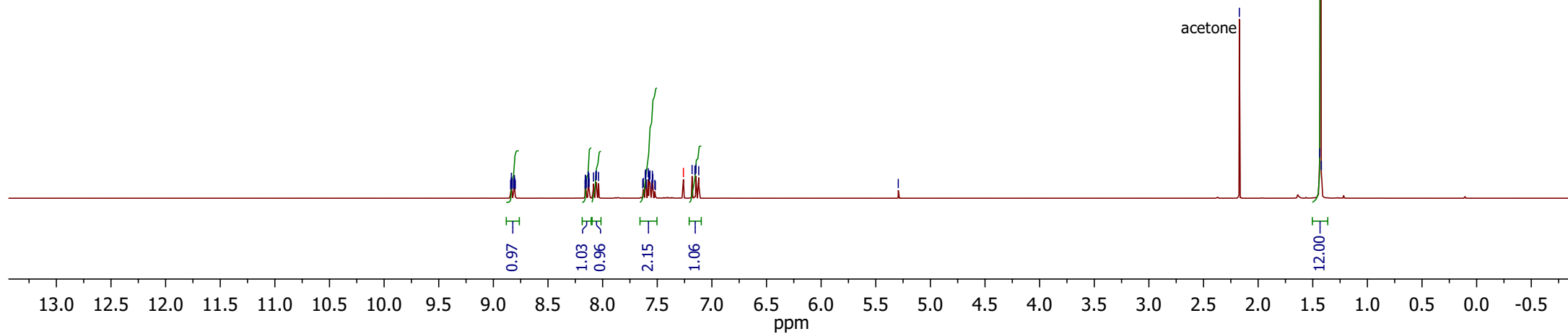
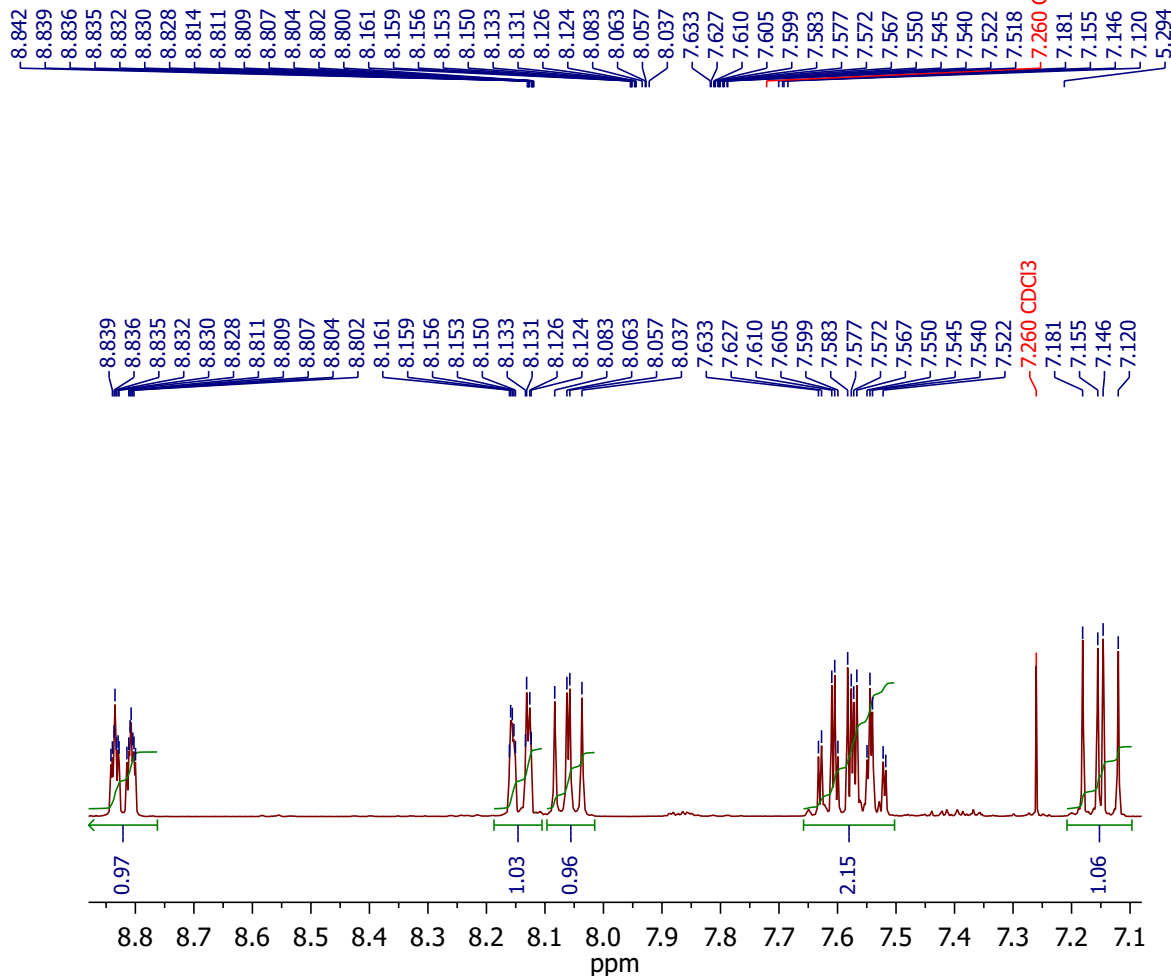
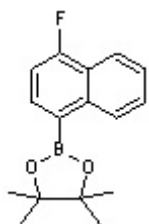


CH₃CO₂NEt₃
1H(CDCI₃)

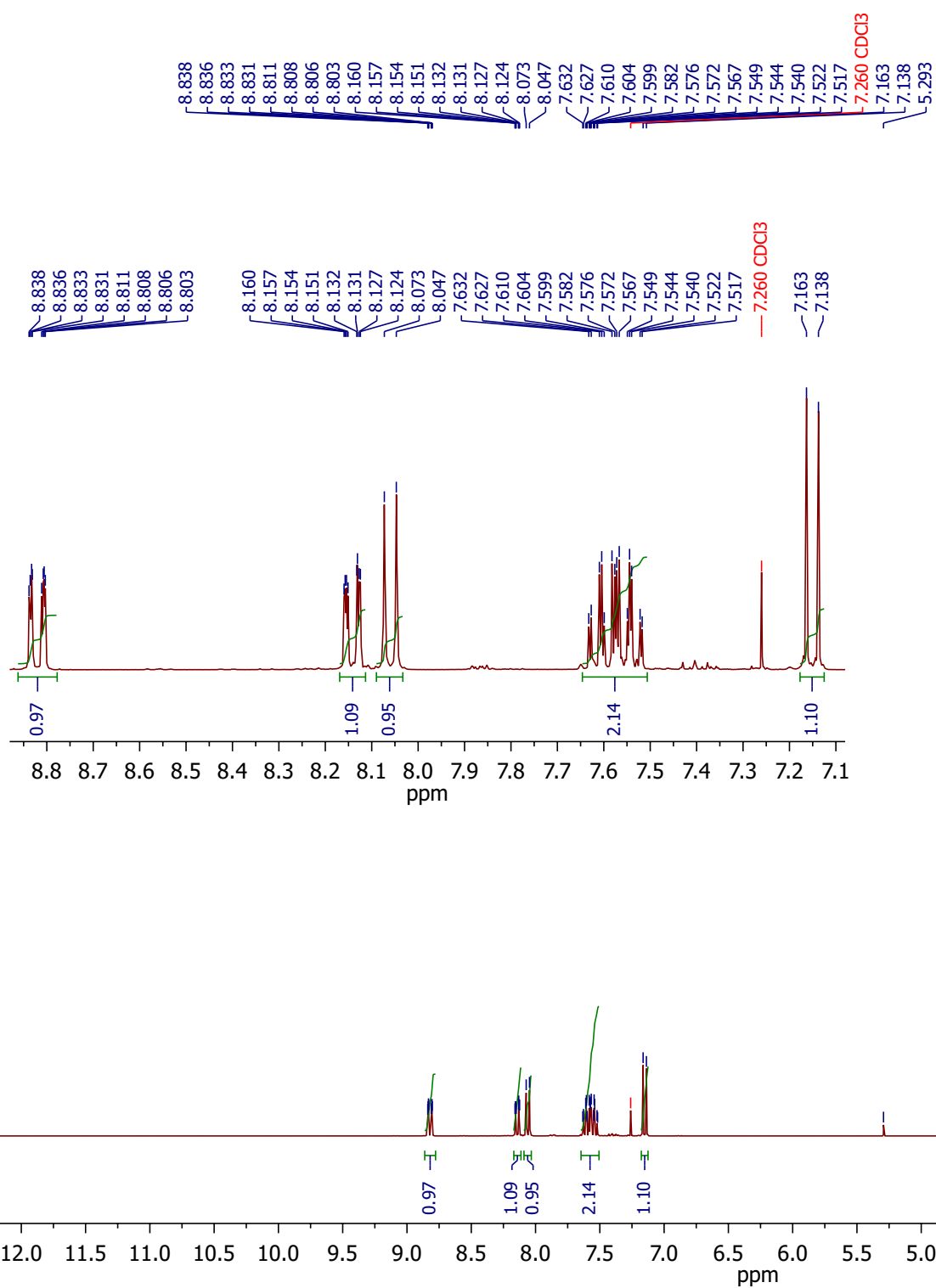
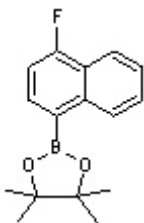


Current Data Parameters
NAME MSM_service300a
EXPNO 9
PROCNO 1

INSTRUM 300a
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 65536
SOLVENT CDCl₃
NS 64
DS 2
SWH 6172.839 Hz
FIDRES 0.094190 Hz
AQ 5.3084660 sec
RG 128
DW 81.000 usec
DE 6.50 usec
TE 298.2 K
D1 1.0000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.20 usec
PL1 0.00 dB
PL1W 15.07131863 W
SF01 300.1318534 MHz
SI 131072
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

CEMES-CNRS
1H{19F}(CDCl3)



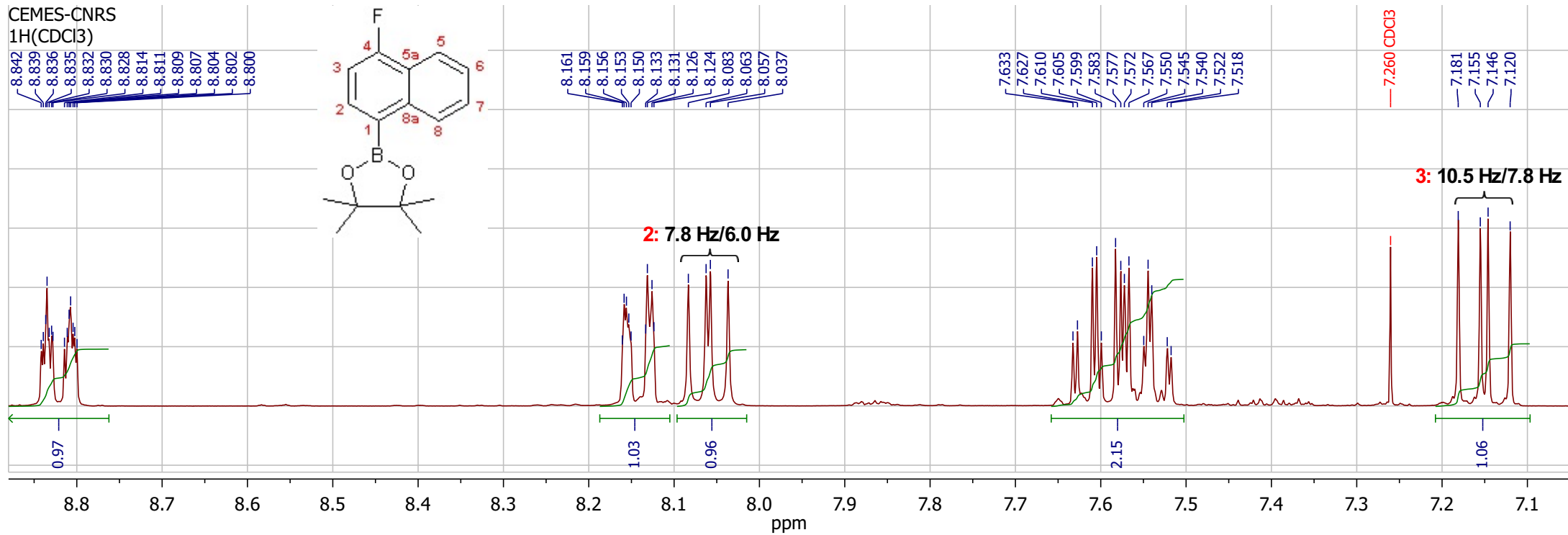
Current Data Parameters
NAME MSM_service300a
EXPNO 10
PROCNO 1

INSTRUM 300a
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl₃
NS 64
DS 0
SWH 6172.839 Hz
FIDRES 0.094190 Hz
AQ 5.3084660 sec
RG 128
DW 81.000 usec
DE 6.50 usec
TE 298.2 K
D1 1.00000000 sec
D11 0.03000000 sec
TD0 1

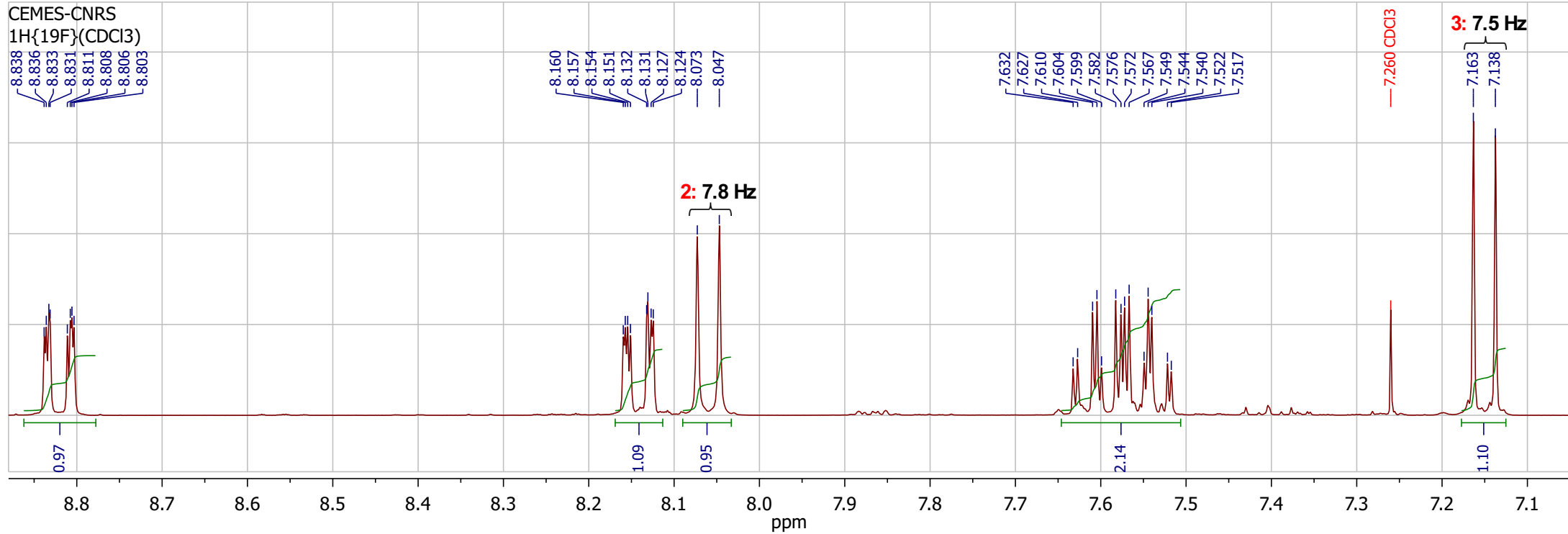
===== CHANNEL f1 =====
NUC1 ¹H
P1 11.20 usec
PL1 0.00 dB
PL1W 15.07131863 W
SF01 300.1318530 MHz

===== CHANNEL f2 =====
CPDPRG2 garp4
NUC2 ¹⁹F
PCPD2 100.00 usec
PL2 -1.00 dB
PL12 21.79 dB
SF02 282.3690545 MHz
SI 65536
SF 300.1300000 MHz
WDW EM
SSB 0
LB 0.00 Hz

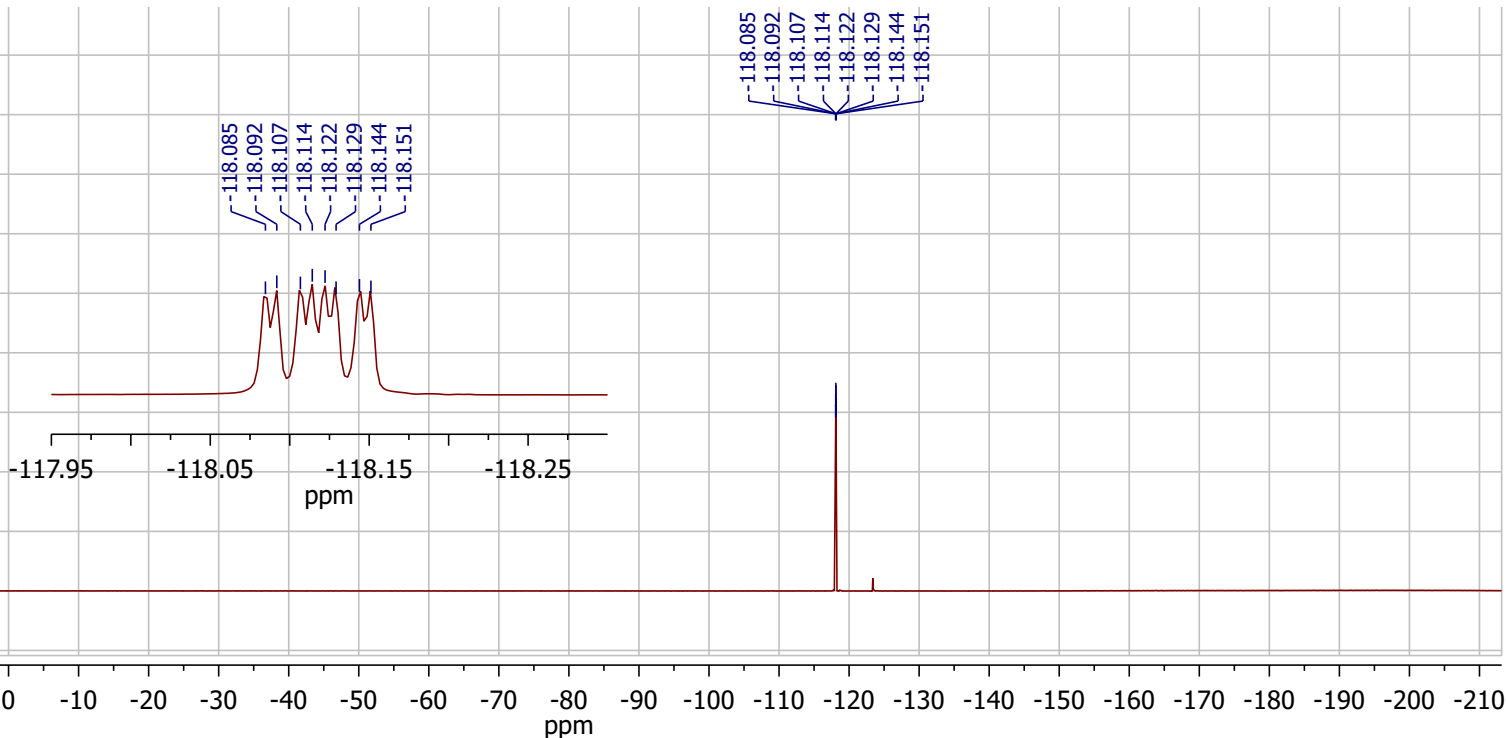
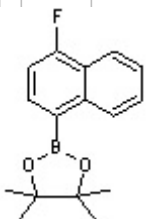
CEMES-CNRS
1H(CDCl3)



CEMES-CNRS
1H{19F}(CDCl3)



CEMES-CNRS
19F(CDCI3)

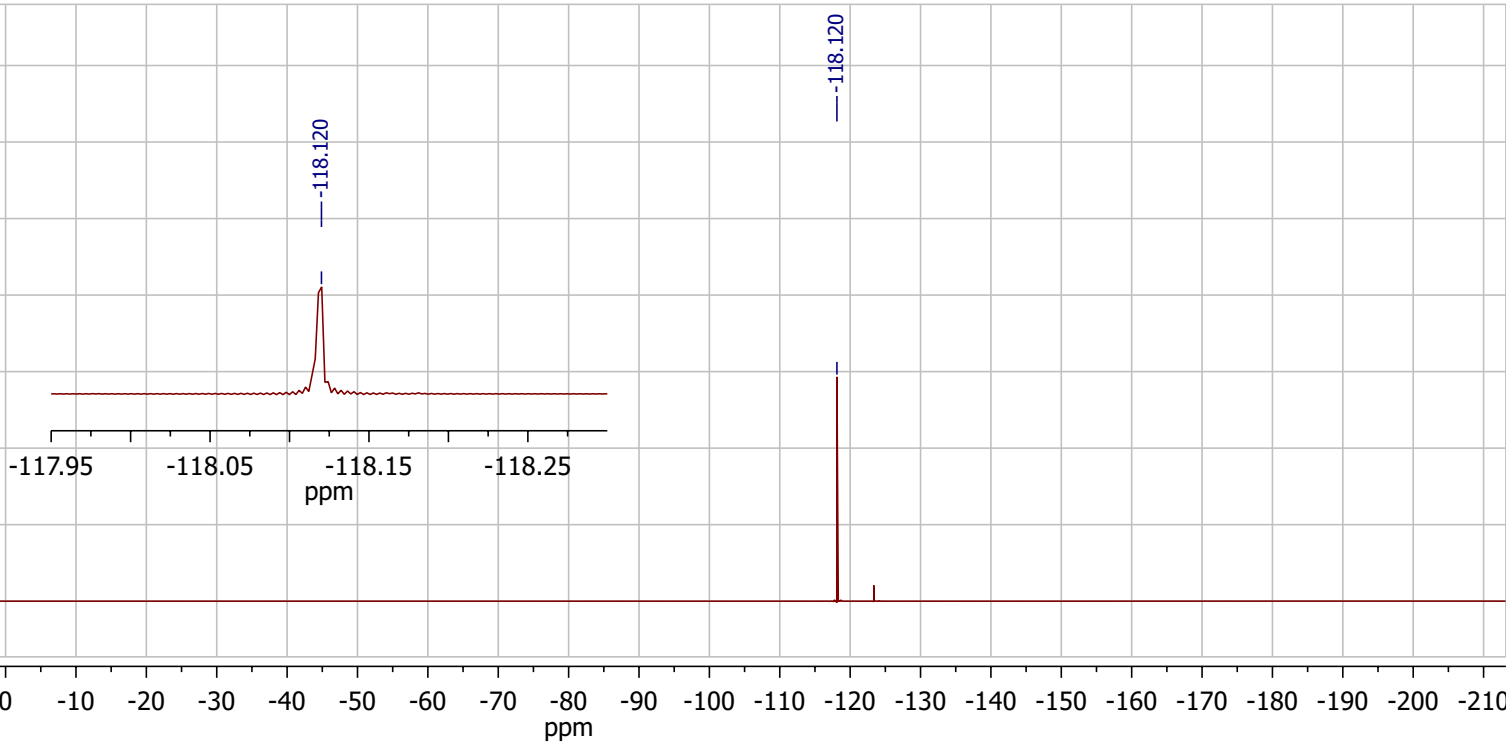
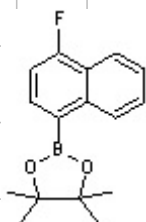


Current Data Parameters
NAME MSM_service300a
EXPNO 11
PROCNO 1

INSTRUM 300a
PROBHD 5 mm BBO BB-1H
PULPROG zg30
TD 131072
SOLVENT CDCI3
NS 512
DS 0
SWH 75187.969 Hz
FIDRES 0.573639 Hz
AQ 0.8716788 sec
RG 1625.5
DW 6.650 usec
DE 6.50 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 19F
P1 7.25 usec
PL1 -1.00 dB
SFO1 282.3817540 MHz
SI 65536
SF 282.4043550 MHz
WDW EM
SSB 0

CEMES-CNRS
19F{1H}(CDCl3)



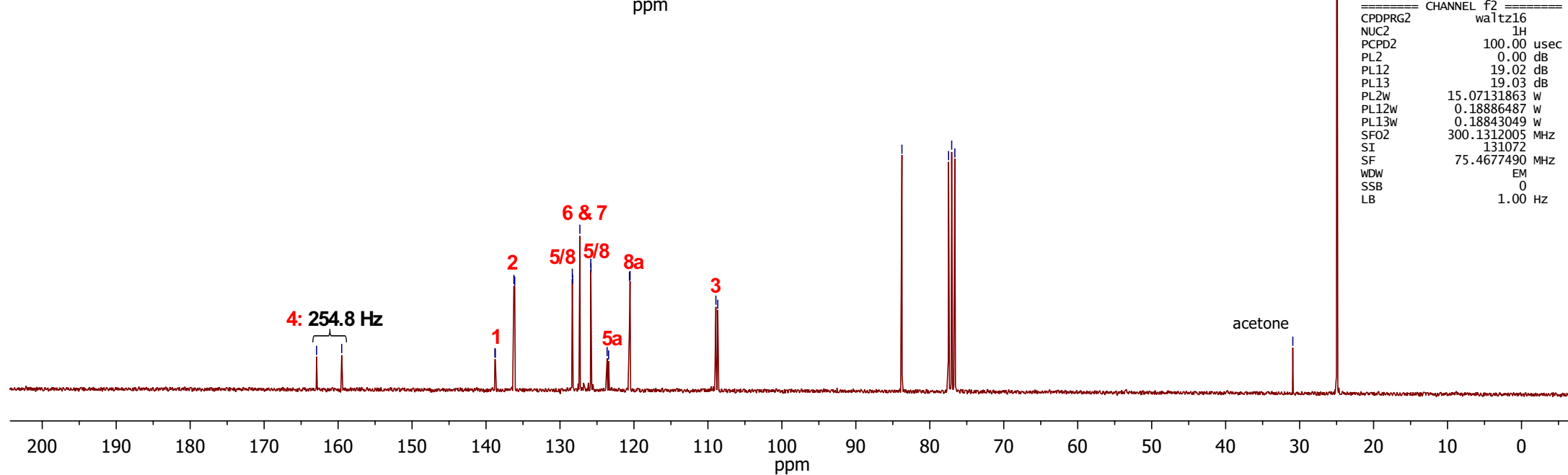
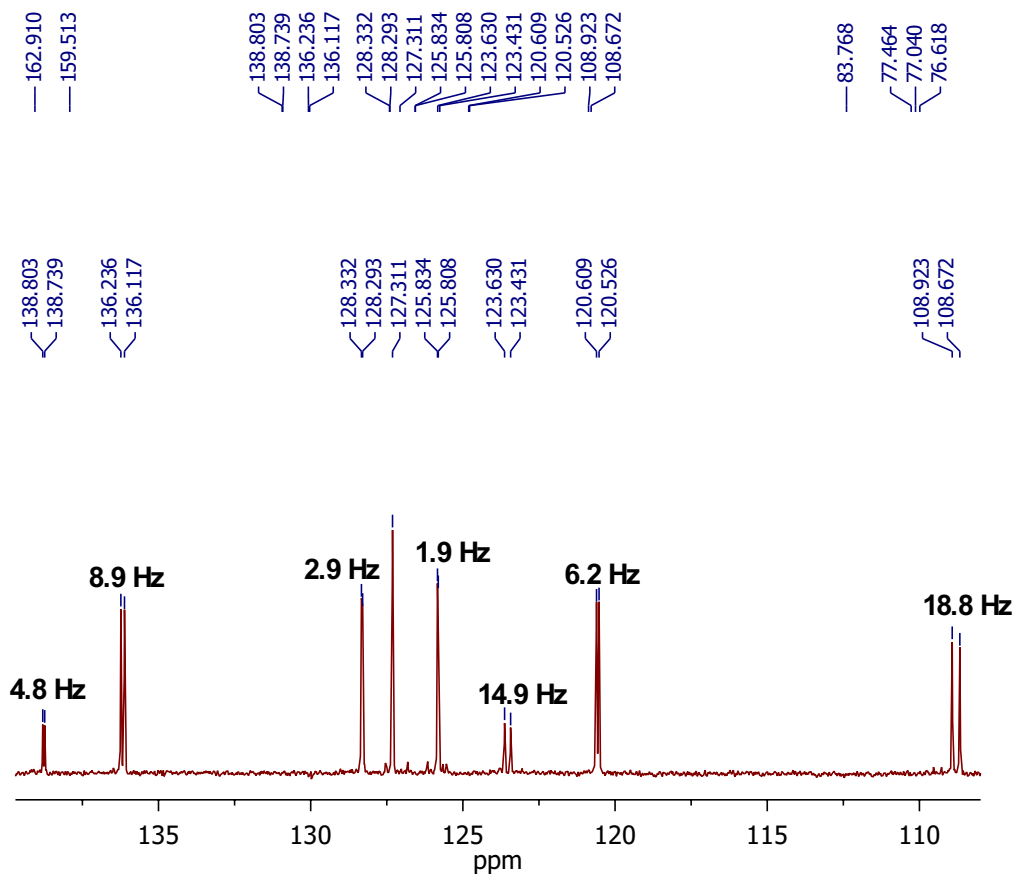
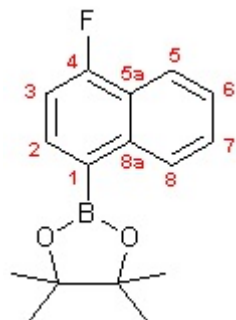
Current Data Parameters
NAME MSM_service300a
EXPNO 12
PROCNO 1

INSTRUM 300a
PROBHD 5 mm BBO BB-1H
PULPROG zgig30
TD 131072
SOLVENT CDCI3
NS 512
DS 0
SWH 75187.969 Hz
FIDRES 0.573639 Hz
AQ 0.8716788 sec
RG 1625.5
DW 6.650 usec
DE 6.50 usec
TE 298.2 K
D1 1.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 19F
P1 7.25 usec
PL1 -1.00 dB
SFO1 282.3817540 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 0.00 dB
PL12 19.02 dB
PL2W 15.07131863 w
PL12W 0.18886487 w
SFO2 300.1312000 MHz
SI 65536
SF 282.4043550 MHz

CEMES-CNRS
13C(CDCl3)

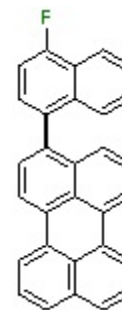
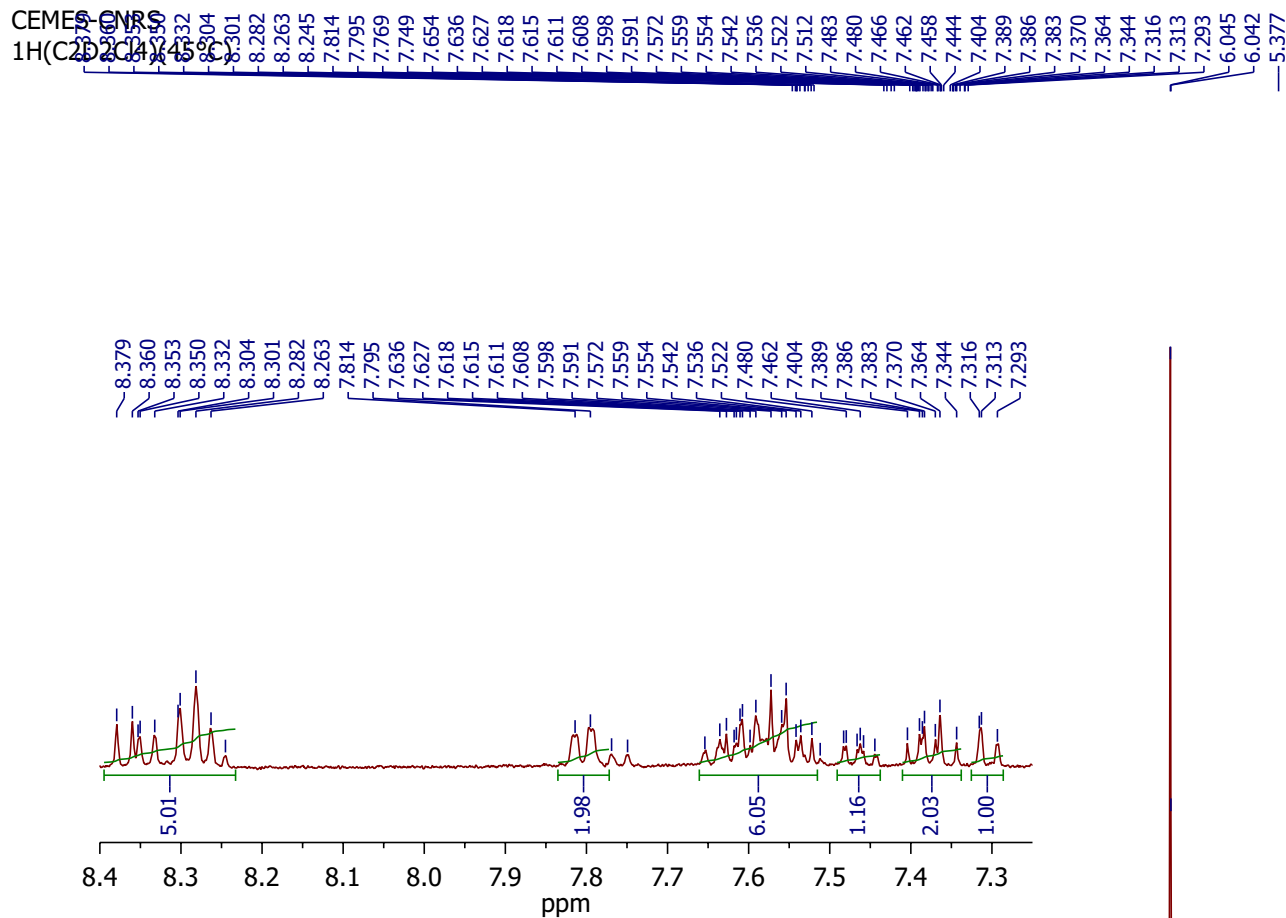


Current Data Parameters
NAME MSM_service300a
EXPNO 17
PROCNO 1

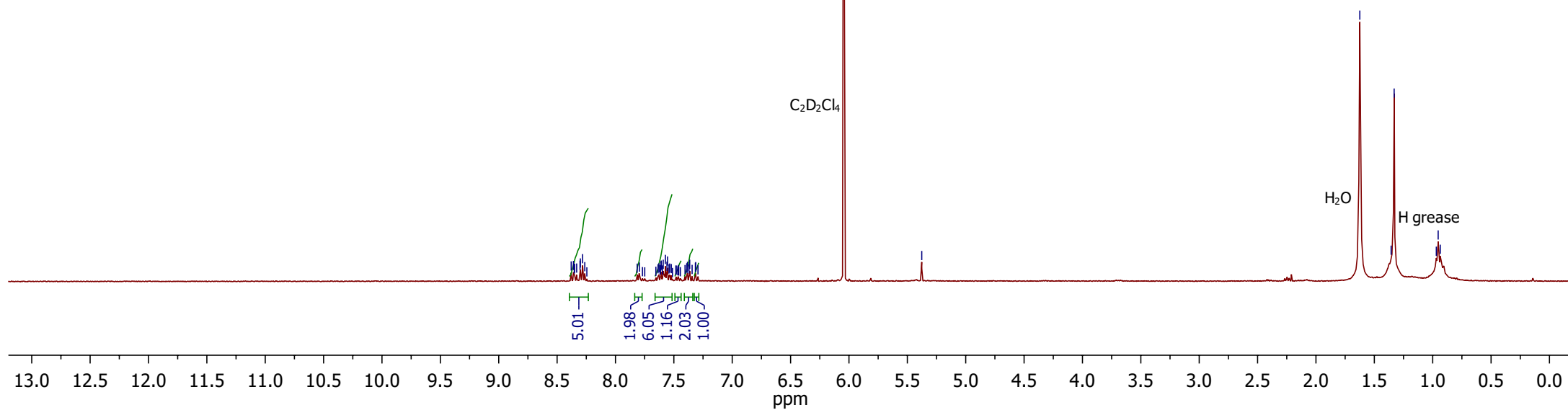
INSTRUM 300a
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1435
DS 0
SWH 22675.736 Hz
FIDRES 0.346004 Hz
AQ 1.4451188 sec
RG 2896.3
DW 22.050 usec
DE 6.50 usec
TE 298.2 K
D1 1.50000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.30 usec
PL1 -1.00 dB
PL1W 47.43416595 W
SF01 75.4775598 MHz

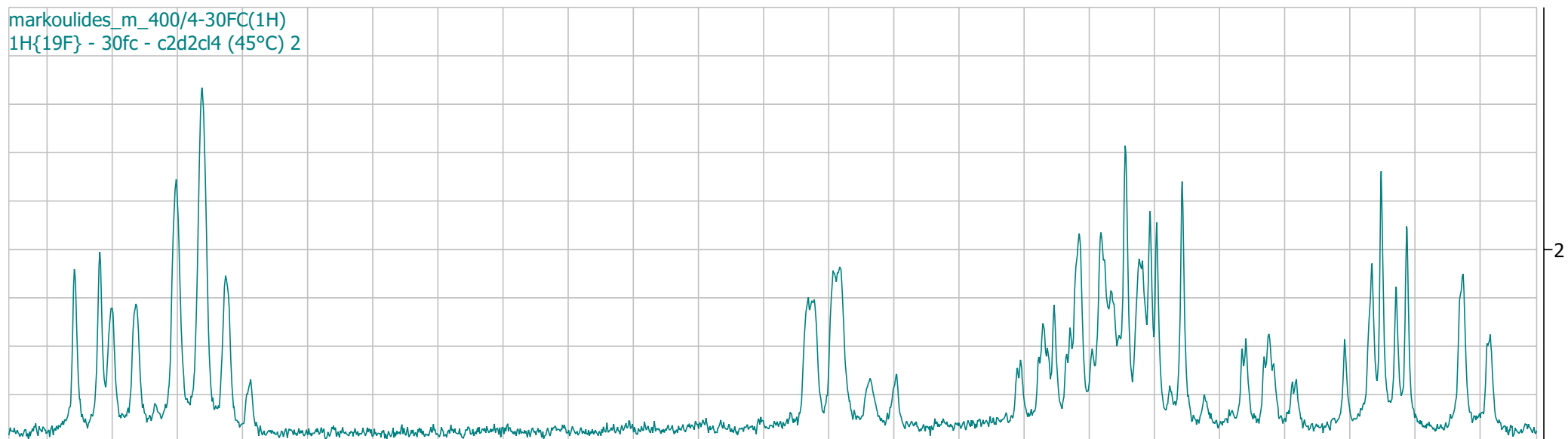
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 0.00 dB
PL12 19.02 dB
PL13 19.03 dB
PL2W 15.07131863 W
PL12W 0.18886487 W
PL13W 0.18843049 W
SF02 300.1312005 MHz
SI 131072
SF 75.4677490 MHz
WDW EM
SSB 0
LB 1.00 Hz



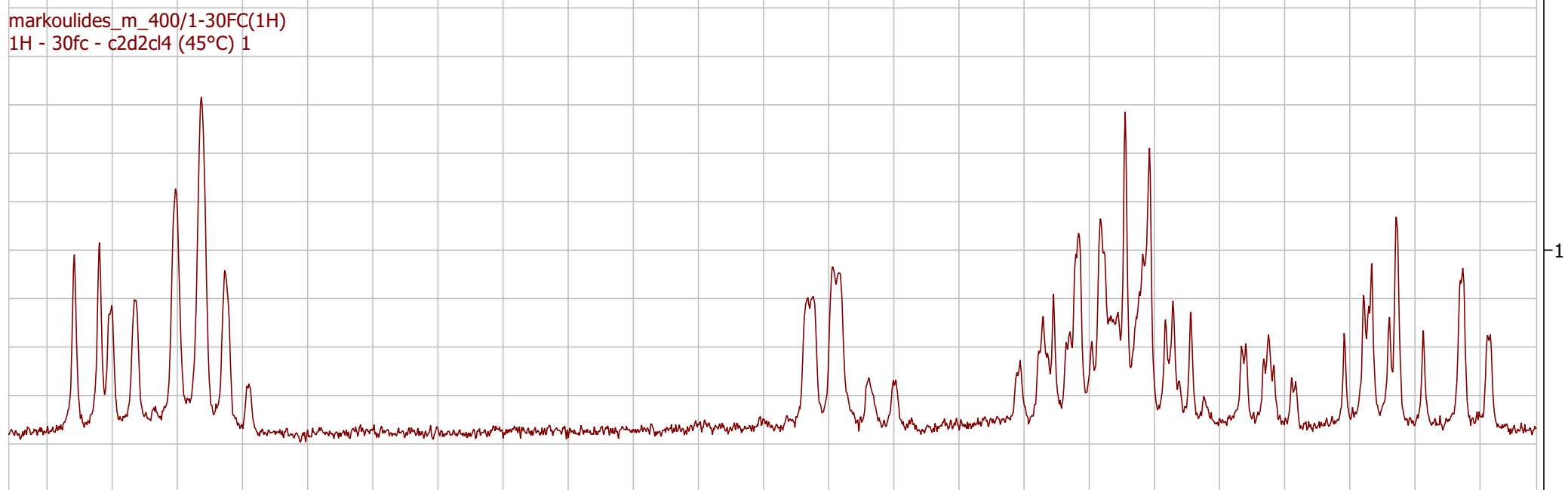
1.624
1.356
1.330
0.969
0.953
0.935



markoulides_m_400/4-30FC(1H)
1H{19F} - 30fc - c2d2cl4 (45°C) 2



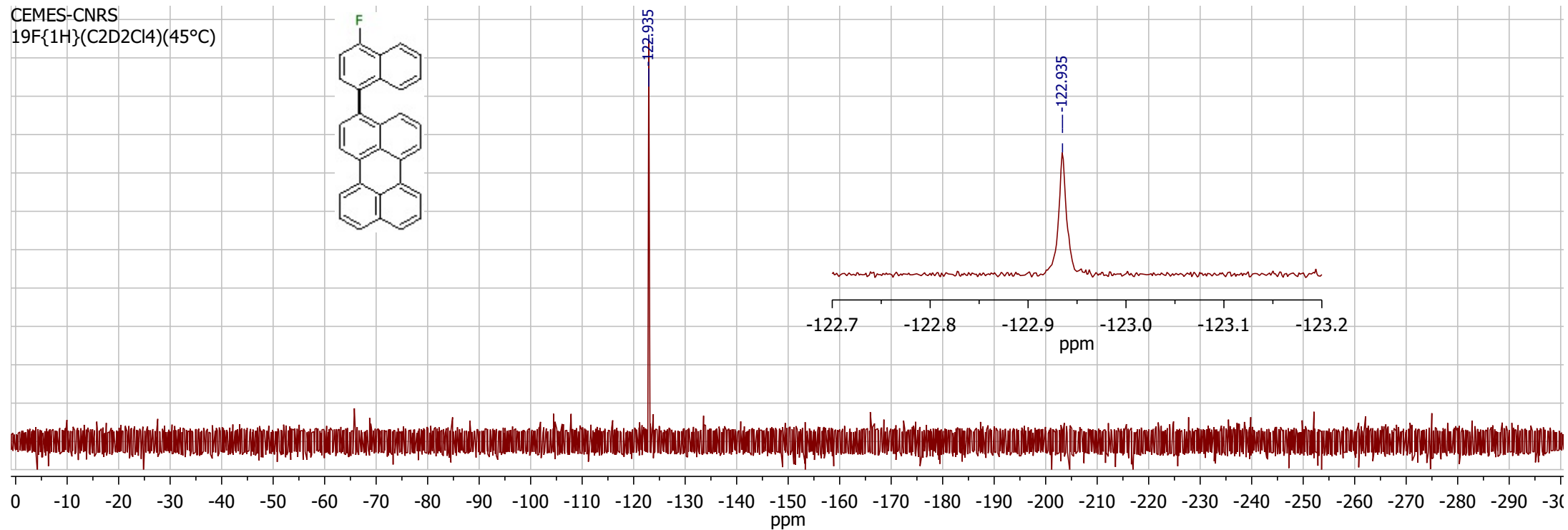
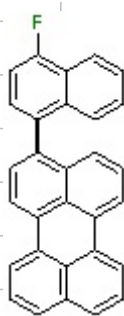
markoulides_m_400/1-30FC(1H)
1H - 30fc - c2d2cl4 (45°C) 1



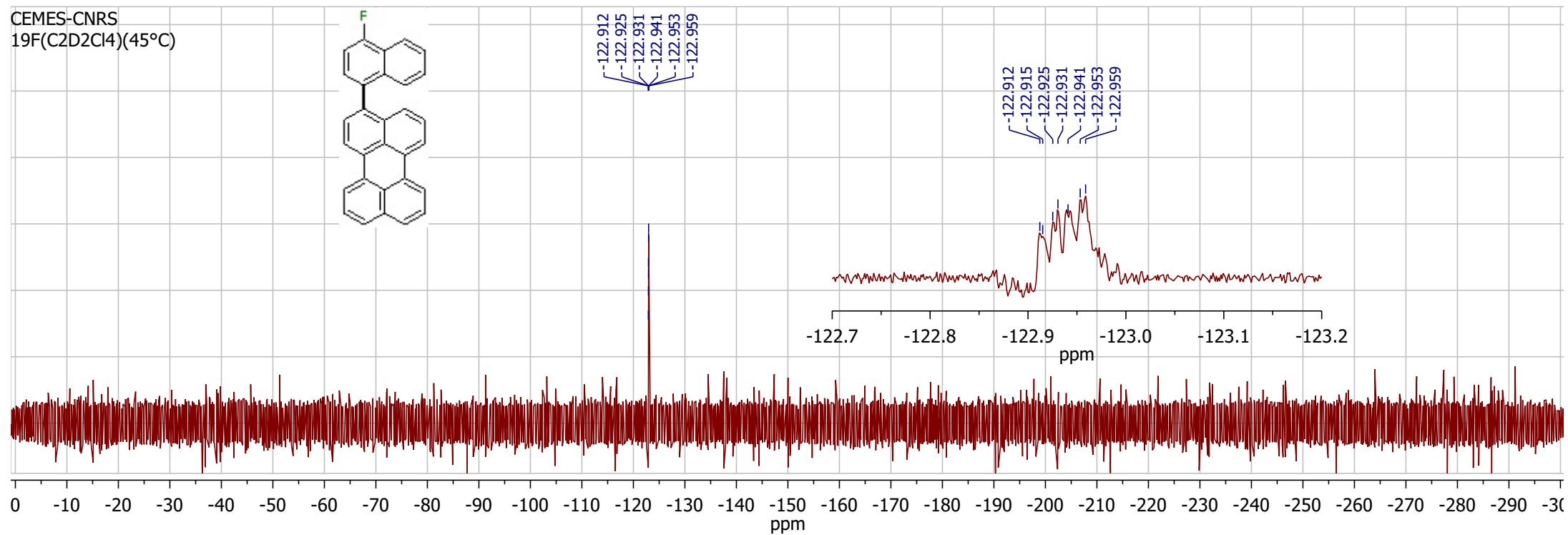
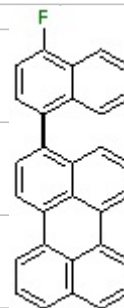
8.40 8.35 8.30 8.25 8.20 8.15 8.10 8.05 8.00 7.95 7.90 7.85 7.80 7.75 7.70 7.65 7.60 7.55 7.50 7.45 7.40 7.35 7.30

f1 (ppm)

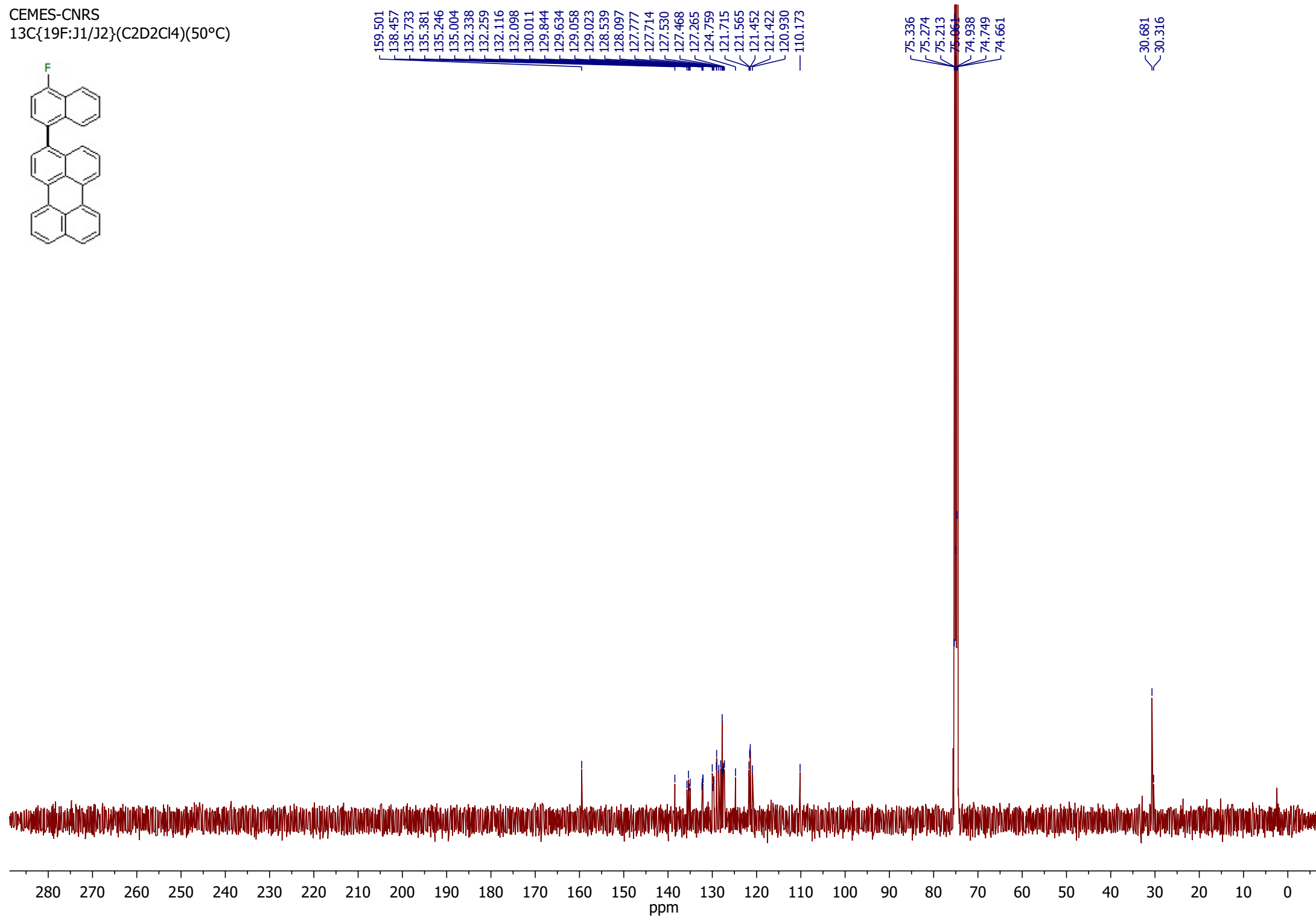
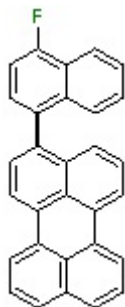
CEMES-CNRS
19F{1H}(C2D2Cl4)(45°C)



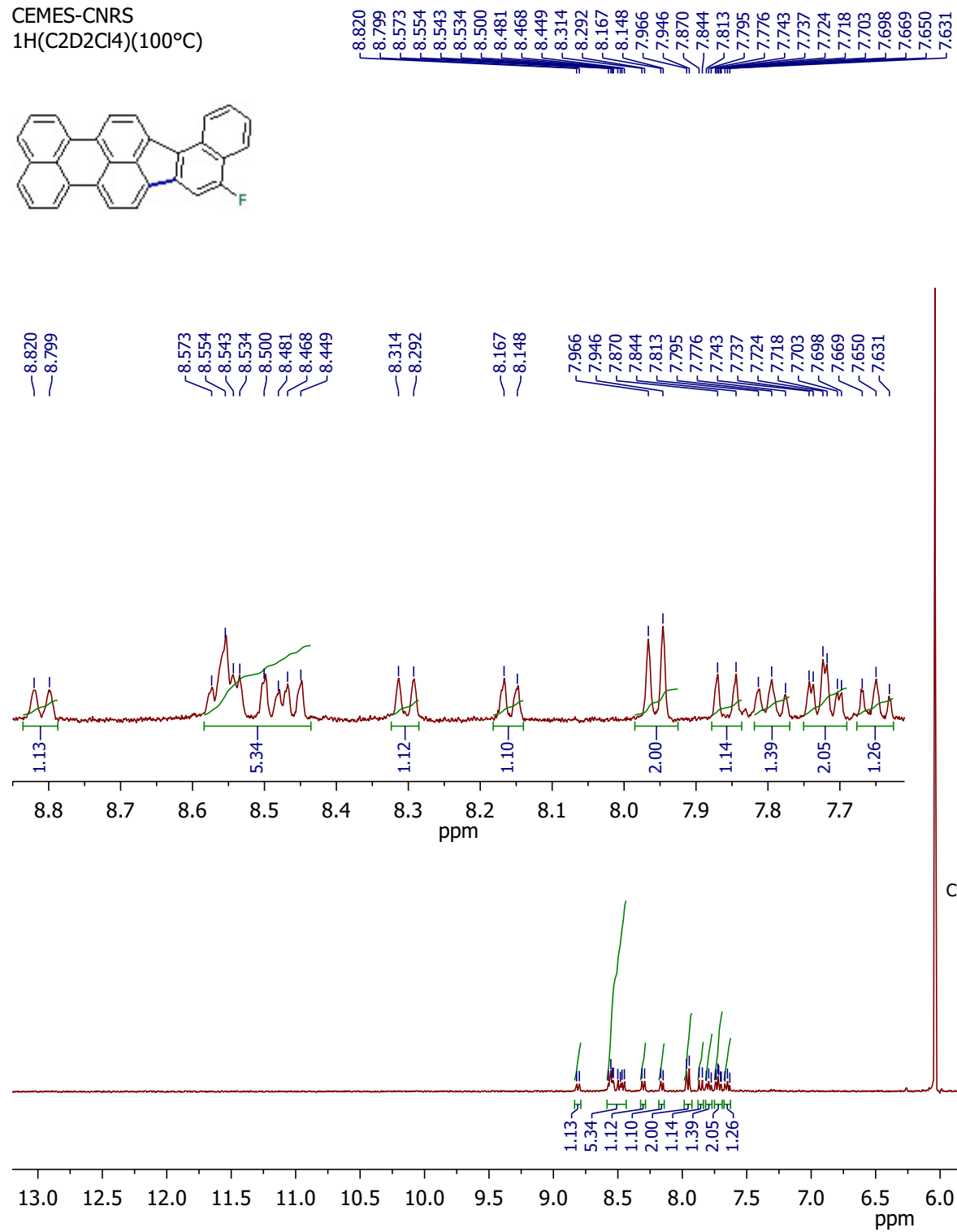
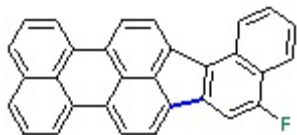
CEMES-CNRS
19F(C2D2Cl4)(45°C)



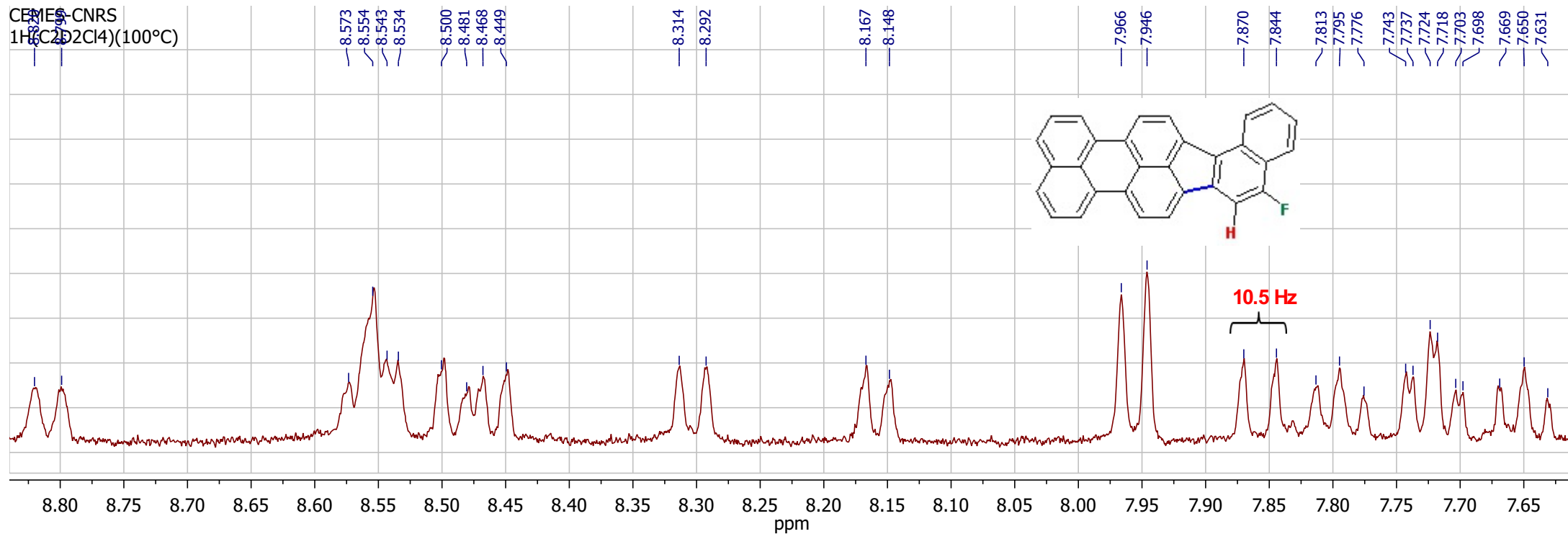
CEMES-CNRS
 $^{13}\text{C}\{^{19}\text{F}:\text{J1/J2}\}(\text{C2D}_2\text{Cl}_4)(50^\circ\text{C})$



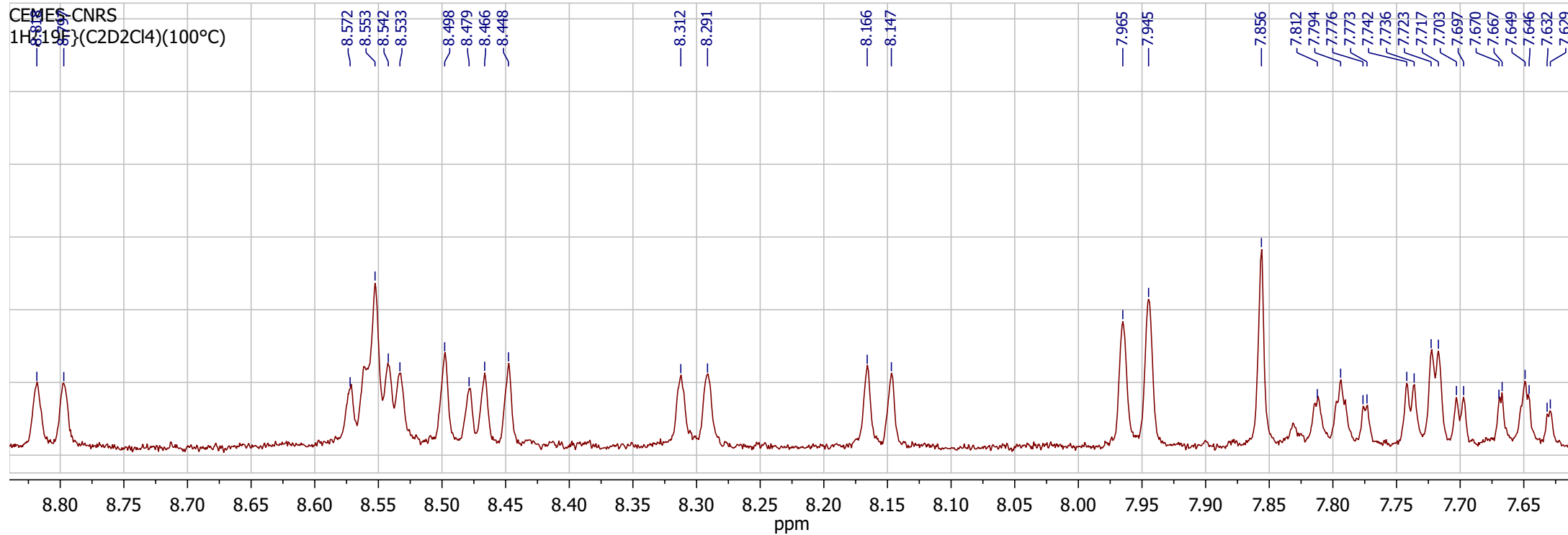
CEMES-CNRS
1H(C2D2Cl4)(100°C)



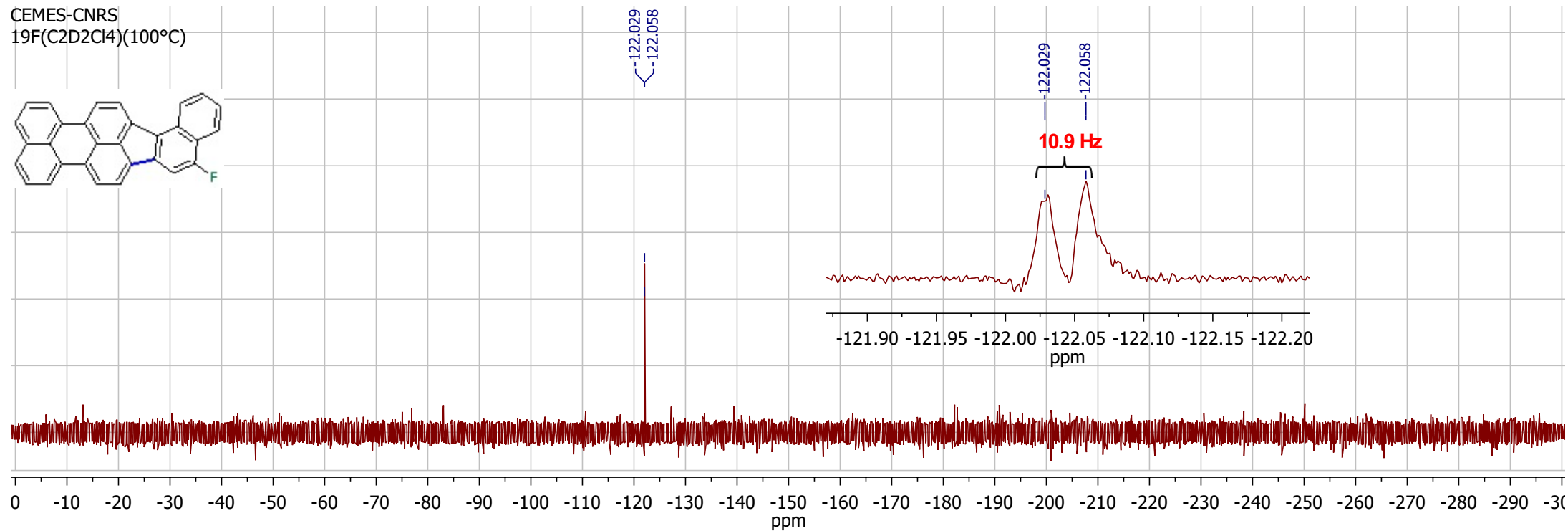
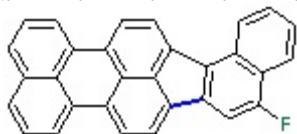
CEMES-CNRS
1H(C2D2Cl4)(100°C)



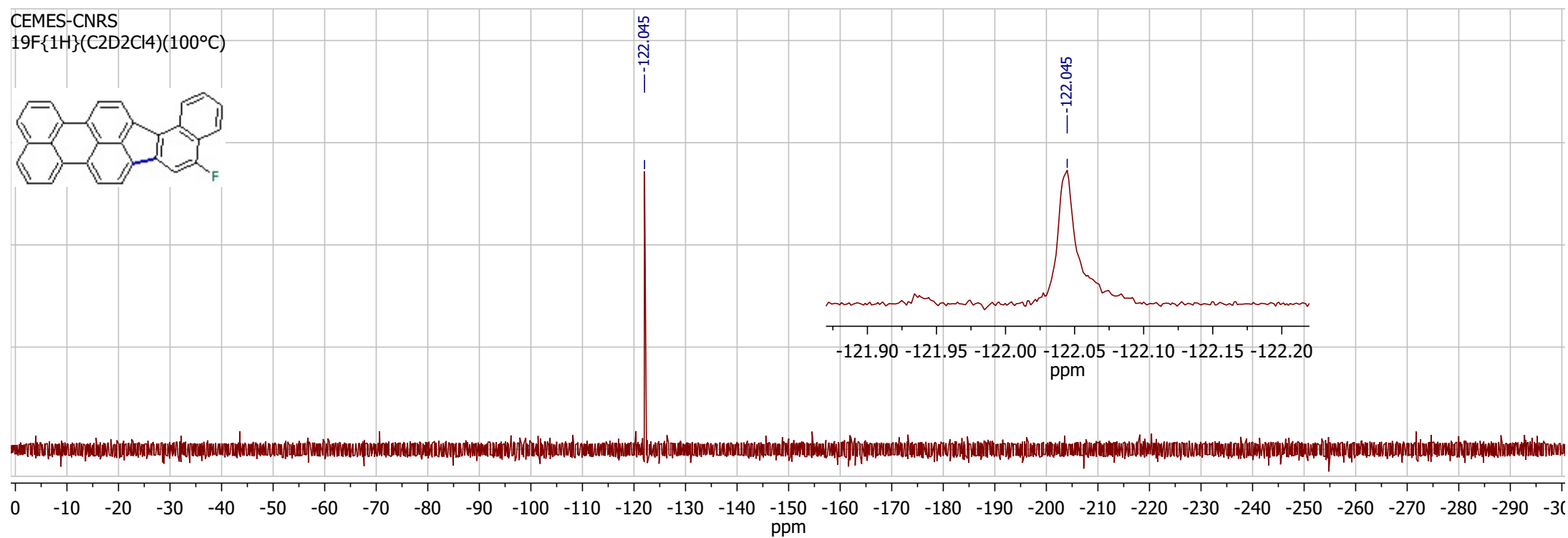
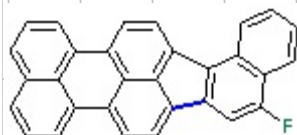
CEMES-CNRS
1H(C2D2Cl4)(100°C)



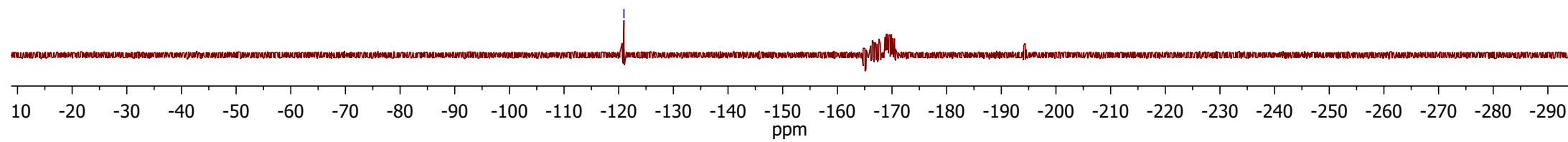
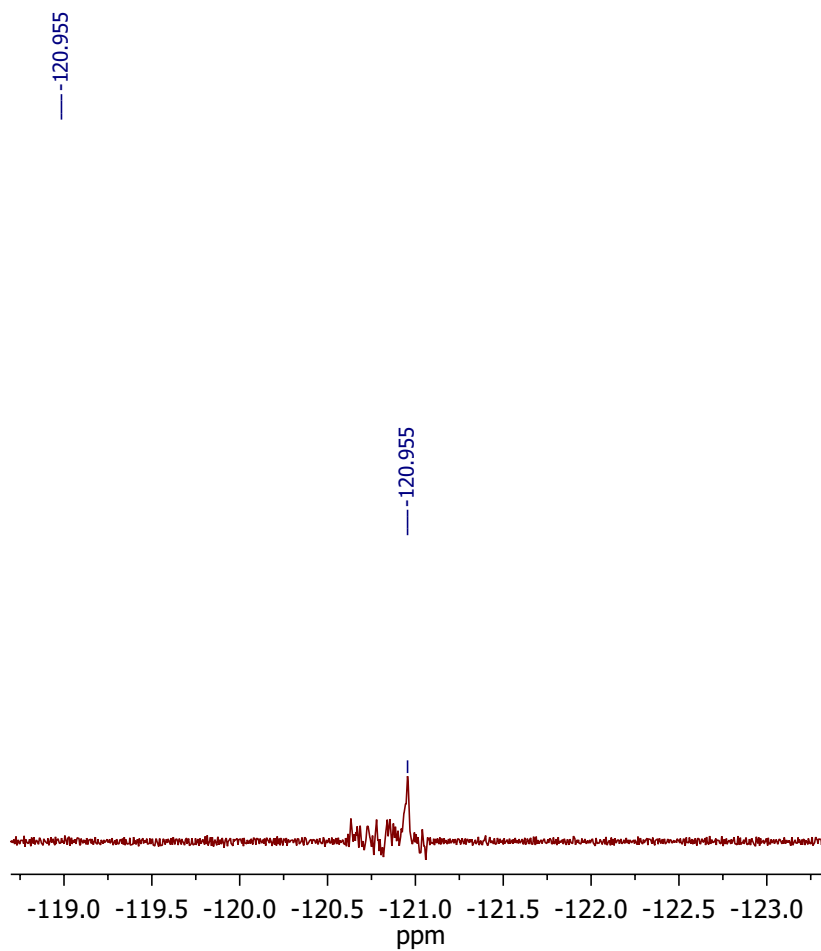
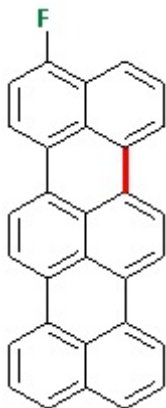
CEMES-CNRS
 $^{19}\text{F}(\text{C}_2\text{D}_2\text{Cl}_4)(100^\circ\text{C})$

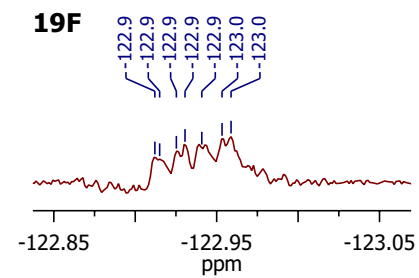
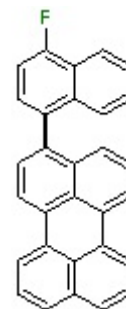
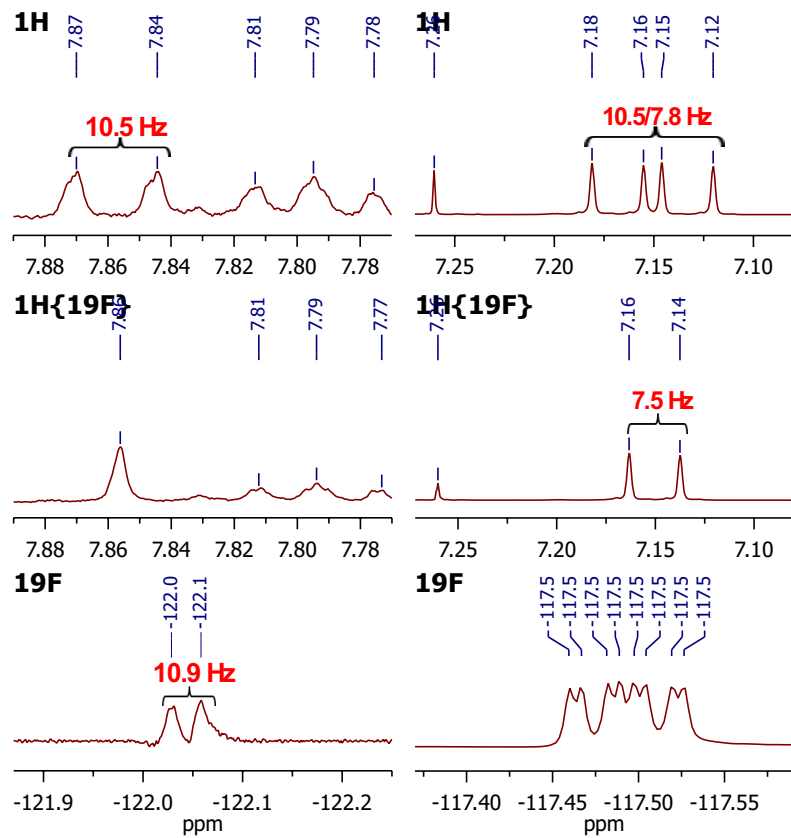


CEMES-CNRS
 $^{19}\text{F}\{^1\text{H}\}(\text{C}_2\text{D}_2\text{Cl}_4)(100^\circ\text{C})$



CEMES-CNRS
19F{1H}(C2D2Cl4)





Elemental Composition Report

Single Mass Analysis

Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0

Element prediction: Off

Monoisotopic Mass, Odd and Even Electron Ions

273 formula(e) evaluated with 2 results within limits (all results (up to 1000) for each mass)

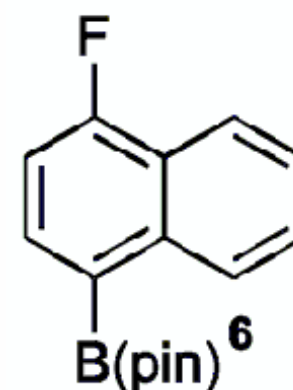
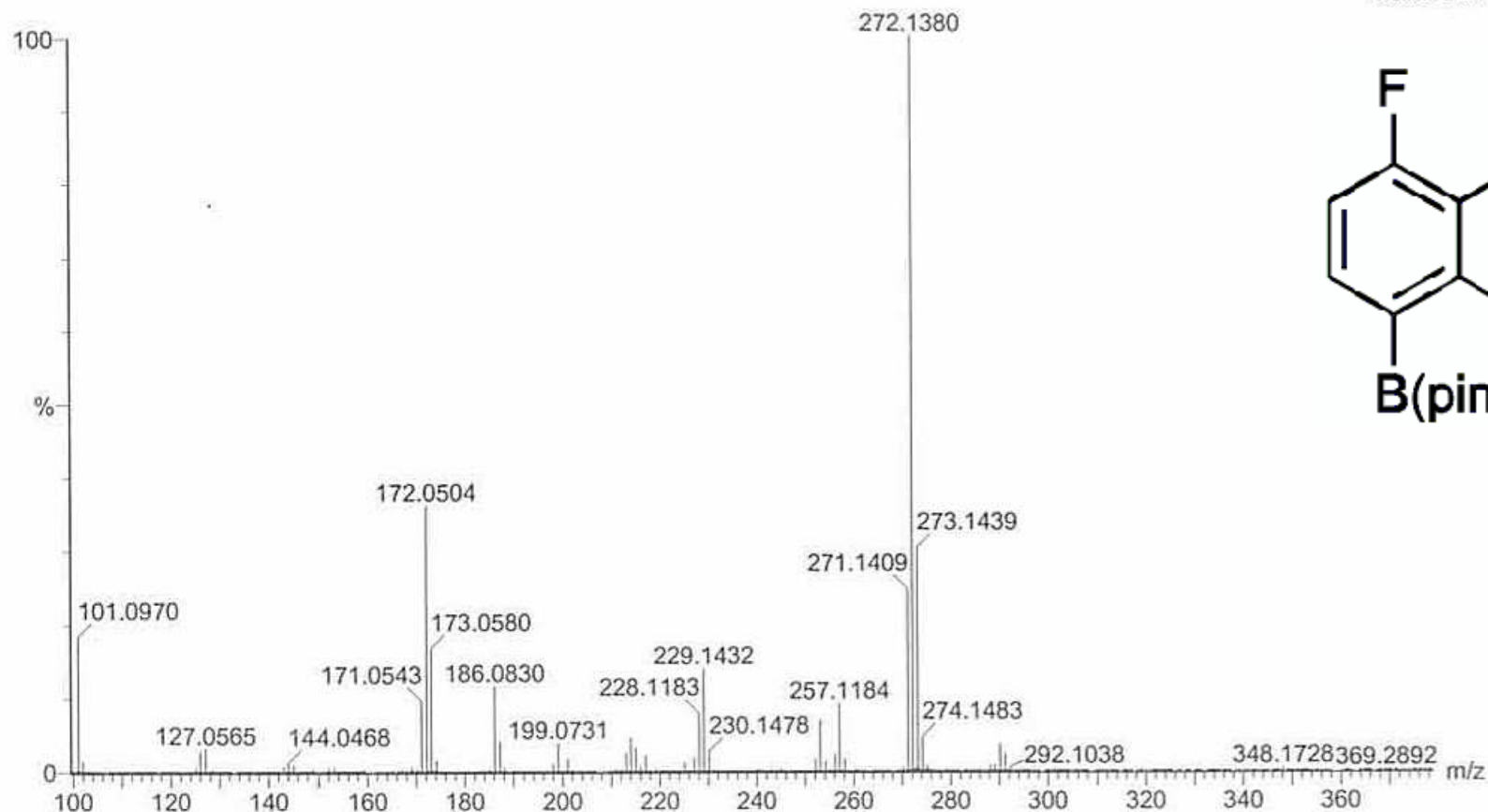
Elements Used:

C: 0-100 H: 0-100 B: 1-1 N: 0-10 O: 0-10 F: 1-1

DCI-CH4

GCT Premier CAB109

TOF MS Cl+
1.89e+004



Minimum: -1.5
Maximum: 1.3 5.0 50.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Formula
272.1380	272.1384	-0.4	-1.5	8.0	557.2	C16 H18 B O2 F

Elemental Composition Report

Single Mass Analysis

Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0

Element prediction: Off

Monoisotopic Mass, Odd and Even Electron Ions

11 formula(e) evaluated with 1 results within limits (all results (up to 1000) for each mass)

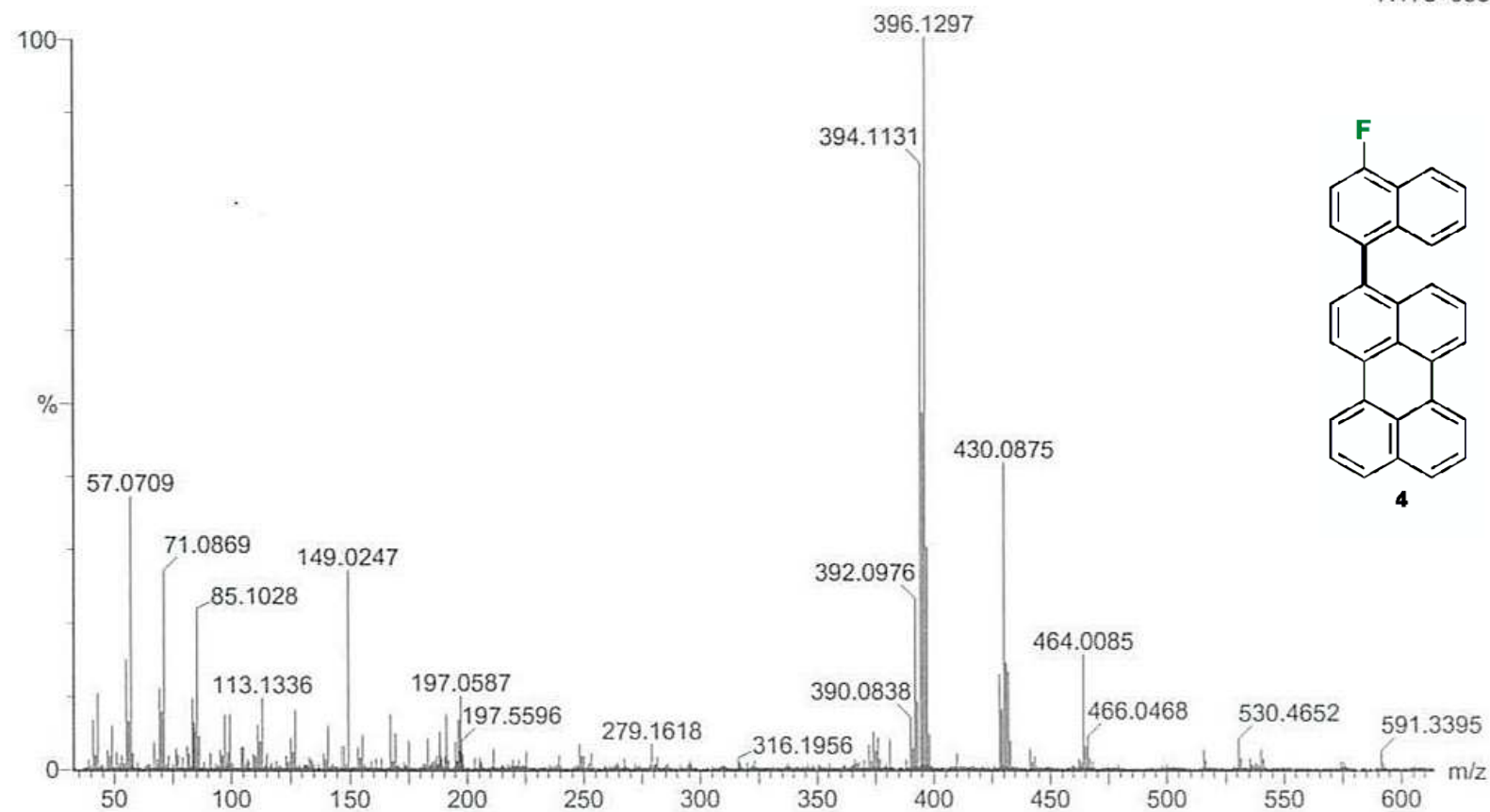
Elements Used:

C: 0-100 H: 0-100 F: 0-1

DCI-CH4

GCT Premier CAB109

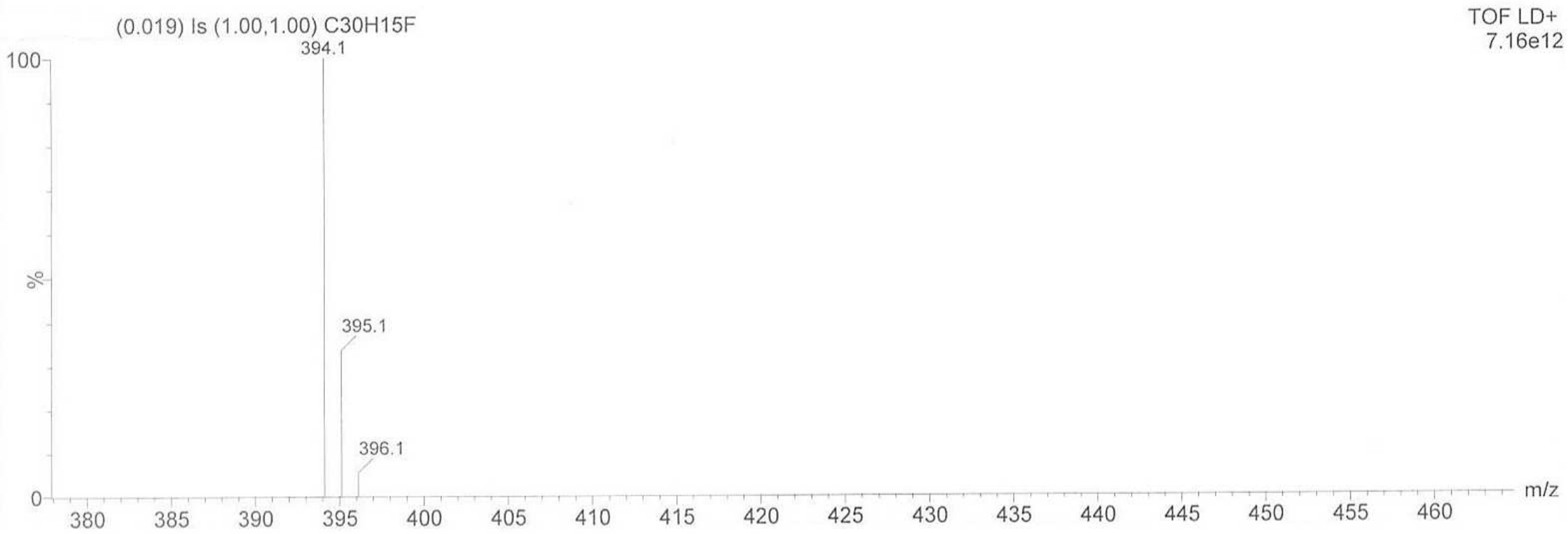
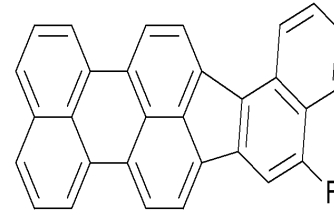
TOF MS EI+
7.17e+003



Minimum: -1.5

Maximum: 1.3 5.0 50.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Formula
396.1297	396.1314	-1.7	-4.3	22.0	12.9	C30 H17 F

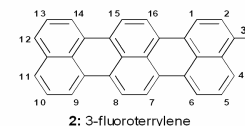


Elemental Composition Report

Single Mass Analysis

Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0

Element prediction: Off



Monoisotopic Mass, Odd and Even Electron Ions

487 formula(e) evaluated with 6 results within limits (all results (up to 1000) for each mass)

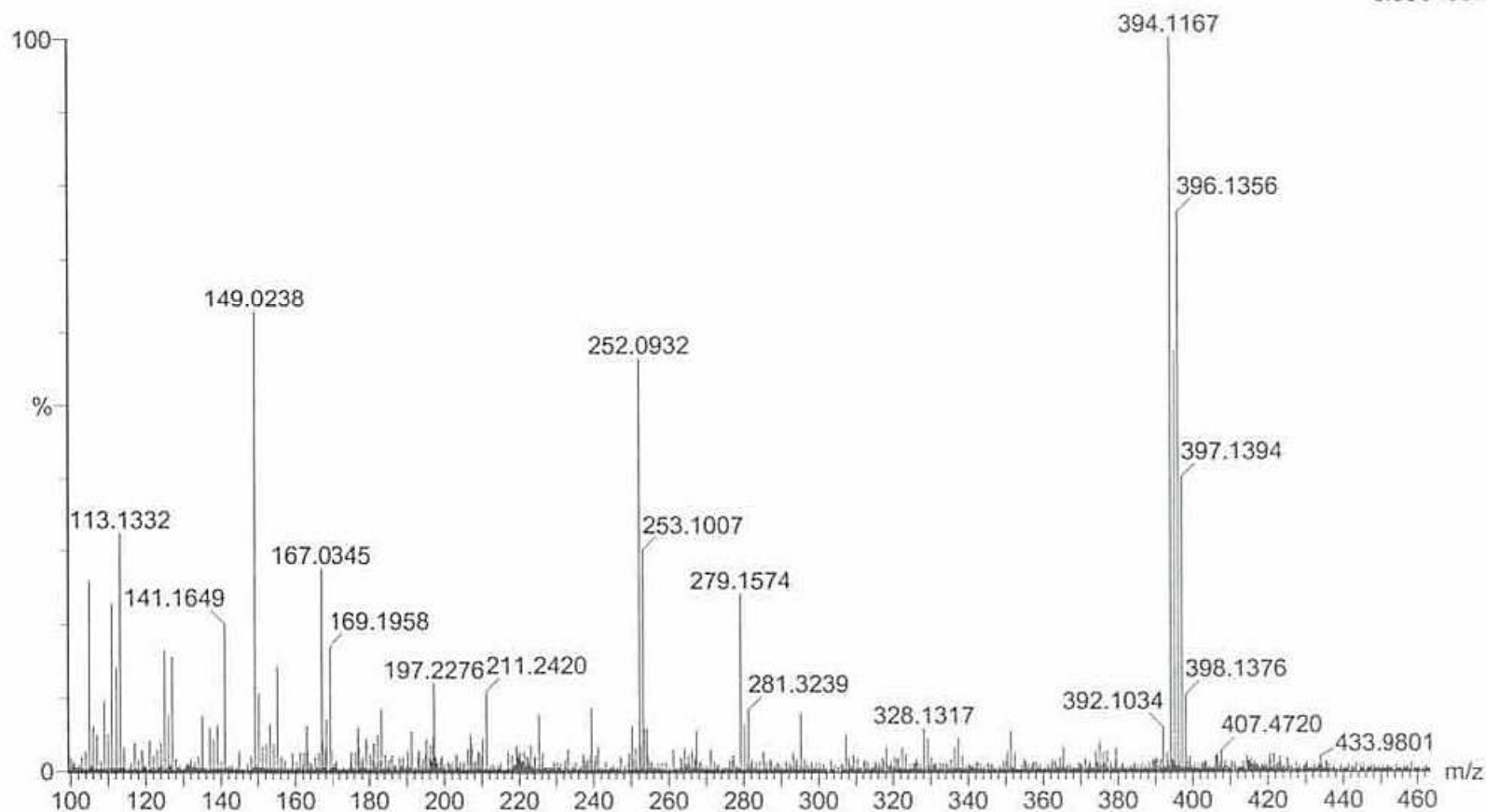
Elements Used:

C: 0-100 H: 0-100 N: 0-10 O: 0-10 F: 1-1

DCI-CH4

GCT Premier CAB109

TOF MS CI+
8.85e+002



Minimum: -1.5
Maximum: 1.3 5.0 50.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Formula
394.1167	394.1158	0.9	2.3	23.0	322.5	C30 H15 F