

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109009.D
 Acq On : 14 Sep 2018 21:46
 Operator : JU/SJ
 Sample : J4892-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Quant Time: Sep 17 13:09:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

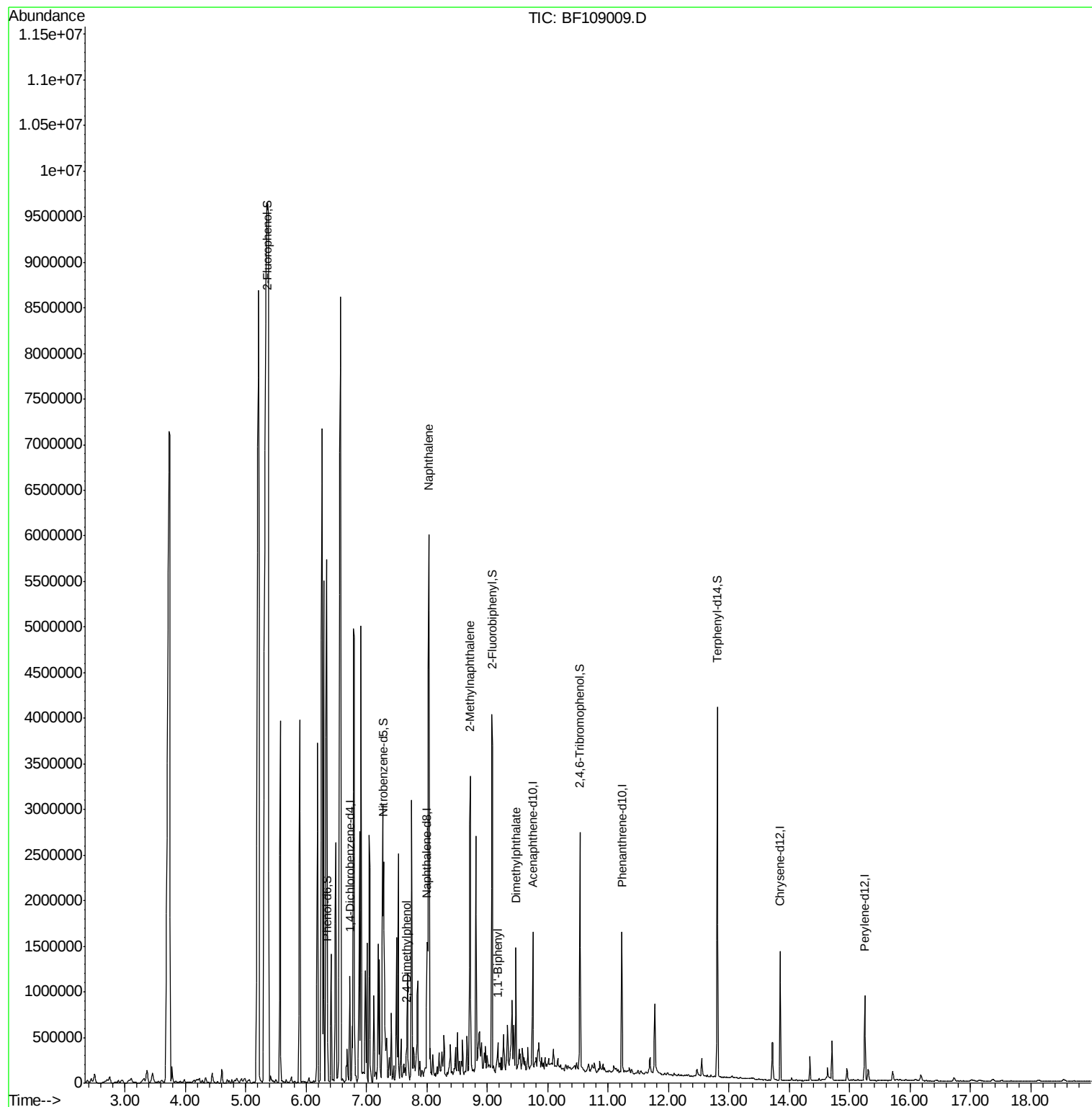
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158704	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	602845	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	299081	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	582475	20.00	ng	0.00
75) Chrysene-d12	13.85	240	456784	20.00	ng	-0.01
86) Perylene-d12	15.25	264	416891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	118846	12.44	ng	0.03
7) Phenol-d6	6.35	99	292935	23.77	ng	0.00
23) Nitrobenzene-d5	7.28	82	741672	69.00	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	329451	101.50	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1310011	68.62	ng	0.00
78) Terphenyl-d14	12.81	244	1403079	72.81	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.66	122	21332	2.628	ng	99
31) Naphthalene	8.03	128	3103340	110.911	ng	96
37) 2-Methylnaphthalene	8.72	142	870720	47.739	ng	99
45) 1,1'-Biphenyl	9.18	154	78060	3.262	ng	95
49) Dimethylphthalate	9.47	163	493049	23.065	ng	99

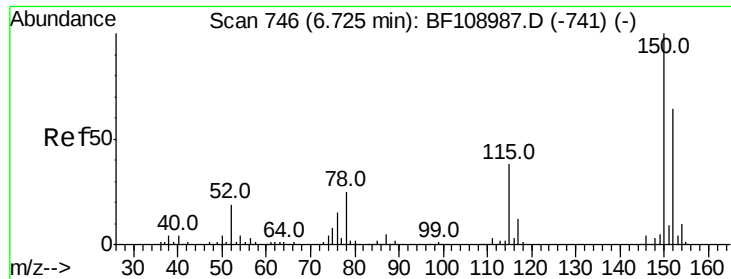
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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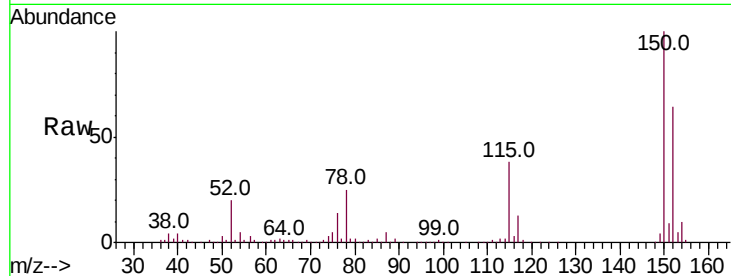


#1

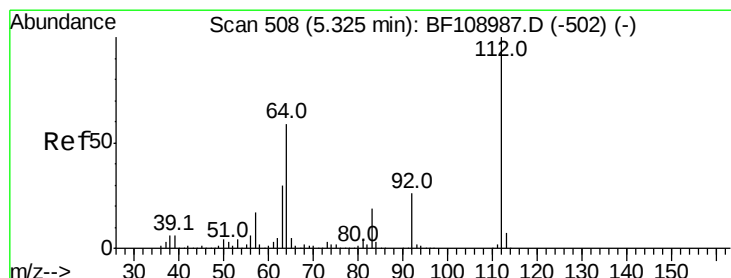
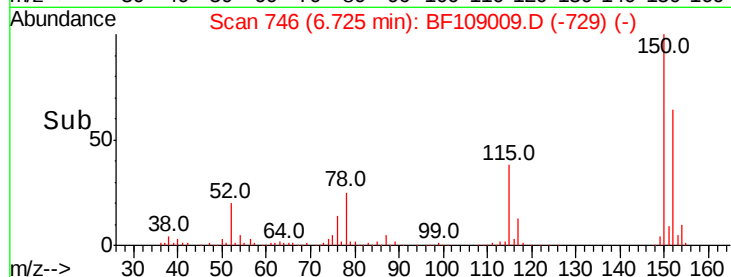
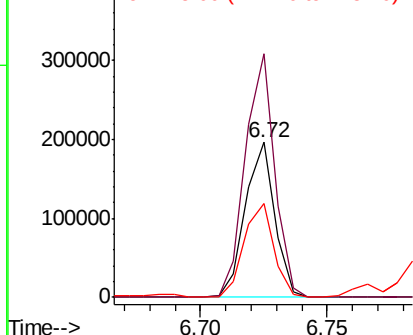
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tot Ion:152 Resp: 158704
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 60.4 50.1 75.1



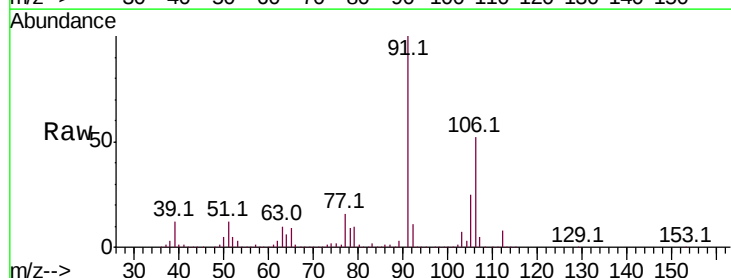
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



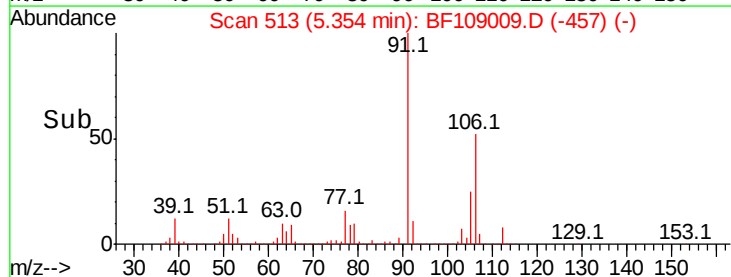
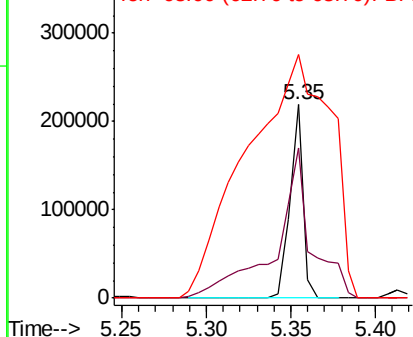
#5

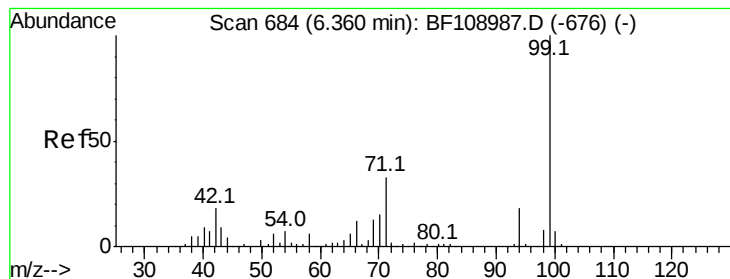
2-Fluorophenol
 Concen: 12.438 ng
 RT: 5.35 min Scan# 513
 Delta R.T. 0.03 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Tgt Ion:112 Resp: 118846
 Ion Ratio Lower Upper
 112 100
 64 77.8 47.9 71.9#
 63 126.1 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: 23.775 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

C-MW-05-091218

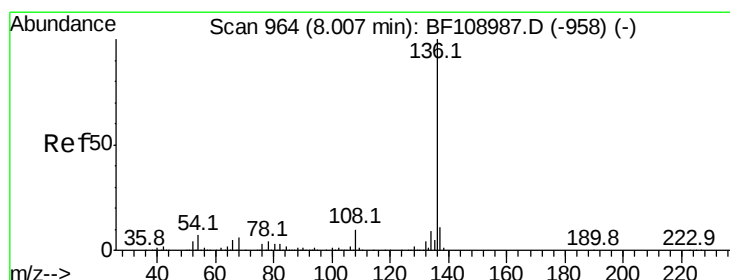
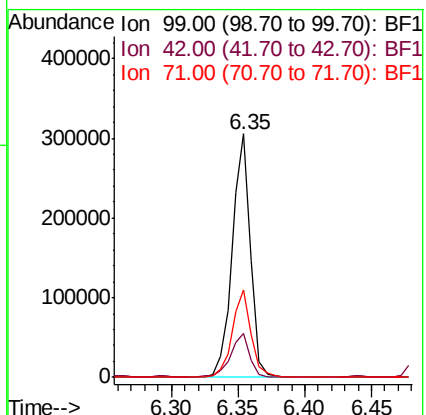
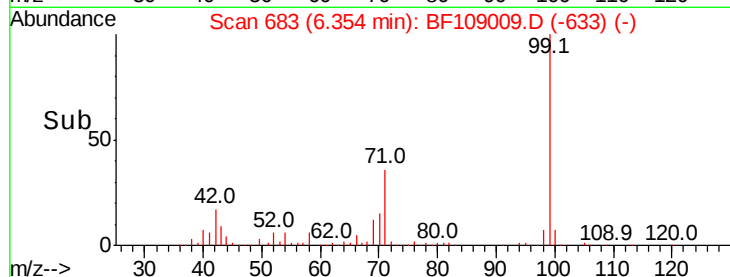
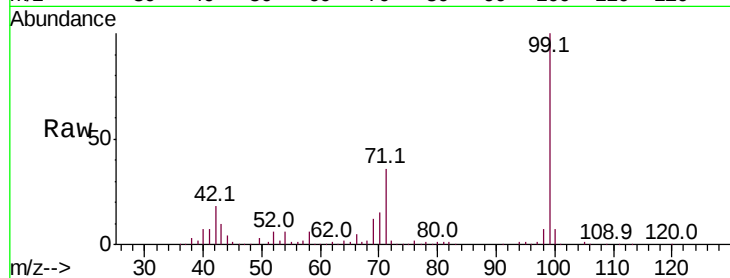
Tot Ion: 99 Resp: 292935

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 35.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Tgt Ion: 136 Resp: 602845

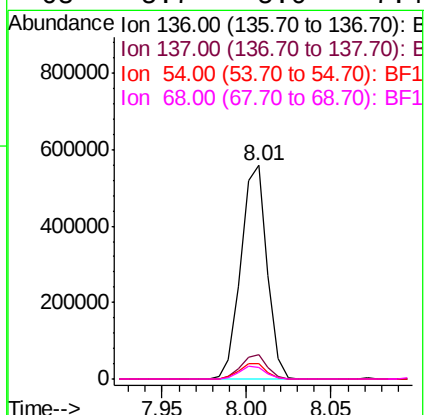
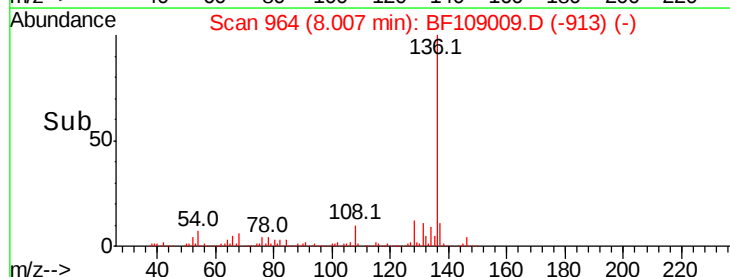
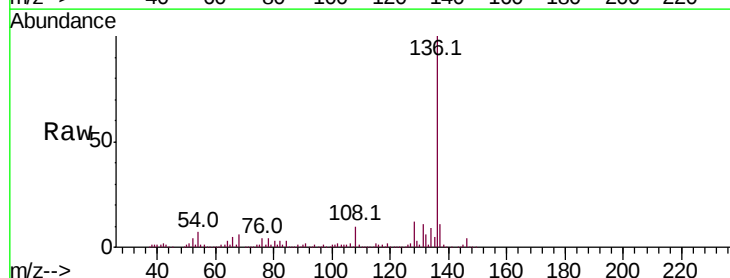
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 6.6 9.8

68 5.7 5.0 7.4

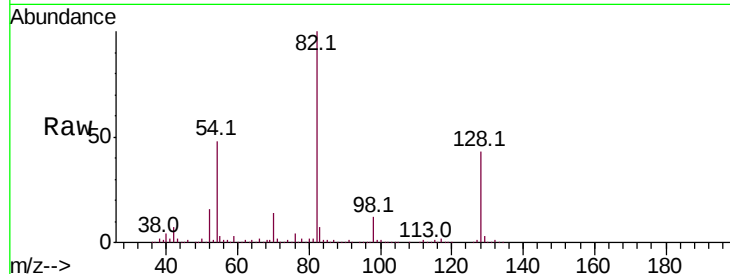




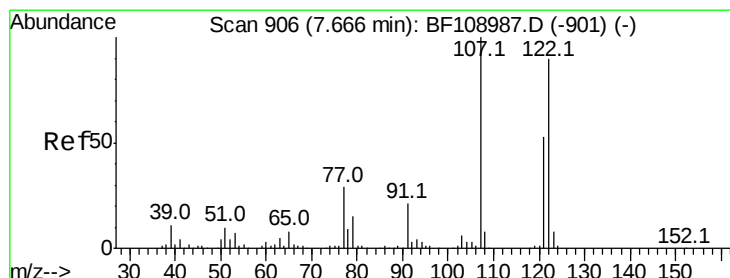
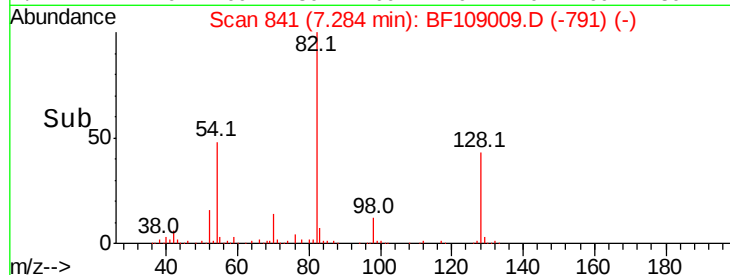
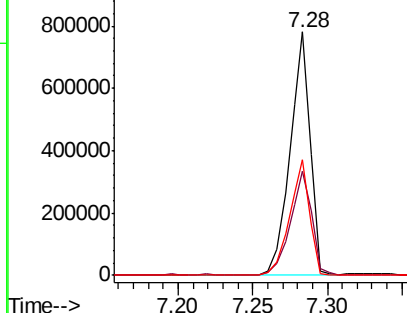
#23
 Nitrobenzene-d5
 Concen: 69.005 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tot Ion: 82 Resp: 741672
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 47.6 41.4 62.2

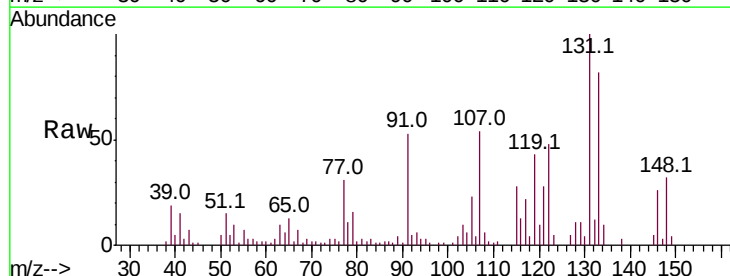


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

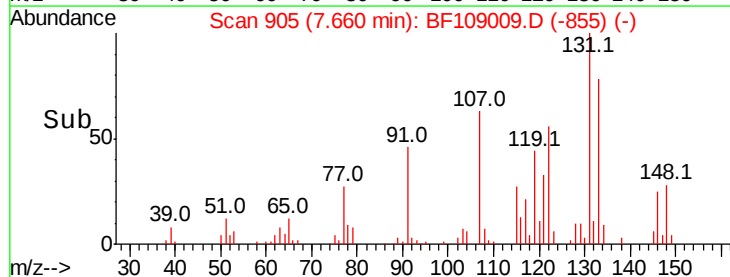
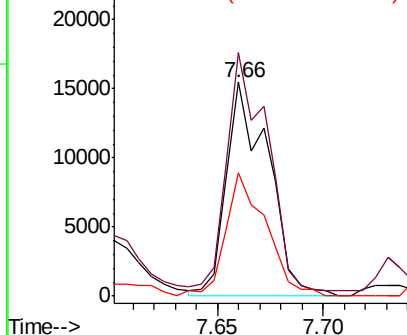


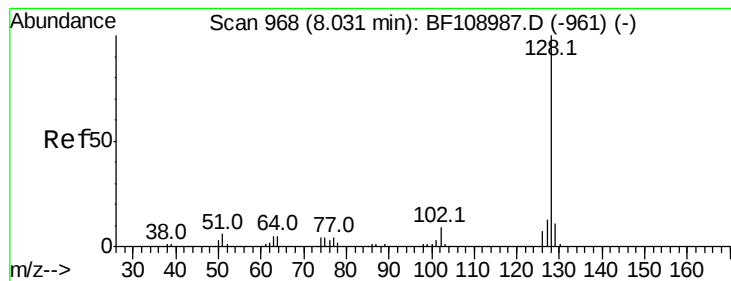
#27
 2,4-Dimethylphenol
 Concen: 2.628 ng
 RT: 7.66 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Tgt Ion: 122 Resp: 21332
 Ion Ratio Lower Upper
 122 100
 107 113.9 91.2 136.8
 121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 107.00 (106.70 to 107.70): BF1
 Ion 121.00 (120.70 to 121.70): BF1





#31

Naphthalene

Concen: 110.911 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

C-MW-05-091218

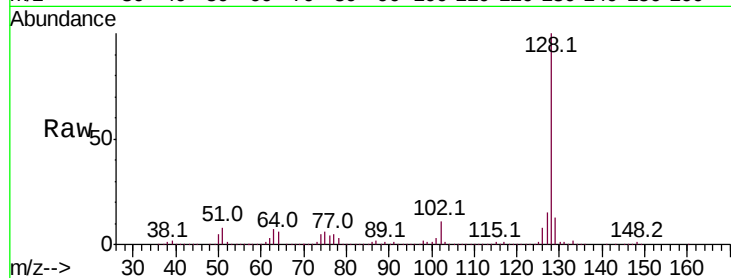
Tot Ion:128 Resp: 3103340

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

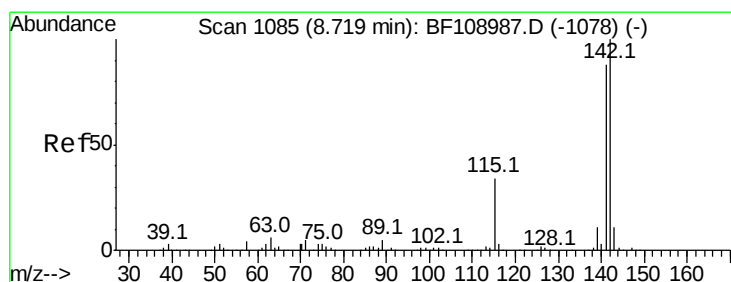
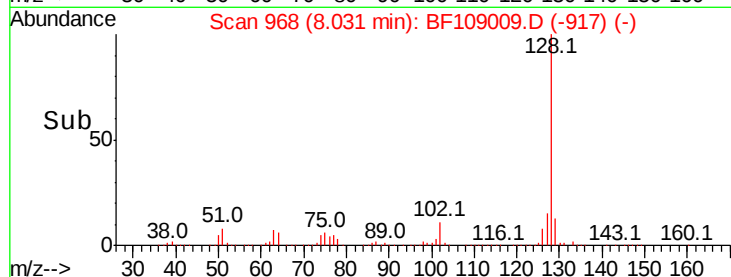
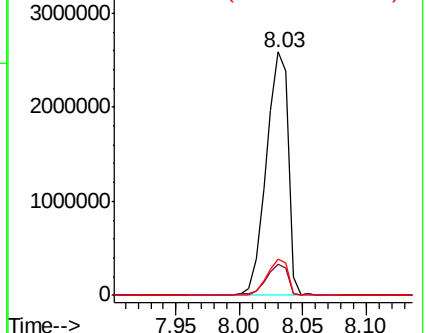
127 14.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 47.739 ng

RT: 8.72 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

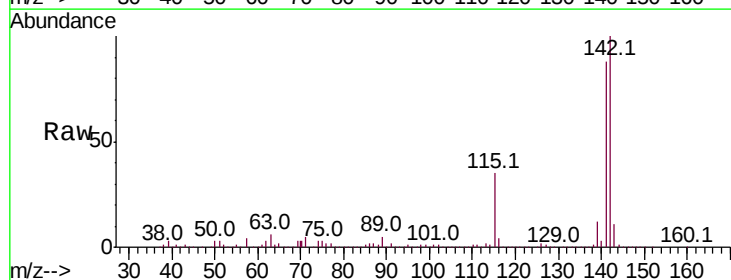
Tgt Ion:142 Resp: 870720

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

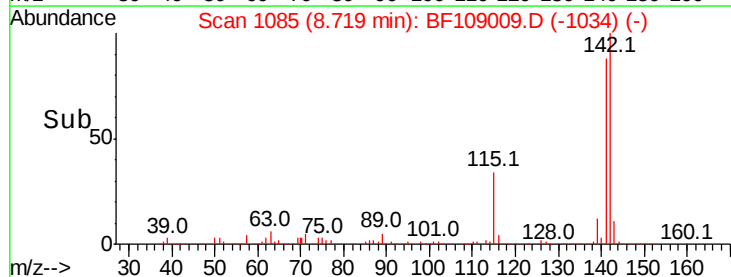
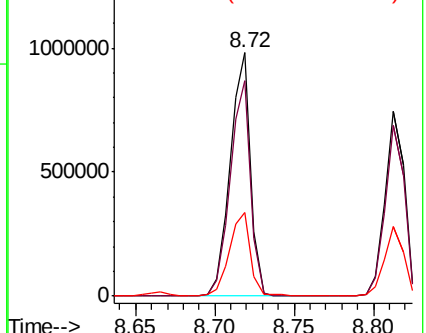
115 34.5 26.1 39.1

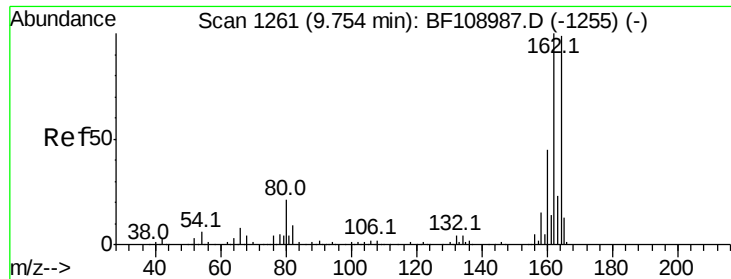


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

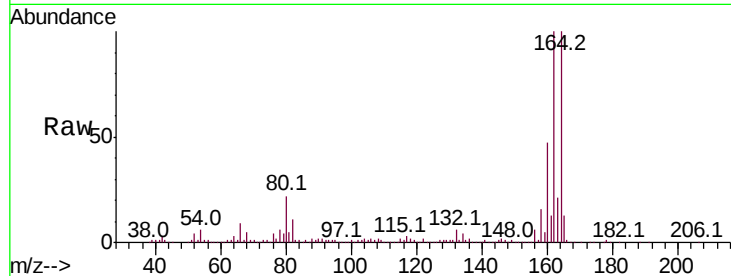




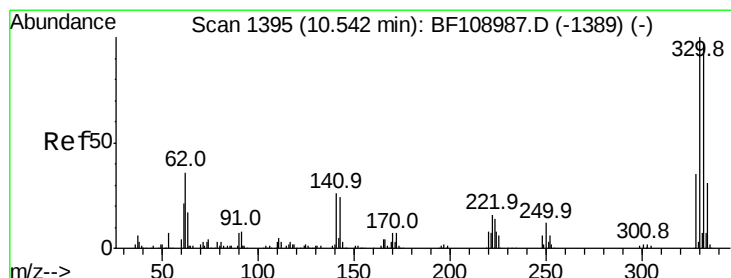
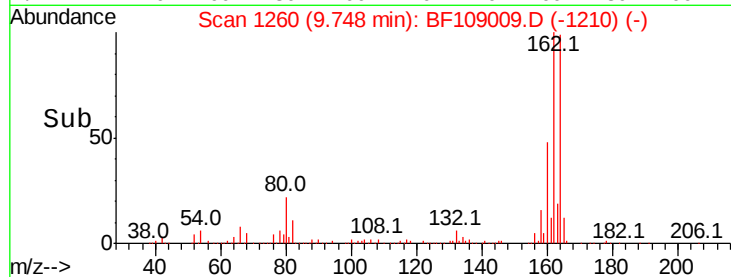
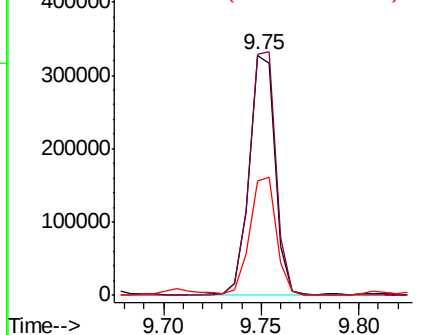
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	86.1	129.1
160	47.6	38.3	57.5

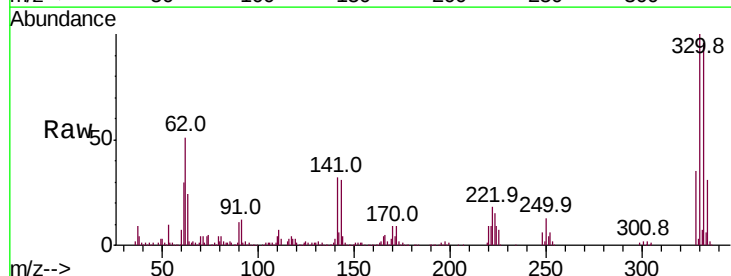


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

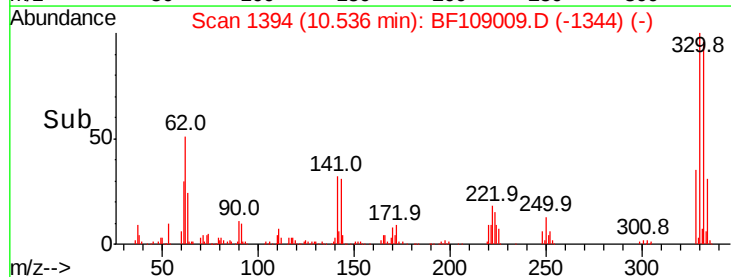
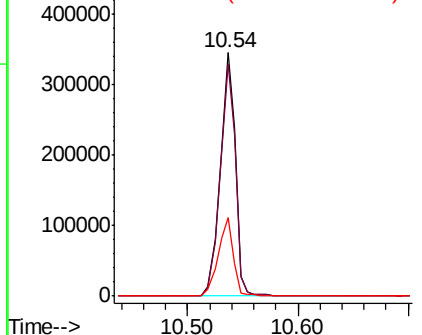


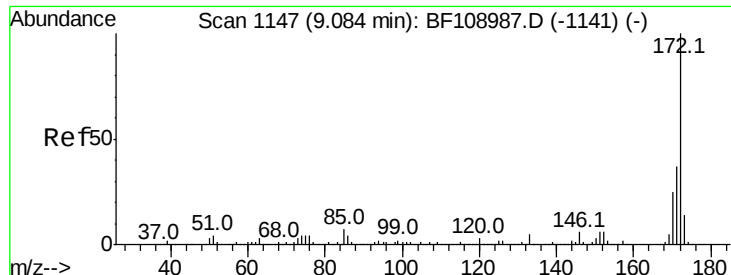
#41
 2,4,6-Tribromophenol
 Concen: 101.500 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.8	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



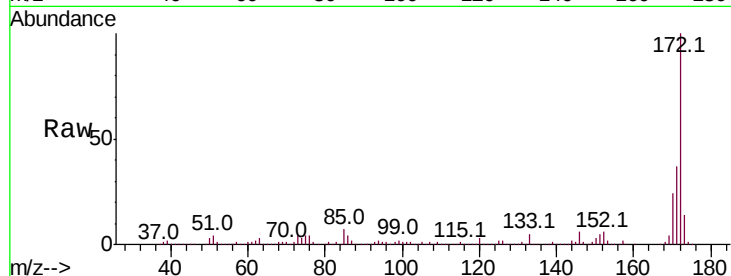


#44
 2-Fluorobiphenyl
 Concen: 68.625 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

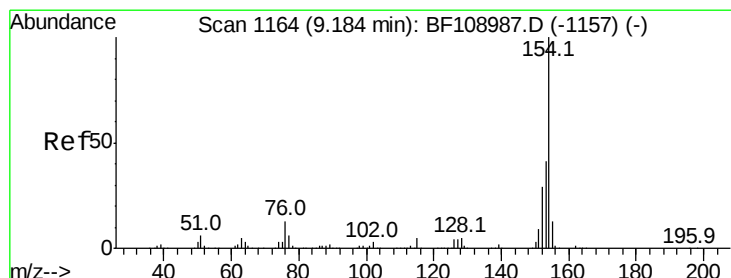
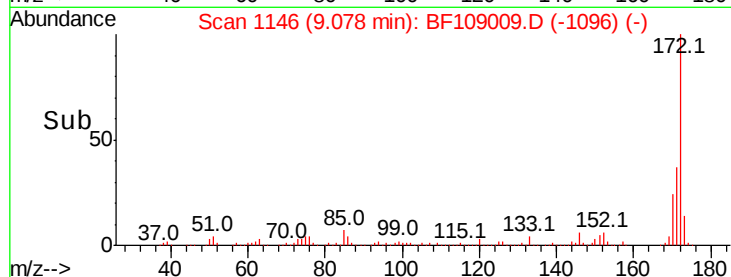
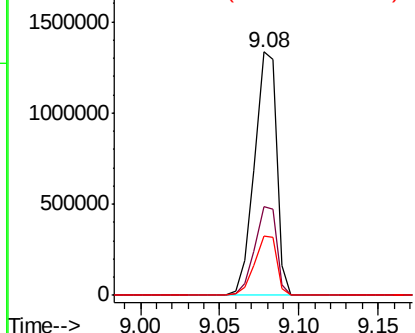
Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tot Ion:172 Resp: 1310011

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



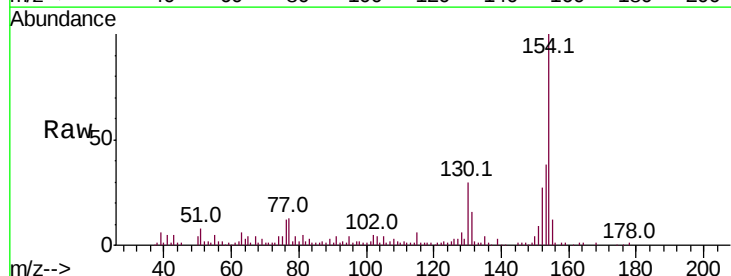
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



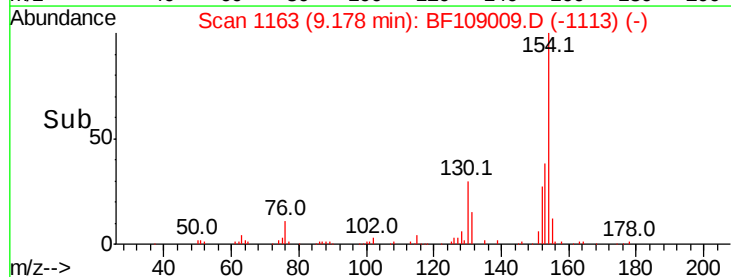
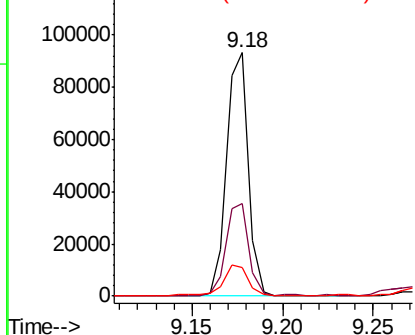
#45
 1,1'-Biphenyl
 Concen: 3.262 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

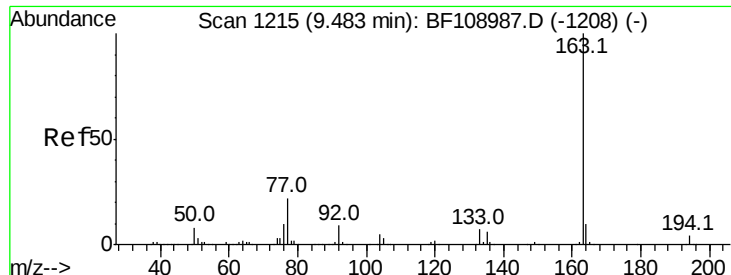
Tgt Ion:154 Resp: 78060

Ion	Ratio	Lower	Upper
154	100		
153	38.1	21.3	61.3
76	12.0	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

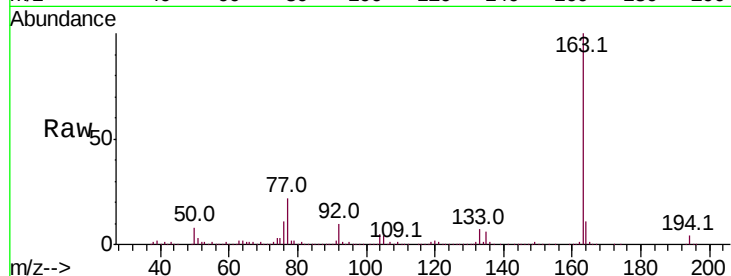




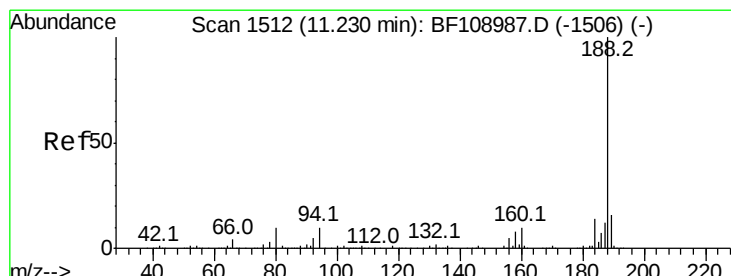
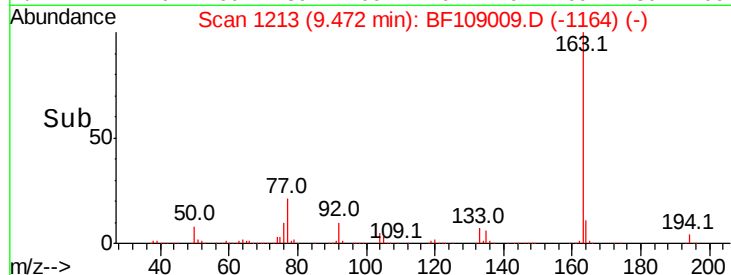
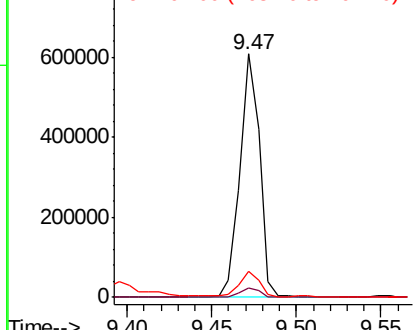
#49
Dimethylphthalate
Concen: 23.065 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109009.D
Acq: 14 Sep 2018 21:46

Instrument :
BNA_F
ClientSampleId :
C-MW-05-091218

Tot Ion:163 Resp: 493049
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.8 8.2 12.2

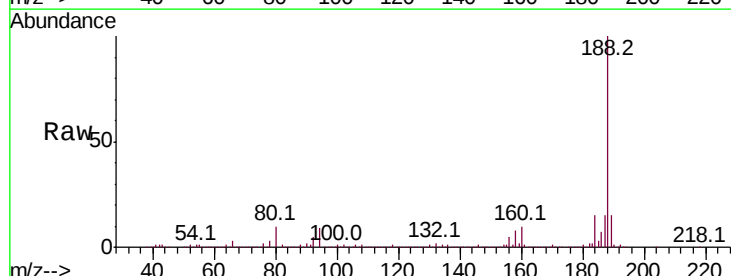


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

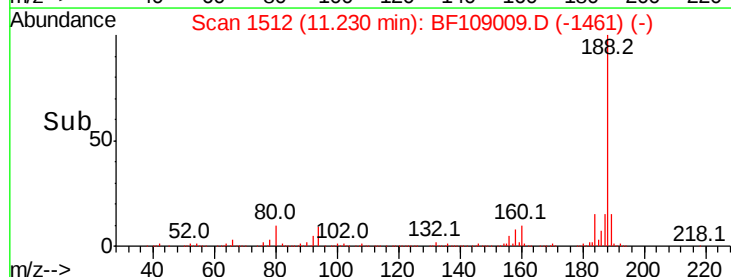
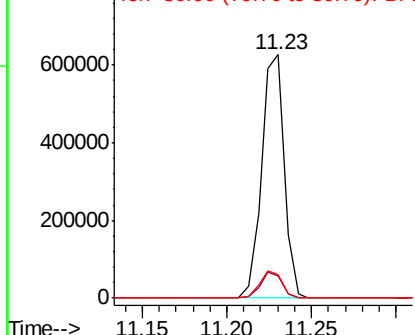


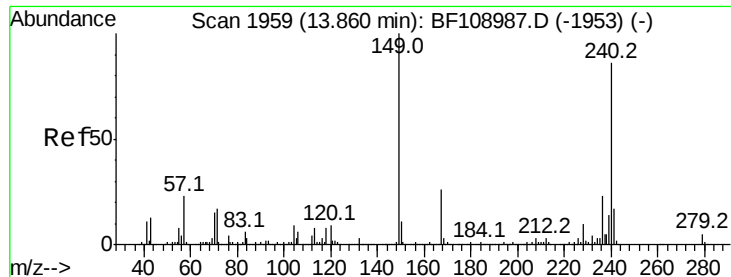
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109009.D
Acq: 14 Sep 2018 21:46

Tgt Ion:188 Resp: 582475
Ion Ratio Lower Upper
188 100
94 9.1 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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

Instrument :

BNA_F

ClientSampleId :

C-MW-05-091218

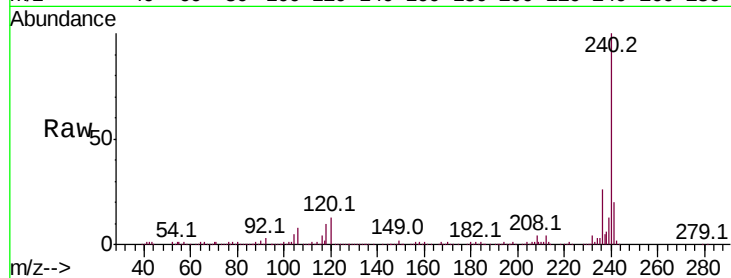
Tot Ion:240 Resp: 456784

Ion Ratio Lower Upper

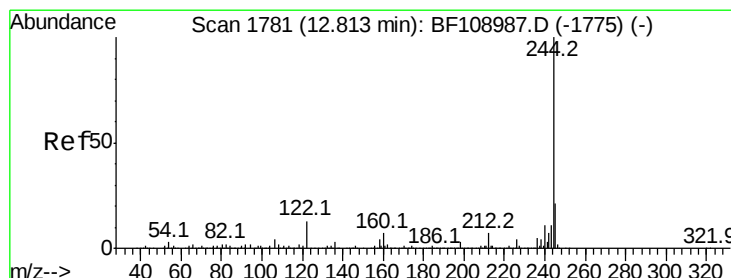
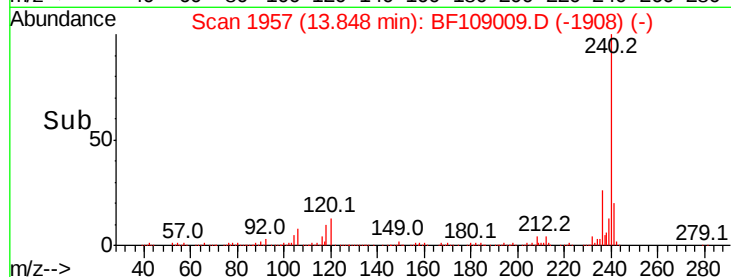
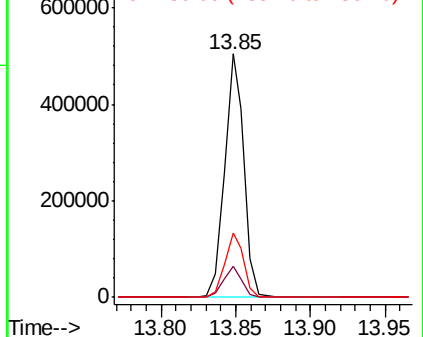
240 100

120 12.6 9.5 14.3

236 26.3 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: 72.806 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109009.D

Acq: 14 Sep 2018 21:46

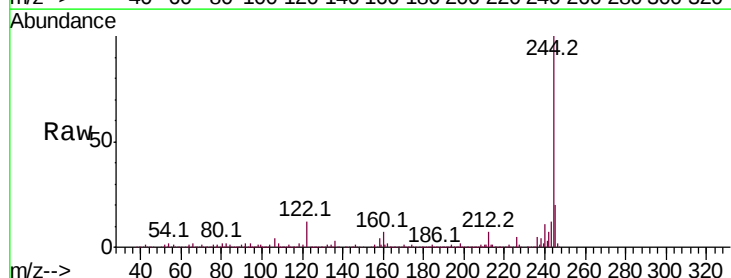
Tgt Ion:244 Resp: 1403079

Ion Ratio Lower Upper

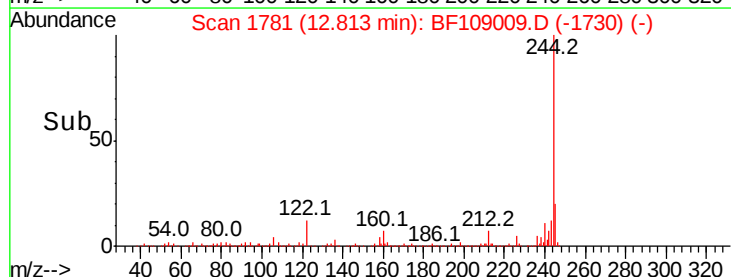
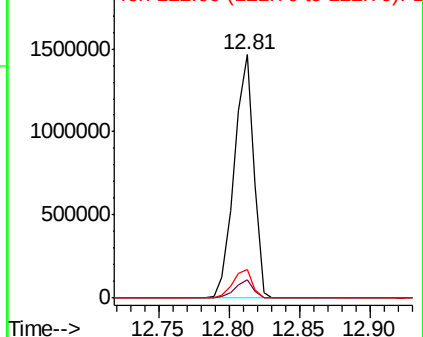
244 100

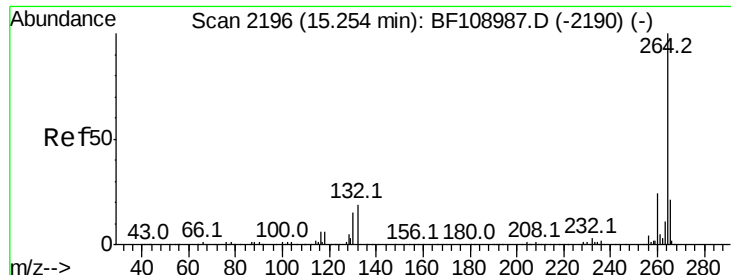
212 7.5 5.4 8.0

122 11.7 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

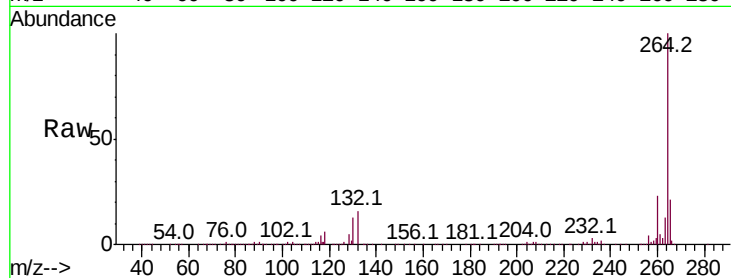




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109009.D
 Acq: 14 Sep 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-05-091218

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

