

SUPPORTING INFORMATION

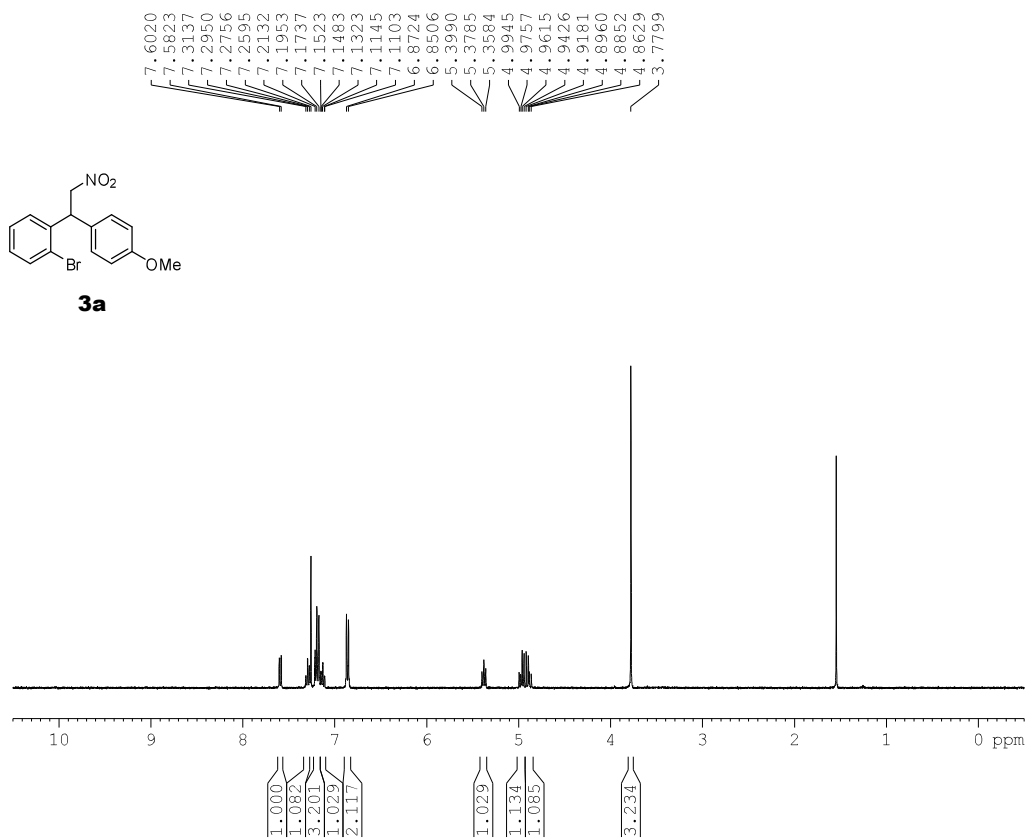
SYNTHESIS OF 3-ARYLINDOLE DERIVATIVES FROM NITROALKANE PRECURSORS

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Veerababurao Kavala, Ching-Fa Yao*

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1-bromo-2-(1-(4-methoxyphenyl)-2-nitroethyl)benzene



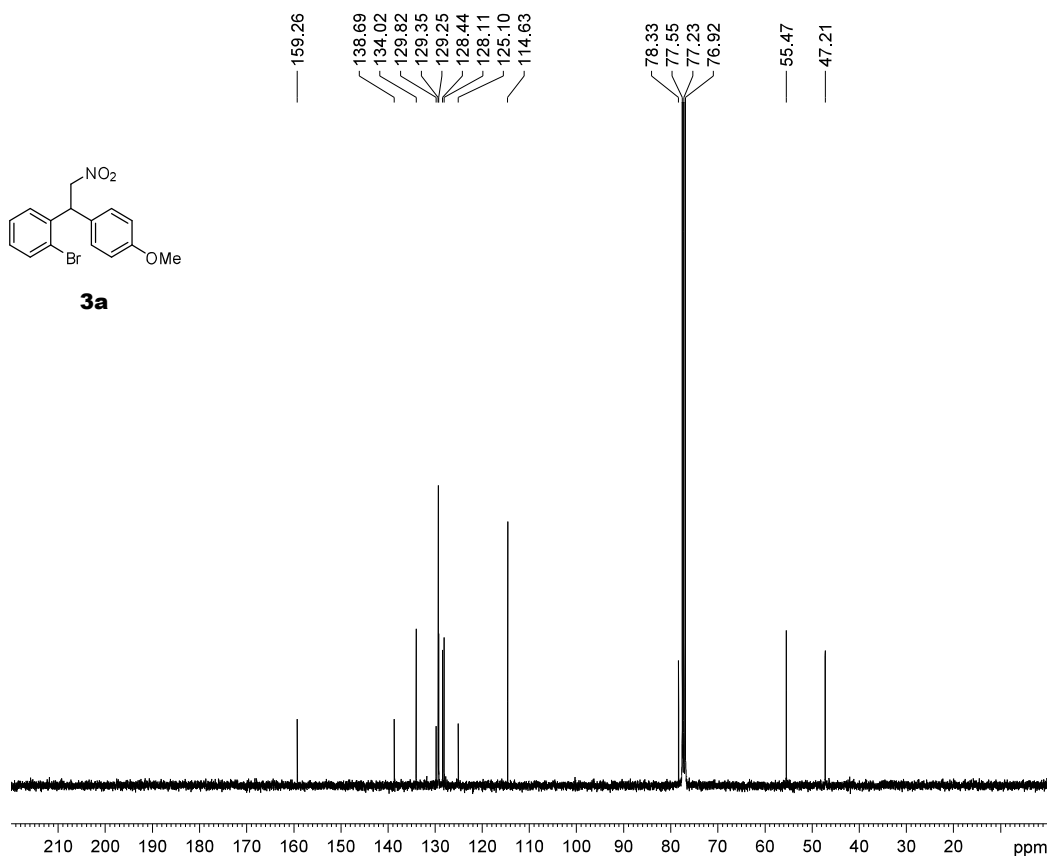
Current Data Parameters
NAME 2Br sty*ani
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120806
Time 15.27
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2609921 sec
RG 4
DW 69,000 usec
DE 6.50 usec
TE 299.2 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 usec
PL1 4.00 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300093 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

1-bromo-2-(1-(4-methoxyphenyl)-2-nitroethyl)benzene



Current Data Parameters
NAME 2Br sty*ani
EXPNO 6
PROCNO 1

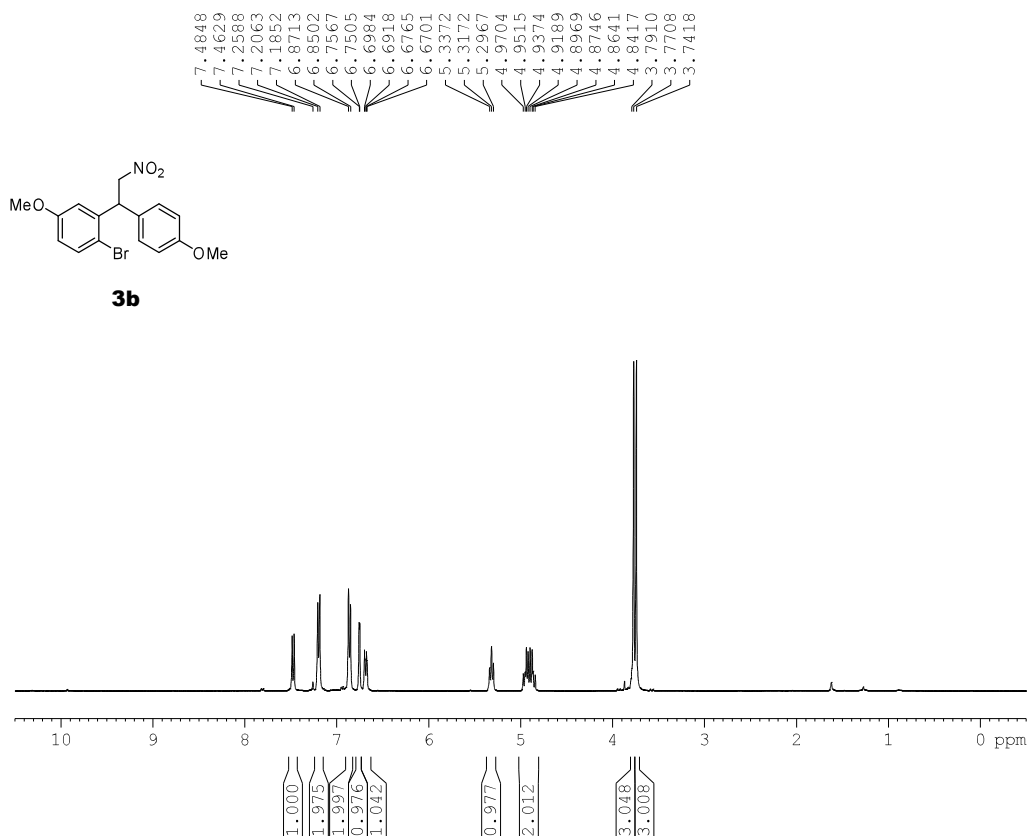
F2 - Acquisition Parameters
Date_ 20120824
Time 18.37
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1090
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 299.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 8.90 usec
PL1 7.00 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 3.80 dB
PL12 21.80 dB
PL13 24.80 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127470 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1-bromo-4-methoxy-2-(1-(4-methoxyphenyl)-2-nitroethyl)benzene



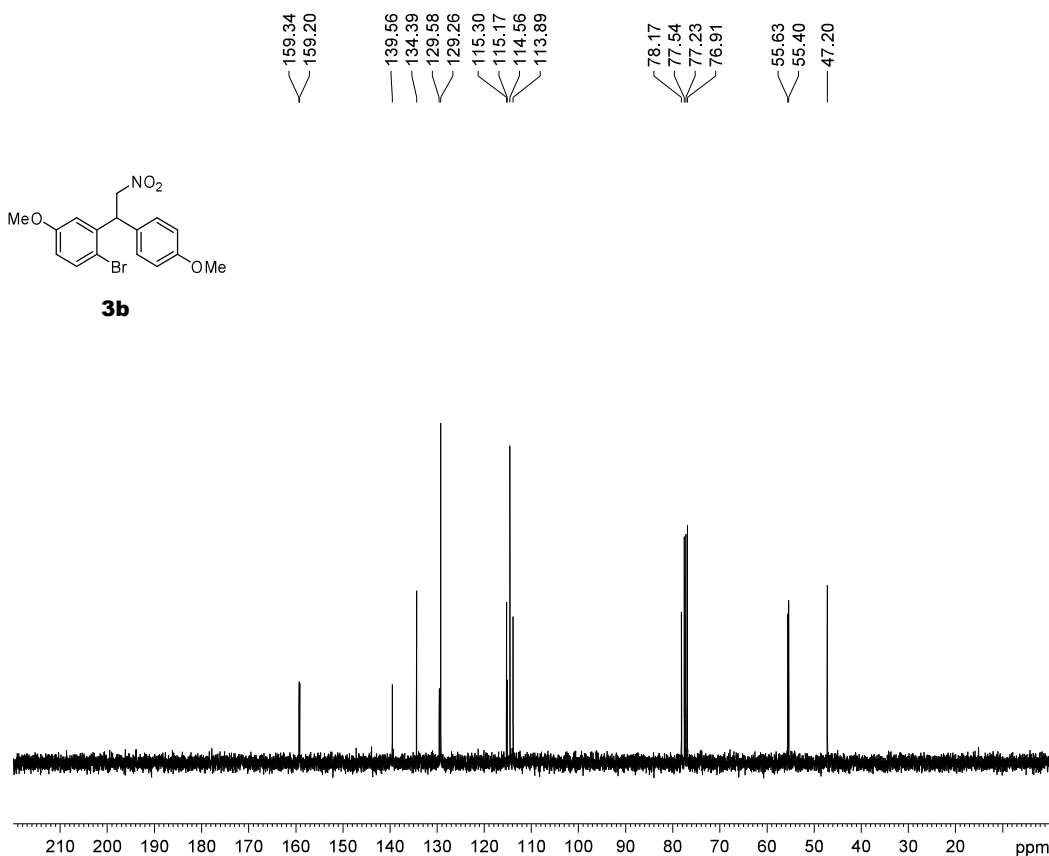
Current Data Parameters
NAME 2Br 5OMe sty+ani
EXPNO 6
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140616
Time 20.32
INSTRUM spect
PROBHD 5 mm SEI 1H-13
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 22
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69.000 usec
DE 6.50 usec
TE 296.9 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 -4.20 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300109 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

1-bromo-4-methoxy-2-(1-(4-methoxyphenyl)-2-nitroethyl)benzene



Current Data Parameters
NAME 2Br 5OMe sty+ani
EXPNO 5
PROCNO 1

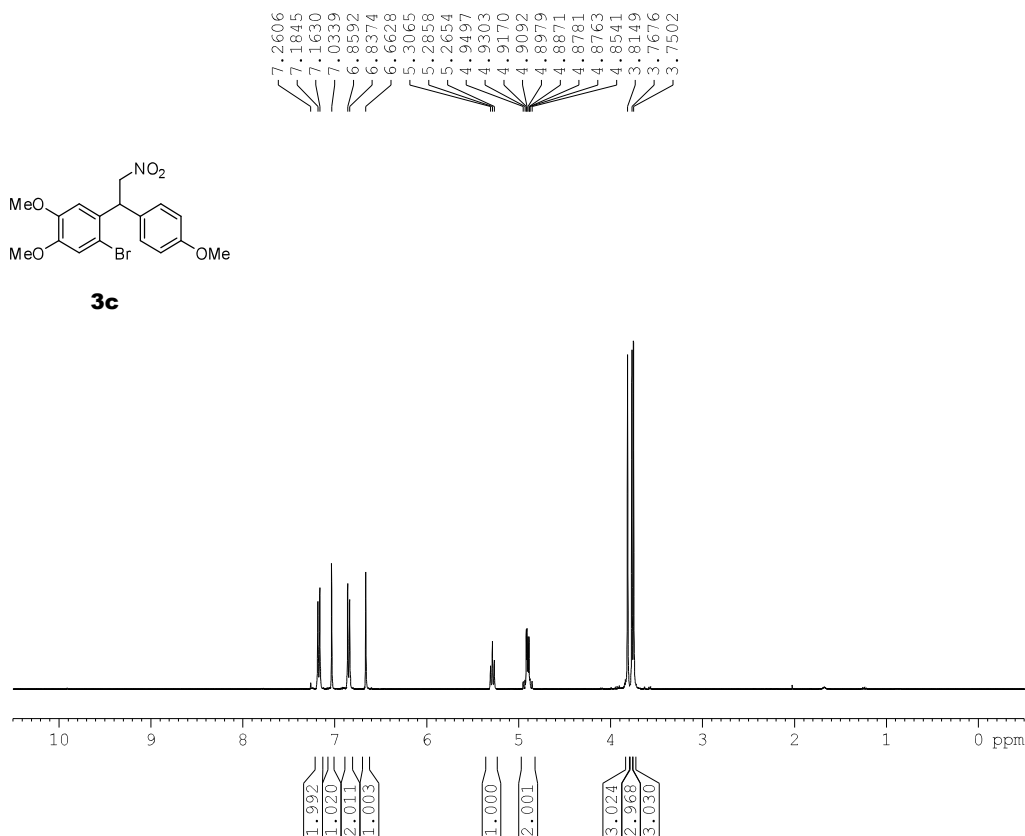
F2 - Acquisition Parameters
Date_ 20140616
Time 20.29
INSTRUM spect
PROBHD 5 mm SEI 1H-13
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 37
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 297.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 15.50 usec
PL1 7.30 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -4.20 dB
PL12 13.10 dB
PL13 16.10 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127558 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1-bromo-4,5-dimethoxy-2-(1-(4-methoxyphenyl)-2-nitroethyl)benzene



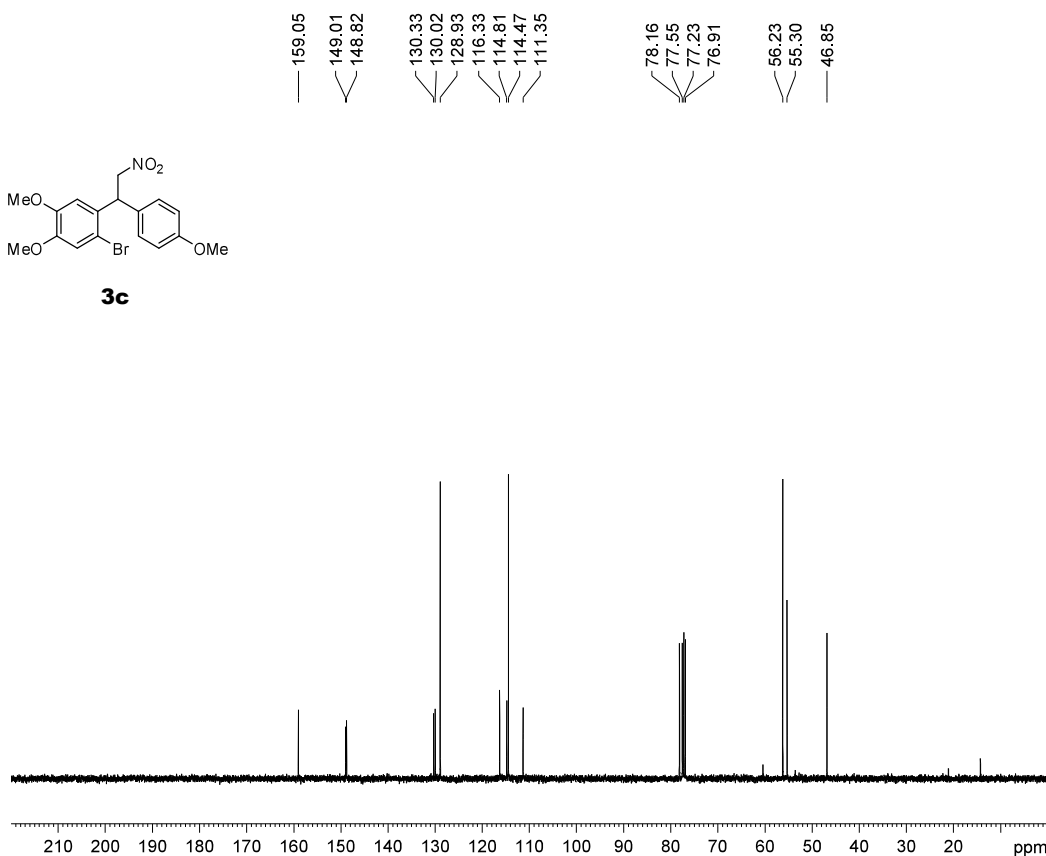
Current Data Parameters
NAME 2Br 45OMe sty+ani
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140418
Time 22.45
INSTRUM spect
PROBHD 5 mm SEI 1H-13
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69.000 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 -4.20 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300081 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

1-bromo-4,5-dimethoxy-2-(1-(4-methoxyphenyl)-2-nitroethyl)benzene



Current Data Parameters
NAME 2Br 45OMe sty+ani
EXPNO 5
PROCNO 1

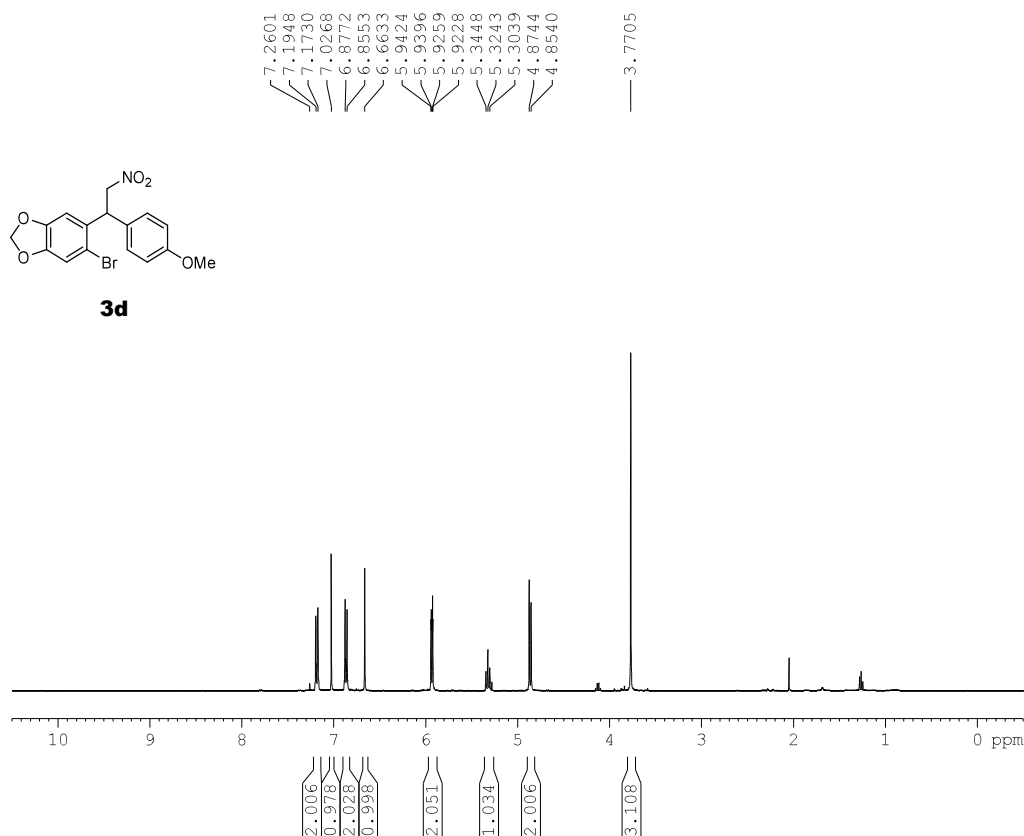
F2 - Acquisition Parameters
Date_ 20140417
Time 21.19
INSTRUM spect
PROBHD 5 mm SEI 1H-13
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 97
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 15.50 usec
PL1 7.30 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -4.20 dB
PL12 13.10 dB
PL13 16.10 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127617 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

5-bromo-6-(1-(4-methoxyphenyl)-2-nitroethyl)benzo[d][1,3]dioxole



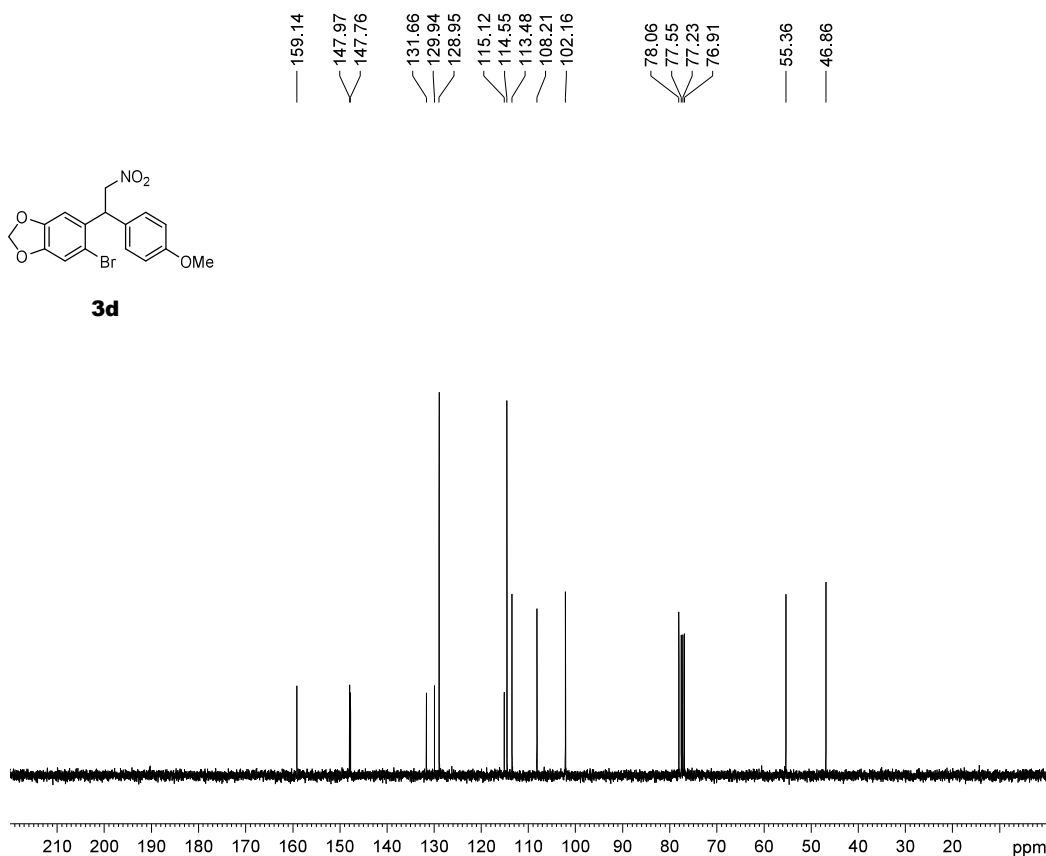
Current Data Parameters
NAME 6Br Piperonyl sty+ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140417
Time 20.55
INSTRUM spect
PROBHD 5 mm SEI 1H-13
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69.000 usec
DE 6.50 usec
TE 299.8 K
D1 2.0000000 sec
D10 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 -4.20 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300087 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

5-bromo-6-(1-(4-methoxyphenyl)-2-nitroethyl)benzo[d][1,3]dioxole



Current Data Parameters
NAME 6Br Piperonyl sty+ani
EXPNO 4
PROCNO 1

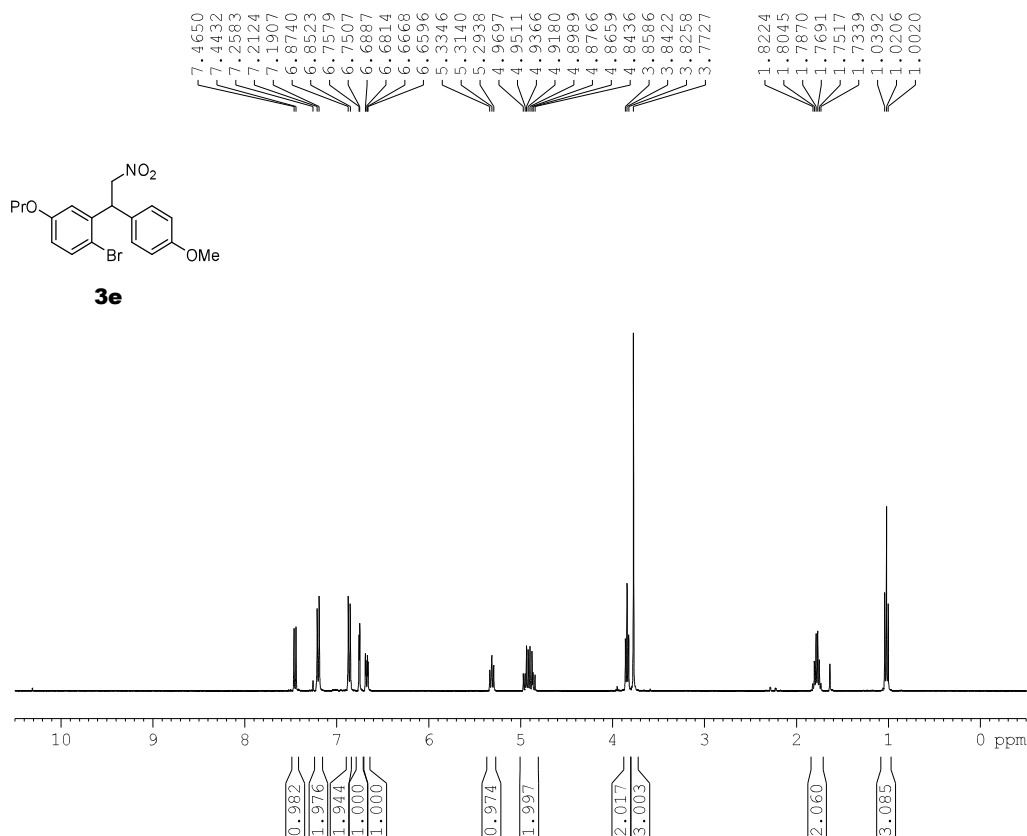
F2 - Acquisition Parameters
Date_ 20140417
Time 21.03
INSTRUM spect
PROBHD 5 mm SEI 1H-13
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 35
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 299.8 K
D1 2.0000000 sec
D11 0.03000000 sec
D10 1

===== CHANNEL f1 =====
NUC1 13C
P1 15.50 usec
PL1 7.30 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -4.20 dB
PL12 13.10 dB
PL13 16.10 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127603 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

3-bromo-4'-methoxy-2-(2-nitroethyl)-6-propoxy-1,1'-biphenyl



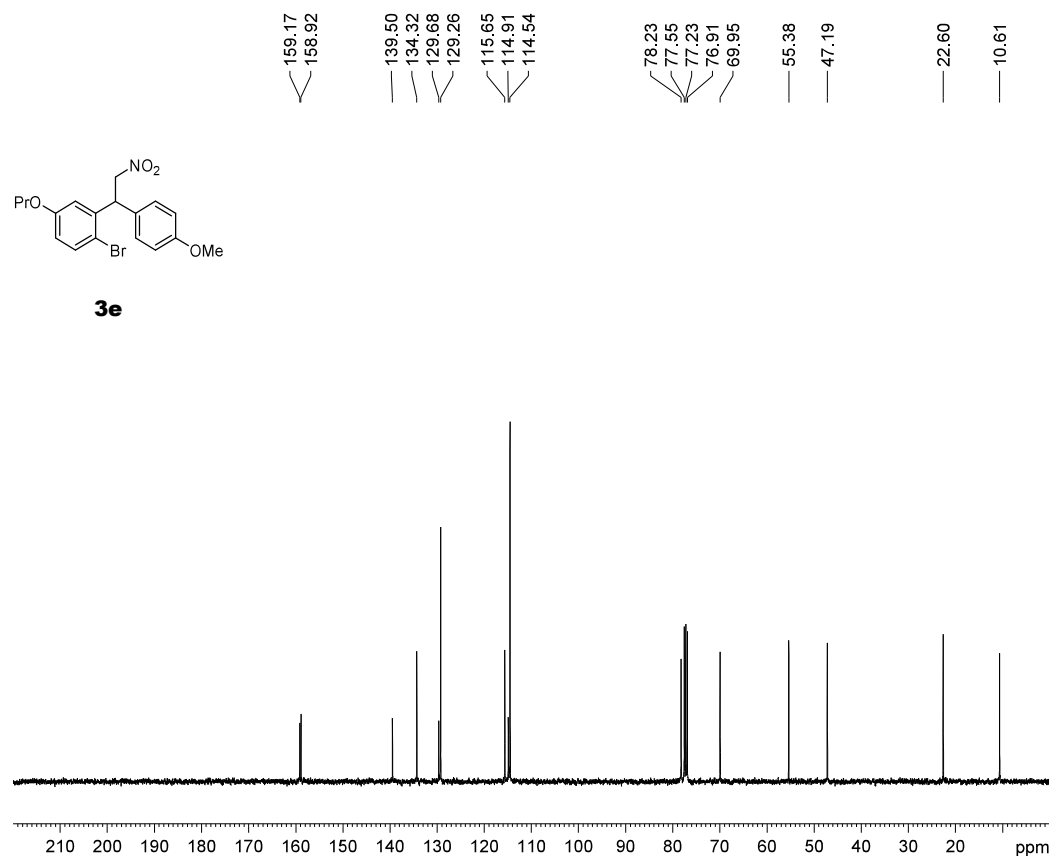
Current Data Parameters
NAME 2Br 5OnPr sty+ani
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140610
Time 14.29
INSTRUM spect
PROBHD 5 mm SEI 1H-13
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69.000 usec
DE 6.50 usec
TE 298.3 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 -4.20 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300095 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-bromo-4'-methoxy-2-(2-nitroethyl)-6-propoxy-1,1'-biphenyl



Current Data Parameters
NAME 2Br 5OnPr sty+ani
EXPNO 4
PROCNO 1

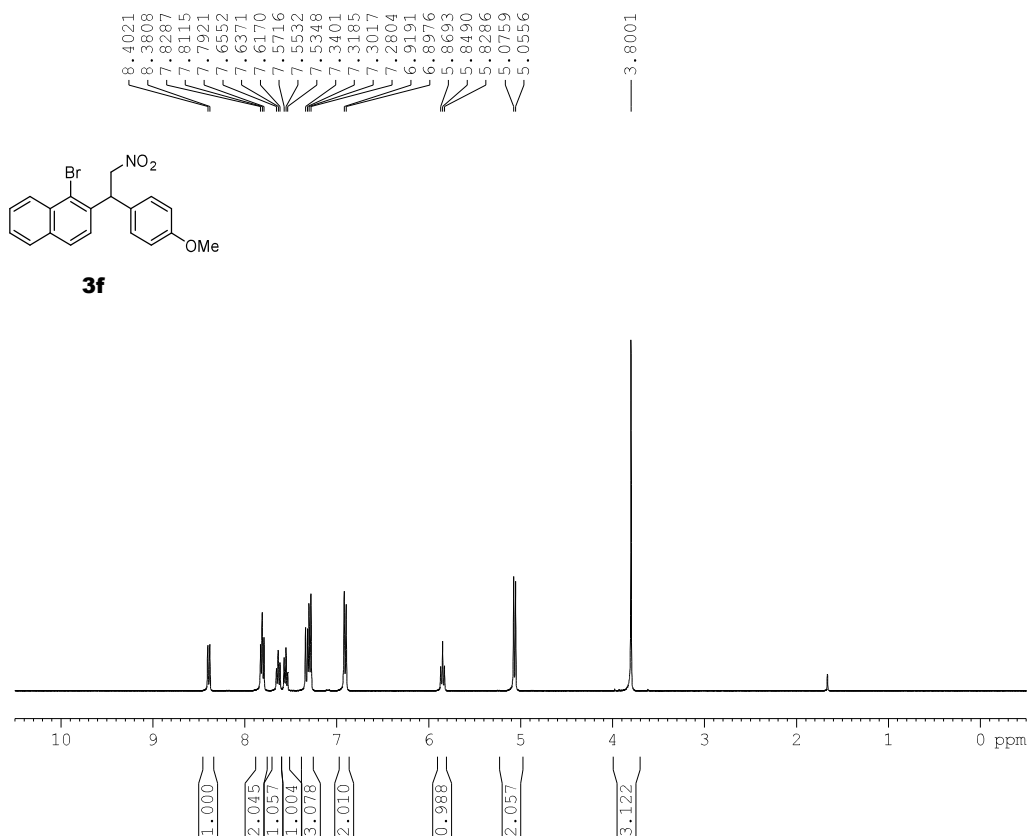
F2 - Acquisition Parameters
Date_ 20140616
Time 10.46
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 47
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.8 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 60.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.612561 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1-bromo-2-(1-(4-methoxyphenyl)-2-nitroethyl)naphthalene



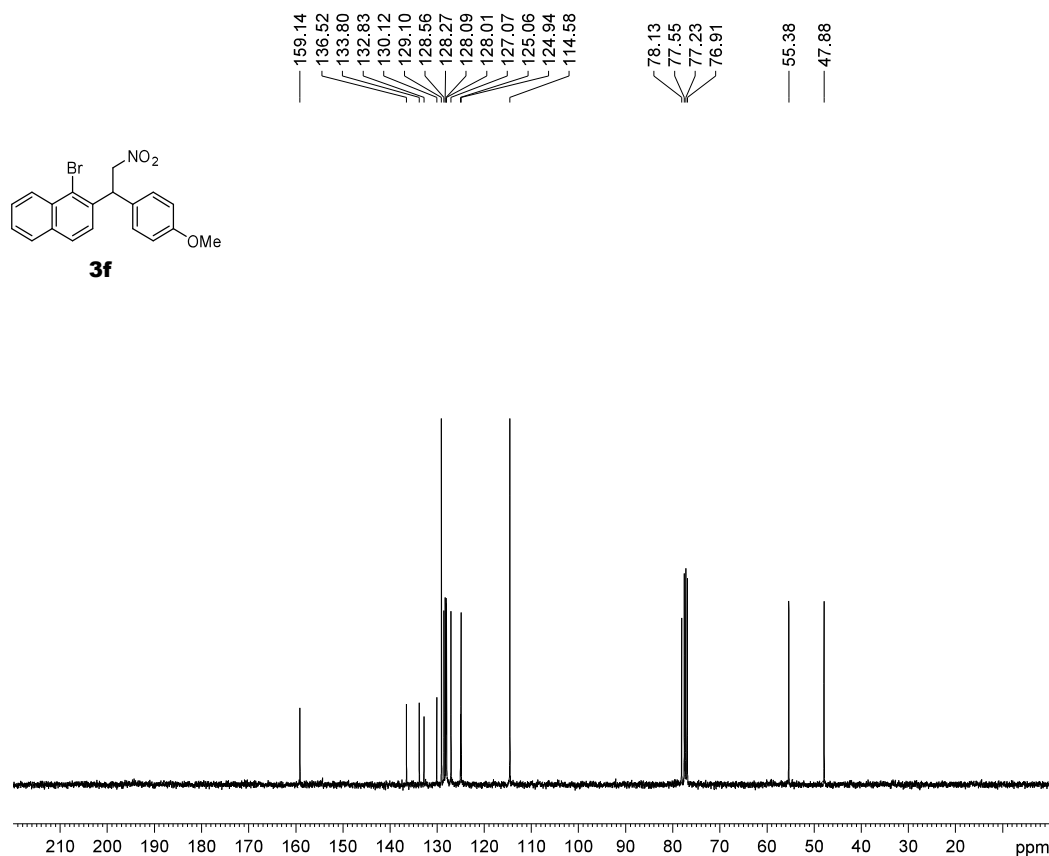
Current Data Parameters
NAME 1Br 2naph sty+ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140425
Time 10.54
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.4 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

1-bromo-2-(1-(4-methoxyphenyl)-2-nitroethyl)naphthalene



Current Data Parameters
NAME 1Br 2naph sty+ani
EXPNO 2
PROCNO 1

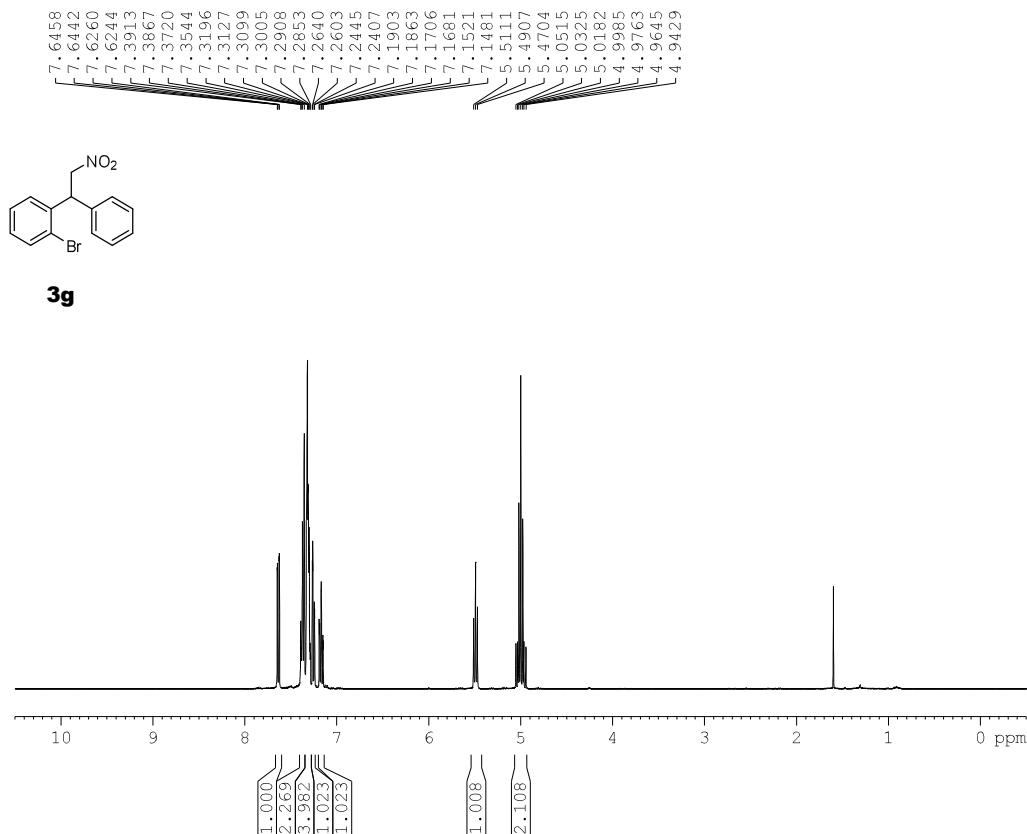
F2 - Acquisition Parameters
Date_ 20140425
Time 10.56
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 42
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 299.0 K
D1 2.0000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127602 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1-bromo-2-(2-nitro-1-phenylethyl)benzene



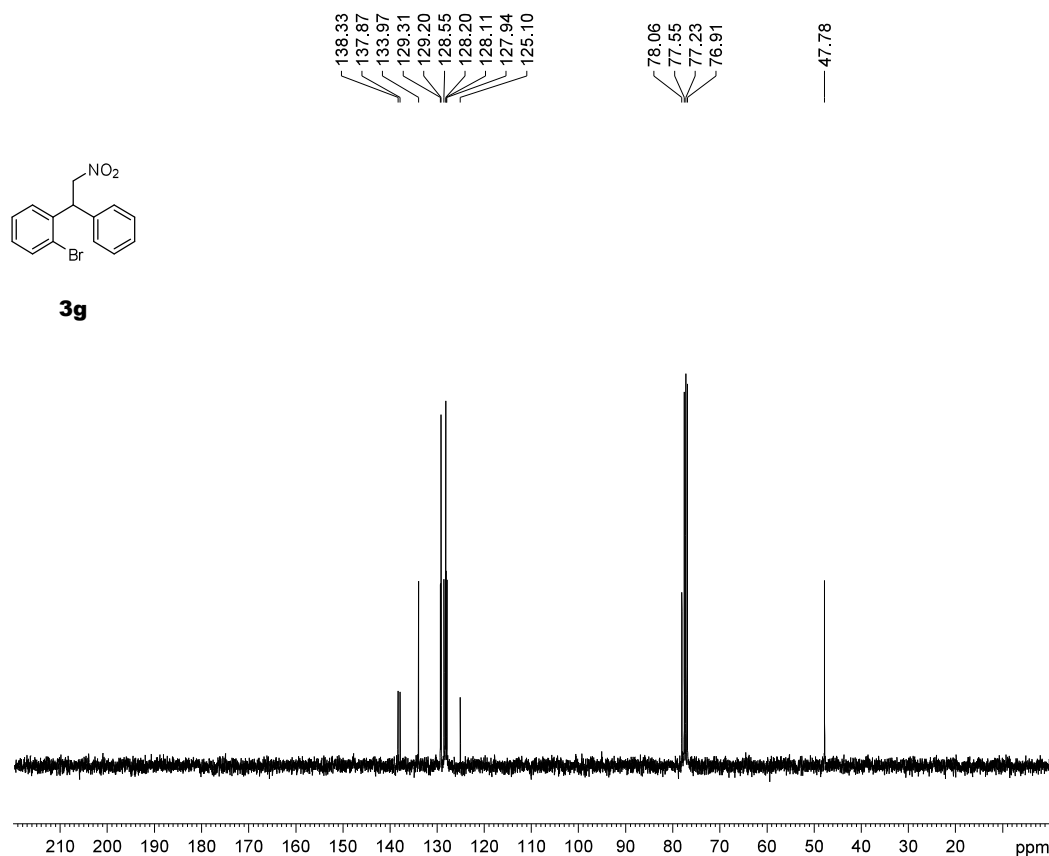
Current Data Parameters
NAME 2Br sty+PhH
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20160526
Time 14.03
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.50 usec
TE 297.8 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.90 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

1-bromo-2-(2-nitro-1-phenylethyl)benzene



Current Data Parameters
NAME 2Br sty+PhH
EXPNO 3
PROCNO 1

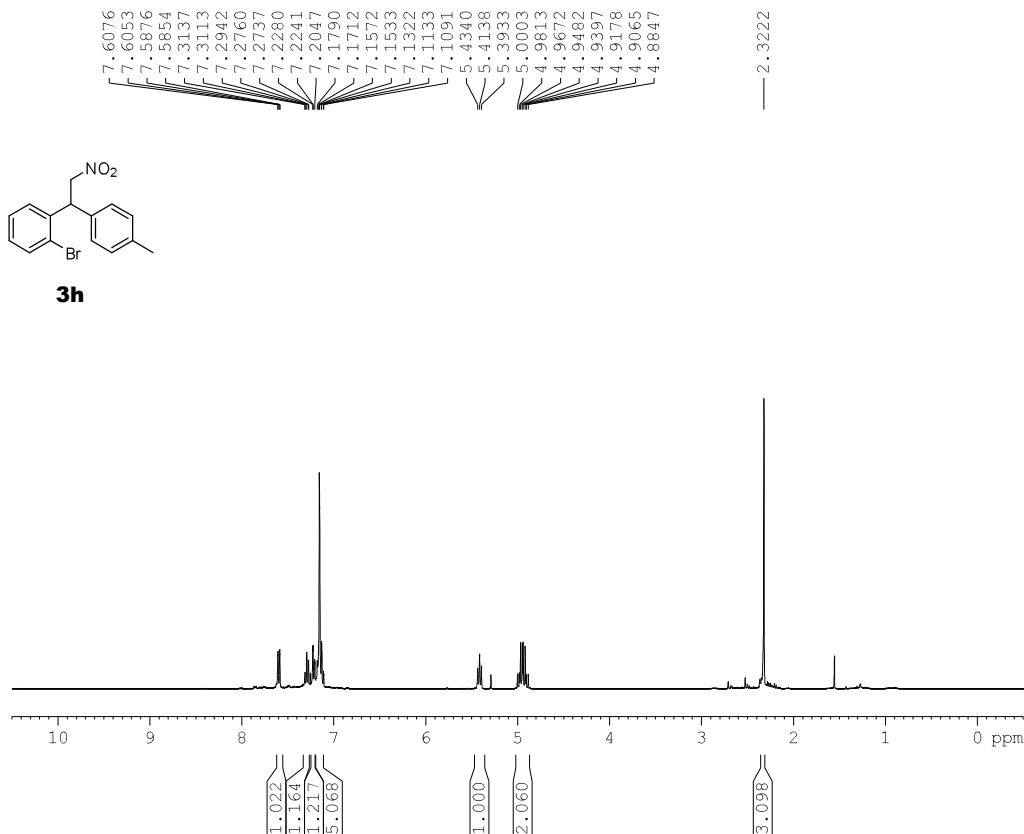
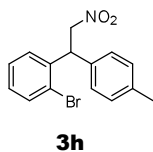
F2 - Acquisition Parameters
Date_ 20160526
Time 14.04
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 12
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 297.9 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6228298 MHz
NUC1 13C
P1 10.00 usec
PLW1 47.50000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.33750001 W
PLW13 0.27338001 W

F2 - Processing parameters
SI 32768
SF 100.6127550 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1-bromo-2-(2-nitro-1-(p-tolyl)ethyl)benzene



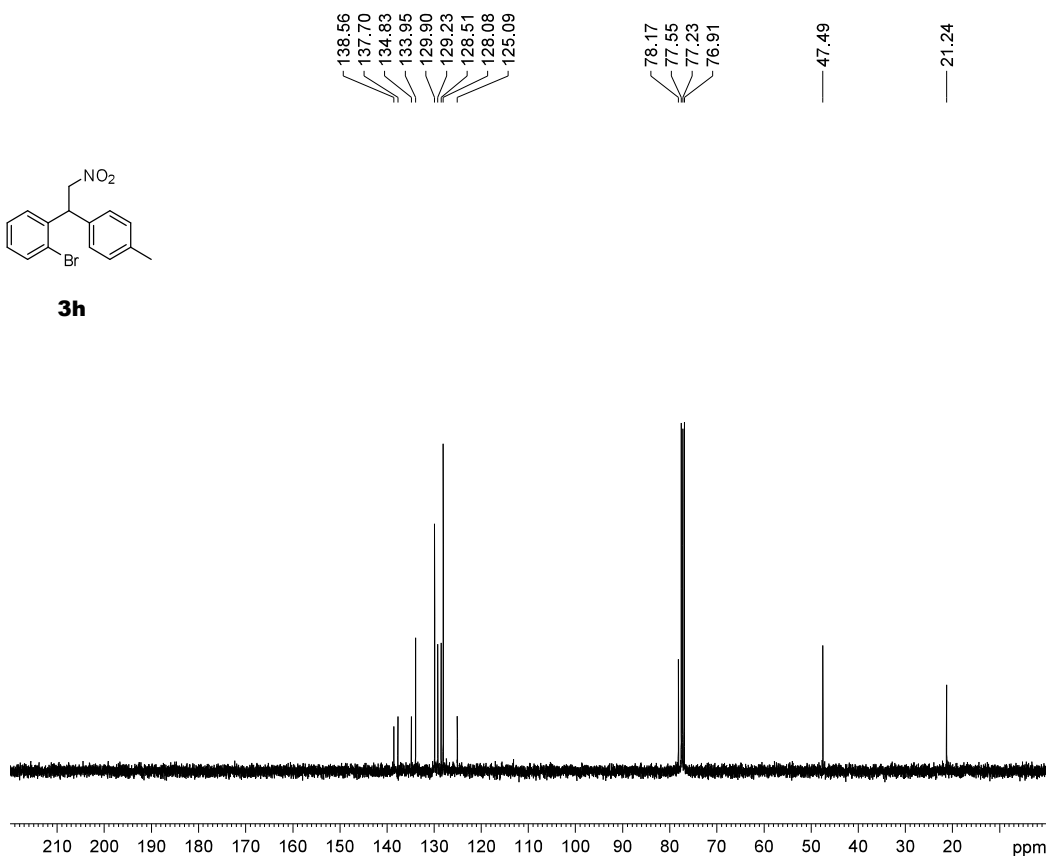
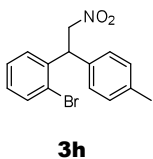
Current Data Parameters
NAME 2Br sty*tol
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20160520
Time 13.02
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69.000 usec
DE 6.50 usec
TE 297.4 K
D1 2.00000000 sec
D0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.40 usec
PL1 1.80 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300118 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

1-bromo-2-(2-nitro-1-(p-tolyl)ethyl)benzene



Current Data Parameters
NAME 2Br sty*tol
EXPNO 2
PROCNO 1

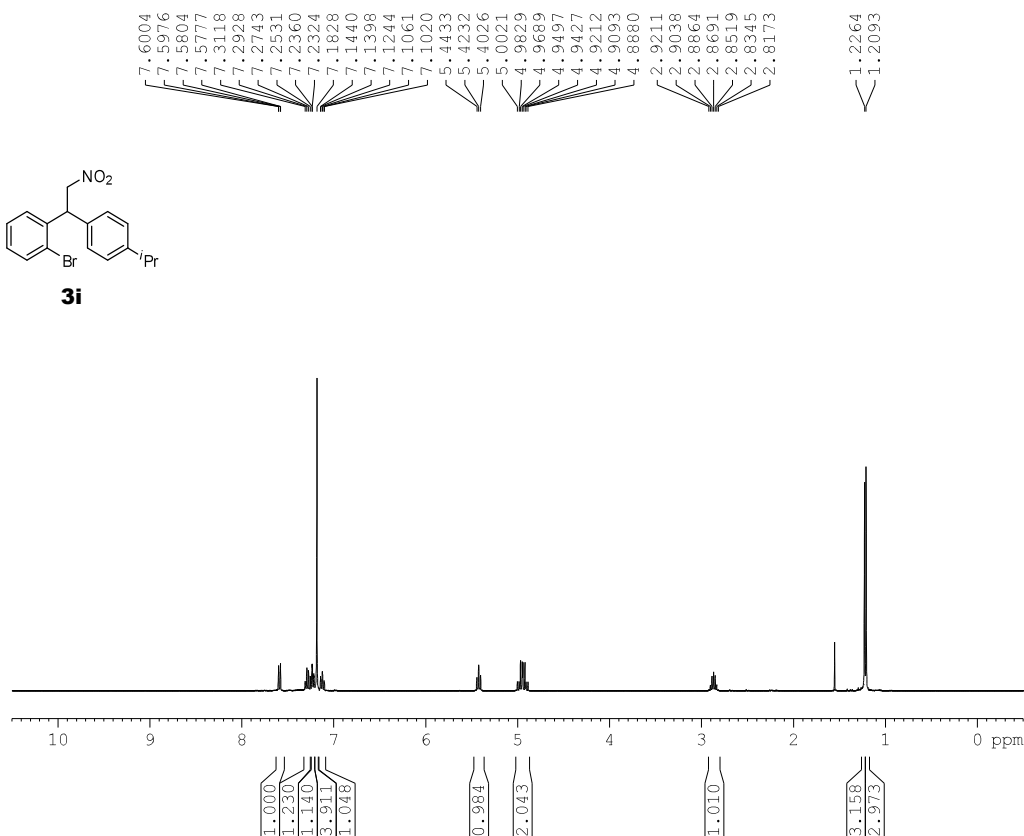
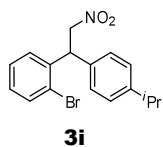
F2 - Acquisition Parameters
Date_ 20160520
Time 13.04
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 70
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 297.4 K
D1 2.00000000 sec
D11 0.03000000 sec
D0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.00 usec
PL1 7.00 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 1.80 dB
PL12 17.00 dB
PL13 20.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127525 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

1-bromo-2-(1-(4-isopropylphenyl)-2-nitroethyl)benzene



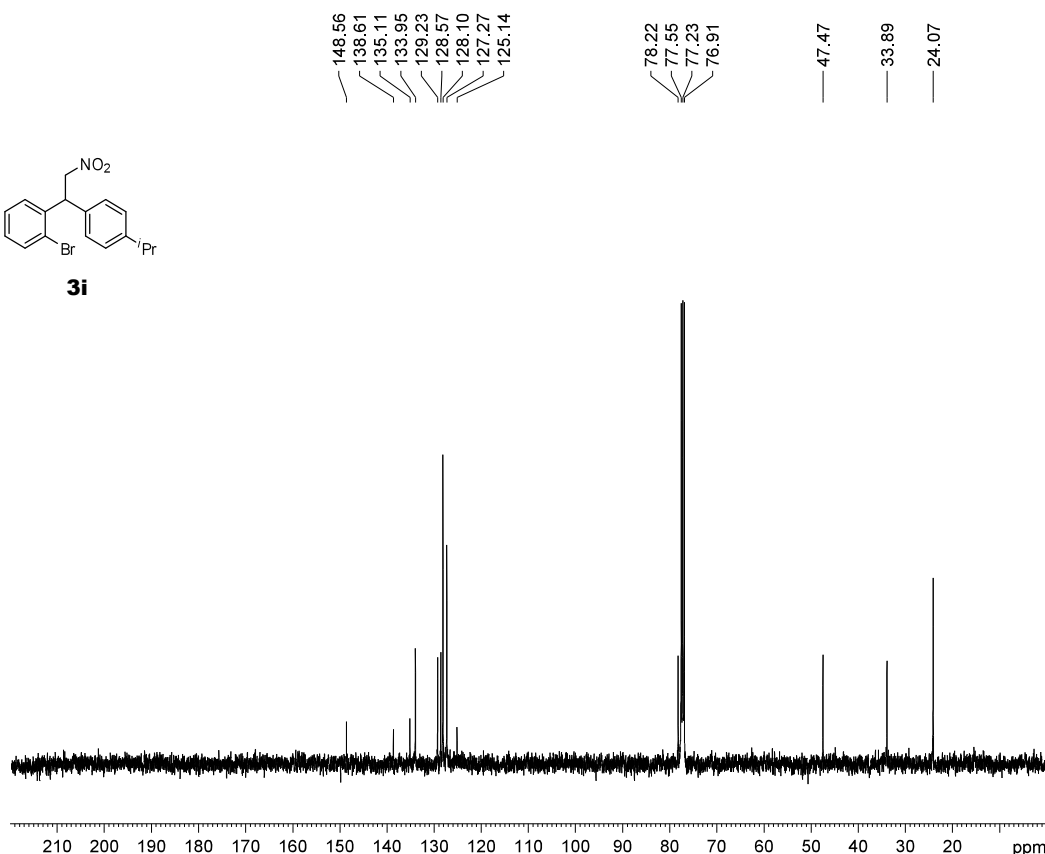
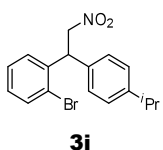
Current Data Parameters
NAME 2Br sty+iPrPh
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20160524
Time 17.23
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69,000 usec
DE 6.50 usec
TE 297.3 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.40 usec
PL1 1.80 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300118 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

1-bromo-2-(1-(4-isopropylphenyl)-2-nitroethyl)benzene



Current Data Parameters
NAME 2Br sty+iPrPh
EXPNO 9
PROCNO 1

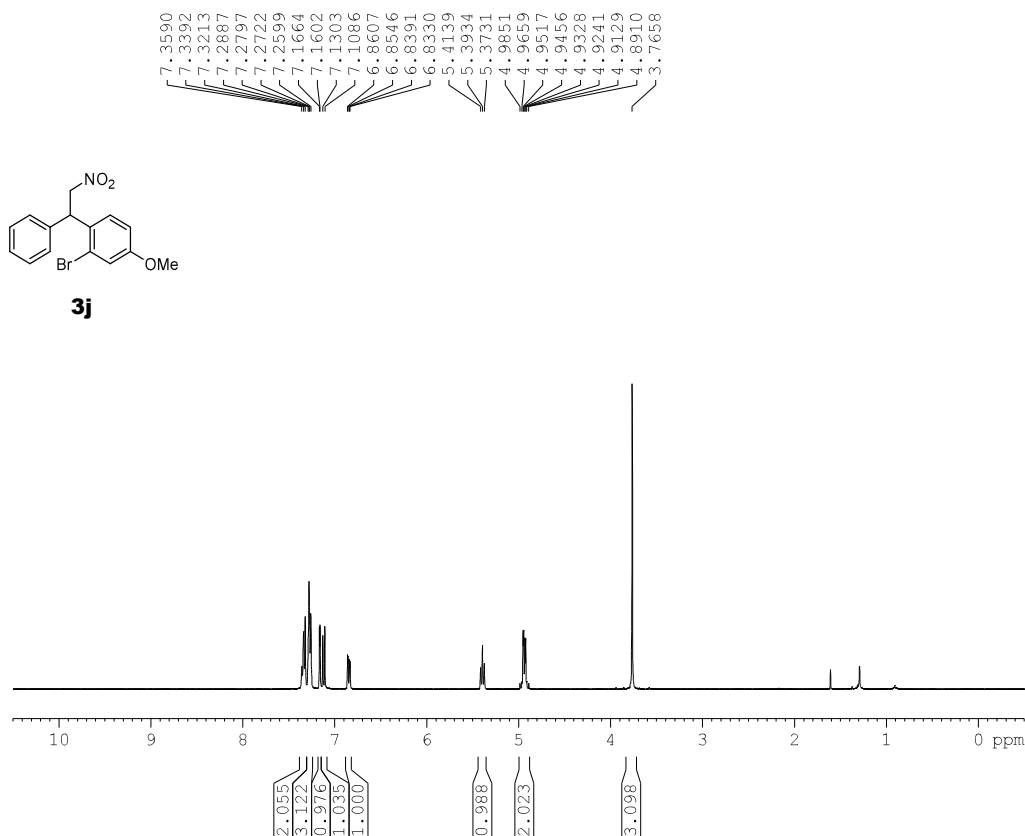
F2 - Acquisition Parameters
Date_ 20160524
Time 20.04
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 80
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 297.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6228298 MHz
NUC1 13C
P1 10.00 usec
PLW1 47.50000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.33750001 W
PLW13 0.27338001 W

F2 - Processing parameters
SI 32768
SF 100.6127494 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(2-nitro-1-phenylethyl)benzene



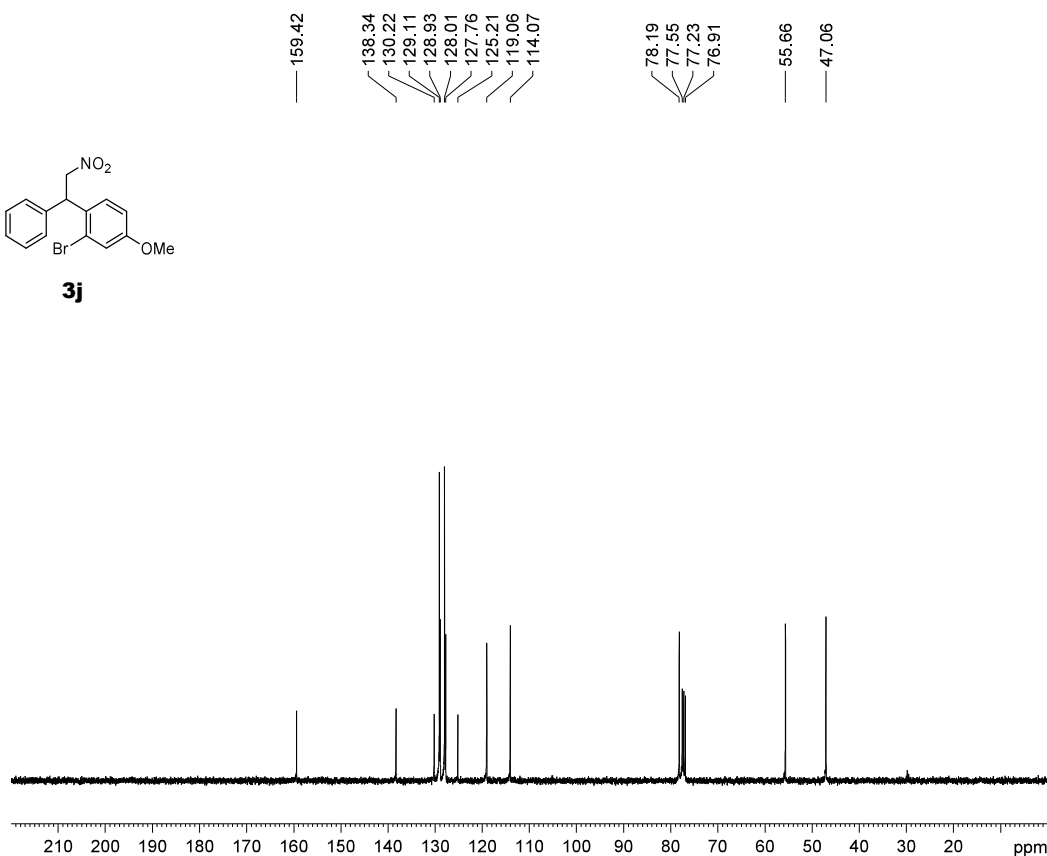
Current Data Parameters
NAME sty+3Br ani
EXPNO 7
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120928
Time 21.01
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2609921 sec
RG 4
DW 69,000 usec
DE 6.50 usec
TE 298.7 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 usec
PL1 4.00 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300087 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(2-nitro-1-phenylethyl)benzene



Current Data Parameters
NAME sty+3Br ani
EXPNO 2
PROCNO 1

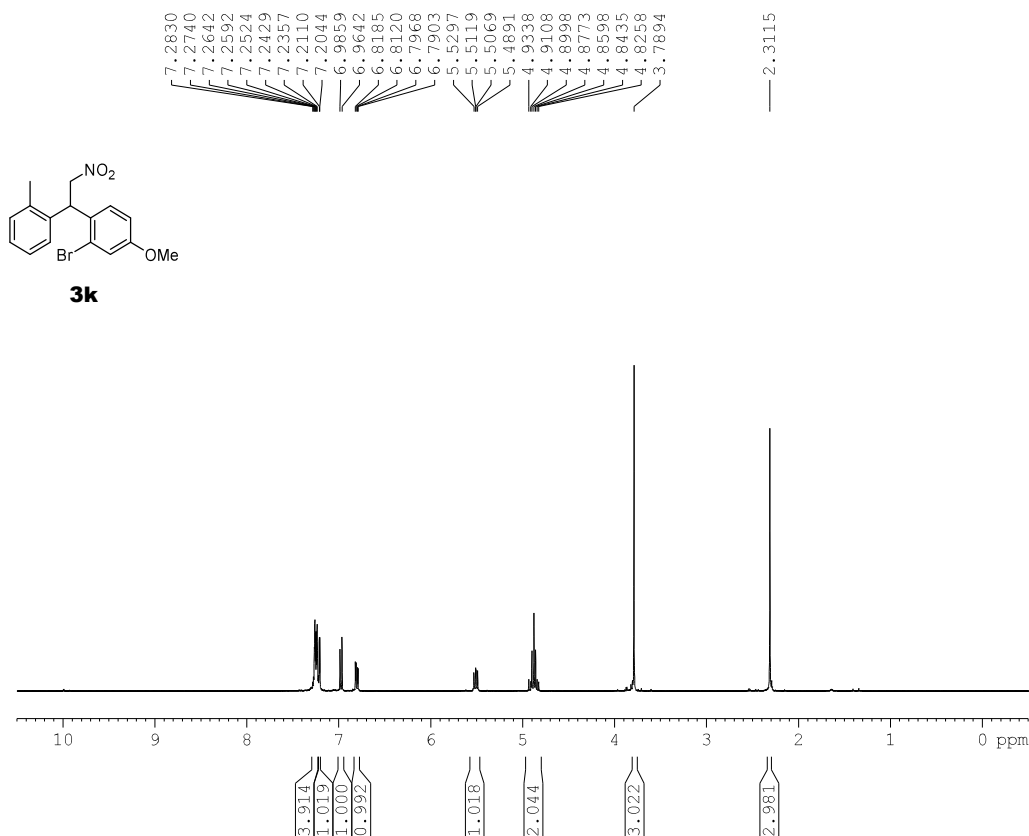
F2 - Acquisition Parameters
Date_ 20121001
Time 23.41
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 128
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 299.5 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 8.90 usec
PL1 7.00 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 3.80 dB
PL12 21.80 dB
PL13 24.80 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127602 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(2-nitro-1-(o-tolyl)ethyl)benzene



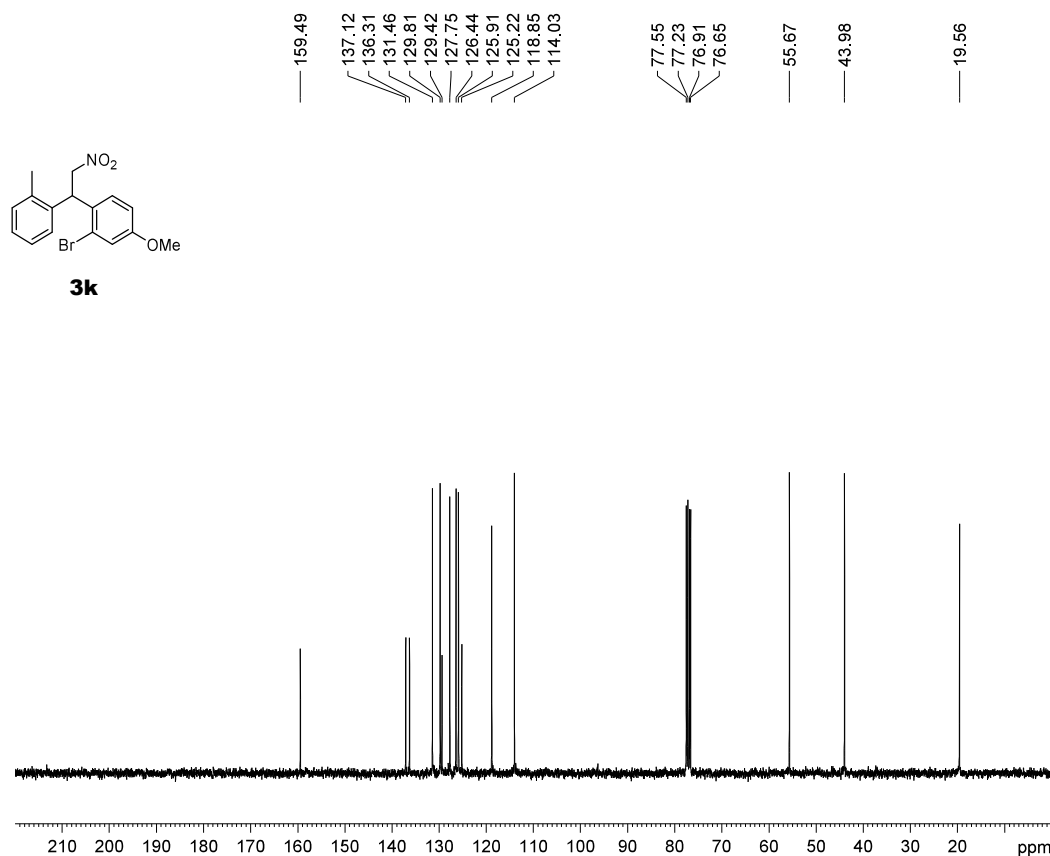
Current Data Parameters
NAME 2Me sty+3Br ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140205
Time 13.59
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl₃
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 29.06
DW 69.333 usec
DE 10.52 usec
TE 298.2 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(2-nitro-1-(o-tolyl)ethyl)benzene



Current Data Parameters
NAME 2Me sty+3Br ani
EXPNO 2
PROCNO 1

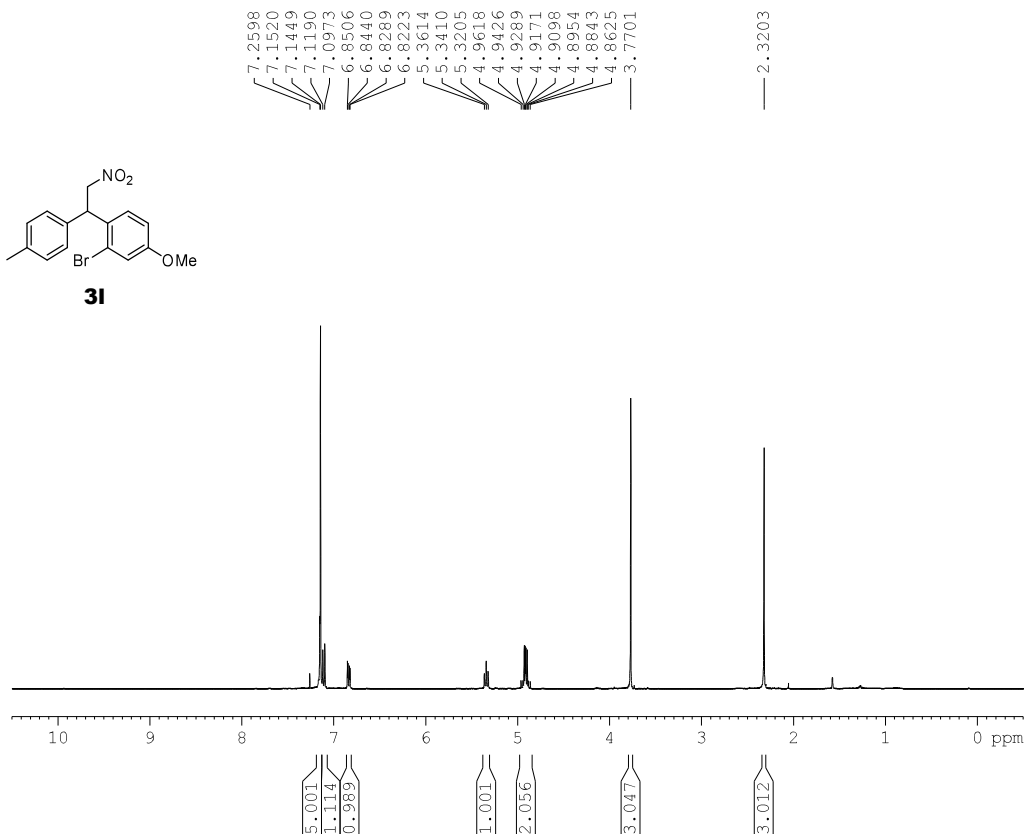
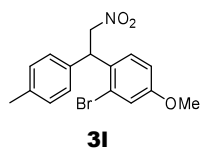
F2 - Acquisition Parameters
Date_ 20140205
Time 14.02
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl₃
NS 38
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.6 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233324 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127600 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(2-nitro-1-(p-tolyl)ethyl)benzene



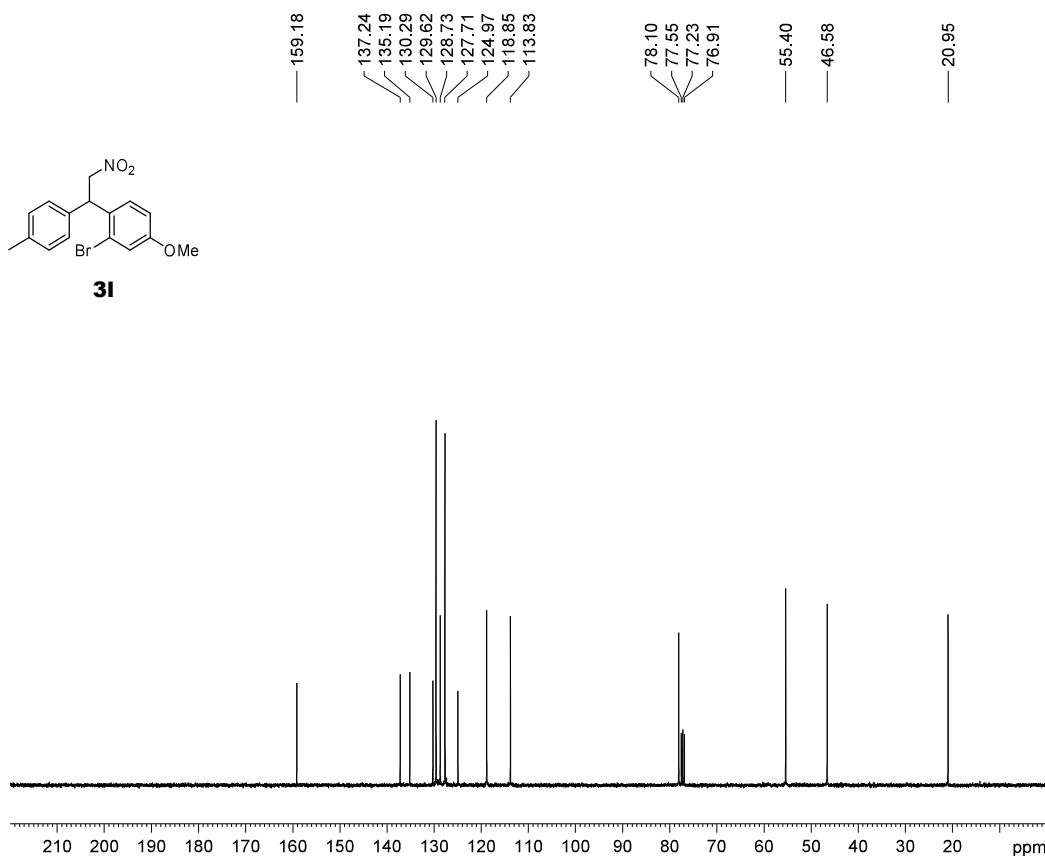
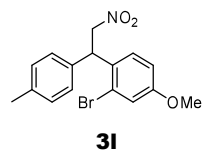
Current Data Parameters
NAME 4Me sty+3Br ani
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130724
Time 11.35
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69,000 usec
DE 6.50 usec
TE 300.5 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.90 usec
PL1 3.00 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300092 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(2-nitro-1-(p-tolyl)ethyl)benzene



Current Data Parameters
NAME 4Me sty+3Br ani
EXPNO 6
PROCNO 1

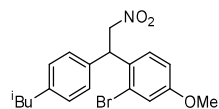
F2 - Acquisition Parameters
Date_ 20130719
Time 21.49
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 33
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 299.9 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.40 usec
PL1 7.00 dB
SFO1 100.6233325 MHz

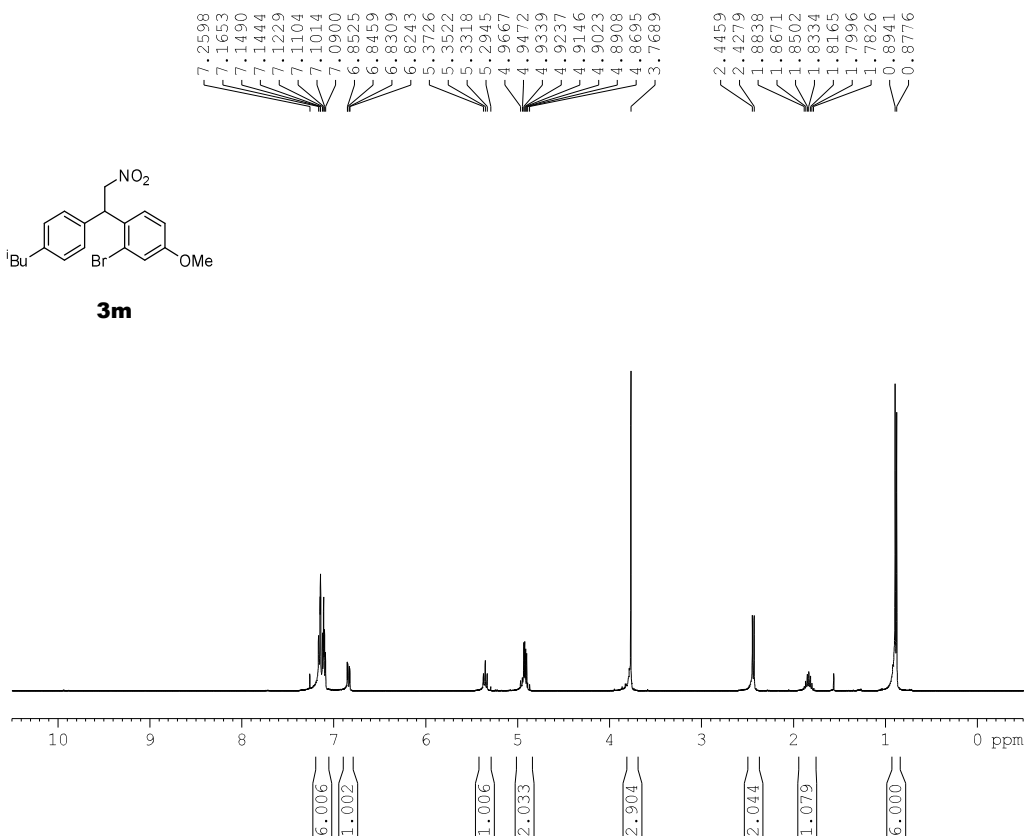
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 3.00 dB
PL12 20.70 dB
PL13 23.70 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127860 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

2-bromo-1-(1-(4-isobutylphenyl)-2-nitroethyl)-4-methoxybenzene



3m



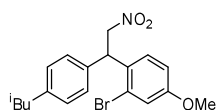
Current Data Parameters
NAME 4iBu sty+3Br ani
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140116
Time 14.38
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 51.8
DW 69.333 usec
DE 10.52 usec
TE 297.4 K
D1 2.00000000 sec
TD0 1

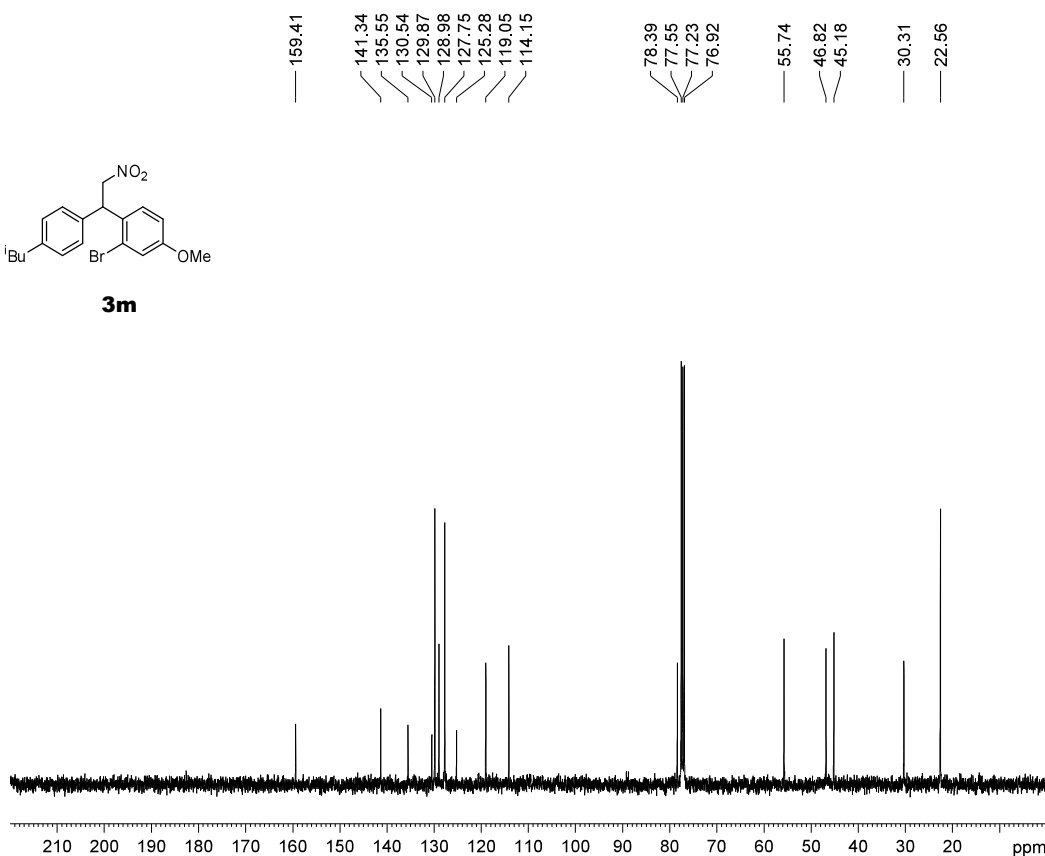
===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300093 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-bromo-1-(1-(4-isobutylphenyl)-2-nitroethyl)-4-methoxybenzene



3m



Current Data Parameters
NAME 4iBu sty+3Br ani
EXPNO 4
PROCNO 1

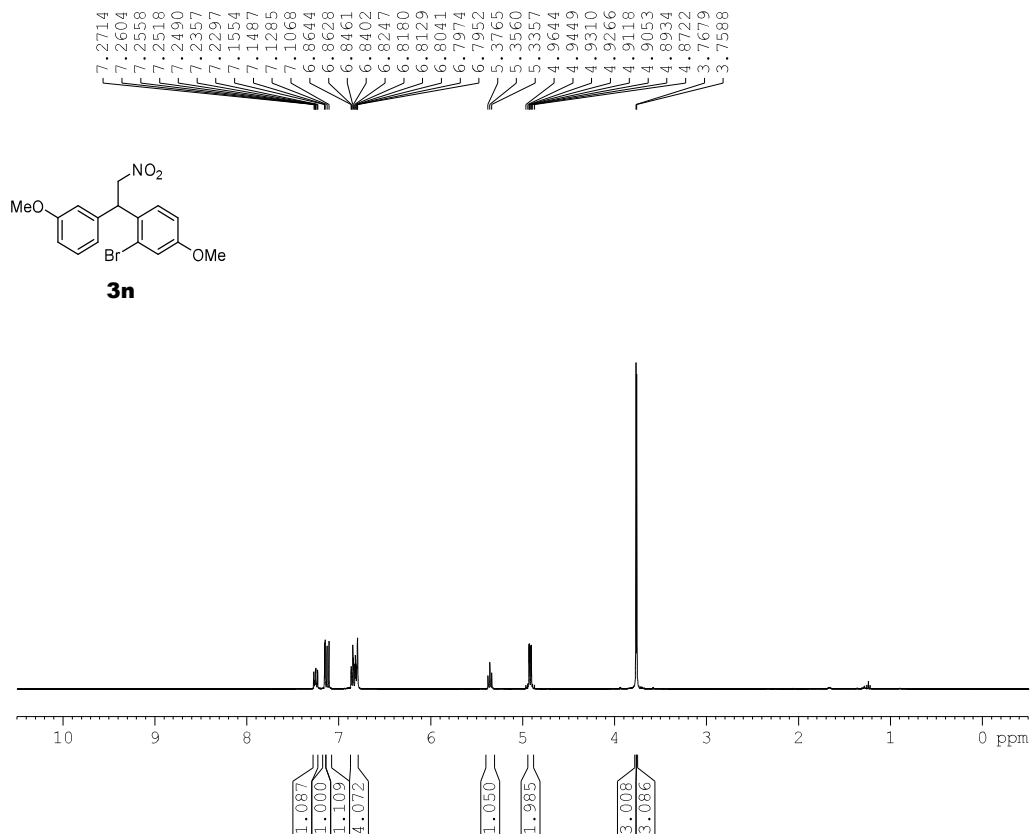
F2 - Acquisition Parameters
Date_ 20140116
Time 14.41
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 53
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 297.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233324 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127506 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(1-(3-methoxyphenyl)-2-nitroethyl)benzene



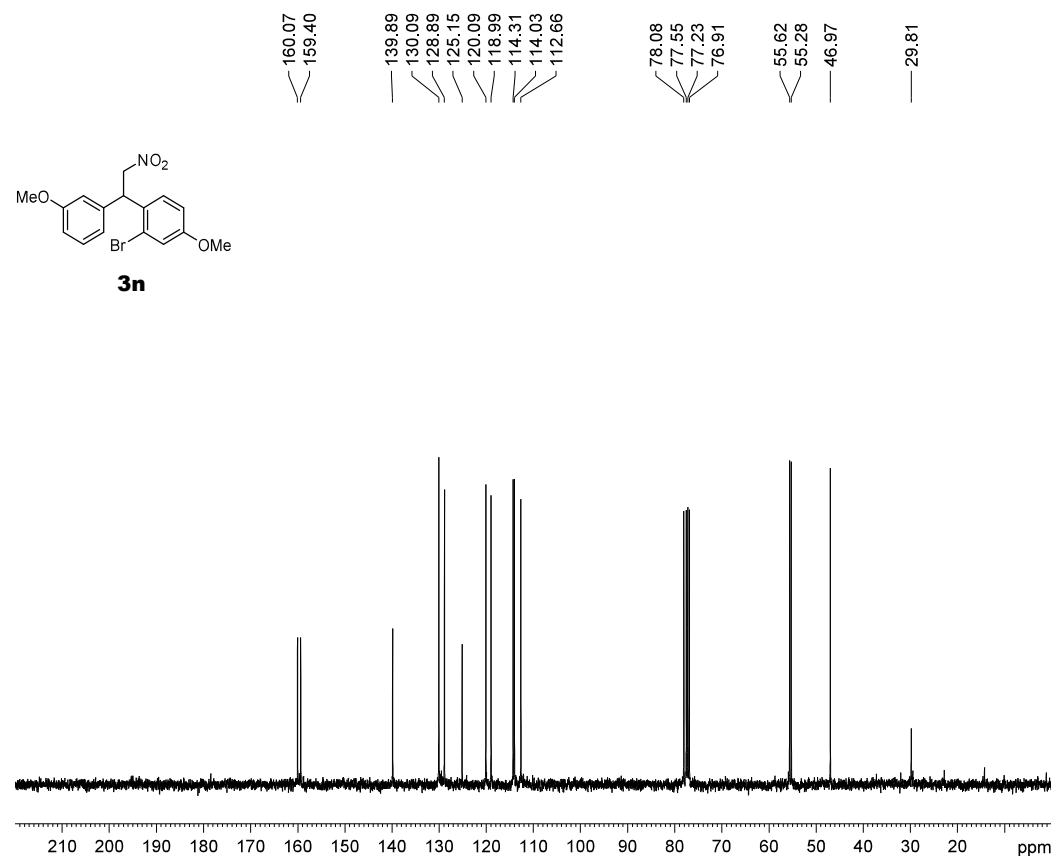
Current Data Parameters
NAME 3OMe sty+3Br ani
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140225
Time 10.30
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.3 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300091 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(1-(3-methoxyphenyl)-2-nitroethyl)benzene



Current Data Parameters
NAME 3OMe sty+3Br ani
EXPNO 2
PROCNO 1

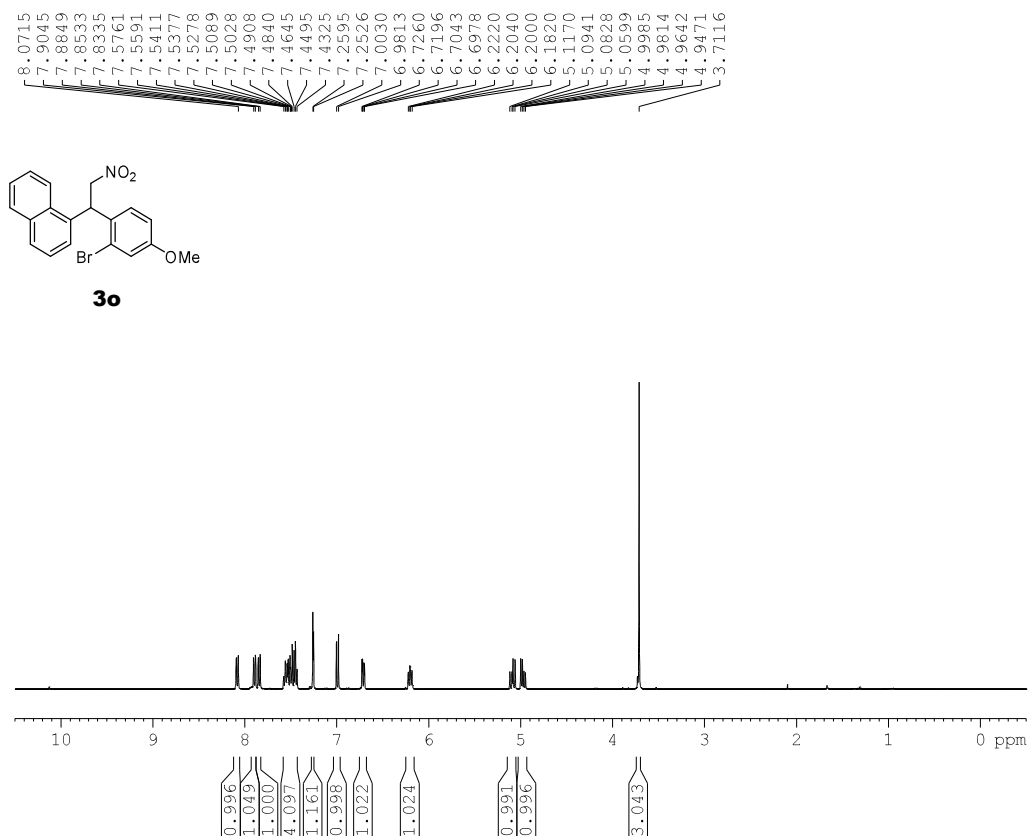
F2 - Acquisition Parameters
Date_ 20140224
Time 10.16
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 22
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.2 K
D1 2.00000000 sec
D11 0.030000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233324 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127631 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1-(1-(2-bromo-4-methoxyphenyl)-2-nitroethyl)naphthalene



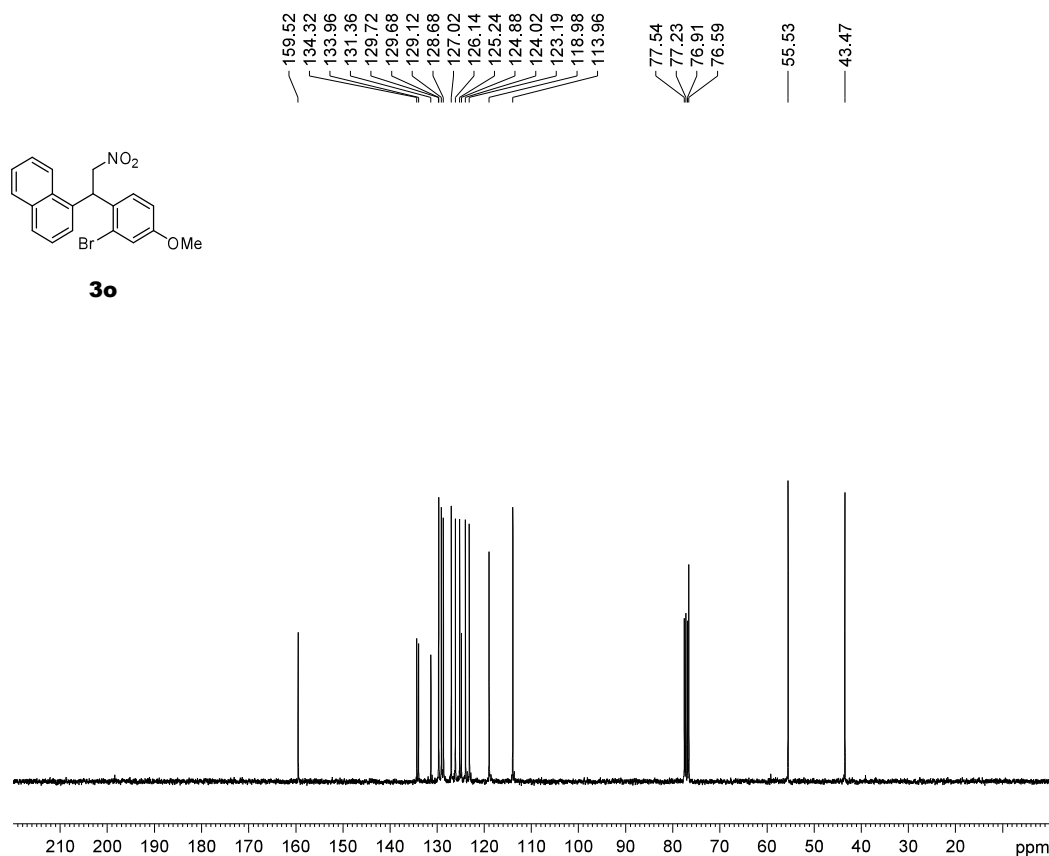
Current Data Parameters
NAME 2Naph sty+3Br ani
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20131216
Time 20.45
INSTRUM SPECT
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.3 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300088 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

1-(1-(2-bromo-4-methoxyphenyl)-2-nitroethyl)naphthalene 13C



Current Data Parameters
NAME 2Naph sty+3Br ani
EXPNO 4
PROCNO 1

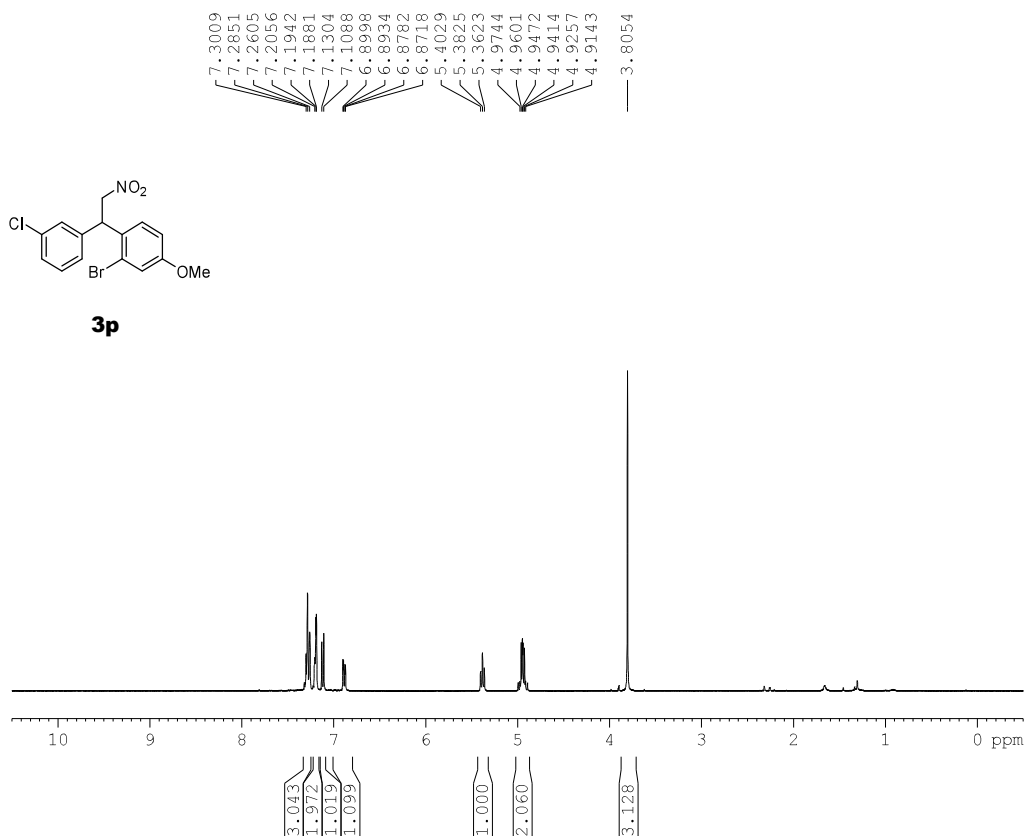
F2 - Acquisition Parameters
Date_ 20131216
Time 20.47
INSTRUM SPECT
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 51
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.7 K
D1 2.00000000 sec
D11 0.030000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233324 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 90.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.612724 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

2-bromo-1-(1-(3-chlorophenyl)-2-nitroethyl)-4-methoxybenzene



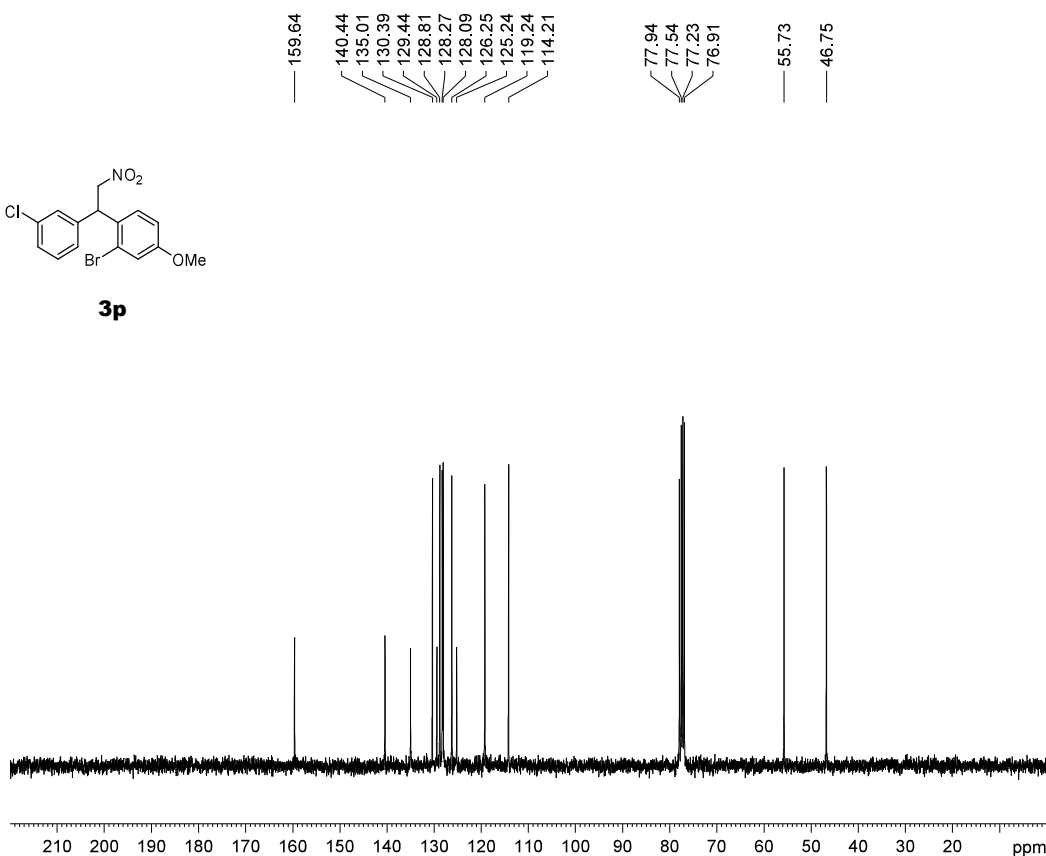
Current Data Parameters
NAME 3Clsty+3Br ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140605
Time 10.35
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 45.15
DW 69.333 usec
DE 10.52 usec
TE 298.3 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1299964 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-bromo-1-(1-(3-chlorophenyl)-2-nitroethyl)-4-methoxybenzene



Current Data Parameters
NAME 3Clsty+3Br ani
EXPNO 3
PROCNO 1

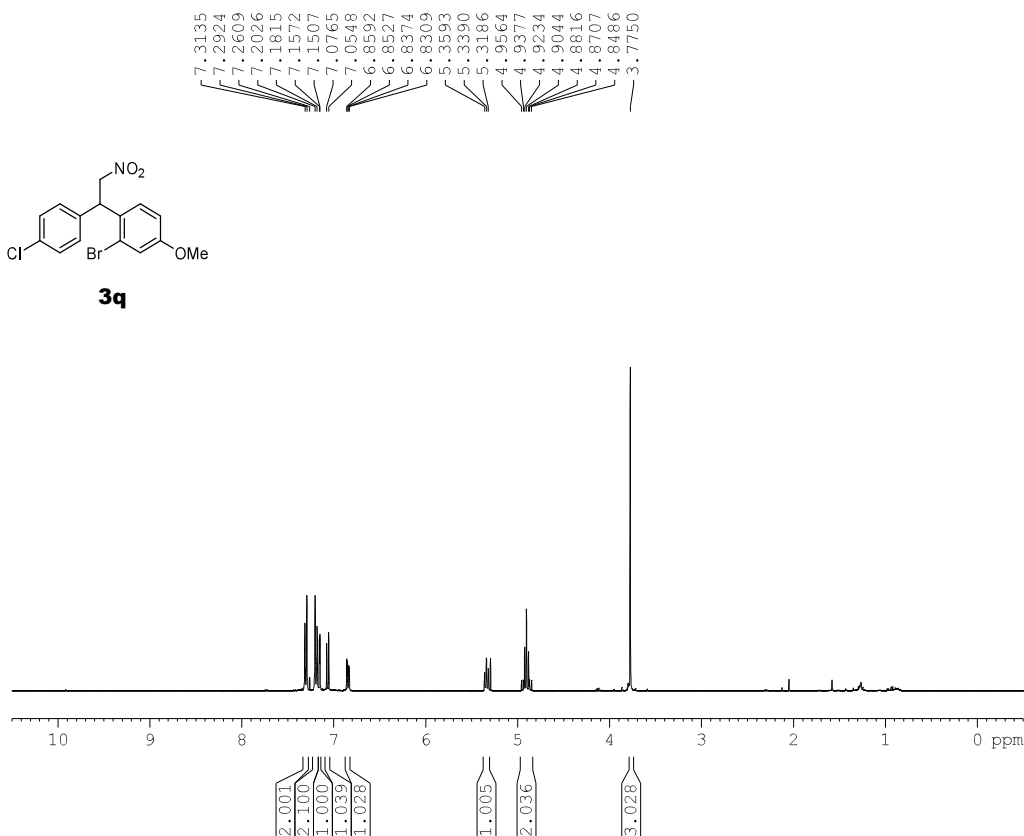
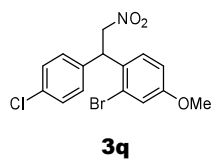
F2 - Acquisition Parameters
Date_ 20140605
Time 20.50
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 44
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.8 K
D1 2.0000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 90.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127561 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

2-bromo-1-(1-(4-chlorophenyl)-2-nitroethyl)-4-methoxybenzene



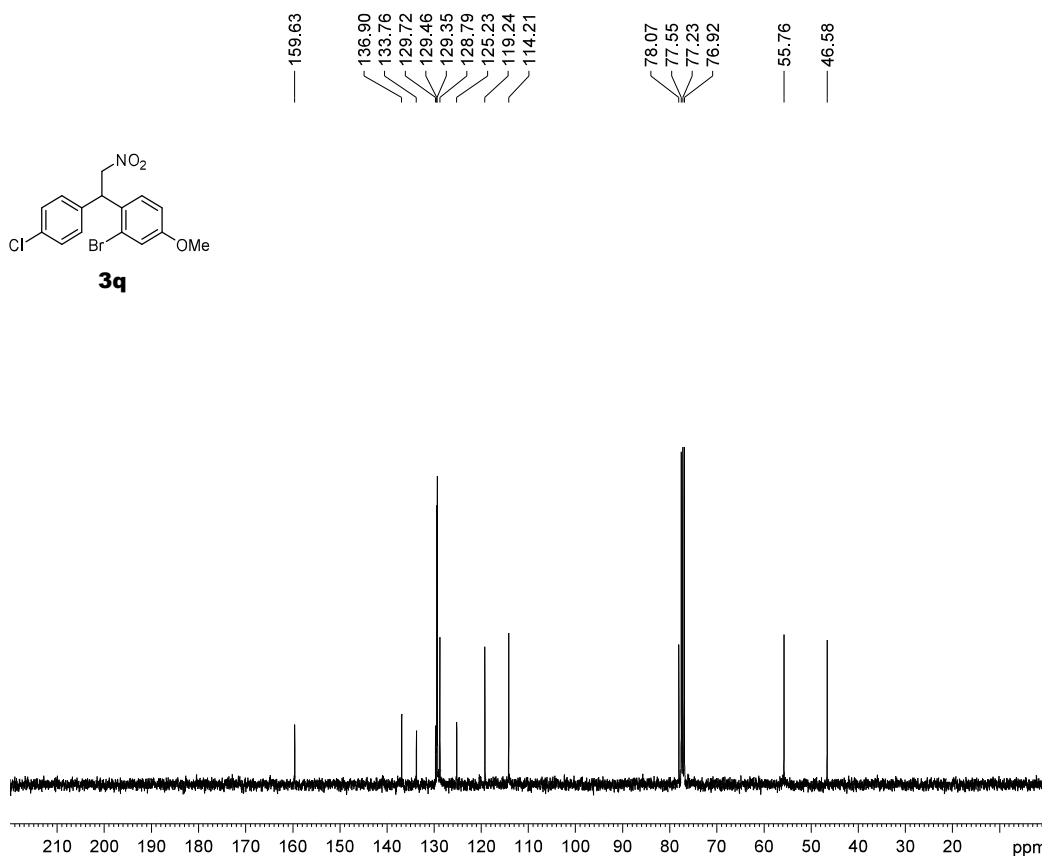
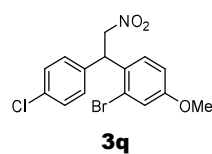
Current Data Parameters
NAME 4Clsty+3Br ani
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130906
Time 18.41
INSTRUM SPECT
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 299.2 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300088 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-bromo-1-(1-(4-chlorophenyl)-2-nitroethyl)-4-methoxybenzene



Current Data Parameters
NAME 4Clsty+3Br ani
EXPNO 4
PROCNO 1

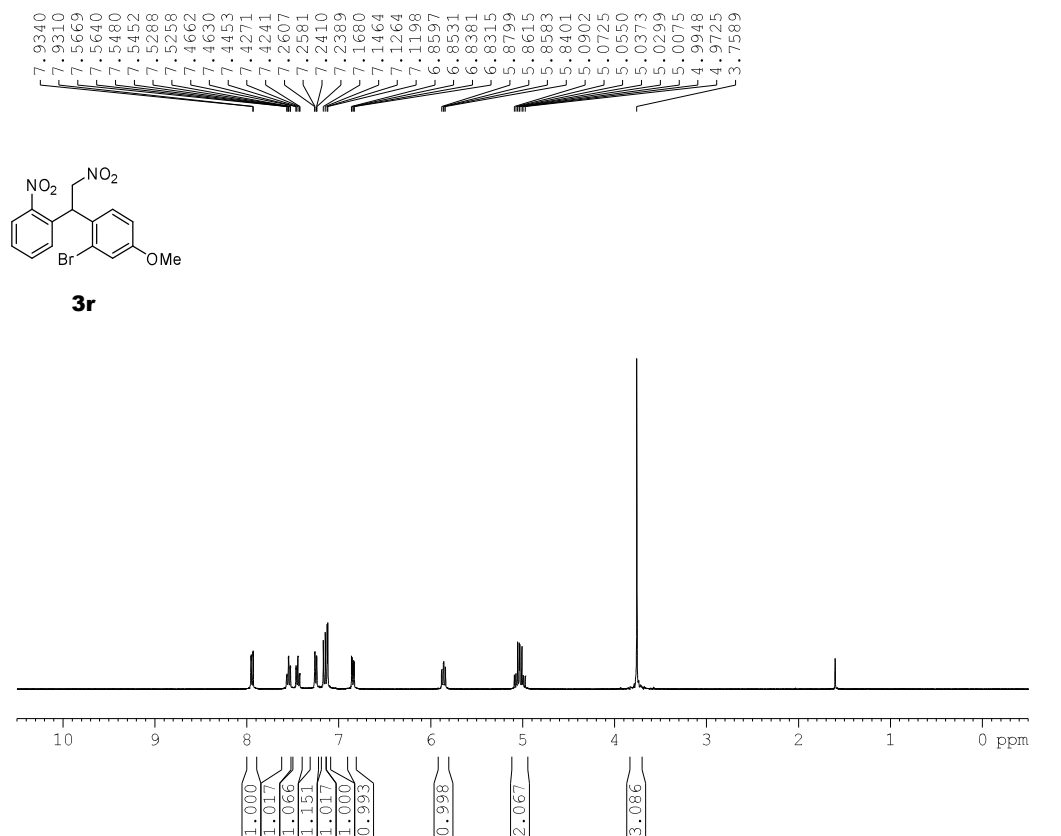
F2 - Acquisition Parameters
Date_ 20140224
Time 11.57
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 20
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.1 K
D1 2.0000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233324 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127527 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(2-nitro-1-(2-nitrophenyl)ethyl)benzene



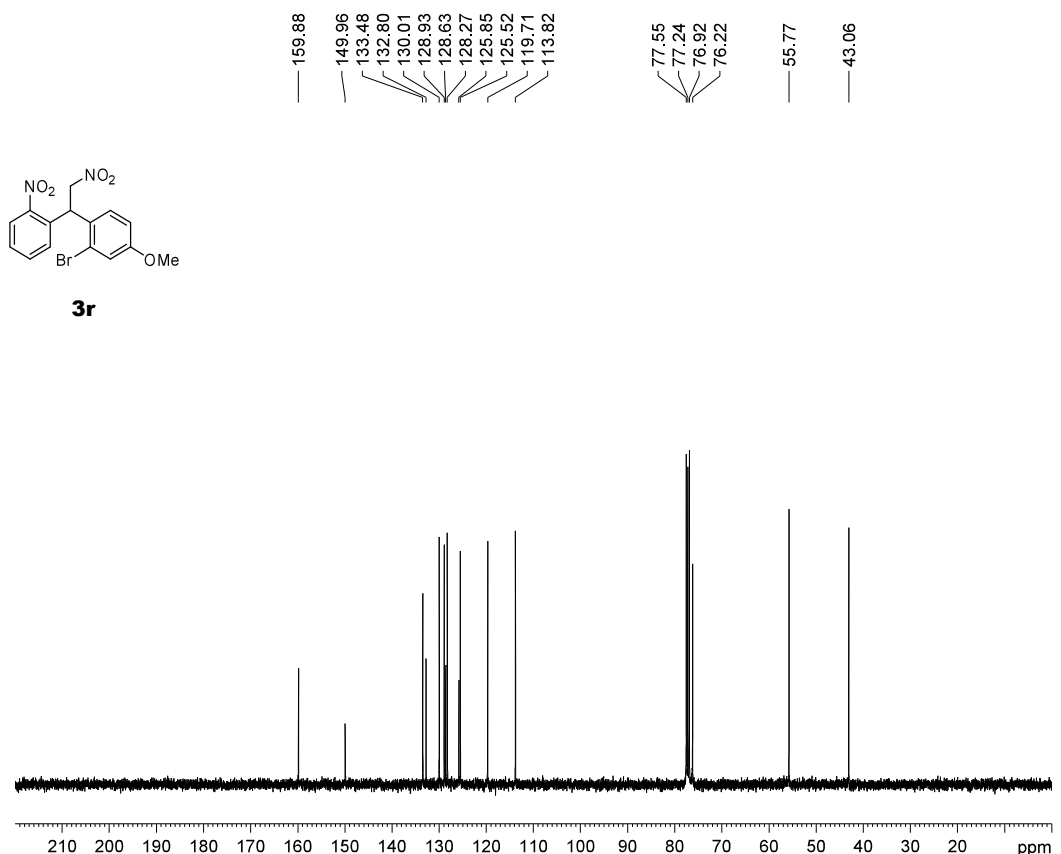
Current Data Parameters
NAME 2NO2 sty+3Br ani
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130703
Time 13.58
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 1
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69,000 usec
DE 6.50 usec
TE 301.9 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.90 usec
PL1 3.00 dB
SFO1 400,1324008 MHz

F2 - Processing parameters
SI 16384
SF 400,1300118 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-bromo-4-methoxy-1-(2-nitro-1-(2-nitrophenyl)ethyl)benzene



Current Data Parameters
NAME 2NO2 sty+3Br ani
EXPNO 3
PROCNO 1

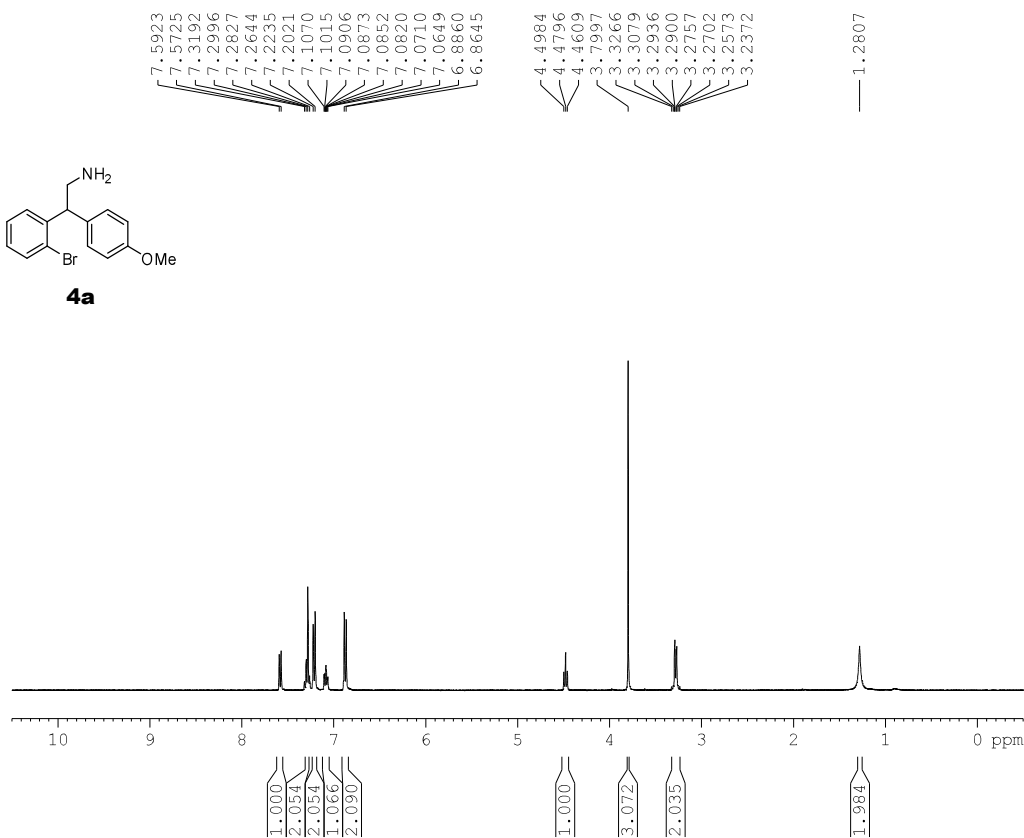
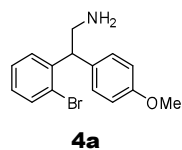
F2 - Acquisition Parameters
Date_ 20130703
Time 14.02
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 153
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 302.1 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.40 usec
PL1 7.00 dB
SFO1 100,6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 3.00 dB
PL12 20.70 dB
PL13 23.70 dB
SFO2 400,1316005 MHz

F2 - Processing parameters
SI 32768
SF 100,6177520 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

2-(2-bromophenyl)-2-(4-methoxyphenyl)ethanamine



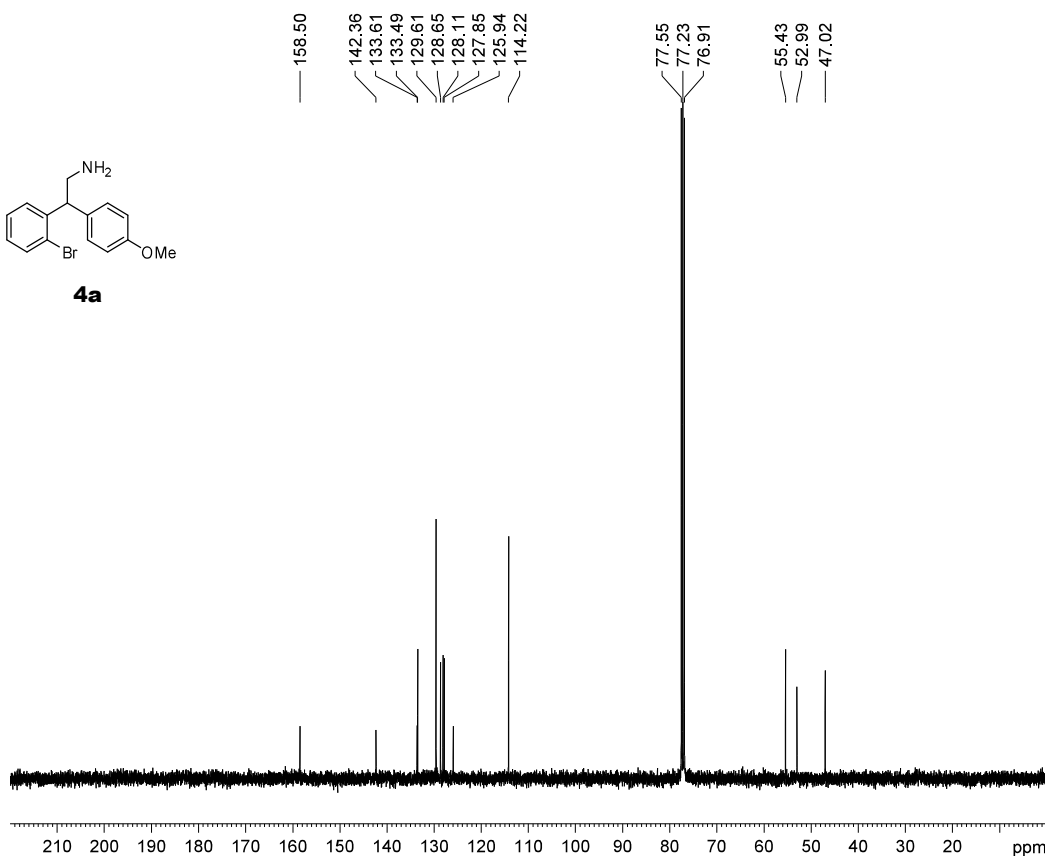
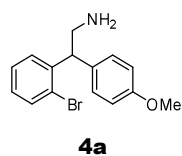
Current Data Parameters
NAME 2Br sty*ani
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120817
Time 19.22
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 16
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2609921 sec
RG 4
DW 69,000 usec
DE 6.50 usec
TE 299.1 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 usec
PL1 4.00 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

2-(2-bromophenyl)-2-(4-methoxyphenyl)ethanamine



Current Data Parameters
NAME 2Br sty*ani
EXPNO 3
PROCNO 1

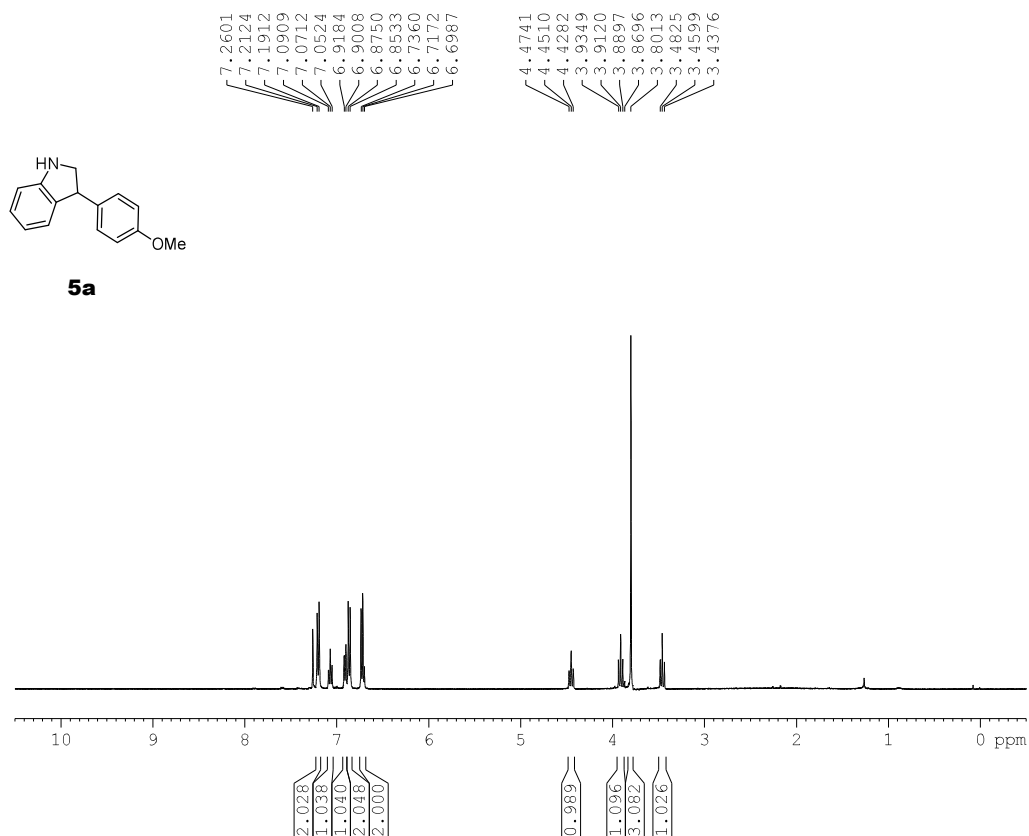
F2 - Acquisition Parameters
Date_ 20120817
Time 19.24
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 200
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 299.1 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 8.90 usec
PL1 7.00 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 3.60 dB
PL12 21.80 dB
PL13 24.60 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127485 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

3-(4-methoxyphenyl)indoline



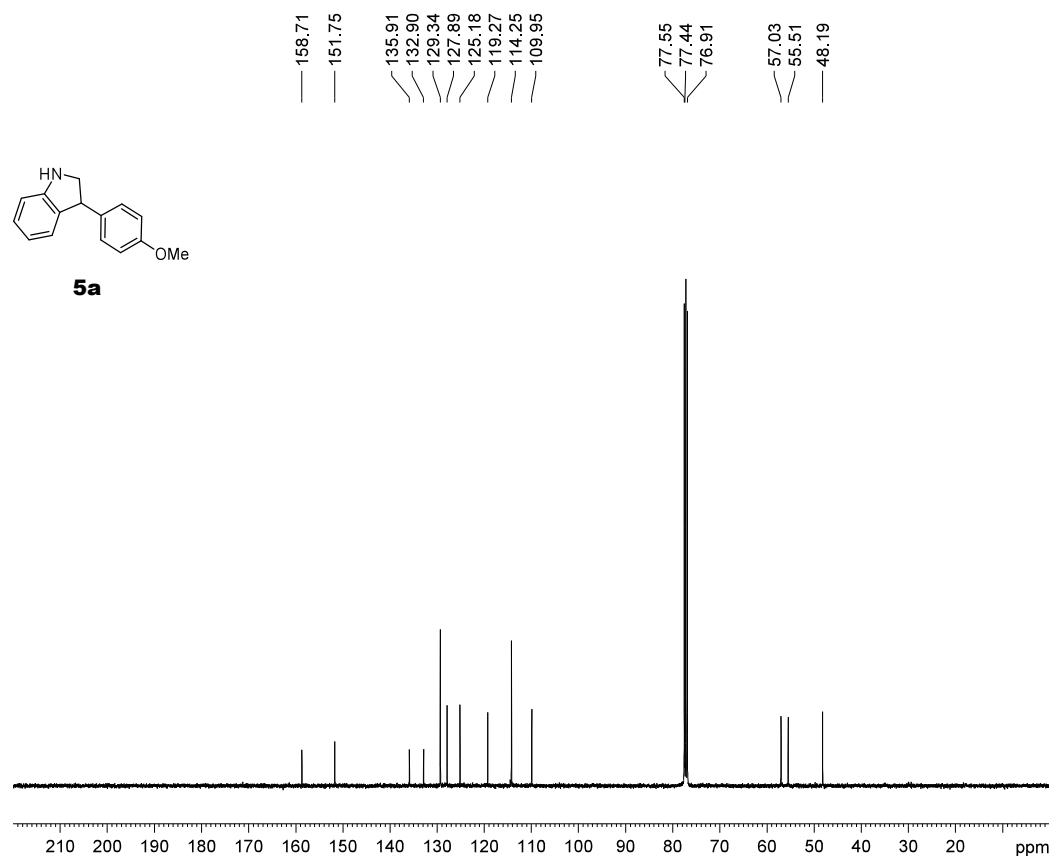
Current Data Parameters
NAME 2Br sty-ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120819
Time 16.51
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 1
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 181
DW 69,000 usec
DE 6.50 usec
TE 299.2 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 usec
PL1 4.00 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300086 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(4-methoxyphenyl)indoline



Current Data Parameters
NAME 2Br sty-ani
EXPNO 2
PROCNO 1

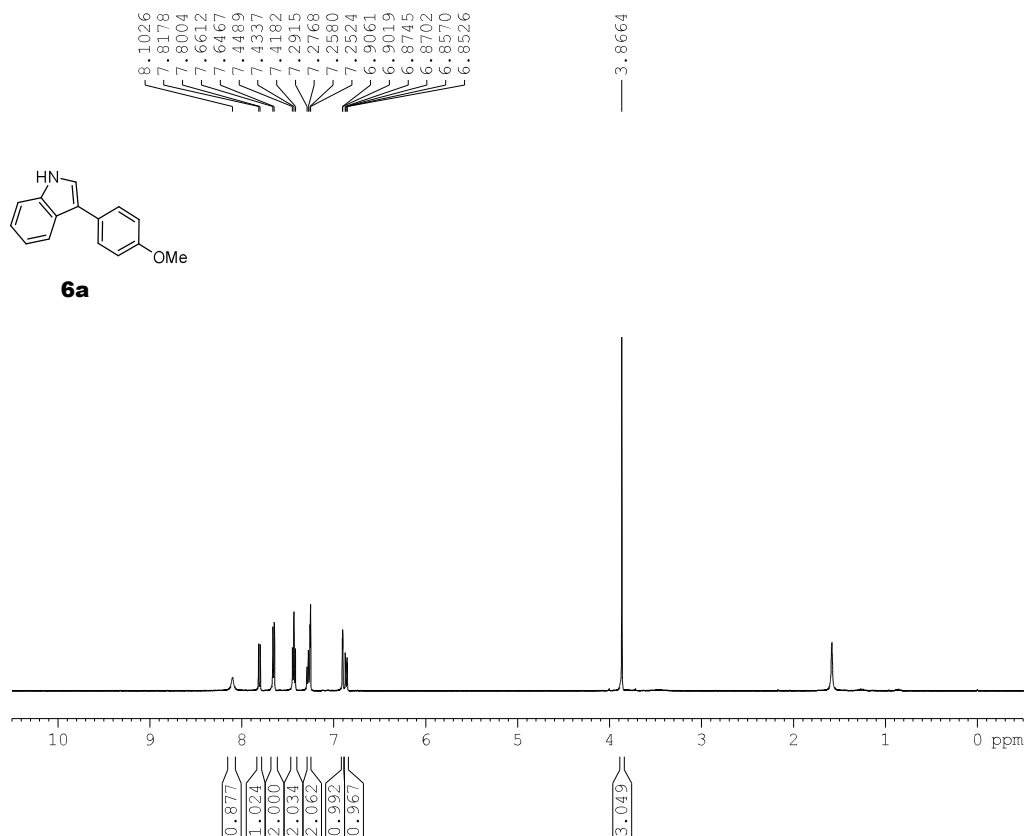
F2 - Acquisition Parameters
Date_ 20120819
Time 16.52
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1934
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 299.2 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.50 usec
PL1 7.00 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -0.50 dB
PL12 15.00 dB
PL13 18.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127448 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

6-methoxy-3-phenyl-1H-indole



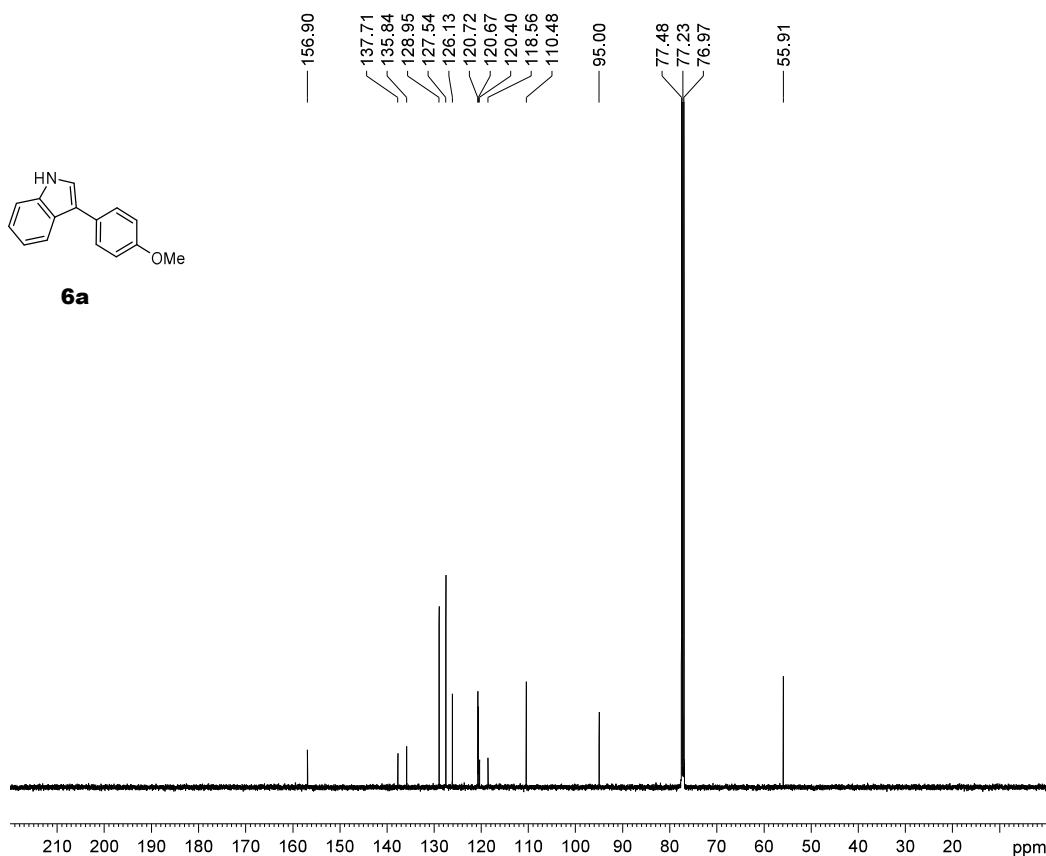
Current Data Parameters
NAME sty+3Br ani
EXPNO 26
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120926
Time 21.53
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 9057.971 Hz
FIDRES 0.276427 Hz
AQ 1.6087935 sec
RG 225.1
DW 55.200 usec
DE 6.50 usec
TE 295.0 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.00 usec
PL1 0 dB
SFO1 500.1330008 MHz

F2 - Processing parameters
SI 16384
SF 500.1300168 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

6-methoxy-3-phenyl-1H-indole



Current Data Parameters
NAME sty+3Br ani
EXPNO 27
PROCNO 1

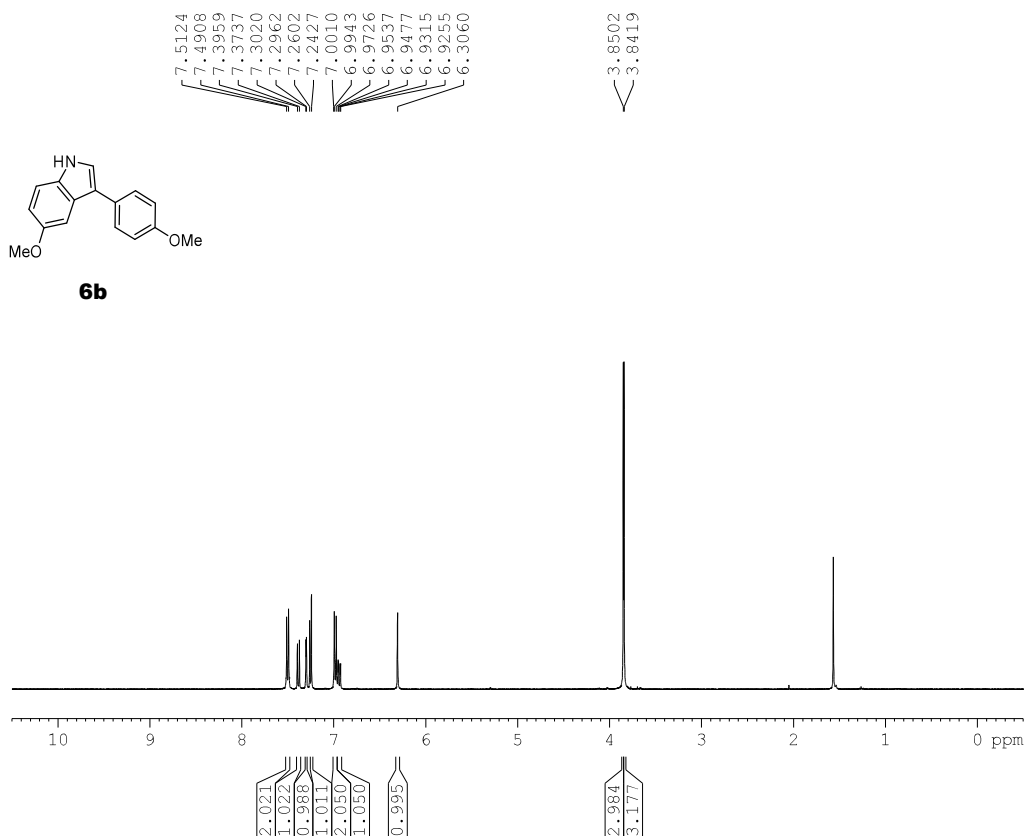
F2 - Acquisition Parameters
Date_ 20120926
Time 21.54
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1243
DS 0
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0911744 sec
RG 8192
DW 16.650 usec
DE 6.50 usec
TE 295.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.50 usec
PL1 7.00 dB
SFO1 125.7709931 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -0.60 dB
PL12 15.00 dB
PL13 18.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 65536
SF 125.7577632 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

5-methoxy-3-(4-methoxyphenyl)-1H-indole



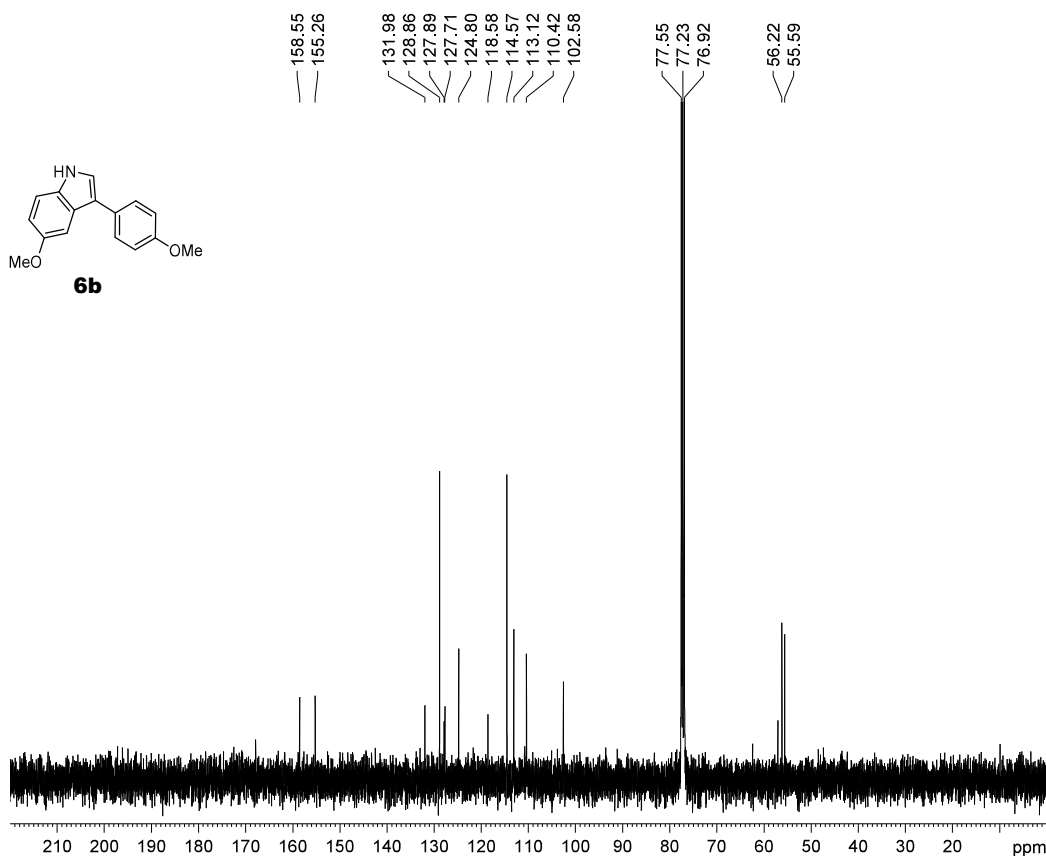
Current Data Parameters
NAME 2Br 5OMe sty+ani
EXPNO 8
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140815
Time 17.11
INSTRUM spect
PROBHD 5 mm F4BBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 16
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.1 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300093 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

5-methoxy-3-(4-methoxyphenyl)-1H-indole



Current Data Parameters
NAME 2Br 5OMe sty+ani
EXPNO 7
PROCNO 1

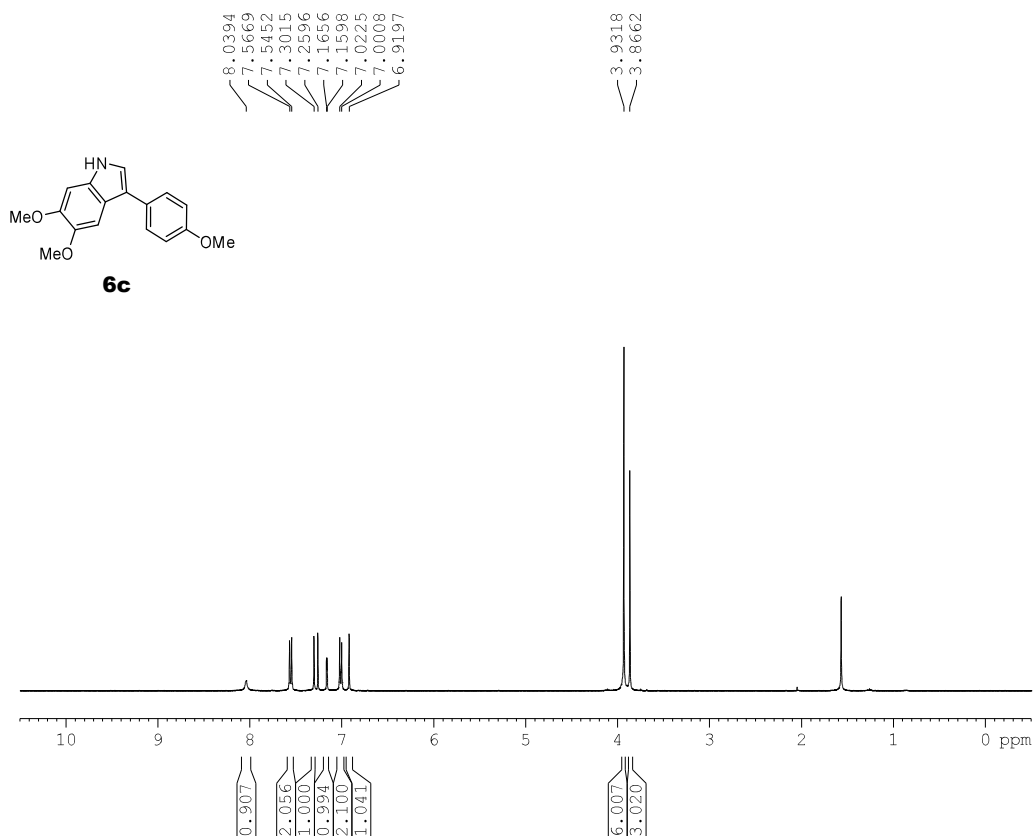
F2 - Acquisition Parameters
Date_ 20140823
Time 14.35
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 573
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 300.7 K
D1 2.0000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 6.70 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -5.85 dB
PL12 9.10 dB
PL13 12.10 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127450 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

5,6-dimethoxy-3-(4-methoxyphenyl)-1H-indole



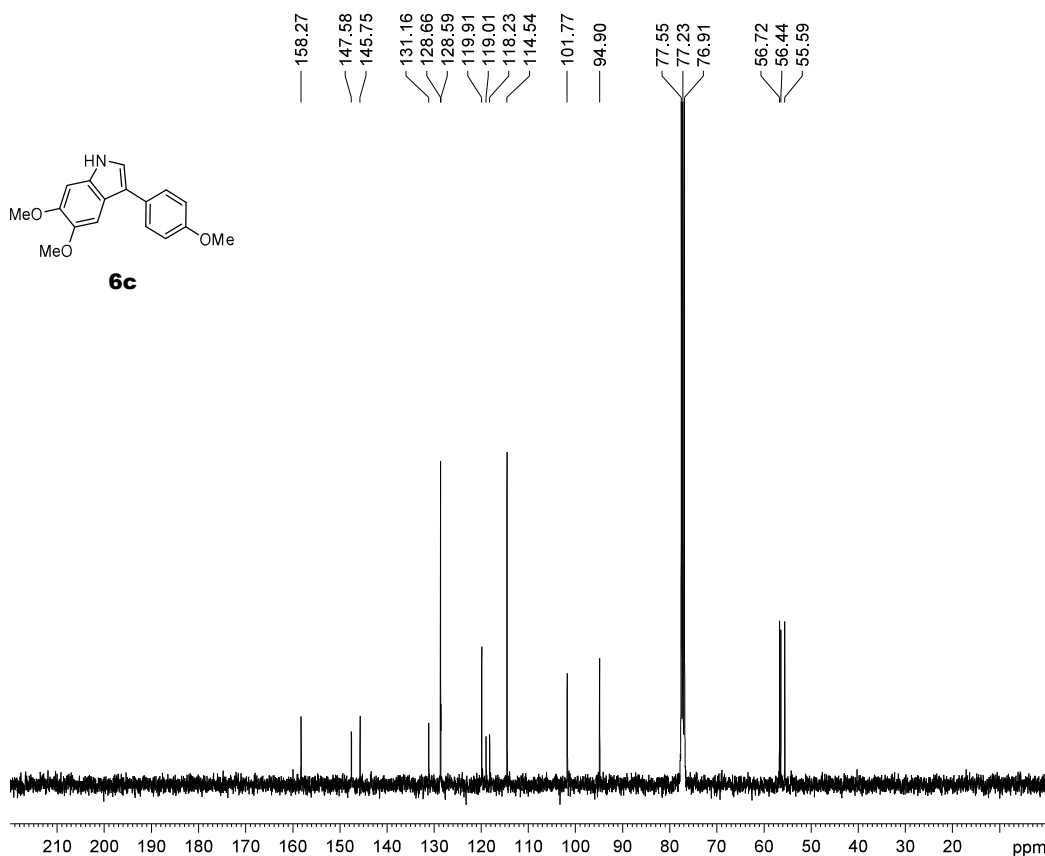
Current Data Parameters
NAME 2Br 45OMe sty+ani
EXPNO 7
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140814
Time 12.27
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.3 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300097 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

5,6-dimethoxy-3-(4-methoxyphenyl)-1H-indole



Current Data Parameters
NAME 2Br 45OMe sty+ani
EXPNO 8
PROCNO 1

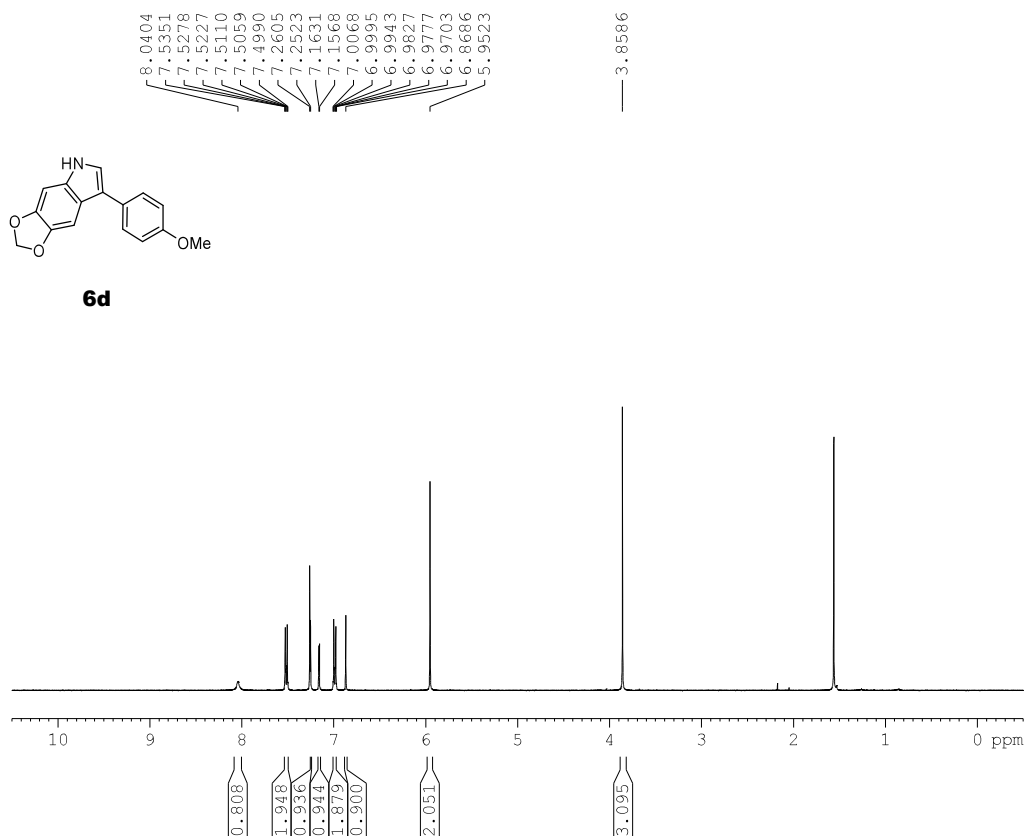
F2 - Acquisition Parameters
Date_ 20140814
Time 12.30
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1024
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.4 K
D1 2.0000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127469 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

7-(4-methoxyphenyl)-5H-[1,3]dioxolo[4,5-f]indole



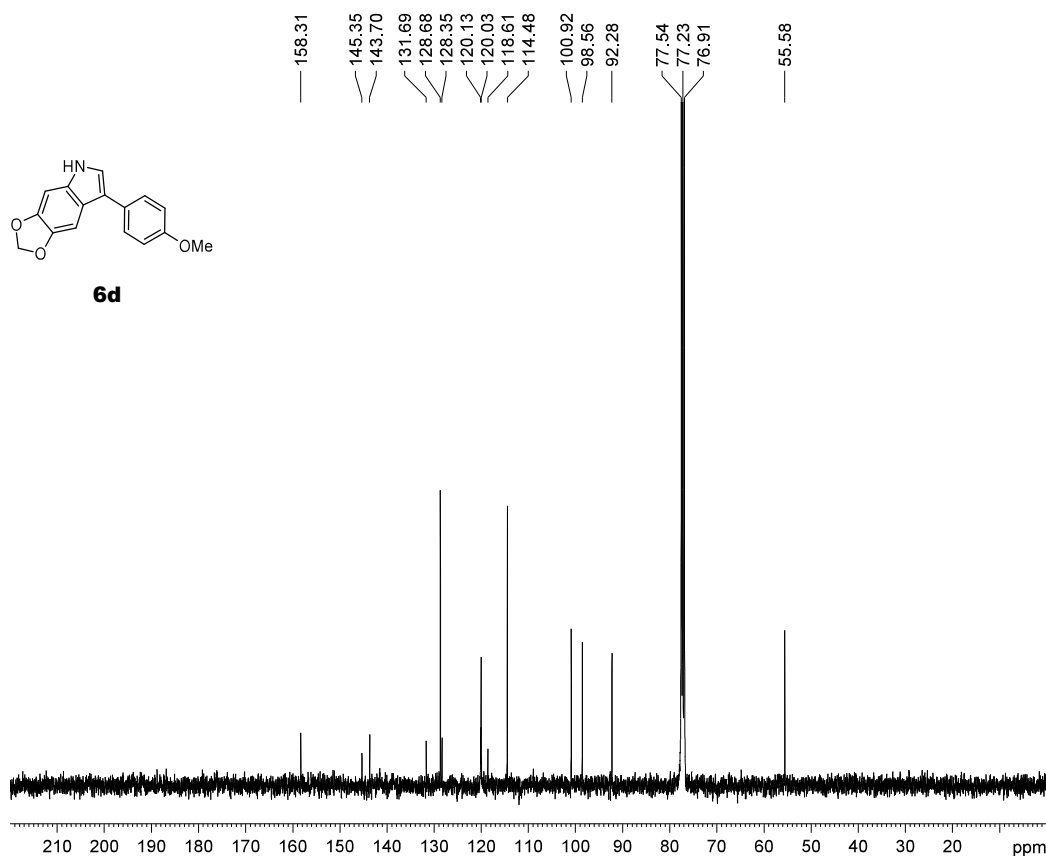
Current Data Parameters
NAME 6Br Piperonyl sty+ani
EXPNO 6
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140814
Time 14.04
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 30
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.5 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300092 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

7-(4-methoxyphenyl)-5H-[1,3]dioxolo[4,5-f]indole



Current Data Parameters
NAME 6Br Piperonyl sty+ani
EXPNO 12
PROCNO 1

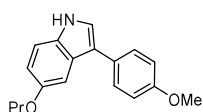
F2 - Acquisition Parameters
Date_ 20140815
Time 17.30
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1291
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.4 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

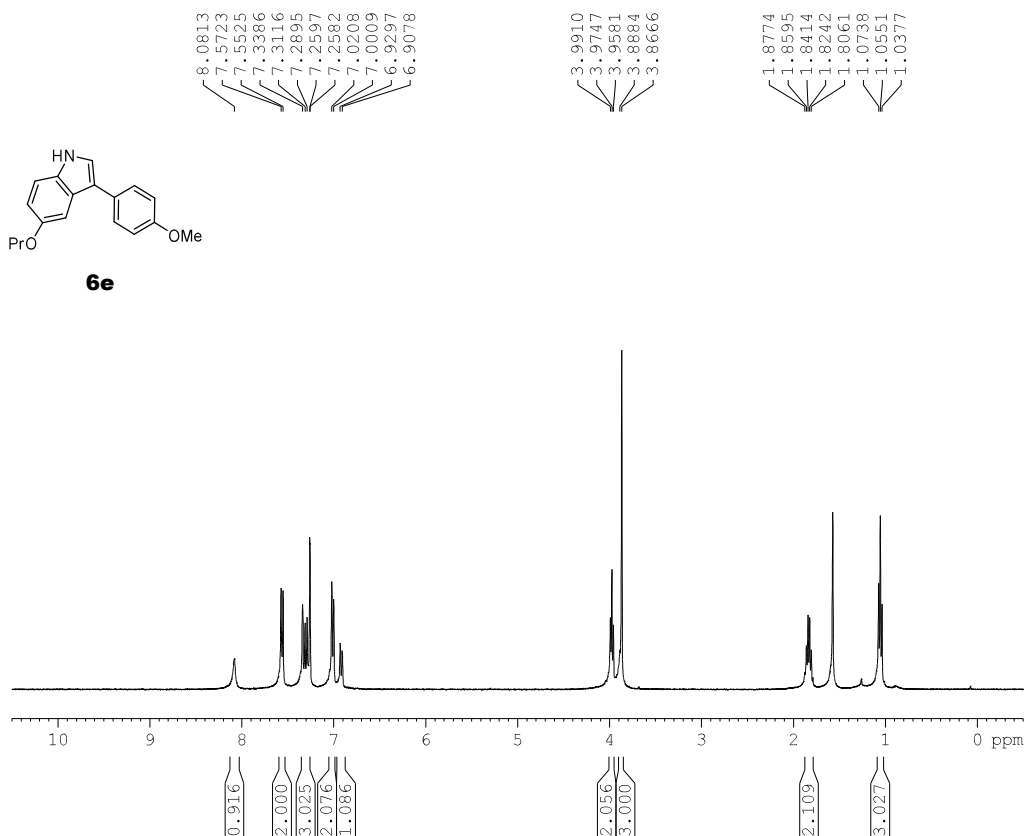
===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127467 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

3-(4-methoxyphenyl)-5-propoxy-1H-indole



6e



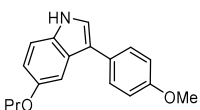
Current Data Parameters
NAME 2Br 5OPr sty+ani
EXPNO 6
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140819
Time 19.38
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 16
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.6 K
D1 2.00000000 sec
TD0 1

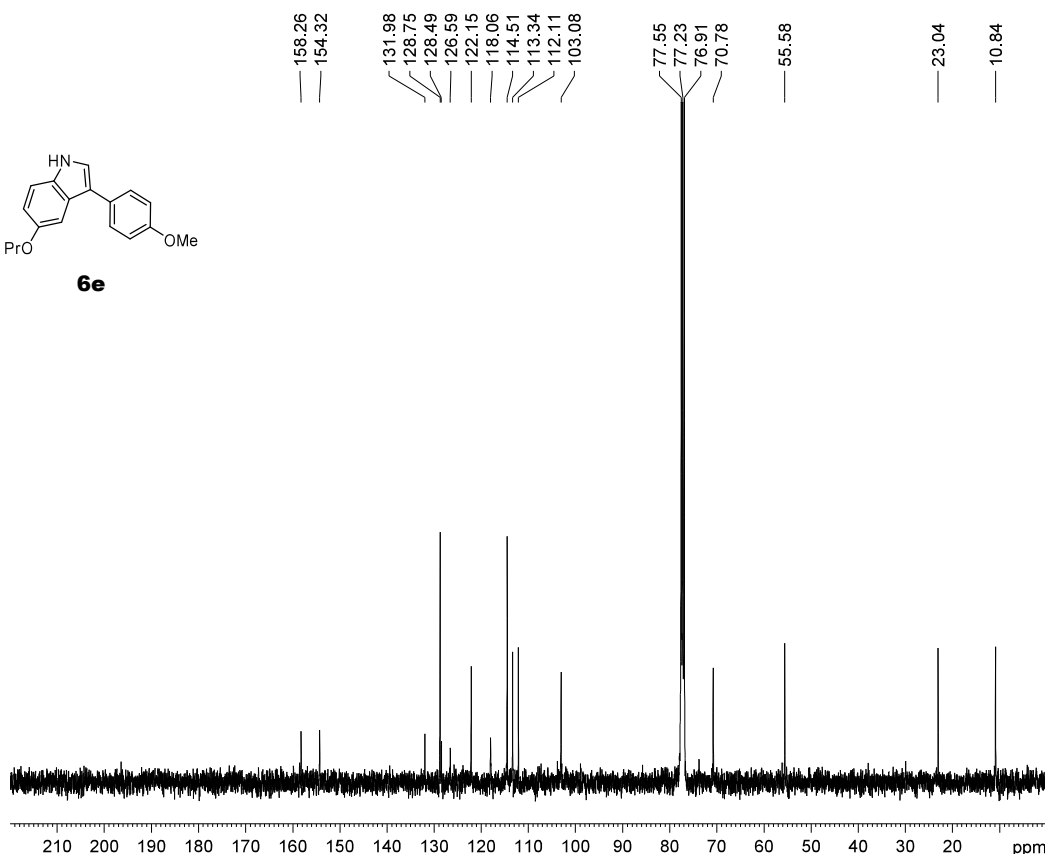
===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300097 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(4-methoxyphenyl)-5-propoxy-1H-indole



6e



Current Data Parameters
NAME 2Br 5OPr sty+ani
EXPNO 7
PROCNO 1

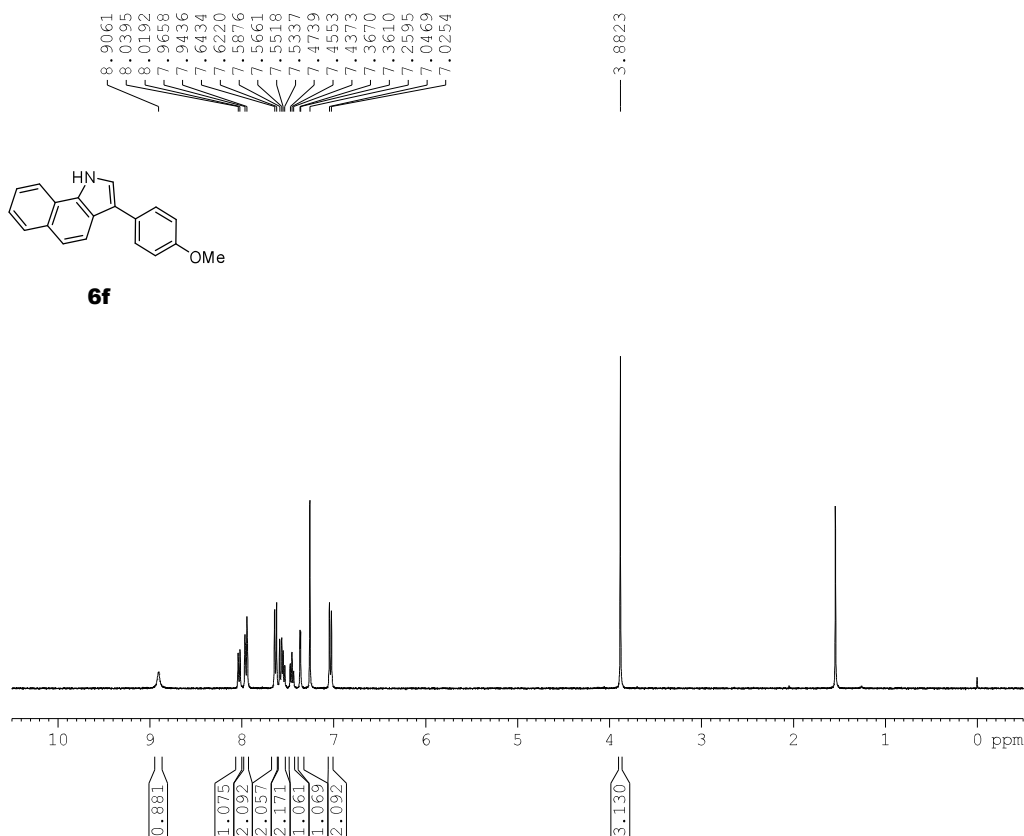
F2 - Acquisition Parameters
Date_ 20140819
Time 19.38
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 565
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.7 K
D1 2.00000000 sec
D11 0.030000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127473 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

3-(4-methoxyphenyl)-1H-benzo[g]indole



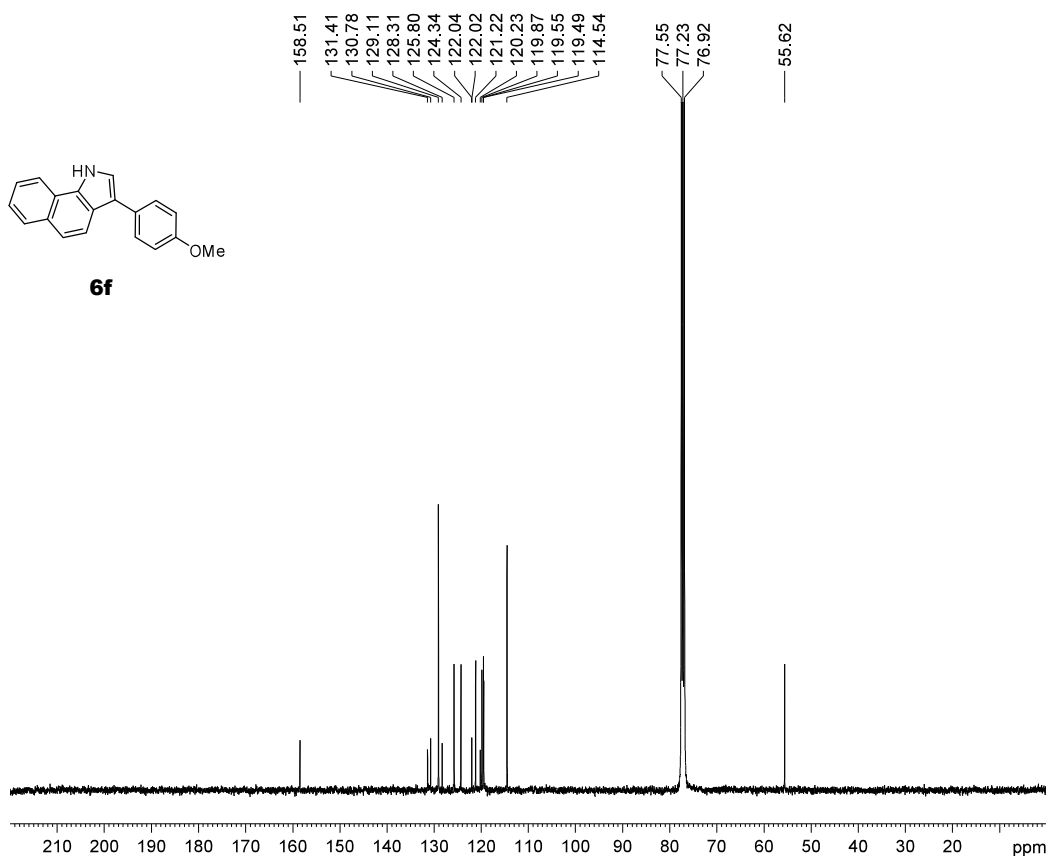
Current Data Parameters
NAME 1Br 2Naph sty+ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140811
Time 15.07
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.7 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300097 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(4-methoxyphenyl)-1H-benzo[g]indole



Current Data Parameters
NAME 1Br 2Naph sty+ani
EXPNO 6
PROCNO 1

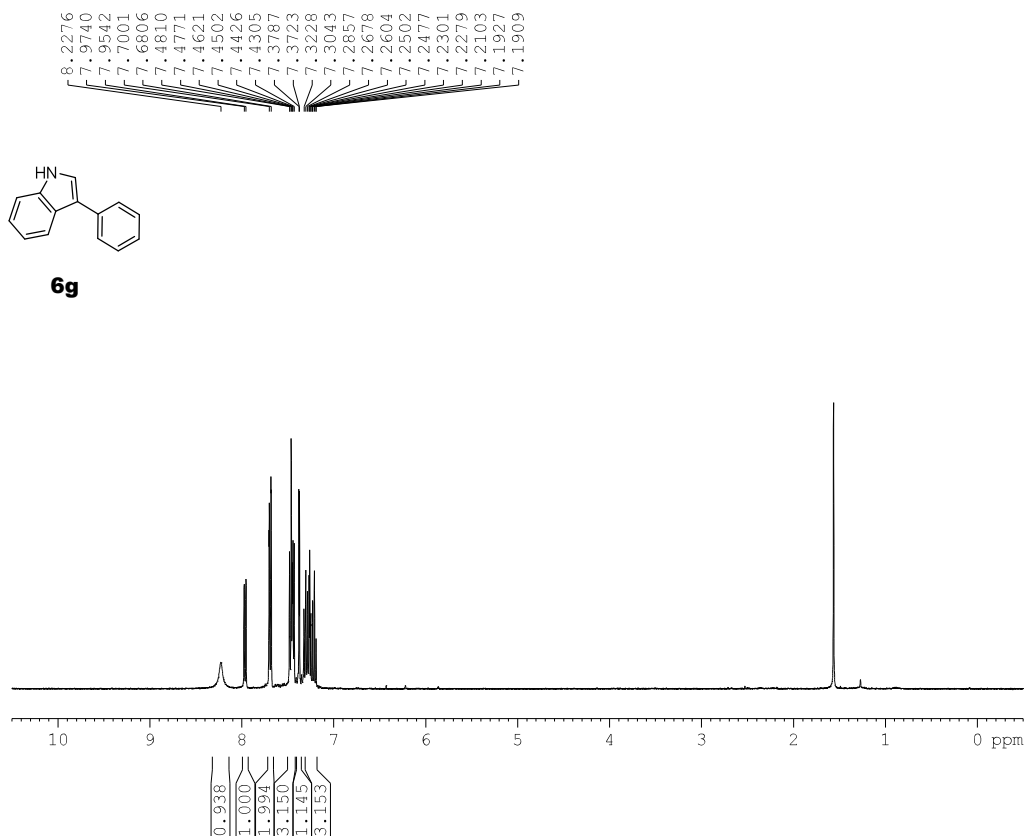
F2 - Acquisition Parameters
Date_ 20140811
Time 22.25
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 14205
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.5 K
D1 2.0000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127456 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

3-phenyl-1H-indole



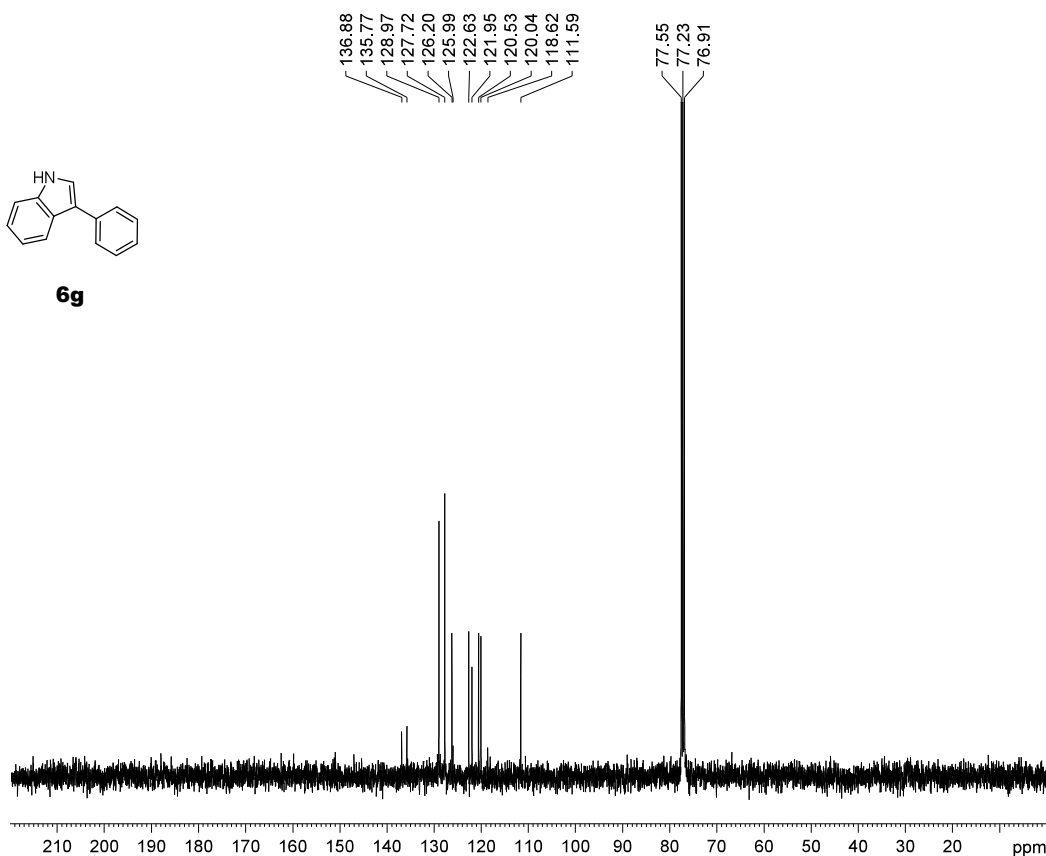
Current Data Parameters
NAME 2Br sty+PhH
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20160528
Time 13.37
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 6
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.50 usec
TE 298.7 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.90 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300098 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-phenyl-1H-indole



Current Data Parameters
NAME 2Br sty+PhH
EXPNO 9
PROCNO 1

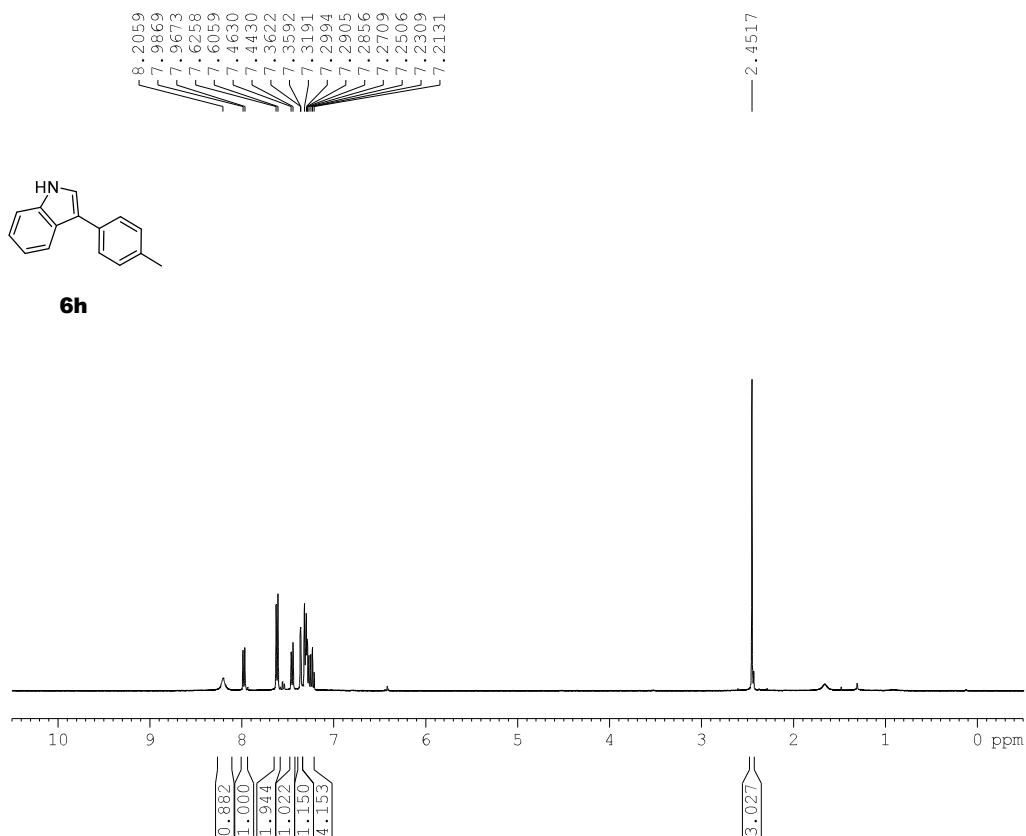
F2 - Acquisition Parameters
Date_ 20160528
Time 13.16
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 82
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 299.1 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6228298 MHz
NUC1 13C
P1 10.00 usec
PLW1 47.50000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.33750001 W
PLW13 0.27338001 W

F2 - Processing parameters
SI 32768
SF 100.6127488 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

3-(p-tolyl)-1H-indole



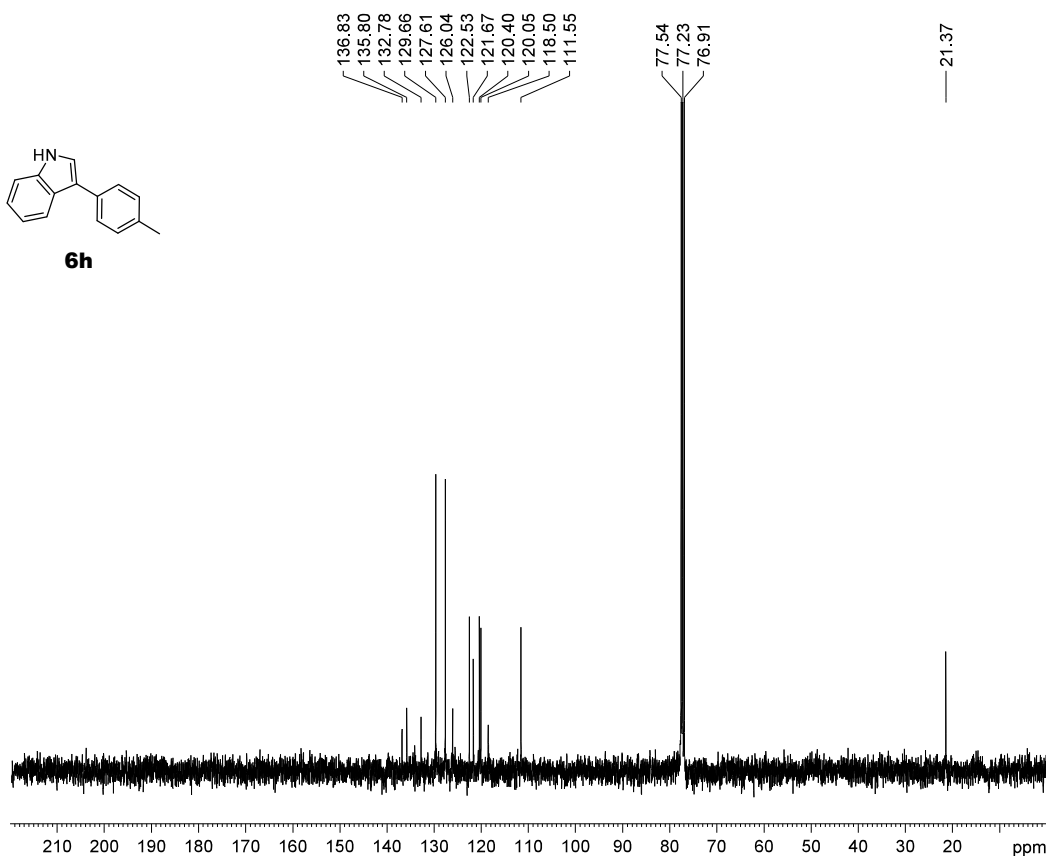
Current Data Parameters
NAME 2Br sty*tol
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20160528
Time 13.05
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.50 usec
TE 298.3 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.90 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(p-tolyl)-1H-indole



Current Data Parameters
NAME 2Br sty*tol
EXPNO 6
PROCNO 1

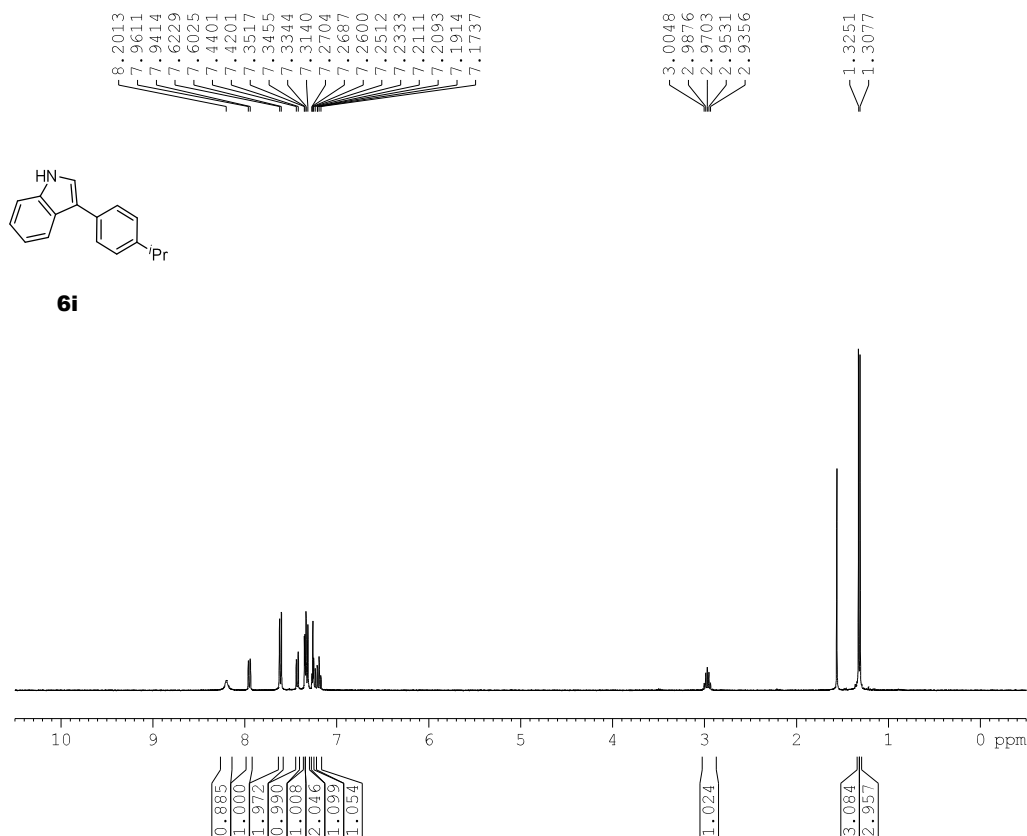
F2 - Acquisition Parameters
Date_ 20160528
Time 13.06
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 34
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.6 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6228298 MHz
NUC1 13C
P1 10.00 usec
PLW1 47.50000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.33750001 W
PLW13 0.27338001 W

F2 - Processing parameters
SI 32768
SF 100.6127511 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

3-(4-isopropylphenyl)-1H-indole



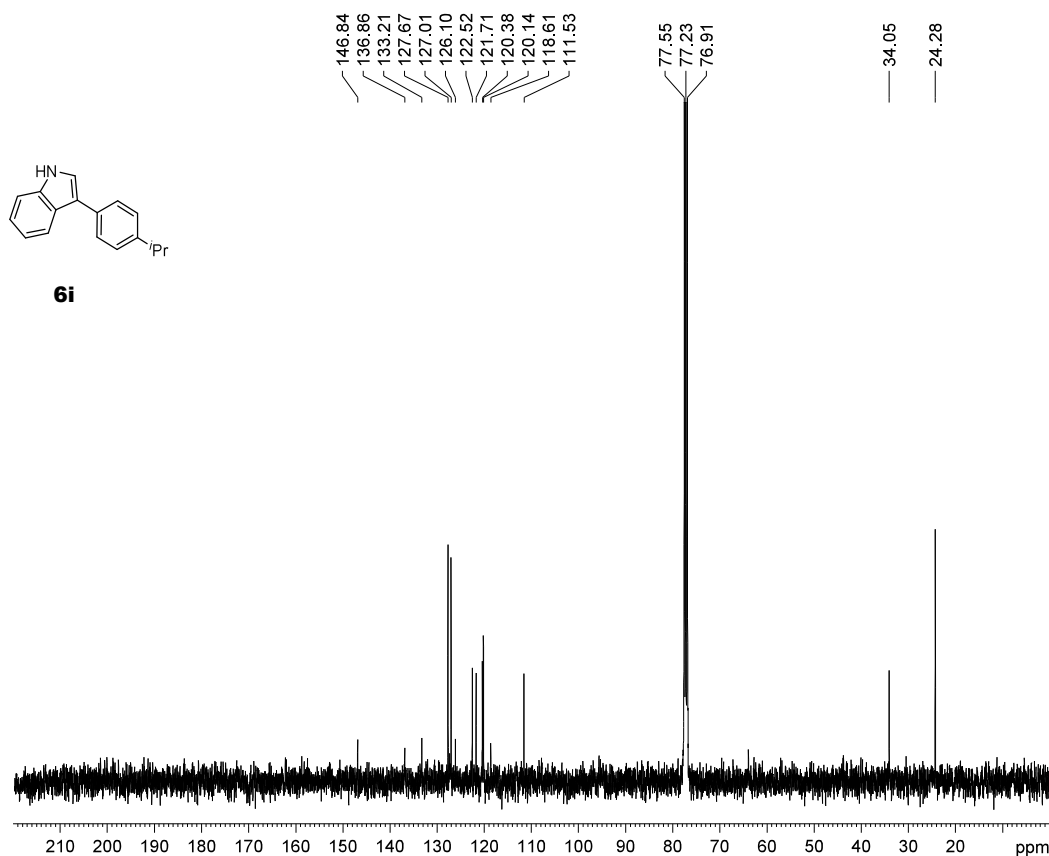
Current Data Parameters
NAME 2Br sty+IPrPh
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20160528
Time 11.30
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.50 usec
TE 298.3 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.90 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300098 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(4-isopropylphenyl)-1H-indole



Current Data Parameters
NAME 2Br sty+IPrPh
EXPNO 8
PROCNO 1

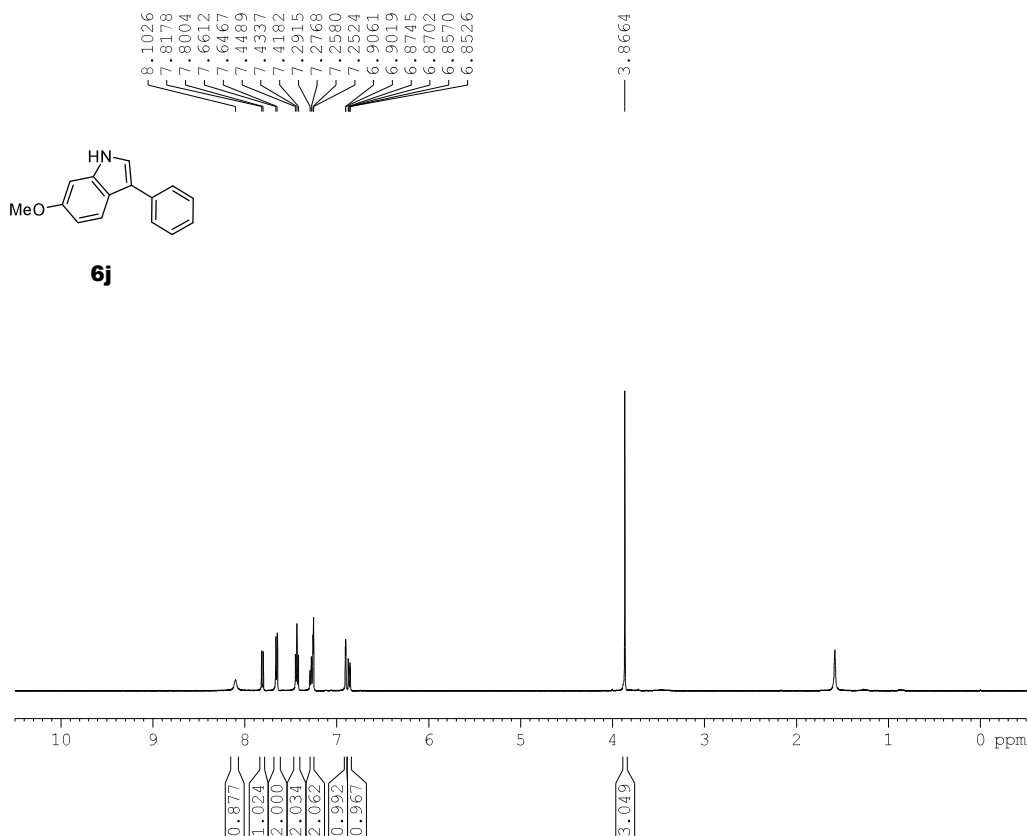
F2 - Acquisition Parameters
Date_ 20160528
Time 13.23
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 244
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.5 K
D1 2.00000000 sec
D11 0.030000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6228298 MHz
NUC1 13C
P1 10.00 usec
PLW1 47.50000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.33750001 W
PLW13 0.27338001 W

F2 - Processing parameters
SI 32768
SF 100.6127487 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

6-methoxy-3-phenyl-1H-indole



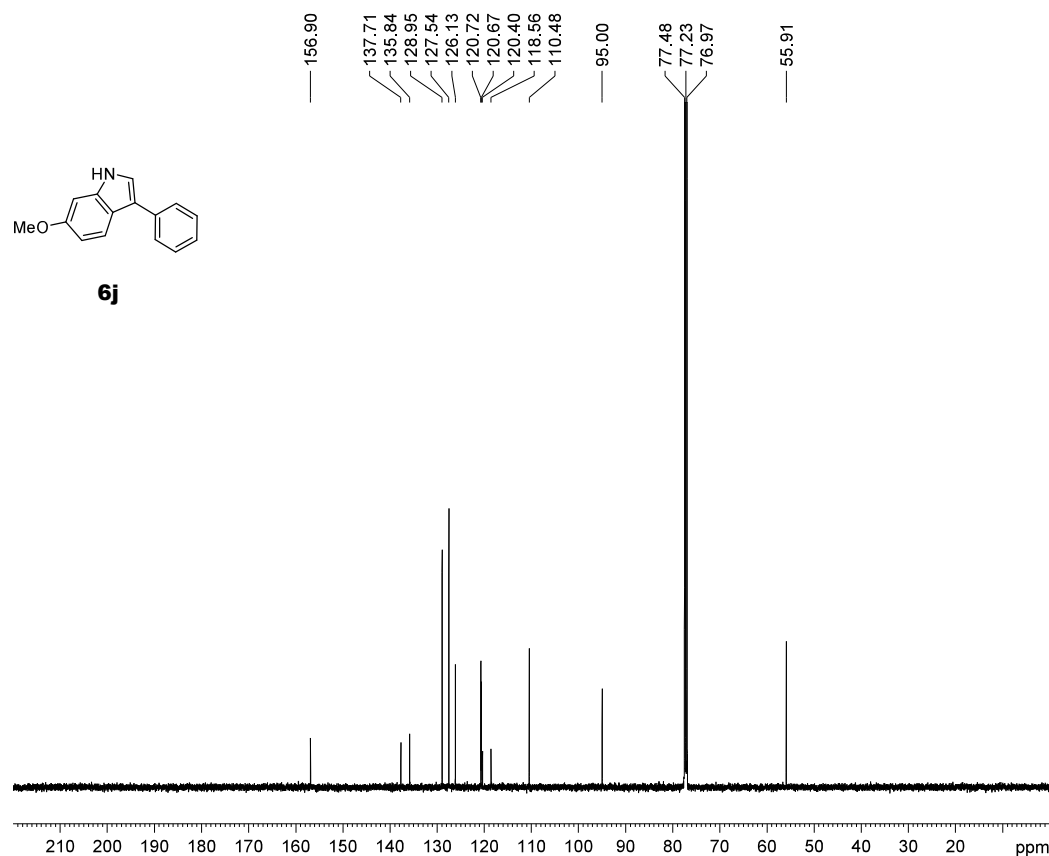
Current Data Parameters
NAME sty+3Br ani
EXPNO 26
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120926
Time 21.53
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 9057.971 Hz
FIDRES 0.276427 Hz
AQ 1.6087935 sec
RG 225.1
DW 55.200 usec
DE 6.50 usec
TE 295.0 K
D1 2.00000000 sec
D0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.00 usec
PL1 0 dB
SFO1 500.1330008 MHz

F2 - Processing parameters
SI 16384
SF 500.1300168 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

6-methoxy-3-phenyl-1H-indole



Current Data Parameters
NAME sty+3Br ani
EXPNO 27
PROCNO 1

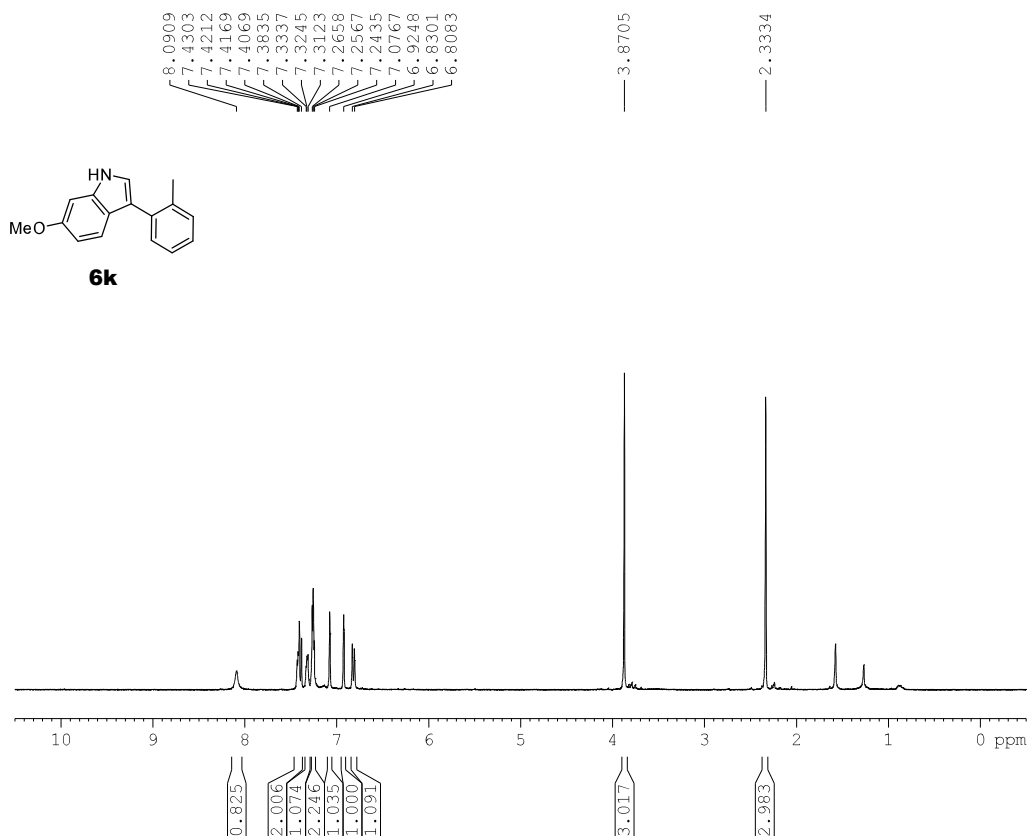
F2 - Acquisition Parameters
Date_ 20120926
Time 21.54
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1243
DS 0
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0911744 sec
RG 8192
DW 16.650 usec
DE 6.50 usec
TE 295.0 K
D1 2.00000000 sec
D11 0.03000000 sec
D0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.50 usec
PL1 7.00 dB
SFO1 125.7709931 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -0.60 dB
PL12 15.00 dB
PL13 18.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 65536
SF 125.7577632 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

6-methoxy-3-(o-tolyl)-1H-indole



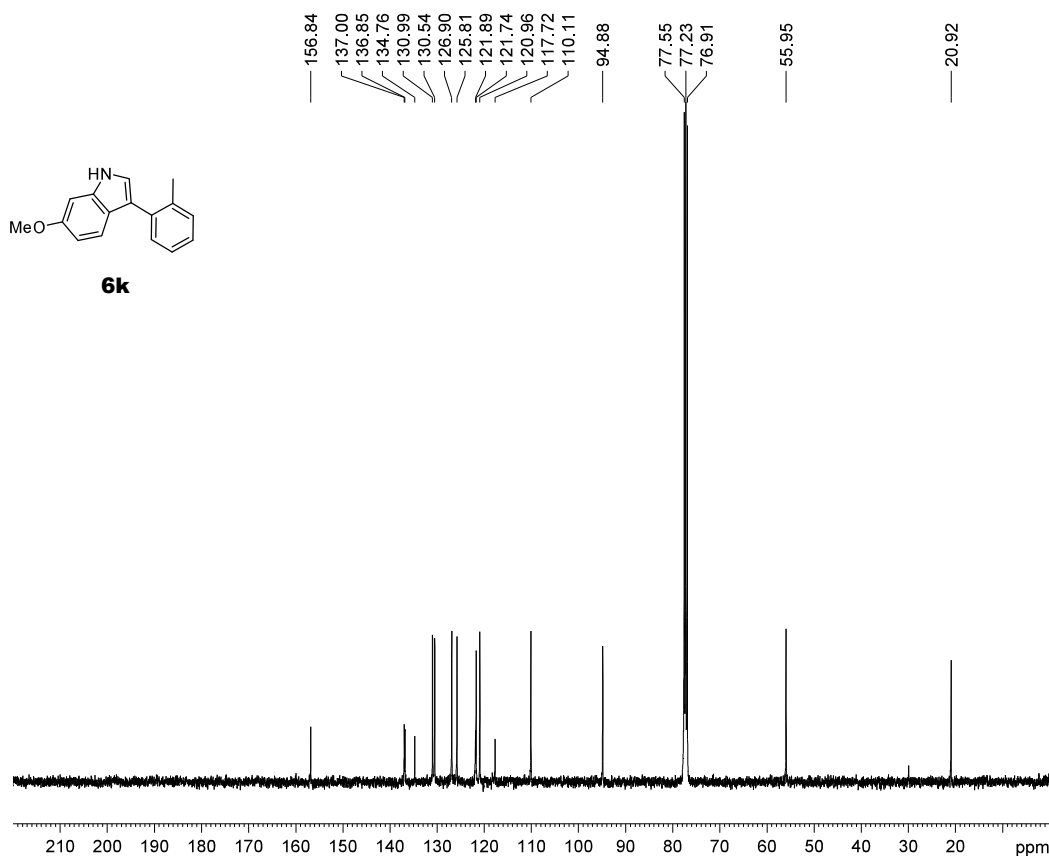
Current Data Parameters
NAME 2Me sty+3Br ani
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140708
Time 19.37
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2606921 sec
RG 114
DW 69.000 usec
DE 6.50 usec
TE 298.2 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 15.00 usec
PL1 -5.85 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300118 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

6-methoxy-3-(o-tolyl)-1H-indole



Current Data Parameters
NAME 2Me sty+3Br ani
EXPNO 2
PROCNO 1

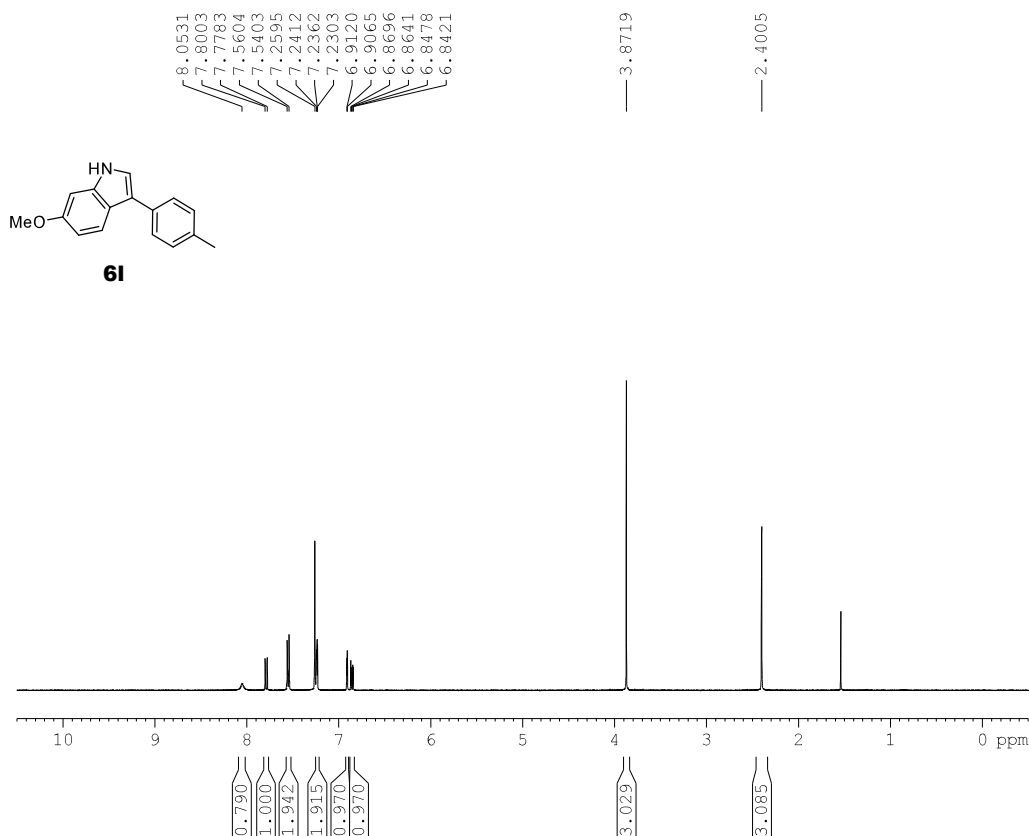
F2 - Acquisition Parameters
Date_ 20140708
Time 19.44
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1024
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.3 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127480 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

6-methoxy-3-(p-tolyl)-1H-indole



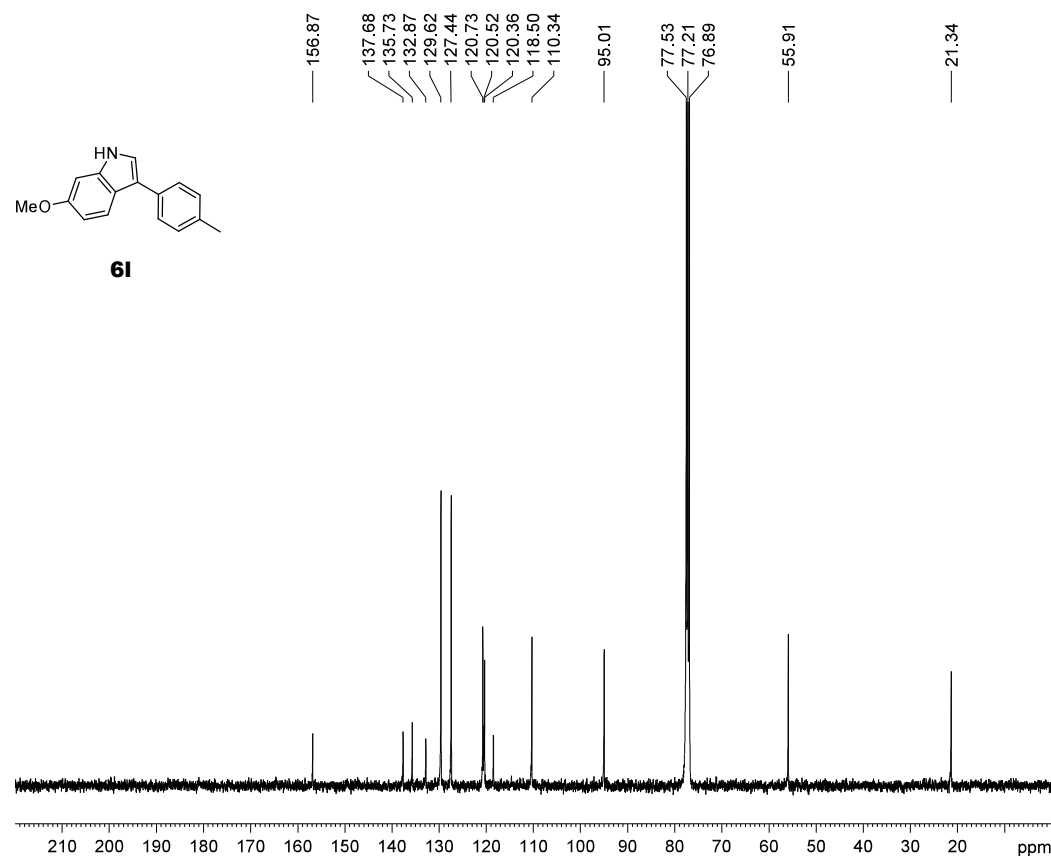
Current Data Parameters
NAME 4Me sty+3Br ani
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141017
Time 21.26
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 14
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.3 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300097 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

6-methoxy-3-(p-tolyl)-1H-indole



Current Data Parameters
NAME 4Me sty+3Br ani
EXPNO 2
PROCNO 1

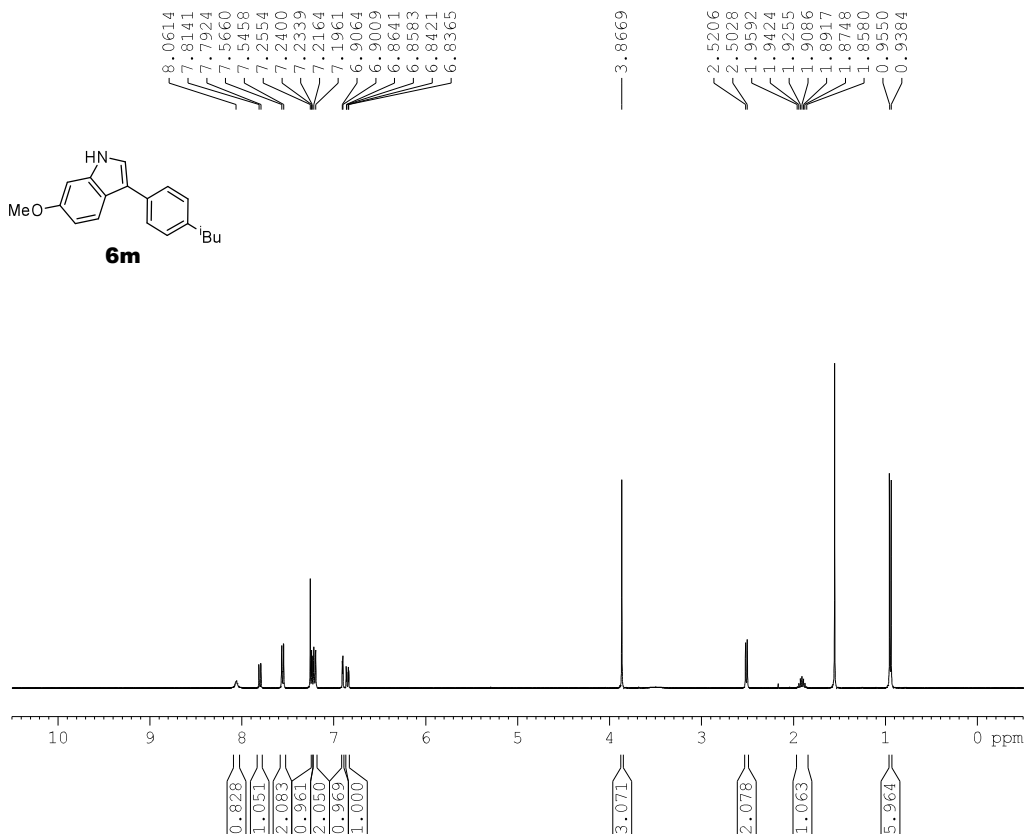
F2 - Acquisition Parameters
Date_ 20140116
Time 14.47
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 2048
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 297.8 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233324 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127492 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

3-(4-isobutylphenyl)-6-methoxy-1H-indole



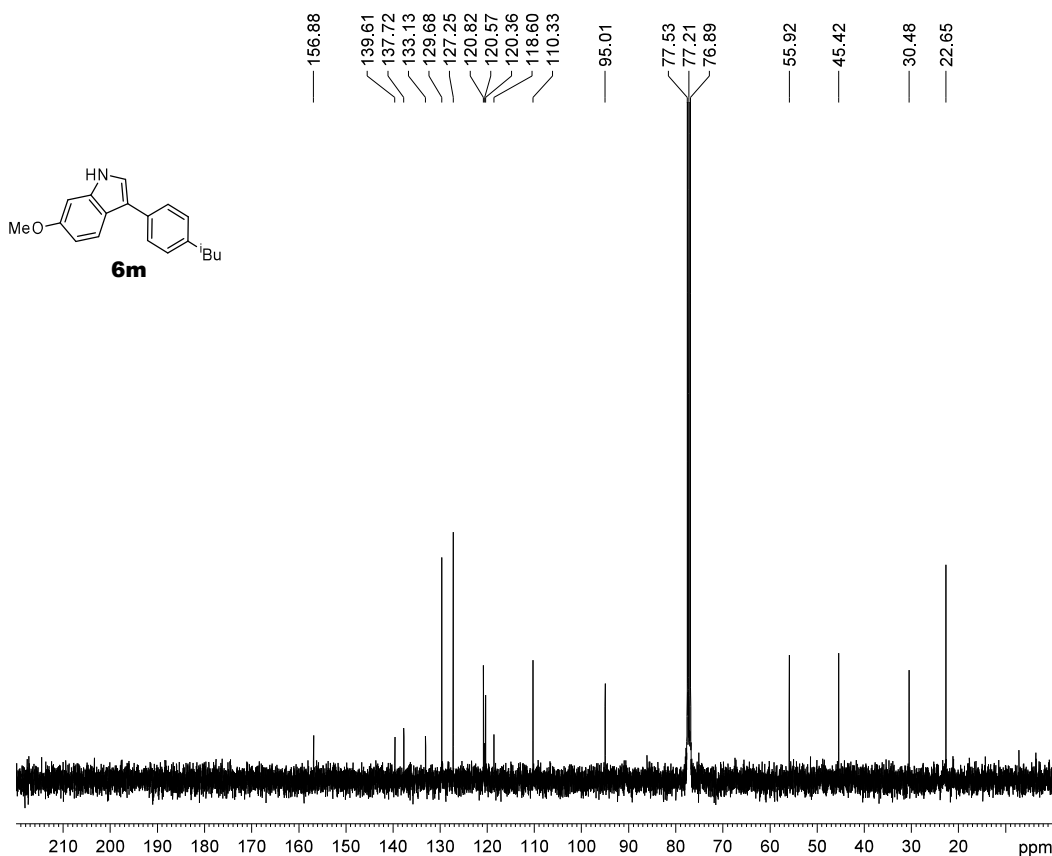
Current Data Parameters
NAME 4iBu sty+3Br ani
EXPNO 8
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140825
Time 22.33
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2609921 sec
RG 256
DW 69,000 usec
DE 6.50 usec
TE 300.7 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 15.00 usec
PL1 -5.85 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300118 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(4-isobutylphenyl)-6-methoxy-1H-indole



Current Data Parameters
NAME 4iBu sty+3Br ani
EXPNO 9
PROCNO 1

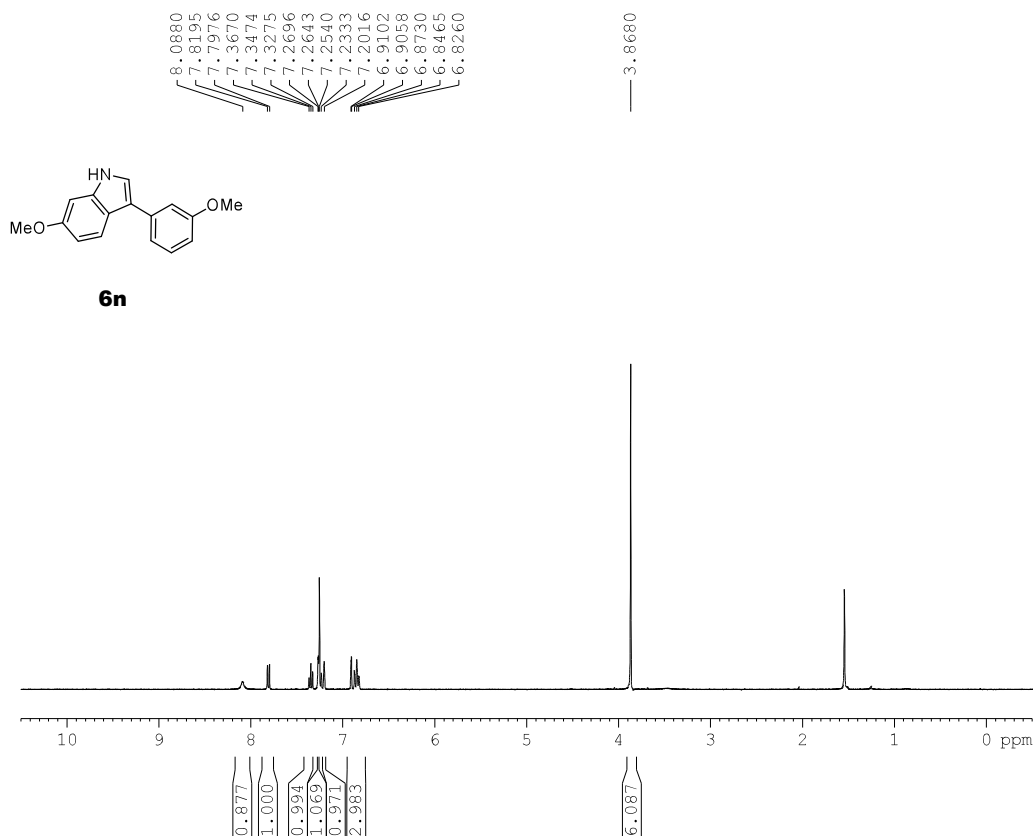
F2 - Acquisition Parameters
Date_ 20140825
Time 22.34
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 698
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 300.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 6.70 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -5.85 dB
PL12 9.10 dB
PL13 12.10 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127463 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

6-methoxy-3-(3-methoxyphenyl)-1H-indole



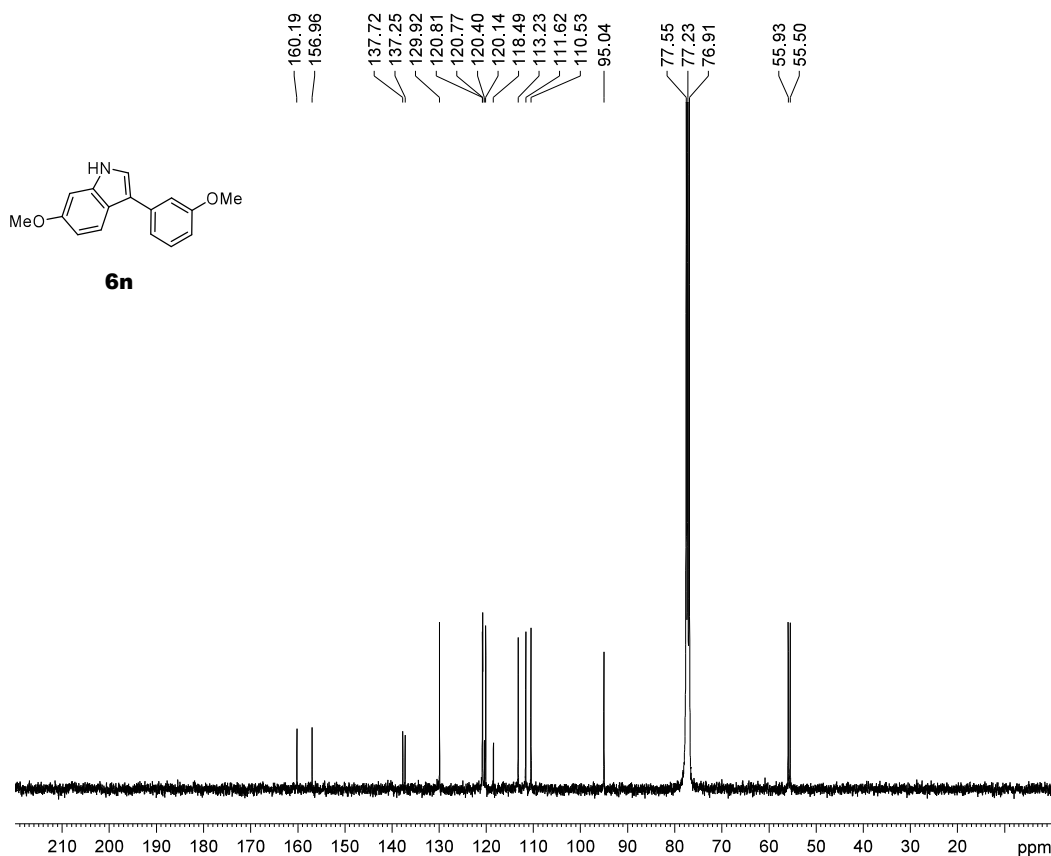
Current Data Parameters
NAME 3OMe sty+3Br ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140415
Time 17.37
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2609921 sec
RG 362
DW 69,000 usec
DE 6.50 usec
TE 300.1 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.35 usec
PL1 -2.00 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300118 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

6-methoxy-3-(3-methoxyphenyl)-1H-indole



Current Data Parameters
NAME 3OMe sty+3Br ani
EXPNO 2
PROCNO 1

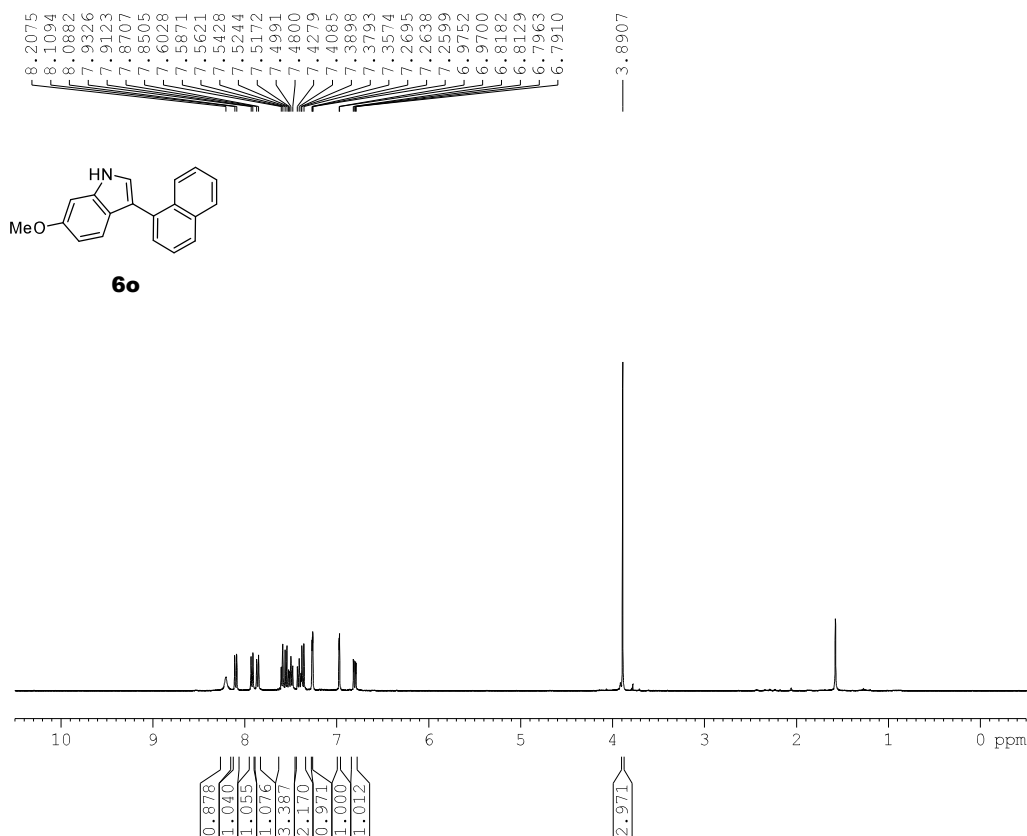
F2 - Acquisition Parameters
Date_ 20140423
Time 1.08
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 9412
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.8 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127460 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

6-methoxy-3-(naphthalen-1-yl)-1H-indole



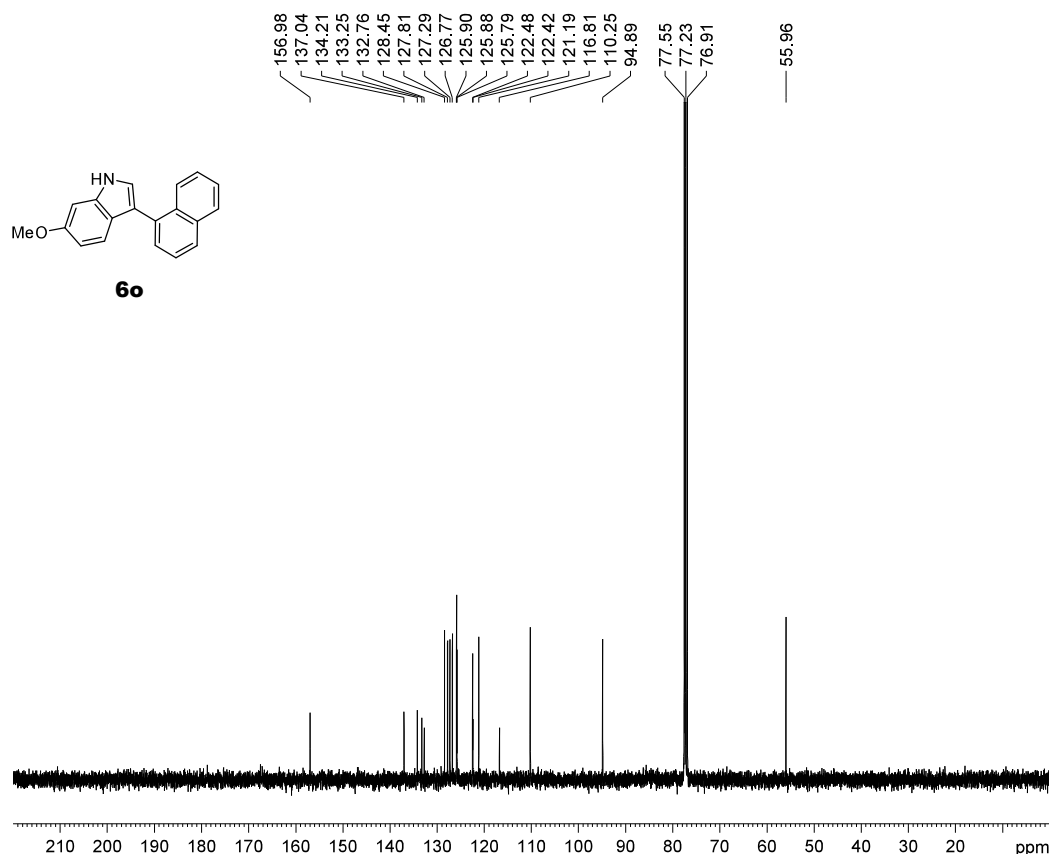
Current Data Parameters
NAME 1Naph sty+3Br ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140519
Time 21.24
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 113.31
DW 69.333 usec
DE 10.52 usec
TE 298.4 K
D1 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300097 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

6-methoxy-3-(naphthalen-1-yl)-1H-indole



Current Data Parameters
NAME 1Naph sty+3Br ani
EXPNO 4
PROCNO 1

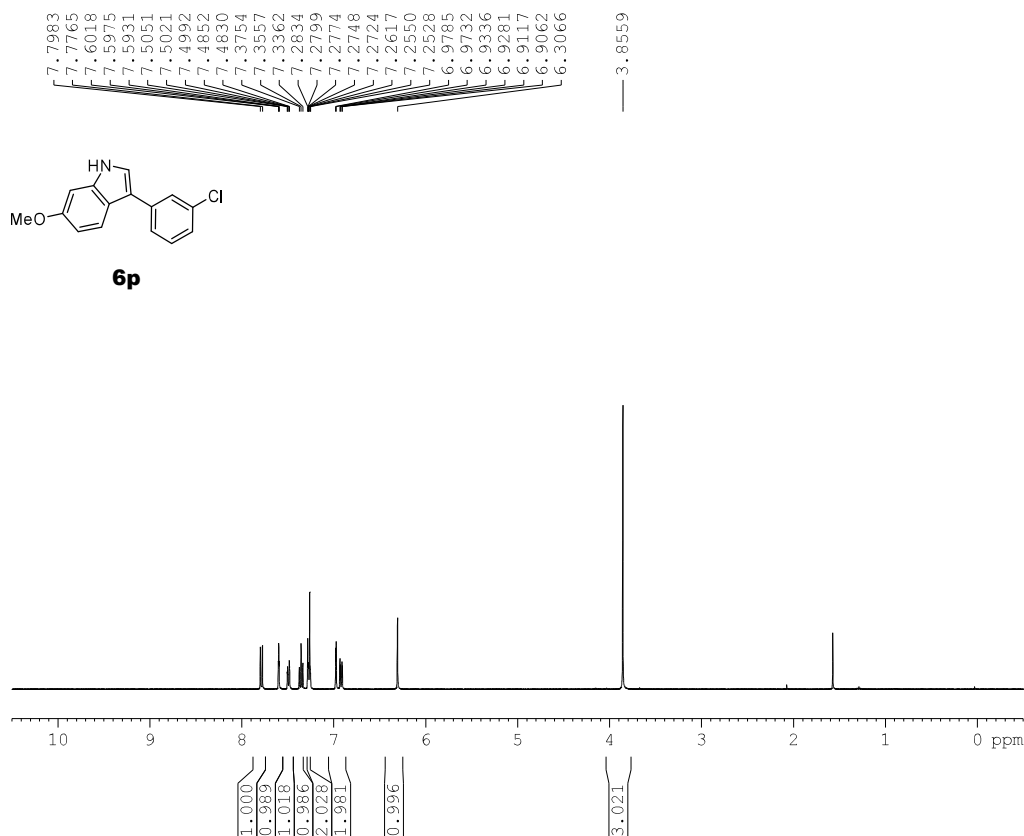
F2 - Acquisition Parameters
Date_ 20140526
Time 12.07
INSTRUM spect
PROBHD 5 mm SEI 1H-13
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1145
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 297.5 K
D1 2.0000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 15.50 usec
PL1 7.30 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -4.20 dB
PL12 13.10 dB
PL13 16.10 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127484 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

3-(3-chlorophenyl)-6-methoxy-1H-indole



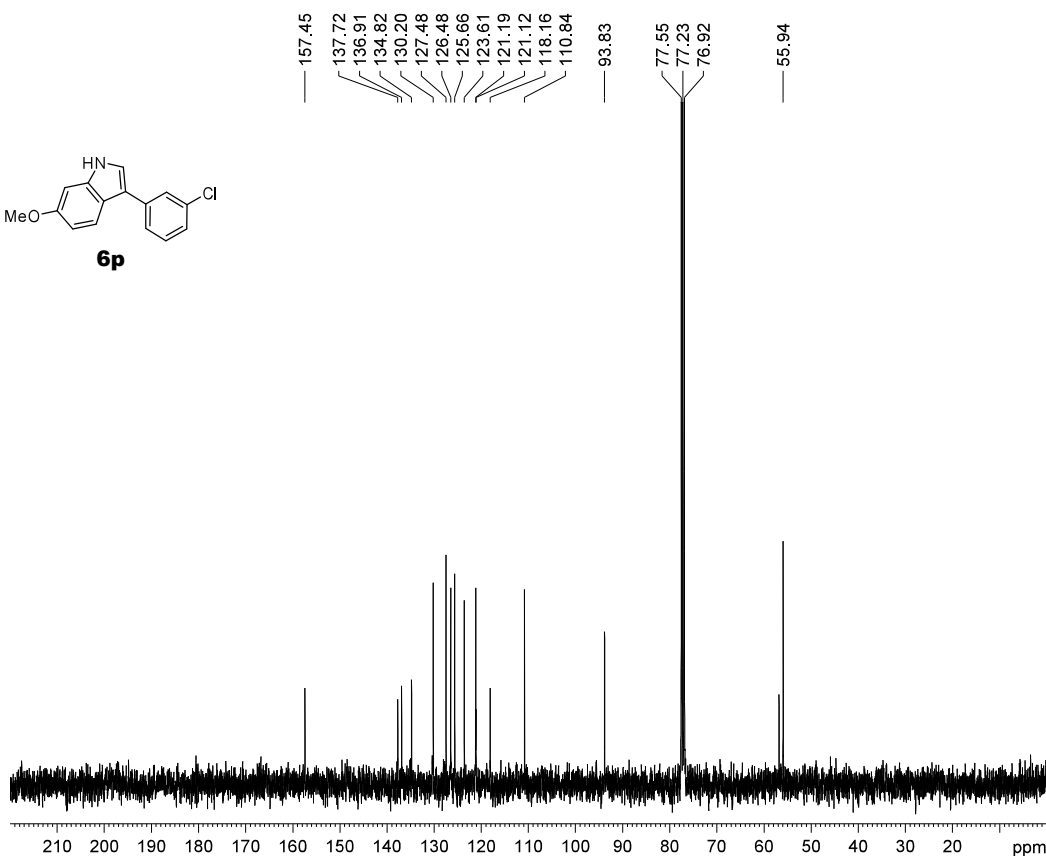
Current Data Parameters
NAME 3Clsty+3Br ani
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140811
Time 15.13
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.220079 Hz
AQ 2.2719147 sec
RG 4.01
DW 69.333 usec
DE 10.52 usec
TE 298.7 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 400.1324008 MHz
NUC1 1H
P1 12.80 usec
PLW1 15.00000000 W

F2 - Processing parameters
SI 16384
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(3-chlorophenyl)-6-methoxy-1H-indole



Current Data Parameters
NAME 3Clsty+3Br ani
EXPNO 4
PROCNO 1

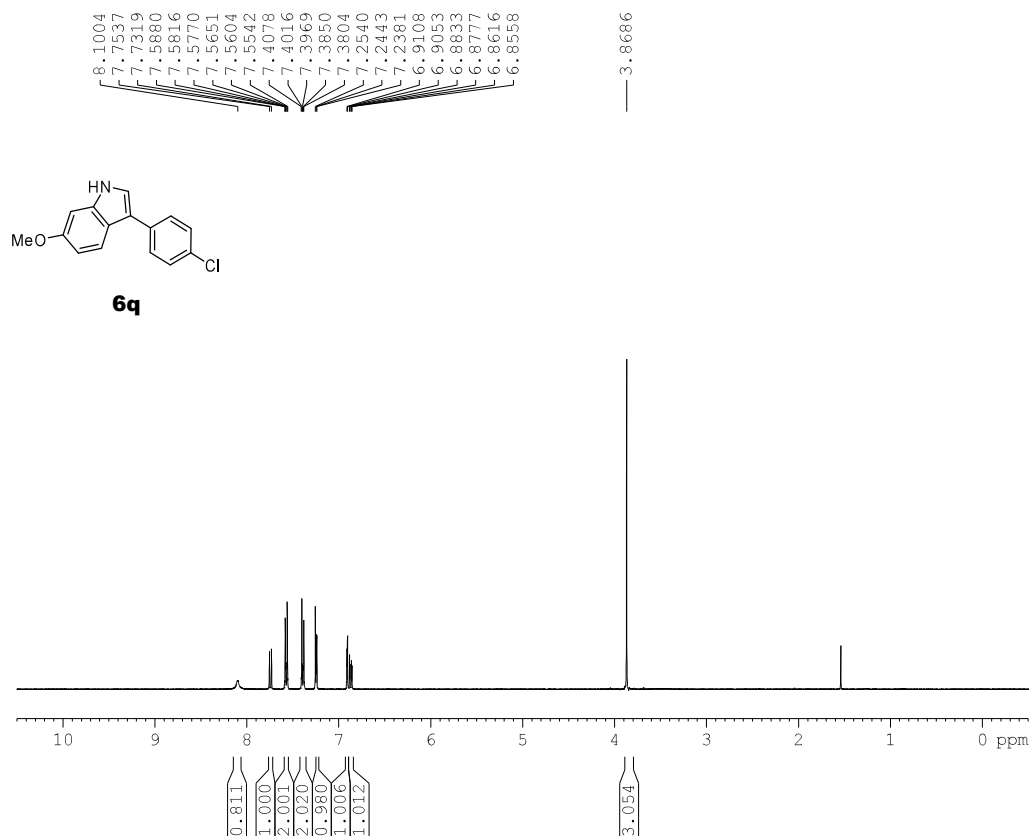
F2 - Acquisition Parameters
Date_ 20140811
Time 15.17
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 109
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 198.09
DW 20.800 usec
DE 6.50 usec
TE 298.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 100.6233319 MHz
NUC1 13C
P1 10.00 usec
PLW1 46.00000000 W

===== CHANNEL f2 =====
SFO2 400.1316005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 15.00000000 W
PLW12 0.34252000 W
PLW13 0.27744001 W

F2 - Processing parameters
SI 32768
SF 100.6127471 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

3-(4-chlorophenyl)-6-methoxy-1H-indene



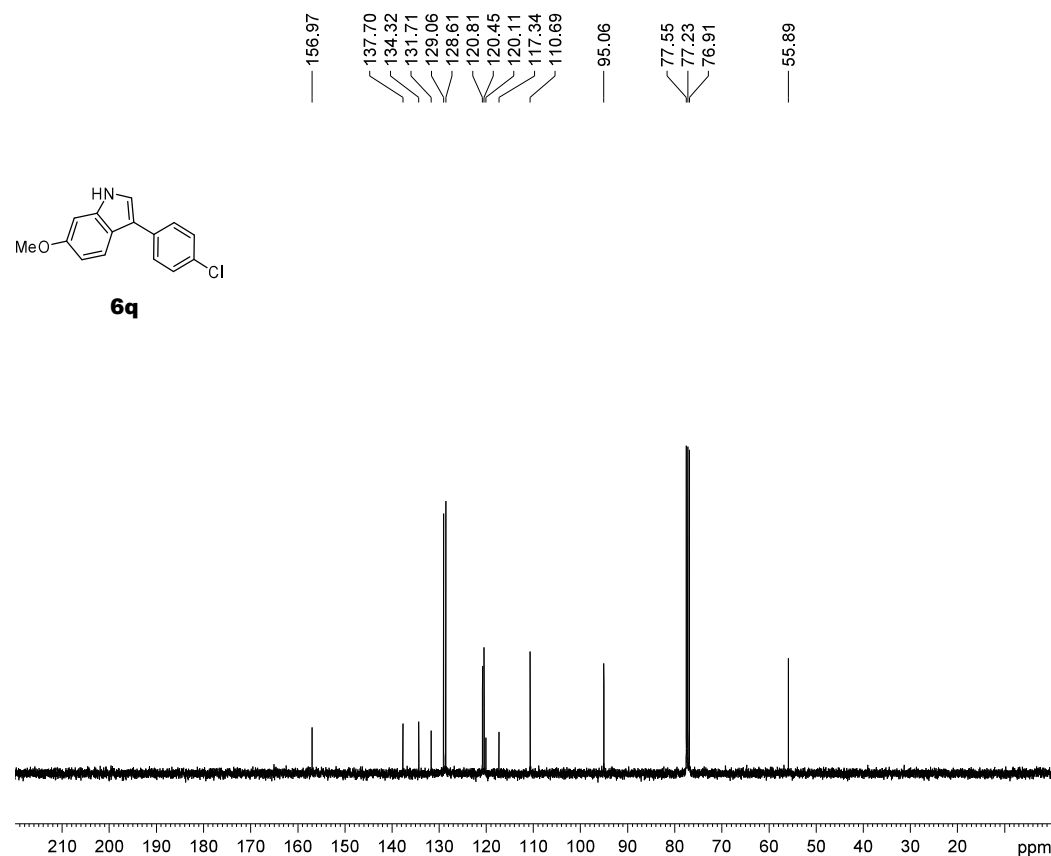
Current Data Parameters
NAME 4Clsty+3Br ani
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20131026
Time 14.19
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 4
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2609921 sec
RG 362
DW 69,000 usec
DE 6.50 usec
TE 300.0 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.90 usec
PL1 3.00 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300118 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(4-chlorophenyl)-6-methoxy-1H-indene



Current Data Parameters
NAME 4Clsty+3Br ani
EXPNO 2
PROCNO 1

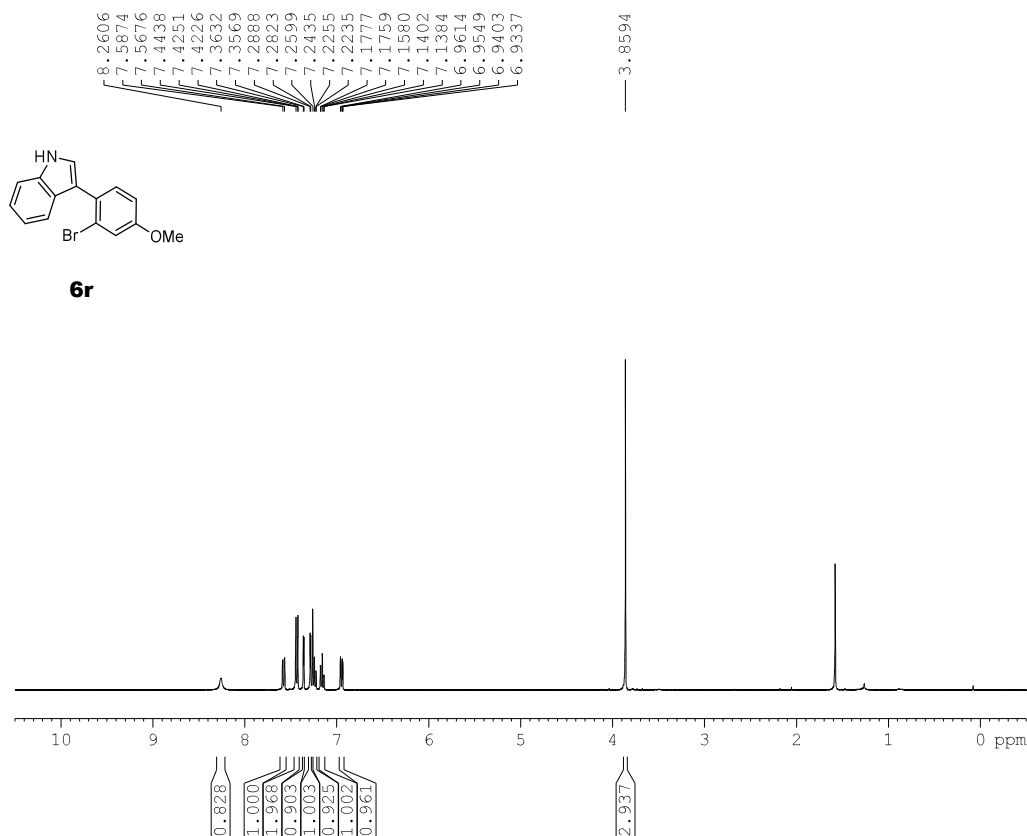
F2 - Acquisition Parameters
Date_ 20131030
Time 16.49
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 113
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 300.3 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.40 usec
PL1 7.00 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 3.00 dB
PL12 20.70 dB
PL13 23.70 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127507 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

3-(2-bromo-4-methoxyphenyl)-1H-indole



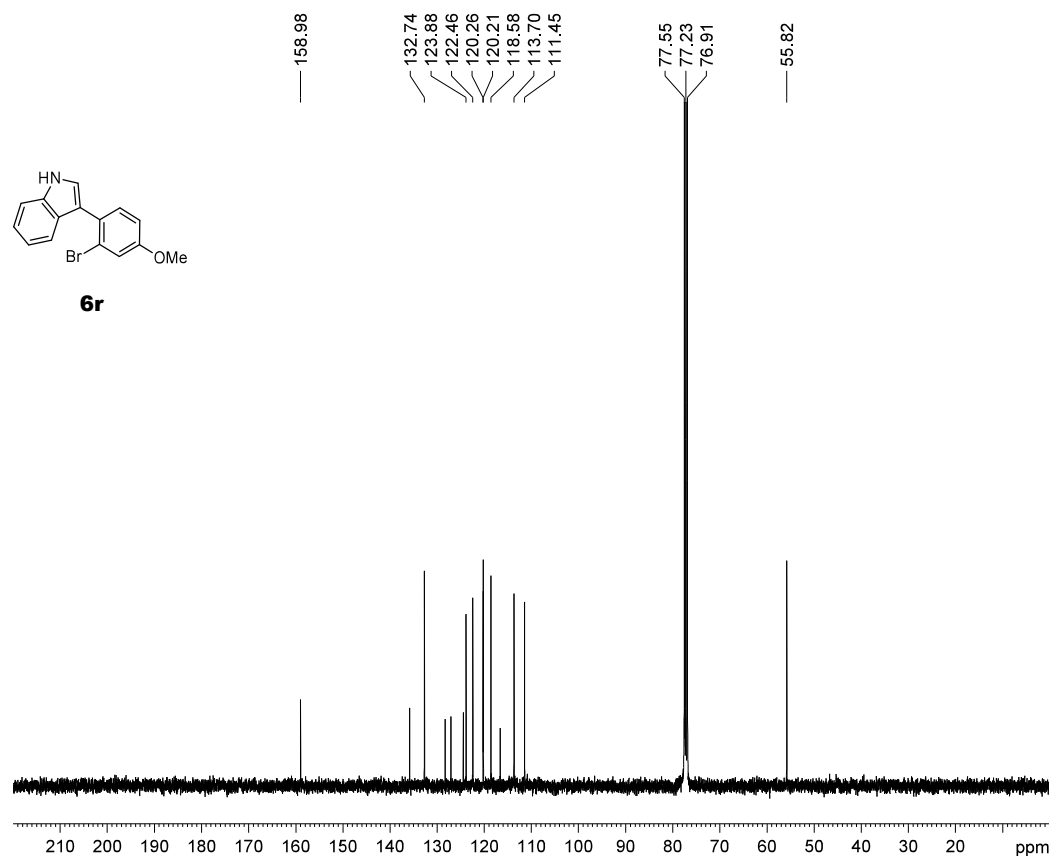
Current Data Parameters
NAME 2NO2 sty+3Br ani
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140227
Time 17.59
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 4
DS 0
SWH 7246.377 Hz
FIDRES 0.221142 Hz
AQ 2.2609921 sec
RG 225.1
DW 69.000 usec
DE 6.50 usec
TE 295.6 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.35 usec
PL1 -2.00 dB
SFO1 400.1324008 MHz

F2 - Processing parameters
SI 16384
SF 400.1300092 MHz
WDW EM
SSB 0
LB 0 Hz
GB 0
PC 1.00

3-(2-bromo-4-methoxyphenyl)-1H-indole



Current Data Parameters
NAME 2NO2 sty+3Br ani
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140227
Time 18.00
INSTRUM spect
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 1753
DS 0
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.6815744 sec
RG 8192
DW 20.800 usec
DE 6.50 usec
TE 295.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.40 usec
PL1 7.00 dB
SFO1 100.6233325 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PL2 -2.00 dB
PL12 13.95 dB
PL13 17.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127498 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00