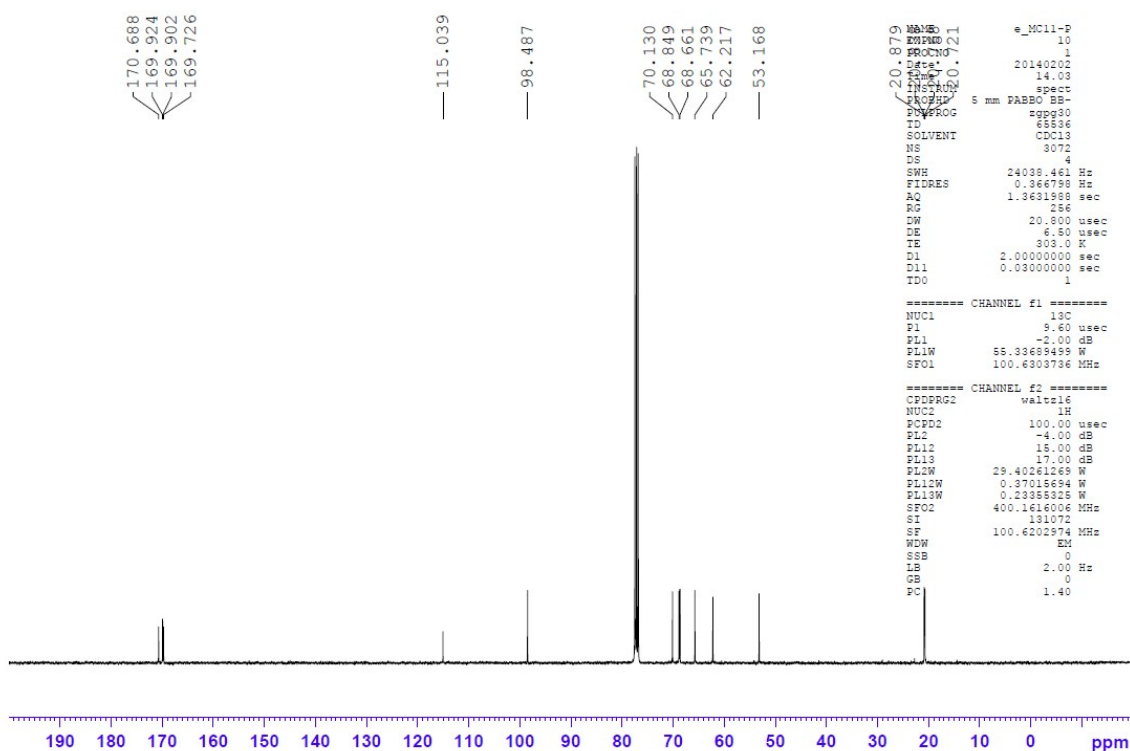
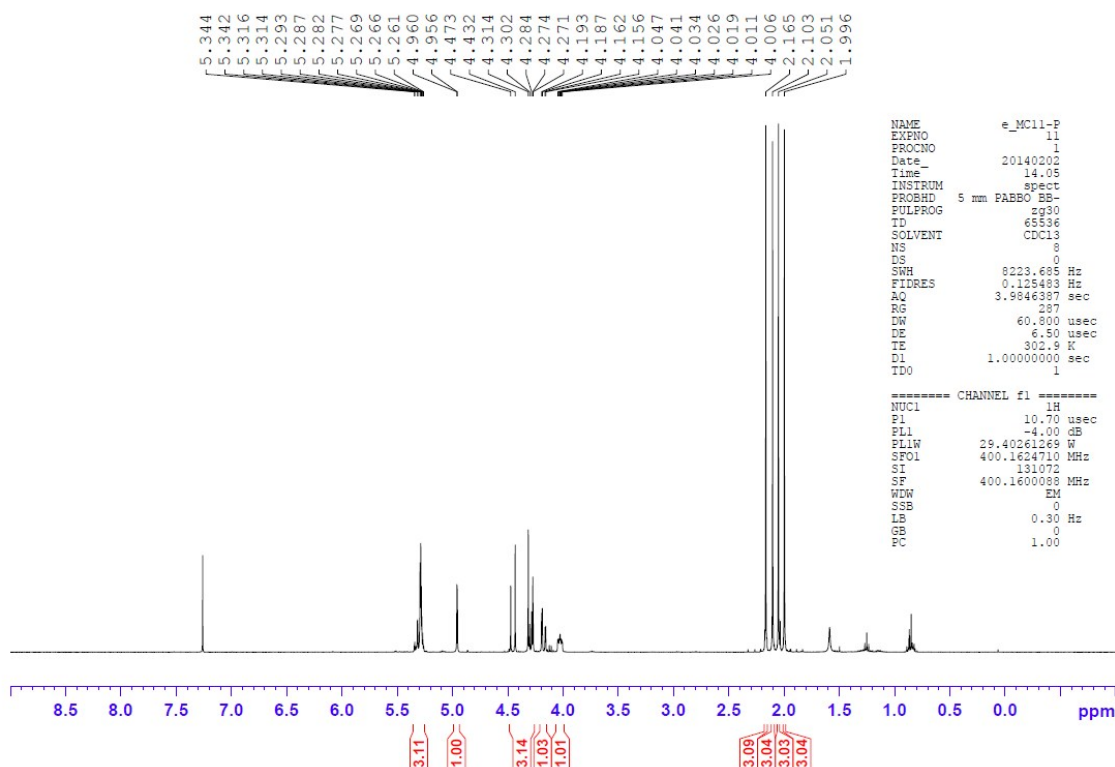
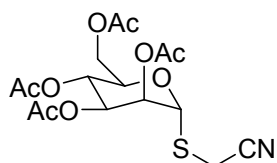
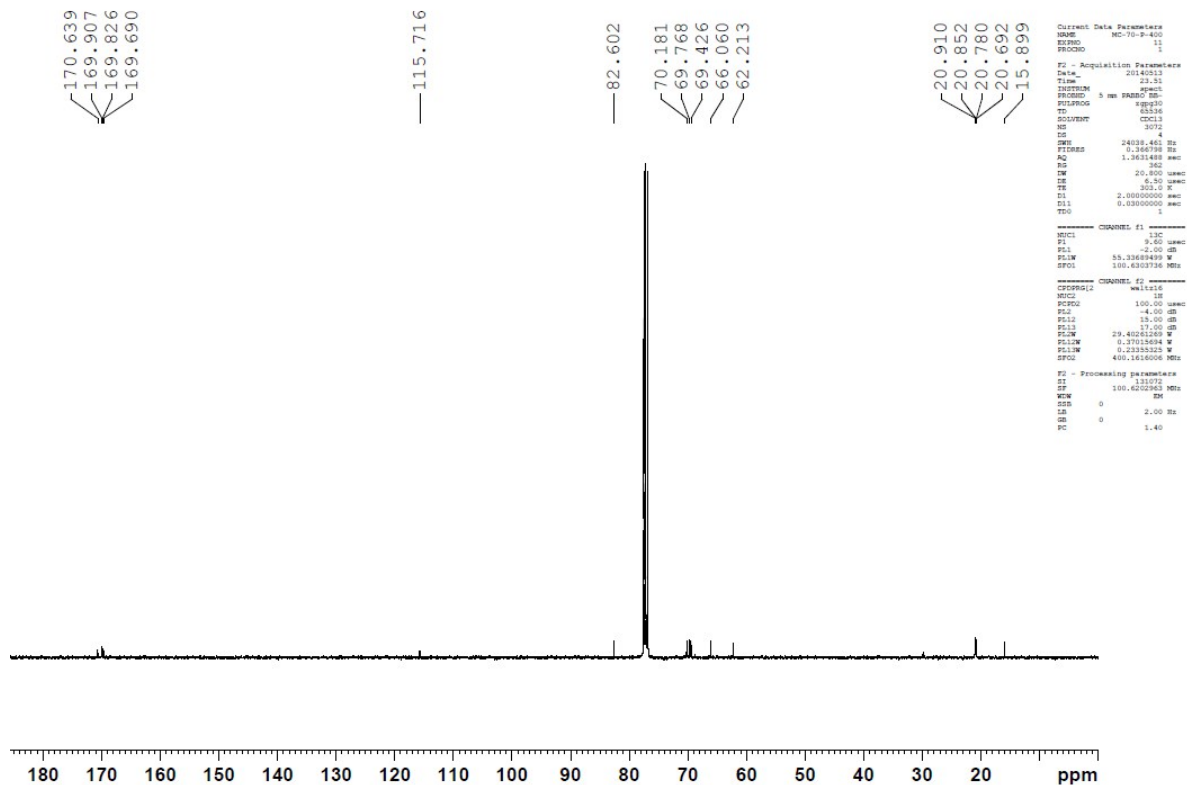
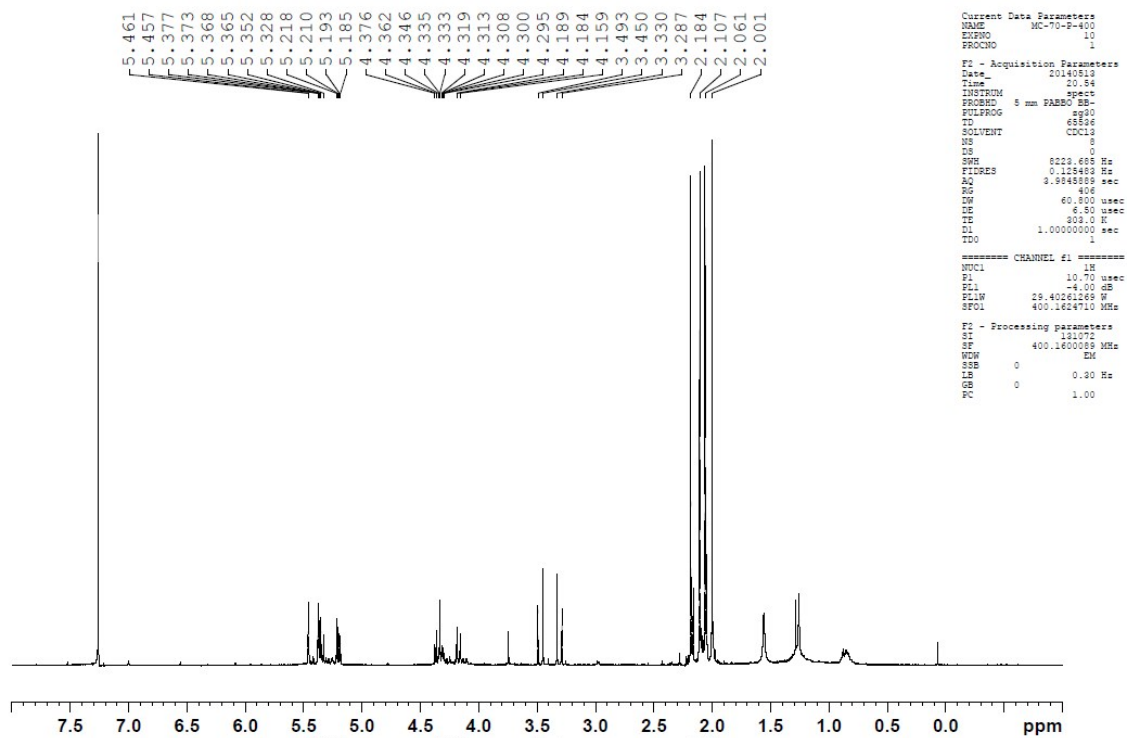


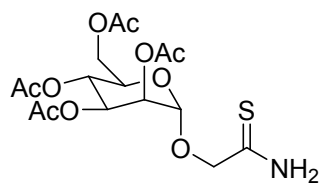
9



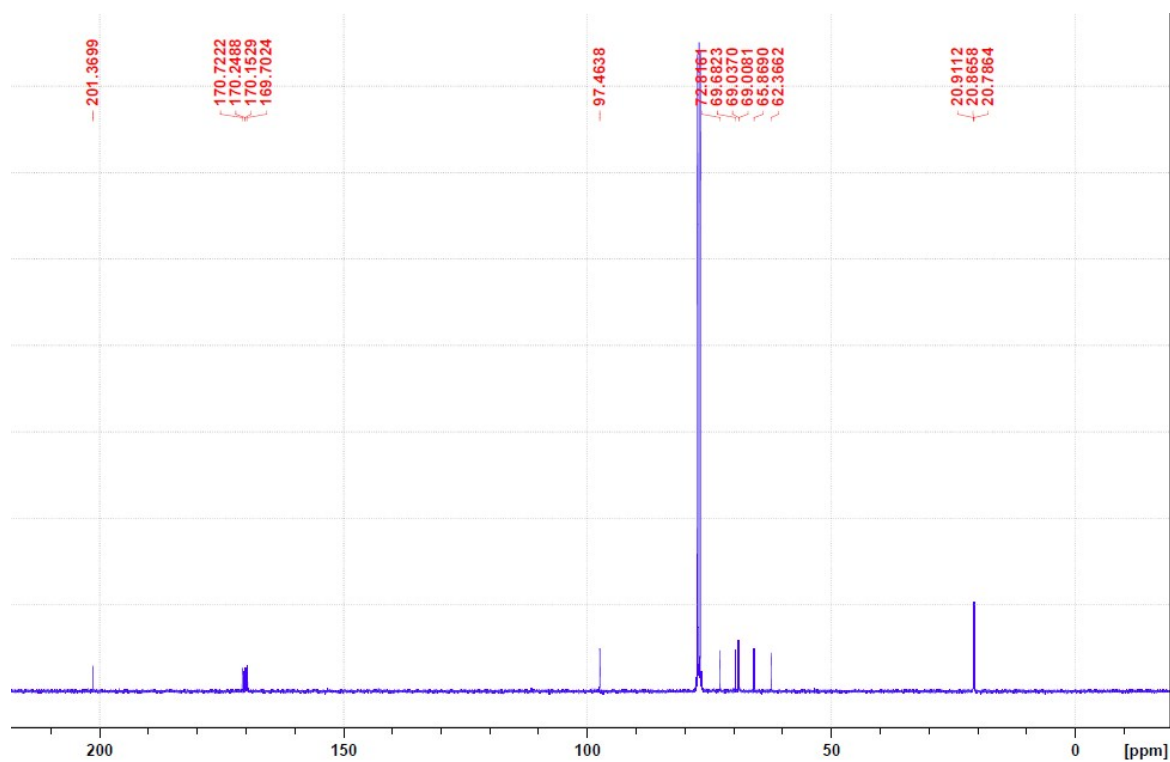
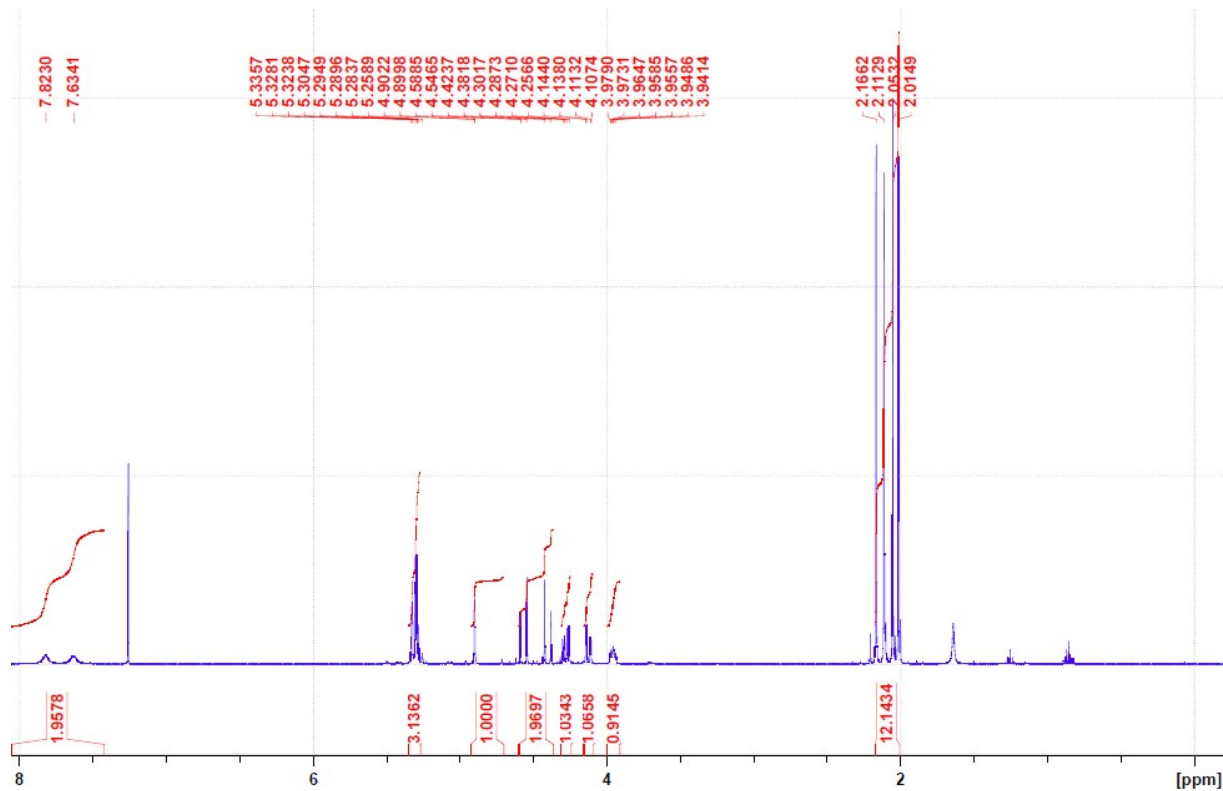


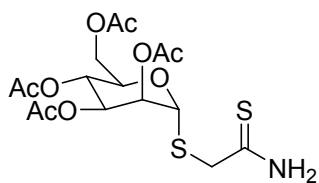
10



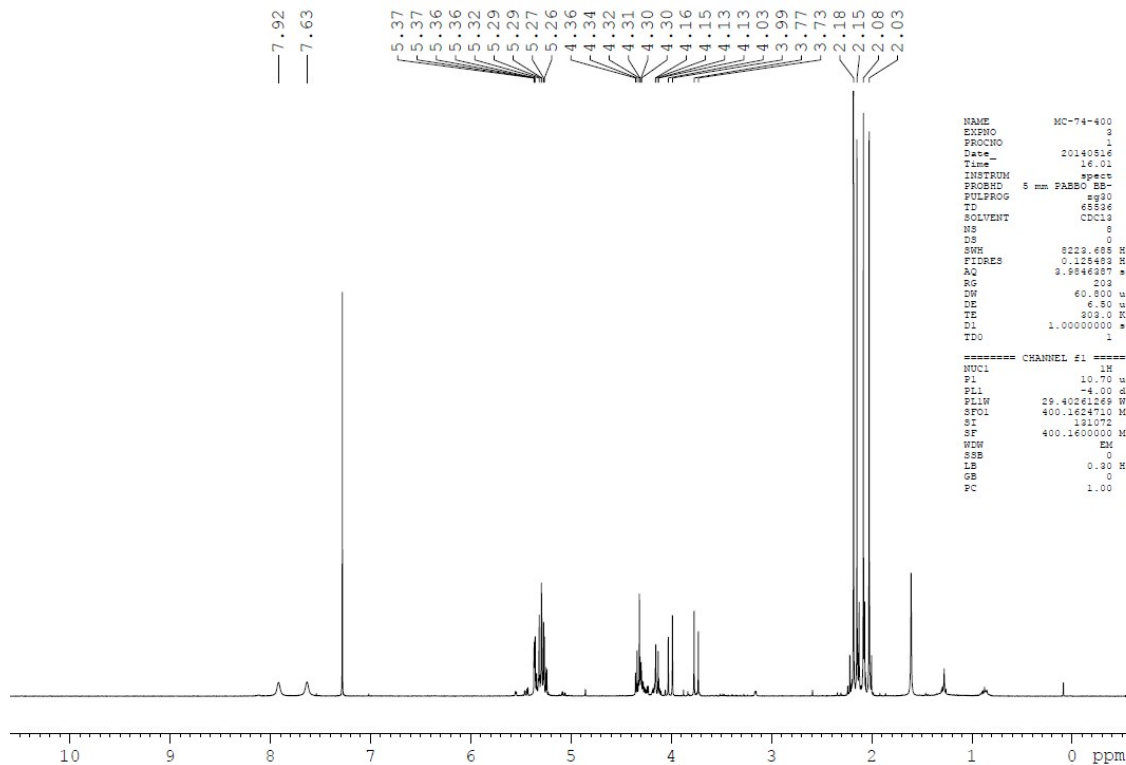


11





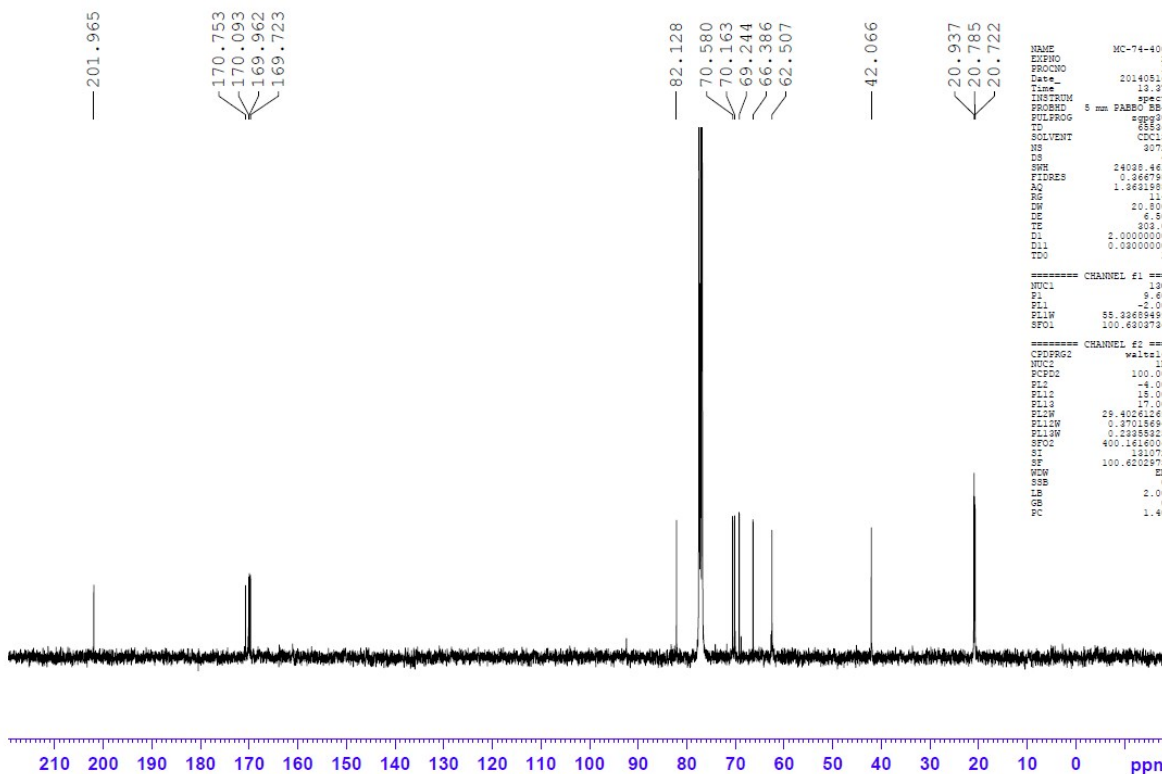
12



```

NAME      MC-74-400
EXPNO     1
PROCNO    1
Date_     20140516
Time      16.01
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         8
DS         0
SWH        8223.688 Hz
FIDRES     0.128488 Hz
AQ         2.2846207 sec
RG         208
DE         60.800 usec
TE         303.2 K
D1         1.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13
P1         10.70 usec
PL1        -4.00 dB
PL1W       29.40261269 W
SFO1       400.1624710 MHz
SI         131072
SF         400.1600000 MHz
WDW        EM
SSB         0
LB         0.30 Hz
GB         0
PC         1.00
  
```

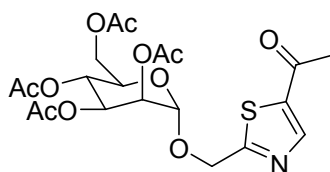


```

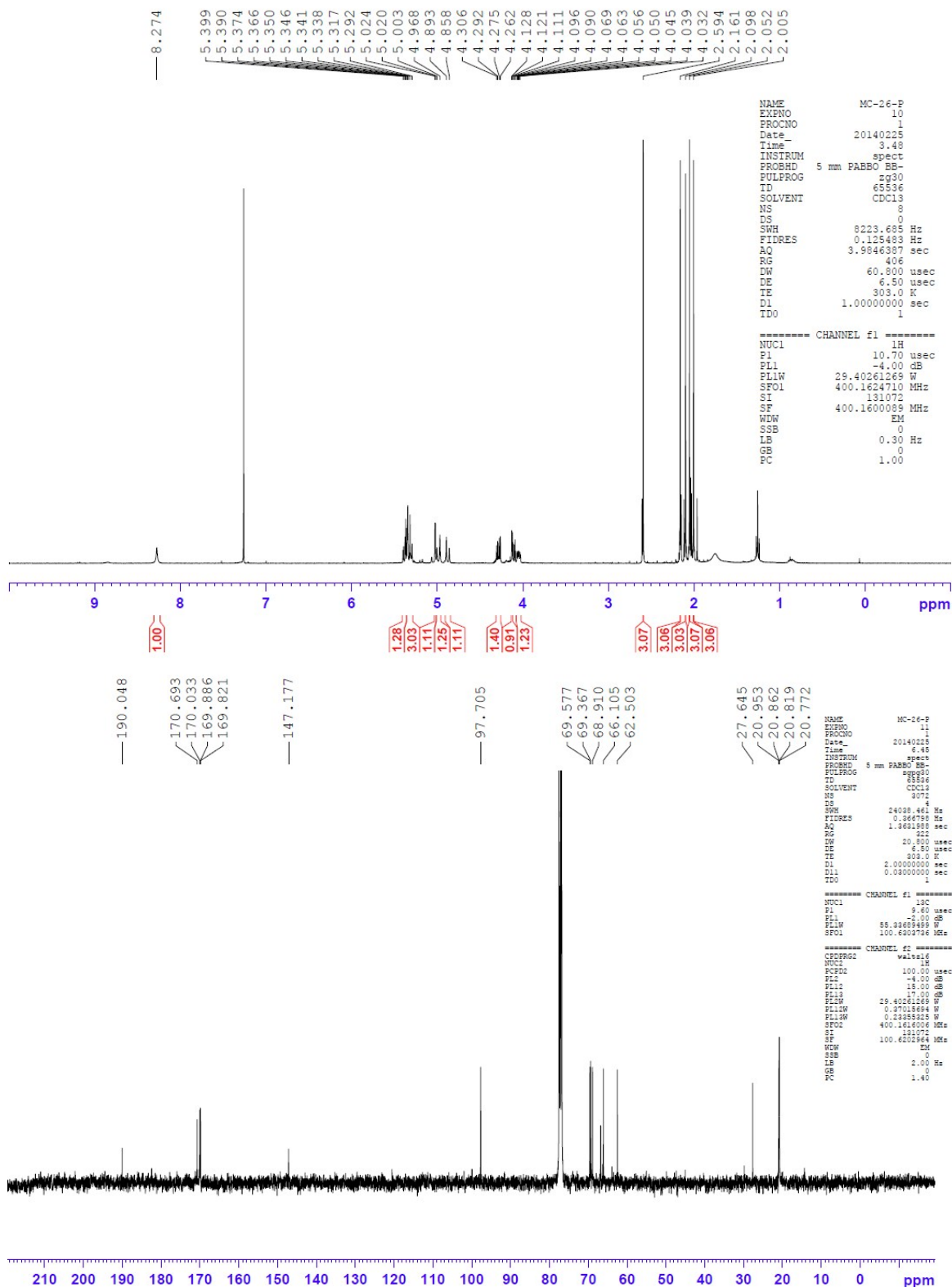
NAME      MC-74-400
EXPNO     1
PROCNO    1
Date_     20140516
Time      18.27
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         4
DS         0
SWH        24098.461 Hz
FIDRES     0.366798 Hz
AQ         1.3681988 sec
RG         1.14
DE         20.800 usec
TE         303.2 K
D1         2.00000000 sec
D11        0.00000000 sec
TD0        1

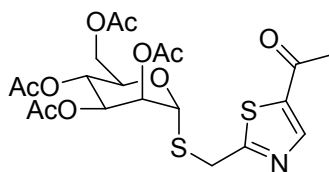
===== CHANNEL f1 =====
NUC1       13C
P1         9.80 usec
PL1        -2.00 dB
PL1W       58.32655499 W
SFO1       100.6260734 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC1       1H
PCPD2     100.00 usec
PL2        -4.00 dB
PL2W       18.00 dB
PL3        -7.00 dB
PL3W       29.40261269 W
SFO2       400.1624710 MHz
SI         131072
SF         400.6202973 MHz
WDW        EM
SSB         0
LB         2.00 Hz
GB         0
PC         1.40
  
```

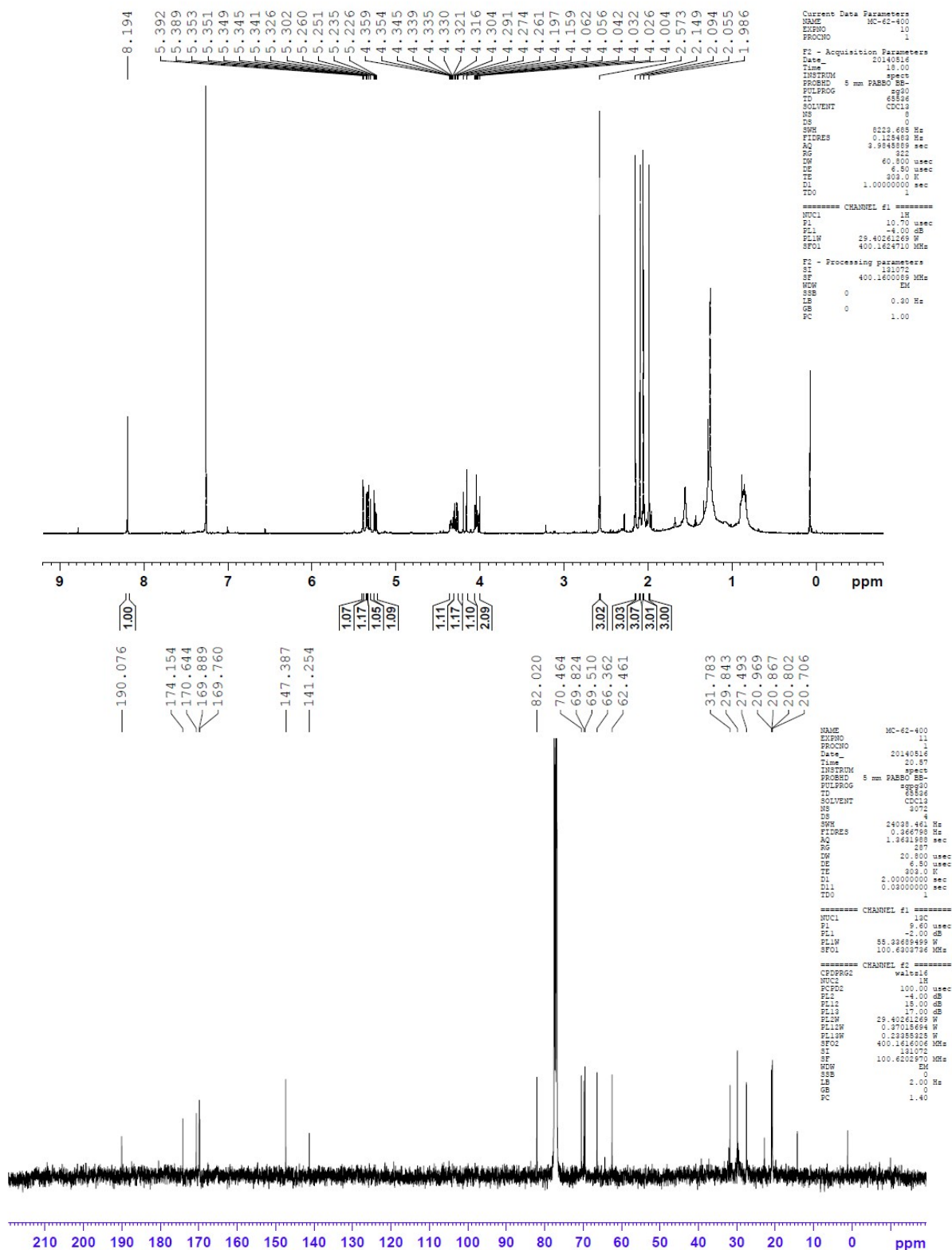


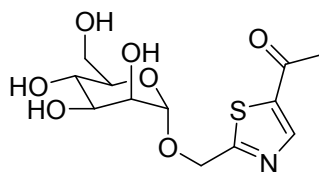
13



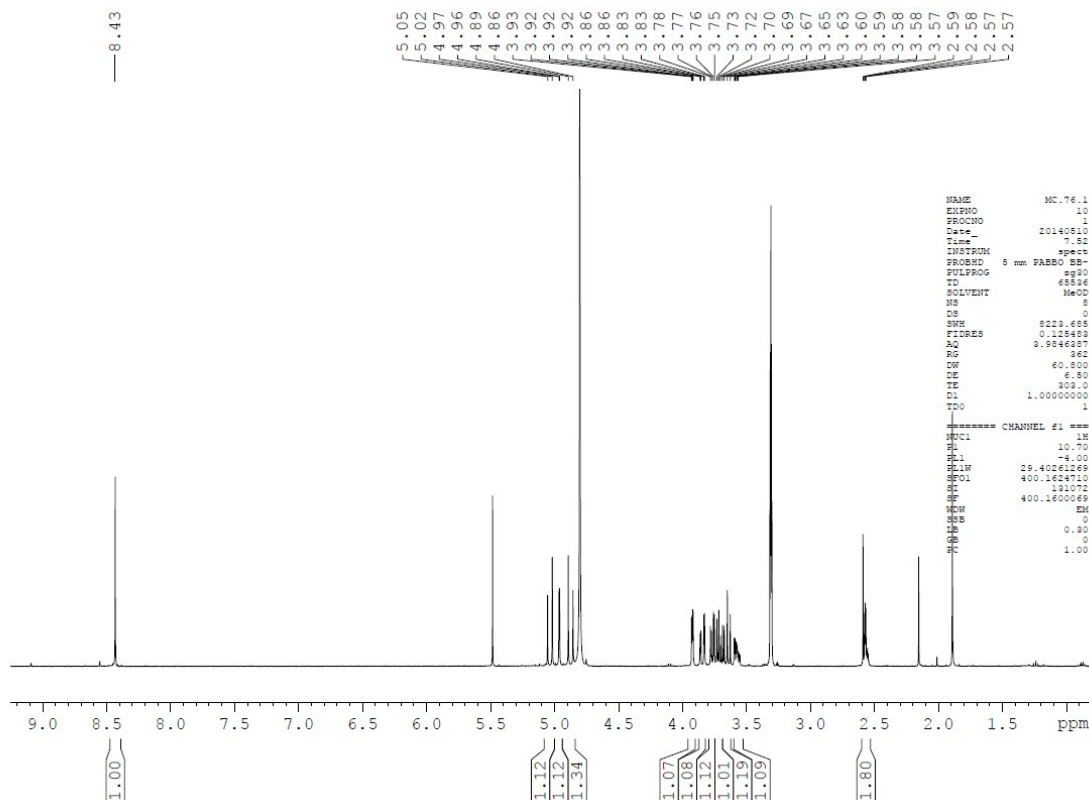


14





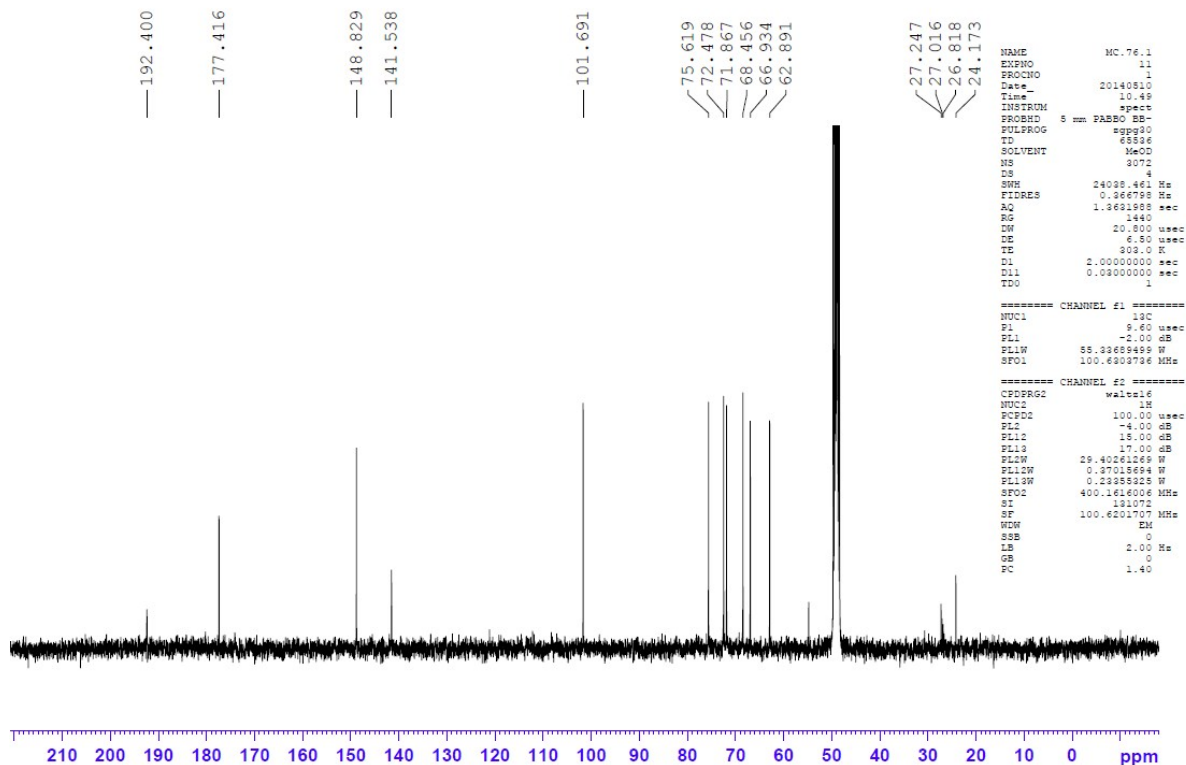
2



```

NAME      MC.76.1
EXPNO     10
PROCNO    1
Date_     20140510
Time      7.52
INSTRUM    spect
PROBHD     5 mm PABBO BB-
PULPROG    zgpg30
TD         65536
SOLVENT    MeOD
NS         8
DS         0
SWH         8223.695 Hz
FIDRES     0.125483 Hz
AQ         2.856637 sec
RG         362
DE         60.800 usec
TE         303.0 K
D1         1.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
PL         10.70 usec
PL1        -4.00 dB
PL1W       29.40261269 W
SFO1       400.1624710 MHz
SI         131072
SF         400.1600069 MHz
WDW         EM
SSB         0
LB         0.80 Hz
GB         0
PC         1.00
  
```

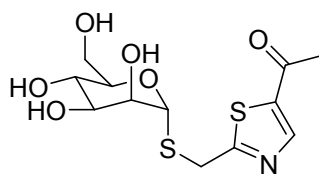


```

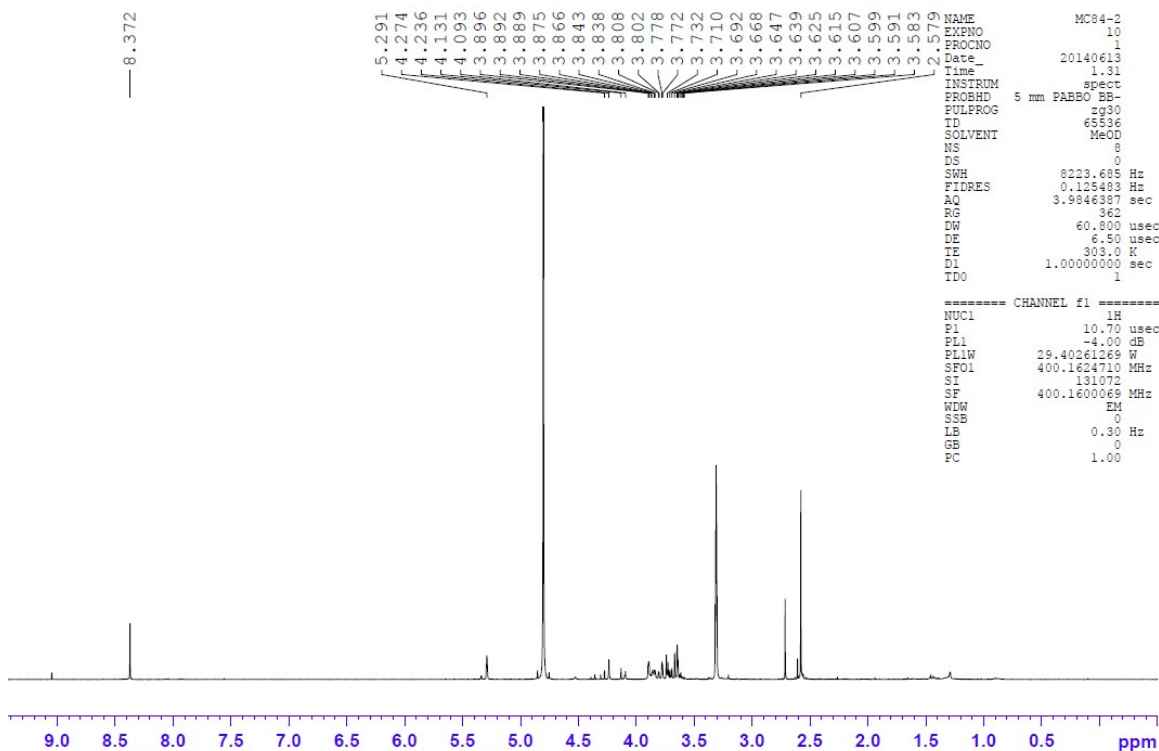
NAME      MC.76.1
EXPNO     11
PROCNO    1
Date_     20140510
Time      10.49
INSTRUM    spect
PROBHD     5 mm PABBO BB-
PULPROG    zgpg30
TD         65536
SOLVENT    MeOD
NS         4
DS         4
SWH         24039.461 Hz
FIDRES     0.266795 Hz
AQ         1.3691998 sec
RG         1440
DE         20.800 usec
TE         303.0 K
D1         2.00000000 sec
PL1        0.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
PL         2.60 usec
PL1        -1.00 dB
PL1W       55.33688499 W
SFO1       100.6203726 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       1H
PCPD2      100.00 usec
PL2        -4.00 dB
PL12       15.00 dB
PL13       17.00 dB
PL1W       29.40261269 W
PL1W       0.27015694 W
PL1W       0.2385325 W
SFO2       400.1616006 MHz
SI         131072
SF         100.6203707 MHz
WDW         EM
SSB         0
LB         2.00 Hz
GB         0
PC         1.40
  
```



3

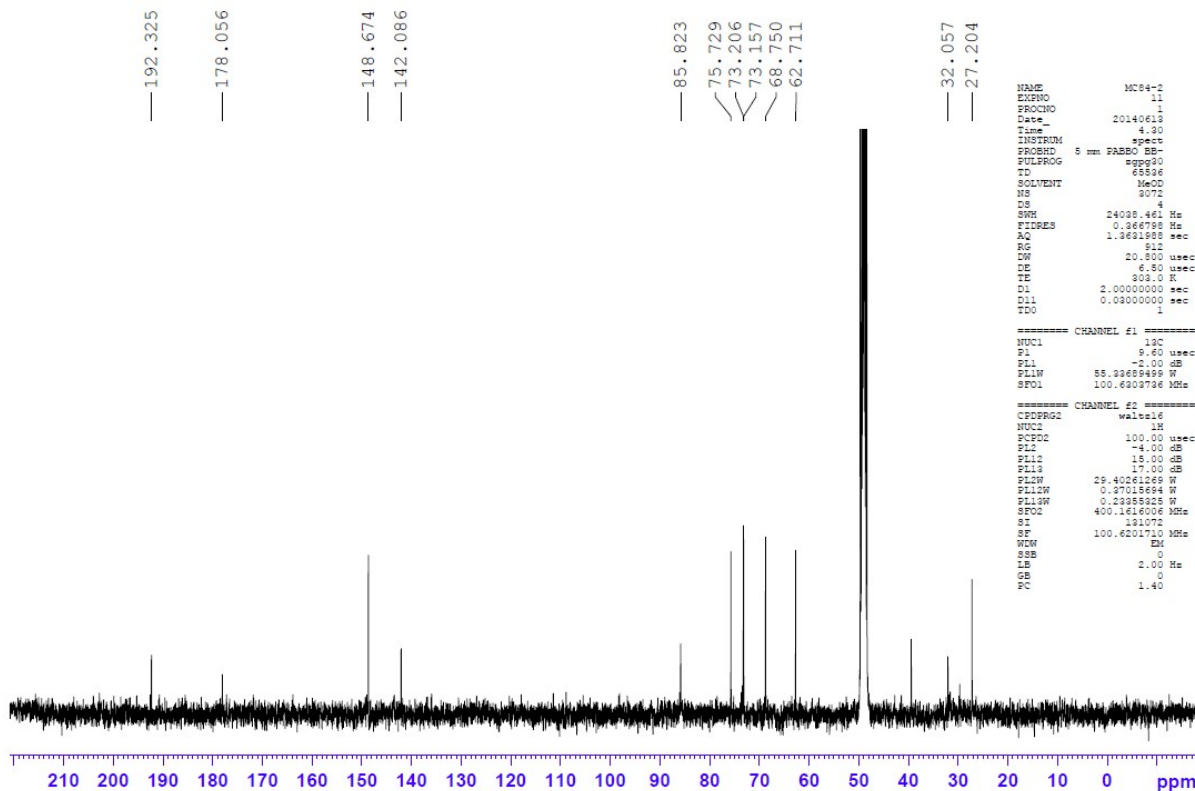


```

NAME      MC84-2
EXPNO     10
PROCNO    1
Date_     20140613
Time      1.31
INSTRUM   spect
PROBHD    5 mm FAPBO BB-
PULPROG   zg30
TD         65536
SOLVENT   MeOD
NS         8
DS         0
SWH        8223.685 Hz
FIDRES     0.125483 Hz
AQ         3.9846387 sec
RG         362
DW         60.800 usec
DE         6.50 usec
TE         303.0 K
D1         1.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         10.70 usec
PL1        -4.00 dB
PLLW       29.40261269 W
SFO1       400.1624710 MHz
SI         131072
SF         400.1600069 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00

```



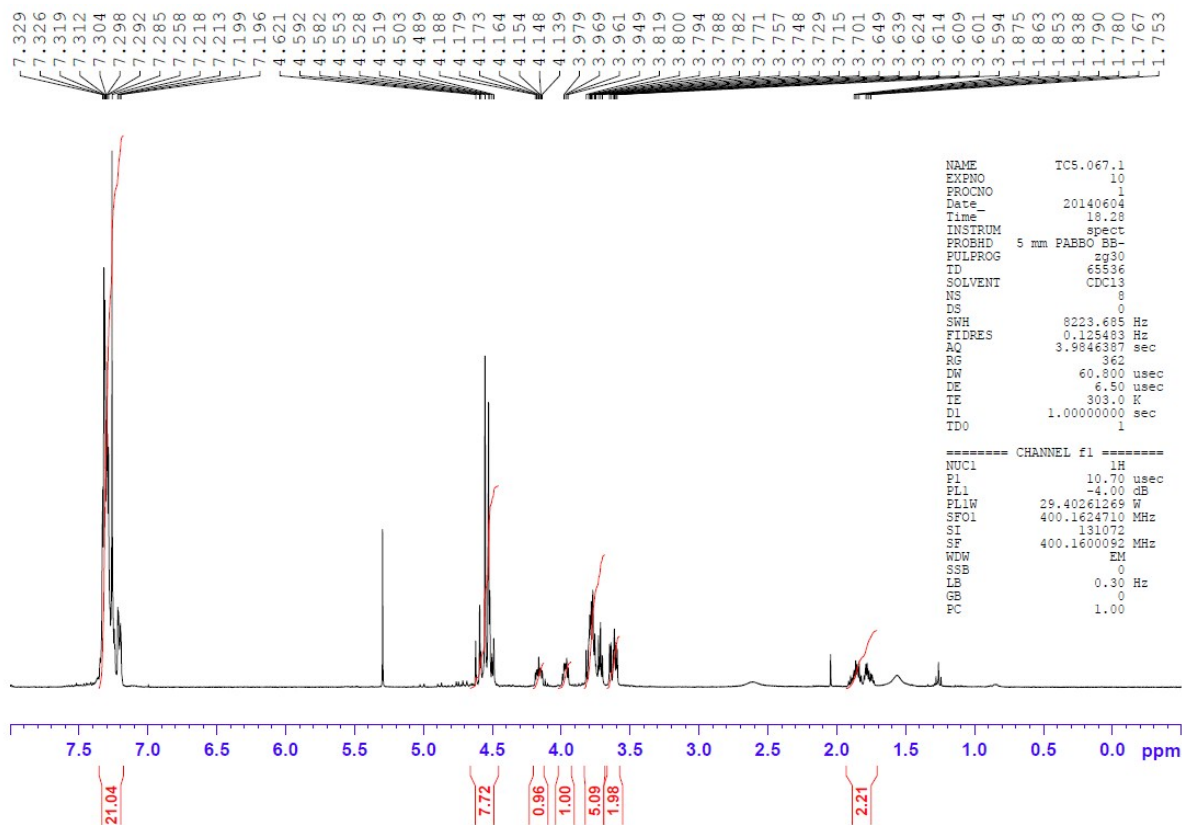
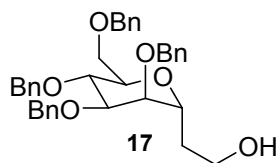
```

NAME      MC84-2
EXPNO     11
PROCNO    1
Date_     20140613
Time      4.30
INSTRUM   spect
PROBHD    5 mm FAPBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   MeOD
NS         4
DS         4
SWH        24038.461 Hz
FIDRES     0.366798 Hz
AQ         1.368188 sec
RG         912
DW         20.500 usec
DE         6.50 usec
TE         303.0 K
D1         2.00000000 sec
D11        0.02000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         9.60 usec
PL1        -4.00 dB
PLLW       55.32689499 W
SFO1       100.6201710 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC1       1H
PCPD2     100.00 usec
PL2        -4.00 dB
PL12       18.00 dB
PL13       17.00 dB
PLW        29.40261269 W
SFO1       0.27018694 W
PLW        0.22355925 W
SFO2       400.1616006 MHz
SI         131072
SF         100.6201710 MHz
WDW        EM
SSB        0
LB         2.00 Hz
GB         0
PC         1.40

```

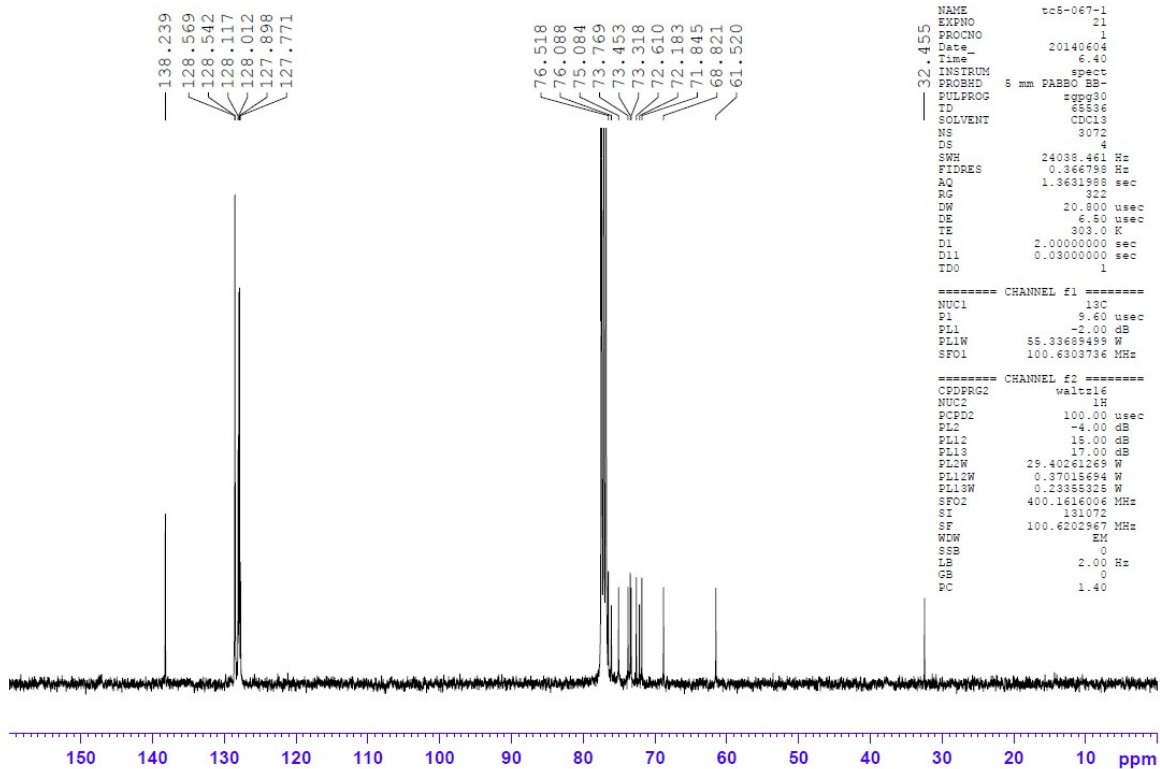


```

NAME      TCS-067-1
EXPNO     10
PROCNO    1
Date_     20140604
Time      18.28
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
ID        65536
SOLVENT   CDCl3
NS         8
DS         0
SWH       8223.685 Hz
FIDRES    0.125453 Hz
AQ        3.9846397 sec
RG        362
DW        60.800 usec
DE        6.50 usec
TE        303.0 K
D1        1.00000000 sec
TD0       1

===== CHANNEL f1 =====
NUC1      1H
P1        10.70 usec
PL1       -4.00 dB
PL1W      29.40261269 W
SF01      400.1624710 MHz
SI        131072
SF        400.1600092 MHz
WDW       EM
SSB       0
LB        0.30 Hz
GB        0
PC        1.00

```



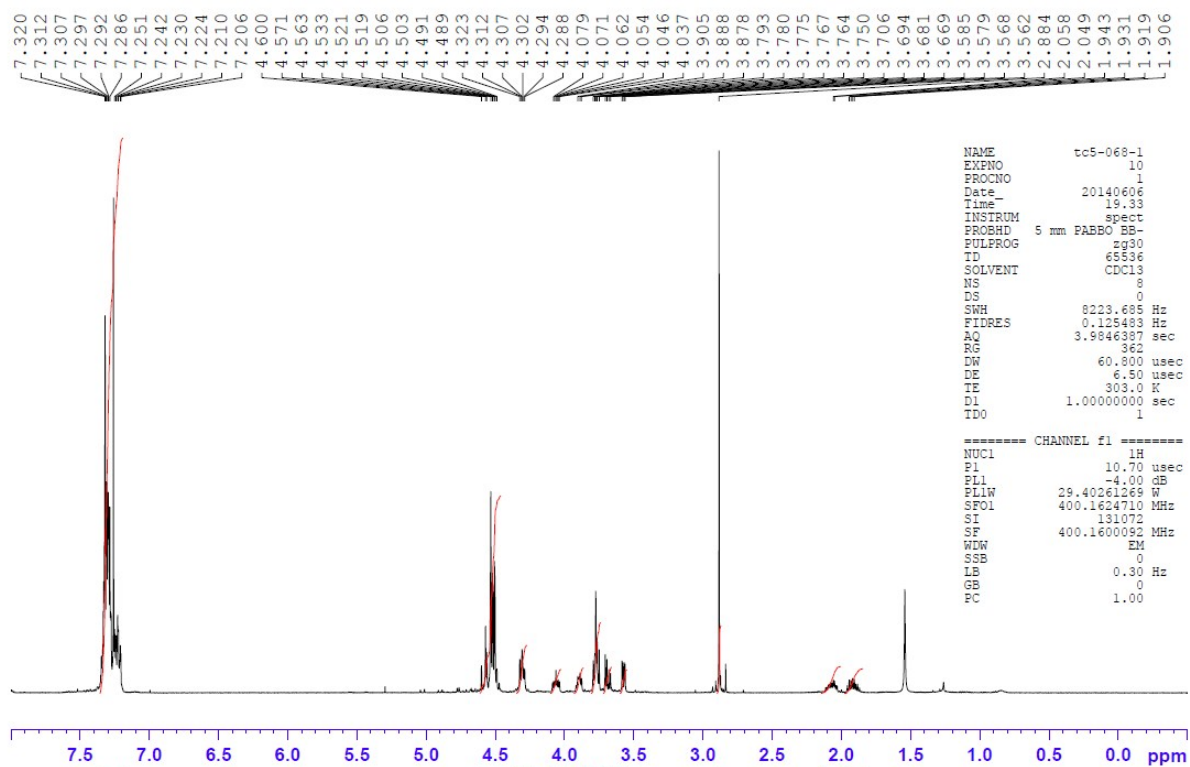
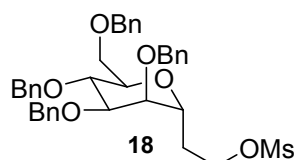
```

NAME      tcs-067-1
EXPNO     21
PROCNO    1
Date_     20140604
Time      6.40
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
ID        65536
SOLVENT   CDCl3
NS         4
DS         4
SWH       24038.461 Hz
FIDRES    0.366798 Hz
AQ        1.3631998 sec
RG        322
DW        20.800 usec
DE        6.50 usec
TE        303.0 K
D1        2.00000000 sec
D11       0.03000000 sec
TD0       1

===== CHANNEL f1 =====
NUC1      13C
P1        9.60 usec
PL1       -2.00 dB
PL1W      55.33689489 W
SF01      100.6303736 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
PCPD2     100.00 usec
PL2       -4.00 dB
PL12      15.00 dB
PL13      17.00 dB
PL12W     29.40261269 W
PL12W     0.37015694 W
PL13W     0.23355325 W
SF02      400.1616006 MHz
SI        131072
SF        100.6202967 MHz
WDW       EM
SSB       0
LB        2.00 Hz
GB        0
PC        1.40

```

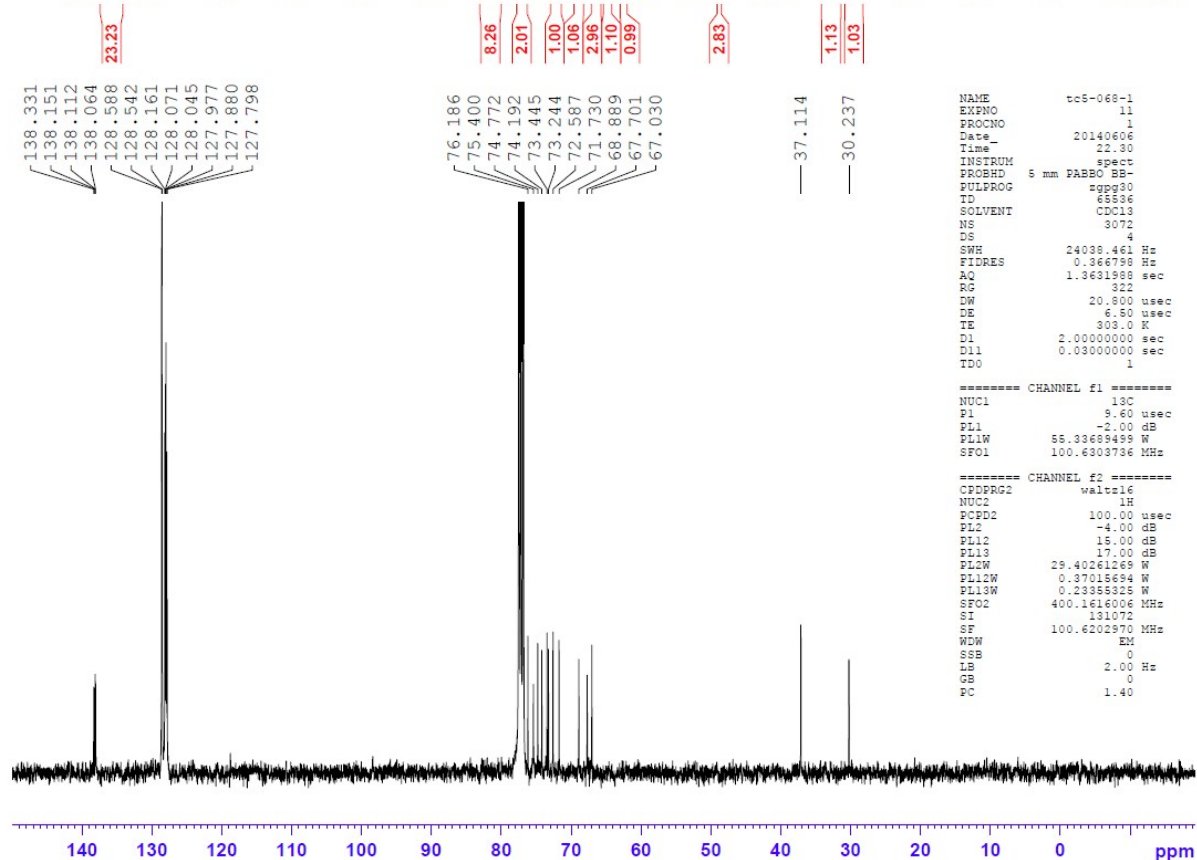


```

NAME      tc5-068-1
EXPNO     10
PROCNO    1
Date_     20140606
Time      19.33
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD         65536
SOLVENT   CDCl3
NS         8
DS         0
SWH        8223.685 Hz
FIDRES     0.125483 Hz
AQ         3.9846387 sec
RG         382
DW         60.800 usec
DE         6.50 usec
TE         303.0 K
D1         1.00000000 sec
D10        1
  
```

```

===== CHANNEL f1 =====
NUC1      1H
P1         10.70 usec
PL1        -4.00 dB
PL1W       29.40261269 W
SFO1       400.1624710 MHz
SI         131072
SF         400.1600092 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00
  
```



```

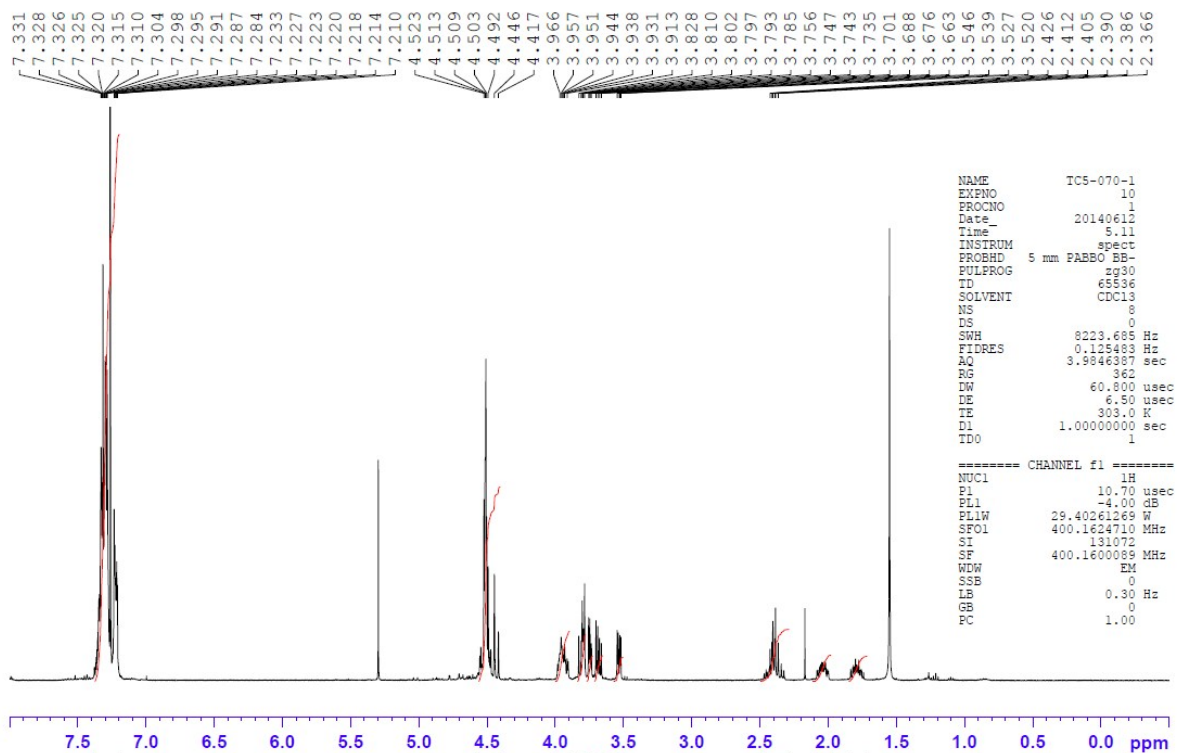
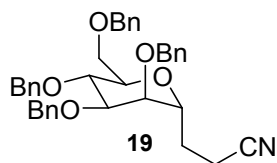
NAME      tc5-068-1
EXPNO     11
PROCNO    1
Date_     20140606
Time      22.30
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         4
DS         4
SWH        24038.461 Hz
FIDRES     0.366798 Hz
AQ         1.3631988 sec
RG         322
DW         20.800 usec
DE         6.50 usec
TE         303.0 K
D1         2.00000000 sec
D11        0.03000000 sec
D10        1
  
```

```

===== CHANNEL f1 =====
NUC1      13C
P1         9.60 usec
PL1        -2.00 dB
PL1W       55.33689499 W
SFO1       100.6303736 MHz
  
```

```

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
PCPD2     100.00 usec
PL2        -4.00 dB
PL12       15.00 dB
PL13       17.00 dB
PL1W       29.40261269 W
PL12W      0.37018694 W
PL13W      0.23355335 W
SFO2       400.1616006 MHz
SI         131072
SF         100.6202870 MHz
WDW        EM
SSB        0
LB         2.00 Hz
GB         0
PC         1.40
  
```



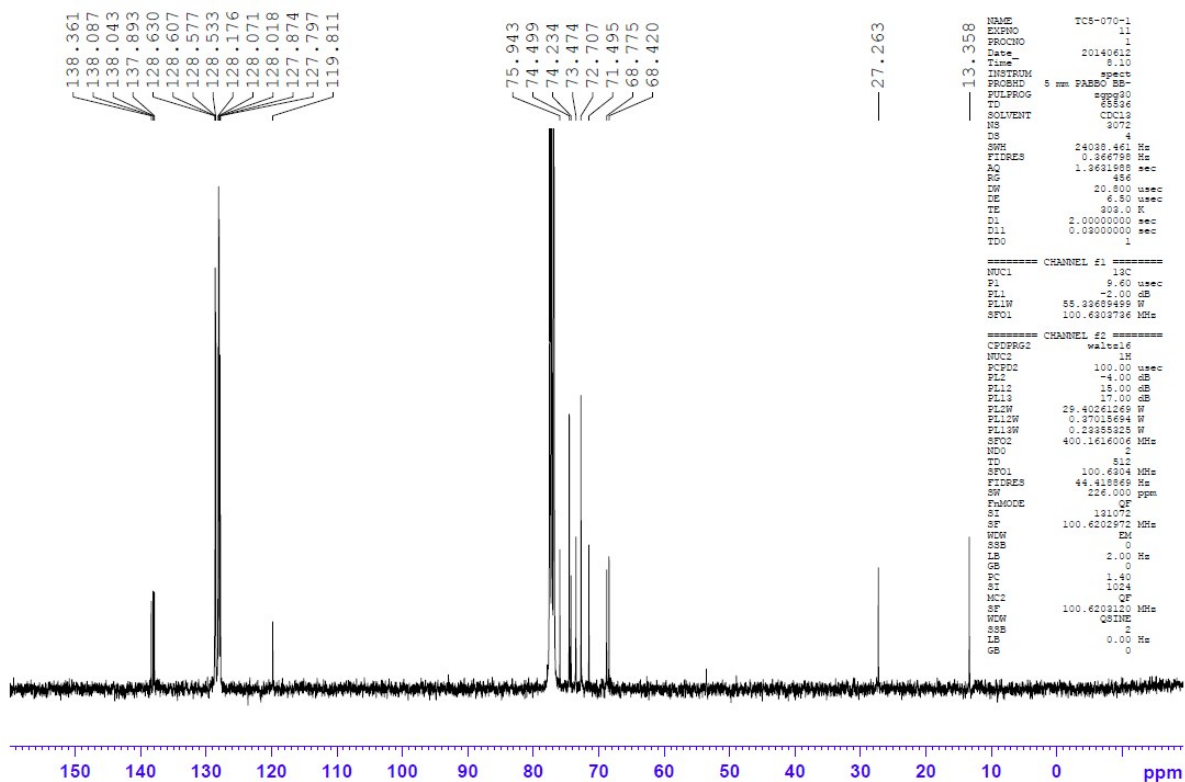
```

NAME      TCS-070-1
EXPNO     1
PROCNO    1
Date_     20140612
Time      5.11
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD         65536
SOLVENT   CDCl3
NS         8
DS         0
SWH        8223.685 Hz
FIDRES     0.125483 Hz
AQ         3.9846387 sec
RG         362
RG         362
DE         60.800 usec
TE         303.0 K
D1         1.00000000 sec
TD0        1
  
```

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

```

NUC1       1H
P1         10.70 usec
PL1        -4.00 dB
PL1W       29.40261269 W
SFO1       400.1424710 MHz
SI         131072
SF         400.1600089 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00
  
```



```

NAME      TCS-070-1
EXPNO     1
PROCNO    1
Date_     20140612
Time      8.10
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         4
DS         0
SWH        24088.461 Hz
FIDRES     0.346798 Hz
RG         1.3621985 sec
RG         456
DE         20.800 usec
TE         303.0 K
D1         1.00000000 sec
D11        0.03000000 sec
TD0        1
  
```

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

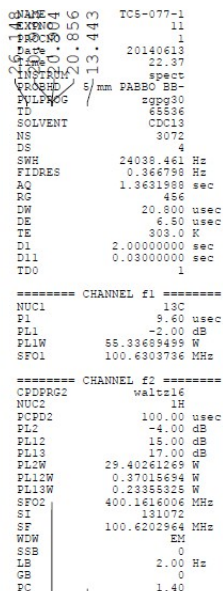
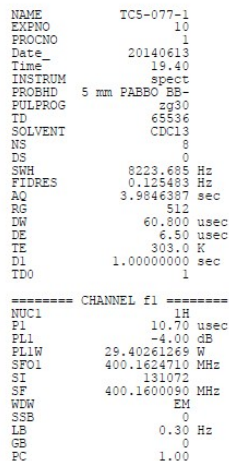
```

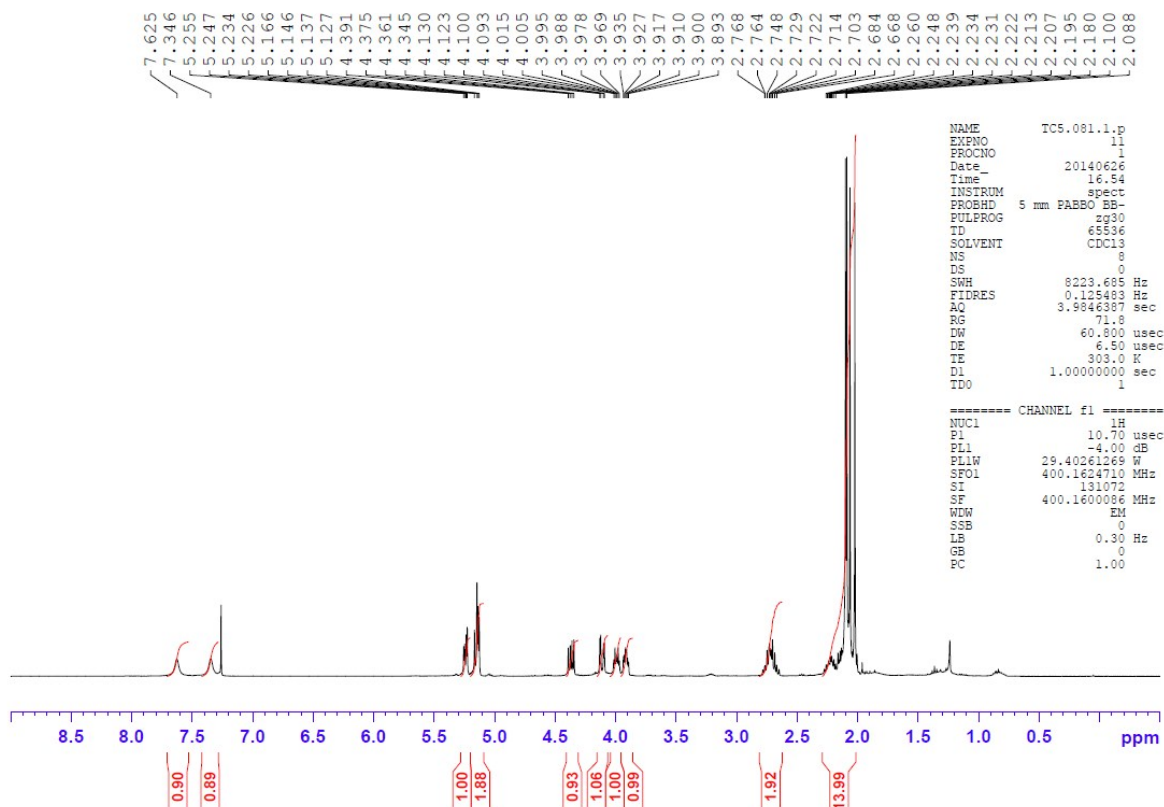
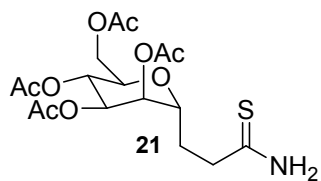
NUC1       13C
P1         9.60 usec
PL1        -2.00 dB
PL1W       55.93659499 W
SFO1       100.6201272 MHz
  
```

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

```

CPDPRG2   waltz16
NUC2       1H
PCPD2     100.00 usec
PL2        4.00 dB
PL12       15.00 dB
PL13       27.00 dB
PL1W       29.40261269 W
PL12W      0.27015694 W
PL13W      0.23855328 W
SFO2       400.1424710 MHz
ND0        2
TD         812
SFO1       100.6201272 MHz
FIDRES     44.418869 Hz
SW         226.000 ppm
F2MODE     QF
SI         131072
SF         100.6201272 MHz
WDW        EM
SSB        0
LB         2.00 Hz
PC         1.40
SI         1024
MC2        QF
SF         100.6201210 MHz
WDW        G3
SSB        2
LB         0.00 Hz
GB         0
  
```



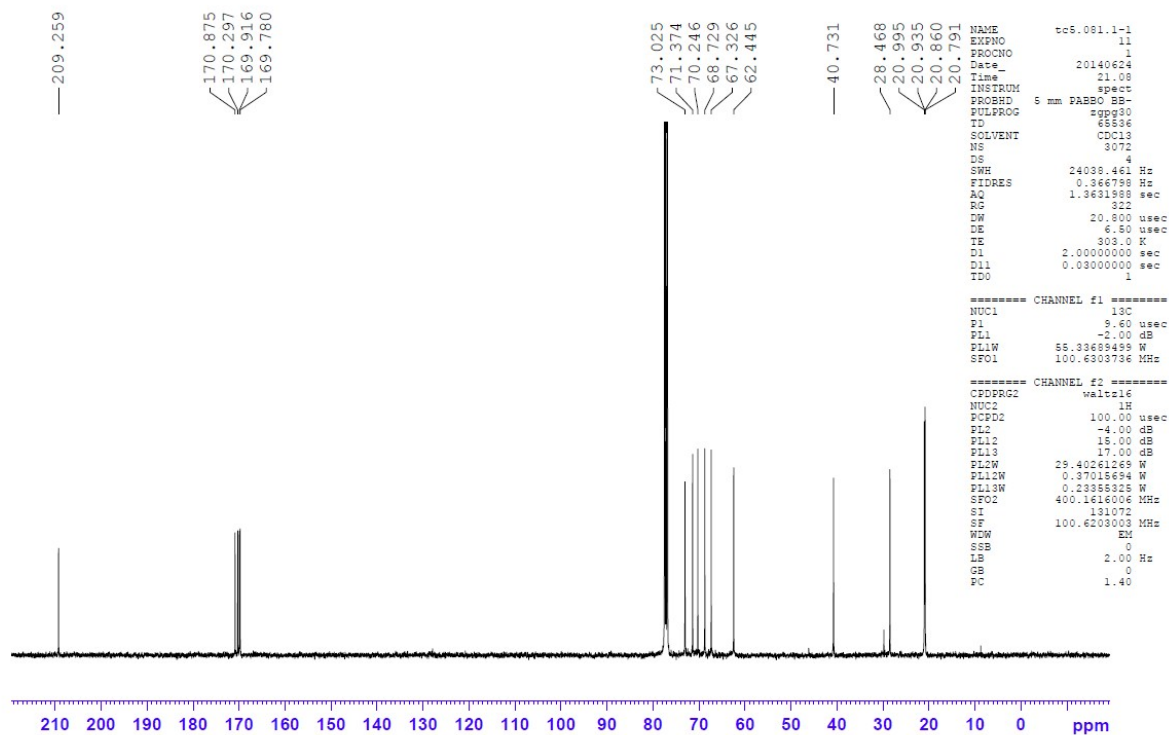


```

NAME      TC5.081.1.p
EXPNO     11
PROCNO    1
Date_     20140626
Time      16.54
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD         65536
SOLVENT   CDCl3
NS         8
DS         0
SWH        8223.685 Hz
FIDRES     0.125483 Hz
AQ         3.9846387 sec
RG         7.8
DW         60.800 usec
DE         6.50 usec
TE         303.0 K
D1         1.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         10.70 usec
PL1        -4.00 dB
PL1W       29.40261269 W
SFO1       400.1624710 MHz
SI         131072
SF         400.1600006 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00

```



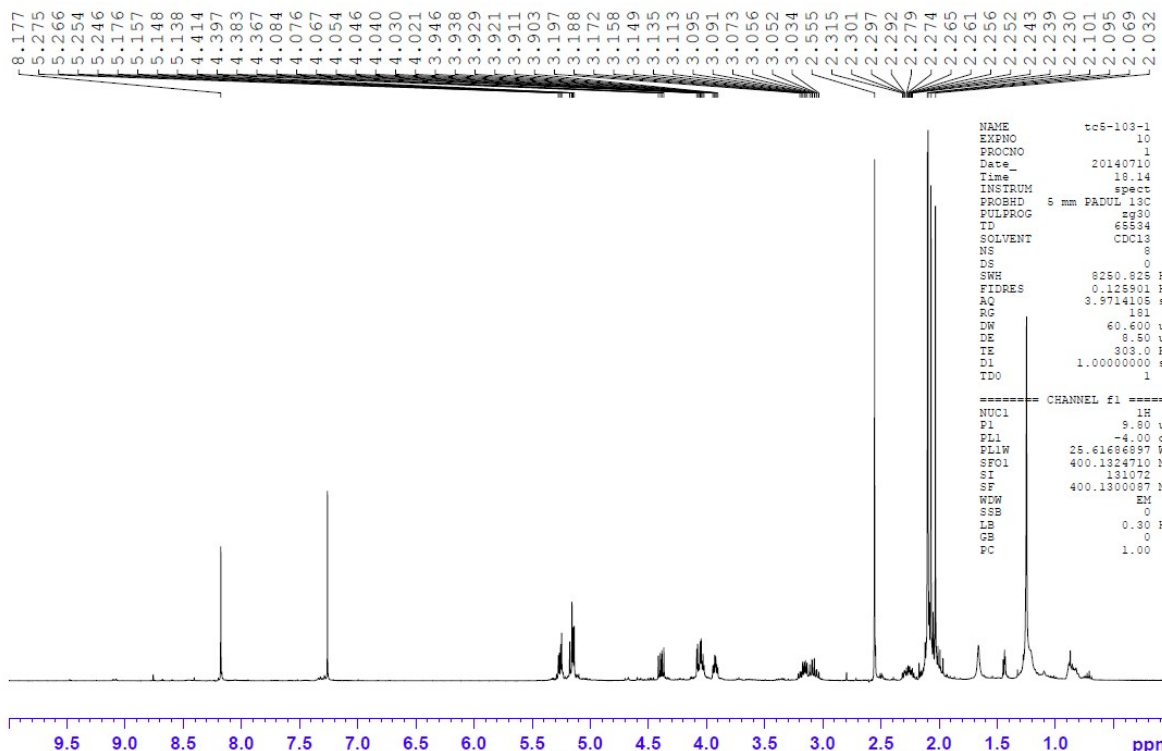
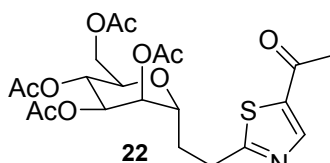
```

NAME      tc5.081.1-1
EXPNO     11
PROCNO    1
Date_     20140624
Time      21.08
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         3072
DS         4
SWH        24038.461 Hz
FIDRES     0.3667988 Hz
AQ         1.3631988 sec
RG         322
DW         20.800 usec
DE         6.50 usec
TE         303.0 K
D1         2.00000000 sec
D11        0.03000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         9.60 usec
PL1        -2.00 dB
PL1W       55.33689499 W
SFO1       100.6303736 MHz

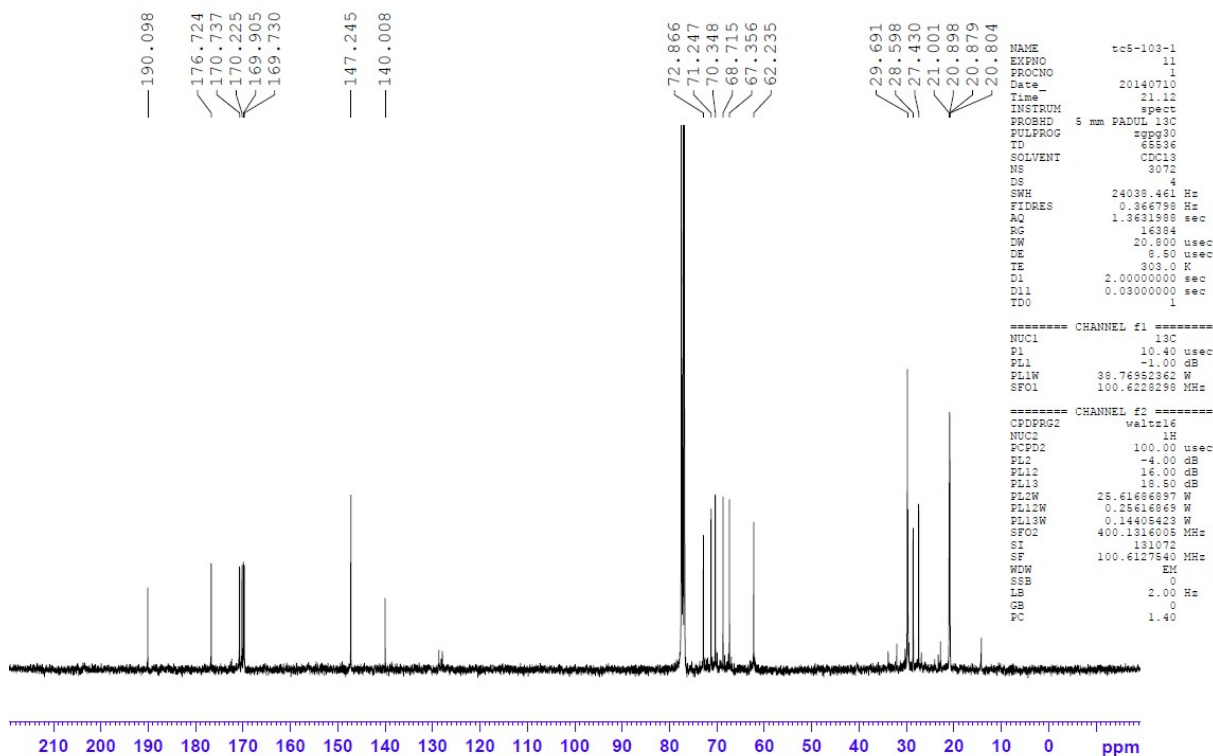
===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
PCPD2     100.00 usec
PL2       -4.00 dB
PL2W      18.00 dB
PL13      17.00 dB
PL2W      29.40261269 W
PL13W     0.37018694 W
PL13W     0.2398925 W
SFO2      400.1616006 MHz
SI         131072
SF         100.6203003 MHz
WDW        EM
SSB        0
LB         2.00 Hz
GB         0
PC         1.40

```



NAME tc5-103-1
EXPNO 10
PROCNO 1
Date 20140710
Time 18.14
INSTRUM spect
PROBHD 5 mm PADUL 13C
PULPROG zg30
TD 65534
SOLVENT CDCl3
NS 8
DS 0
SWH 8250.825 Hz
FIDRES 0.125901 Hz
AQ 3.9714105 sec
RG 181
DW 60.600 usec
DE 8.50 usec
TE 303.0 K
D1 1.00000000 sec
TD0 1

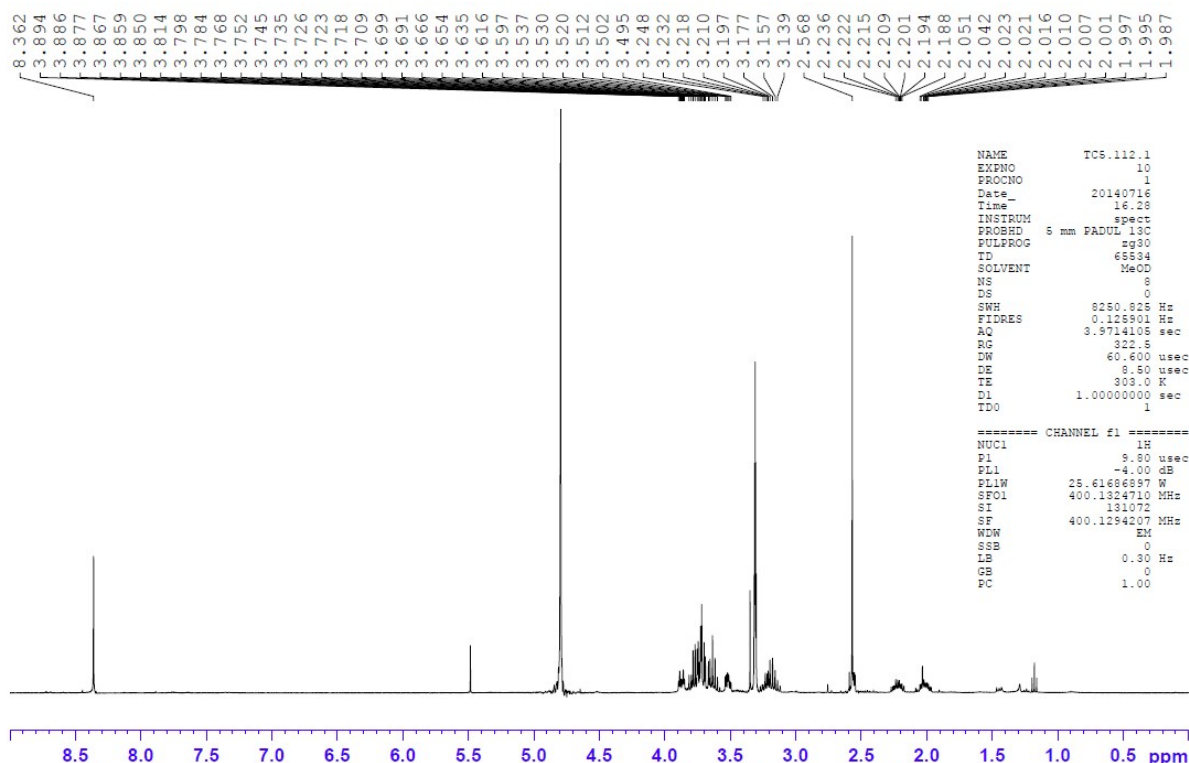
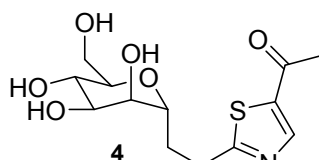
===== CHANNEL f1 =====
NUC1 13C
P1 9.80 usec
PL1 -4.00 dB
PL1W 25.61686897 W
SF01 400.1324710 MHz
SI 131072
SF 400.1300087 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



NAME tc5-103-1
EXPNO 11
PROCNO 1
Date 20140710
Time 21.12
INSTRUM spect
PROBHD 5 mm PADUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 3072
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3681988 sec
RG 16384
DW 20.800 usec
DE 8.50 usec
TE 303.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.40 usec
PL1 -1.00 dB
PL1W 38.76952362 W
SF01 100.6228258 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -4.00 dB
PL12 16.00 dB
PL13 18.50 dB
PL2W 28.61686897 W
PL12W 0.25616868 W
PL13W 0.14405423 W
SF02 400.1316008 MHz
SI 131072
SF 100.6127540 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.40

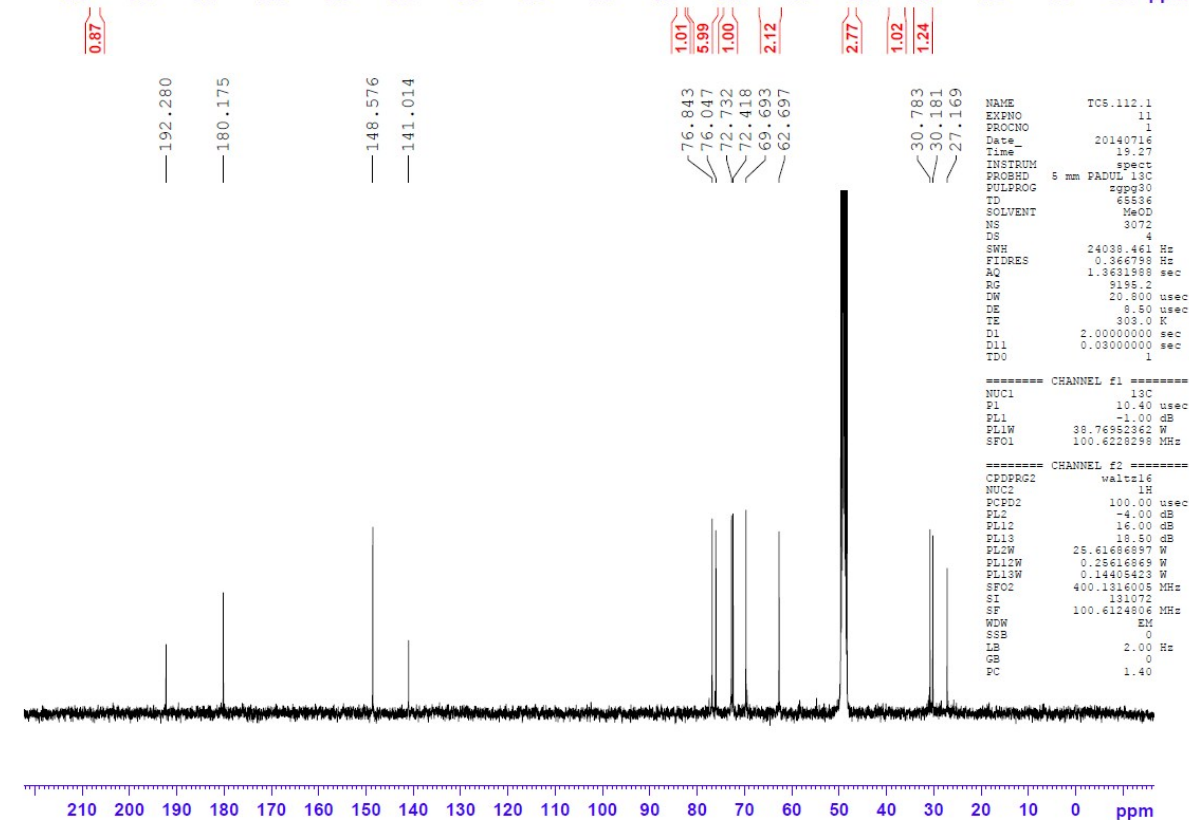


```

NAME      TCS.112.1
EXPNO     10
PROCNO    1
Date_     20140716
Time      16.28
INSTRUM   spect
PROBHD    5 mm PABUL 13C
PULPROG   zgpg30
TD         65534
SOLVENT   MeOD
NS         8
DS         0
SWH        8250.825 Hz
FIDRES     0.125901 Hz
AQ         3.9714105 sec
RG         322.5
DW         60.600 usec
DE         8.50 usec
TE         303.0 K
D1         1.00000000 sec
D11        1
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         9.80 usec
PL1        -4.00 dB
PL1W       25.61666997 W
SFO1       400.1324710 MHz
SI         131072
SF         400.1294207 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00

```



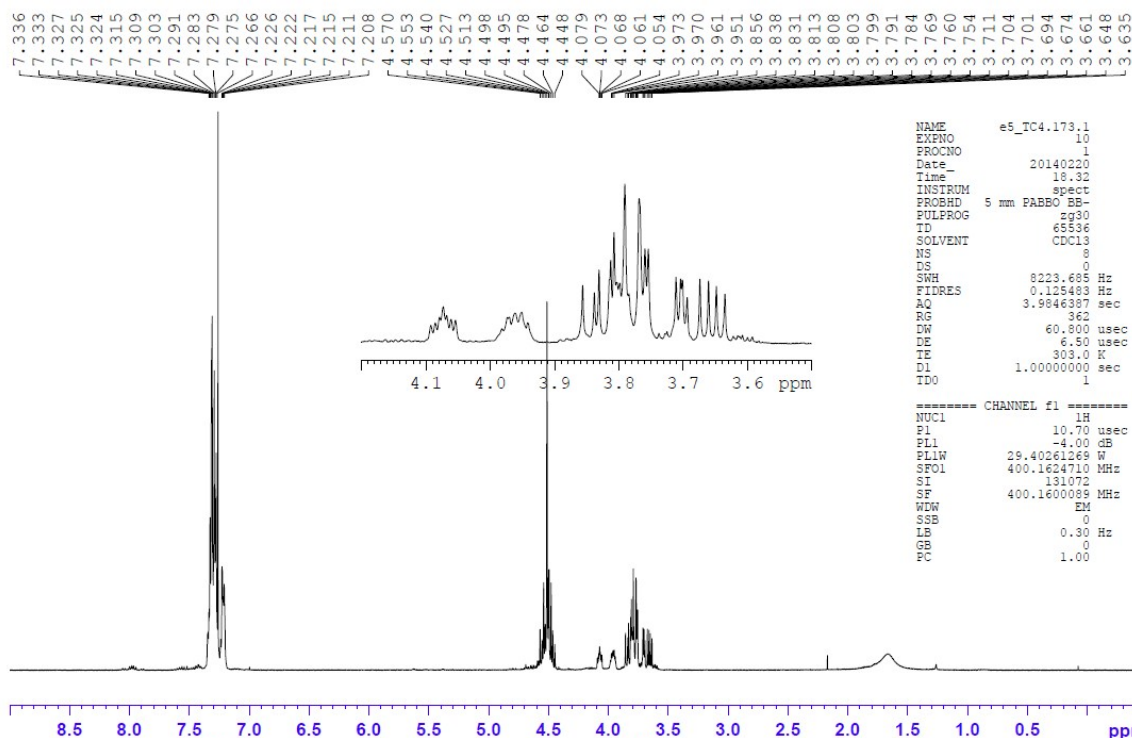
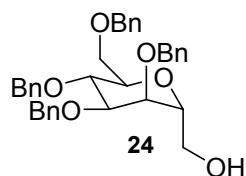
```

NAME      TCS.112.1
EXPNO     11
PROCNO    1
Date_     20140716
Time      19.27
INSTRUM   spect
PROBHD    5 mm PABUL 13C
PULPROG   zgpg30
TD         65536
SOLVENT   MeOD
NS         4
DS         4
SWH        24038.461 Hz
FIDRES     0.366798 Hz
AQ         1.3691988 sec
RG         9195.2
DW         20.800 usec
DE         8.50 usec
TE         303.0 K
D1         2.00000000 sec
D11        0.03000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         10.40 usec
PL1        -1.00 dB
PL1W       38.76952362 W
SFO1       100.6228298 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
PCPD2     100.00 usec
PL2        -4.00 dB
PL2W       16.00 dB
PL13       18.50 dB
PL2W       25.61666997 W
PL12W      0.25616669 W
PL13W      0.18403843 W
SFO2       400.1316005 MHz
SI         131072
SF         100.6124806 MHz
WDW        EM
SSB        0
LB         2.00 Hz
GB         0
PC         1.40

```

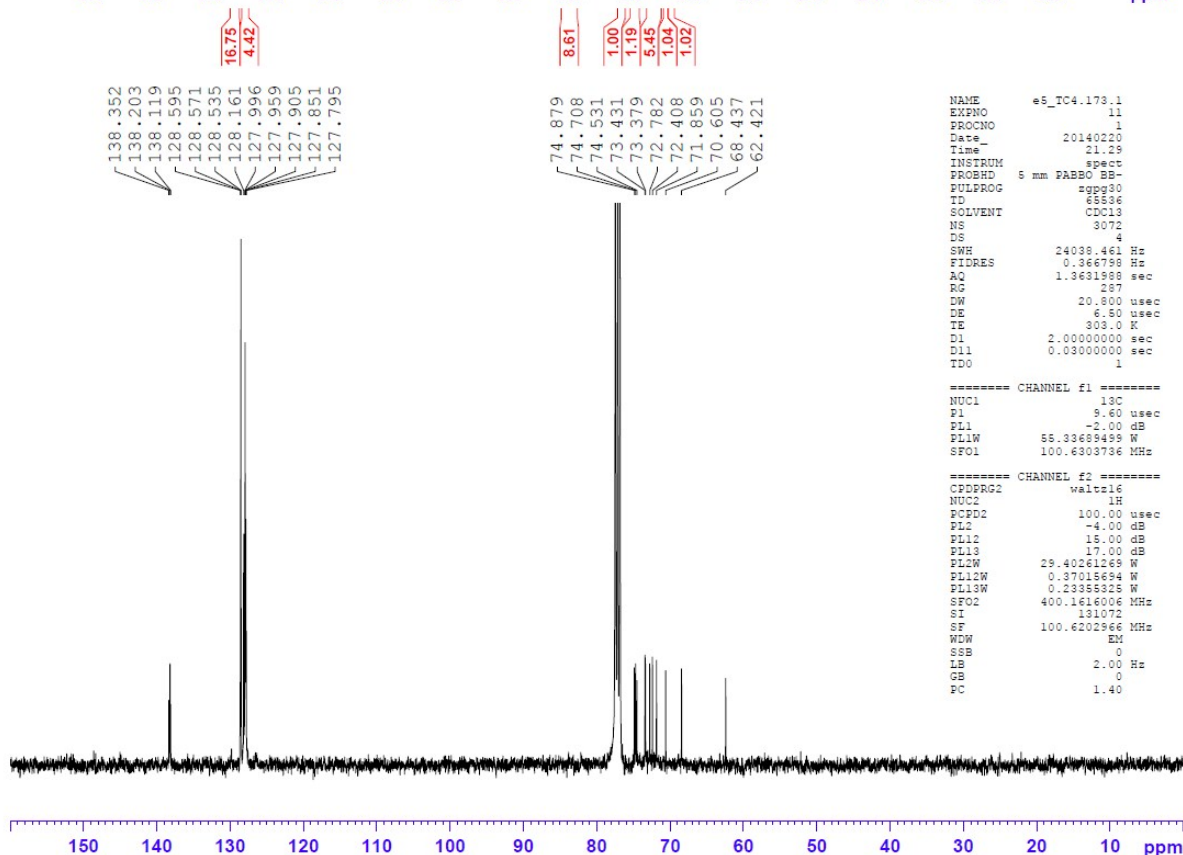


```

NAME      e5_TC4.173.1
EXPNO     10
PROCNO    1
Date_     20140220
Time      18.32
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD         65536
SOLVENT   CDCl3
NS         8
DS         0
SWH        8223.685 Hz
FIDRES     0.125483 Hz
AQ         3.9846387 sec
RG         362
DW         60.800 usec
DE         6.50 usec
TE         303.0 K
D1         1.00000000 sec
D11        1
TD0        1
  
```

```

===== CHANNEL f1 =====
NUC1      1H
P1         10.70 usec
PL1        -4.00 dB
PL1W       29.40261269 W
SFO1       400.1624710 MHz
SI         131072
SF         400.1600089 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00
  
```



```

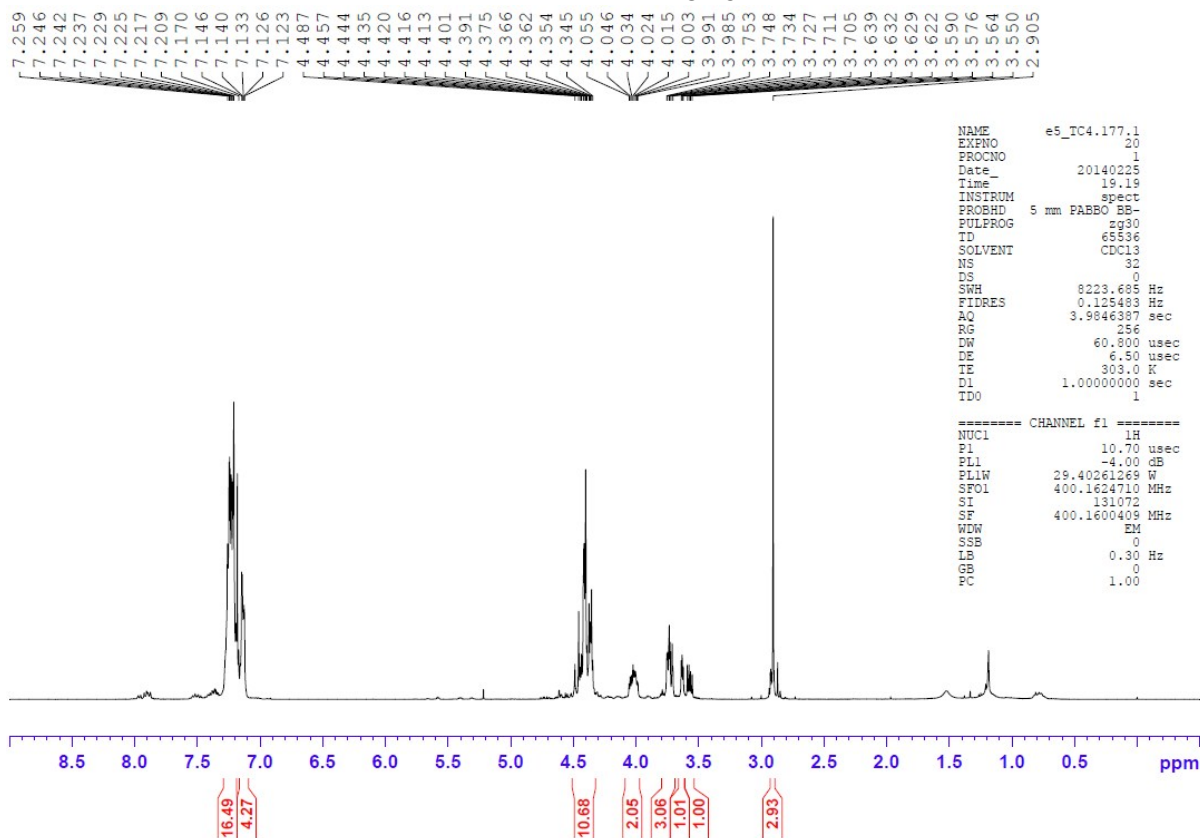
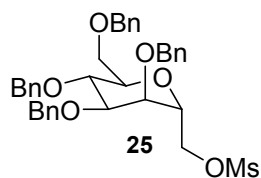
NAME      e5_TC4.173.1
EXPNO     11
PROCNO    1
Date_     20140220
Time      21.29
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         4
DS         4
SWH        24038.461 Hz
FIDRES     0.366798 Hz
AQ         1.3631988 sec
RG         287
DW         20.800 usec
DE         6.50 usec
TE         303.0 K
D1         2.00000000 sec
D11        0.03000000 sec
TD0        1
  
```

```

===== CHANNEL f1 =====
NUC1      13C
P1         9.60 usec
PL1        -2.00 dB
PL1W       55.33689499 W
SFO1       100.6303736 MHz
  
```

```

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
PCPD2      100.00 usec
PL2        -4.00 dB
PL12       15.00 dB
PL13       17.00 dB
PL12W      29.40261269 W
PL12W      0.37015694 W
PL13W      0.23355325 W
SFO2       400.1616006 MHz
SI         131072
SF         100.6202966 MHz
WDW        EM
SSB        0
LB         2.00 Hz
GB         0
PC         1.40
  
```

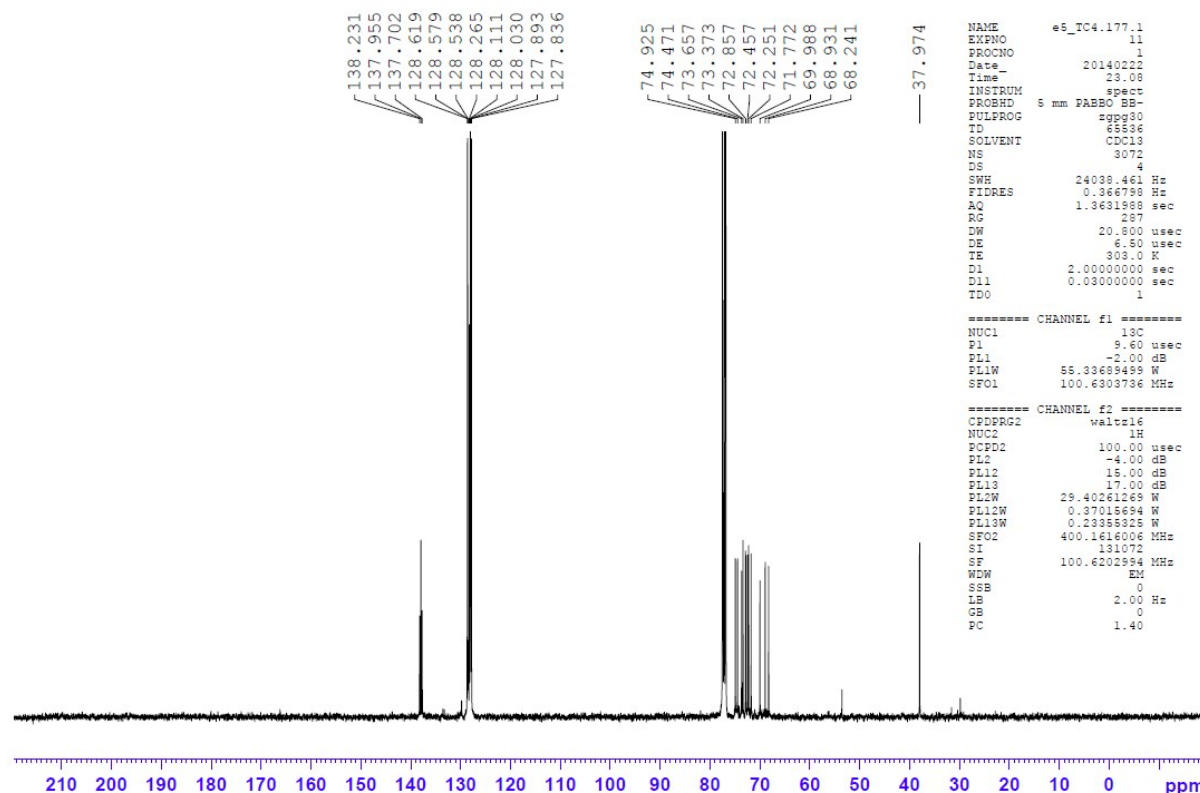


```

NAME      e5_TC4.177.1
EXPNO    20
PROCNO    1
Date_     20140225
Time      19.13
INSTRUM    spect
PROBHD     5 mm PABBO BB-
PULPROG    zg30
TD         65536
SOLVENT    CDCl3
NS         32
DS         0
SWH        8223.685 Hz
FIDRES     0.125483 Hz
AQ         3.9846387 sec
RG         256
DW         60.800 usec
DE         6.50 usec
TE         303.0 K
D1         1.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         10.70 usec
PL1        -4.00 dB
PL1W       29.40261269 W
SFO1       400.162410 MHz
SI         131072
SF         400.1600409 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00

```



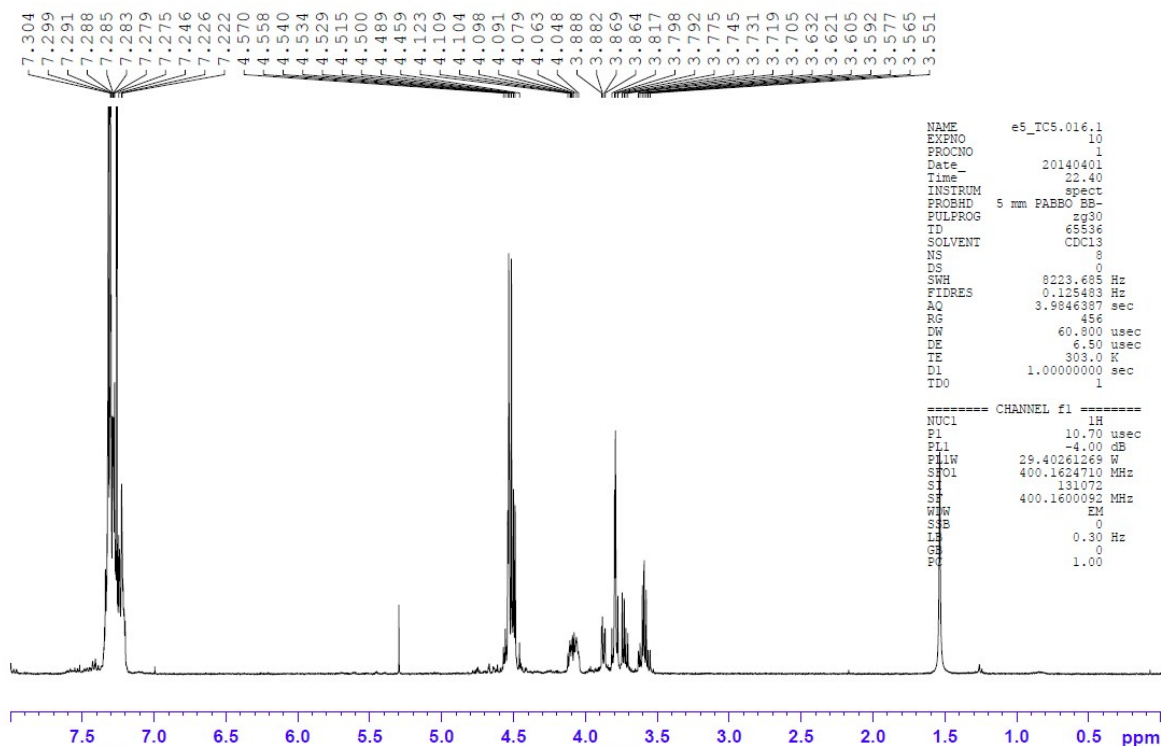
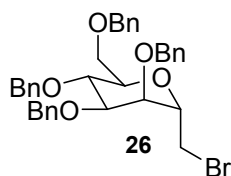
```

NAME      e5_TC4.177.1
EXPNO    11
PROCNO    1
Date_     20140222
Time      23.08
INSTRUM    spect
PROBHD     5 mm PABBO BB-
PULPROG    zgpg30
TD         65536
SOLVENT    CDCl3
NS         3072
DS         4
SWH        24038.461 Hz
FIDRES     0.366798 Hz
AQ         1.3631988 sec
RG         287
DW         20.800 usec
DE         6.50 usec
TE         303.0 K
D1         2.00000000 sec
D11        0.03000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         9.60 usec
PL1        -2.00 dB
PL1W       55.33689499 W
SFO1       100.6303736 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       1H
PCPD2      100.00 usec
PL2        -4.00 dB
PL12       15.00 dB
PL13       17.00 dB
PL2W       29.40261269 W
PL12W      0.37015684 W
PL13W      0.23358325 W
SFO2       400.1616006 MHz
SI         131072
SF         100.6202994 MHz
WDW        EM
SSB        0
LB         2.00 Hz
GB         0
PC         1.40

```

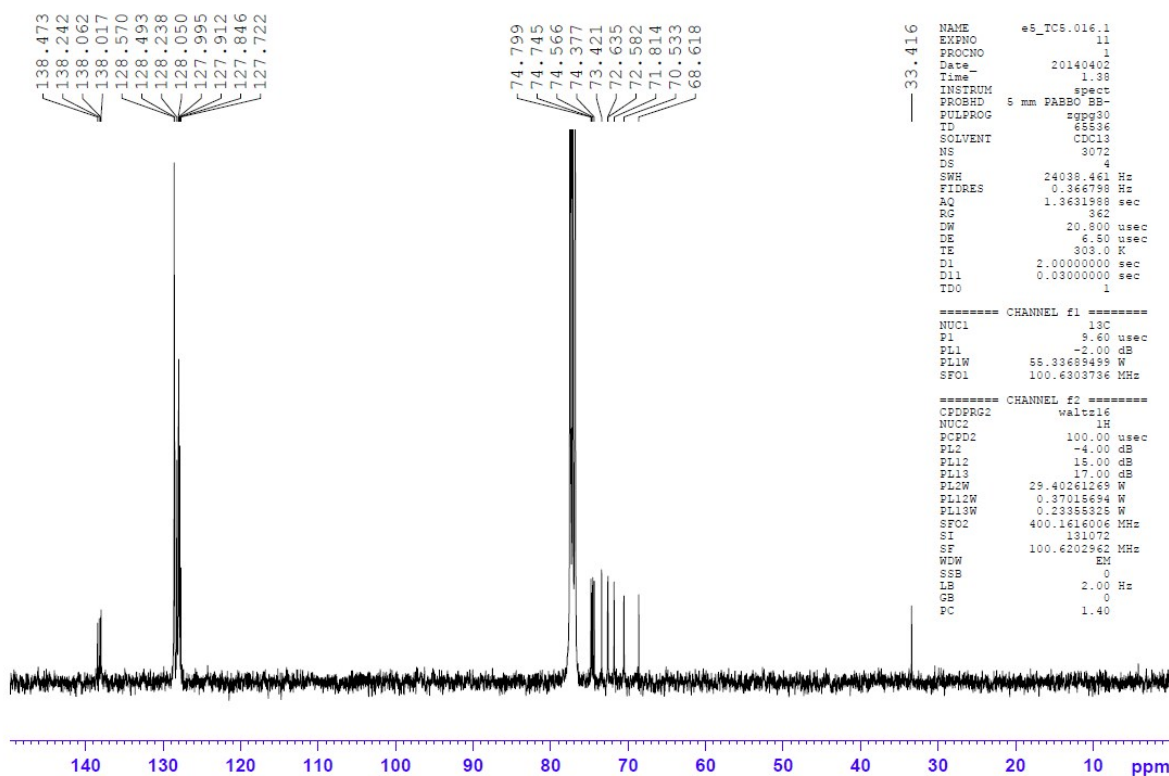


```

NAME      e5_TC5.016.1
EXPNO     10
PROCNO    1
Date_     20140401
Time      22.40
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD         65536
SOLVENT   CDCl3
NS         8
DS         0
SWH        8223.655 Hz
FIDRES     0.125493 Hz
AQ         3.9846387 sec
RG         456
DW         60.800 usec
DE         6.50 usec
TE         303.0 K
D1         1.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1      1H
P1         10.70 usec
PL1        -4.00 dB
PL1W       28.40261269 W
SFO1      400.1624710 MHz
SI         131072
SF         400.1600092 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00

```



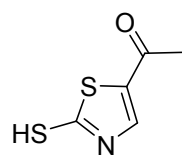
```

NAME      e5_TC5.016.1
EXPNO     11
PROCNO    1
Date_     20140401
Time      1.38
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         4
DS         0
SWH        24039.461 Hz
FIDRES     0.366798 Hz
AQ         1.3631988 sec
RG         362
DW         20.800 usec
DE         6.50 usec
TE         303.0 K
D1         2.00000000 sec
D11        0.03000000 sec
TD0        1

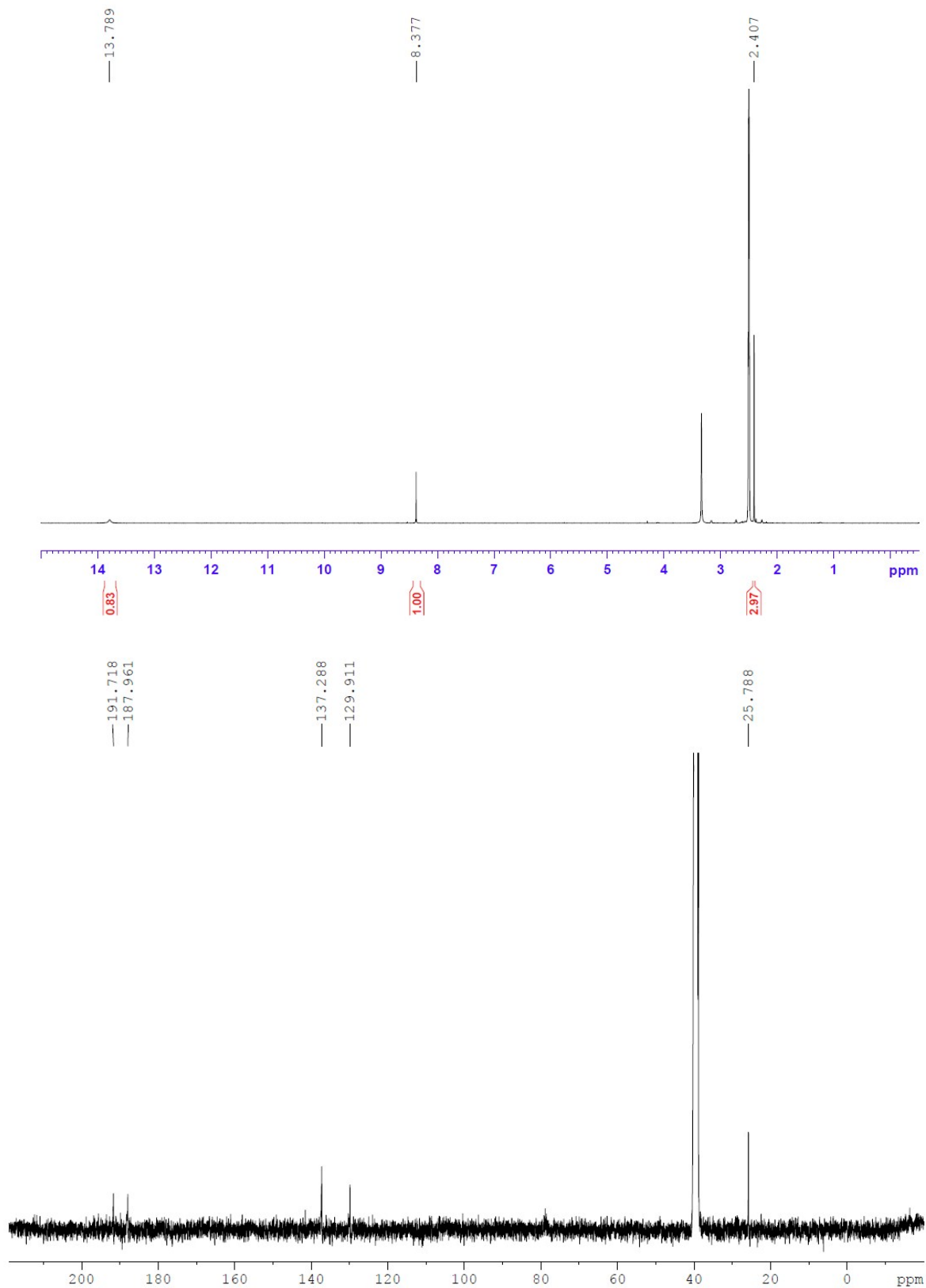
===== CHANNEL f1 =====
NUC1      13C
P1         9.60 usec
PL1        -2.00 dB
PL1W       55.33689499 W
SFO1      100.6303736 MHz

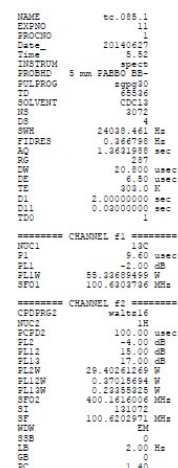
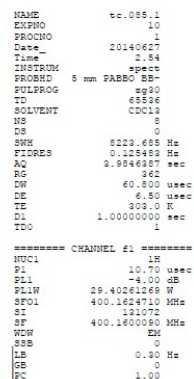
===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
PCPD2     100.00 usec
PL2        -4.00 dB
PL12       15.00 dB
PL13       17.00 dB
PL1W       28.40261269 W
PL12W     0.37015694 W
PL13W     0.23855325 W
SFO2      400.1616006 MHz
SI         131072
SF         100.6202962 MHz
WDW        EM
SSB        0
LB         2.00 Hz
GB         0
PC         1.40

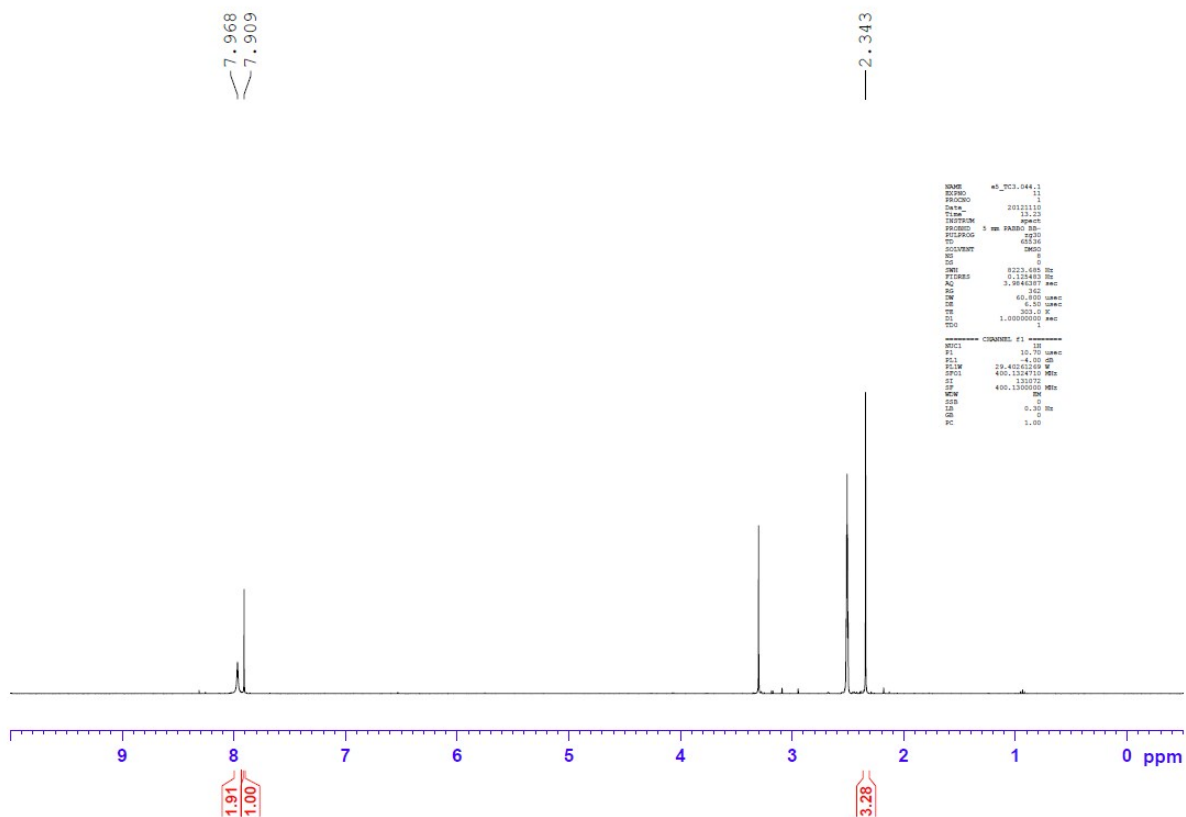
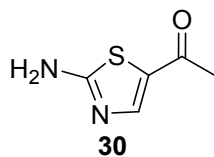
```



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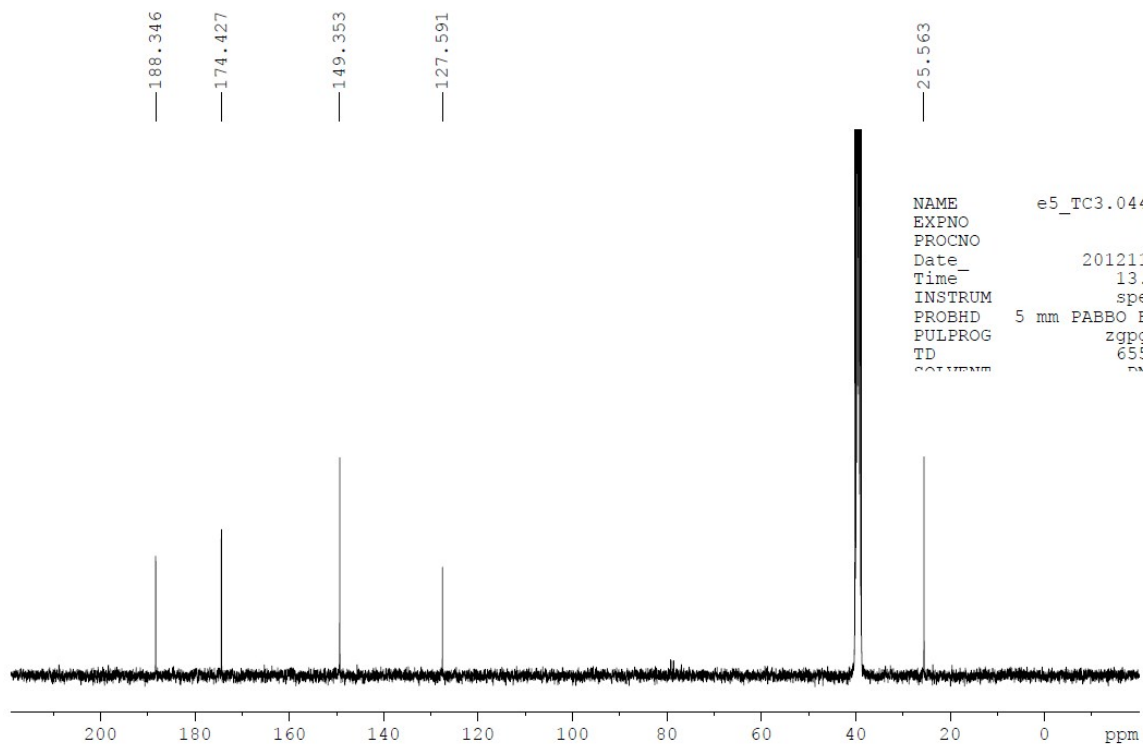






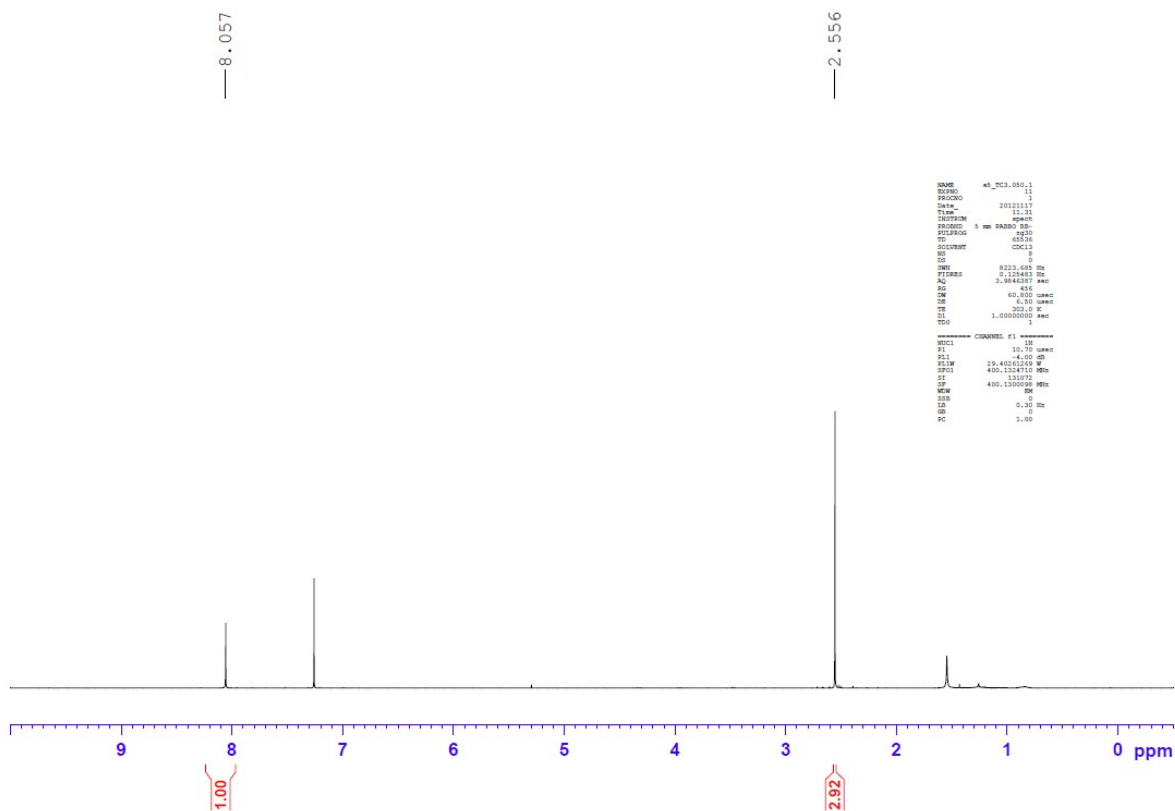
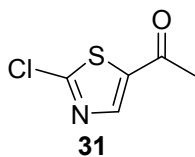
```

NAME      e5_TC3.044.1
EXPNO      1
PROCNO     1
Date_      20121110
Time       13.21
INSTRUM    spect
PROBHD     5 mm PABBO BB-
PULPROG    zgpg30
TD         65536
SOLVENT    DMSO
NS         8
DS         4
SWH         8223.485 Hz
FIDRES      0.124450 Hz
AQ          3.5846287 sec
RG          362
INJ         60.000 sec
DE          6.50 sec
TE          300.0 K
D1          1.0000000 sec
D11         0.00
D12         0.30
D13         0.00
PC          1.00
  
```



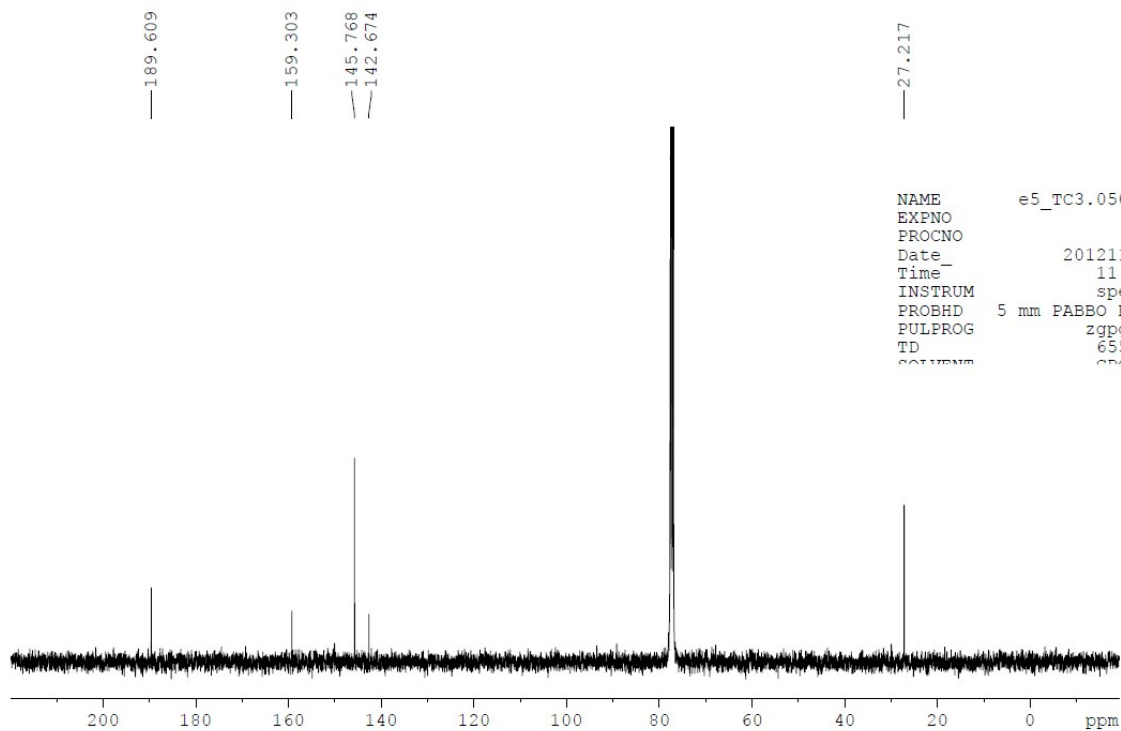
```

NAME      e5_TC3.044.1
EXPNO      10
PROCNO     1
Date_      20121110
Time       13.21
INSTRUM    spect
PROBHD     5 mm PABBO BB-
PULPROG    zgpg30
TD         65536
SOLVENT    DMSO
  
```



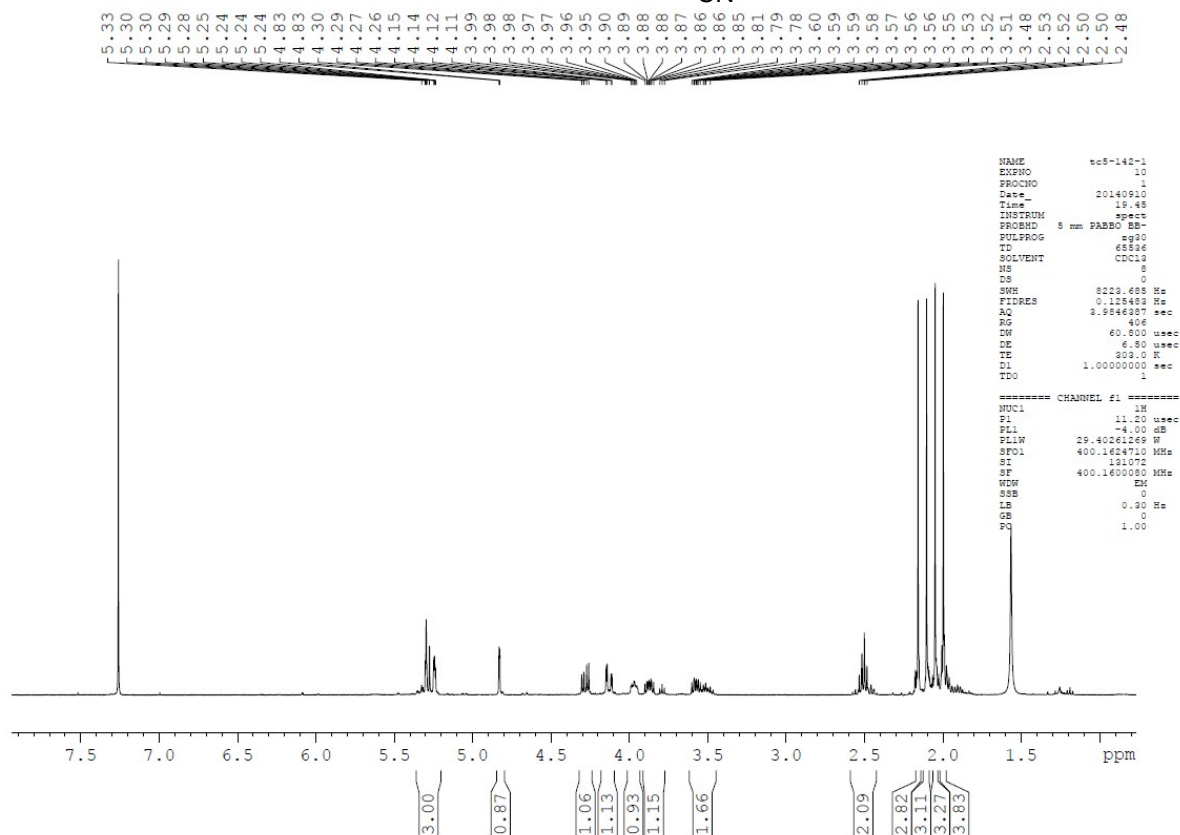
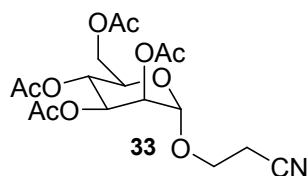
```

NAME      e5_TC3.050.1
EXPNO     11
PROCNO    1
Date_     20121117
Time      11.31
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         8192
DS         4
SWH        8223.485 Hz
FIDRES     0.121483 Hz
AQ         3.264477 sec
RG         4096
SQ         60.800 uMVC
SR         6.50 uMVC
ST         302.0 K
DT         1.00000000 sec
RO         1
===== CHANNEL f1 =====
NUC1       13C
P1         10.70 uMVC
PC1        4.00 dB
PL1W       19.42261209 W
PL1F       400.1254710 MHz
SI         13207.72
SF         400.1300026 MHz
WDW         RM
SSB         0
LB         0.00 Hz
GB         0
PC         1.00
  
```



```

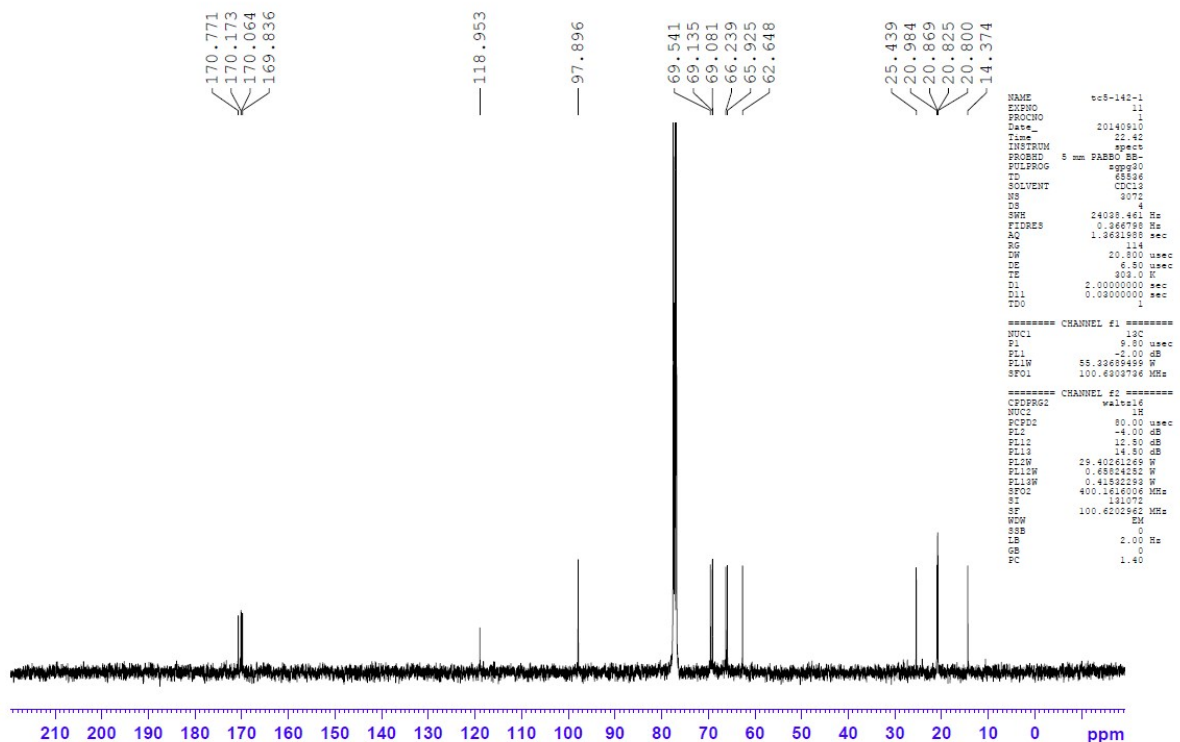
NAME      e5_TC3.050.1
EXPNO     10
PROCNO    1
Date_     20121117
Time      11.30
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
  
```



```

NAME      tc8-142-1
EXPNO     10
PROCNO    1
Date_     20140910
Time      19.48
INSTRUM   spect
PROBHD    5 mm F400 BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         8
DS         0
SWH        3223.685 Hz
FIDRES     0.125483 Hz
AQ         3.9546387 sec
RG         406
DN         60.800 usec
TE         303.2 K
DE         1.00000000 sec
DL         1.00000000 sec
TDO        1
===== CHANNEL f1 =====
NUC1       1H
P1         11.20 usec
PL1        -4.00 dB
PL12       29.40261269 W
SF01       400.1624710 MHz
SI         131072
SF         400.1600000 MHz
WDW        EM
SSB         0
LB         0.90 Hz
GB         0
PC         1.00

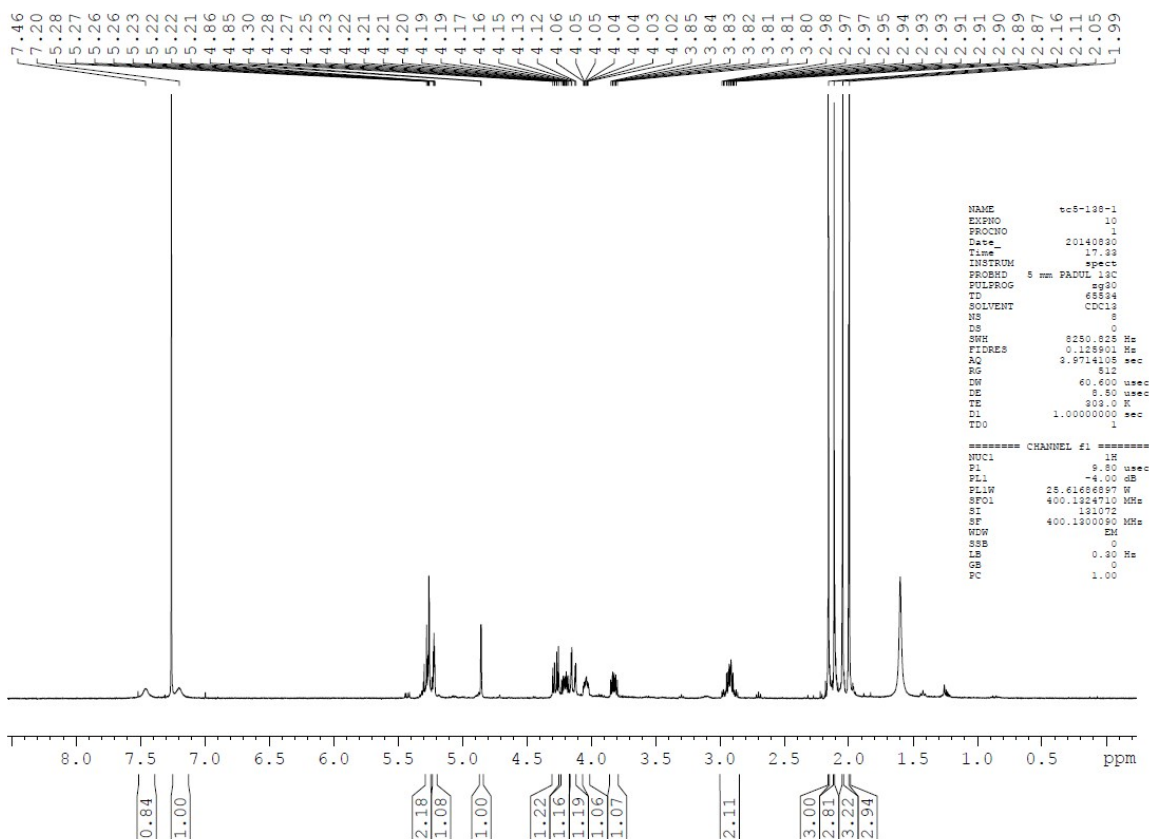
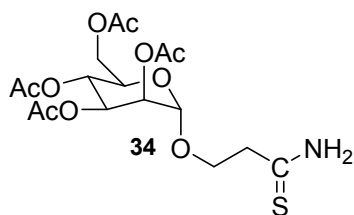
```



```

NAME      tc8-142-1
EXPNO     11
PROCNO    1
Date_     20140910
Time      22.42
INSTRUM   spect
PROBHD    5 mm F400 BB-
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         8072
DS         0
SWH        24038.461 Hz
FIDRES     0.366798 Hz
AQ         1.3631905 sec
RG         114
DN         20.800 usec
TE         303.2 K
DE         1.00000000 sec
DL         1.00000000 sec
TDO        1
===== CHANNEL f1 =====
NUC1       13C
P1         9.80 usec
PL1        -2.00 dB
PL12       55.28699499 W
SF01       100.6202962 MHz
===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
P2         80.00 usec
PL2        -4.00 dB
PL12       12.00 dB
PL13       14.80 dB
PL12W     29.40261269 W
PL13W     0.41832399 W
SF02       400.1546506 MHz
SI         131072
SF         100.6202962 MHz
WDW        EM
SSB         0
LB         2.00 Hz
GB         0
PC         1.40

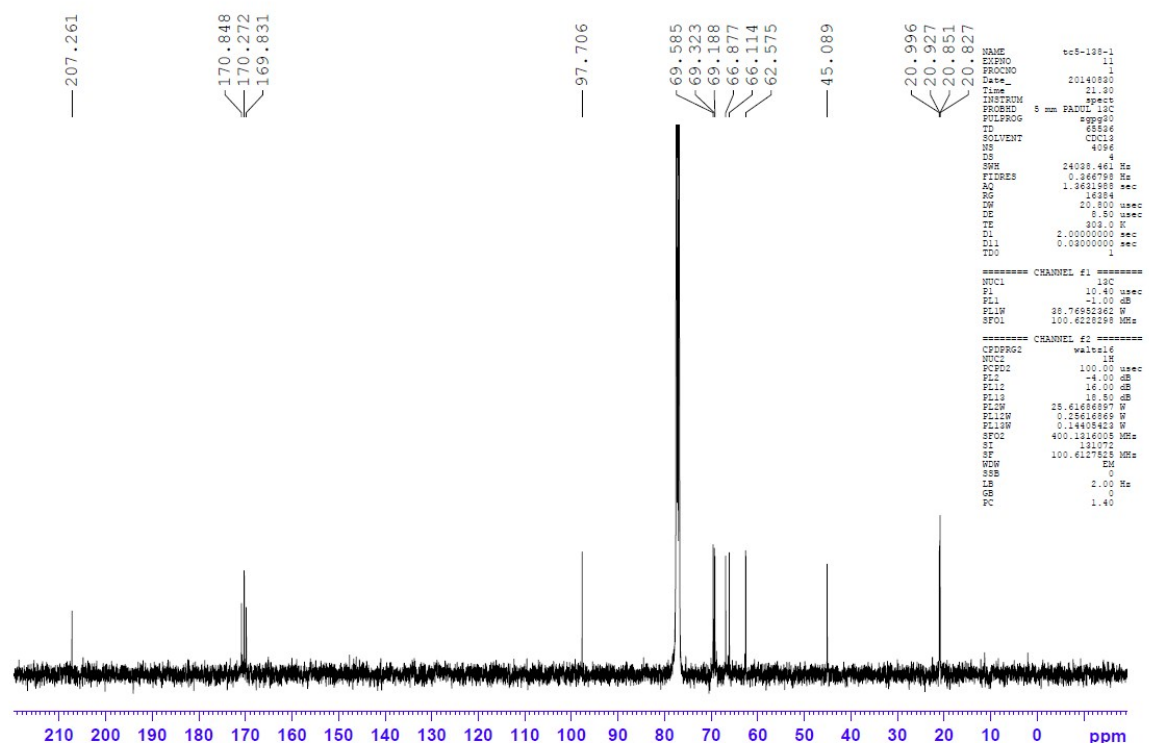
```



```

NAME      tc5-138-1
EXPNO     10
PROCNO    1
Date_     20140830
Time      17.34
INSTRUM    spect
PROBHD     5 mm PABUL 13C
PULPROG    zgpg30
TD         65536
SOLVENT    CDCl3
NS         8
DS         0
SWH         8250.825 Hz
FIDRES     0.1258901 Hz
AQ         3.9714105 sec
RG         812
DW         60.600 usec
DE         9.50 usec
TE         303.0 K
D1         1.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         9.60 usec
PL1        -4.00 dB
PL1W       25.61684897 W
SFO1       400.1464710 MHz
SI         181072
SF         400.1300000 MHz
WDW         EM
SSB         0
LB         0.30 Hz
GB         0
PC         1.00
  
```



```

NAME      tc5-138-1
EXPNO     11
PROCNO    1
Date_     20140830
Time      21.30
INSTRUM    spect
PROBHD     5 mm PABUL 13C
PULPROG    zgpg30
TD         65536
SOLVENT    CDCl3
NS         8
DS         0
SWH         24008.461 Hz
FIDRES     0.866799 Hz
AQ         1.3621598 sec
RG         16884
DW         20.800 usec
DE         9.50 usec
TE         303.0 K
D1         2.00000000 sec
D11        0.03000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         10.40 usec
PL1        -1.00 dB
PL1W       25.7685262 W
SFO1       100.6261260 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC1       1H
PCPD2      100.00 usec
PL2        -4.00 dB
PL2W       16.40 dB
PL13       10.50 dB
PL1W       25.61684897 W
PL1W       0.256168969 W
PL1W       0.144084213 W
SFO2       400.1464710 MHz
SI         181072
SF         100.6127525 MHz
WDW         EM
SSB         0
LB         2.00 Hz
GB         0
PC         1.40
  
```

