

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109580.D
 Acq On : 4 Oct 2018 9:14
 Operator : JU/SJ
 Sample : J5084-05DL 20X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(8-8.5)DL

Quant Time: Oct 04 11:06:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78021	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	293939	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	127629	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	219003	20.00	ng	0.00
75) Chrysene-d12	13.84	240	221553	20.00	ng	0.00
86) Perylene-d12	15.24	264	188740	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	12941	2.73	ng	0.00
7) Phenol-d6	6.35	99	20083	3.32	ng	0.00
23) Nitrobenzene-d5	7.10	82	2984	0.60	ng	-0.18
41) 2,4,6-Tribromophenol	10.52	330	4749	3.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	34726	4.10	ng	-0.02
78) Terphenyl-d14	12.79	244	30358	3.36	ng	-0.02

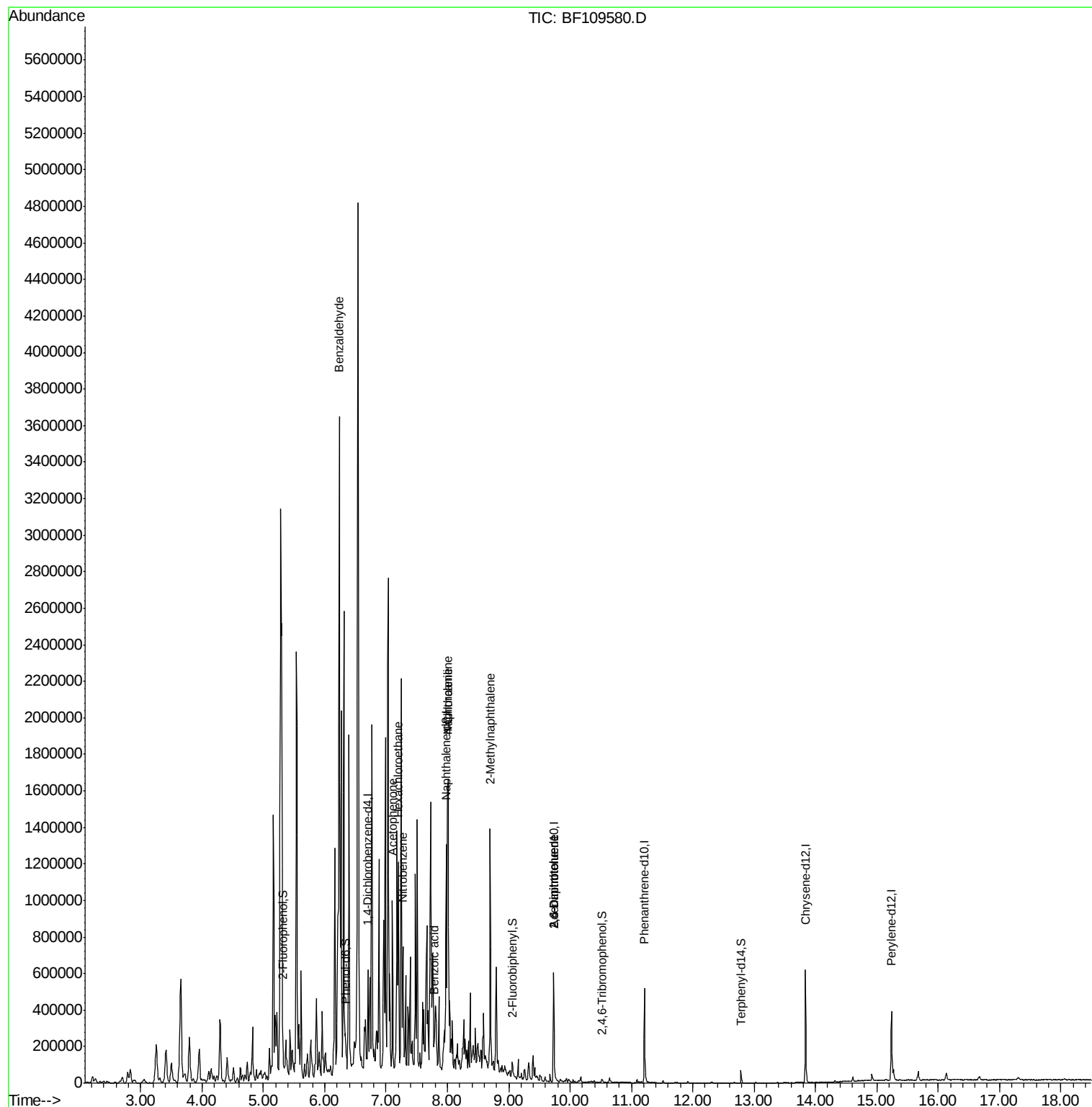
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.24	77	184469	47.507	ng	# 1
18) Hexachloroethane	7.20	117	30725	14.273	ng	# 1
22) Acetophenone	7.10	105	229766	33.810	ng	# 57
24) Nitrobenzene	7.27	77	12833	2.424	ng	# 3
31) Naphthalene	8.01	128	610814	44.469	ng	# 98
32) Benzoic acid	7.78	122	119	6.835	ng	# 1
33) 4-Chloroaniline	8.01	127	77513	12.918	ng	# 37
37) 2-Methylnaphthalene	8.70	142	373216	42.149	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	17692	9.623	ng	# 27
56) 2,4-Dinitrotoluene	9.73	165	17693	7.606	ng	# 24

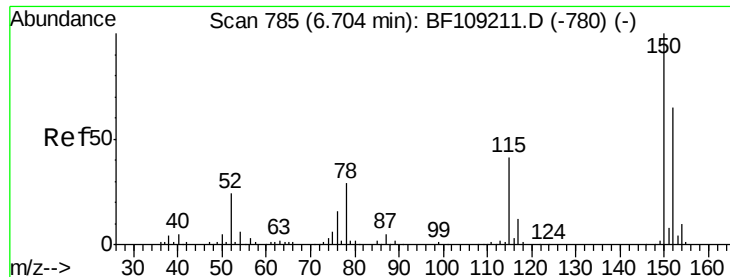
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109580.D
Acq On : 4 Oct 2018 9:14
Operator : JU/SJ
Sample : J5084-05DL 20X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Quant Time: Oct 04 11:06:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



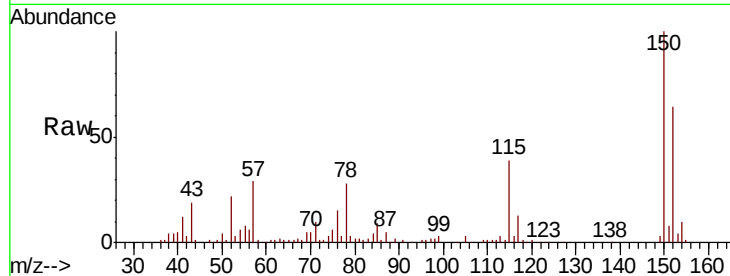


#1

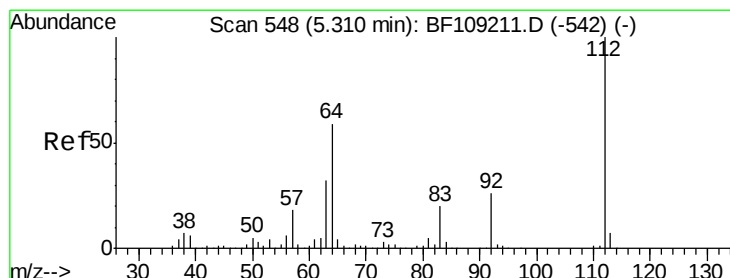
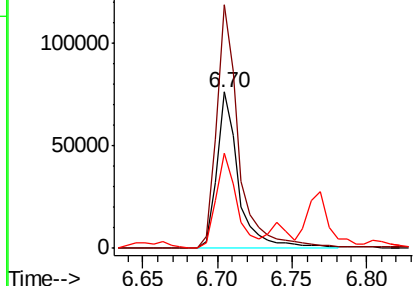
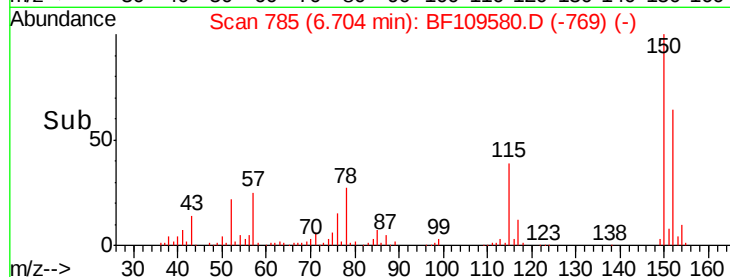
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Tot Ion:152 Resp: 78021
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.8 50.1 75.1



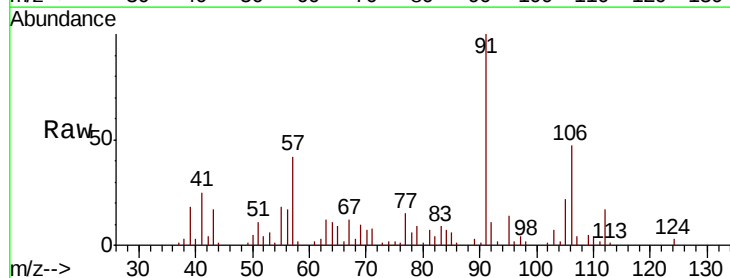
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



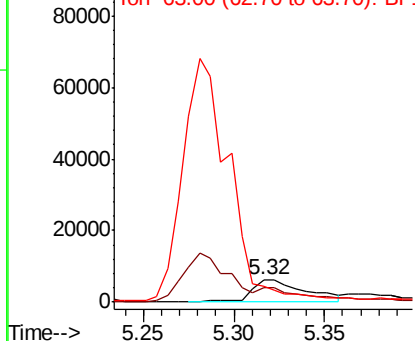
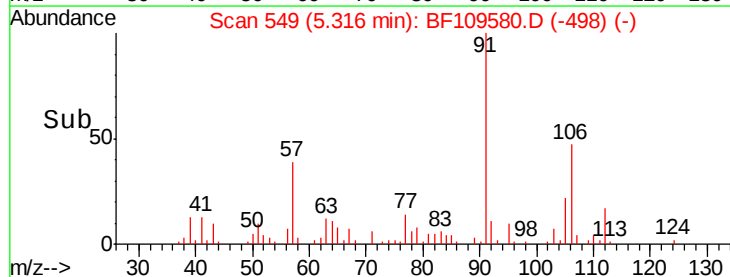
#5

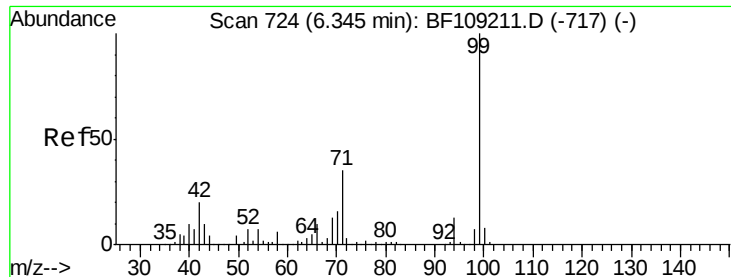
2-Fluorophenol
Concen: 2.732 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt Ion:112 Resp: 12941
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 69.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 3.323 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

Instrument :

BNA_F

ClientSampleId :

B-7(8-8.5)DL

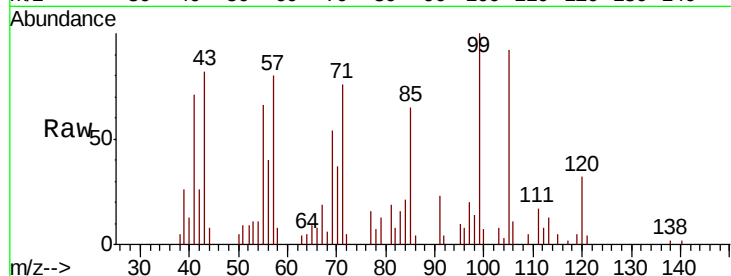
Tot Ion: 99 Resp: 20083

Ion Ratio Lower Upper

99 100

42 26.4 14.5 21.7#

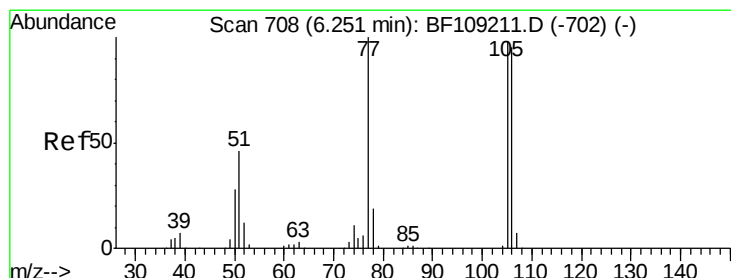
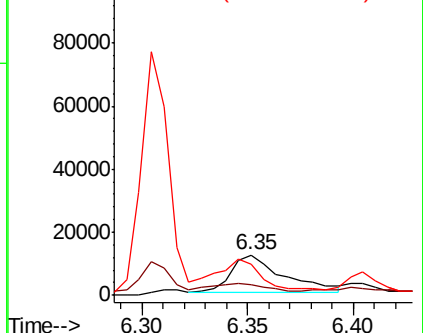
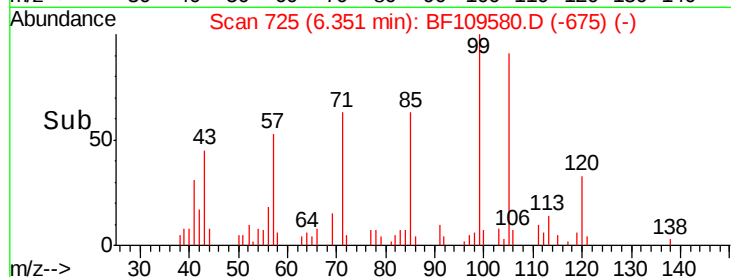
71 75.6 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 47.507 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

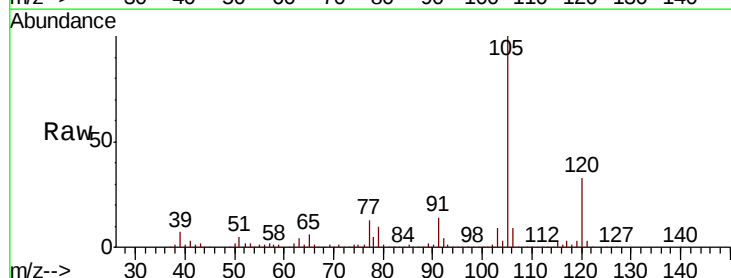
Tgt Ion: 77 Resp: 184469

Ion Ratio Lower Upper

77 100

105 772.5 81.1 121.1#

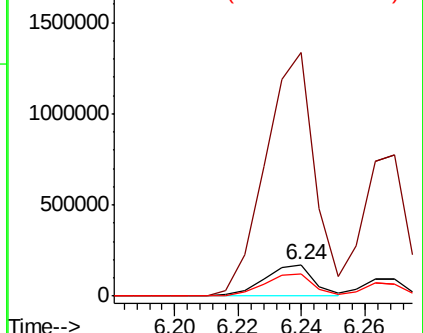
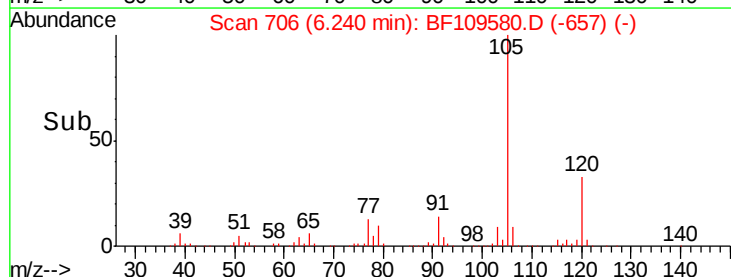
106 69.6 74.5 114.5#

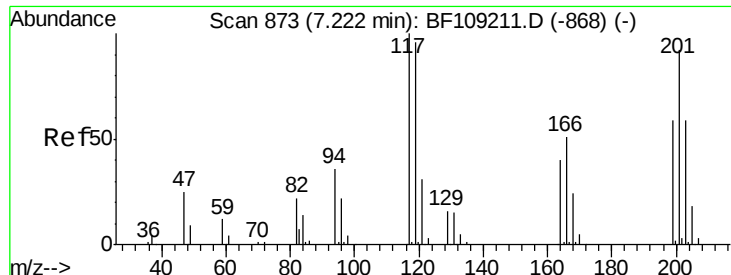


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

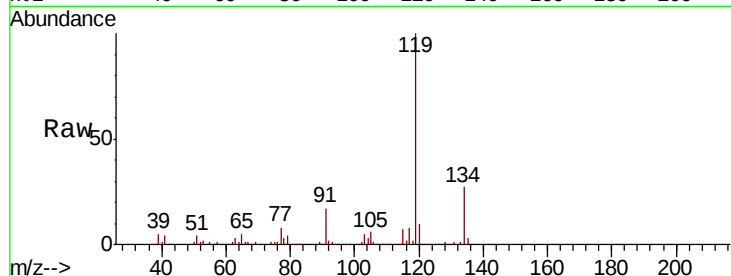




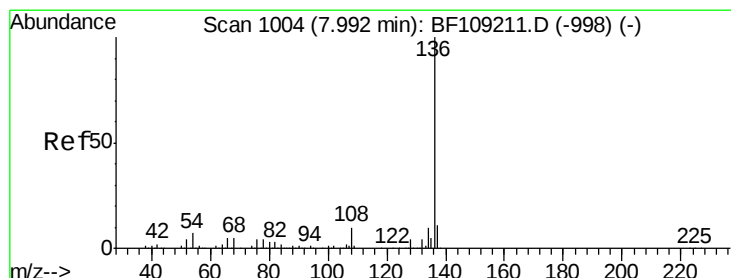
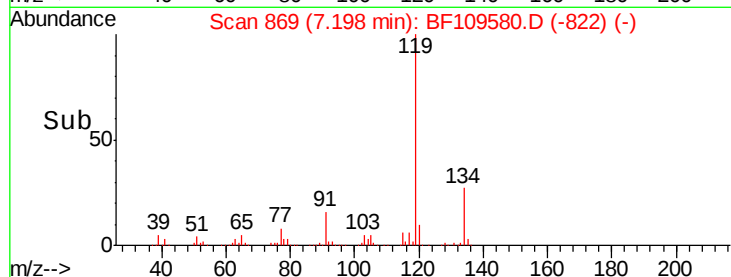
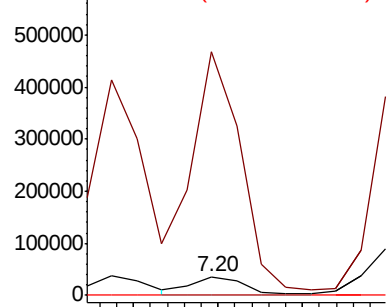
#18
Hexachloroethane
Concen: 14.273 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Tot Ion:117 Resp: 30725
Ion Ratio Lower Upper
117 100
119 1284.4 75.8 113.8#
201 0.0 75.7 113.5#



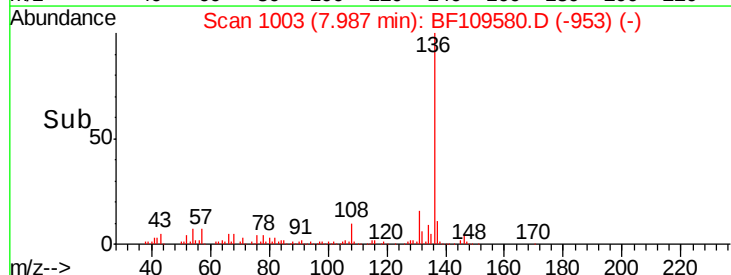
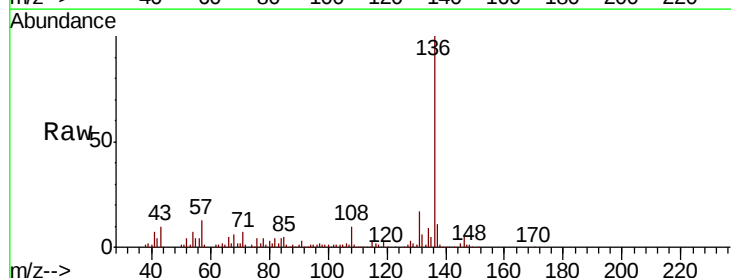
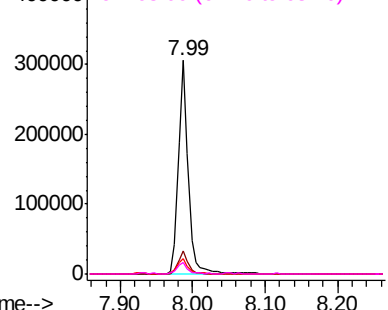
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

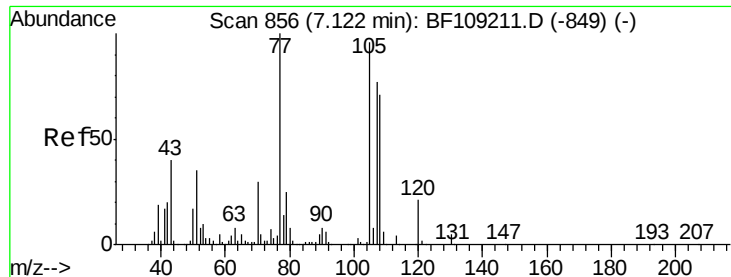


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt Ion:136 Resp: 293939
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.5 6.6 9.8
68 5.5 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 33.810 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

Instrument :

BNA_F

ClientSampleId :

B-7(8-8.5)DL

Tot Ion:105 Resp: 229766

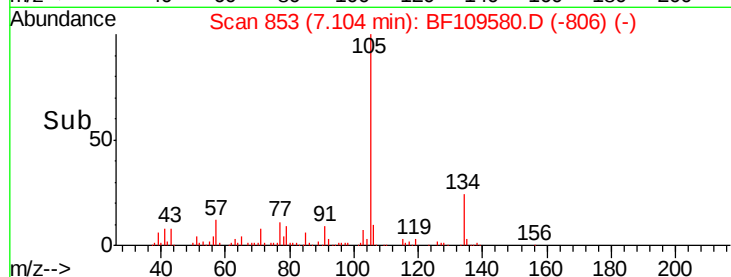
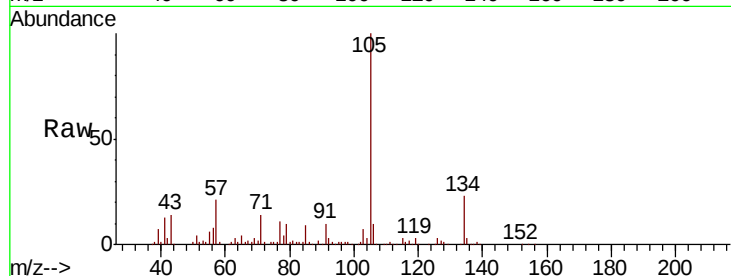
Ion Ratio Lower Upper

105 100

71 14.3 4.4 6.6#

51 3.9 22.3 33.5#

120 0.5 16.9 25.3#

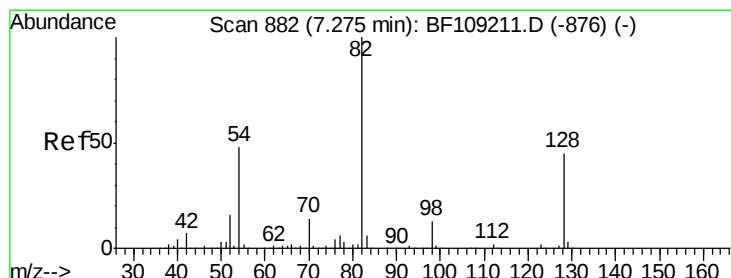
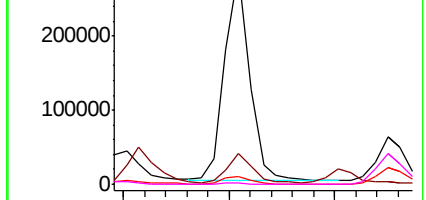


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 0.599 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.18 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

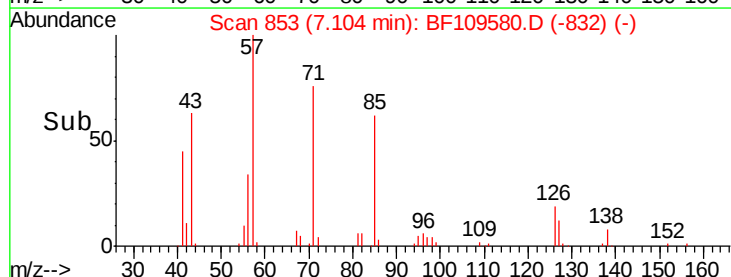
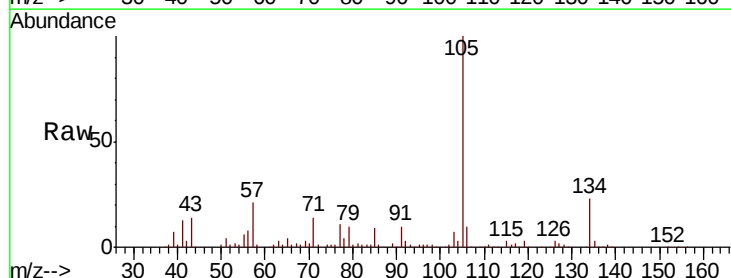
Tgt Ion: 82 Resp: 2984

Ion Ratio Lower Upper

82 100

128 49.3 36.1 54.1

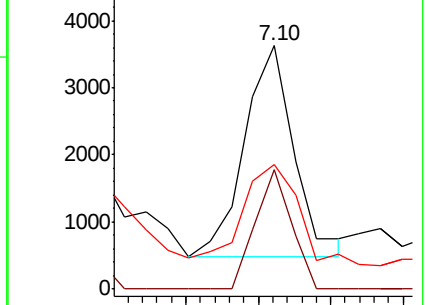
54 51.3 41.4 62.2

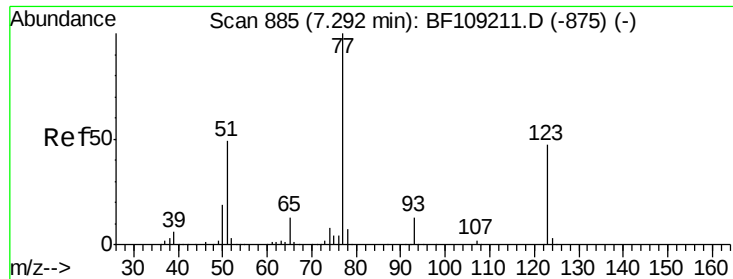


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

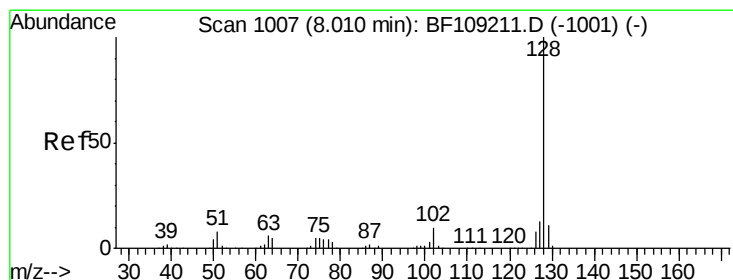
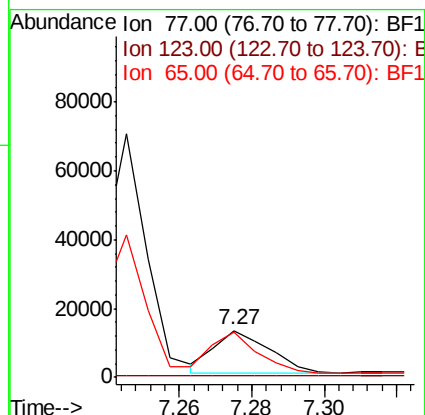
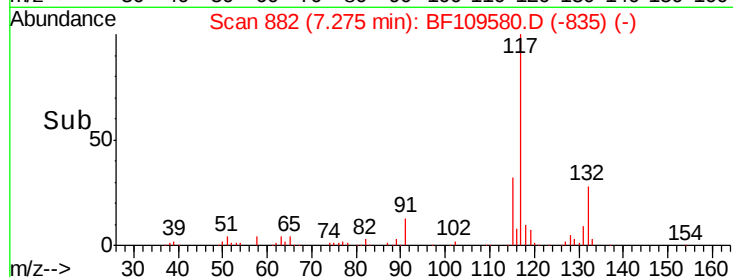
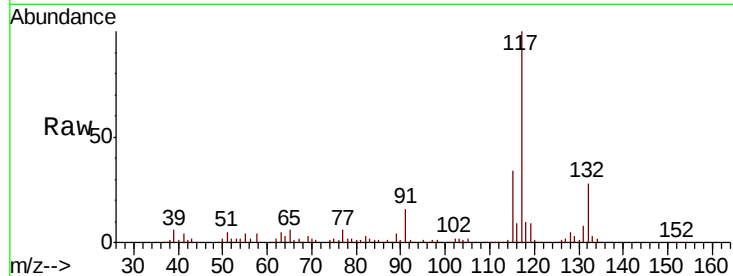




#24
Nitrobenzene
Concen: 2.424 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

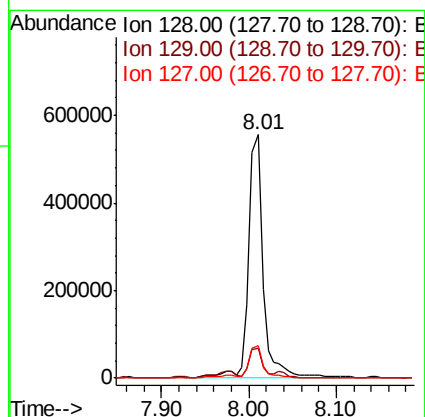
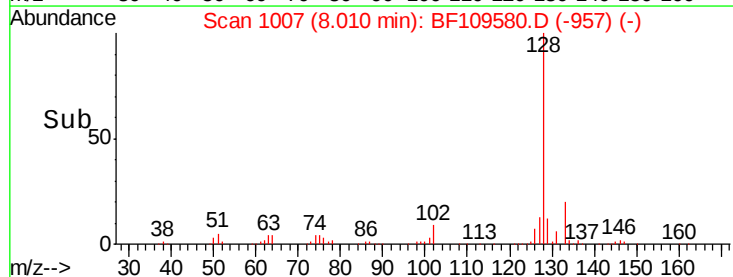
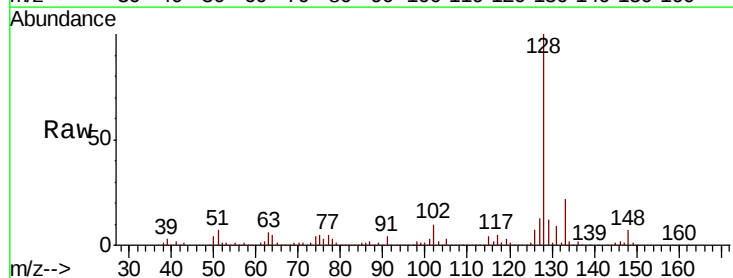
Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

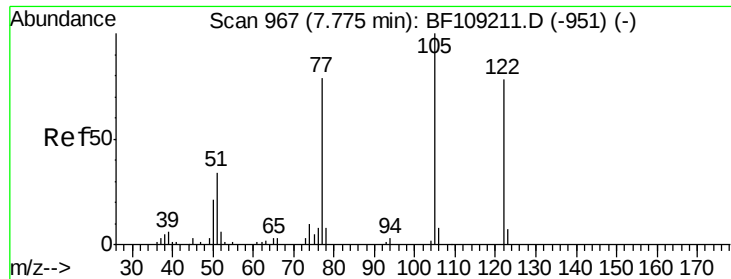
Tot Ion	Ratio	Lower	Upper
77	100		
123	3.9	37.9	56.9#
65	97.2	11.0	16.4#



#31
Naphthalene
Concen: 44.469 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.5	10.9	16.3





#32

Benzoic acid

Concen: 6.835 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.04 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

Instrument :

BNA_F

ClientSampleId :

B-7(8-8.5)DL

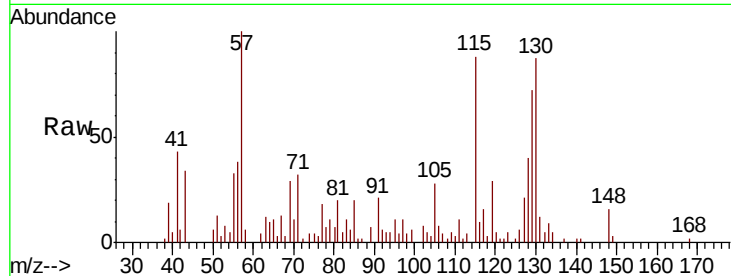
Tot Ion:122 Resp: 119

Ion Ratio Lower Upper

122 100

105 1417.5 101.1 141.1#

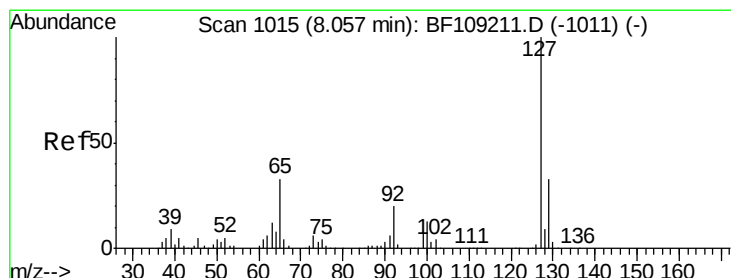
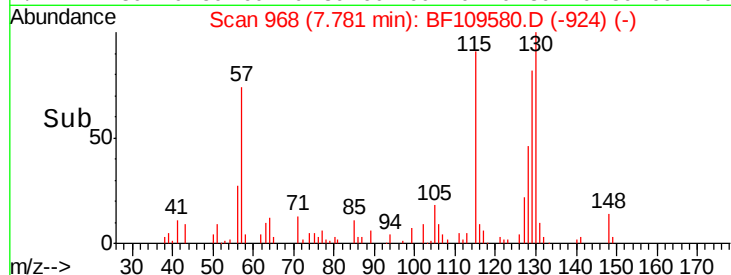
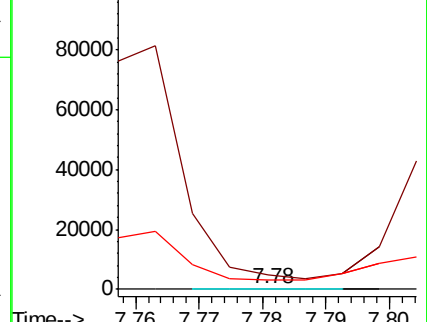
77 926.1 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 12.918 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.05 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

Tgt Ion:127 Resp: 77513

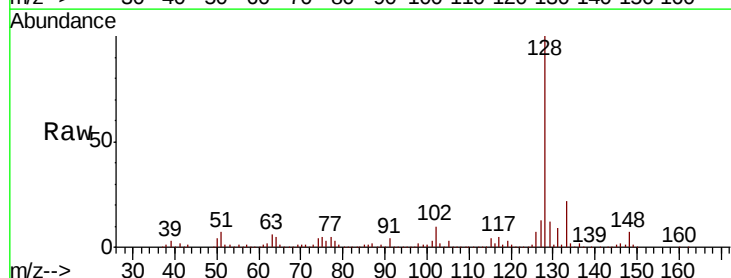
Ion Ratio Lower Upper

127 100

129 90.5 25.9 38.9#

65 10.7 25.0 37.4#

92 3.0 15.2 22.8#

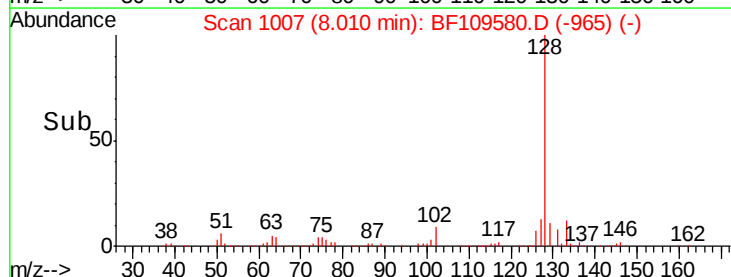
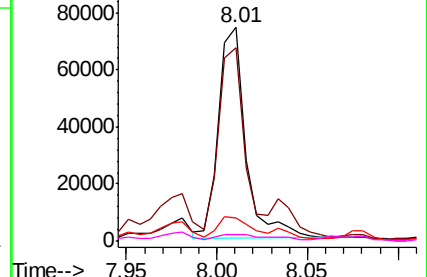


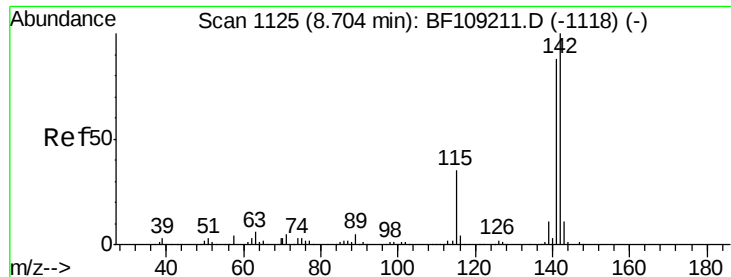
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

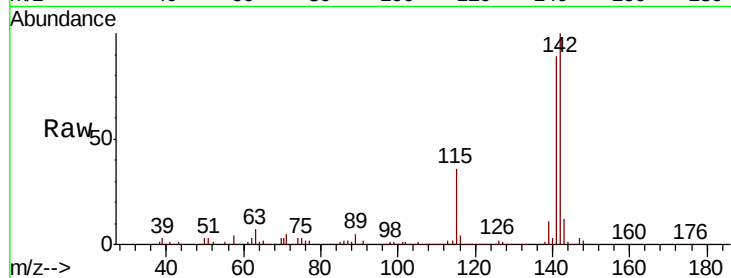




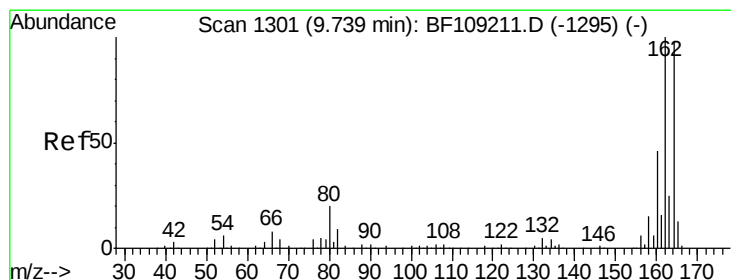
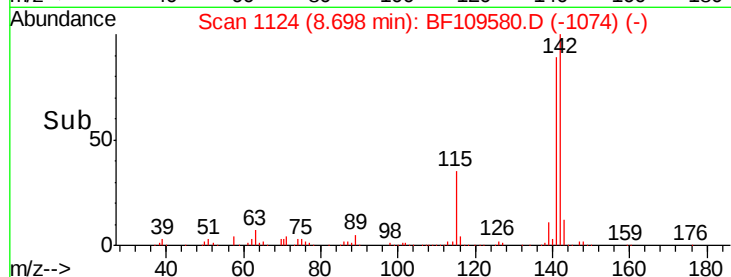
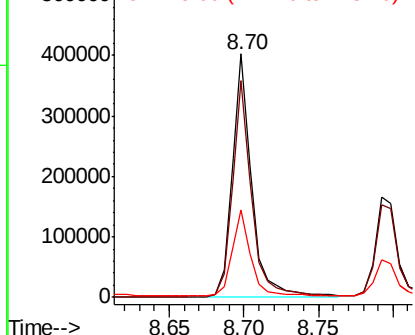
#37
2-Methylnaphthalene
Concen: 42.149 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Instrument :
BNA_F
ClientSampleID :
B-7(8-8.5)DL

Tot Ion:142 Resp: 373216
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 35.7 26.1 39.1

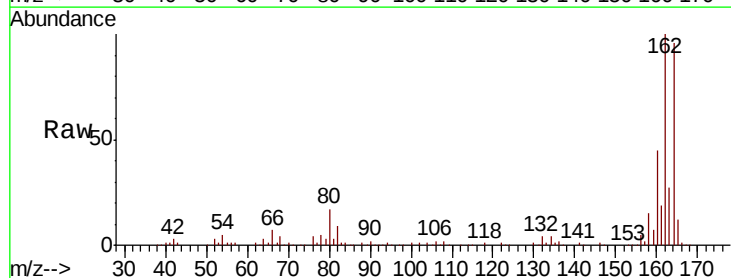


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

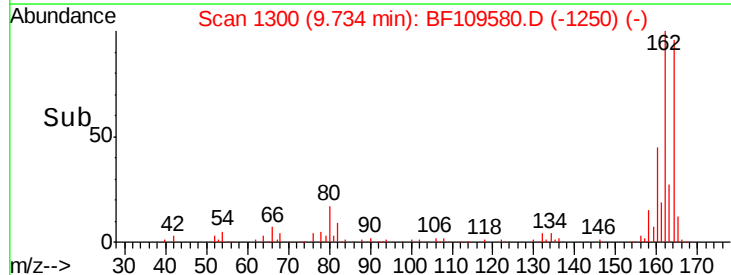
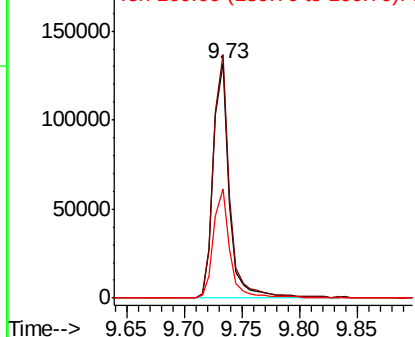


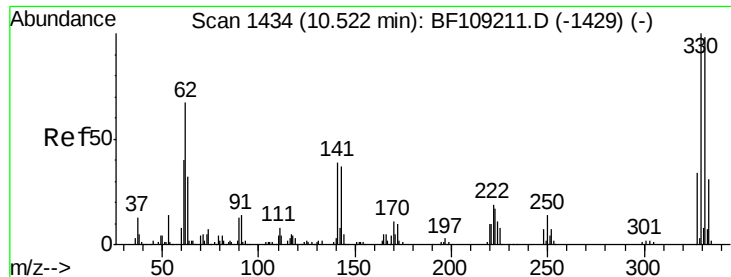
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt Ion:164 Resp: 127629
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

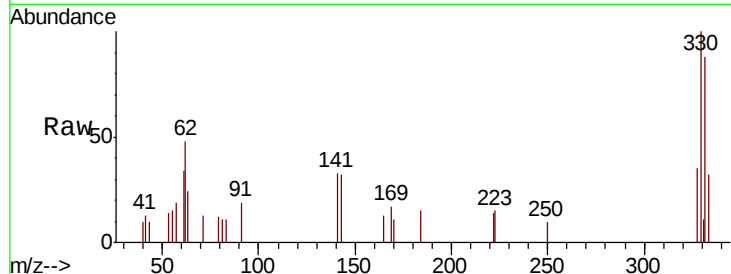




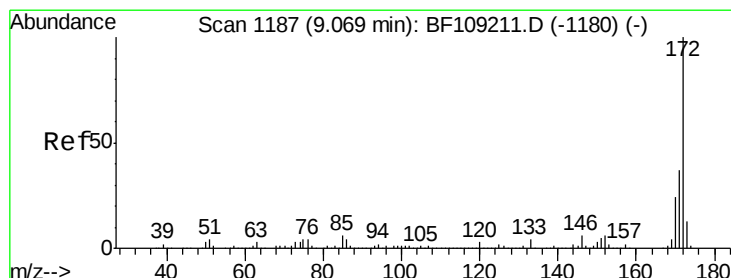
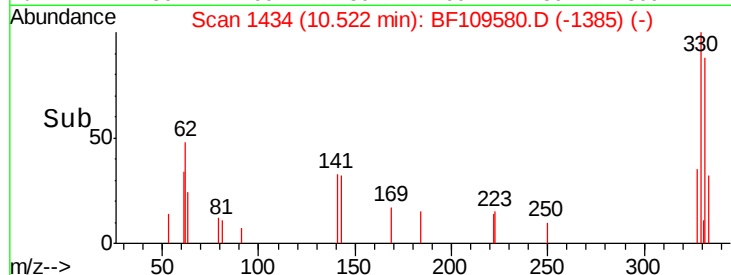
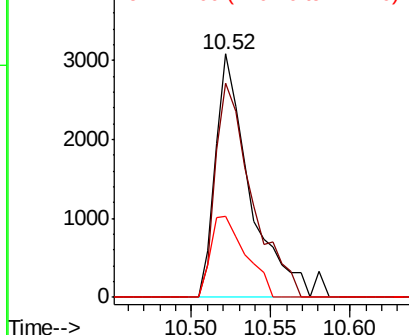
#41
 2,4,6-Tribromophenol
 Concen: 3.775 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109580.D
 Acq: 4 Oct 2018 9:14

Instrument :
 BNA_F
 ClientSampleId :
 B-7(8-8.5)DL

Tot Ion:330 Resp: 4749
 Ion Ratio Lower Upper
 330 100
 332 91.3 77.0 115.6
 141 33.4 29.9 44.9

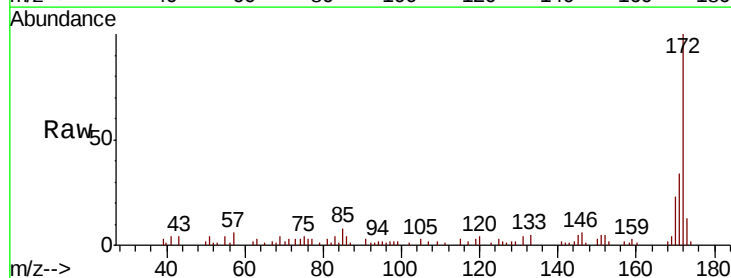


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

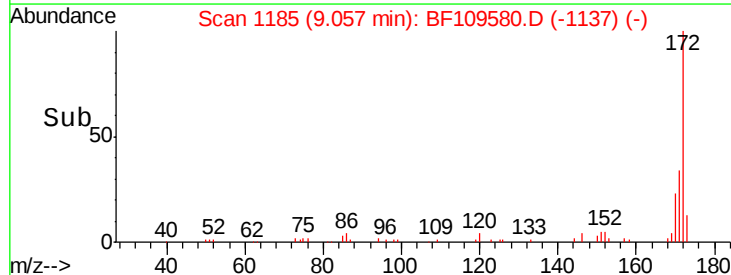
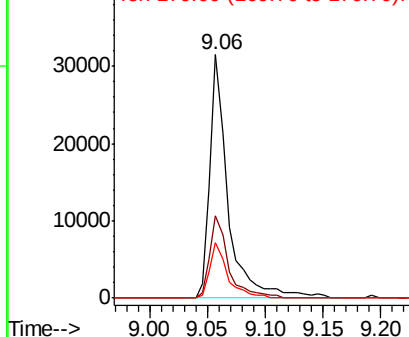


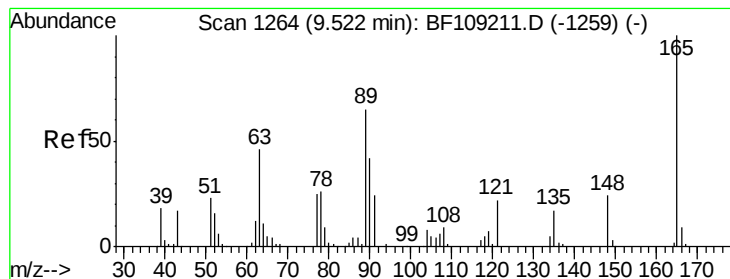
#44
 2-Fluorobiphenyl
 Concen: 4.104 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109580.D
 Acq: 4 Oct 2018 9:14

Tgt Ion:172 Resp: 34726
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 22.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 9.623 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.20 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

Instrument :

BNA_F

ClientSampleId :

B-7(8-8.5)DL

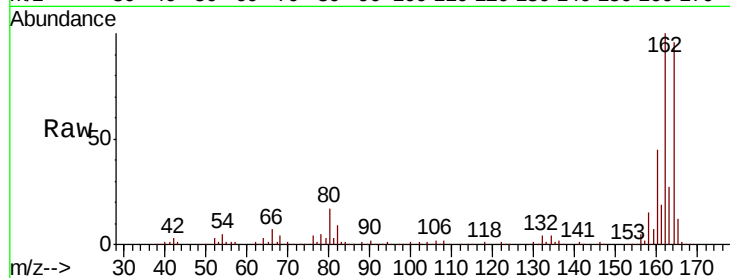
Tot Ion:165 Resp: 17692

Ion Ratio Lower Upper

165 100

63 2.1 44.7 67.1#

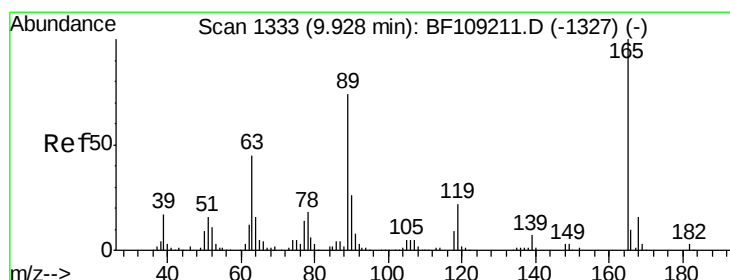
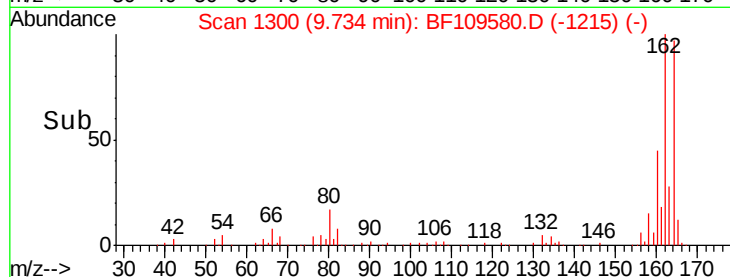
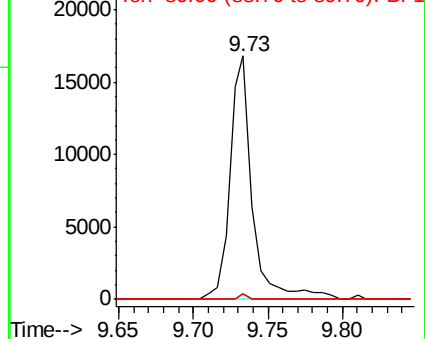
89 2.2 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 7.606 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.21 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

Tgt Ion:165 Resp: 17693

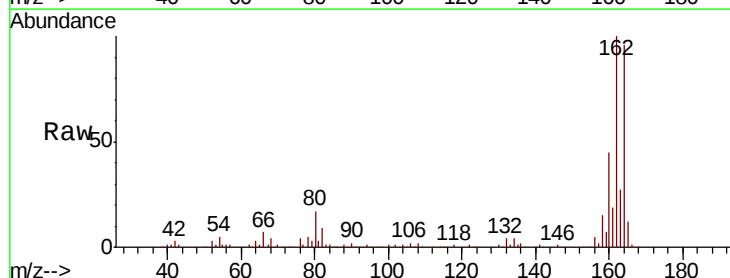
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 2.2 57.8 86.6#

182 0.0 1.6 2.4#

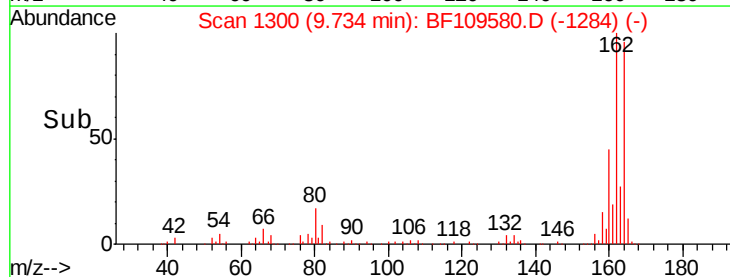
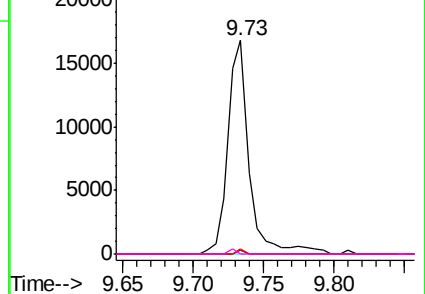


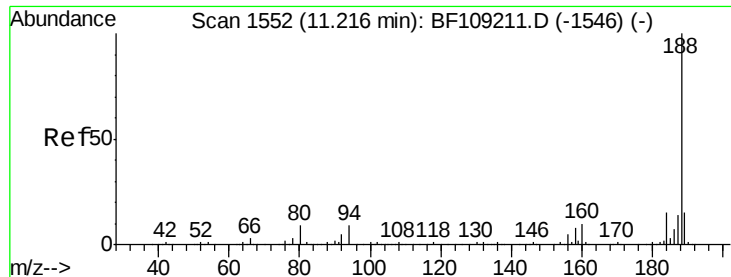
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

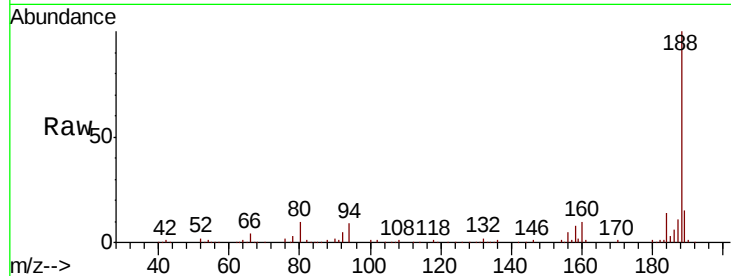




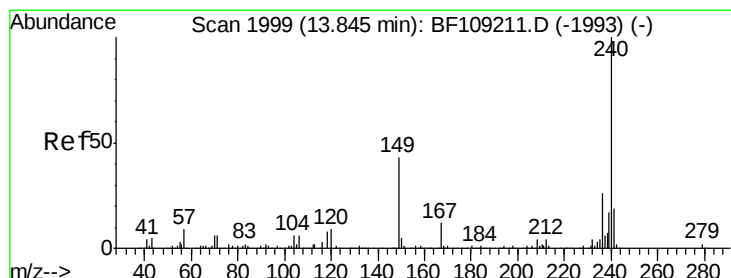
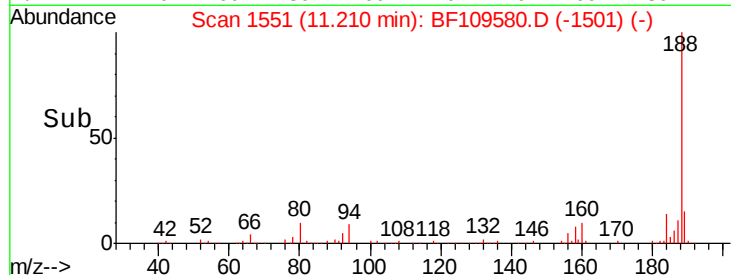
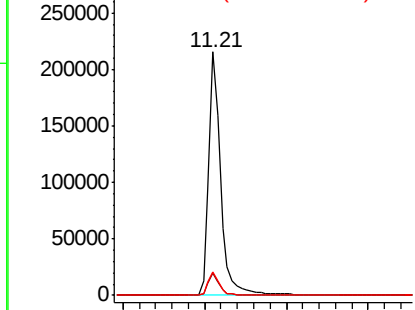
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)DL

Tot Ion:188 Resp: 219003
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.7 9.2 13.8

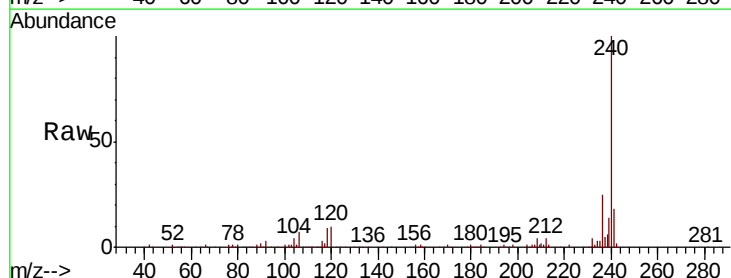


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

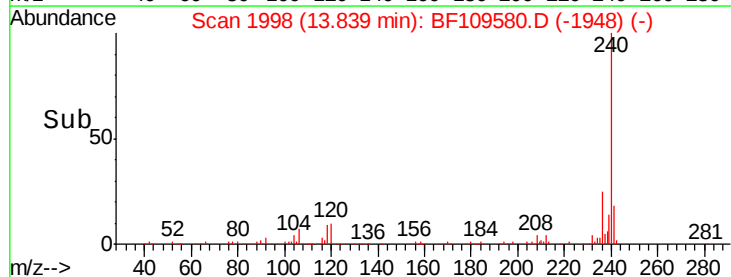
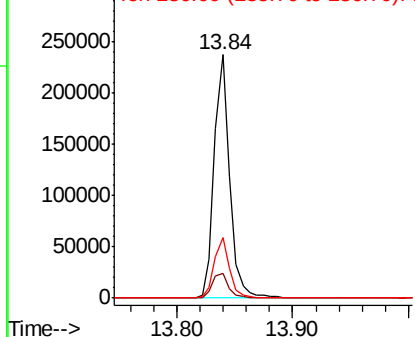


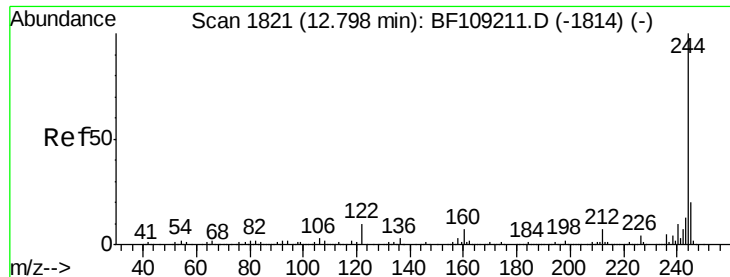
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109580.D
Acq: 4 Oct 2018 9:14

Tgt Ion:240 Resp: 221553
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3.363 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

Instrument :

BNA_F

ClientSampleId :

B-7(8-8.5)DL

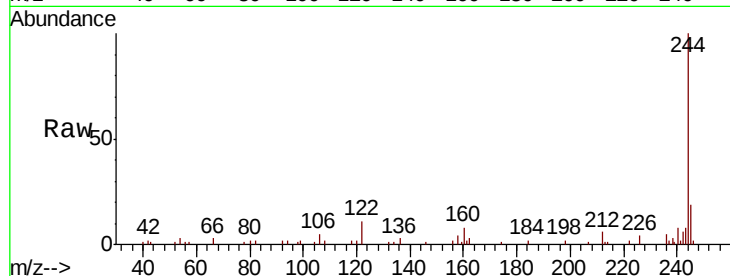
Tot Ion:244 Resp: 30358

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

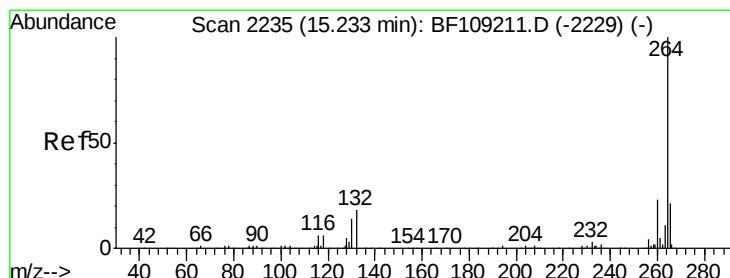
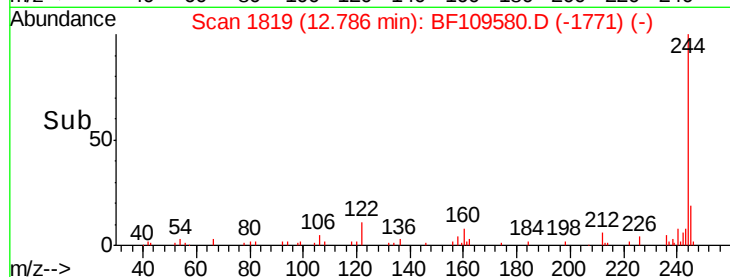
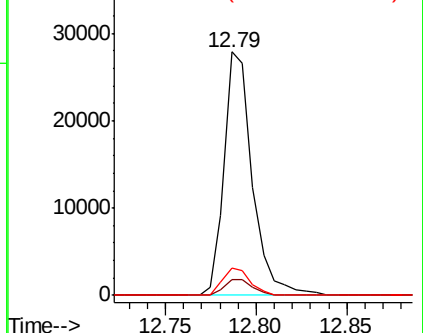
122 11.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109580.D

Acq: 4 Oct 2018 9:14

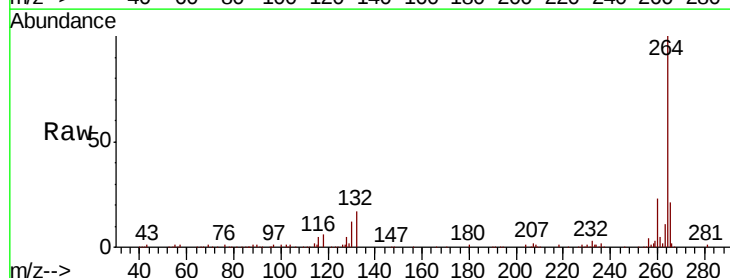
Tgt Ion:264 Resp: 188740

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

