

Supporting Information

Combination of $\text{NH}_2\text{OH}\cdot\text{HCl}$ and NaIO_4 : an effective reagent for molecular iodine-free regioselective 1,2-difunctionalization of olefins and easy access of terminal acetals

Nirrita Chakraborty,^a Sougata Santra,^b Shrishnu Kumar Kundu,^c Alakananda Hajra,^a Grigory V. Zyryanov^{b,d} and Adinath Majee*^a

^a*Department of Chemistry, Visva-Bharati (A Central University), Santiniketan-731235, India*

^b*Department of Organic Chemistry, Chemical Technological Institute, Ural Federal University, 19 Mira Str., 620002 Yekaterinburg, Russian Federation*

^c*Department of Chemistry, Jhargram Raj College, Midnapore (W), Jhargram-721507, India*

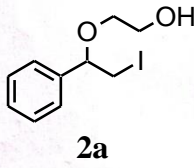
^d*I. Ya. Postovskiy Institute of Organic Synthesis, Ural Division of the Russian Academy of Sciences, 22 S. Kovalevskoy Str., 620219 Yekaterinburg, Russian Federation*

*E-mail: adinath.majee@visva-bharati.ac.in

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Copy of ^1H & ^{13}C NMR spectra for all compounds	S2-S88
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1H of VBNC-43



7.282
7.267
7.239
7.222

4.388
4.377
4.366
4.356
3.658
3.478
3.467
3.457
3.378
3.377
3.367
3.354
3.342
3.328
3.319
3.296
3.270
3.256
3.240
2.472

1.176



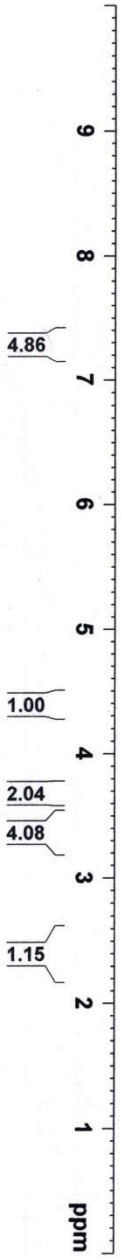
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EXPNO 157
PROCNO 1

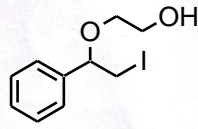
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DS 2
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RG 30.11
DW 60.800 usec
DE 6.50 usec
TE 296.8 K
D1 1.0000000 sec
TDO 1

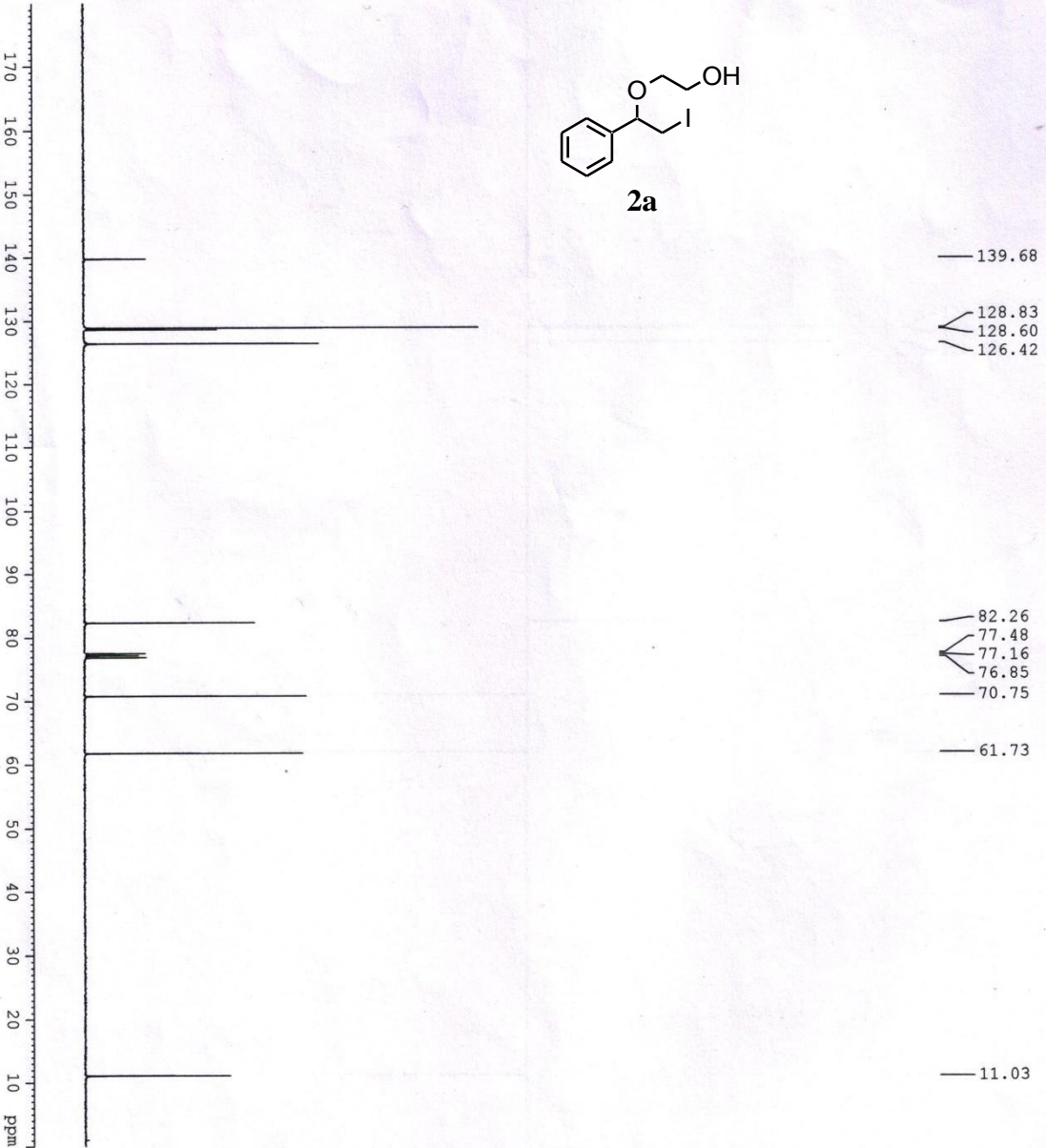
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PC 1.00





2a



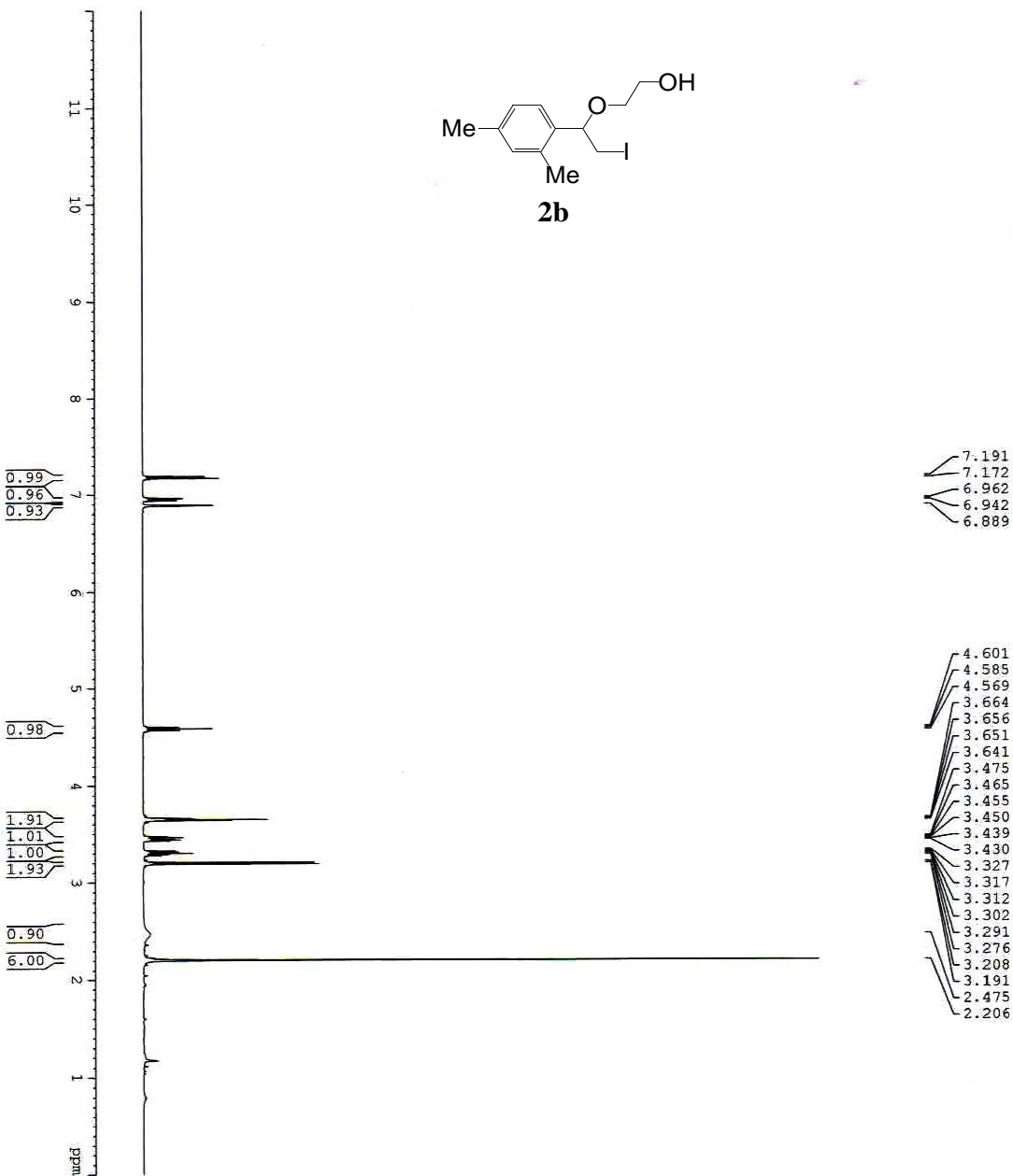
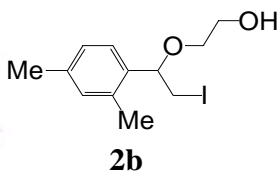
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 EXFNO 180
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 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 150
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 30.11
 DM 20.800 usec
 DE 19.000 usec
 TE 295.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

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 SFO1 100.6278588 MHz

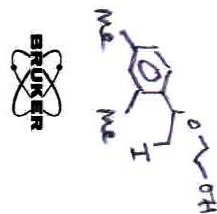
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 SFO2 400.1516006 MHz

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 PC 1.40



7.191
7.172
6.962
6.942
6.889

4.601
4.585
4.569
3.664
3.656
3.651
3.641
3.475
3.465
3.455
3.450
3.439
3.430
3.327
3.317
3.312
3.302
3.291
3.276
3.208
3.191
2.475
2.206



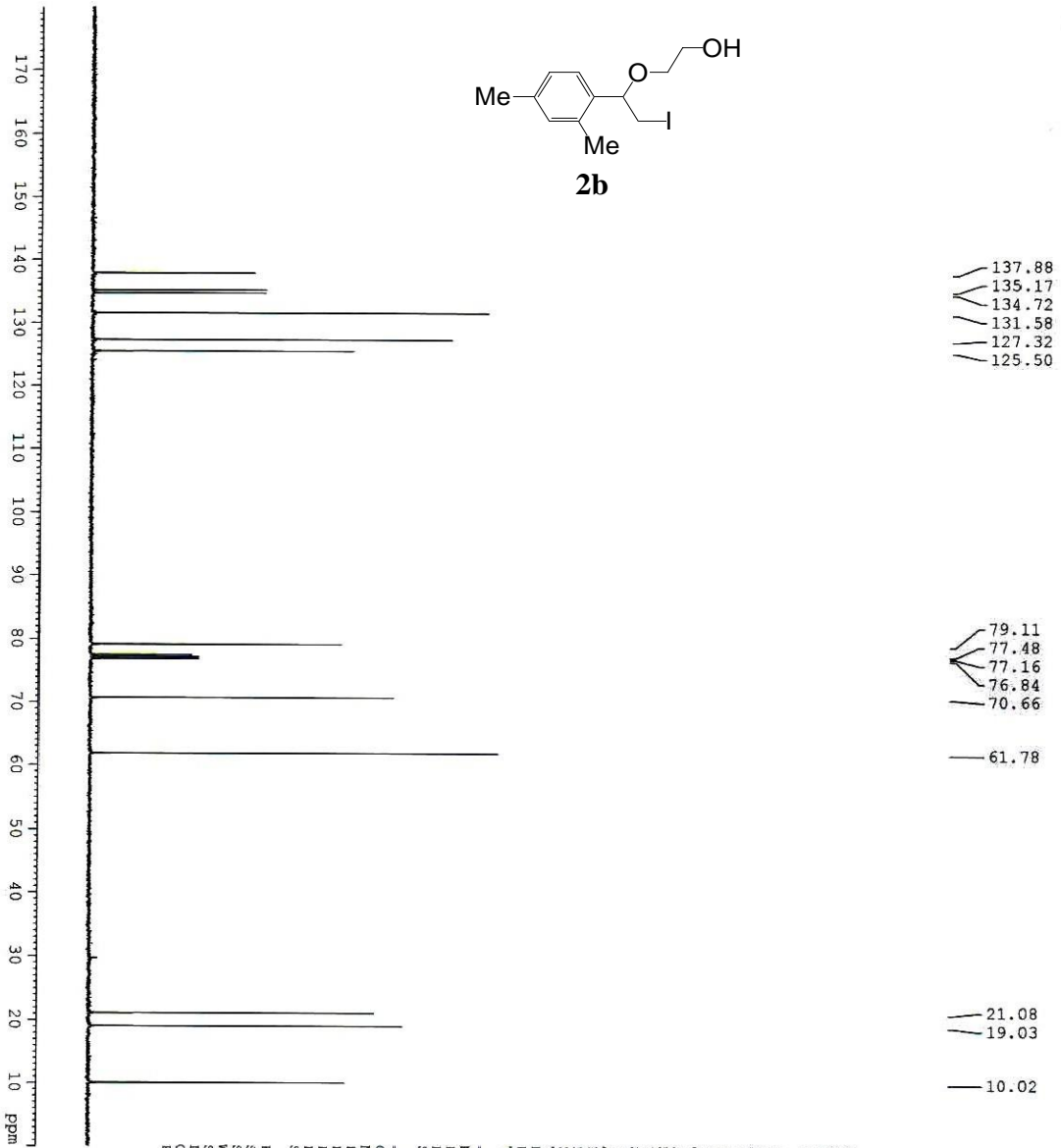
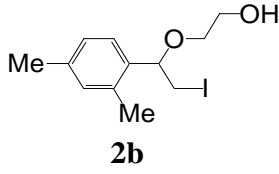
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NAME Dr. A MAJEE
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TD 32768
SOLVENT CDCl3
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FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 12.92
DW 60.800 usec
DE 6.50 usec
TE 296.5 K
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CHANNEL f1

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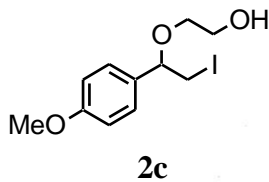
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 TD 32740
 SOLVENT CDCl3
 NS 156
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 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 12.92
 DW 20.800 usec
 DE 6.750 usec
 TE 297.2 K
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 TDO 1

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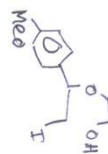
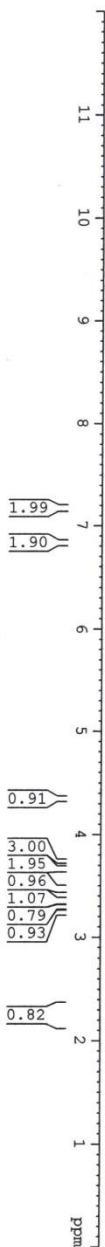
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 PCPD2 80.00 usec
 PLW2 12.00000000 W
 PLW12 0.40792999 W
 PLW13 0.28107001 W
 SF02 400.1516006 MHz

F2 - Processing parameters
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 SHW 69
 SSB 0
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7.192
7.173
7.152
6.838
6.817

4.361
4.350
4.337
4.327
3.738
3.715
3.699
3.678
3.667
3.656
3.486
3.476
3.465
3.461
3.450
3.440
3.371
3.358
3.346
3.333
3.327
3.321
3.301
3.278
3.251
3.241
3.225
3.215
2.254



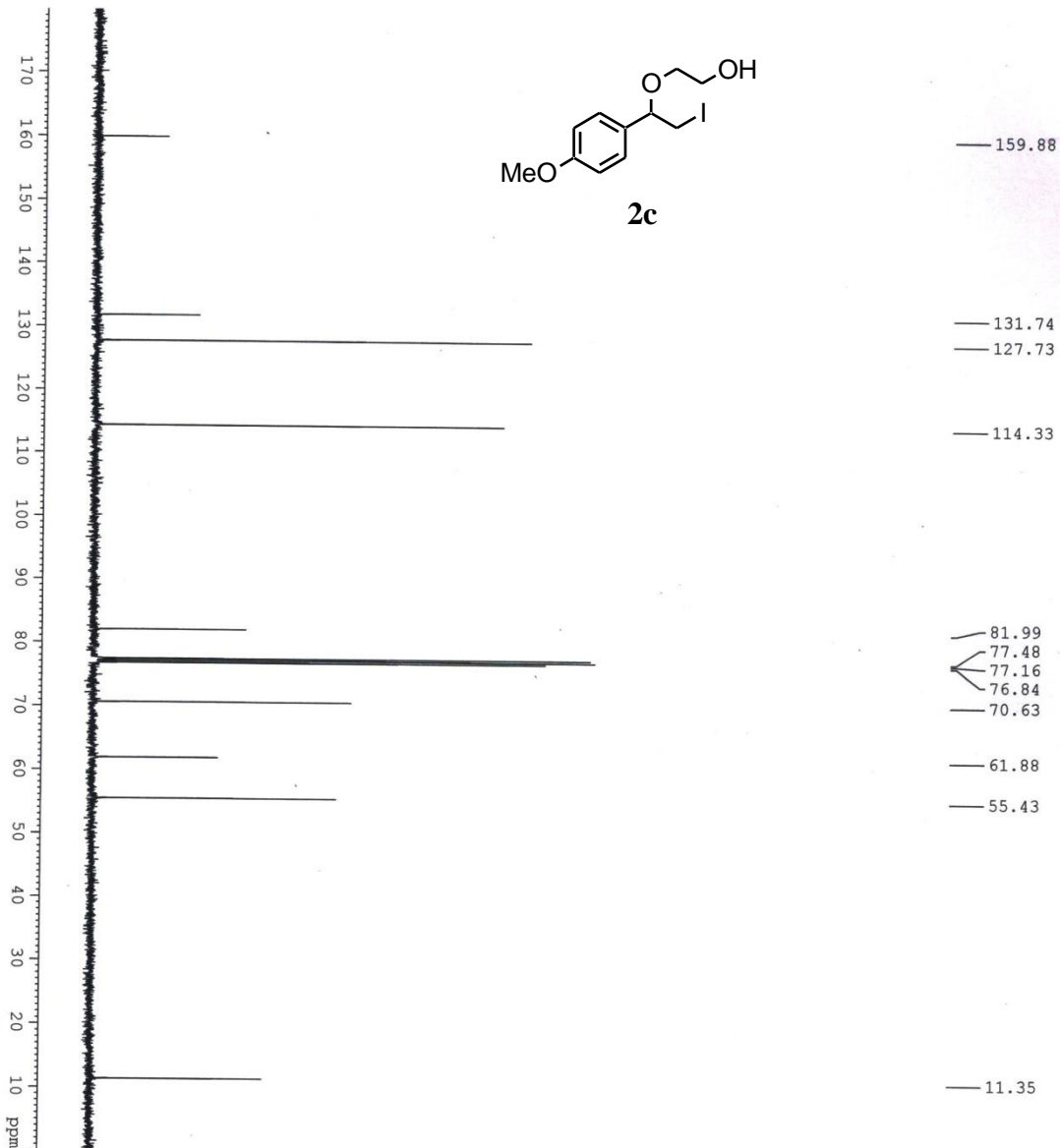
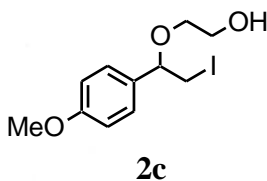
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TD 32768
SOLVENT CDCl3
NS 24
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.923444 sec
RG 87.66
DE 60.800 usec
TE 295.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
PLW1 11.9949989 W
SFO1 400.1524711 MHz

F2 - Processing parameters
SI 16384
SF 400.1500358 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
EC 1.00



Current Data Parameters
 NAME Dr. A HAVRA 2014
 EXPNO 601
 PROCNO 1

F2 - Acquisition Parameters
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 INSTRUM spect
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 PULPROG zgpg30
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 SOLVENT CDCl3
 NS 200
 DS 2

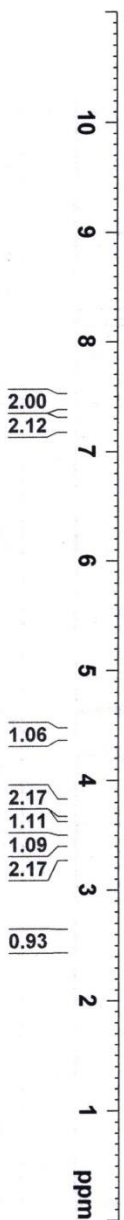
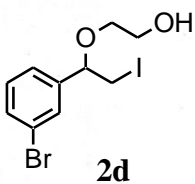
SIH 24038.467 Hz
 FIDRES 0.73349 Hz
 AQ 0.681524 sec
 RG 87.66
 DW 20.800 usec
 DE 6.50 usec
 TE 296.5 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

CHANNEL f1
 NUQC1 13C
 P1 8.90 usec
 PLW1 54.00000000 W
 SFO1 100.6278588 MHz

CHANNEL f2
 CPDPRG2 waltz16
 NUCC 1H
 P1 1H
 P2 12.00000000 W
 PLW2 12.00000000 W
 PLW3 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
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 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

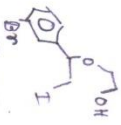
1H OF vbnc-65



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7.460
7.455
7.448
7.443
7.439
7.250
7.234
7.215

4.430
4.418
4.411
4.398
3.759
3.747
3.736
3.569
3.559
3.545
3.534
3.524
3.470
3.458
3.446
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3.290
2.587

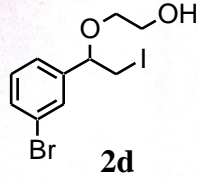
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NAME DR. A HAURA 2014
EXPNO 335
PROCNO 1



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Time 20.45
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PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 19.02
DM 60.800 usec
DE 6.50 usec
TE 297.8 K
D1 1.00000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
PIW1 11.99499989 W
SFO1 400.1524711 MHz

F2 - Processing parameters
SI 16384
SF 400.1500000 MHz
WDW EM
SSB 0
GB 0
PC 1.00

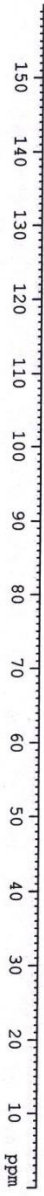


142.14
 131.69
 130.44
 129.51
 125.13
 122.94

81.58
 77.48
 77.16
 76.85
 71.02

61.73

10.31



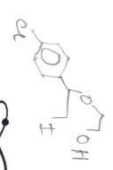
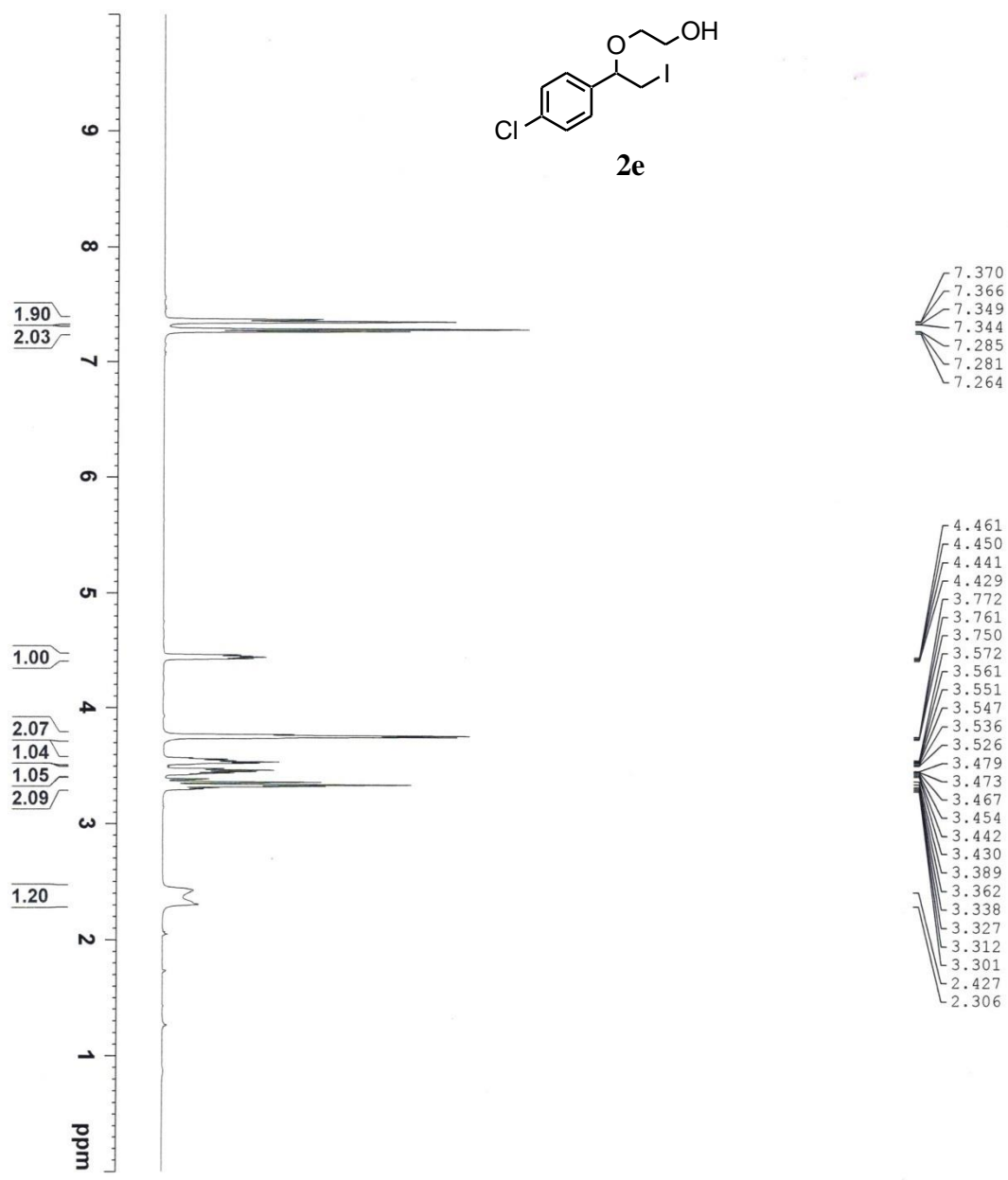
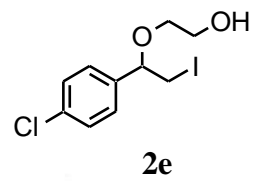
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 NAME Dr. A HANNA
 EXPNO 343
 PROCNO 1

F2 - Acquisition Parameters
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 PROBD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 200
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.681224 sec
 RG 19.02
 DW 20.800 usec
 DE 6.50 usec
 TE 301.6 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 ID0 1

CHANNEL f1
 NUC1 13C
 P1 8.90 usec
 PL1 54.00000000 W
 SFO1 100.6278588 MHz

CHANNEL f2
 waltz16
 CPDPRG2
 NUC2 1H
 PCPD2 80.00 usec
 FLM2 12.00000000 W
 FLM12 0.40782999 W
 FLM13 0.26107001 W
 SF02 400.1316006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177966 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



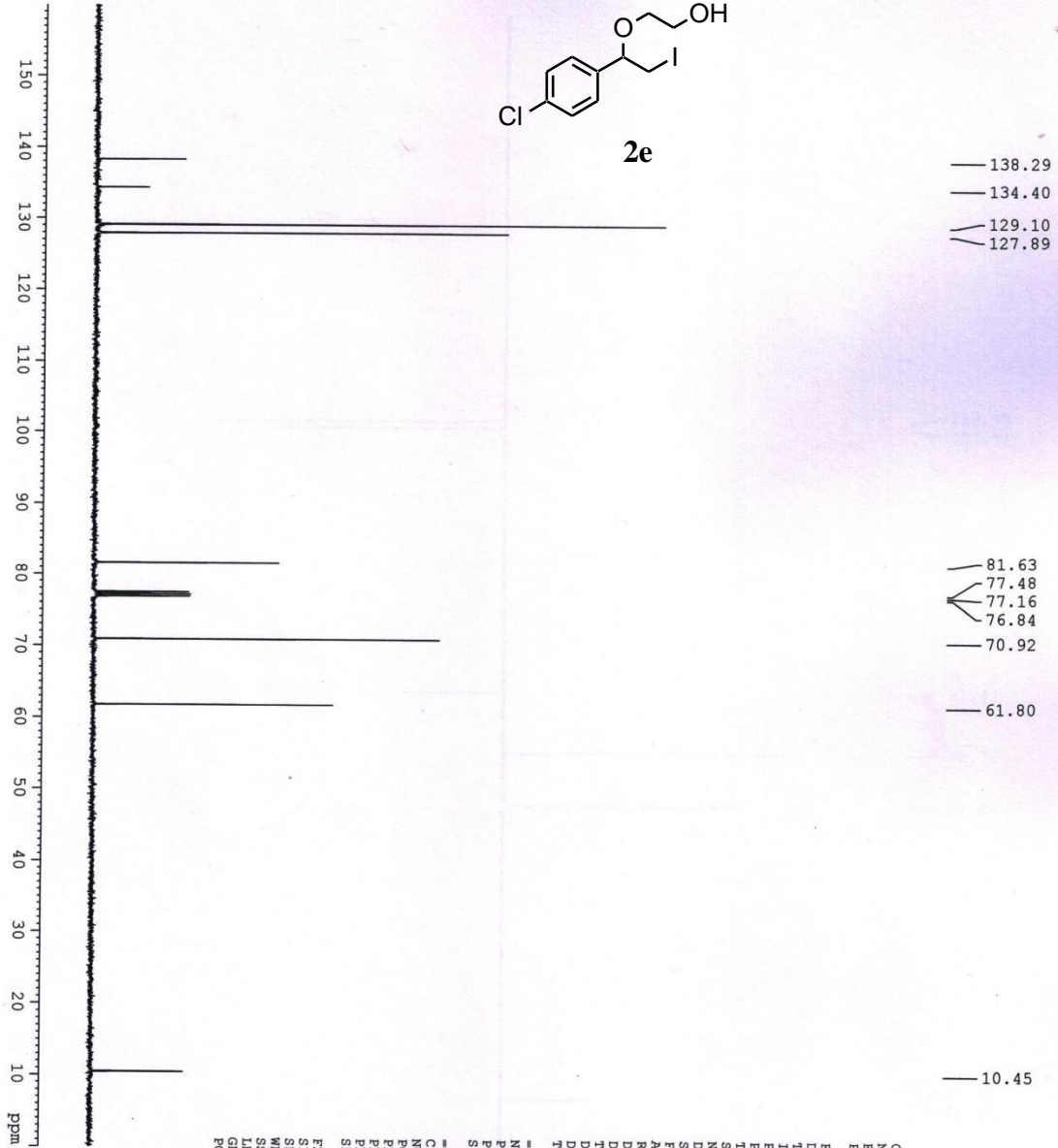
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 NAME Dr. A HAYRA 2014
 EXPNO 371
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F2 - Acquisition Parameters
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 INSTRUM spect
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 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 8
 DS 2

SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 40.87
 DW 60.800 usec
 DE 6.50 usec
 TE 300.1 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PLW1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500000 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.00



138.29
134.40
129.10
127.89

81.63
77.48
77.16
76.84
70.92

61.80

10.45



Current Data Parameters
NAME Dr. A HAVRA 2014
EXNO 372
PROCNO 1

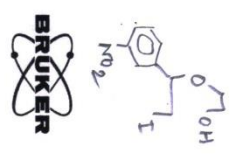
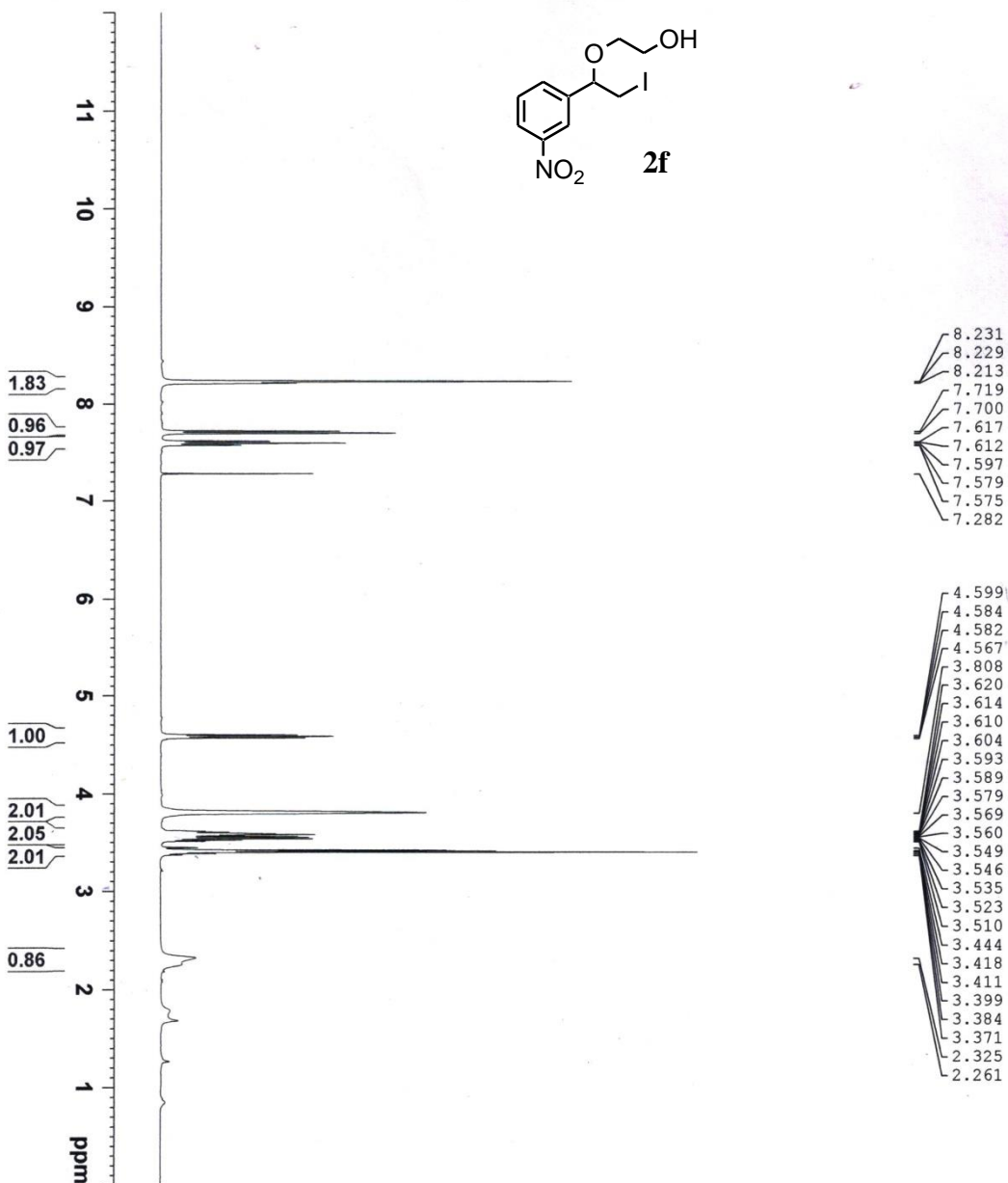
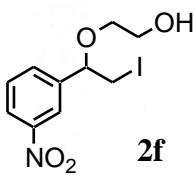
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Time_ 13:11
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PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 120
DS 2
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6816244 sec
RG 20487
SFO 100.6279588 MHz
DE 20.487 usec
TE 300.9 K
D1 2.00000000 sec
D11 0.03000000 sec
TDO 1

CHANNEL F1
NUC1 13C
P1 8.90 usec
PL1 54.0000000 W
SFO1 100.6279588 MHz

CHANNEL F2
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PLM2 12.00000000 W
PLM12 0.40792999 W
PLM13 0.26107001 W
SFO2 400.1516006 MHz

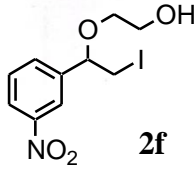
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SF 100.6177910 MHz
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SSB 0
LB 1.00 Hz
GB 0
PC 1.40



Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 209
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140311
 Time_ 20.14
 INSTRUM spect
 PROBD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 77.59
 DW 60.980 usec
 DE 6.90 usec
 TE 293.3 K
 DI 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUCL 1H
 P1 14.75 usec
 PLM1 11.9949989 W
 SFO1 400.1524711 MHz
 F2 - Processing parameters
 SI 16384
 SF 400.1500000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



148.67
142.17
132.64
129.99
123.66
121.66
81.23
77.48
77.16
76.84
71.34
61.86
9.70



Current Data Parameters
 NAME Dr. A HAFRA 2014
 EXPNO 217
 PROCNO 1

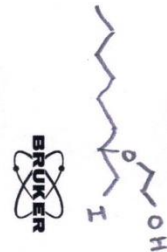
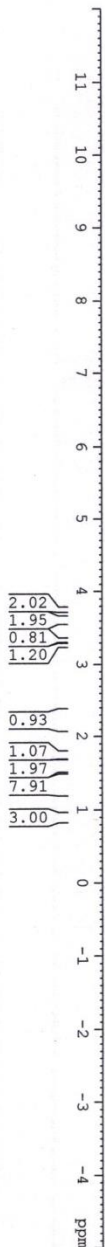
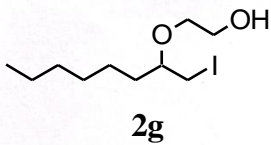
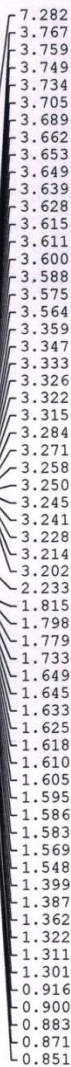
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 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 400
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.132396 Hz
 RG 0.6917459
 RC 17.59
 DW 20.800 usec
 DE 6.50 usec
 TE 296.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUCL 13C
 P 9.29 usec
 F1M1 54.00000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUCL2 1H
 FPCPD2 80.00 usec
 PLW2 12.00000000 W
 PLW12 0.40192939 W
 PLW13 0.26107001 W
 SF02 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177865 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1H of VBNC-81



Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 595
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20140719
 Time 20.11
 INSTRUM spect
 PROBHD 5 mm PABBO BH/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 62.69
 DW 60.800 usec
 DE 6.50 usec
 TE 297.2 K
 D1 1.00000000 sec
 TDO 1

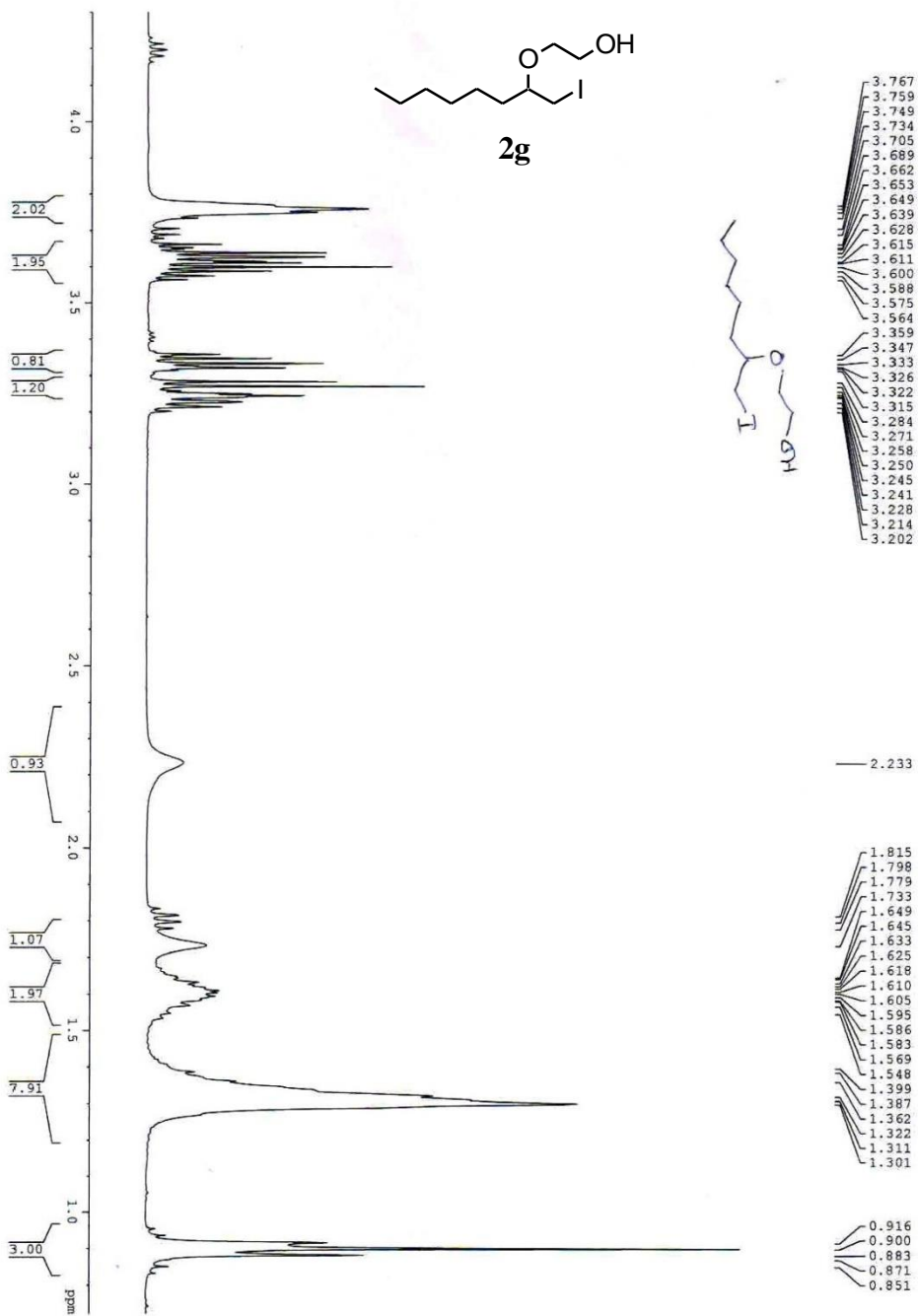
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NUC1 1H
 P1 14.75 usec
 PLW1 11.99499899 W
 SFO1 400.1524711 MHz

F2 - Processing parameters

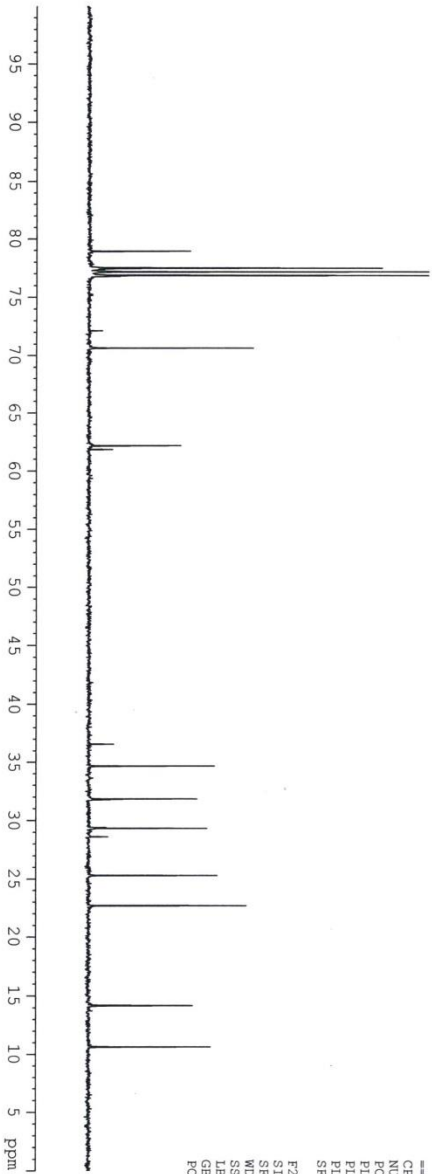
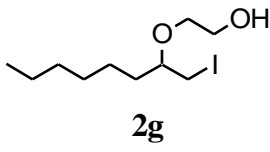
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 WDW EM
 SSB 0
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 GB 0
 PC 1.00

1H of VBNC-81





- 78.91
- 77.48
- 77.16
- 76.84
- 70.63
- 62.14
- 34.68
- 31.84
- 29.33
- 25.29
- 22.70
- 14.18
- 10.64



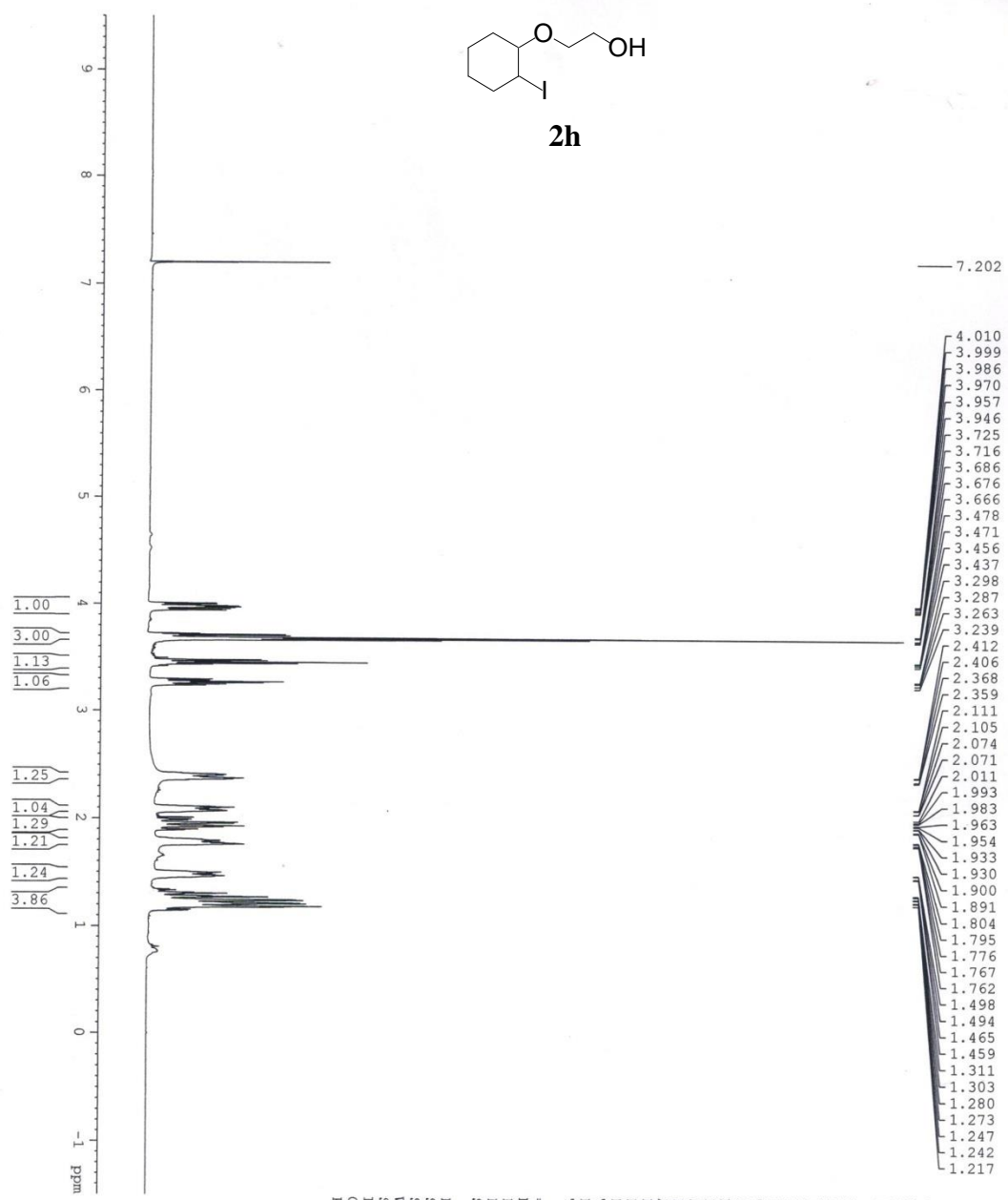
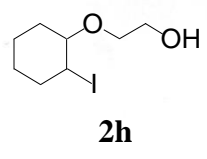
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 PROCNO 1

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 Date_ 20140720
 Time_ 13.20
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 512
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.333339 Hz
 AQ 0.681624 sec
 RG 62.69
 DW 20.800 usec
 DE 6.50 usec
 TE 296.7 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUCL 13C
 P1 8.90 usec
 PLW1 54.00000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CPGPRG2 waltz16
 NUCL2 1H
 FCPD2 80.00 usec
 PLW2 12.00000000 W
 PLM12 4.00249999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing Parameters
 SI 16384
 SF 100.6177851 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 EC 1.40



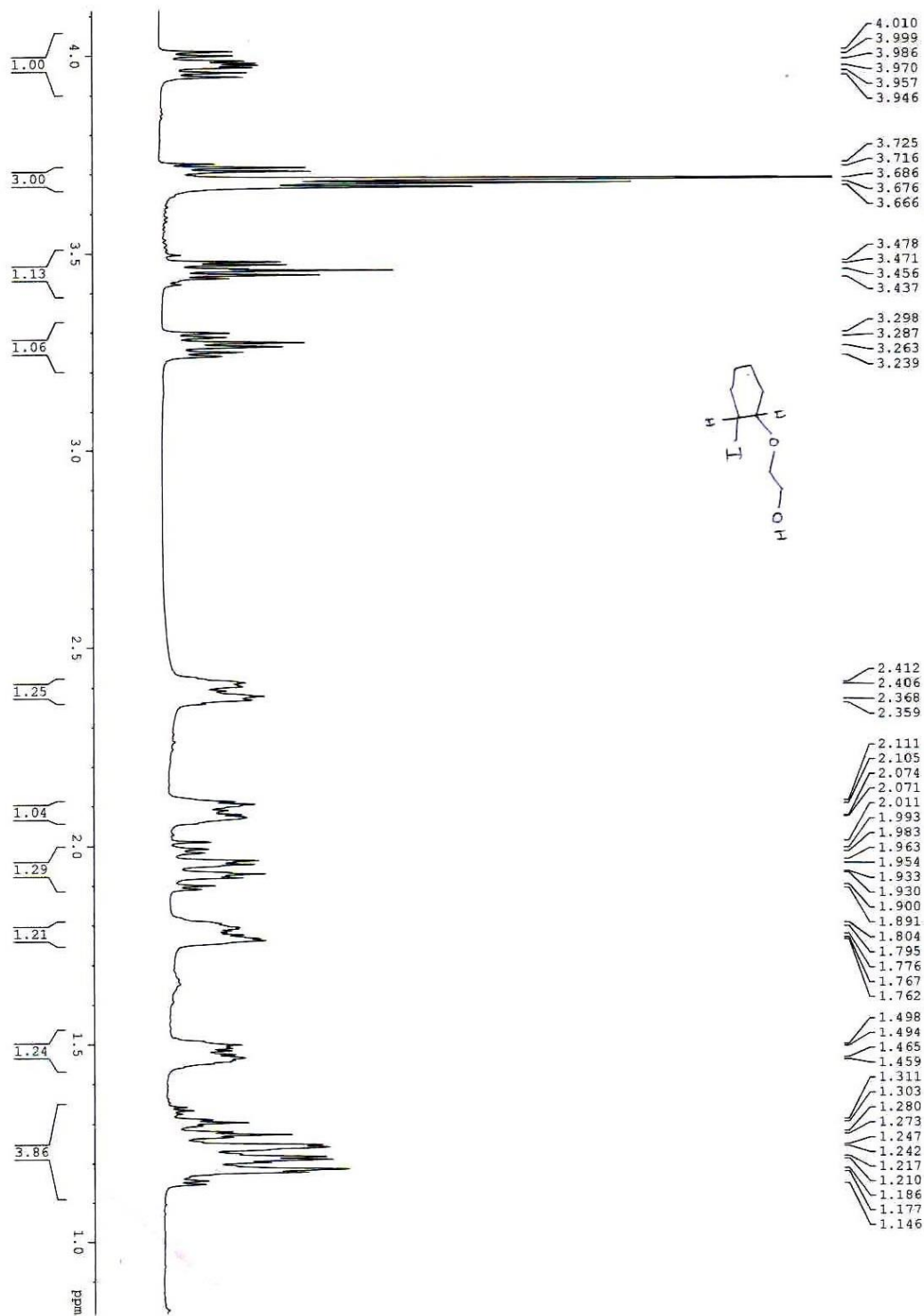
Current Data Parameters
 NAME Dr. A HATRA 2014
 EXPNO 618
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140725
 Time_ 18.12
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 24
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 87.66
 DW 60.800 usec
 DE 6.50 usec
 TE 295.6 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUCL1 1H
 P1 14.75 usec
 PLM1 11.99499989 W
 SF01 400.1524711 MHz

F2 - Processing Parameters
 SI 16384
 SE 400.1500322 MHz
 MDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1H OF VBNC-86





83.34
77.48
77.16
76.84
70.50
62.04
38.67
36.51
31.81
27.87
24.06

Current Data Parameters
NAME Dr. A HAJRA 2014
EXPERNO 624
PROCNO 1

F2 - Acquisition Parameters

Date 2014/07/26
Time 17:03
Date_ 17:03
NAME 5 mm BBO BB
PROBHD zgpg30
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 512
DS 2
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6816244 sec
RG 87.66
DW 20.800 usec
DE 6.30 usec
TE 29.77 K
D11 2.00000000 sec
D1 0.03000000 sec
TD0 1

CHANNEL f1

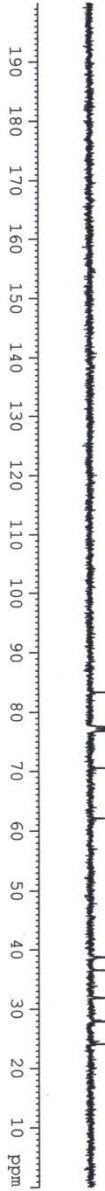
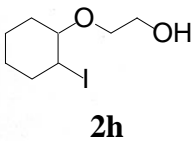
NUC1 13C
P1 8.90 usec
PLM1 54.00000000 W
SFO1 100.6278588 MHz

CHANNEL f2

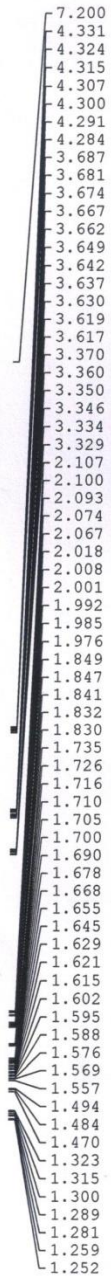
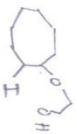
NAME waltz16
NUC2 13C
P2 80.00 usec
PLM2 12.00000000 W
PLM12 0.40792999 W
PLM13 0.26107001 W
SFO2 400.1516006 MHz

F2 - Processing parameters

SI 16384
SF 100.6177851 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
FC 1.40

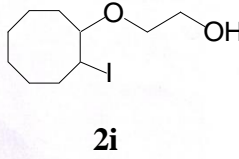


1H OF VBNC-87-a

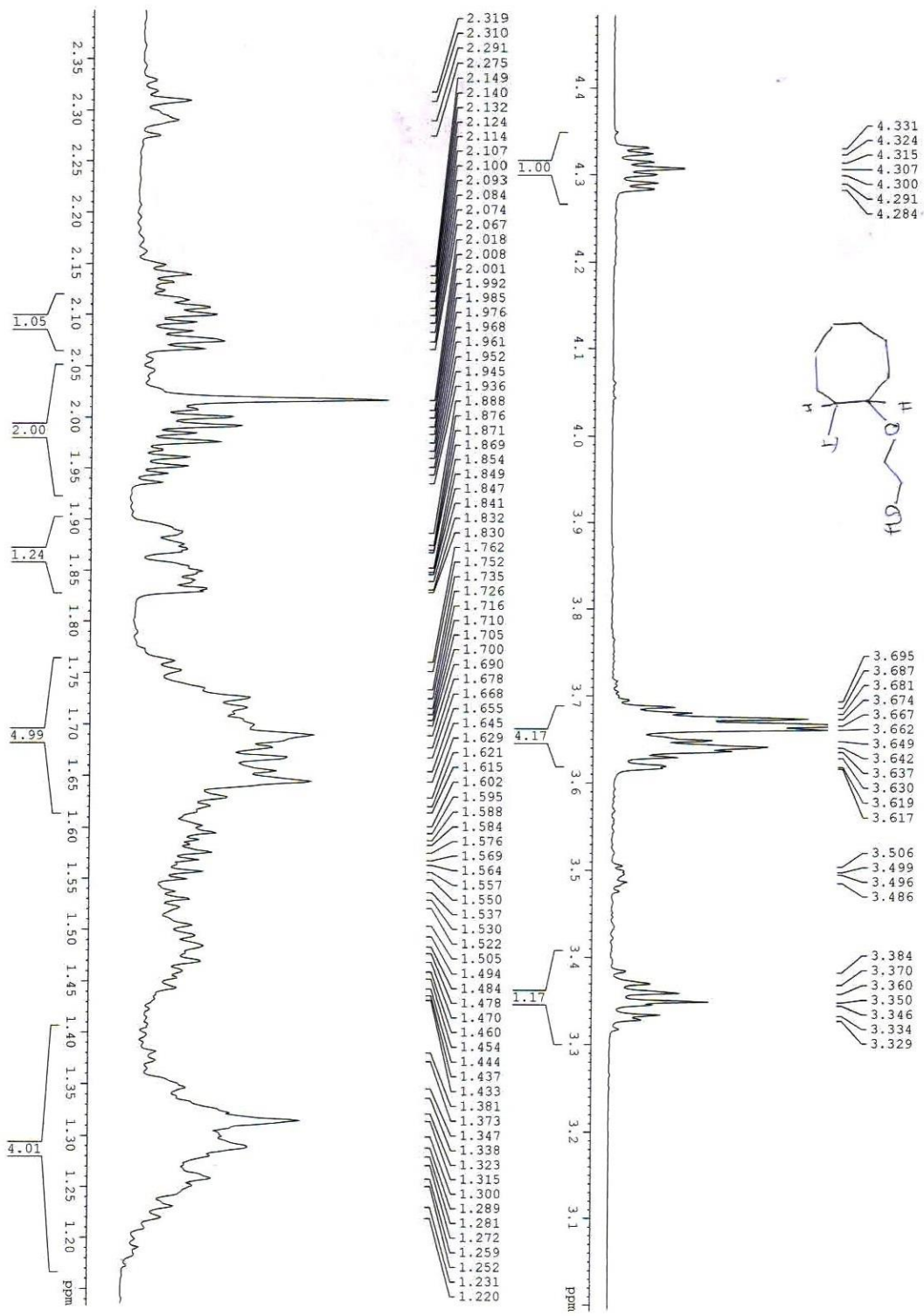
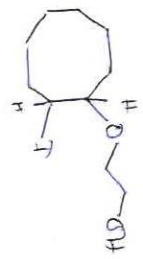


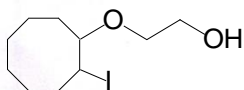
Current Data Parameters
 NAME Dr. A HAVRA 2014
 EXPNO 638
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140728
 Time 19.30
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AO 1.9923444 sec
 RG 87.66
 DW 60.800 usec
 DE 6.50 usec
 TE 295.9 K
 D1 1.00000000 sec
 TD0 1

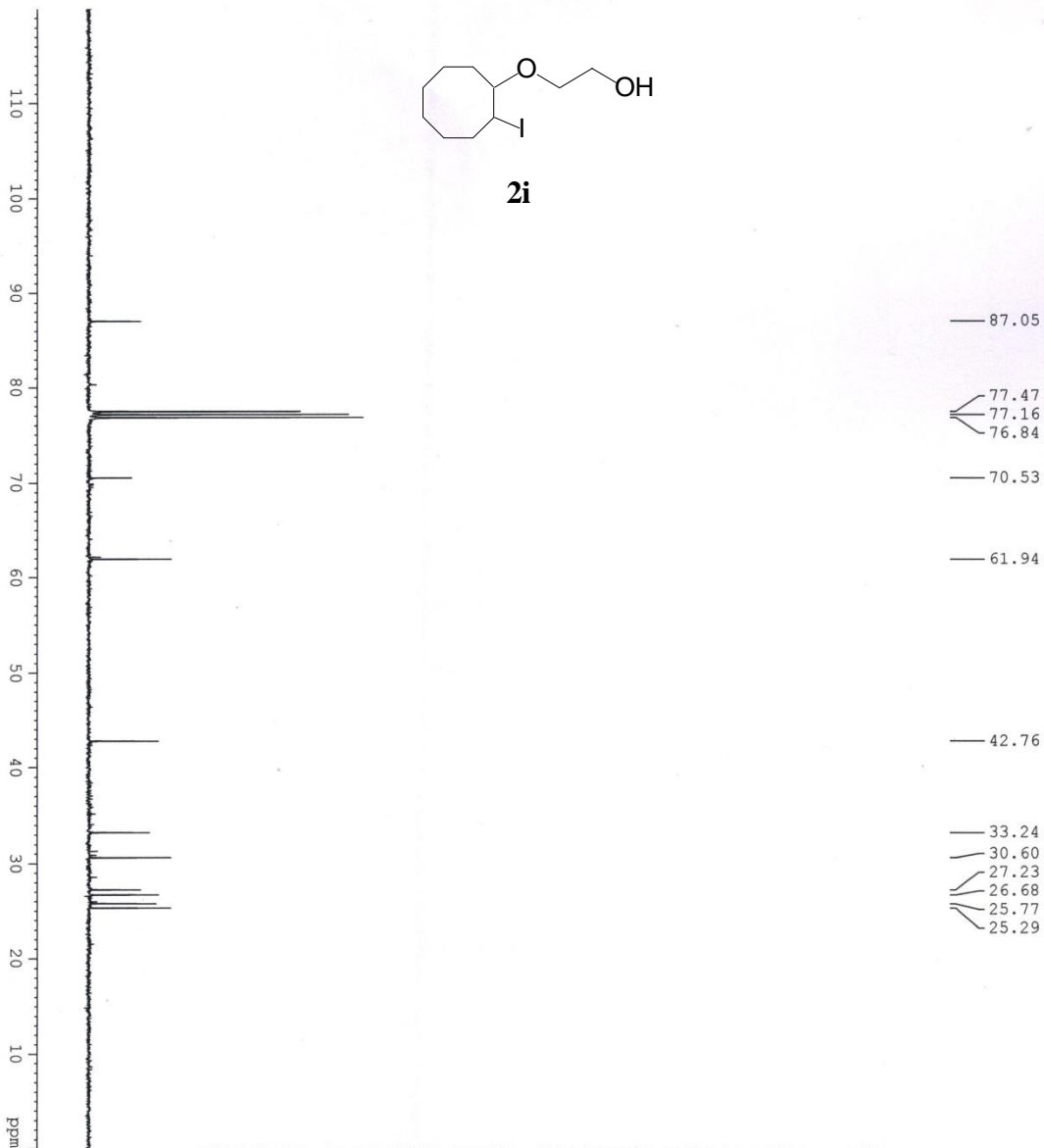


===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PLW1 11.9949989 W
 SF01 400.1524711 MHz
 F2 - Processing parameters
 SI 16384
 SF 400.1500327 MHz
 WDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





2i



Current Data Parameters
 NAME Dr. A. HAJRA 2014
 EXPRNO 641
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20140728
 Time 20.23
 INSTRUM spect
 PROBNM 5 mm PABBO-BB7
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 322
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 87.66
 SF 400.1516006 MHz
 DE 6.50 usec
 TE 296.7 K
 D11 2.00000000 sec
 D1 0.03000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 8.30 usec
 FWH 54.00000000 MHz
 SF01 100.6278588 MHz

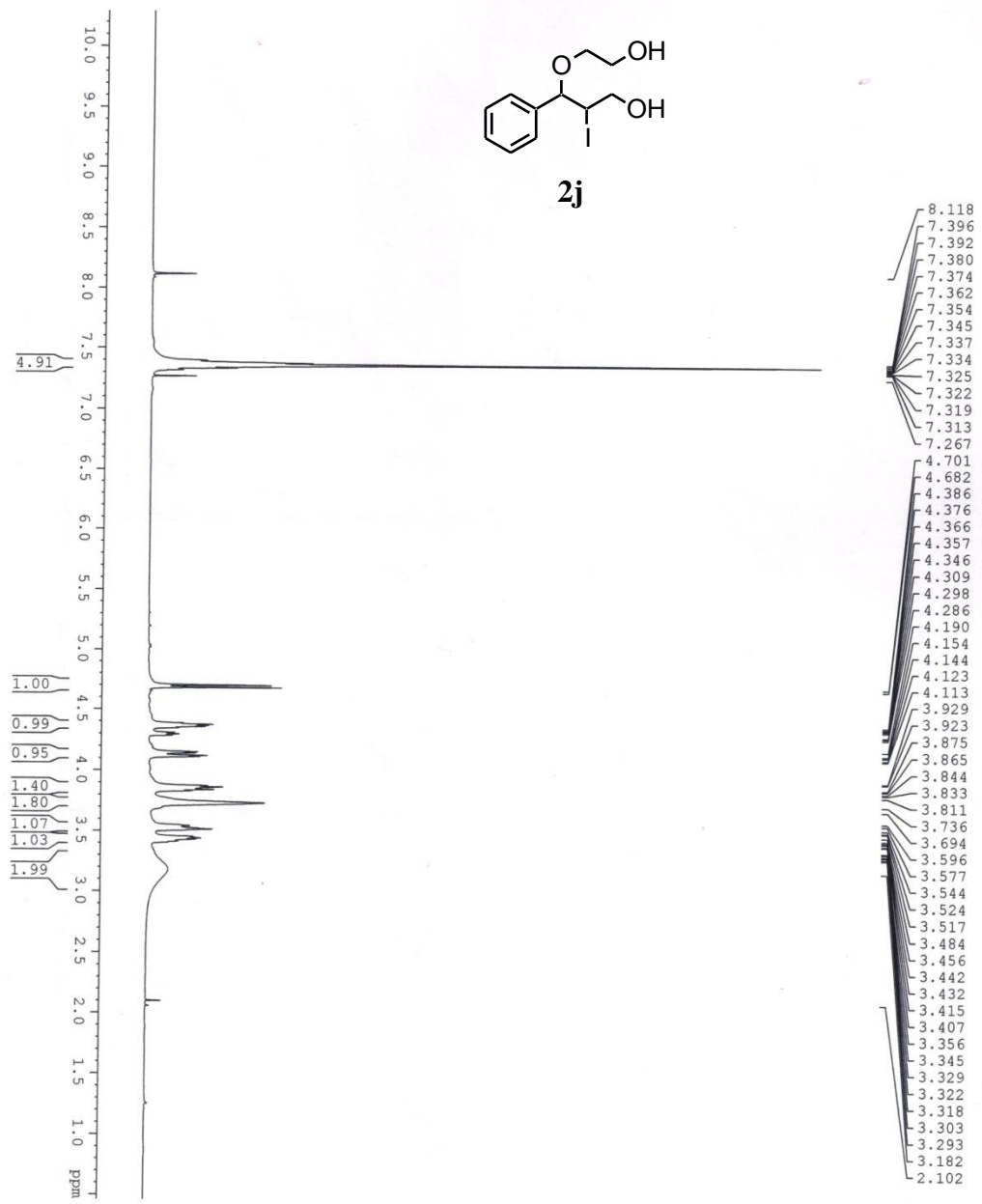
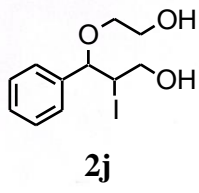
===== CHANNEL f2 =====
 CPDPRG2 waltz216

NUC2 1H
 FPCPD2 80.00 usec
 PLW2 12.00000000 W
 ELW12 0.40792999 W
 ELW13 0.26107001 W
 SF02 400.1516006 MHz

F2 - Processing parameters

SI 16384
 SF 100.6177851 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 FC 1.40

1H of VBNC 95



- 8.118
- 7.396
- 7.392
- 7.380
- 7.374
- 7.362
- 7.354
- 7.345
- 7.337
- 7.334
- 7.325
- 7.322
- 7.319
- 7.313
- 7.267
- 4.701
- 4.682
- 4.386
- 4.376
- 4.366
- 4.357
- 4.346
- 4.309
- 4.298
- 4.286
- 4.190
- 4.154
- 4.144
- 4.123
- 4.113
- 3.929
- 3.923
- 3.875
- 3.865
- 3.844
- 3.833
- 3.811
- 3.736
- 3.694
- 3.596
- 3.577
- 3.544
- 3.524
- 3.517
- 3.484
- 3.456
- 3.442
- 3.432
- 3.415
- 3.407
- 3.356
- 3.345
- 3.329
- 3.322
- 3.318
- 3.303
- 3.293
- 3.162
- 2.102



Current Data Parameters
 NAME Dr. A HAURA 2014
 EXPNO 772
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140823
 Time 19.29
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2

SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 40.87
 DW 60.800 usec
 DE 6.50 usec
 TE 286.9 K
 DI 1.00000000 sec

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 11.9949989 W
 SF01 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500056 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 782
 PROCNO 1

F2 - Acquisition Parameters

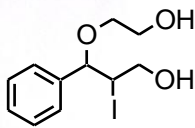
Date_ 20140825
 Time 17.21
 INSTRUM spect
 FROBHD 5 mm EBBB0 BB/
 PULPROG zgpg30
 TD 32768
 SO LVENT CDCl3
 NS 172
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733566 Hz
 AQ 0.6816244 sec
 RG 40.87
 DW 20.800 usec
 DE 6.50 usec
 TE 296.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 8.30 usec
 PL1 54.00000000 W
 SFO1 100.6278588 MHz

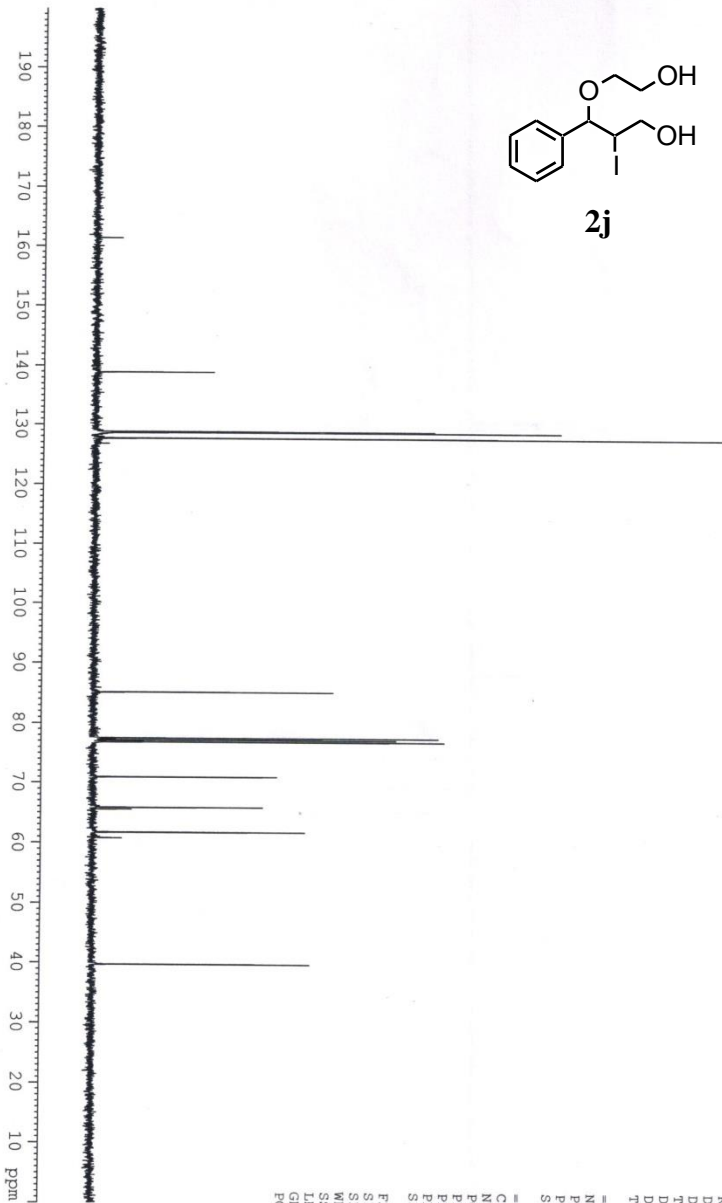
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 FPCPD2 80.00 usec
 PLW2 12.00000000 W
 PLW12 0.40792999 W
 PLW13 0.26107001 W
 SFO2 400.1516006 MHz

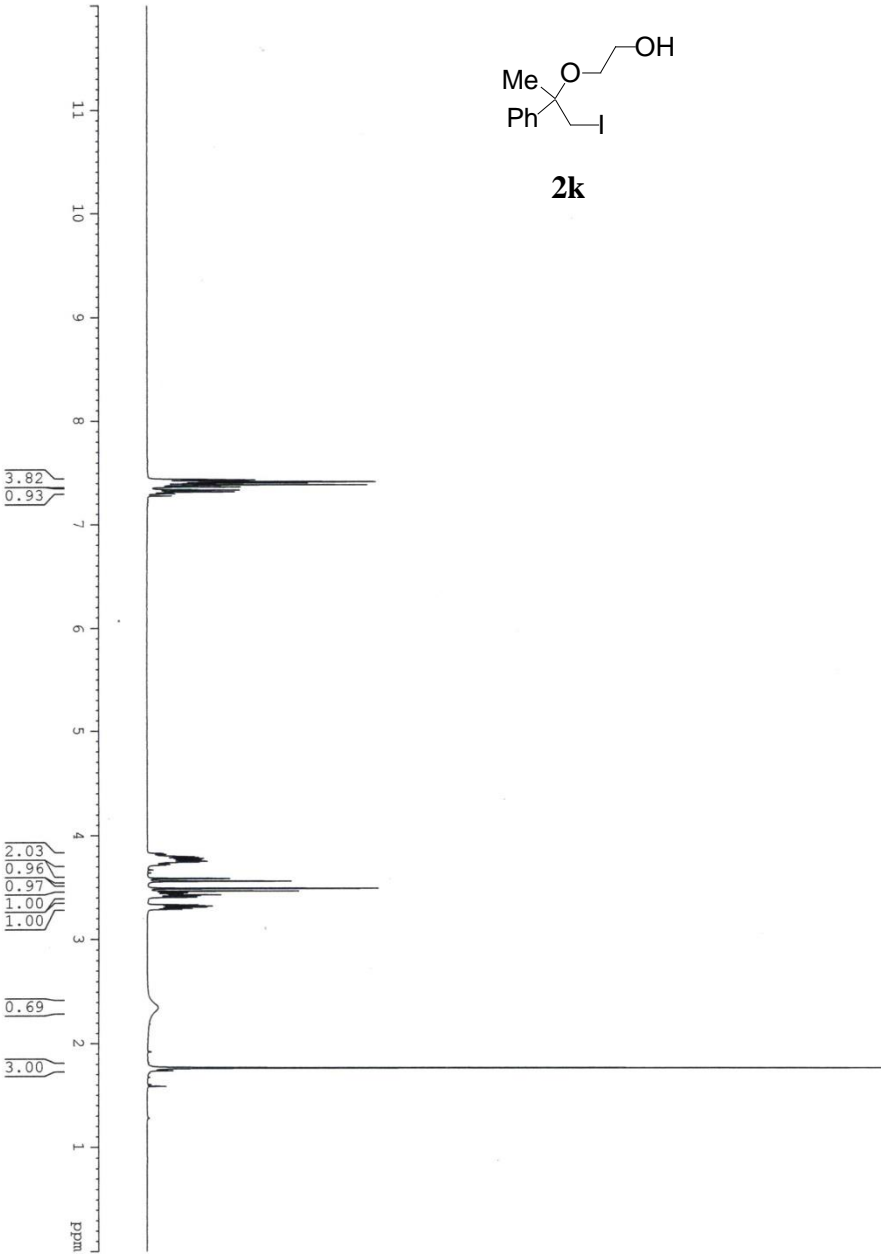
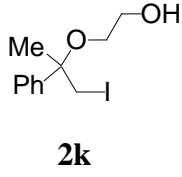
F2 - Processing parameters

SI 32768
 SF 100.6177901 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



- 138.88
- 128.74
- 128.59
- 127.65
- 85.15
- 77.48
- 77.16
- 76.85
- 70.95
- 65.82
- 61.68
- 39.71





Current Data Parameters
 NAME Dr. A HAUFA 2014
 EXPNO 231
 PROCNO 1

F2 - Acquisition Parameters

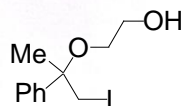
Date_ 20140317
 Time_ 12.16
 INSTRUM Spect
 FROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2
 SMH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 47.25
 DW 60.800 usec
 DE 6.50 usec
 TE 294.0 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====

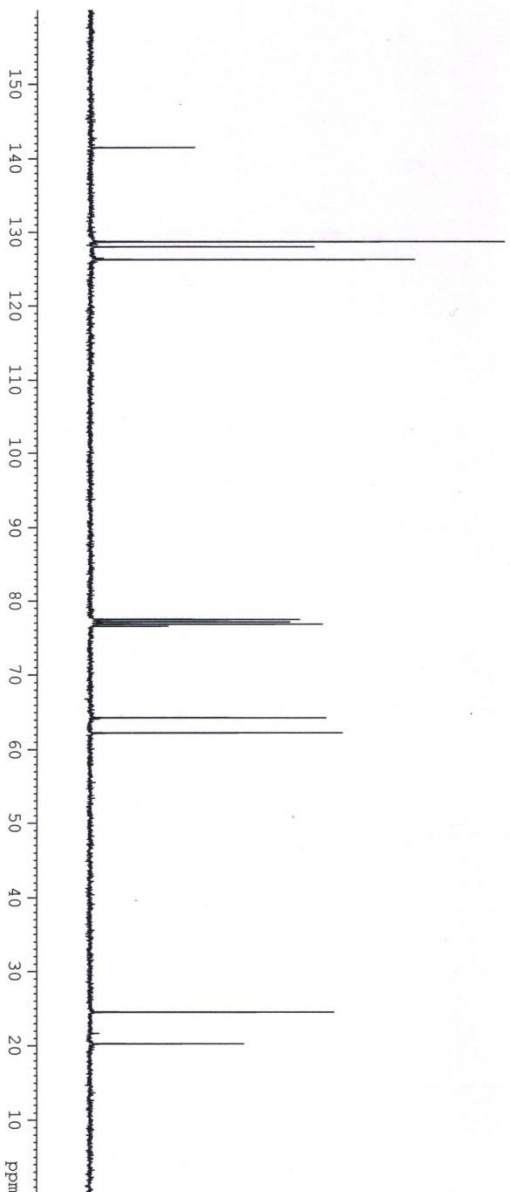
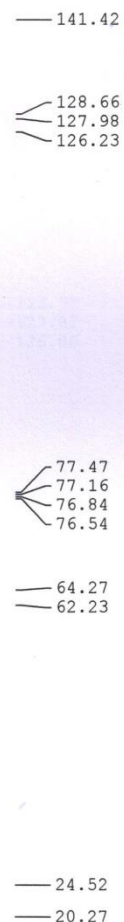
NUC1 1H
 P1 14.75 usec
 ELM1 11.99499989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters

SF 16384
 WDW 400.1500000 MHz
 SSB 0 EM
 LB 0 0.30 Hz
 GB 0
 PC 1.00



2k



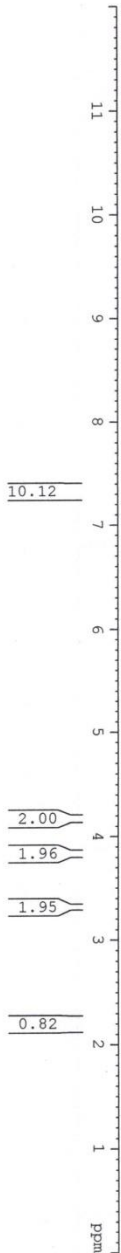
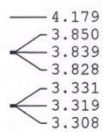
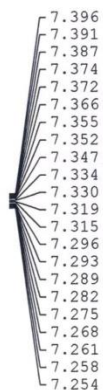
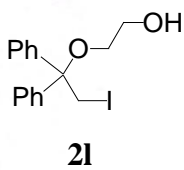
Current Data Parameters
 NAME Dr. A RAJRA 2014
 EXPNO 232
 FPROGNO 1

F2 - Acquisition Parameters
 Date_ 20140317
 Time_ 12.31
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 120
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.7133296 Hz
 A2 0.6844228 sec
 RG 47.725
 DM 20.800 usec
 DE 6.50 usec
 TE 294.8 K
 D11 2.00000000 sec
 TD0 0.03000000 sec
 1

CHANNEL F1
 NUQ1 13C
 P1 8.00 usec
 PLW1 54.0000000 W
 SFO1 100.6278588 MHz

CHANNEL F2
 CEDEPRG2 waltz16
 NUQ2 1H
 PCPPD2 80.00 usec
 PLW2 12.00000000 W
 PLW12 0.40792399 W
 PLW13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SF 100.6177923 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.40



Ph-O-CH₂-OH
Ph-CH₂-I

Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 608
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140724
 Time_ 19.50

INSTRUM spect
 PROBHID 5 mm PABBO BB/
 PULPROG zg30

TD 32768
 SOLVENT CDCl₃

NS 32
 DS 2

SWH 8223.685 Hz
 FIDRES 0.7250967 Hz

AQ 1.9923444 sec
 RG 87.66

DW 60.800 usec
 DE 6.50 usec

TE 295.4 K
 D1 1.00000000 sec

TD0 1

==== CHANNEL f1 =====
 NUC1 1H

P1 14.75 usec
 PLMT 11.9949989 W

SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500000 MHz

WDW EM
 SSB 0

GB 0.30 Hz
 PC 1.00



Current Data Parameters
 Name: Dr. A HAURO, 2014
 ExpNO: 609
 PROCNO: 1

F2 - Acquisition Parameters

Date_ 20140725
 Time_ 10.06
 INSTRUM spect
 PROBHD 5 mm EBBBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 512
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.681624 sec
 SFO 17.66
 TM 20.630 usec
 DDE 50 usec
 TE 296.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 TDO 1

CHANNEL F1

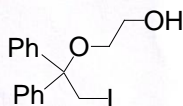
NUC1 13C
 P1 8.90 usec
 PL1 54.00000000 W
 SFO1 100.6278588 MHz

CHANNEL F2

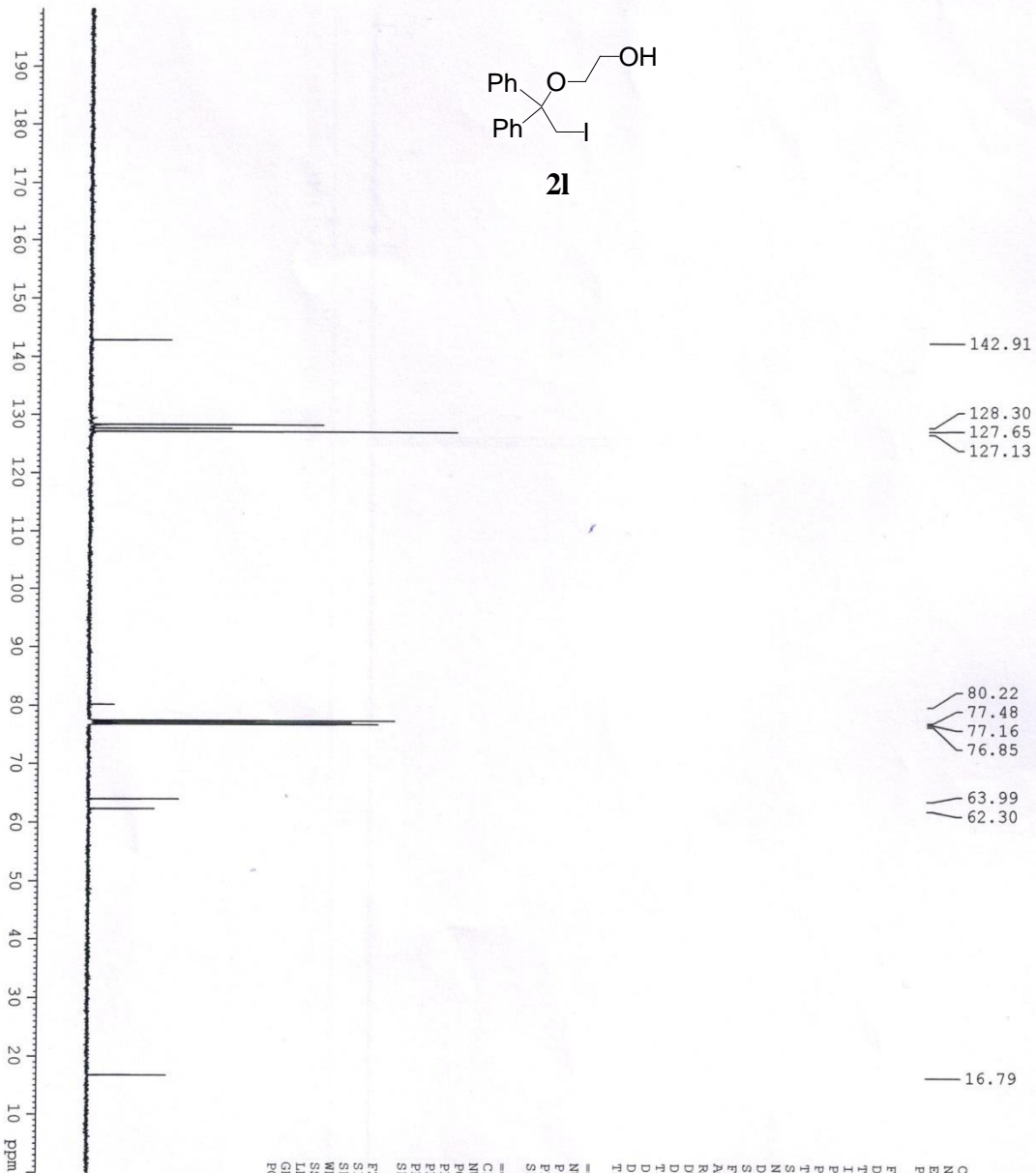
CPDPRG2 waltz16
 NUZ2 80.00 usec
 PCPD2 12.00000000 W
 PLM2 0.40792399 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

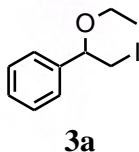
F2 - Processing Parameters

SI 16384
 SF 100.6177854 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 FC 1.40



21

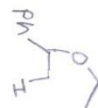




7.421
7.417
7.411
7.404
7.400
7.397
7.392
7.382
7.368
7.359
7.354
7.350

4.460
4.447
4.440
4.427
3.519
3.514
3.502
3.496
3.479
3.464
3.458
3.446
3.440
3.410
3.390
3.385
3.369
3.365
3.356
3.343

1.279
1.262
1.244



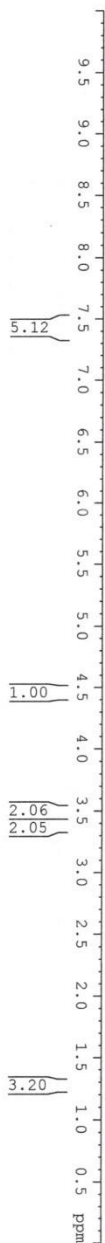
Current Data Parameters
NAME Dr. A HAJRA 2014
EXPNO 807
PROCNO 1

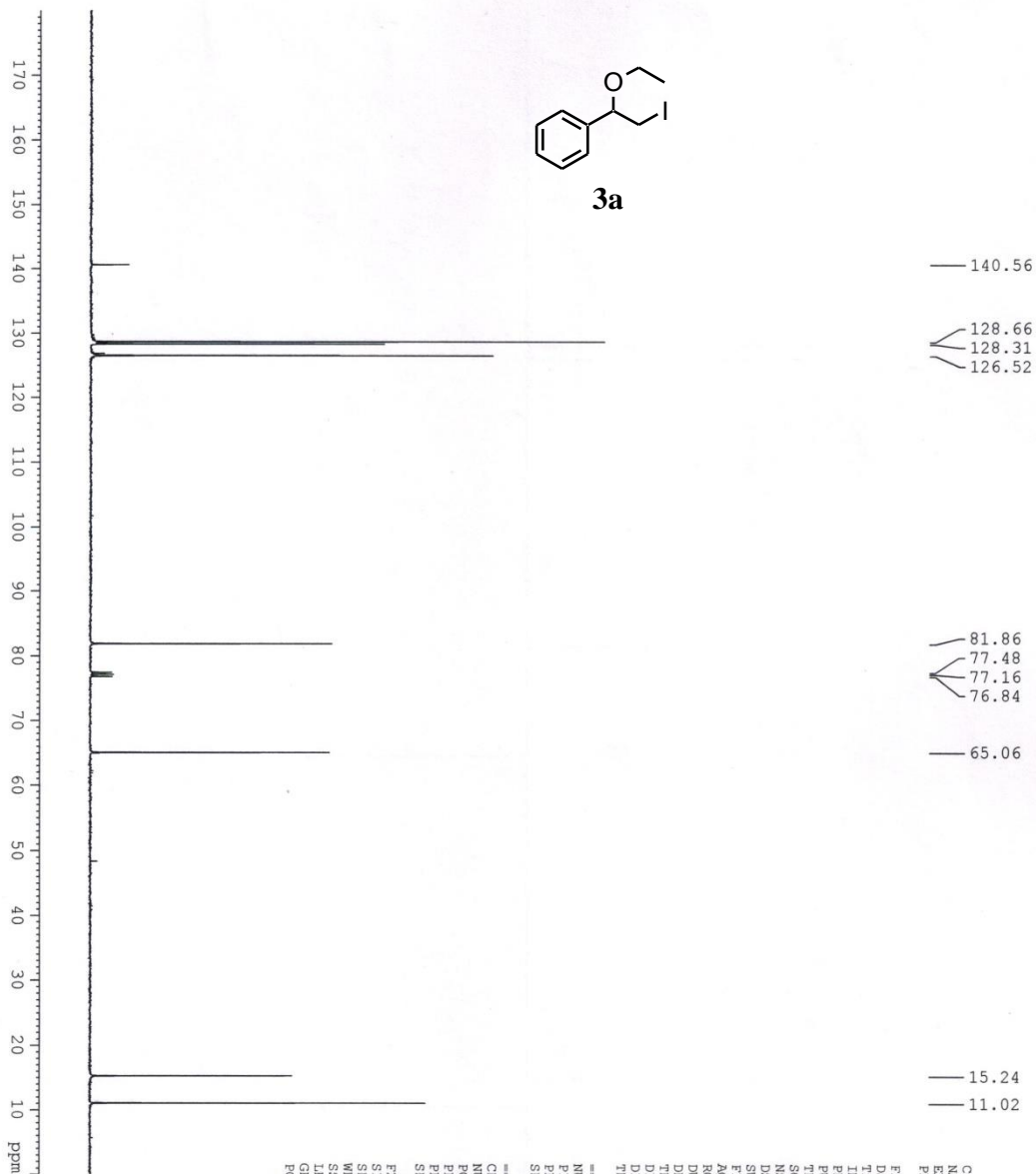
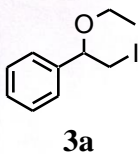
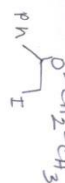
F2 - Acquisition Parameters

Date_ 20140901
Time_ 19.09
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl₃
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 26.53
DW 60.800 usec
DE 6.50 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====

NUC1 1H
P1 14.75 usec
PLW1 11.99499989 W
SFO1 400.1524711 MHz
F2 - Processing parameters
SI 16384
SF 400.1500000 MHz
WDW EM
SSB 0
GB 0
PC 1.00





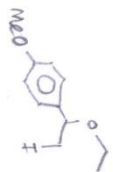
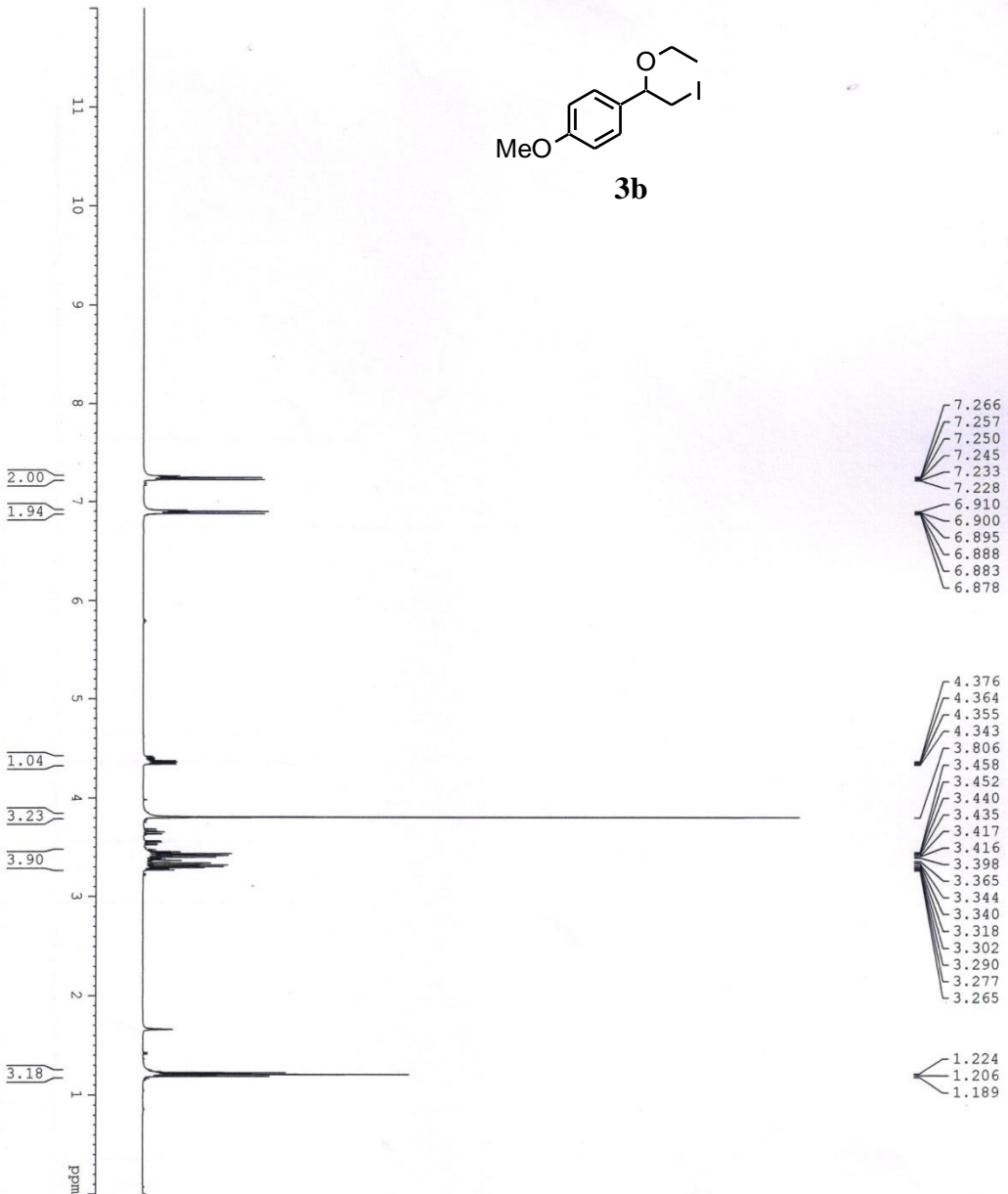
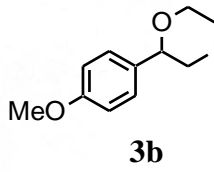
Current Data Parameters
 NAME Dr. A. HAURA 2014
 EXPNO 810
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140901
 Time_ 19.47
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg
 TD 32768
 SOLVENT CDCl3
 NS 160
 DS 2
 SWH 24038.461 Hz
 FWH 0.713169 Hz
 AQ 0.641624 sec
 RG 23.55
 DW 20.800 usec
 DE 6.50 usec
 TE 297.4 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 8.90 usec
 PL1 54.00000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 ECHD2 80.00 usec
 PLM2 12.00000000 W
 PL12 40.40200000 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177983 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 FC 1.40



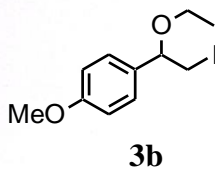
Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 866
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140908
 Time_ 19.10

INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.230967 Hz
 AQ 1.923444 sec
 RG 54.07
 DW 60.800 usec
 DE 6.50 usec
 TE 297.3 K
 DI 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 P1M1 11.99499989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500096 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



159.77
159.67

132.66
128.14
127.81

114.11

81.52
77.48
77.17
76.85

64.93
64.80

55.39

48.46

15.30
15.28
11.37



Current Data Parameters
NAME DL. A.HA/NR.014
EXPNO 879
PROCNO 1

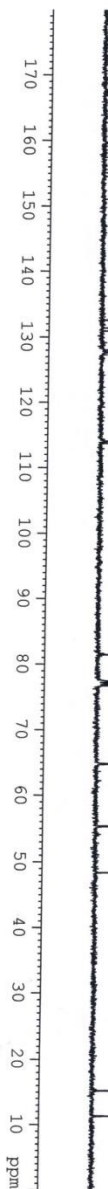
F2 - Acquisition Parameters

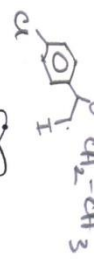
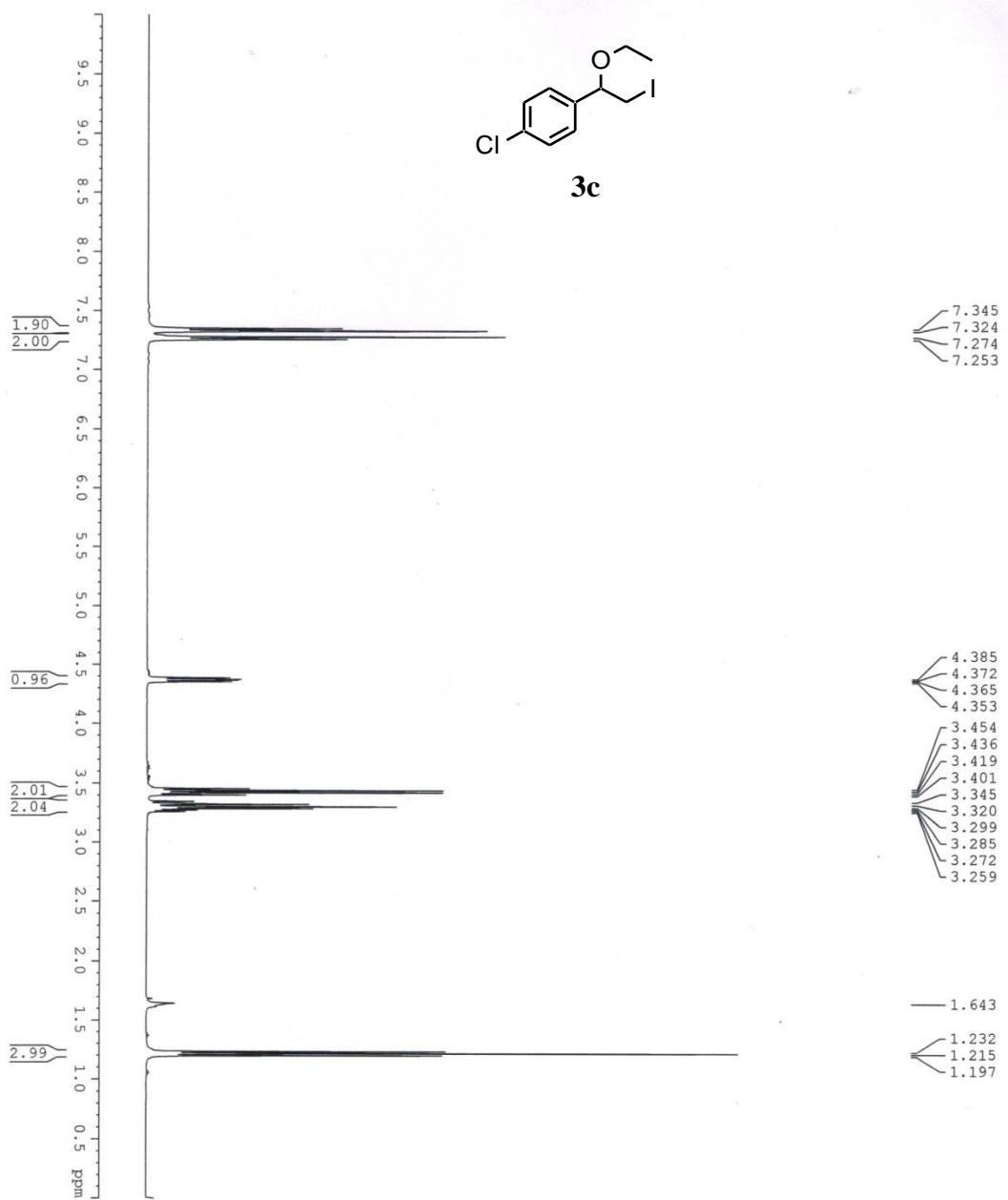
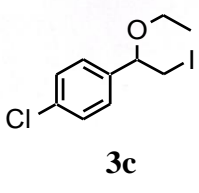
Date_ 20140909
Time 14.50
INSTRUM spect
PROBHD 5 mm BBO BB/
PULPROG zgpg30
TD 32768
FIDRES 0.320
SOLVENT CDCl3
NS 320
DS 4
SWH 24038.461 Hz
FIDRES 0.733566 Hz
AQ 0.6816244 sec
RG 54.07
DE 20.800 usec
TE 299.8 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

CHANNEL F1
NUC1 13C
P1 8.90 usec
PLW1 54.00000000 W
SFO1 100.6278588 MHz

CHANNEL F2
CPDPRG2 waltz16
NUC2 1H
P2 80.00 usec
PLW2 12.00000000 W
SFO2 400.1516008 MHz

F2 - Processing parameters
SI 16384
SF 100.6177863 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





Current Data Parameters
 NAME Dr. A HATRA 2014
 EXPNO 859
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140907
 Time 20.12
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 54.07
 DW 60.800 usec
 DE 6.50 usec
 TE 296.3 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL F1 =====
 NUC1 1H
 P1 14.75 usec
 PLW1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.150081 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

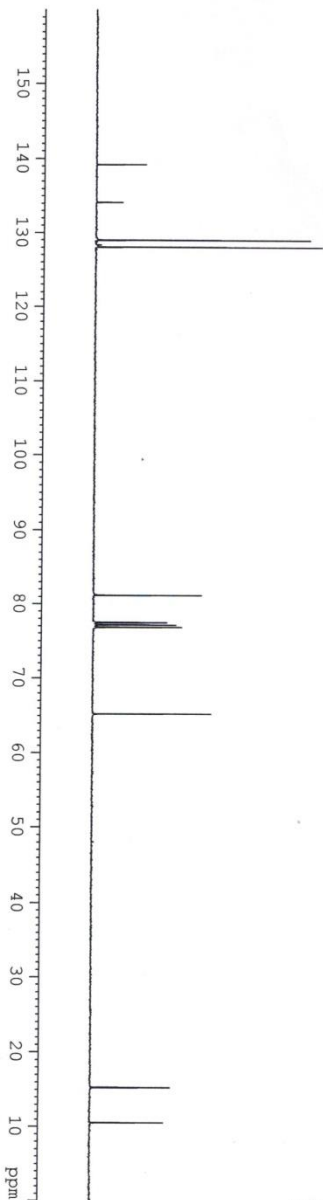
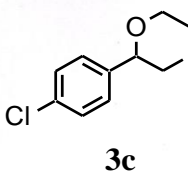


139.18
134.12
128.94
128.02

81.20
77.47
77.16
76.84

65.26

15.26
10.51



Current Data Parameters
NAME Dr. A HAURA 2014
EXPNO 863
PROCNO 1

F2 - Acquisition Parameters

Date_ 20140908
Time_ 12.30
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 400
DS 2
SWH 24038.461 Hz
FIDRES 0.733396 Hz
AQ 0.6916244 sec
RG 34.07
Dw 20.800 usec
DE 6.50 usec
TE 300.5 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====

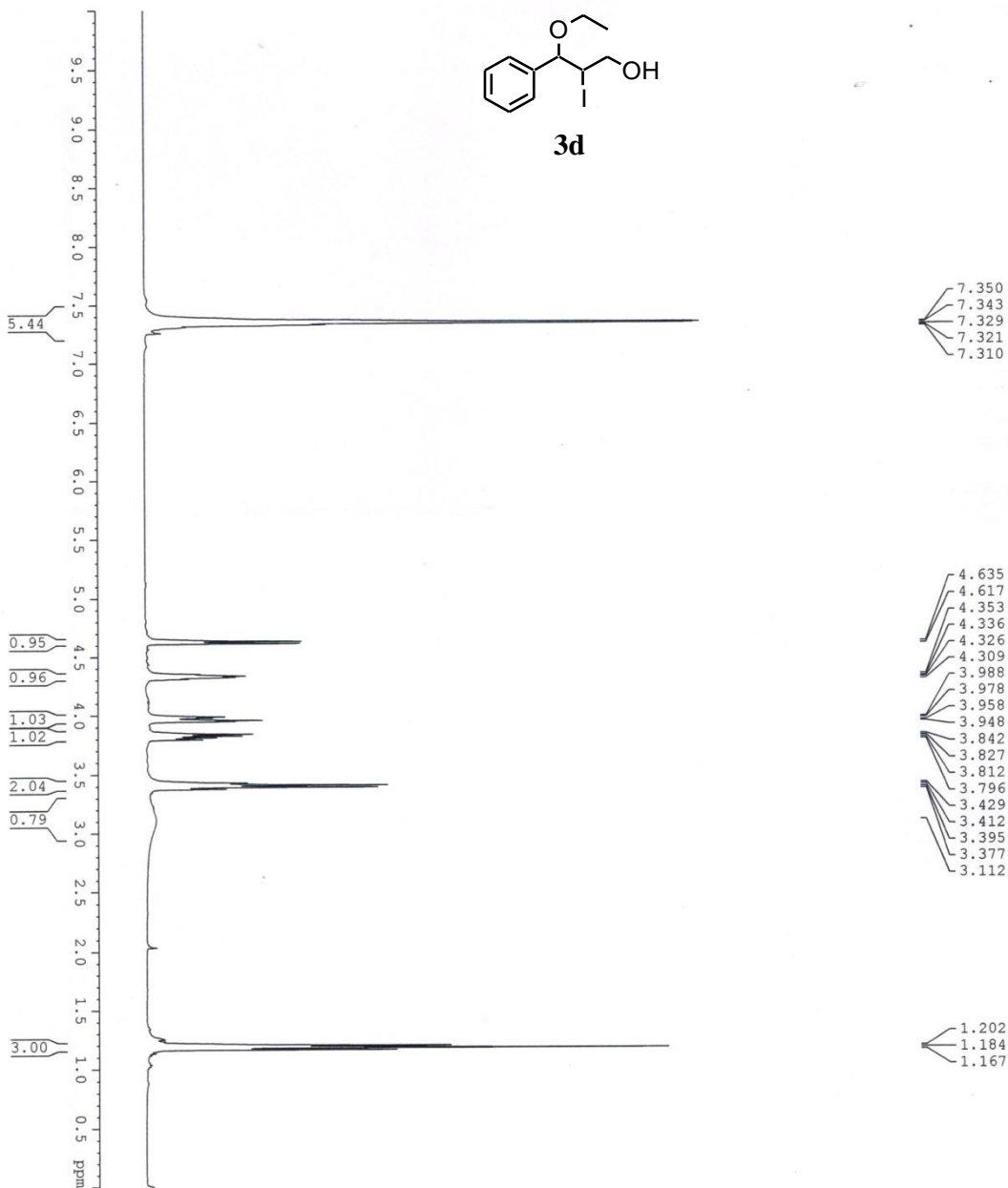
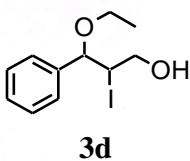
NUC1 13C
P1 8.90 usec
PLM1 54.00000000 W
SF01 100.6278588 MHz

===== CHANNEL f2 =====

CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PLM2 12.00000000 W
PLM12 0.40792999 W
PLM13 0.26107001 W
SF02 400.1516006 MHz

F2 - Processing parameters

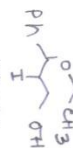
SI 16384
SF 100.6177863 MHz
WDW EM
SSB 0
GB 0
PC 1.40



7.350
7.343
7.329
7.321
7.310

4.635
4.617
4.353
4.336
4.326
4.309
3.988
3.978
3.958
3.948
3.842
3.827
3.812
3.796
3.429
3.412
3.395
3.377
3.112

1.202
1.184
1.167



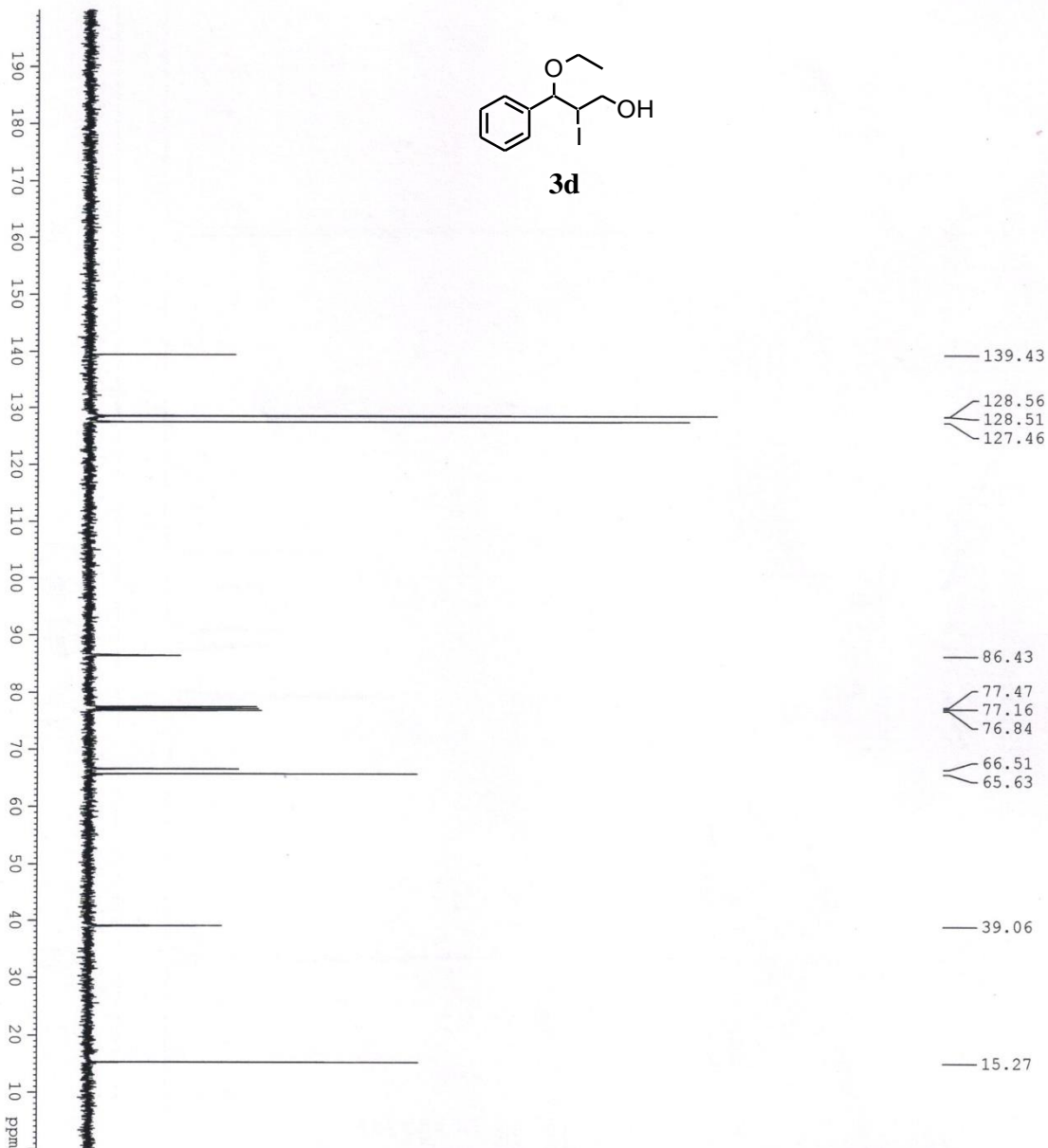
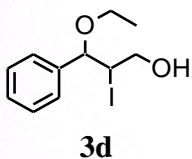
Current Data Parameters
NAME Di. A HAURA 2014
EXPNO 900
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140913
Time 19.21
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 2

SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 40.87
DM 60.800 usec
DE 6.50 usec
TE 298.9 K
D1 1.00000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
E1 11.99496989 W
SFO1 400.1524711 MHz

F2 - Processing parameters
SI 16384
SF 400.1500097 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Current Data Parameters
 NAME Dr. A. HAUBA 2014
 EXPNO 901
 PROCNO 1



F2 - Acquisition Parameters

Date_ 20140913
 Time 19.27
 INSTRUM spect
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 80
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.681624 sec
 RG 40.87
 DW 20.800 usec
 DE 6.50 usec
 TE 299.5 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

CHANNEL F1

NUC1 13C
 P1 8.90 usec
 PL1 54.0000000 W
 SFO1 100.6278598 MHz

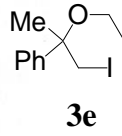
CHANNEL F2

NAME2 waltz16
 NUC2 1H
 PCD2 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.40792999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters

SI 16384
 SF 100.6177924 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 FC 1.40

1H of VBNC-112



7.420
7.417
7.401
7.373
7.359
7.355
7.344
7.339
7.338
7.309
7.306
7.290
7.286
7.271
7.259
7.253

3.532
3.506
3.473
3.451
3.446
3.358
3.341
3.324
3.320
3.236
3.219
3.202
3.185

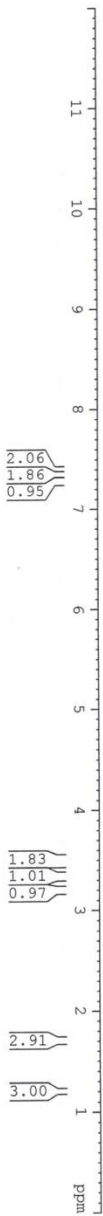
1.701
1.227
1.222
1.209
1.205
1.192
1.187

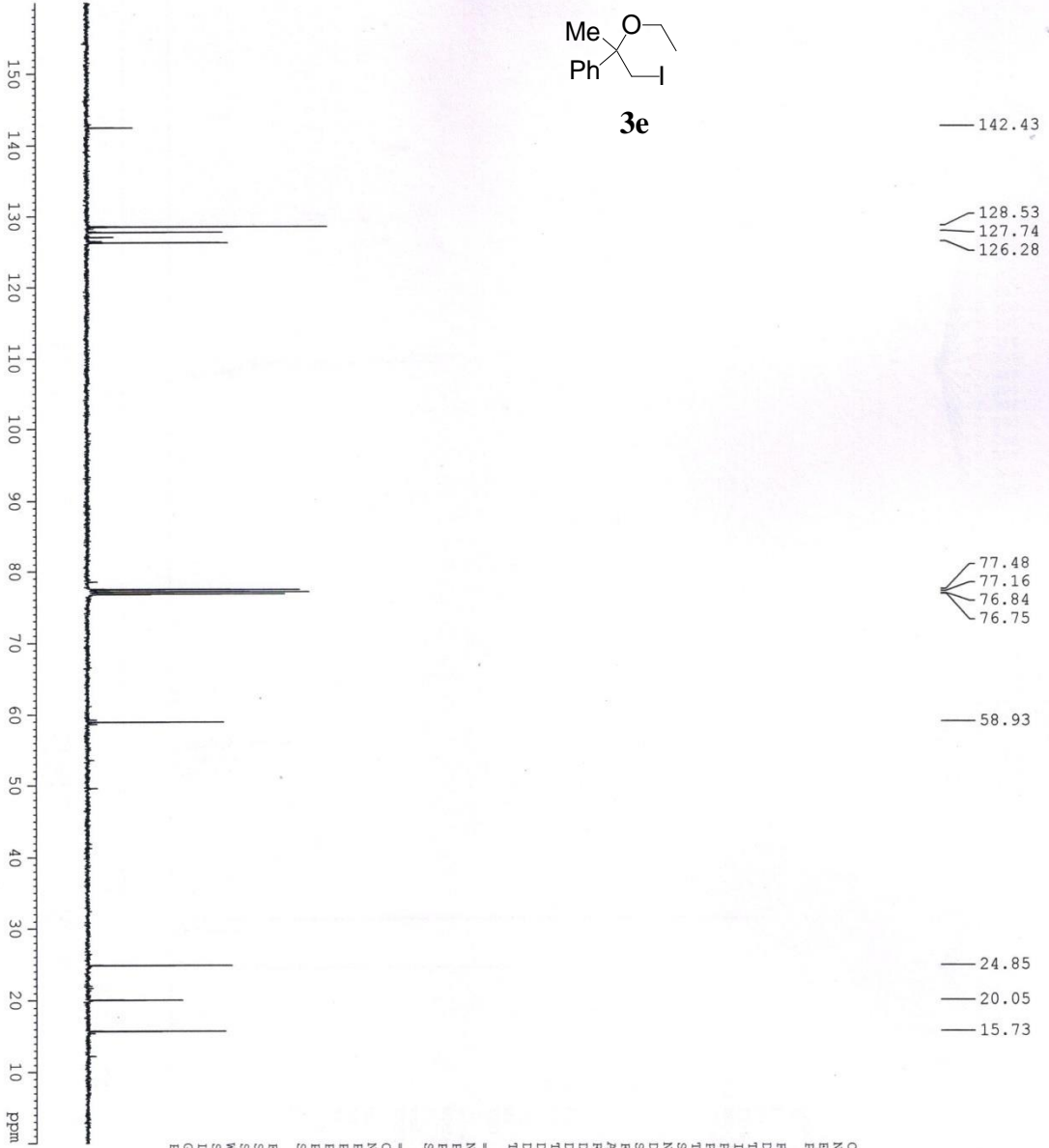
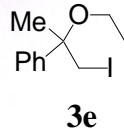


Current Data Parameters
NAME Dr. A HAJRA 2014
EXNO 909
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140915
Time 20.30
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl₃
NS 32
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 87.66
DW 60.800 usec
DE 6.50 usec
TE 298.3 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
PL1 11.99499989 W
SFO1 400.1524711 MHz
F2 - Processing parameters
SI 16384
SF 400.1500107 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





Current Data Parameters
 NAME Dr. A HAVRA 2014
 EXPNO 911
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20140916
 Time 14:42
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 186
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 87.66
 RM 20.850 usec
 DM 4.50
 TE 299.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

CHANNEL F1

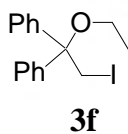
NUC1 13C
 P1 8.90 usec
 PL1 54.0000000 W
 SFO1 100.6278588 MHz

CHANNEL F2

CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PLW2 12.00000000 W
 PLW12 0.40792999 W
 PLW13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters

SI 16384
 SF 100.6177851 MHz
 NSW 8M
 SSB 0
 TB 1.00 Hz
 GB 0
 PC 1.40

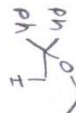


7.380
7.359
7.286
7.268
7.248
7.217
7.198
7.181

4.104

3.244
3.228
3.210
3.193

1.267
1.250
1.233



Current Data Parameters
NAME Dr. A HAJRA 2014
EXPNO 907
PROCNO 1

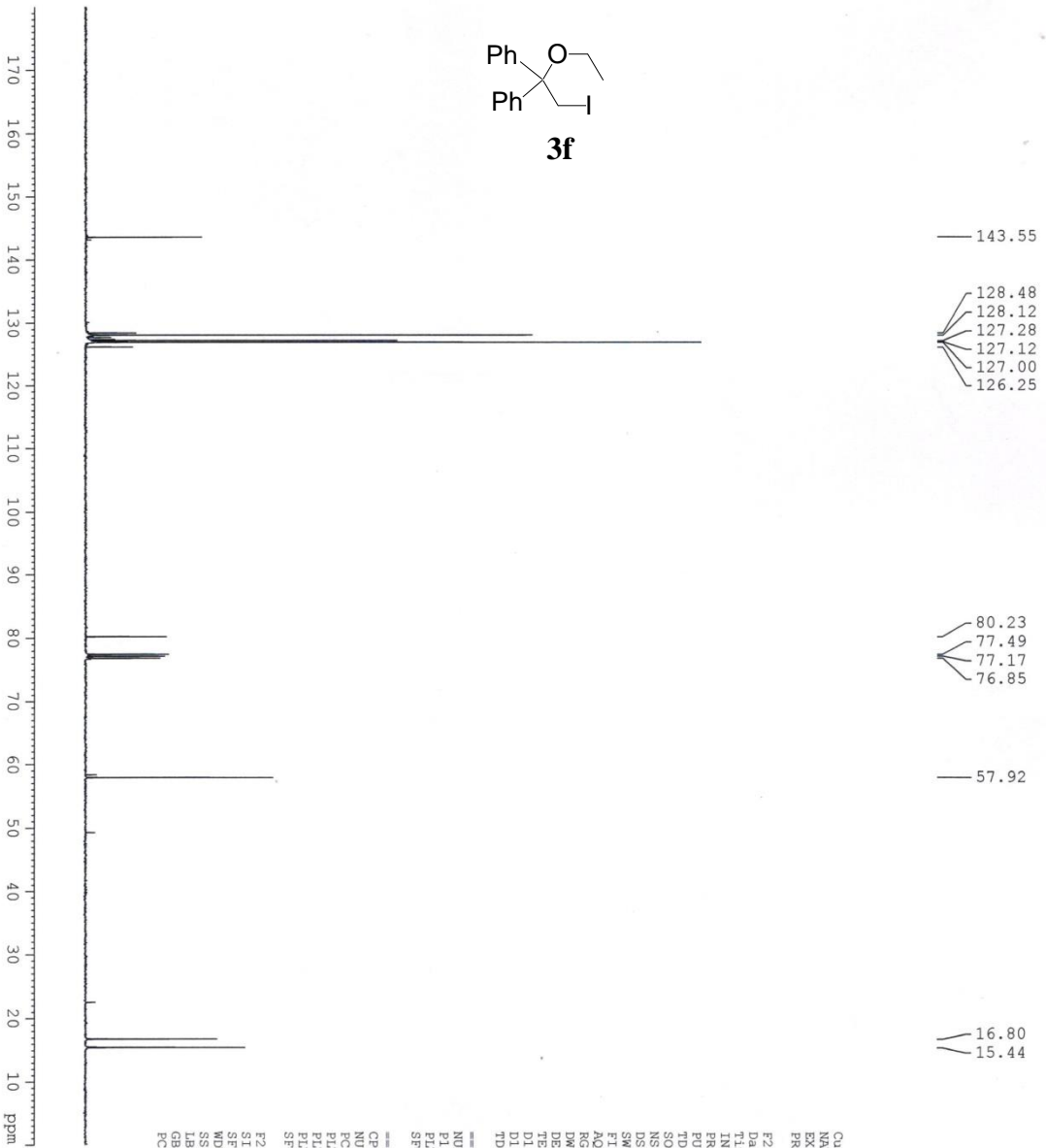
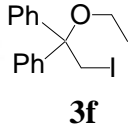
F2 - Acquisition Parameters
Date_ 20140913
Time 16.15

INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 24

DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 30.11
DM 60.800 usec
DE 6.50 usec
TE 299.1 K
D1 1.00000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
PLM1 11.9949989 W
SFO1 400.1524711 MHz
F2 - Processing parameters
SI 16384
SF 400.1500371 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





143.55
 128.48
 128.12
 127.28
 127.12
 127.00
 126.25
 80.23
 77.49
 77.17
 76.85
 57.92
 16.80
 15.44

Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 908
 PROCNO 1

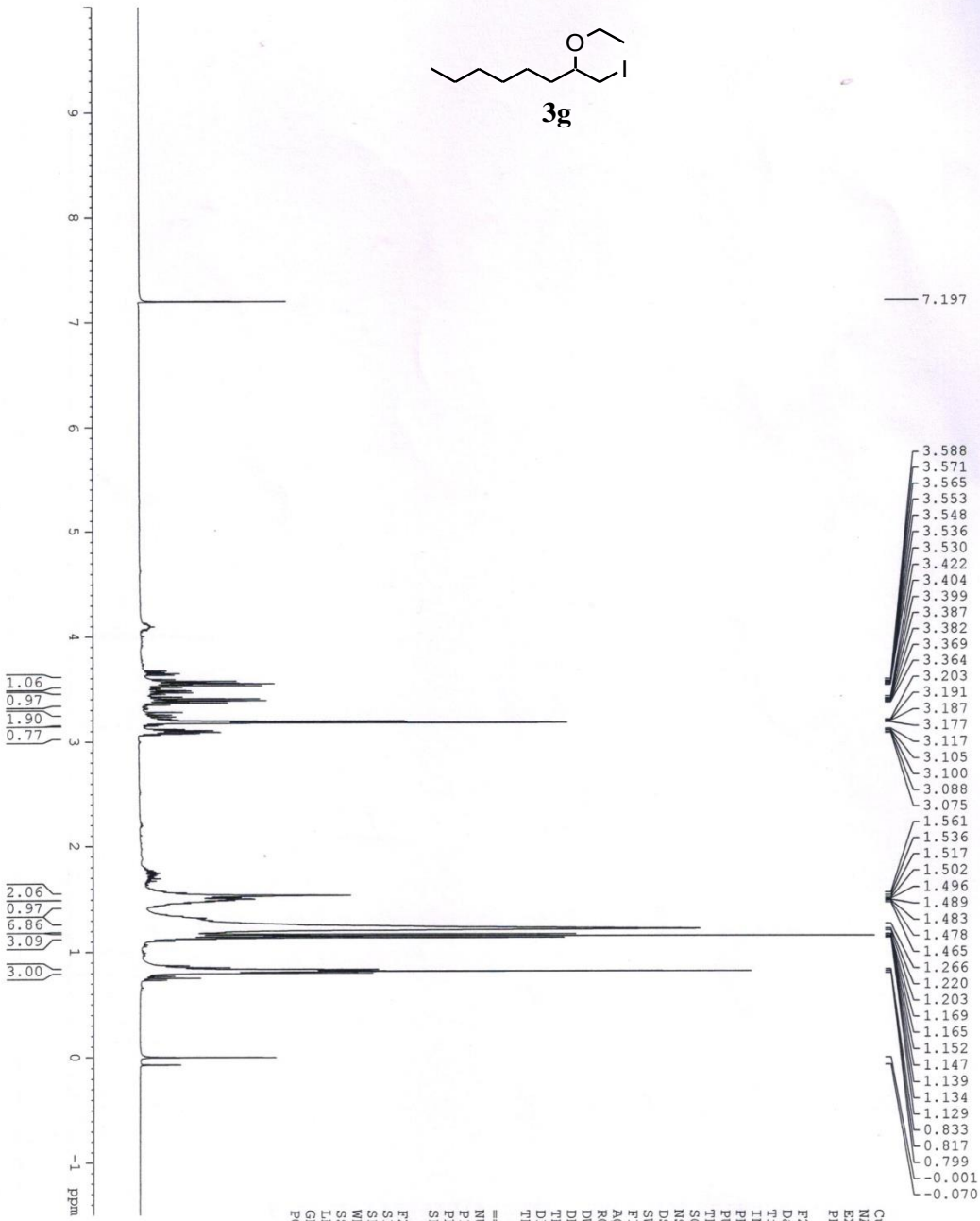
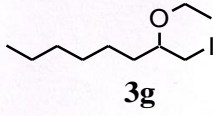
F2 - Acquisition Parameters
 Date_ 20140905
 Time 16:31
 INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 240
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.681624 sec
 RG 327.68
 DW 20.900 usec
 DE 6.50 usec
 TE 299.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUCL1 13C
 P1 130
 PL1 80.30 usec
 F1 54.000000 MHz
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P1 80.00 usec
 PCPD2 12.00000000 W
 PLW2 0.40792999 W
 PLW1 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177950 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40





- 3.588
- 3.571
- 3.565
- 3.553
- 3.548
- 3.536
- 3.530
- 3.422
- 3.404
- 3.399
- 3.387
- 3.382
- 3.369
- 3.364
- 3.203
- 3.191
- 3.187
- 3.177
- 3.117
- 3.105
- 3.100
- 3.088
- 3.075
- 1.561
- 1.536
- 1.517
- 1.502
- 1.496
- 1.489
- 1.483
- 1.478
- 1.465
- 1.266
- 1.220
- 1.203
- 1.169
- 1.165
- 1.152
- 1.147
- 1.139
- 1.134
- 1.129
- 0.833
- 0.817
- 0.799
- 0.001
- 0.070



Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 882
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140909
 Time 18.38

INSIRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30

TD 32768
 SOLVENT CDCl3
 NS 16

DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz

AQ 1.9923444 sec
 RG 87.66
 DW 60.800 usec

DE 6.50 usec
 TE 298.2 K
 D1 1.00000000 sec

TD0 1
 CHANNEL f1

NUC1 1H
 P1 14.75 usec
 PLW1 11.99499989 W

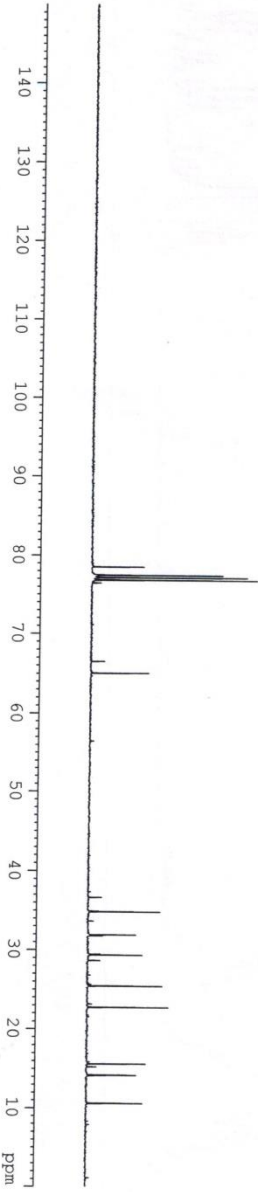
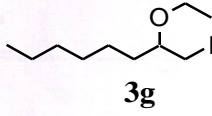
SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500343 MHz

WDW EM
 SSB 0
 GB 0
 PC 1.00



- 78.53
- 77.48
- 77.16
- 76.84
- 65.06
- 34.82
- 31.90
- 29.35
- 25.41
- 22.73
- 15.63
- 14.20
- 10.61



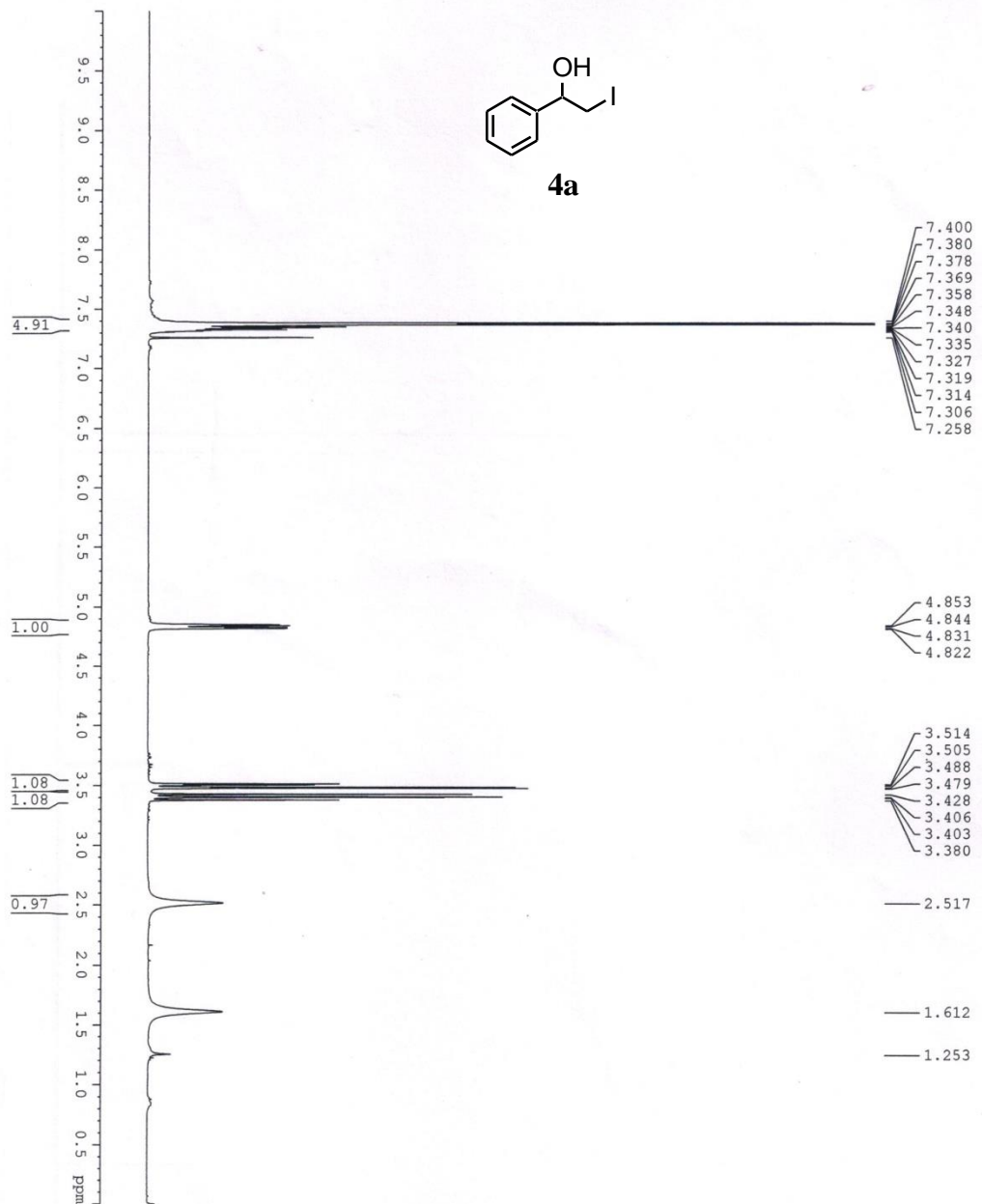
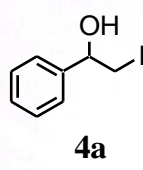
Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 883
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140909
 Time 19.49
 INSTRUM spect
 PROBD 5 mm PABBO BH/
 PULPROG zgpg30
 TD 32768
 SOLVENT NS
 NS 1024
 DS 2
 SMH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 87.66
 DE 20.800 usec
 TE 299.1 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

CHANNEL F1
 NUC1 13C
 P1 8.90 usec
 PLM1 54.00000000 W
 SFO1 100.6279588 MHz

CHANNEL F2
 GEOPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 P1 12.00000000 W
 PLM2 0.00000000 W
 PLM12 0.26107029 M
 PLM13 0.26107029 M
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177832 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 FC 1.40



7.400
7.380
7.378
7.369
7.358
7.348
7.340
7.335
7.327
7.319
7.314
7.306
7.258

4.853
4.844
4.831
4.822

3.514
3.505
3.488
3.479
3.428
3.406
3.403
3.380

2.517
1.612
1.253

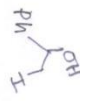
4.91

1.00

1.08
1.08

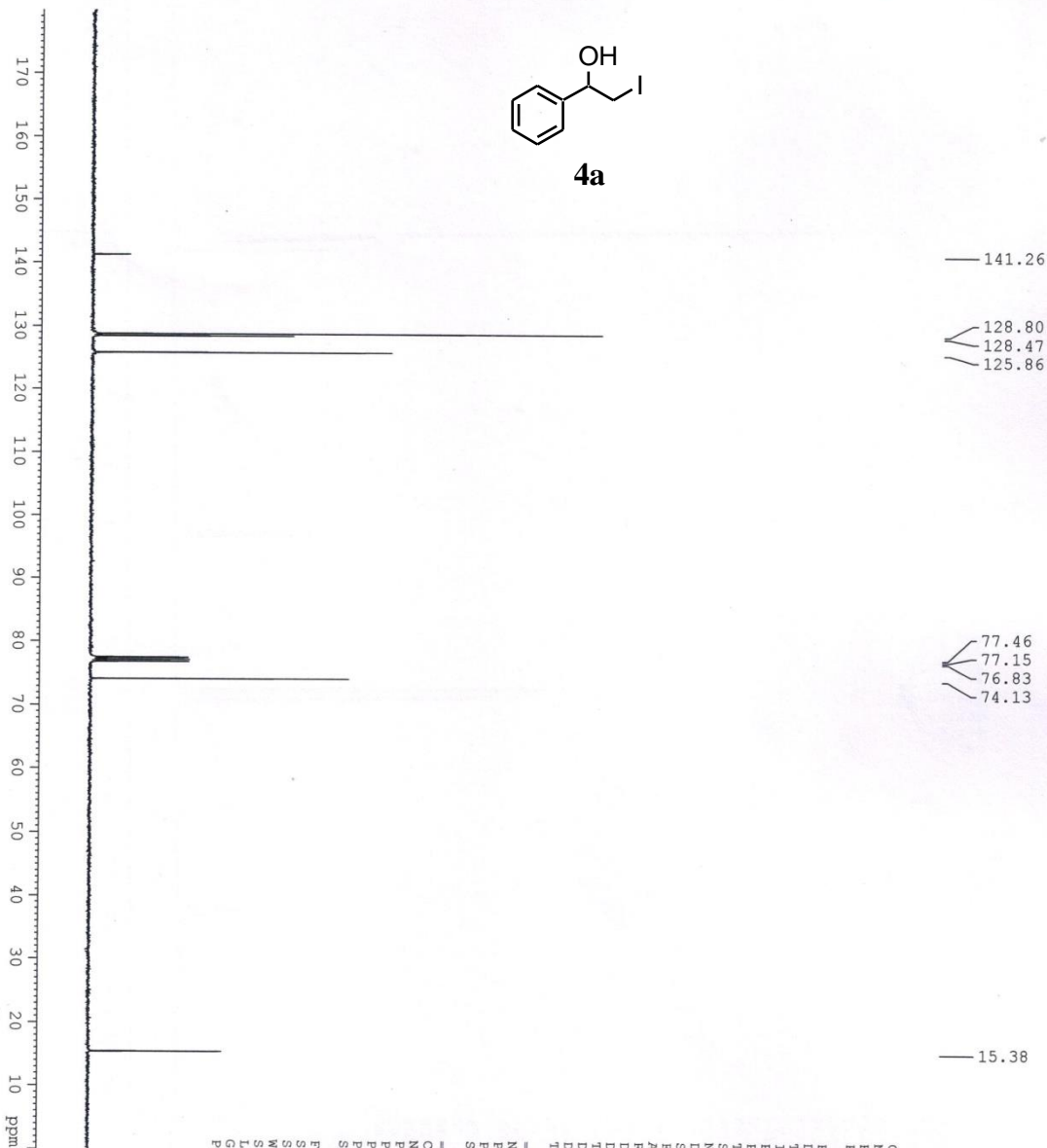
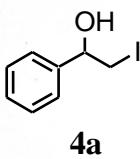
0.97

Current Data Parameters
NAME Dr. A HAURA 2014
EXPNO 933
PROCNO 1



F2 - Acquisition Parameters
Date_ 20140922
Time 18.58
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 8223.695 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 87.66
DW 60.800 usec
DE 6.50 usec
TE 295.0 K
DL 1.00000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
PI 14.75 usec
PLW1 11.99499989 W
SFO1 400.1524711 MHz
F2 - Processing parameters
SI 16384
SF 400.1500101 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



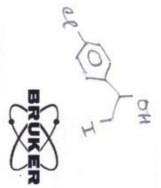
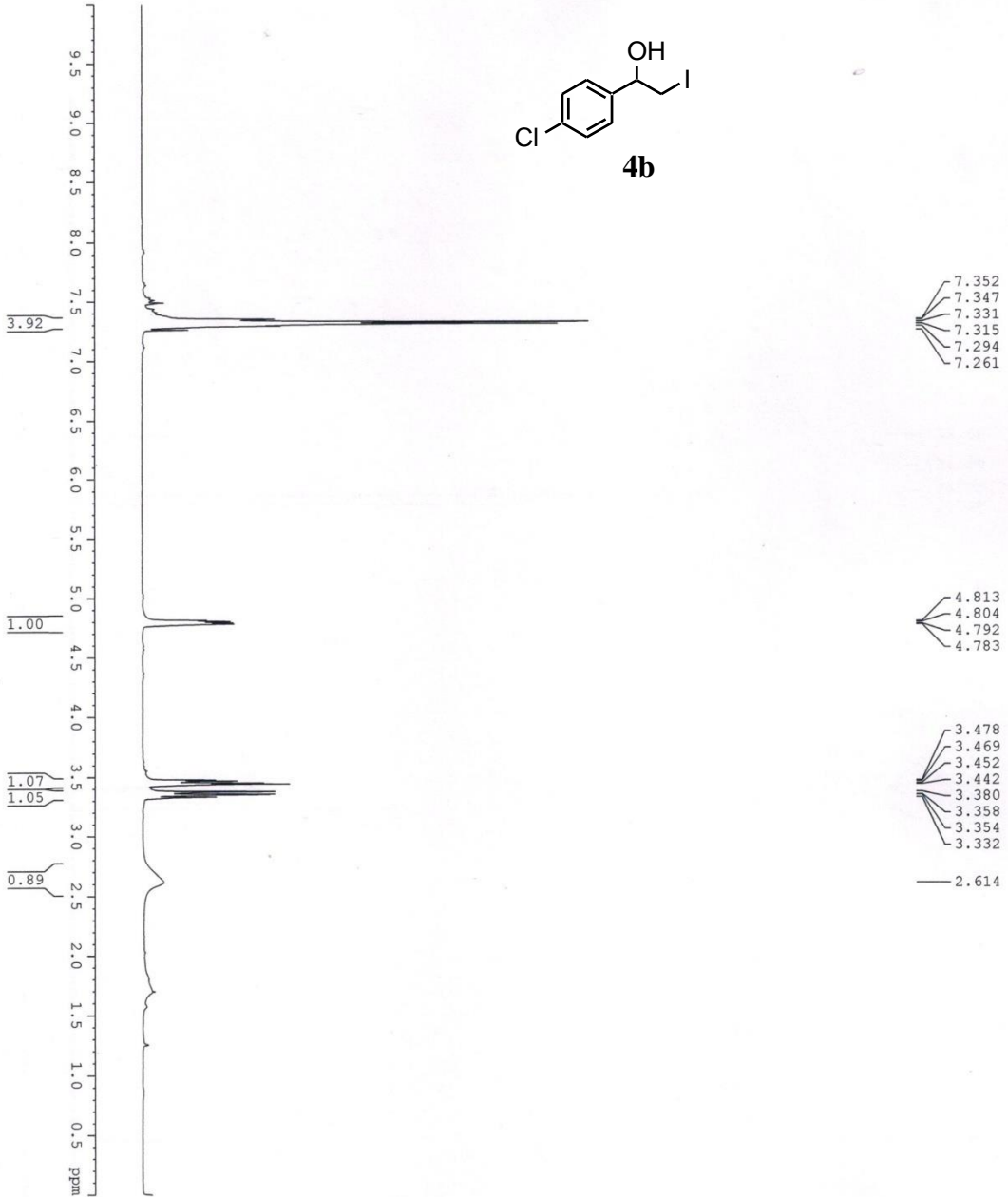
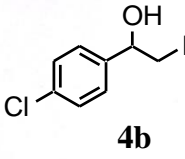
Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 940
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140926
 Time_ 14:34
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 512
 DS 2
 SMH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 286.42
 DW 2.8640 usec
 DE 6.50 usec
 TE 298.2 K
 D11 2.00000000 sec
 TD0 0.03000000 sec
 1

CHANNEL f1
 NUC1 13C
 P 9.30 usec
 F1W1 54.000000 MHz
 SFO1 100.6278588 MHz

CHANNEL f2
 CPDPRG2 waltz16
 NUC2 1H
 F2P2 80.00 usec
 F2W2 12.00000000 W
 F2M12 0.40792999 W
 F2M13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177906 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



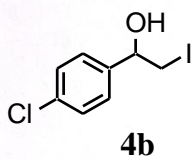
Current Data Parameters
 NAME DR. A HAVRA 2014
 EXPNO 930
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20140926
 Time 18.11
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 87.66
 DW 60.800 usec
 DE 6.50 usec
 TE 297.3 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====

NUC1 1H
 P1 14.75 usec
 P1M1 11.99499989 W
 SFO1 400.1524711 MHz
 F2 - Processing parameters
 SI 16394
 SE 400.1500086 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



139.66
134.19
128.97
127.28

77.47
77.16
76.84
73.40

15.06



Current Data Parameters
NAME Dr. A HARVA 2014
EXPNO 939
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140926
Time 18.38
INSTRUM spect
PROBHD 5 mm PABBO
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 400
DS 2
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6816244 sec
RG 87.66
DW 20.800 usec
DE 6.50 usec
TE 298.2 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

CHANNEL f1
NUC1 13C
P1 8.90 usec
PLM1 54.00000000 W
SFO1 100.6278588 MHz

CHANNEL f2
CPDPRG2 walz216
NUC2 1H
PCPD2 80.00 usec
PLM2 12.00000000 W
PLM3 4.40792999 W
PLM13 0.26107001 W
SFO2 400.1516006 MHz

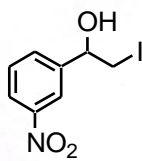
F2 - Processing parameters
SI 16384
SF 100.6177880 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1H of VENC-123-A

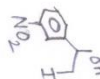
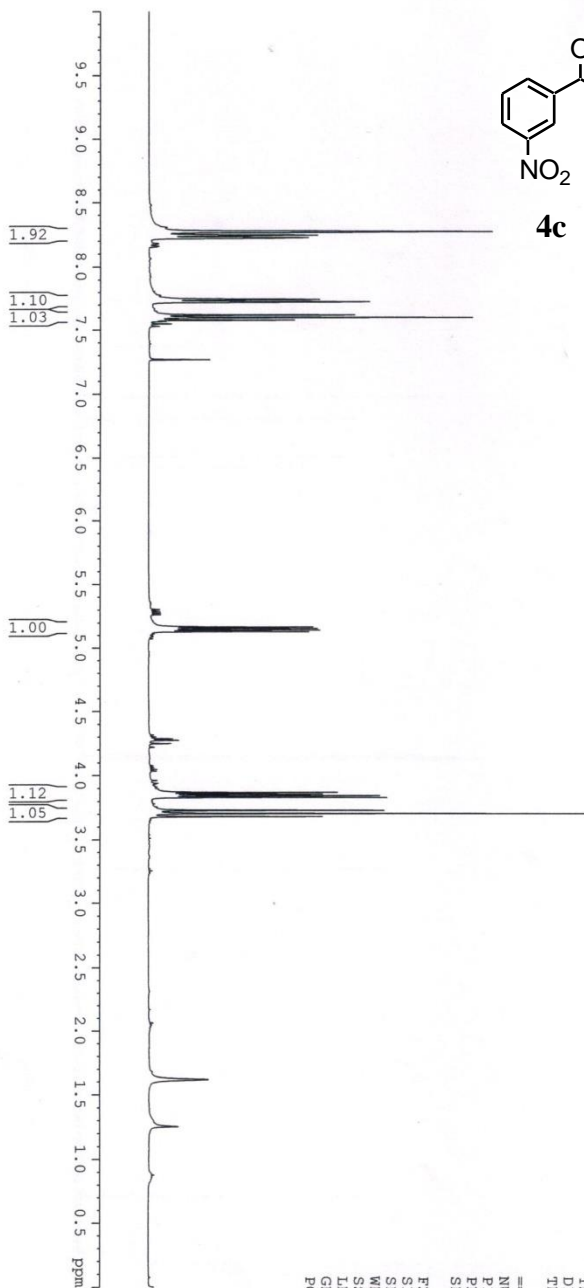
8.278
8.273
8.269
8.249
8.247
8.227
8.224
8.221
7.745
7.725
7.621
7.601
7.581
7.268

5.169
5.156
5.143
5.130

3.872
3.859
3.846
3.833
3.733
3.707
3.682



4c



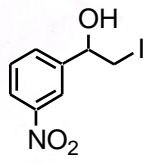
Current Data Parameters
NAME Dr. A HAJRA 2014
EXPNO 956
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141011
Time_ 18.57
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2

SWH 8223.685 Hz
FIDRES 0.251067 Hz
AQ 1.923444 sec
RG 87.66
DM 60.800 usec
DE 6.30 usec
TE 298.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
PLM1 11.9949989 W
SFO1 400.1524711 MHz

F2 - Processing parameters
SI 16384
SF 400.1500055 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



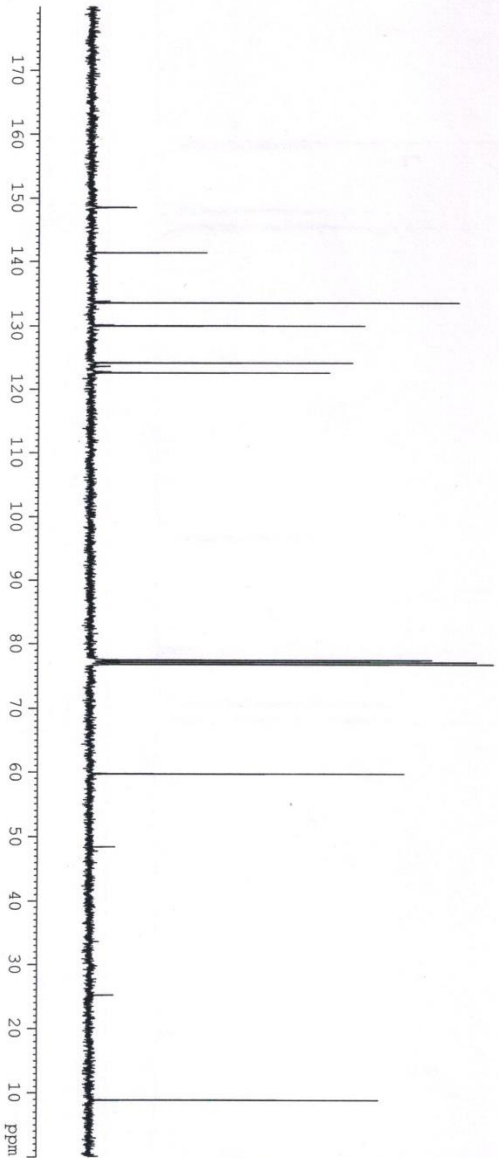
4c

148.47
141.31
133.49
129.96
124.14
122.55

77.47
77.15
76.83

59.69

8.88



Current Data Parameters
NAME VBNC-123A
EXPNO 962
PROCNO 1

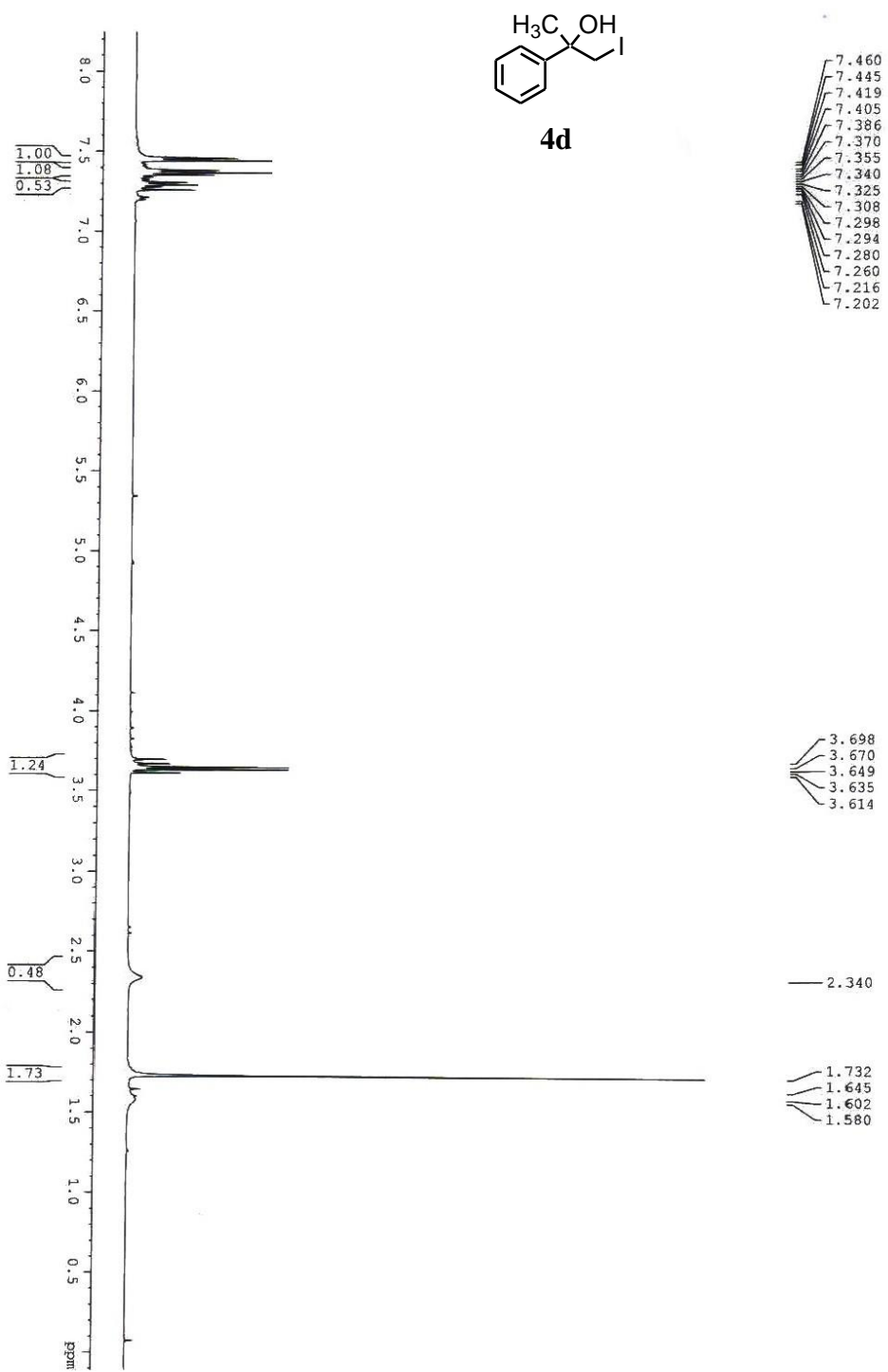
F2 - Acquisition Parameters

Date_ 20141012
Time 13.22
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 249
DS 2
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6816244 sec
RG 87.66
DM 20.800 usec
DE 6.50 usec
TE 299.5 K
D1 2.00000000 sec
D11 0.03000000 sec
D10 1

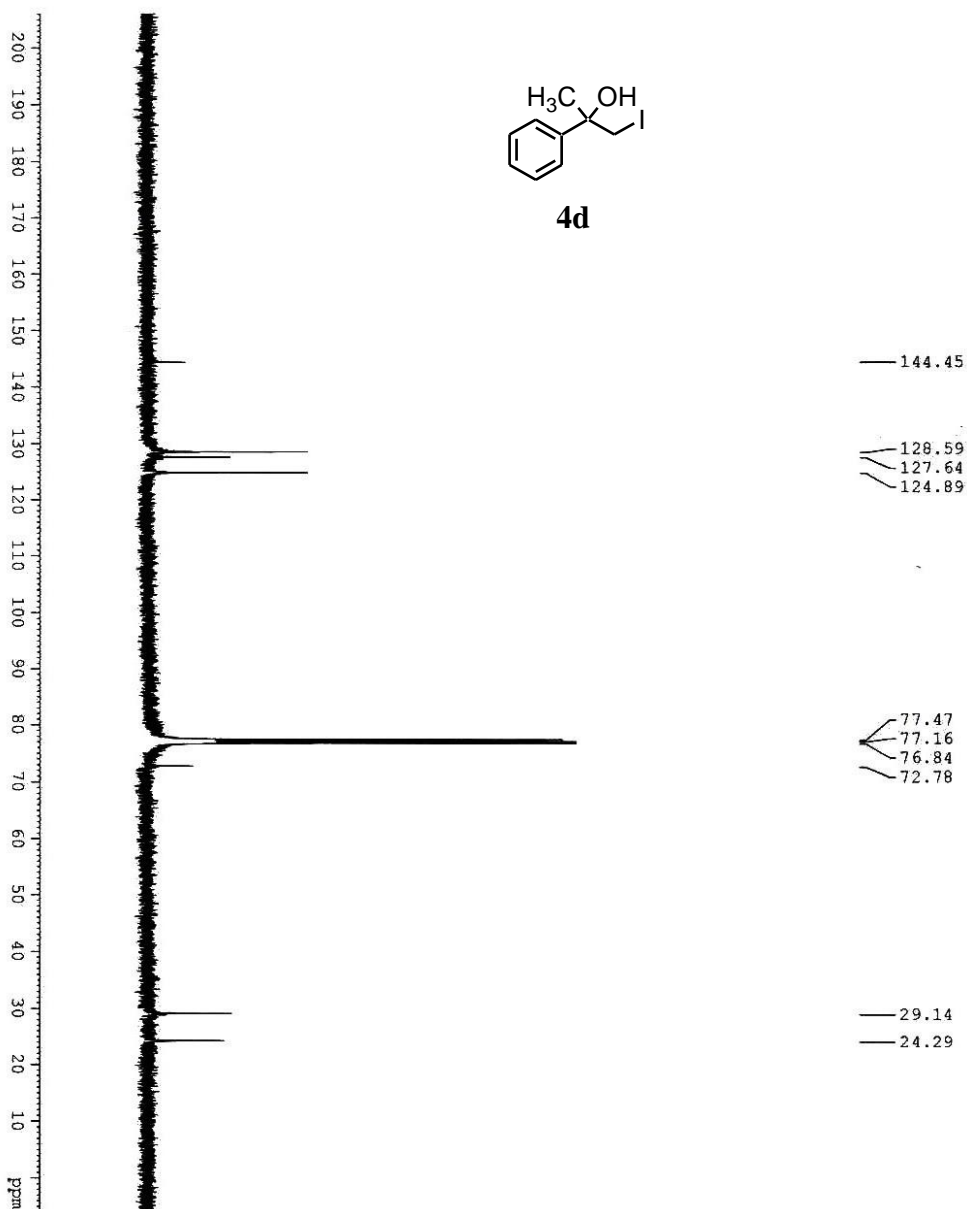
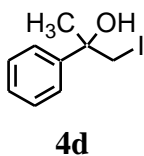
CHANNEL F1 13C
NUC1
P1 8.90 usec
PLW1 54.00000000 W
SFO1 100.6278588 MHz

CHANNEL F2
GPROG2 waltz16
NUC2 13C
P2 80.00 usec
PLW2 12.00000000 W
PLM12 0.40792999 W
PLM13 0.26107001 W
SFO2 400.1516006 MHz

F2 - Processing parameters
SI 16384
SF 100.6177890 MHz
WDW EM
SSB 0
GB 1.00 Hz
PC 1.40



DK-1014-13C-270315-3-(ND)



144.45
128.59
127.64
124.89
77.47
77.16
76.84
72.78
29.14
24.29

Current Data Parameters
NAME Mar27-2015
EXPRNO 3
PROCNO 1

F2 - Acquisition Parameters

Date_ 20150327
Time_ 14.38
INSTRUM spect
PROBHD 5 mm BBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1409
DS 4
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 203
DE 20.800 usec
TE 0 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

CHANNEL F1

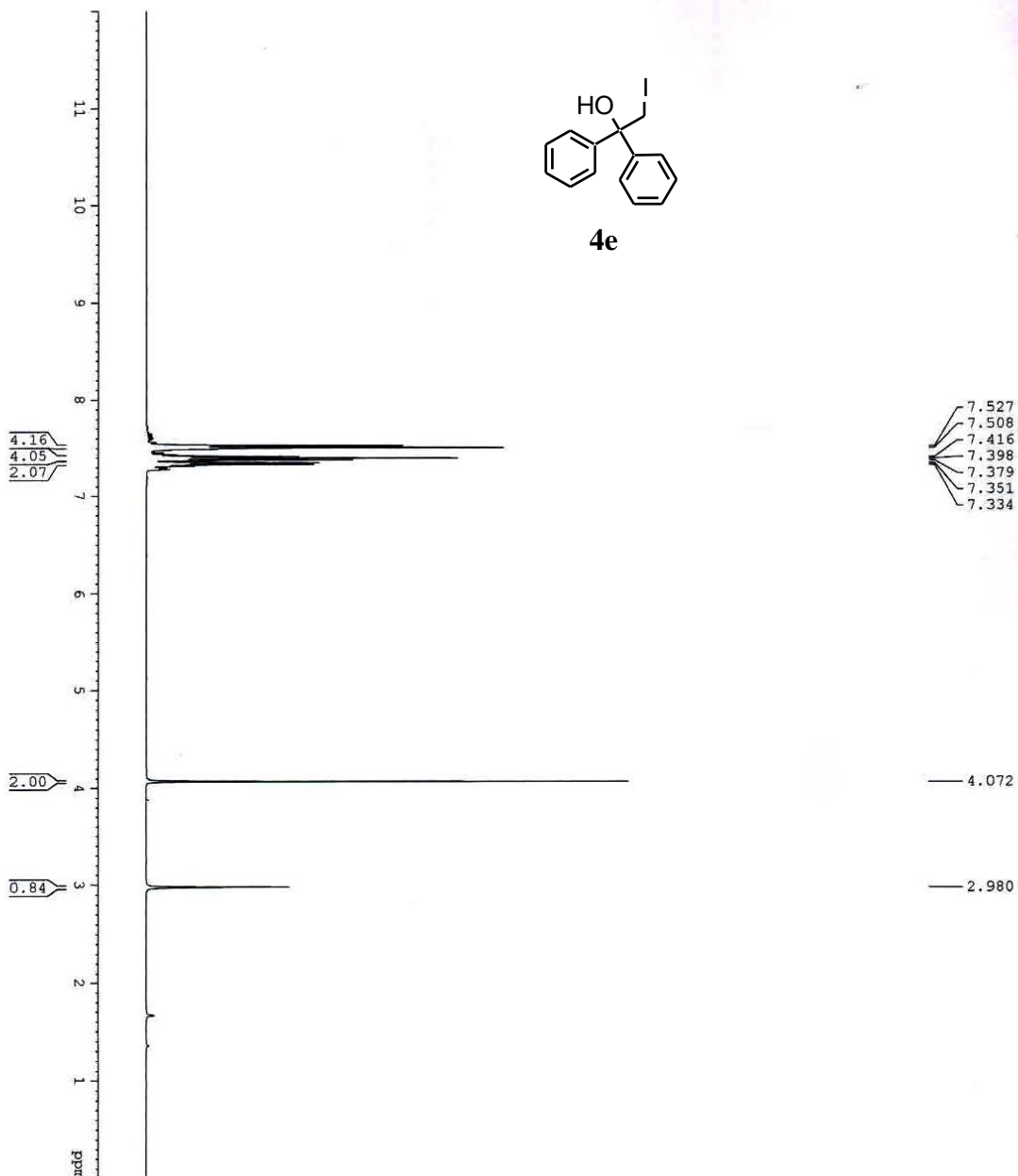
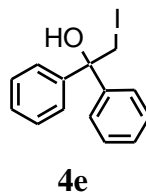
SFO1 100.6404326 MHz
NUC1 13C
P1 9.00 usec
PLW1 55.00000000 W

CHANNEL F2

SFO2 400.2016008 MHz
NUC2 1H
CPDPRG12 waltz16
PCPD2 90.00 usec
PLW2 10.00000000 W
PLW12 0.29660001 W
PLW13 0.24025001 W

F2 - Processing parameters

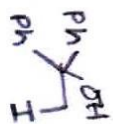
SI 32768
SF 100.6303538 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



7.527
7.508
7.416
7.398
7.379
7.351
7.334

4.072

2.980



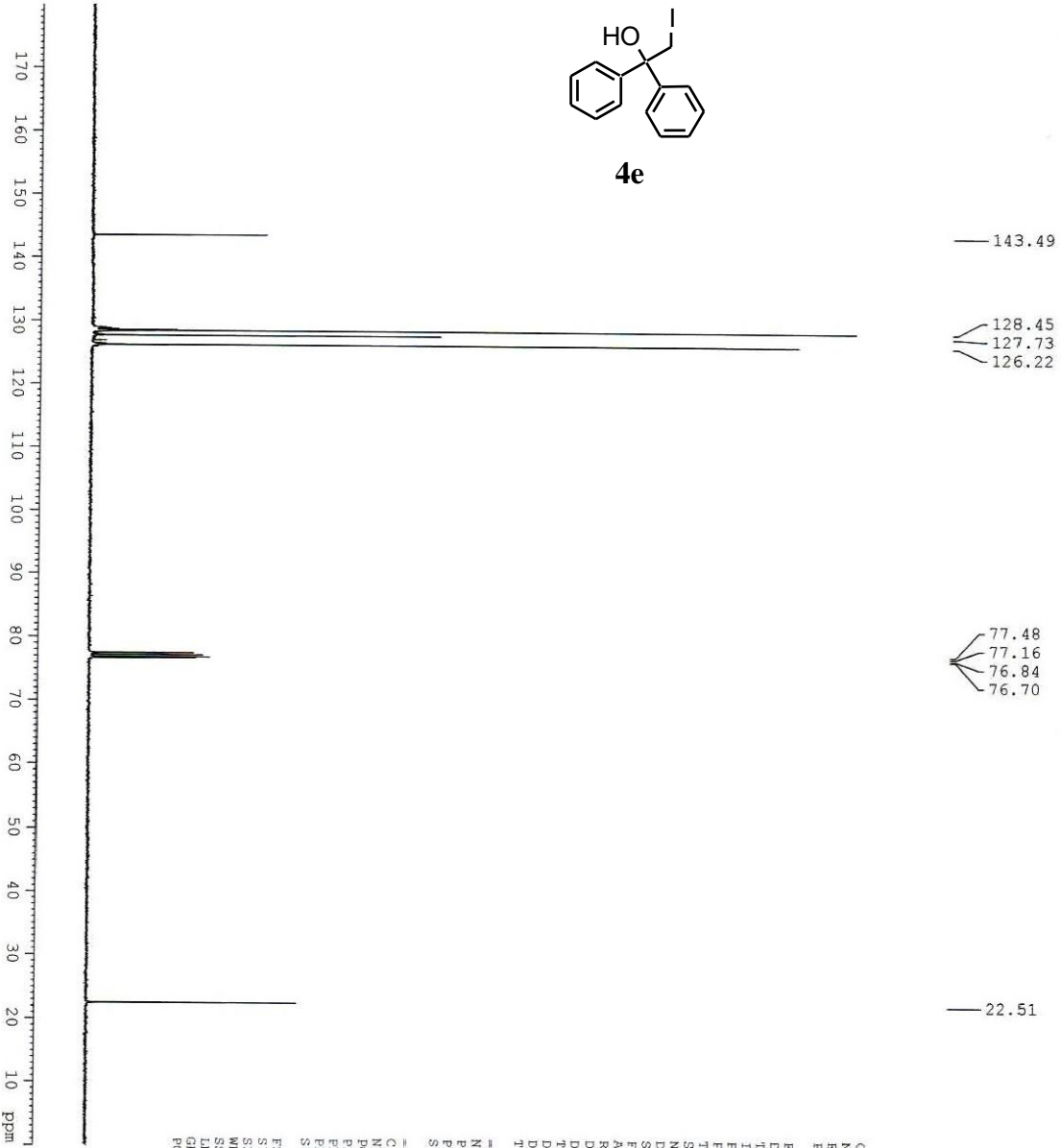
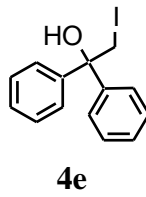
Current Data Parameters
NAME Dr. A MAJEE
EXPNO 1072
PROCNO 1

F2 - Acquisition Parameters

Date_ 20150409
Time_ 16.22
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 32.25
DW 60.800 usec
DE 6.50 usec
TE 297.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
PLM1 11.99489989 W
SFO1 400.1524711 MHz

F2 - Processing parameters
SI 16384
SF 400.1500000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Current Data Parameters
 NAME Dr. A MAJEE
 EXPNO 1073
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150409
 Time_ 16.42

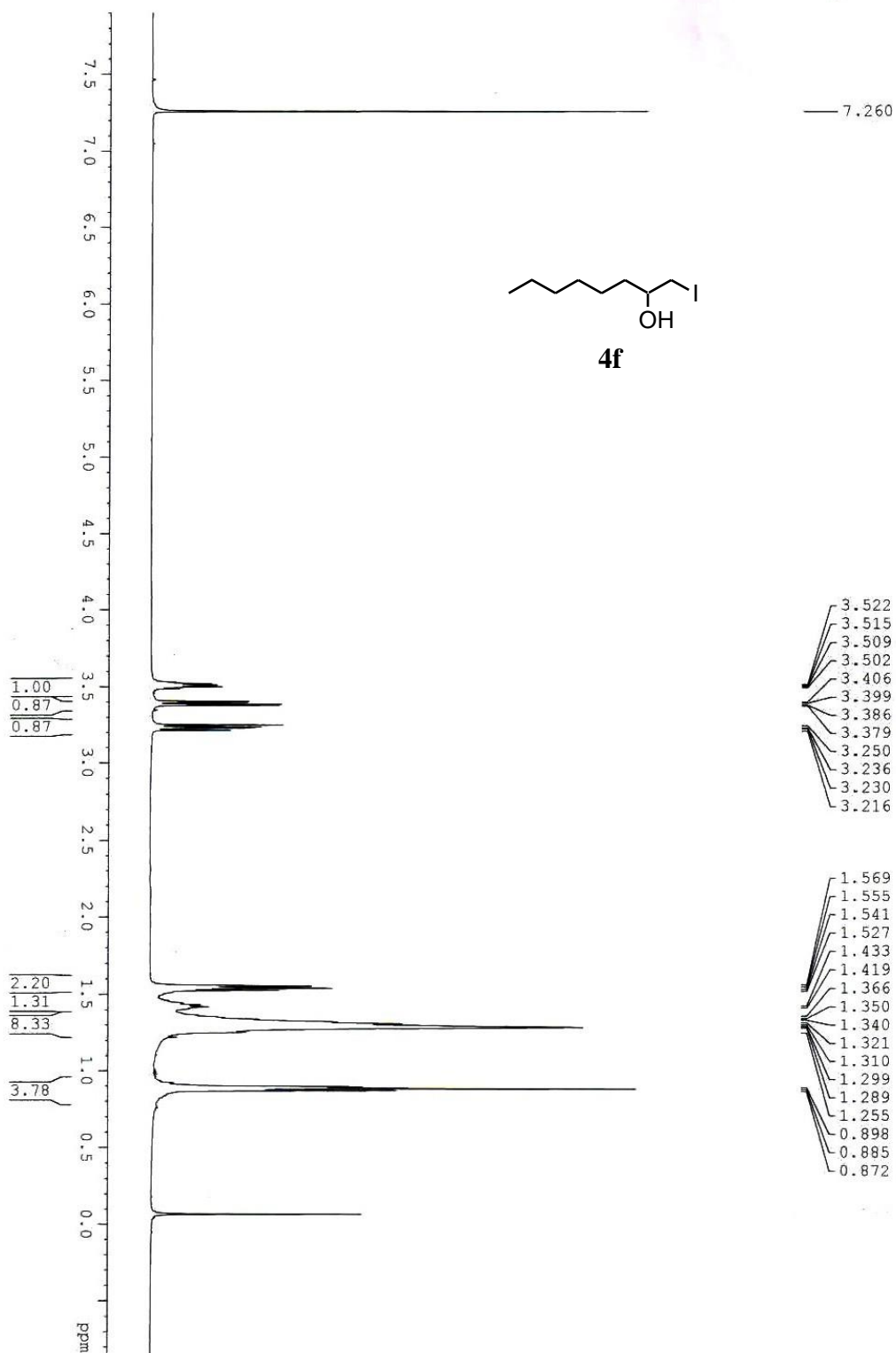
INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 253
 DS 2

SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 32.25
 DW 20.800 usec
 DE 6.50 usec
 PE 298.2 K
 DI 2.000000 sec
 D11 0.03000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUCL1 13C
 P1 8.90 usec
 PLW1 54.00000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CHDPRG2 waltz16
 NUCL2 1H
 P2 12.00000000 usec
 PLW2 12.00000000 W
 SFO2 400.1516006 MHz
 PLW13 0.26107001 W
 SFO2 400.1516006 MHz

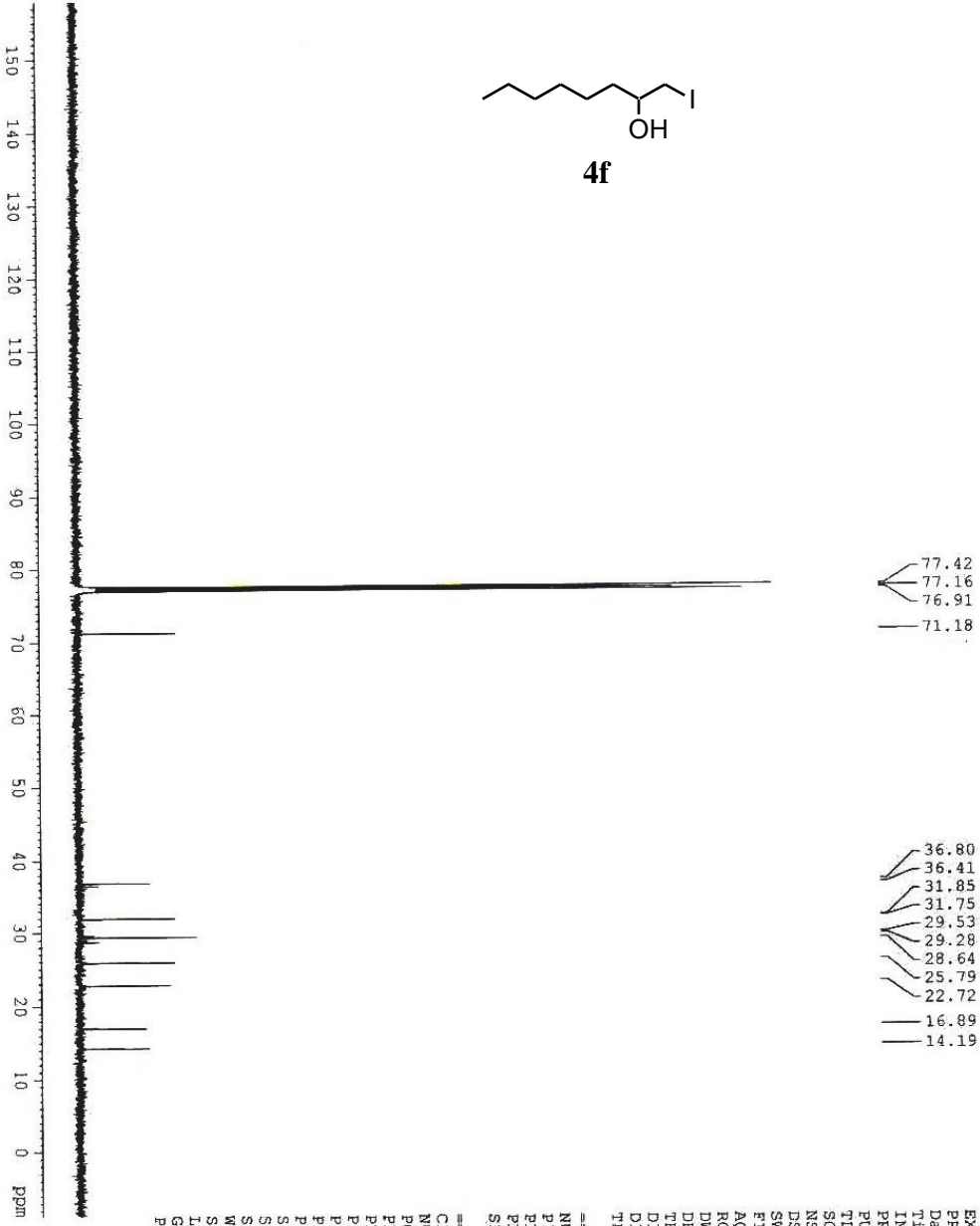
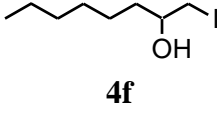
F2 - Processing parameters
 SI 16384
 SF 100.6177991 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



DK-1011-1H (SR) 500MHz



DK1011-13C (SKD)



77.42
77.16
76.91
71.18

36.80
36.41
31.85
31.75
29.53
29.28
28.64
25.79
22.72
16.89
14.19

```

NAME          DK1011-13C
EXPNO         1
PROCNO        1
Date_         20150401
Time_         11.28
INSTRUM       spect
PROBHD        5 mm PABBO B9-
PULPROG       zgpg30
TD            32768
SOLVENT       CDCl3
NS            961
DS            4
SWH           29761.904 Hz
FIDRES        0.908261 Hz
AQ            0.5505324 sec
RG            32
DM            16.800 usec
DE            6.50 usec
TE            300.2 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0           1
  
```

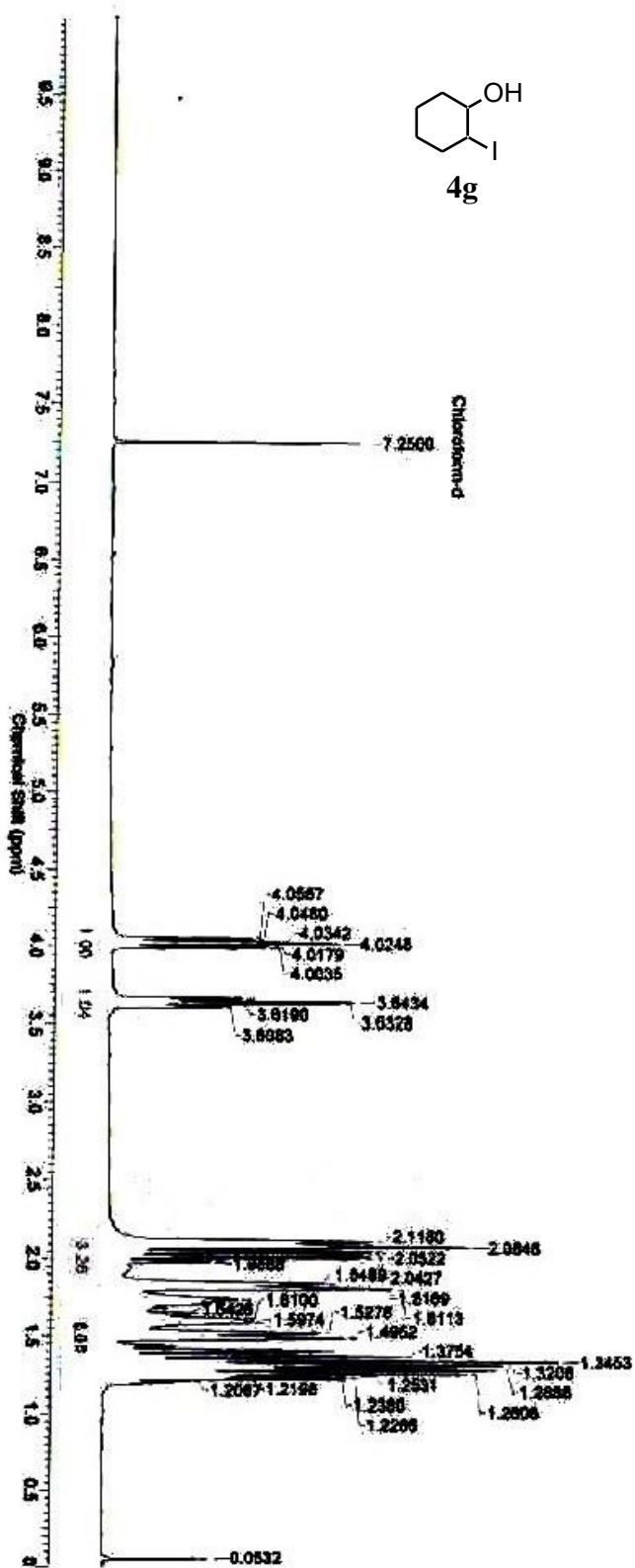
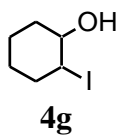
```

===== CHANNEL f1 =====
NUC1          13C
P1            9.88 usec
PL1           0.50 dB
PL1W          82.16106415 W
SFO1          125.7703643 MHz
  
```

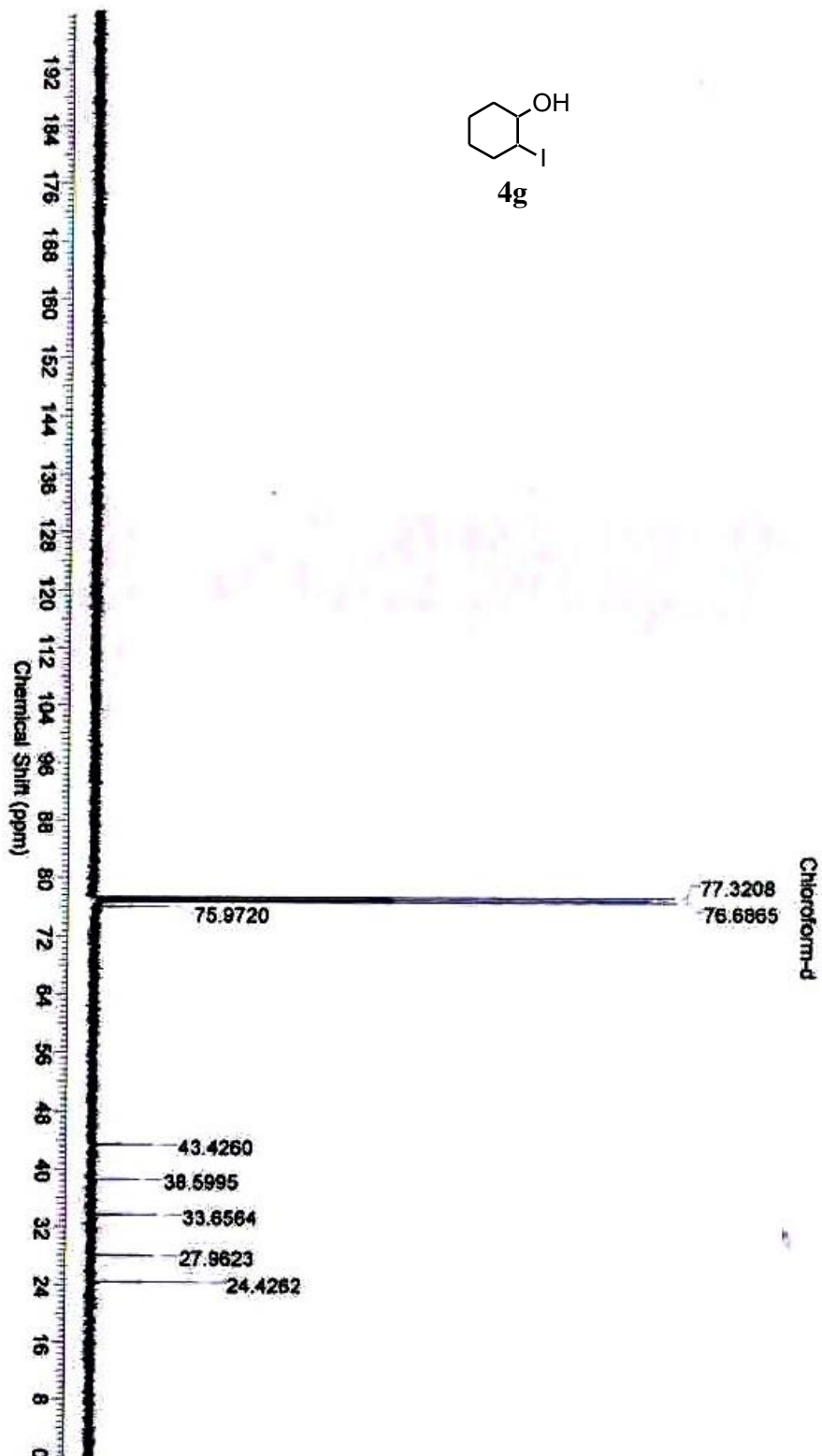
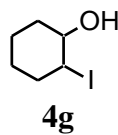
```

===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          1H
PCPD2        80.00 usec
PL2           1.00 dB
PL12         16.50 dB
PL13         20.00 dB
PL1W         15.50318813 W
PL2W         0.43693921 W
PL13W        0.19817358 W
SFO2         500.1320005 MHz
SI            16384
SF           125.7577681 MHz
WDW           EM
SSB           0
LB            1.00 Hz
GB            0
PC            1.40
  
```

VB-NC-207



VB-NC-207





- 7.192
- 4.425
- 4.417
- 4.407
- 4.400
- 4.393
- 4.383
- 4.376
- 4.031
- 4.026
- 4.012
- 4.007
- 4.002
- 3.988
- 3.984
- 2.213
- 2.204
- 2.196
- 2.189
- 2.179
- 2.172
- 2.164
- 2.156
- 2.149
- 2.139
- 2.131
- 2.093
- 2.084
- 2.077
- 2.068
- 2.060
- 2.051
- 2.044
- 2.037
- 2.028
- 2.020
- 2.011
- 1.976
- 1.968
- 1.962
- 1.954
- 1.950
- 1.948
- 1.943
- 1.938
- 1.934
- 1.927
- 1.922
- 1.917
- 1.913
- 1.897
- 1.649
- 1.605
- 1.570
- 1.561
- 1.545
- 1.525
- 1.515
- 1.510
- 1.500
- 1.490
- 1.474
- 1.462
- 1.454
- 1.444



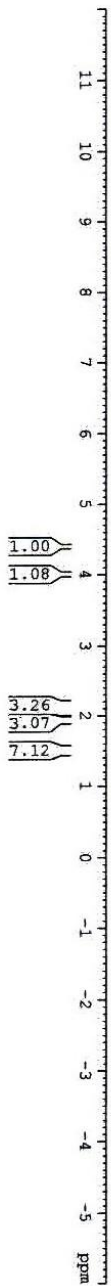
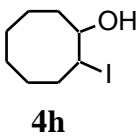
Current Data Parameters
 NAME Dr. A MAJEE
 EXPNO 1078
 PROCNO 1

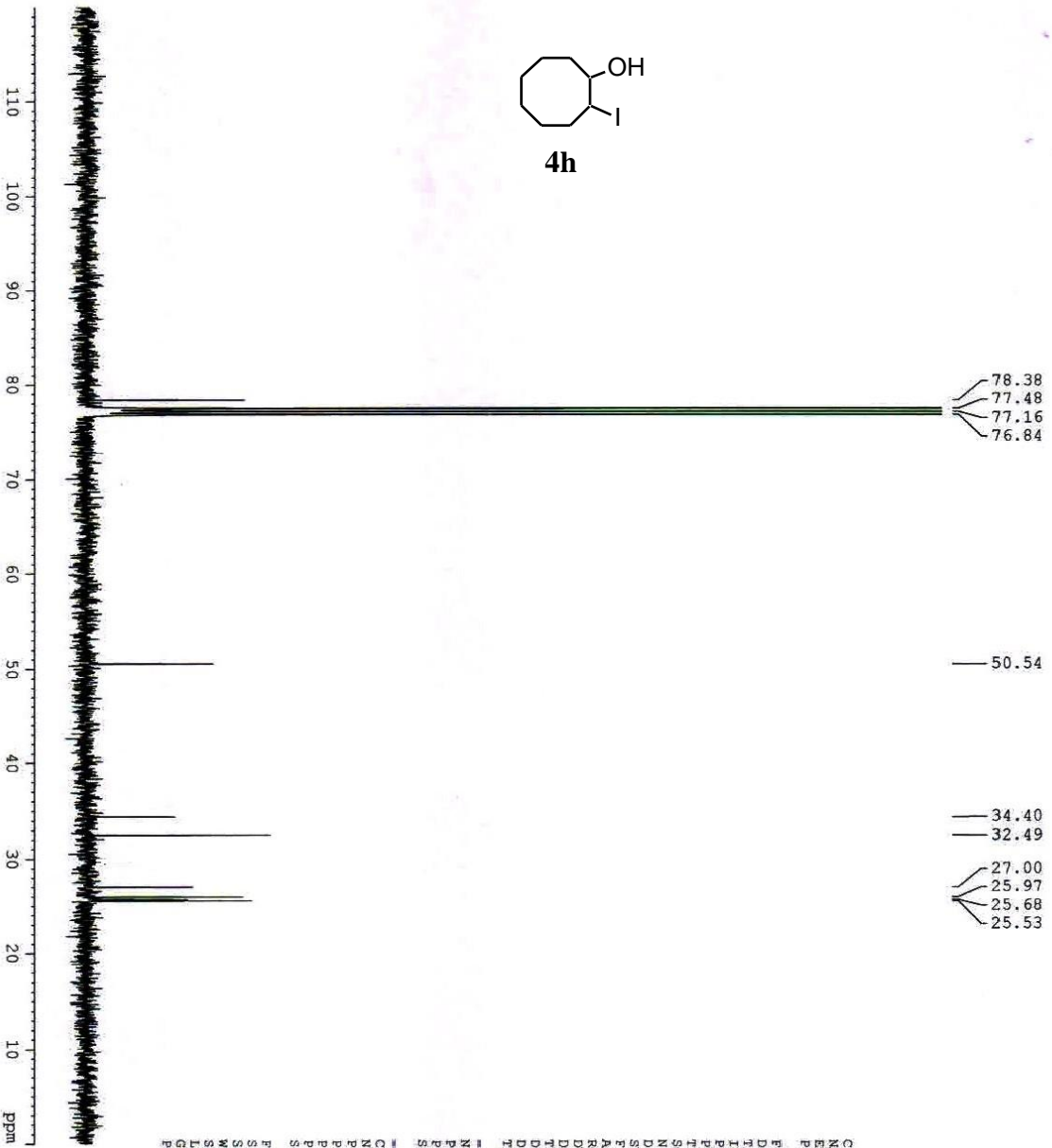
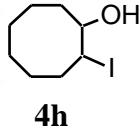
F2 - Acquisition Parameters
 Date_ 20150412

Time 17.00
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 64
 DS 2
 SMH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 186.42
 DW 60.800 usec
 DE 6.50 usec
 TE 296.0 K
 D1 1.00000000 sec
 TDO 1

CHANNEL f1
 NUC1 1H
 P1 14.75 usec
 PLM1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500362 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





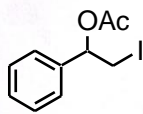
Current Data Parameters
NAME: Dr. A MADJE
EXPNO: 1079
PROCNO: 1

F2 - Acquisition Parameters
Date_ 20150412
Time 17.55
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1024
DS 2
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6816244 sec
RG 186.42
DM 20.800 usec
DB 2.90 usec
DE 36.71 usec
TE 2.0000000 sec
D11 0.03000000 sec
TD0 1

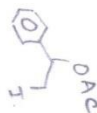
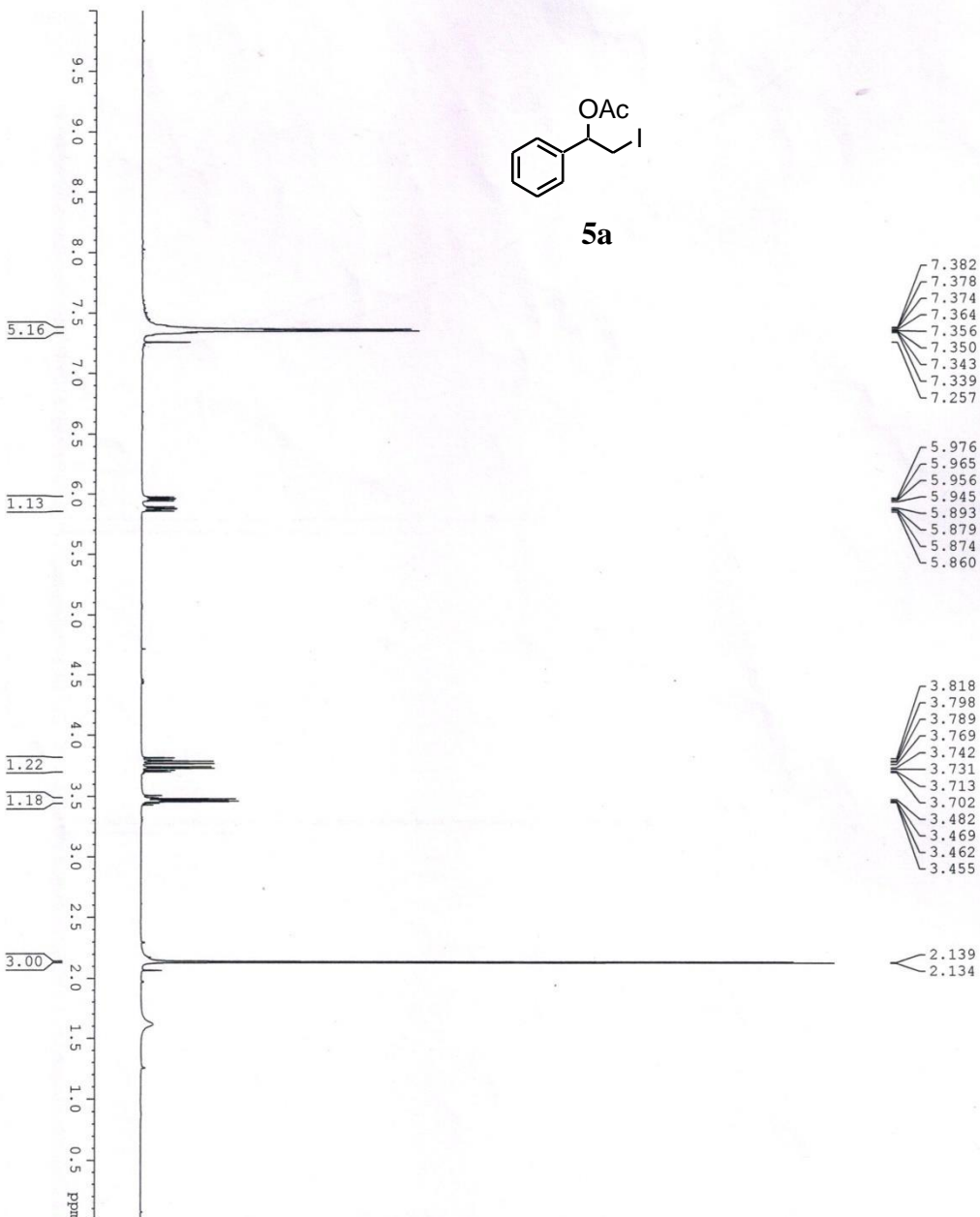
CHANNEL F1
NUC1 13C
P1 8.90 usec
PLW1 54.0000000 W
SFO1 100.6278588 MHz

CHANNEL F2
CPDPRG2 waltz16
NUC2 1H
PCPDZ 80.00 usec
PCPDZ 12.0000000 W
PLW2 0.4018295 W
PLW1 2.6107001 W
SFO2 400.1518006 MHz

F2 - Processing Parameters
SI 16384
SF 100.6177829 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



5a



Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 968
 PROCNO 1

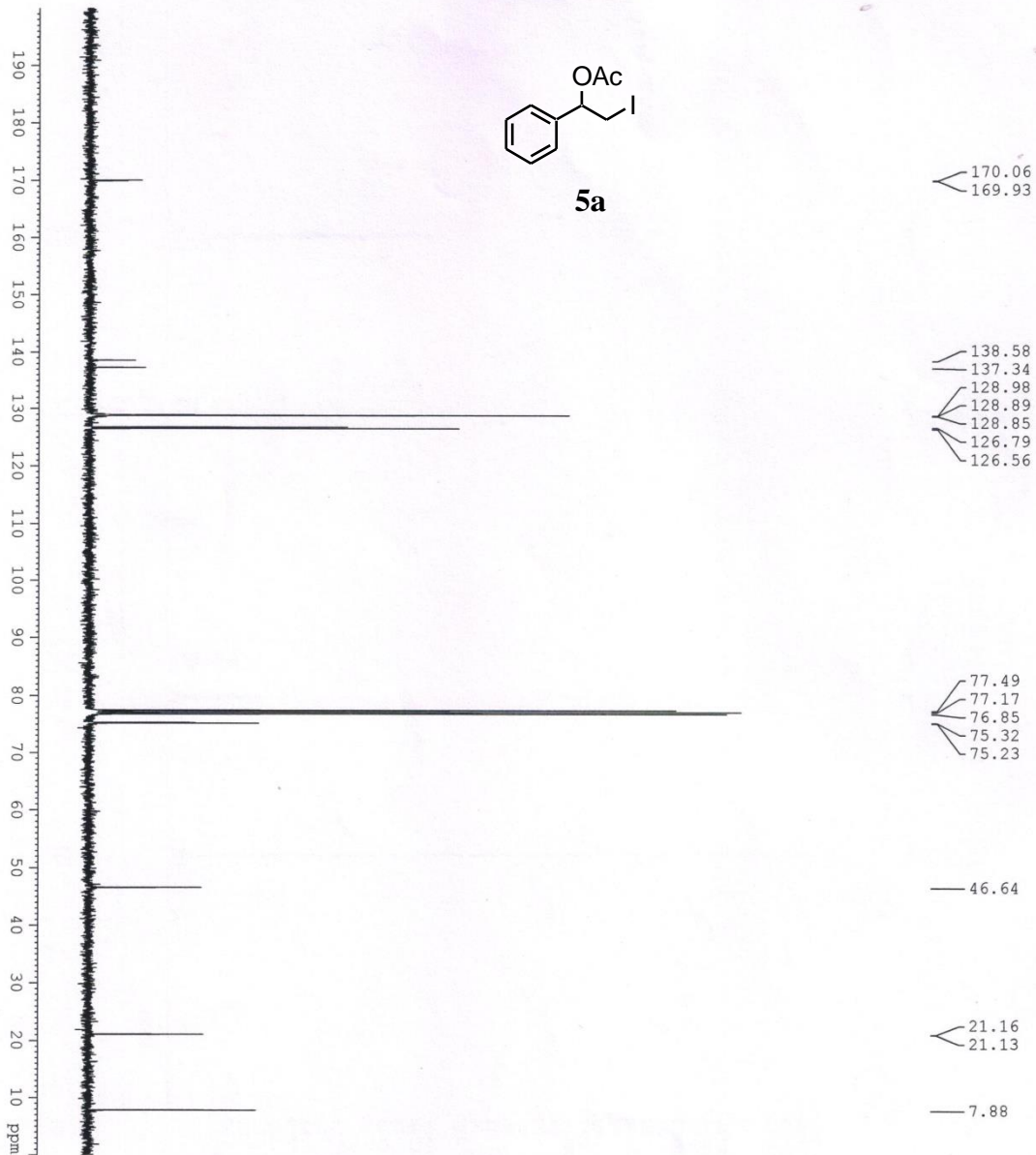
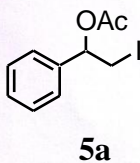
F2 - Acquisition Parameters

Date_ 20141013
 Time 17.00
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 40
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 87.66
 DW 60.800 usec
 DE 6.50 usec
 TE 297.6 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 F1 11.9949989 W
 ELM1 400.1524711 MHz
 SFO1 400.1524711 MHz

F2 - Processing parameters

SI 16384
 SF 400.1500101 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



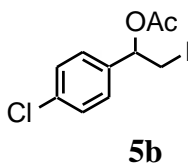
Current Data Parameters
 NAME Dr. A. HAJRA 2014
 EXPNO 969
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141013
 Time_ 17.32
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 400
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.681524 sec
 RG 87.66
 DW 20.800 usec
 DE 6.50 usec
 TE 298.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 ID0 1

CHANNEL f1
 NUC1 13C
 P1 8.90 usec
 PLW1 54.00000000 W
 SFO1 100.6278588 MHz

CHANNEL f2
 CPDPRG2 waltz16
 NUC2 1H
 P2 80.0 usec
 PLW2 12.00000000 W
 PLW12 0.40792999 W
 PLW13 0.26107001 W
 SFO2 400.1516006 MHz

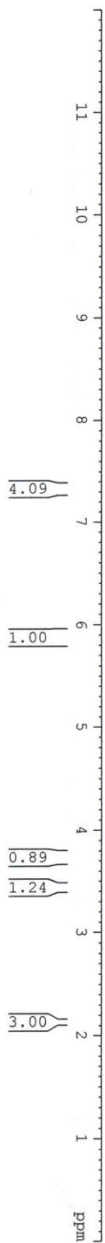
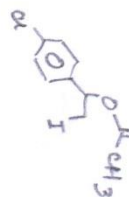
F2 - Processing parameters
 SI 16384
 SF 100.6177840 MHz
 WDM 0 EX
 SSB 0
 GB 0
 PC 1.40



- 7.363
- 7.355
- 7.349
- 7.348
- 7.341
- 7.334
- 7.309
- 7.304
- 7.299
- 7.294
- 7.289
- 7.278
- 7.273
- 7.260
- 5.931
- 5.918
- 5.912
- 5.900
- 5.840
- 5.825
- 5.822
- 5.807

- 3.759
- 3.740
- 3.717
- 3.705
- 3.450
- 3.436
- 3.431
- 3.422

- 2.134
- 2.128



Current Data Parameters
 NAME Dr. A HATRA 2014
 EXPNO 1002
 PROCNO 1

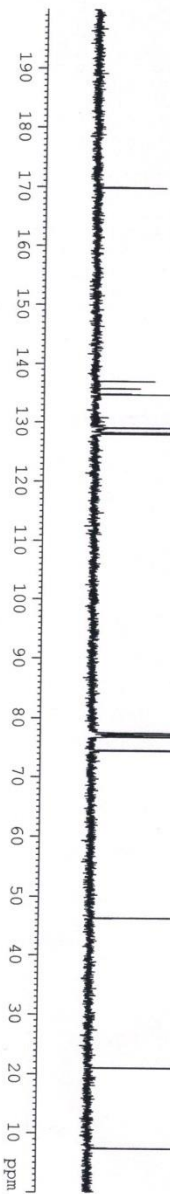
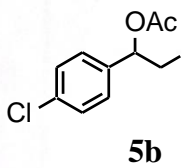
F2 - Acquisition Parameters
 Date_ 20141010
 Time 18.32
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 87.66
 DW 60.800 usec
 DE 6.50 usec
 TE 299.5 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.150087 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



- 169.87
- 169.76
- 137.02
- 135.80
- 134.86
- 134.73
- 129.03
- 128.23
- 127.99
- 77.47
- 77.15
- 76.83
- 74.55
- 74.45
- 46.29
- 21.08
- 21.04
- 7.37



```

Current Data Parameters
NAME      DE. A HAURA 2014
EXPNO    1003
PROCNO   1

F2 - Acquisition Parameters
Date_    20141018
Time     19.01
INSTRUM spect
PROBHD   5 mm PABBO BB/
PULPROG zgpg30
TD       32768
SOLVENT  CDCl3
NS       400
DS       2
SWH      24038.461 Hz
FIDRES   0.733596 Hz
AQ       0.6816244 sec
RG       655
RQ       20.800
DE       6.50 usec
TE       300.5 K
D1       2.00000000 sec
D11      0.03000000 sec
TDO      1

===== CHANNEL f1 =====
NUC1      13C
P1       8.50 usec
PL1      54.0000000 W
SFO1     100.6278598 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2      1H
PCPD2    80.00 usec
PLW2     12.00000000 W
PLW12    0.40792999 W
PLW13    0.26107001 W
SFO2     400.1516006 MHz

F2 - Processing parameters
SI       32768
SF       100.6177854 MHz
WDW      EM
SSB      0
LB       1.00 Hz
GB       0
PC       1.40
    
```



7.352
7.326
7.305
7.289
7.279
7.262
7.254
7.231
7.221
7.215

5.079
5.067
5.055

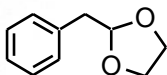
3.986
3.966
3.949
3.940
3.932
3.906
3.884
3.858
3.851
3.846
3.841
3.824
2.975
2.963



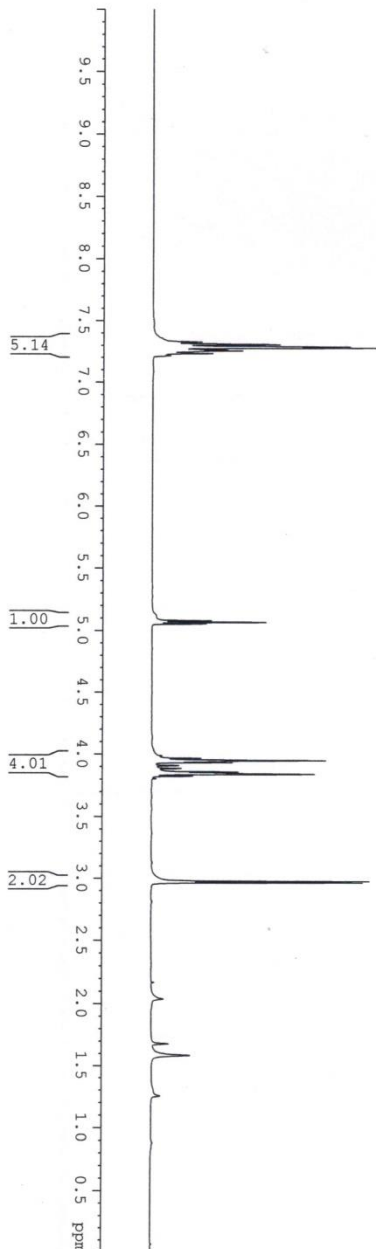
Current Data Parameters
NAME Dr. A HAJRA 2014
EXPRO 1123
PROCNO 1

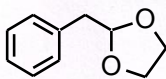
F2 - Acquisition Parameters
Date_ 20141113
Time 18.21
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SMH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 87.66
DW 60.800 usec
DE 6.50 usec
TE 294.4 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 ¹H
P1 14.75 usec
PLW1 11.9949989 W
SFO1 400.1524711 MHz
F2 - Processing parameters
SI 16384
SF 400.1500111 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

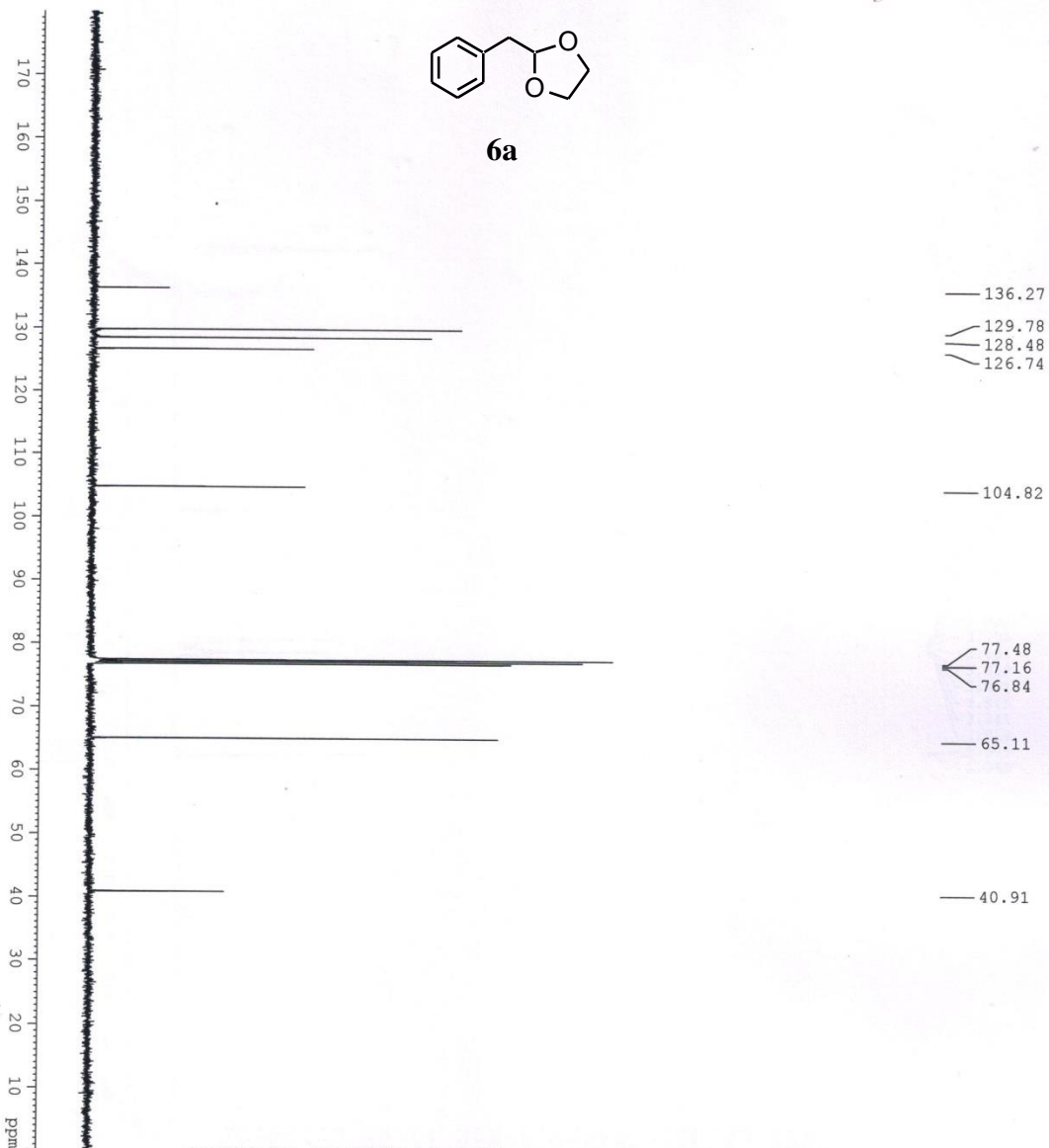


6a





6a



Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 1124
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20141114
 Time 12:51
 INSTRUM spect
 PROBD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 400
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6815244 sec
 RG 87.66
 DW 20.800 usec
 DE 6.50 usec
 TE 295.1 K
 D11 2.00000000 sec
 D1 0.03000000 sec
 TDO 1

===== CHANNEL f1 =====

NUC1 13C
 P1 8.90 usec
 PLM1 54.00000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====

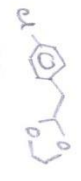
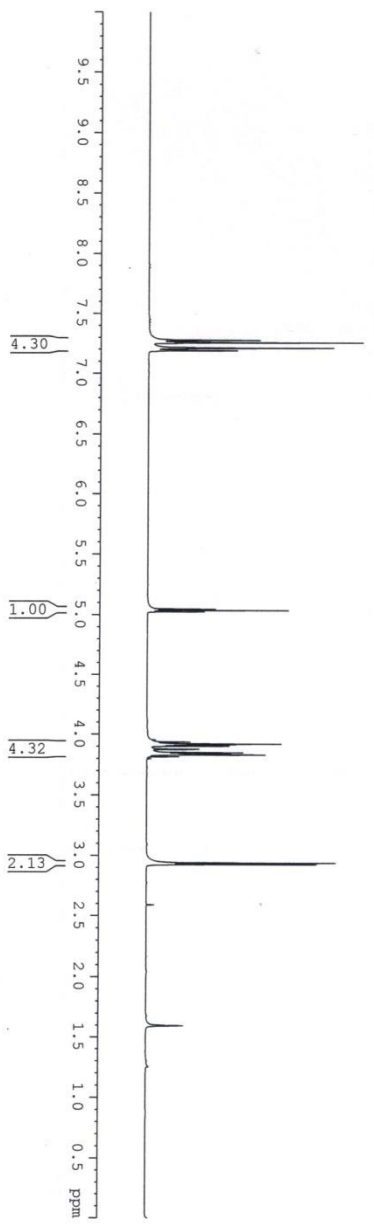
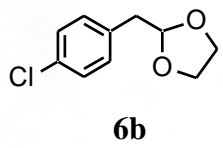
CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.40792999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters

SF 1024 MHz
 WDW 100.617788 EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

7.282
7.276
7.271
7.255
7.250
7.215
7.210
7.206
7.194
7.190
7.184

5.048
5.037
5.025
3.936
3.919
3.917
3.913
3.908
3.901
3.876
3.850
3.844
3.839
3.832
3.816
2.937
2.925

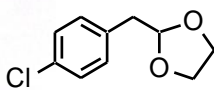


Current Data Parameters
NAME Dr. A HAJRA 2014
EXPNO 1129
PROCNO 1

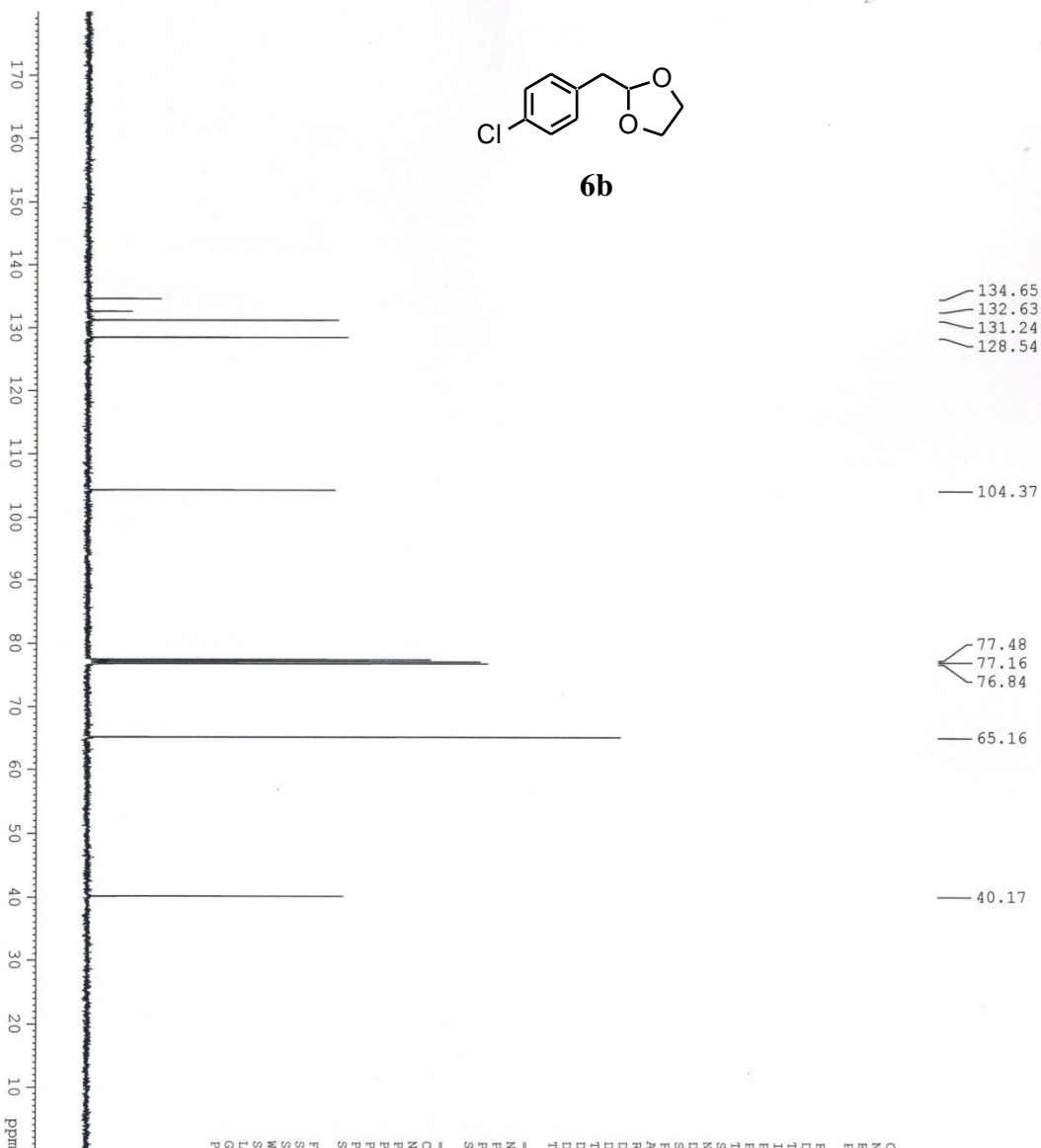
F2 - Acquisition Parameters
Date_ 20141116
Time 15.13
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 87.66
DW 60.800 usec
DE 6.50 usec
TE 296.2 K
D1 1.00000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
PLW1 11.99499989 W
SFO1 400.1524711 MHz

F2 - Processing parameters
SI 16384
SF 400.1500096 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00



6b



Current Data Parameters
 Name: DL_A_HAN04014
 EXPNO: 1130
 PROCNO: 1

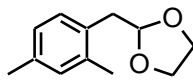
F2 - Acquisition Parameters

Date_ 20141116
 Time 15.41
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SFO2 400
 SOLVENT CDCl3
 NS 400
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 87.66
 DW 20.800 usec
 DE 2.73 usec
 TE 297.3 usec
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

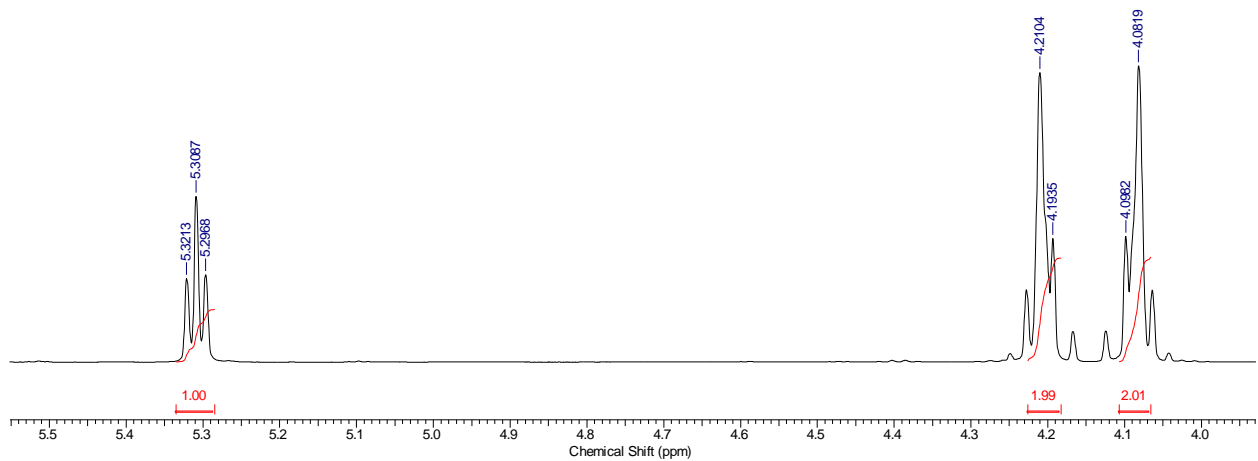
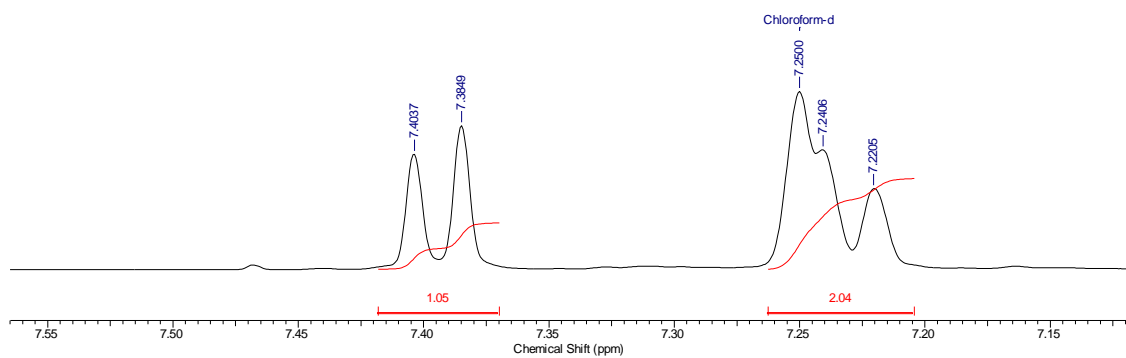
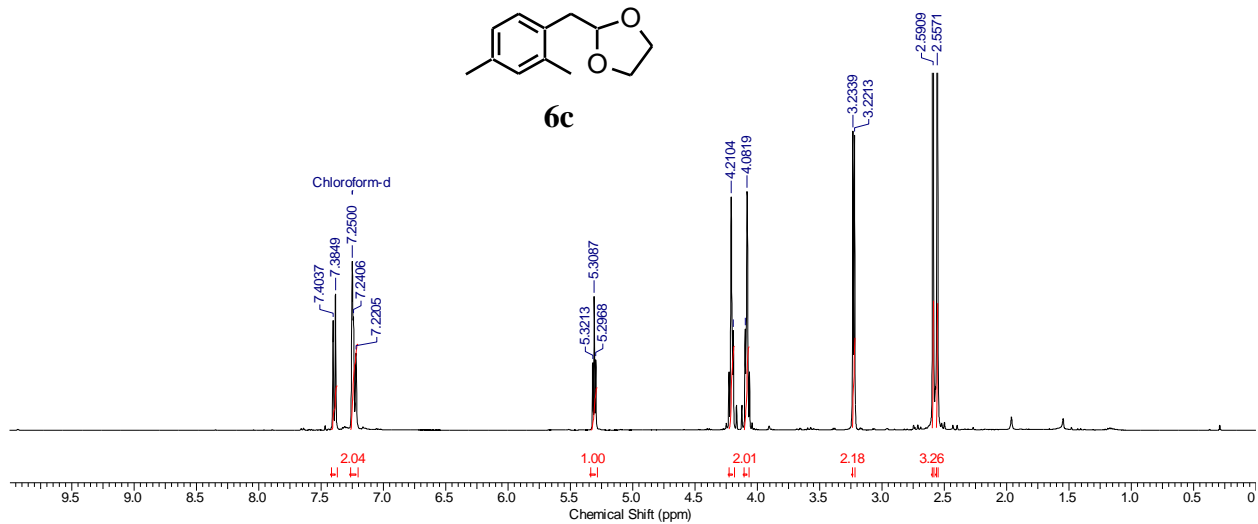
===== CHANNEL f1 =====
 NUCL1 13C
 P1 8.50 usec
 PLM1 54.0000000 W
 SFO1 100.6218598 MHz

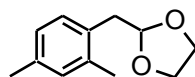
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUCL2 1H
 PCPD2 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.40792999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177847 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

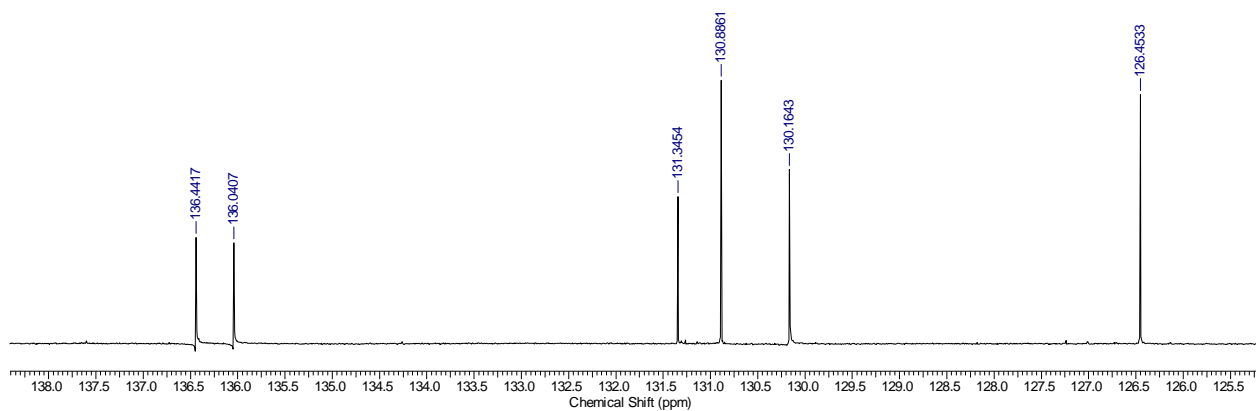
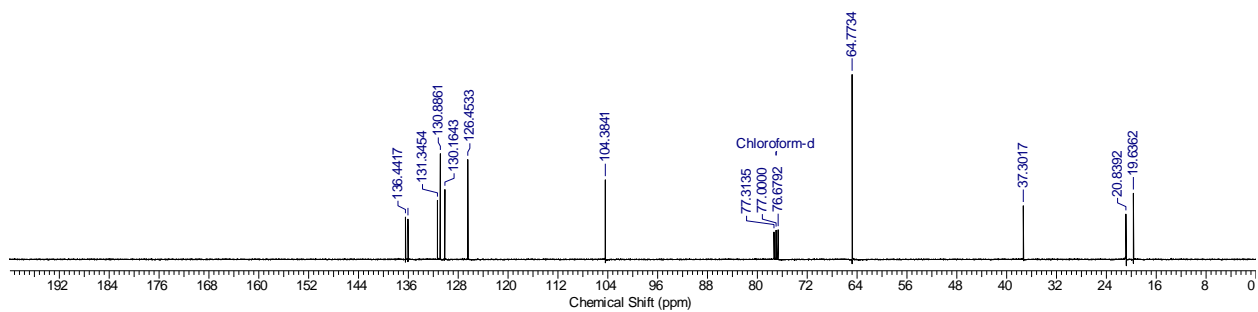


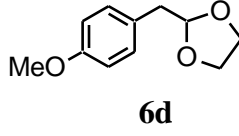
6c





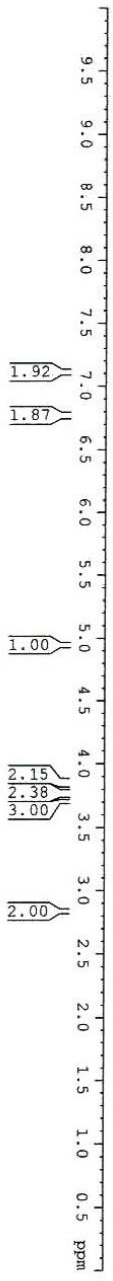
6c





- 7.124
- 7.120
- 7.107
- 7.103
- 6.780
- 6.775
- 6.764
- 6.759

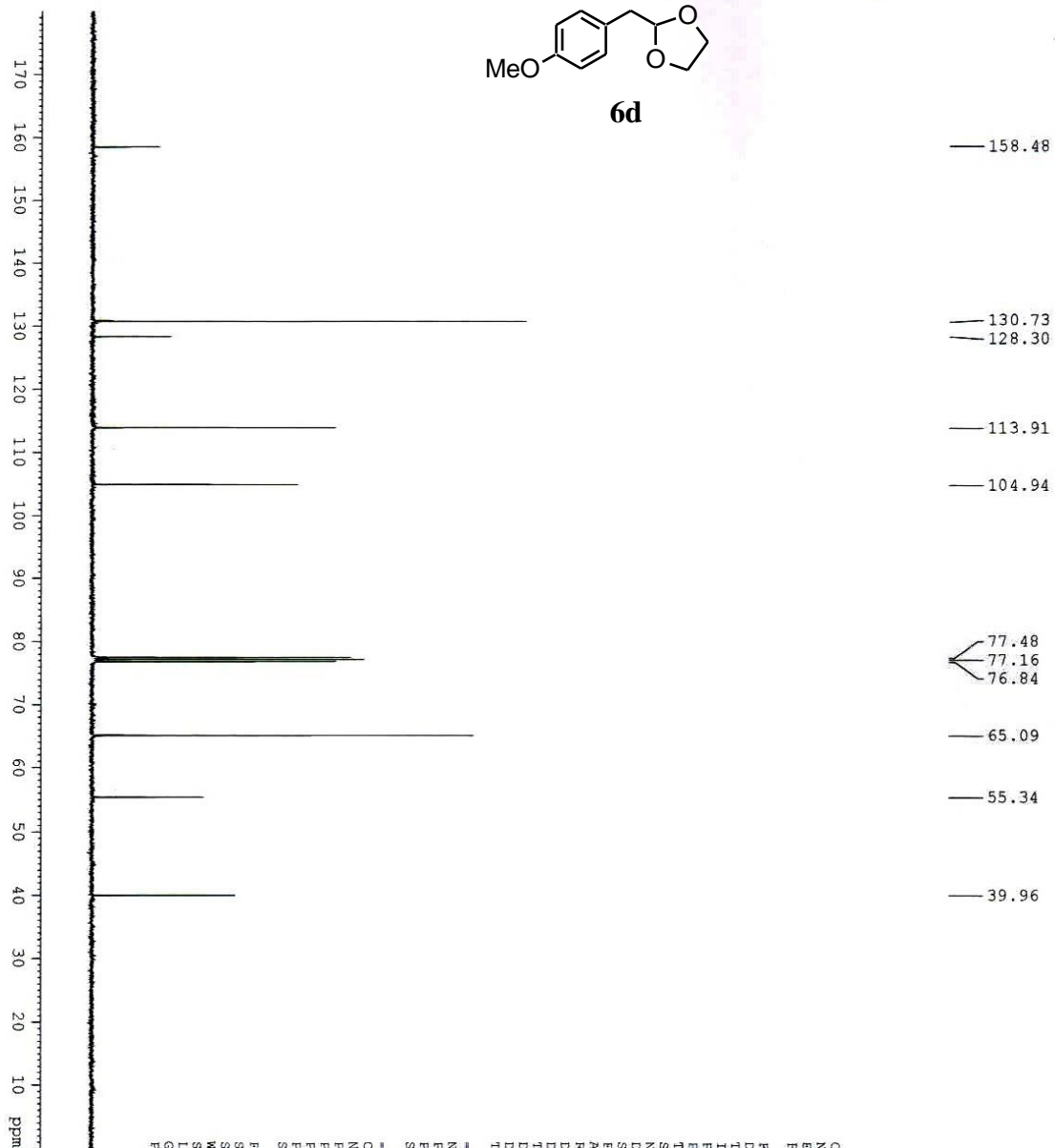
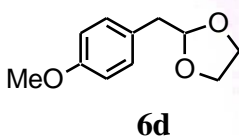
- 4.955
- 4.944
- 4.932
- 3.879
- 3.866
- 3.862
- 3.857
- 3.853
- 3.845
- 3.819
- 3.799
- 3.773
- 3.765
- 3.760
- 3.756
- 3.752
- 3.739
- 3.707
- 2.837
- 2.825



Current Data Parameters
 NAME Dr. A MAJEE
 EXPNO 1074
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150410
 Time 17.35
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 62.69
 DW 60.800 usec
 DE 6.50 usec
 TE 297.0 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUCL 1H
 P1 14.75 usec
 PLW 11.99499989 W
 SFO1 400.1524711 MHz
 F2 - Processing parameters
 SI 16384
 SF 400.1500412 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



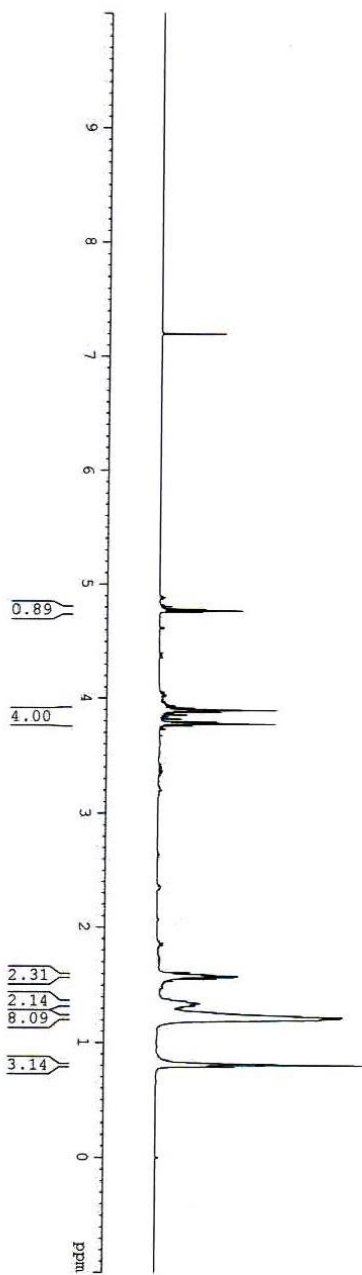
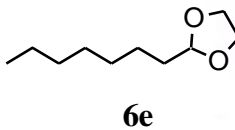
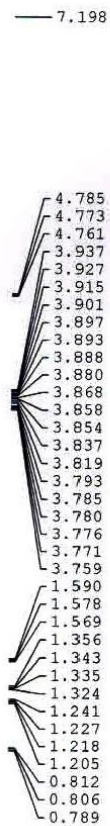
Current Data Parameters
 NAME: Dr. A MAJEE
 EXPNO: 1075
 PROCNO: 1

F2 - Acquisition Parameters
 Date_ Time: 20150410 11:41
 File: 1131
 INSTRUM: spect
 PROBD: 5 mm PABBO BB/
 PULPROG: zgpg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 320
 DS: 2
 SWH: 24038.461 Hz
 FIDRES: 0.733596 Hz
 AQ: 0.681624 sec
 RG: 62.69
 DE: 20.800 usec
 DM: 6.30 usec
 DB: 266.1 K
 D1: 2.000000 sec
 D11: 0.0300000 sec
 TDO: 1

CHANNEL f1
 NUC1: 13C
 P1: 8.90 usec
 PL1: 54.0000000 W
 SFO1: 100.6278588 MHz

CHANNEL f2
 CPDPRG2: waltz16
 NUC2: 1H
 PCPD2: 80.00 usec
 PL2: 12.0000000 W
 PLM1: 1.4072928 W
 PLM2: 0.26107001 W
 PLM3: 400.1516006 MHz
 SFO2: 400.1516006 MHz

F2 - Processing parameters
 SI: 16384
 SF: 100.6177865 MHz
 WDW: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.40

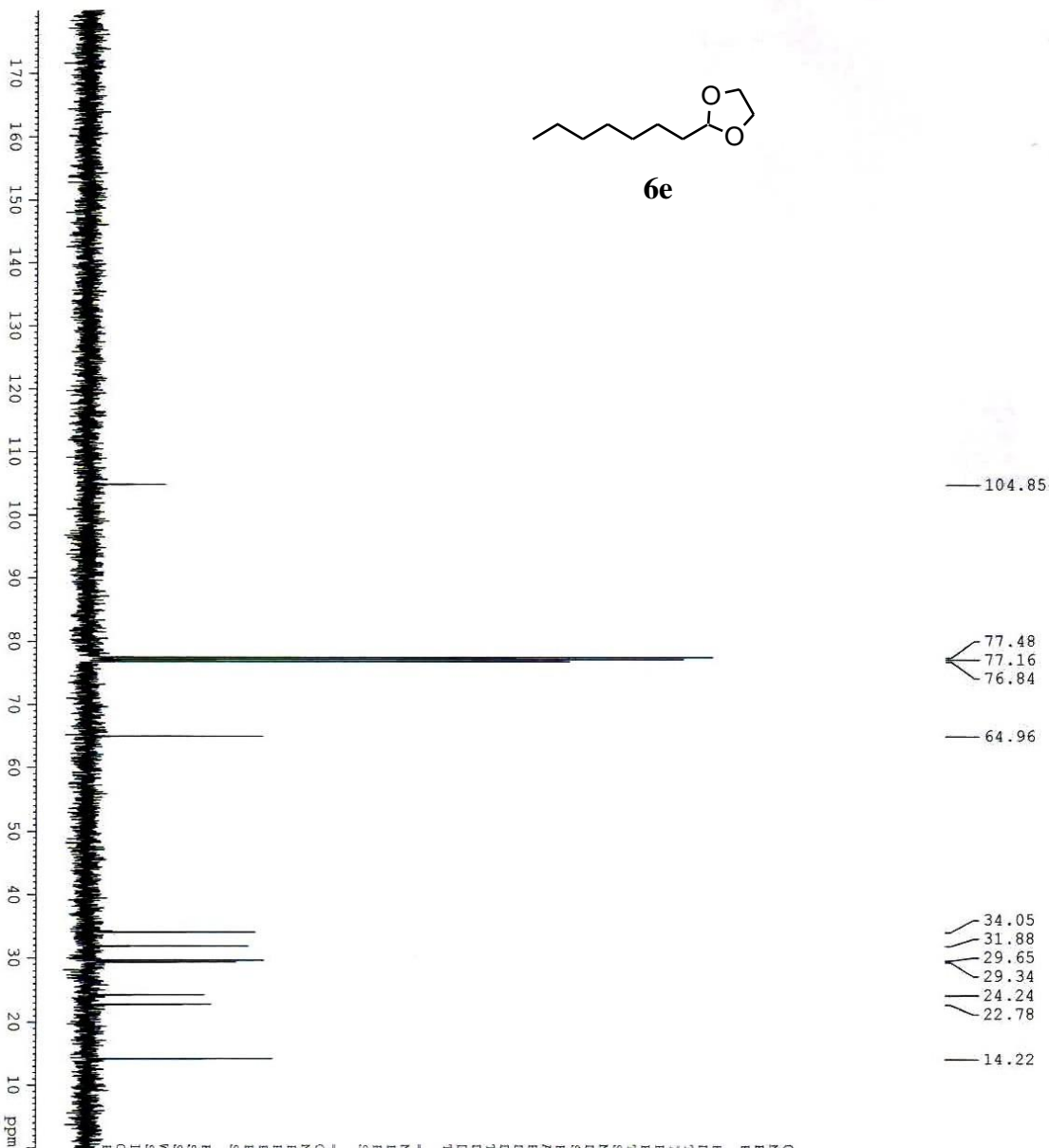
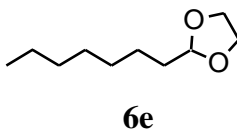


Current Data Parameters
 NAME Dr. A MAJRE
 EXPNO 1061
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150405
 Time 14.11
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 57.428
 DM 60.800 usec
 DE 6.50 usec
 TE 296.3 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PLW1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500337 MHz
 WDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



Current Data Parameters
 NAME Dr. A MAJEE
 EXPNO 1062
 FREQCNO 1

F2 - Acquisition Parameters
 File_ 20111115
 Time 14:28
 INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 160
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 57.28
 EM 20.800 usec
 DE 6.50 usec
 TE 296.8 K
 D11 2.0000000 sec
 D1 0.0300000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 8.90 usec
 PLW1 54.00000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CHDRG2 walzr16
 NUC2 1H
 PCPD2 80.00 usec
 PLW2 12.00000000 W
 EMW2 0.40782899 W
 PLW13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing Parameters
 SI 16384
 SF 100.617839 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1H OF VBNC-211

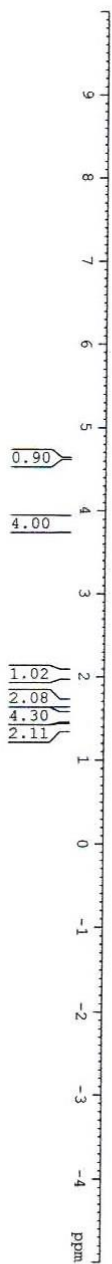
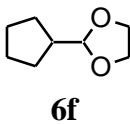
7.198
4.639
4.625
3.918
3.905
3.900
3.896
3.891
3.883
3.857
3.826
3.800
3.792
3.787
3.783
3.779
3.766
2.071
2.066
2.051
2.046
2.031
2.026
2.011
1.992
1.715
1.712
1.702
1.696
1.690
1.686
1.676
1.671
1.669
1.662
1.655
1.650
1.646
1.640
1.569
1.566
1.544
1.541
1.534
1.529
1.526
1.517
1.510
1.503
1.490
1.483
1.481
1.473
1.465
1.461
1.452
1.443
1.433
1.424
1.418
1.404
1.389
1.385
1.373
1.369
1.355
1.345
1.338

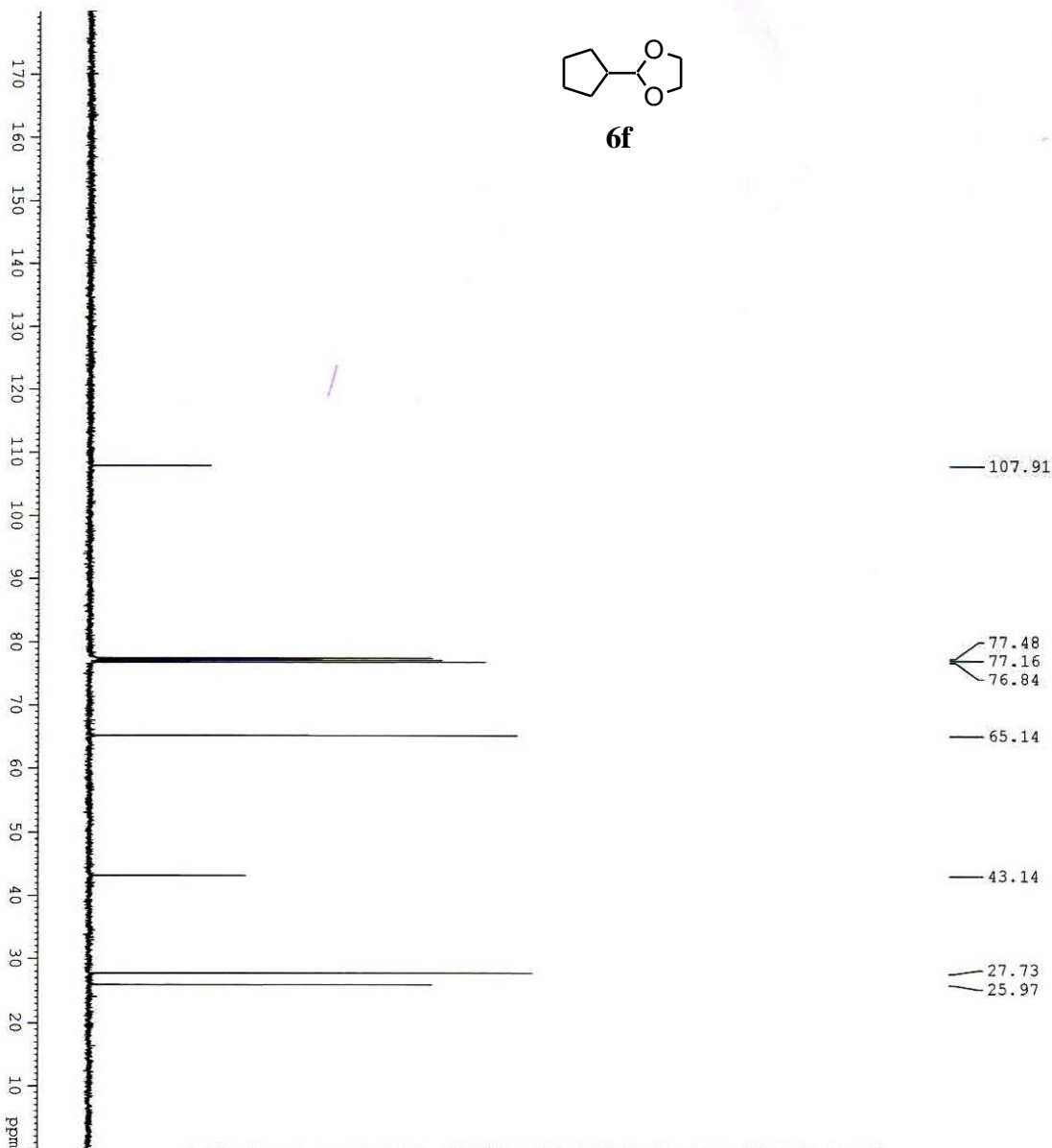
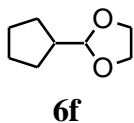


Current Data Parameters
NAME Dr. A MAJER
EXPNO 1064
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150405
Time 17.31
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 77.59
DW 60.800 usec
DE 6.50 usec
TE 297.4 K
D1 1.00000000 sec
TDO 1

CHANNEL f1
NUC1 1H
P1 14.75 usec
PL1 11.99499989 W
SFO1 400.1524711 MHz
F2 - Processing parameters
SI 16384
SF 400.1500338 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





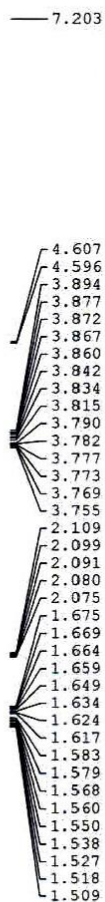
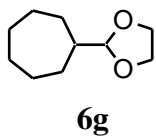
Current Data Parameters
 NAME Dr. A. BARRIS
 EXPNO 1065
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150405
 Time 17.55
 INSTRUM spect
 PROBHD 5 mm EBBBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 320
 DS 2
 SWH 24039.461 Hz
 FWH 0.51446 Hz
 FIDRES 0.5816244 sec
 RG 77.59
 DW 20.800 usec
 DE 6.50 usec
 TE 298.4 K
 D11 2.00000000 sec
 D1 0.03000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUCL1 13C
 P1 8.90 usec
 PL1 54.0000000 W
 SFO1 100.6278288 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUCL2 1H
 PCPD2 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.40792999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177831 MHz
 WDW EM
 SSB 0
 GB 1.00 Hz
 PC 1.40



Current Data Parameters
 NAME Dr. A MAJEE
 EXPNO 1066
 PROCNO 1

F2 - Acquisition Parameters

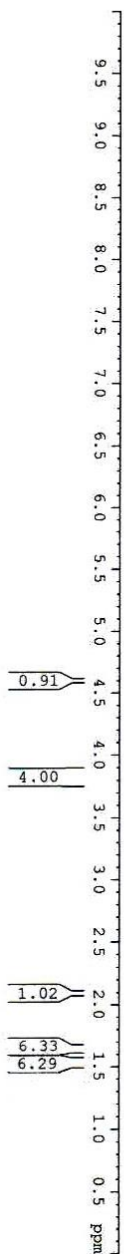
Date 20150406
 Time 16.21
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 54.07
 DW 60.800 usec
 DE 6.50 usec
 TE 297.7 K
 D1 1.00000000 sec
 TDO 1

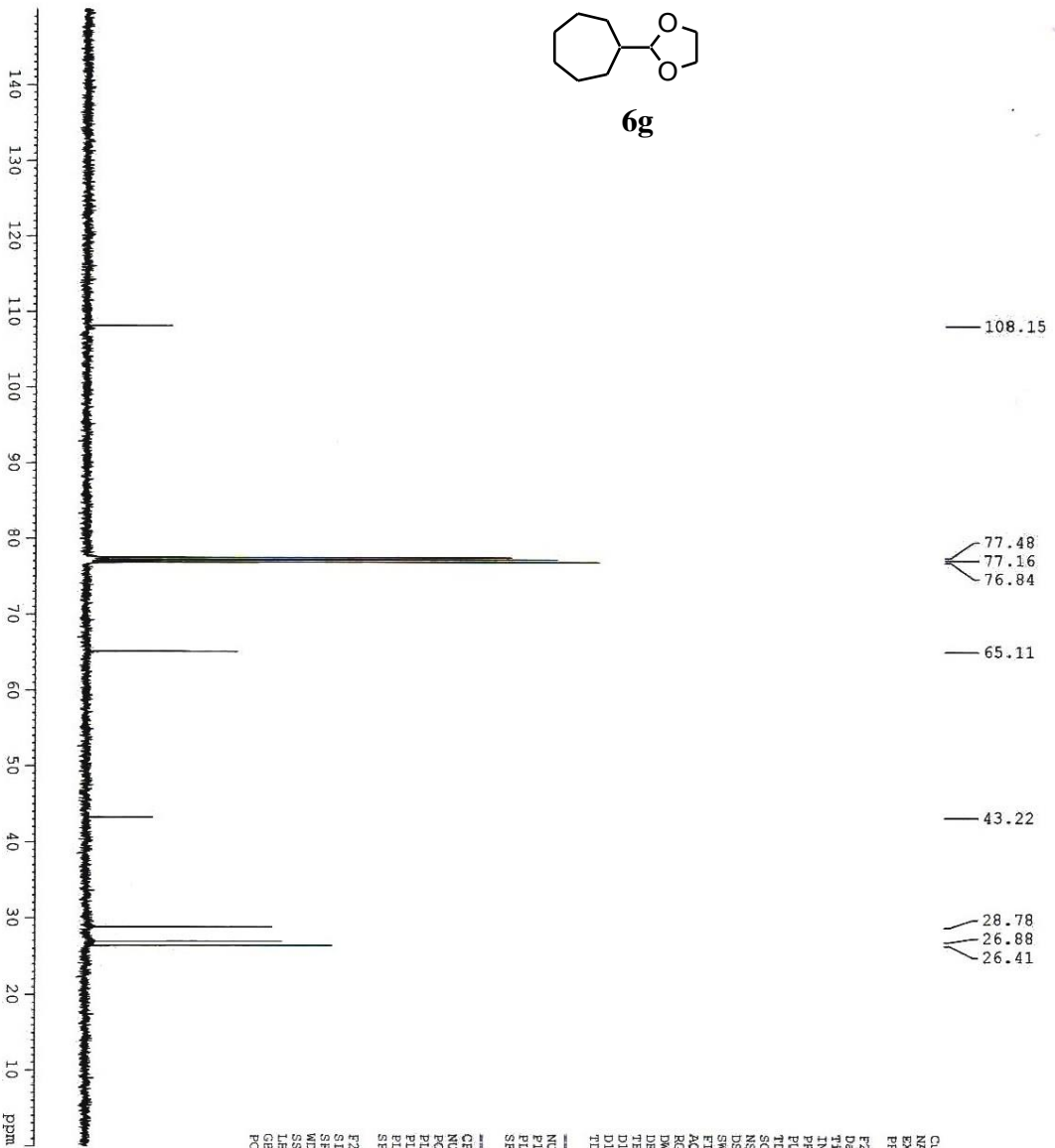
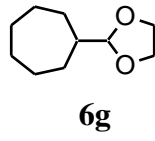
CHANNEL f1

NUC1 1H
 PI 14.75 usec
 PLW1 11.99499989 W
 SFO1 400.1524711 MHz

F2 - Processing Parameters

SI 16384
 SF 400.1500318 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





Current Data Parameters
 NAME: Dr. A MAJEE
 EXPNO: 1067
 PROCNO: 1

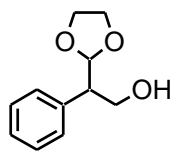
F2 - Acquisition Parameters
 Date_ Time: 20150406 15.47
 INSTRUM: spect
 PROBRD: 5 mm F4BBO BB/
 PULPROG: zgpg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 320
 DS: 4
 SWH: 24038.461 Hz
 FIDRES: 0.733596 Hz
 AQ: 0.6815244 sec
 RG: 54.07
 DW: 20.800 usec
 DE: 6.50 usec
 TE: 298.9 K
 D1: 2.0000000 sec
 D11: 0.03000000 sec
 D10: 1

CHANNEL f1 -----
 NUC1: 13C
 P1: 8.90 usec
 PLW1: 54.00000000 W
 SFO1: 100.6278588 MHz

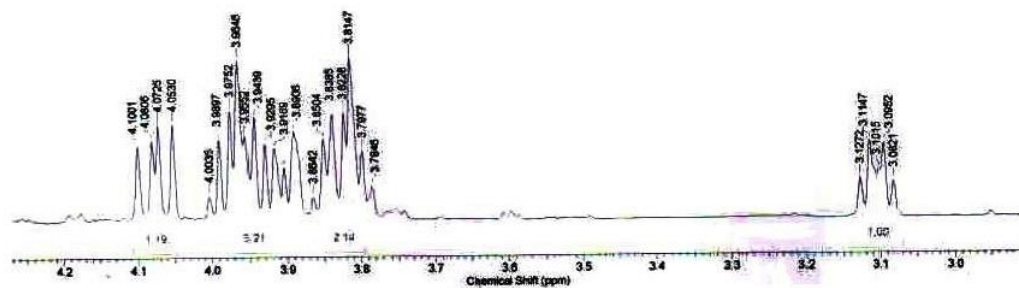
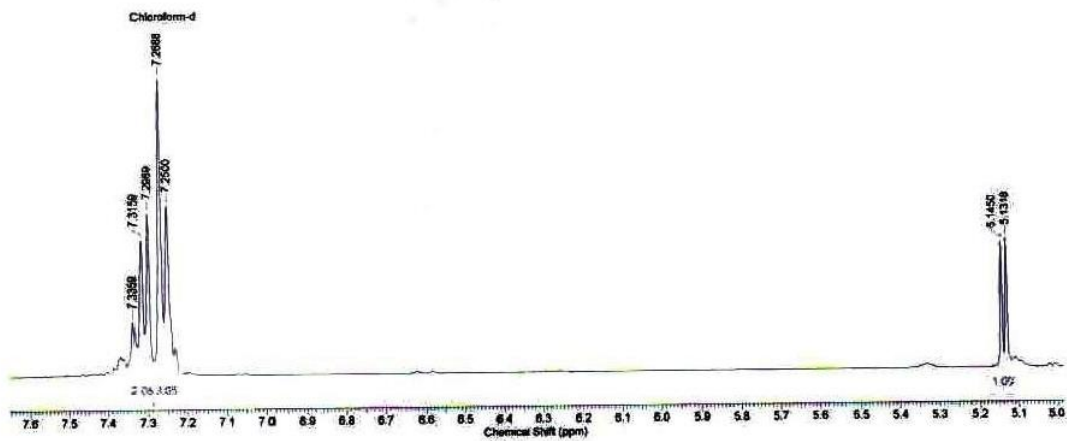
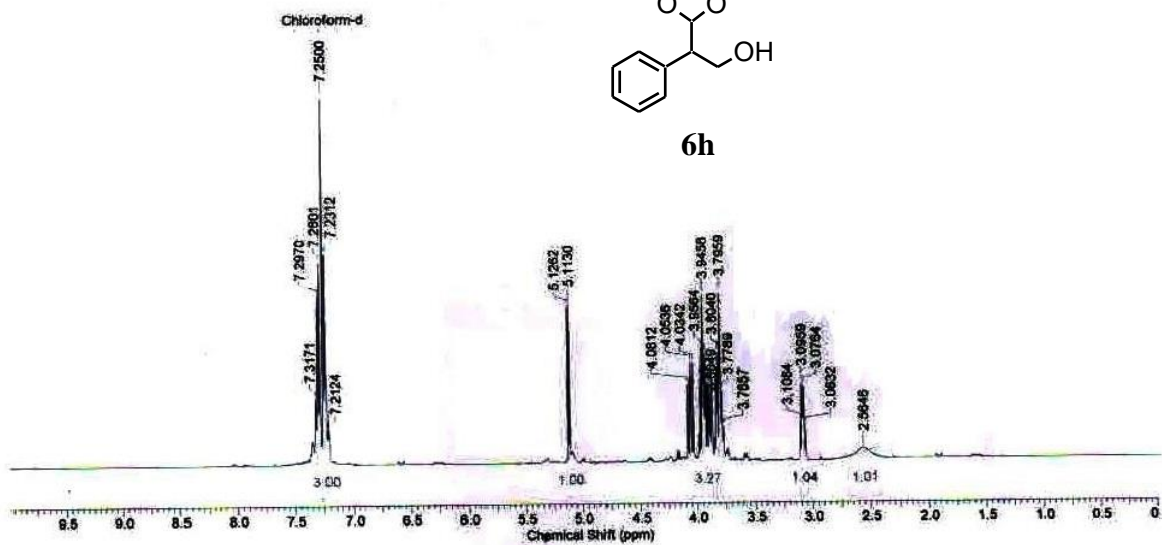
CHANNEL f2 -----
 CPDPRG2: waltz16
 NUC2: 1H
 PCPD2: 80.00 usec
 PLW2: 12.00000000 W
 PLW12: 0.40792999 W
 PLW13: 0.26107001 W
 SFO2: 400.1516006 MHz

F2 - Processing parameters
 SI: 32768
 SF: 100.6177820 MHz
 WDW: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.40

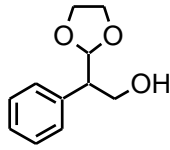
VB-210



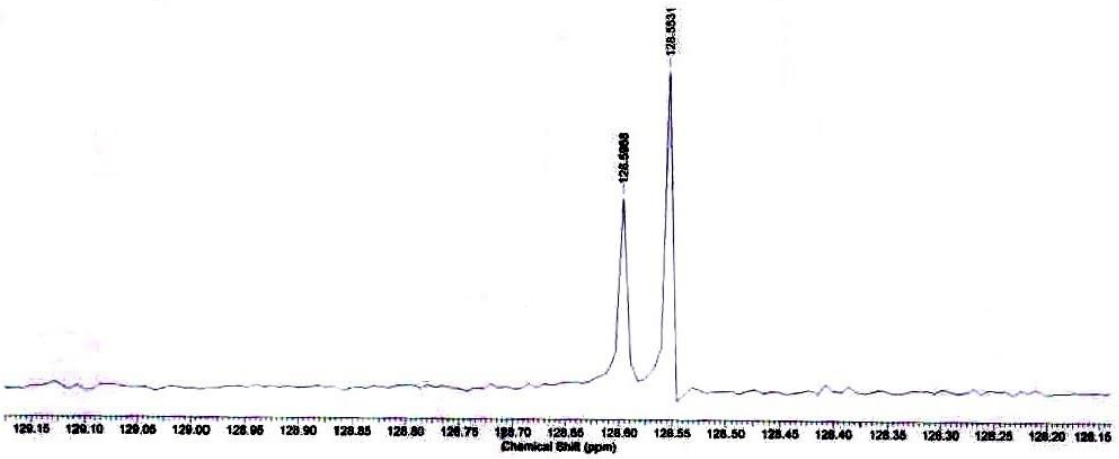
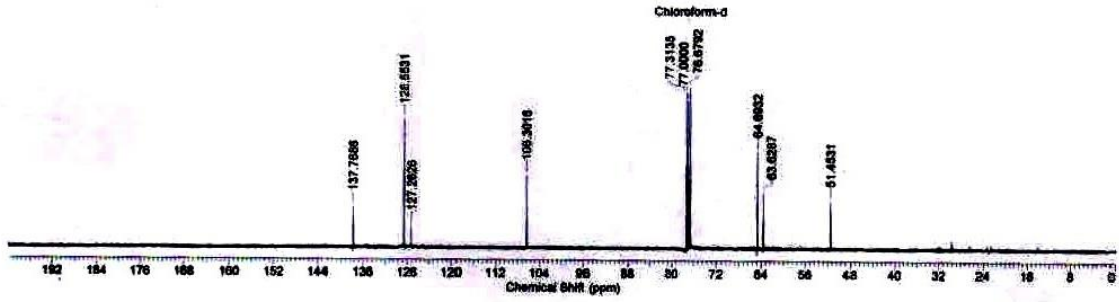
6h

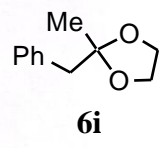


210



6h

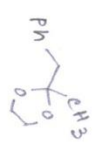
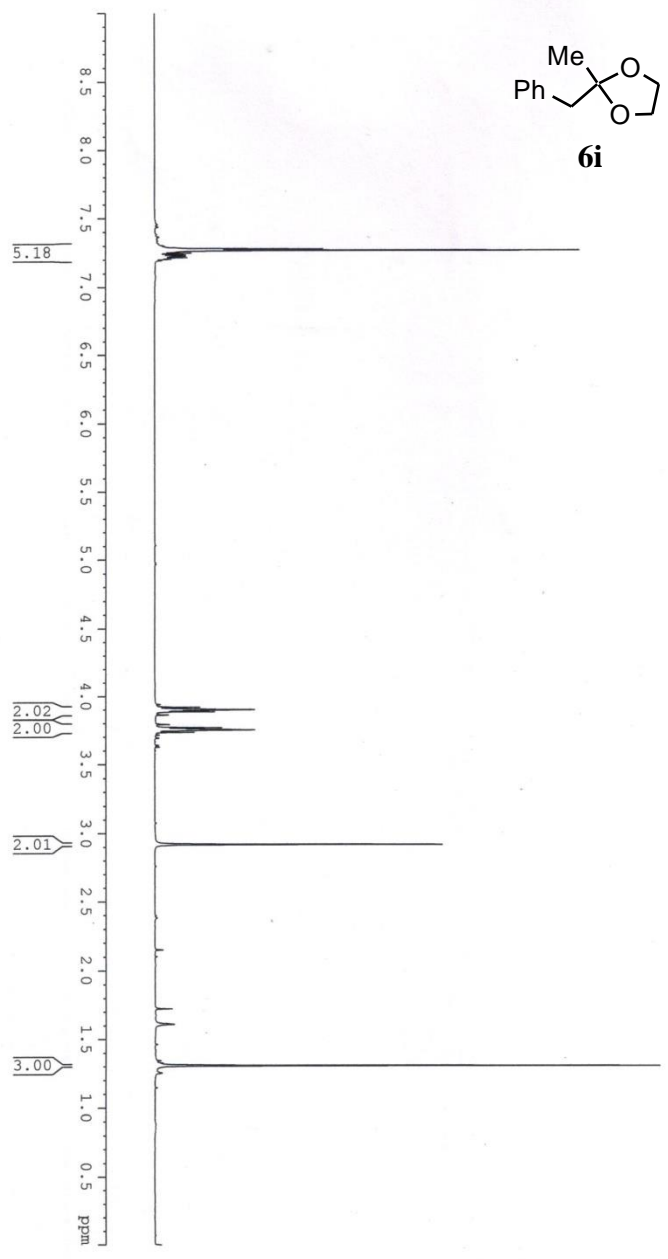




- 7.280
- 7.269
- 7.258
- 7.251
- 7.240
- 7.231
- 7.229
- 7.218

- 3.920
- 3.908
- 3.903
- 3.899
- 3.894
- 3.886
- 3.769
- 3.761
- 3.755
- 3.752
- 3.747
- 3.735
- 2.921

- 1.309

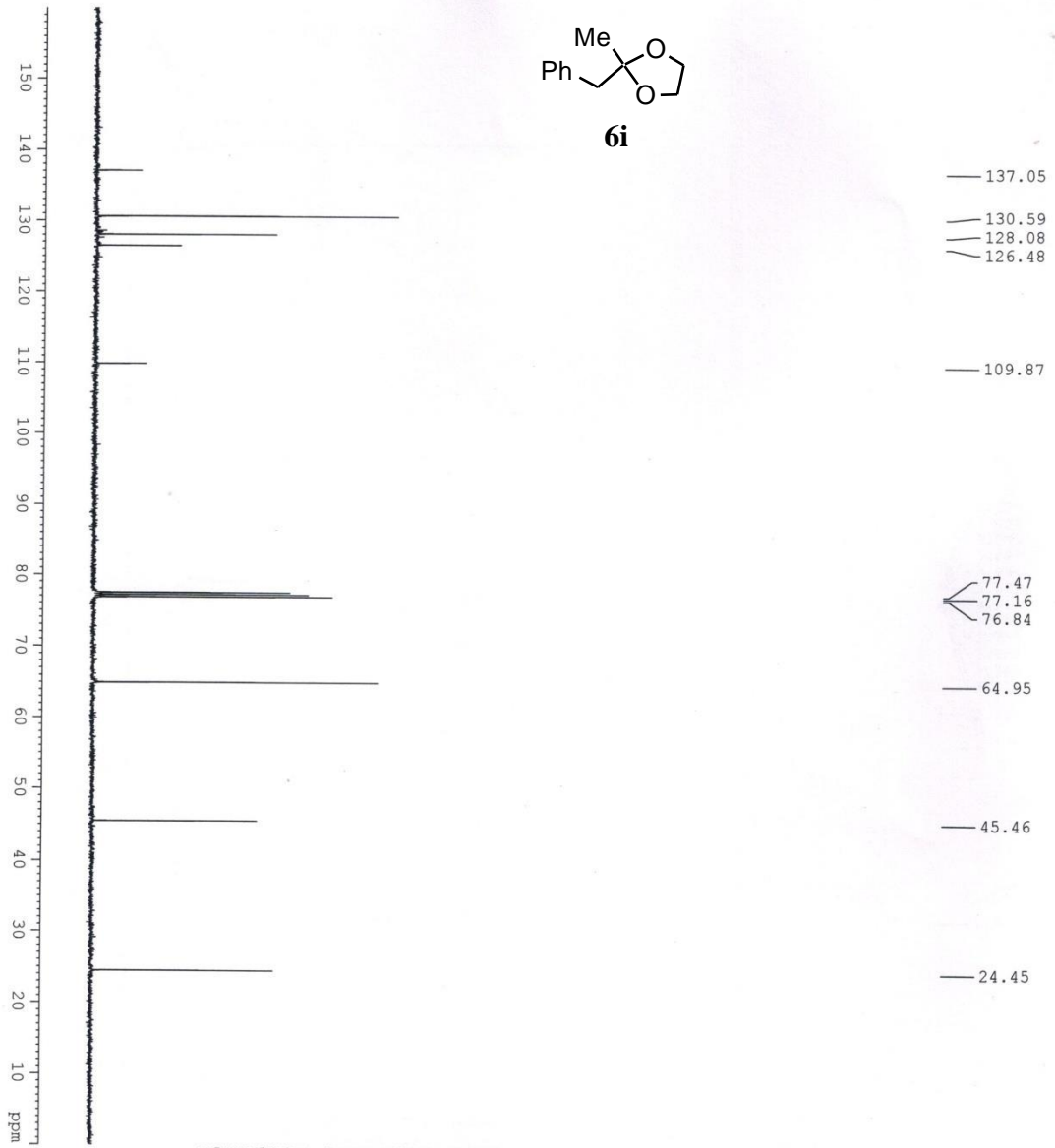
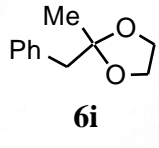


Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 1154
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141121
 Time 13.39
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 87.66
 DW 60.800 usec
 DE 6.50 usec
 TE 295.4 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 P1M1 11.9949989 W
 SFO1 400.1524711 MHZ

F2 - Processing parameters
 SI 16384
 SF 400.1500122 MHZ
 WDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



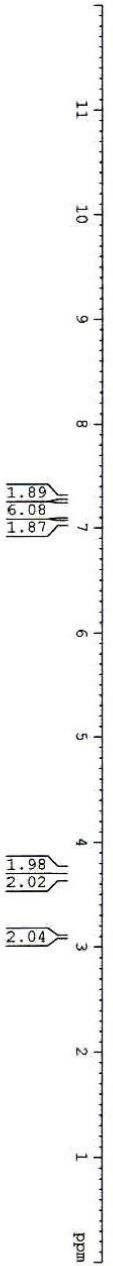
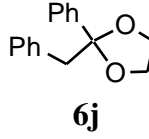
Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXNO 1159
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141121
 Time 13.58
 INSTRUM spect
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 176
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 87.66
 DE 20.800 usec
 TE 300.2 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUCL 13C
 P1 9.30 usec
 PL1 54.000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUCL2 1H
 PCPD2 80.00 usec
 PLW2 12.00000000 W
 PLM12 0.40192999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177865 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

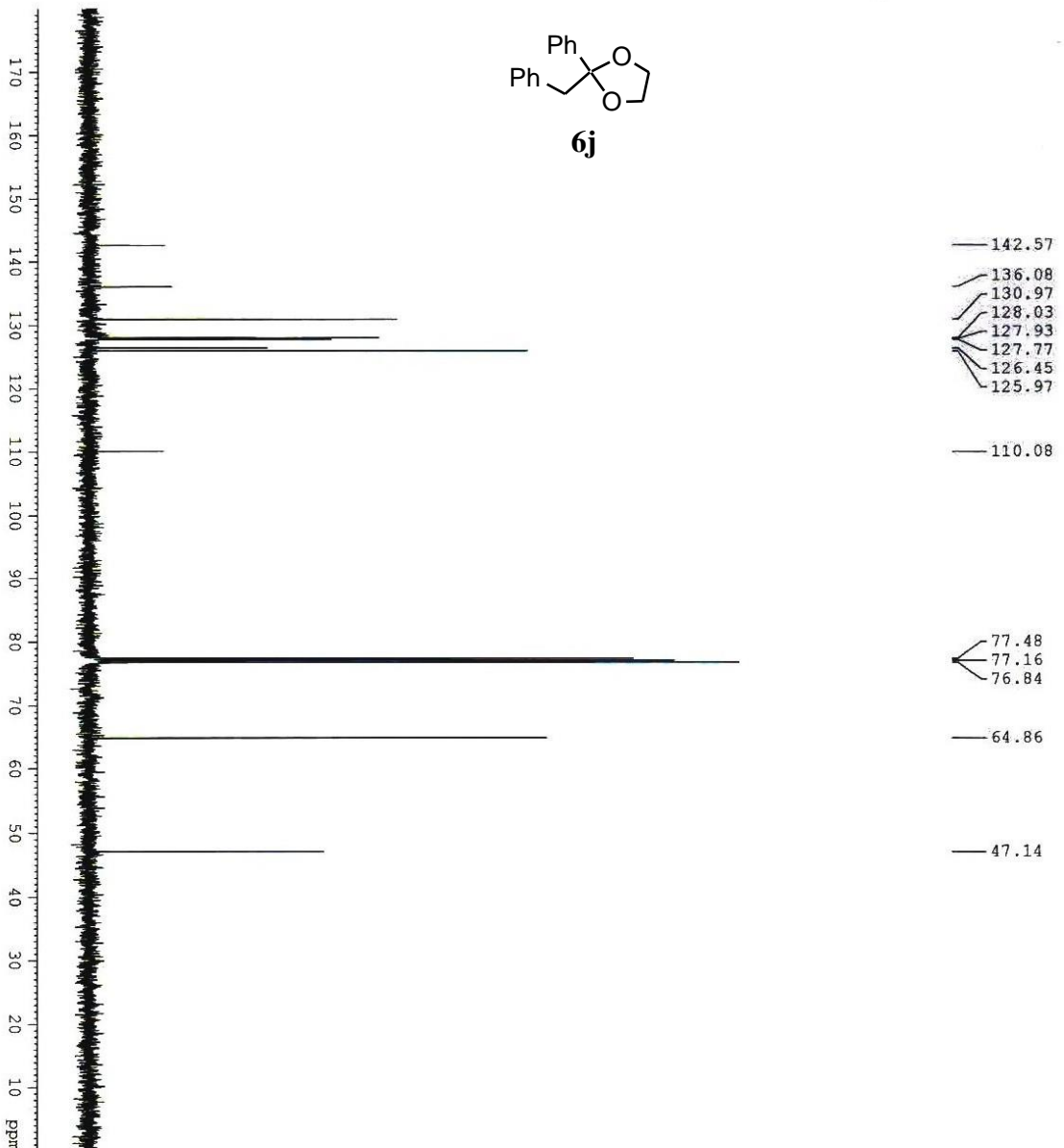
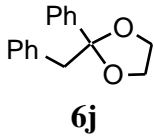


Current Data Parameters
 NAME Dr. A MAJEE
 EXPNO 1059
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150404
 Time_ 13.56
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 93.46
 DW 60.800 usec
 DE 6.50 usec
 TE 297.0 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 11.99499989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500424 MHz
 WDW no
 SSB 0
 LB 0 Hz
 GB 0
 PC 1.00



Current Data Parameters
 NAME Dr. A MAJER
 EXPNO 1060
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20170114
 Time 20:11
 INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 96
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 93.46
 DM 20.800 usec
 DE 6.30 usec
 TE 27.2 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 8.90 usec
 PL1 54.0000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CHDRG2 waltz16
 NUZ2 1H
 PCPZ2 80.00 usec
 FWH2 12.4000000 W
 FWH12 0.4072999 W
 FWH13 0.2510700 W
 SFO2 400.1516006 MHz

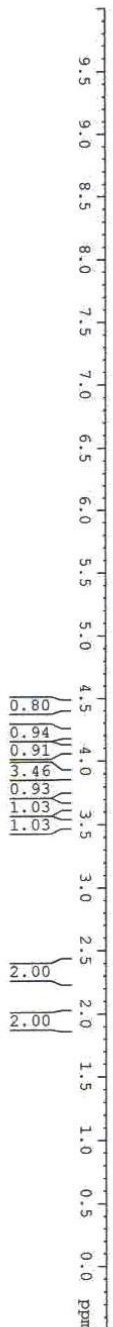
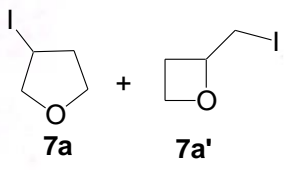
F2 - Processing Parameters
 SI 16384
 SF 100.6177845 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



Current Data Parameters
 NAME Dr. A MAJER 2015
 EXPNO 11
 PROCNO 1

7.283

4.476
4.442
4.408
4.244
4.234
4.189
4.180
4.114
4.086
4.075
3.921
3.909
3.897
3.880
3.869
3.834
3.788
3.774
3.762
3.662
3.650
3.636
3.624
3.530
3.509
3.484
2.422
2.414
2.378
2.350
2.342
2.317
2.308
2.302
2.295
2.271
2.265
2.257
2.235
2.020
2.009
1.983
1.972
1.957
1.945
1.933
1.908
1.883
1.872



F2 - Acquisition Parameters
 Date_ 20150607
 Time 16:32
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 64
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 186.42
 DW 60.800 usec
 DE 6.50 usec
 TE 298.9 K
 D1 1.00000000 sec
 TDO 1

CHANNEL f1
 NUC1 1H
 P1 14.75 usec
 PLM1 11.99499969 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



- 77.48
- 77.16
- 76.84
- 61.99
- 59.37
- 57.93
- 50.49
- 40.01
- 39.14
- 29.28
- 11.57

Current Data Parameters
 NAME Dr. A. KAYES 2015
 EXNO 5
 PROCNO 1

F2 - Acquisition Parameters

Date 20150605
 Time 17.37
 Instrument spect
 PROBP2 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 80
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.174246 Hz
 AQ 0.601224 sec
 RG 32768
 BQ 37.25
 BW 20.800 usec
 DE 6.50 usec
 TE 300.5 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

CHANNEL F1

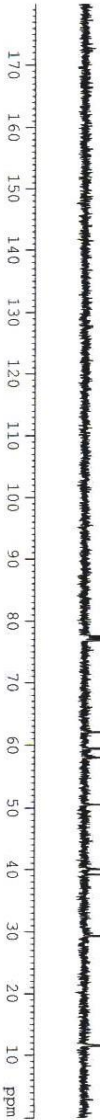
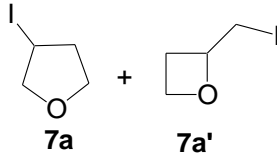
NUC1 13C
 P1 8.90 usec
 PLW1 54.00000000 W
 SFO1 100.6278588 MHz

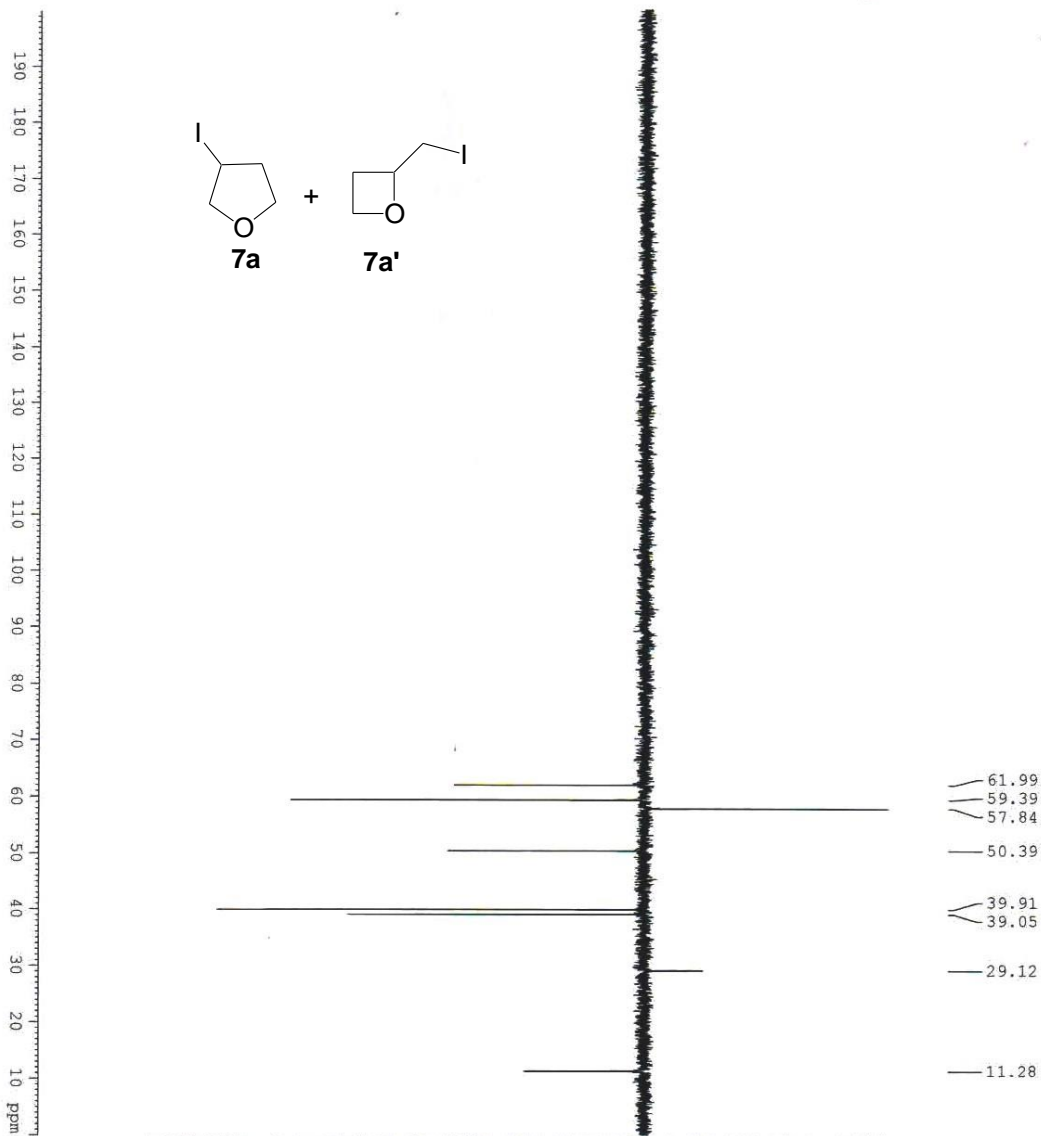
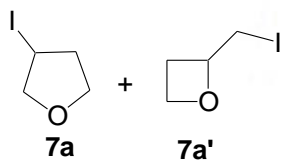
CHANNEL F2

NAME1 216
 NUC2 1H
 PCPD2 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.40792999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters

SF 16384
 WF 100.6177923 MHz
 EN
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40





Current Data Parameters
 NAME Dr. A MAJEE 2015
 EXRNO 8
 PROCNO 1

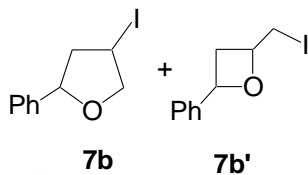
F2 - Acquisition Parameters
 Date_ 20150606
 Time 18.56
 INSTRUM spect
 PROBH1 5 mm EBBB1 BB/
 PULPROG dept135
 TD 32768
 SOLVENT CDCl3
 NS 143
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 32.25
 DW 20.800 usec
 DE 6.50 usec
 TE 300.2 K
 CSTR72 145.0000000
 D1 2.00000000 sec
 D2 0.00344828 sec
 D12 0.00002000 sec
 TDO 1

CHANNEL F1
 NUC1 13C
 P1 8.10 usec
 P2 17.80 usec
 PLM1 54.00000000 W
 SFO1 100.6278598 MHz

CHANNEL F2
 GEOPRG2 waltz16
 NUZ2 1H
 P3 14.70 usec
 P4 24.50 usec
 PCPD2 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.40792999 W
 SFO2 400.1512797 MHz

F2 - Processing parameters
 SI 32768
 SF 100.617799 MHz
 WNB EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1H OF VBNC-233/1



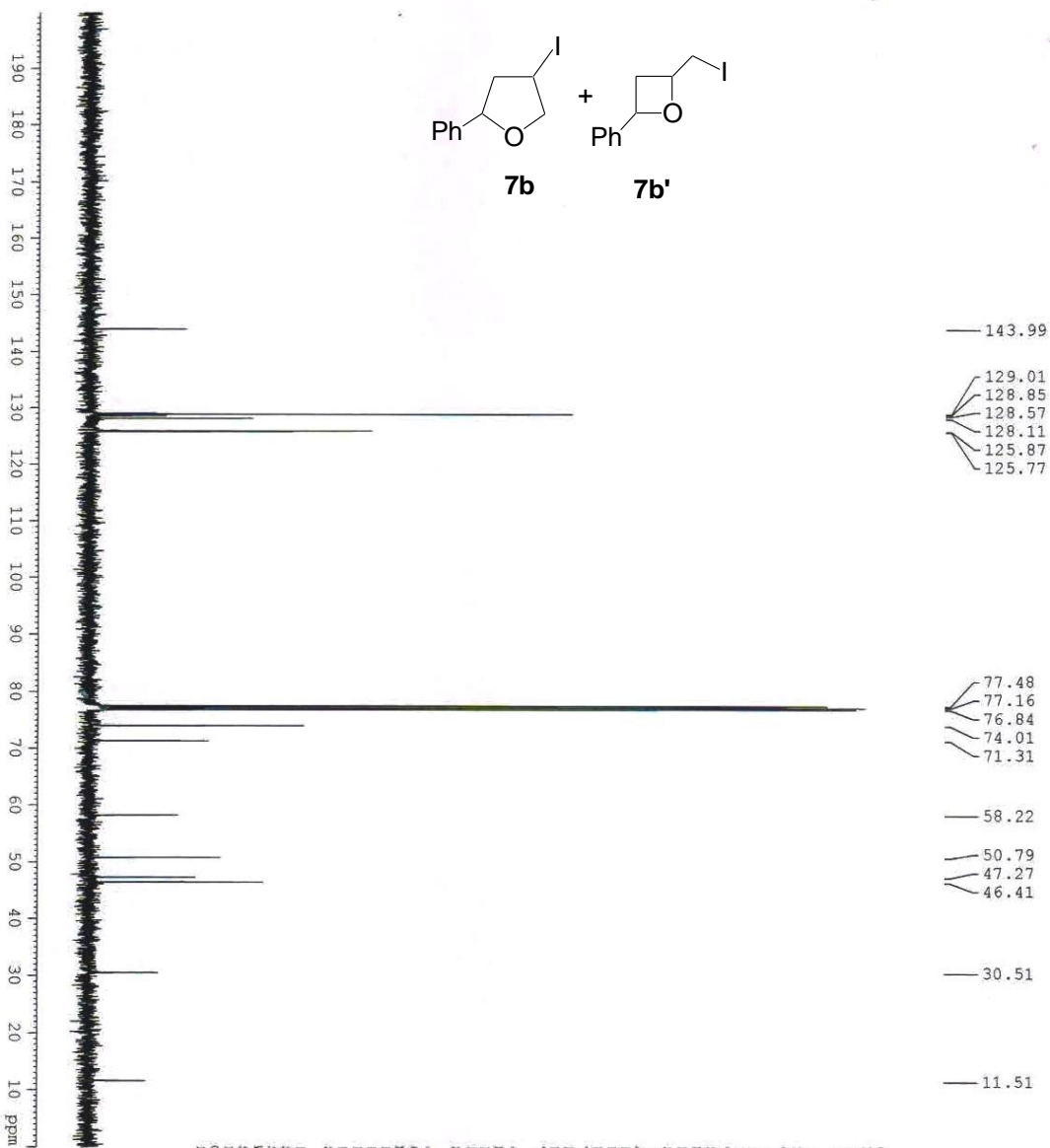
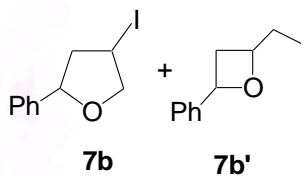
Current Data Parameters
 NAME Dr. A MAYBE 2015
 EXPNO 9
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150607
 Time_ 15.41
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8273.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 93.46
 DW 60.800 usec
 DE 6.50 usec
 TE 298.7 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 4384
 SF 400.150000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



Current Data Parameters
 NAME Dr. A MAJER 2015
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150716
 Time 16:10
 INSTRUM spect
 PROBD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 381
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQRES 0.693746 sec
 RG 327.46
 DW 20.800 usec
 DE 6.50 usec
 TE 299.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

CHANNEL F1
 NUC1 13C
 P1 8.90 usec
 PLW1 54.00000000 W
 SFO1 100.6278588 MHz

CHANNEL F2
 waltz16
 CPDPRG2 waltz16
 NUC2 1H
 F2P2 80.00 usec
 F2PD2 12.00000000 W
 PLW2 4.40729929 W
 PLW13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing Parameters
 SI 16384
 SF 100.6177836 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 SC 1.40



Current Data Parameters
 NAME: Dr. A. MATYK 2015
 EXPNO: 13
 PROCNO: 1

F2 - Acquisition Parameters

Time: 20110905
 Date_1: 14
 INSTRUM: spect
 PROBHD: 5 mm PABBO BB/
 PULPROG: dept135
 TD: 32768
 SOLVENT: CDCl3
 NS: 160
 DS: 4
 SWH: 24038.461 Hz
 FIDRES: 0.733596 Hz
 AQ: 0.6816244 sec
 RG: 87.66
 DW: 20.800 usec
 DE: 6.50 usec
 TE: 300.7 K
 TS: 300.2 K
 T1: 145.000000 sec
 T1RST2: 2.00000000 sec
 D1: 0.0034828 sec
 D2: 0.00002000 sec
 P1: 1
 P2: 0

CHANNEL F1
 NUCL1: 13C
 P1: 8.00 usec
 F2: 17.80 usec
 PLW1: 54.00000000 W
 SFO1: 100.6278598 MHz

CHANNEL F2
 CPDPRG2: waltz16
 NUCL2: 1H
 P1: 14.71 usec
 P2: 29.50 usec
 F4: 60.00 usec
 PCPD2: 12.00000000 W
 PLW2: 0.40792999 W
 SFO2: 400.151297 MHz

F2 - Processing parameters
 SI: 328 MHz
 SF: 100.6177968 MHz
 WDW: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.40

