

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109446.D
 Acq On : 28 Sep 2018 22:30
 Operator : JU/SJ
 Sample : J5084-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(TW-1)

Quant Time: Oct 01 17:44:12 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

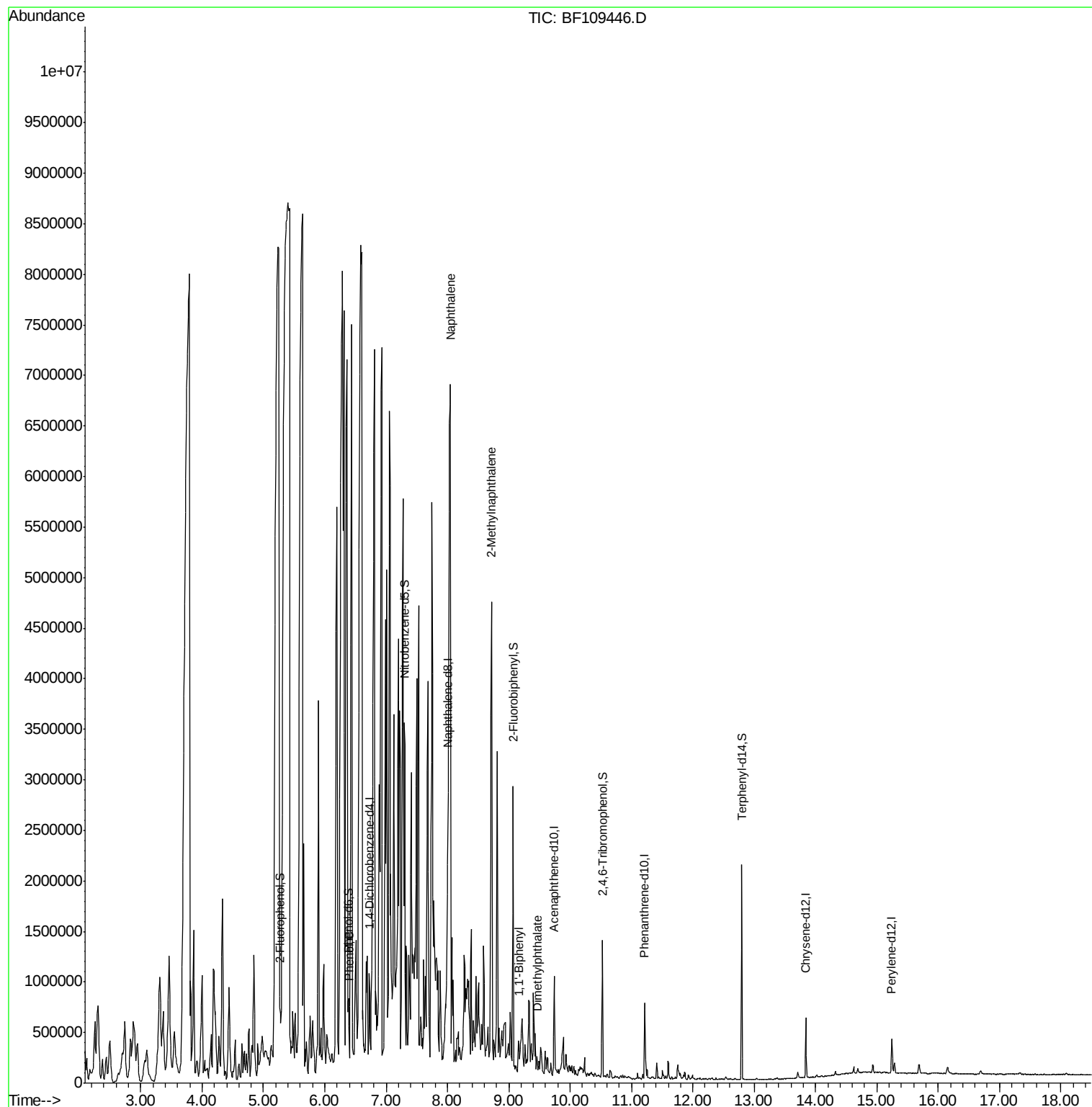
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	96048	20.00	ng	0.02
21) Naphthalene-d8	8.00	136	291372	20.00	ng	0.01
38) Acenaphthene-d10	9.74	164	135518	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	237529	20.00	ng	0.00
75) Chrysene-d12	13.84	240	199211	20.00	ng	0.00
86) Perylene-d12	15.24	264	151522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	19189	3.29	ng	-0.04
7) Phenol-d6	6.39	99	237162	31.87	ng	0.03
23) Nitrobenzene-d5	7.29	82	417925	84.67	ng	0.01
41) 2,4,6-Tribromophenol	10.53	330	149072	111.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	791461	88.08	ng	0.00
78) Terphenyl-d14	12.80	244	732306	90.22	ng	0.00
Target Compounds						
10) Phenol	6.40	94	32269	3.829	ng	Qvalue 85
31) Naphthalene	8.05	128	5038283	370.034	ng	95
37) 2-Methylnaphthalene	8.72	142	1518395	172.989	ng	97
45) 1,1'-Biphenyl	9.17	154	30272	2.742	ng	96
49) Dimethylphthalate	9.46	163	38719	3.928	ng	# 79

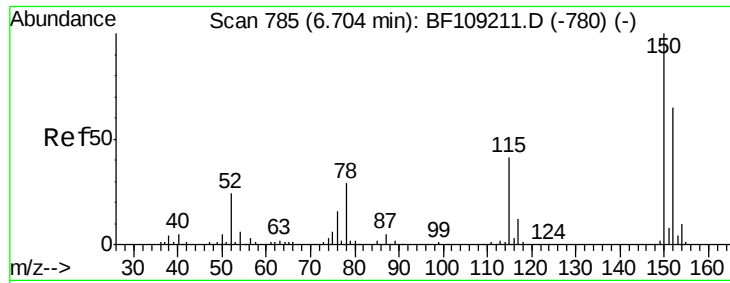
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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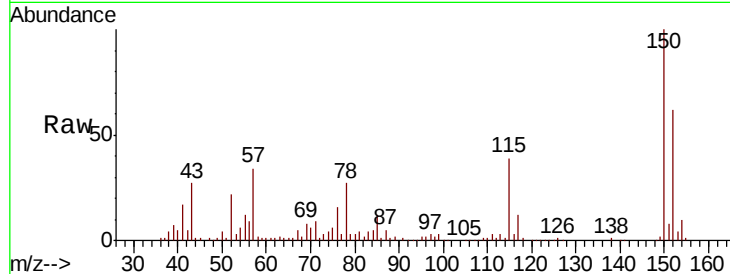


#1

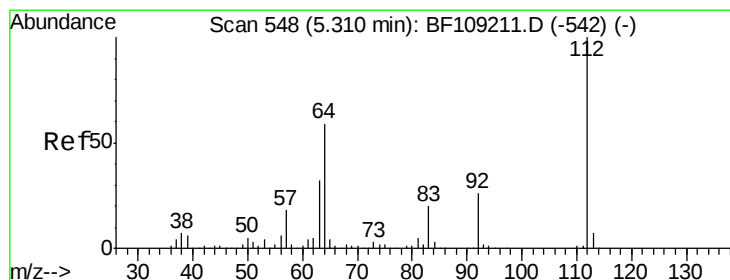
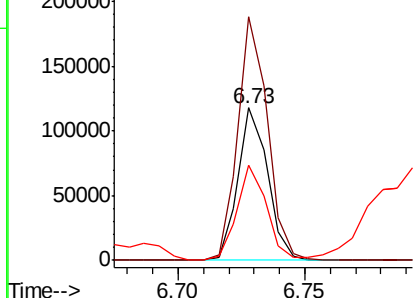
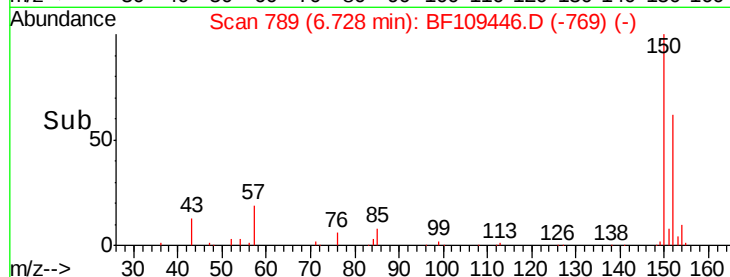
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.02 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

Instrument :
BNA_F
ClientSampled :
B-7(TW-1)

Tot Ion:152 Resp: 96048
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 62.2 50.1 75.1



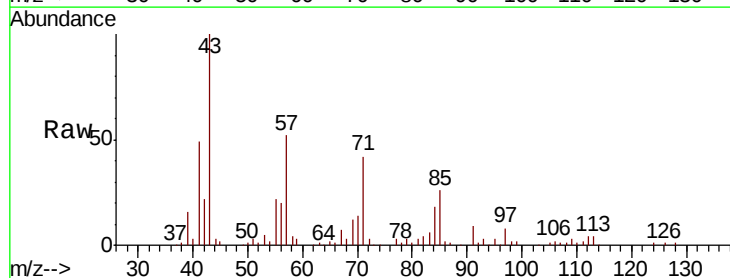
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



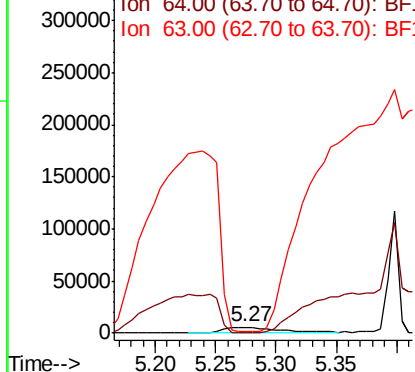
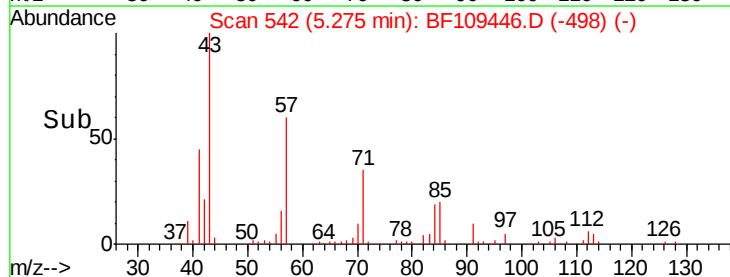
#5

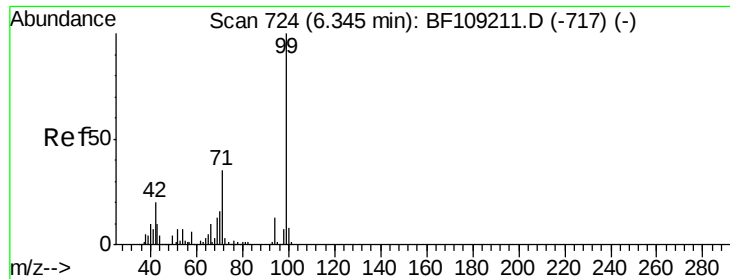
2-Fluorophenol
Concen: 3.291 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.04 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

Tgt Ion:112 Resp: 19189
Ion Ratio Lower Upper
112 100
64 5.3 47.9 71.9#
63 23.3 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: 31.872 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF109446.D

Acq: 28 Sep 2018 22:30

Instrument :

BNA_F

ClientSampleId :

B-7(TW-1)

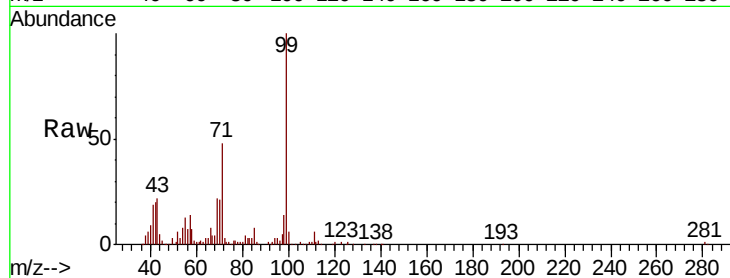
Tot Ion: 99 Resp: 237162

Ion Ratio Lower Upper

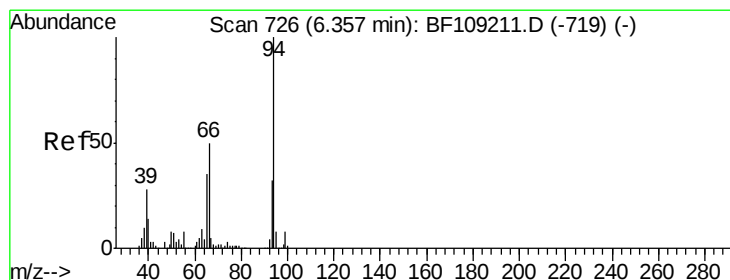
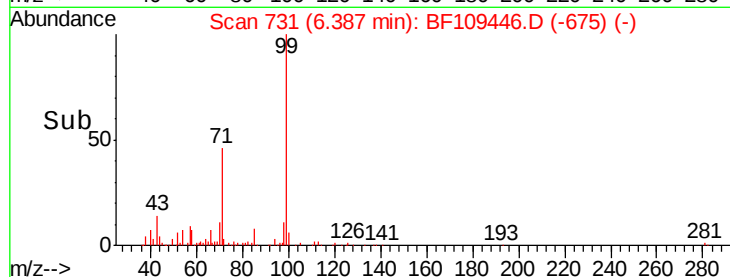
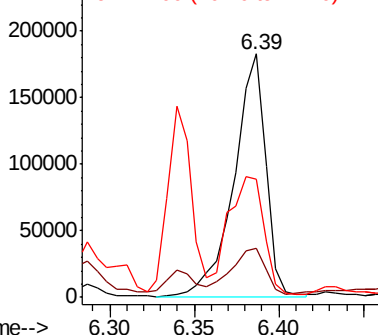
99 100

42 20.2 14.5 21.7

71 48.5 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



#10

Phenol

Concen: 3.829 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF109446.D

Acq: 28 Sep 2018 22:30

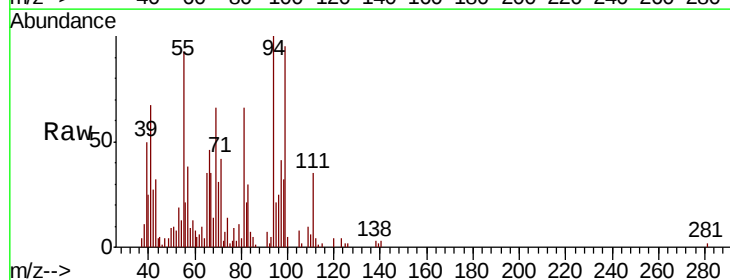
Tgt Ion: 94 Resp: 32269

Ion Ratio Lower Upper

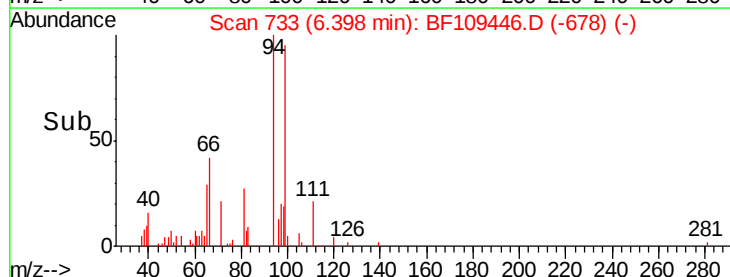
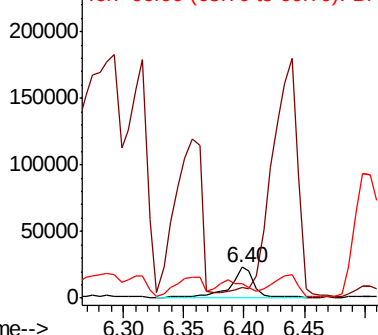
94 100

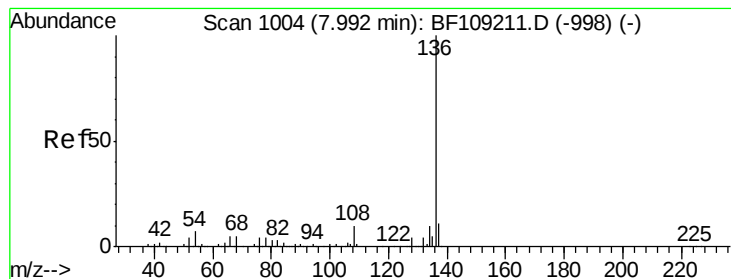
65 35.3 7.9 47.9

66 45.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF109446.D

Acq: 28 Sep 2018 22:30

Instrument :

BNA_F

ClientSampleId :

B-7(TW-1)

Tot Ion:136 Resp: 291372

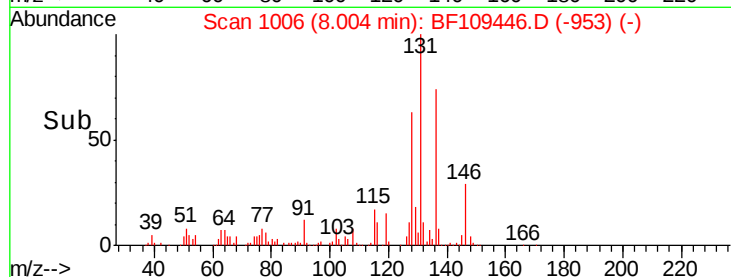
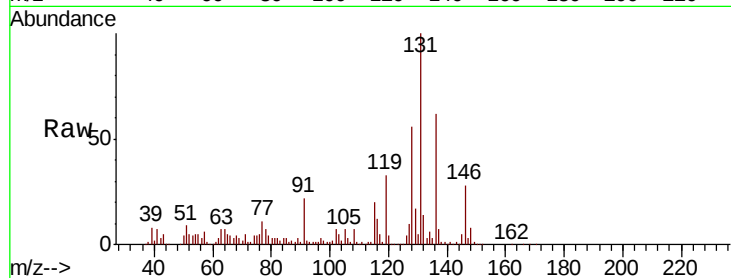
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 6.3 5.0 7.4



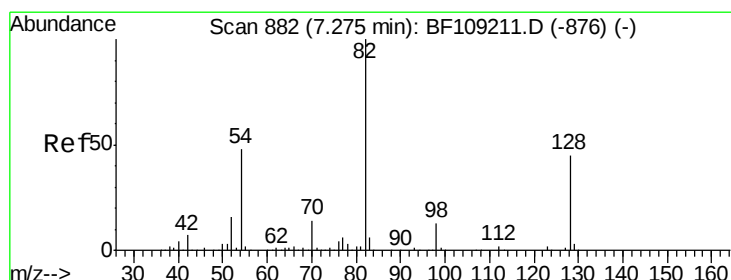
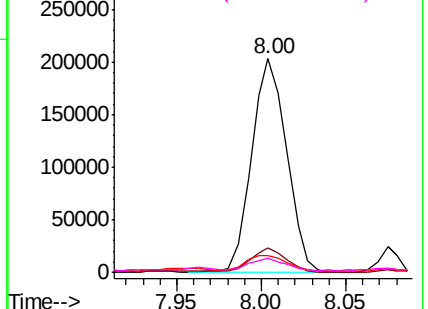
Abundance

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



#23

Nitrobenzene-d5

Concen: 84.671 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF109446.D

Acq: 28 Sep 2018 22:30

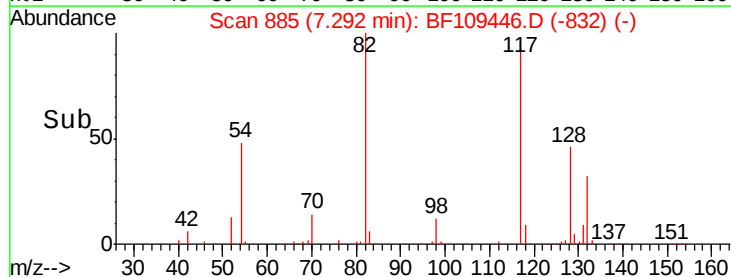
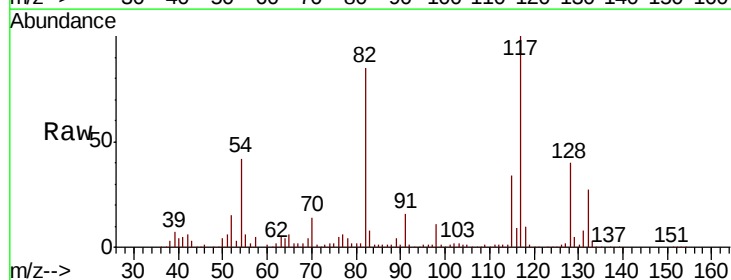
Tgt Ion: 82 Resp: 417925

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

54 49.0 41.4 62.2

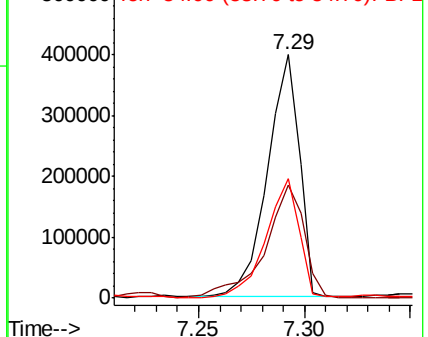


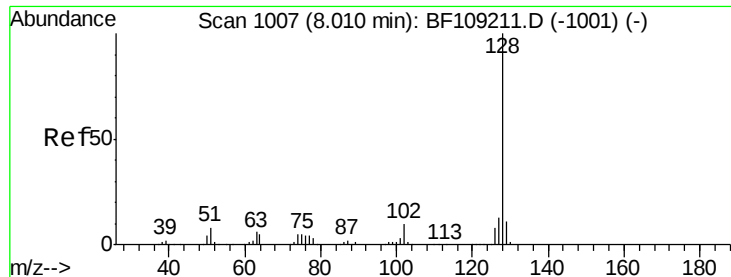
Abundance

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

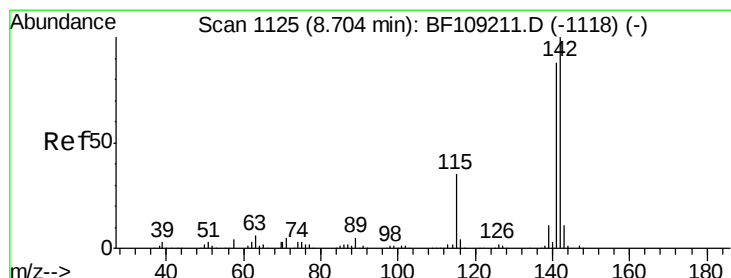
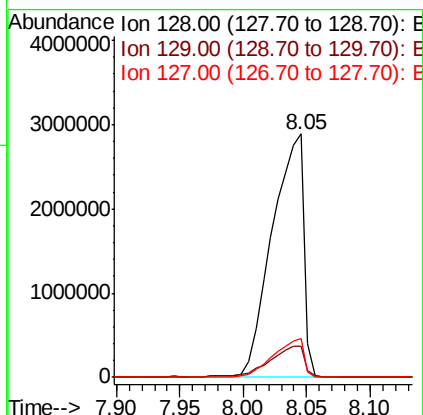
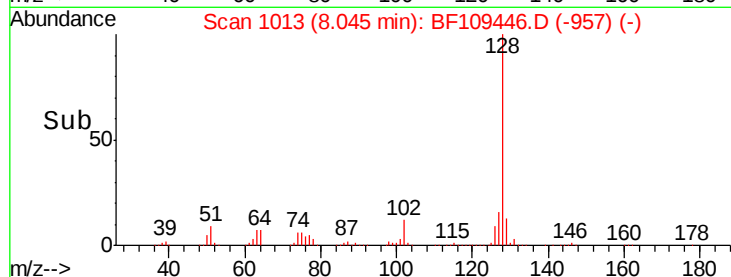
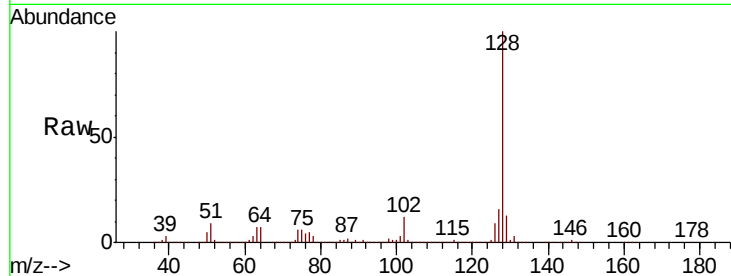




#31
Naphthalene
Concen: 370.034 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.03 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

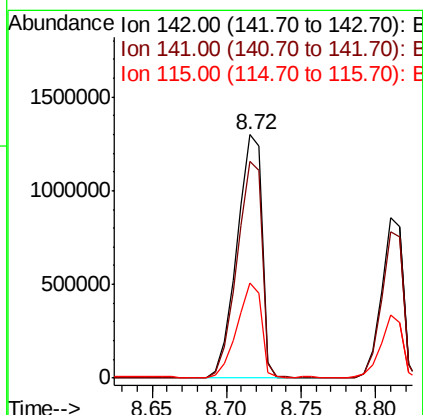
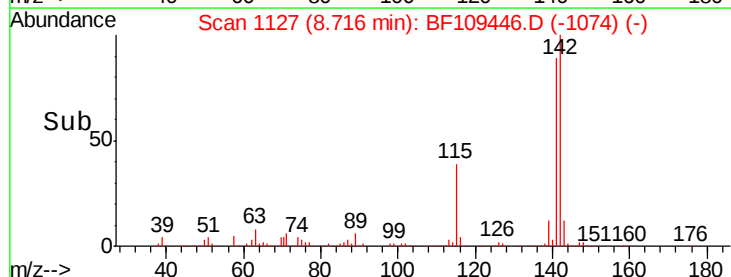
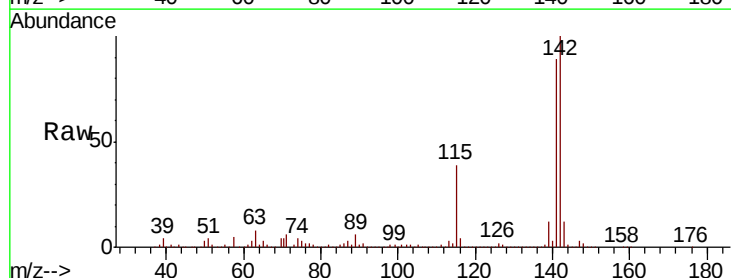
Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)

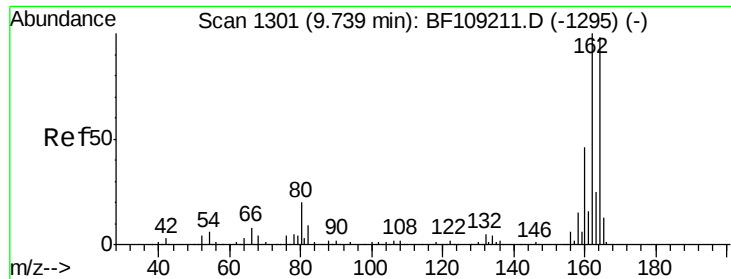
Tot Ion:128 Resp: 5038283
Ion Ratio Lower Upper
128 100
129 13.0 8.8 13.2
127 15.8 10.9 16.3



#37
2-Methylnaphthalene
Concen: 172.989 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

Tgt Ion:142 Resp: 1518395
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2
115 39.0 26.1 39.1

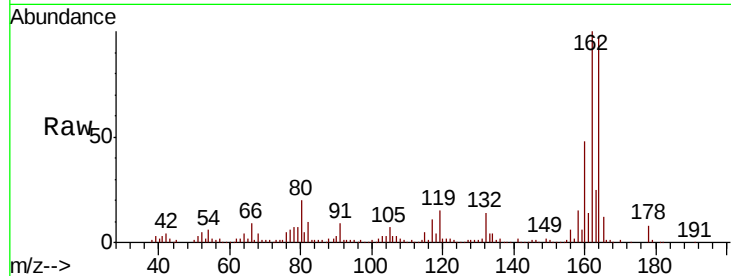




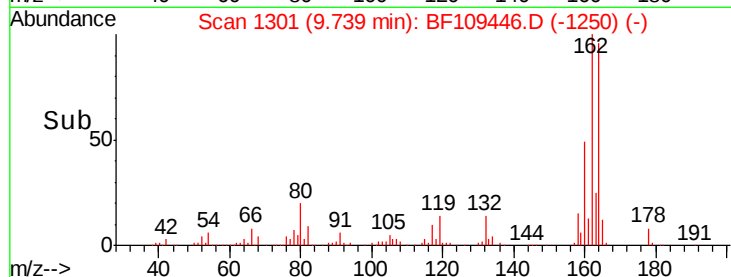
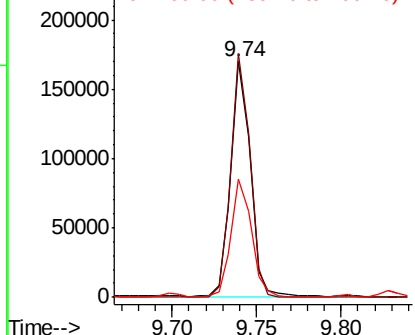
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109446.D
 Acq: 28 Sep 2018 22:30

Instrument :
 BNA_F
 ClientSampled :
 B-7(TW-1)

Tot Ion:164 Resp: 135518
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 49.9 38.3 57.5

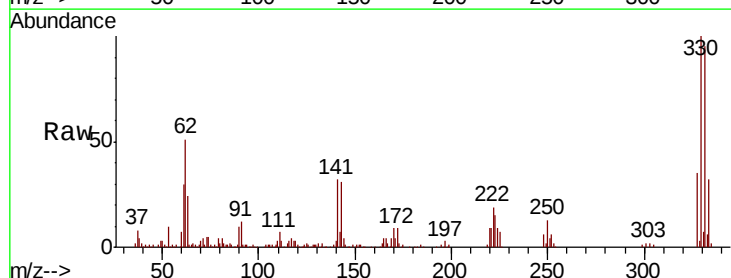


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

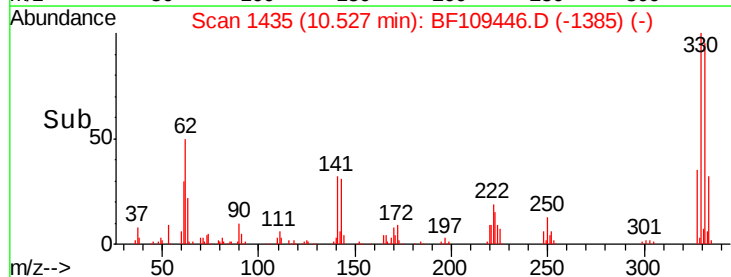
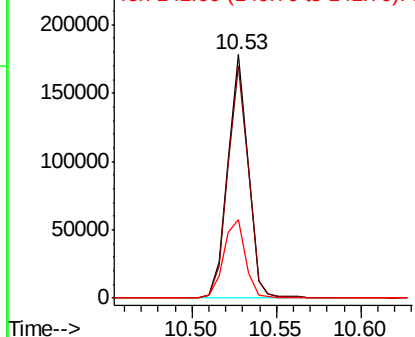


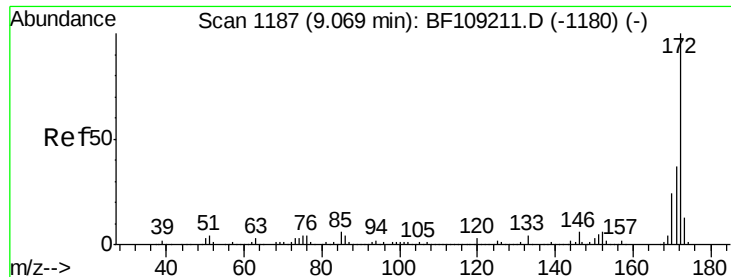
#41
 2,4,6-Tribromophenol
 Concen: 111.587 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109446.D
 Acq: 28 Sep 2018 22:30

Tgt Ion:330 Resp: 149072
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 35.2 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

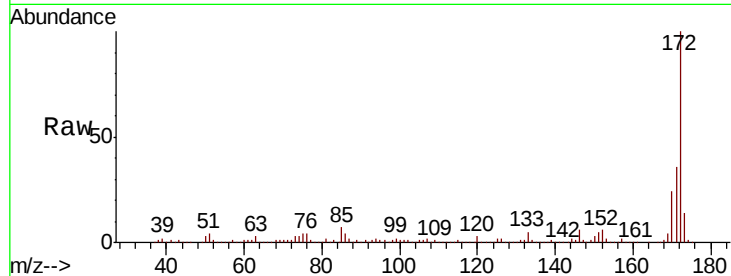




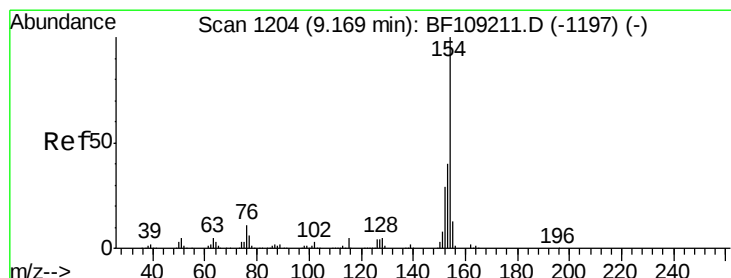
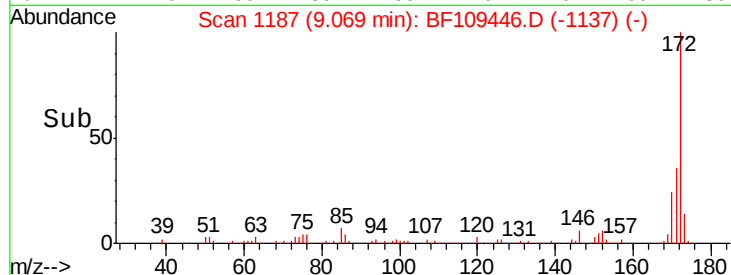
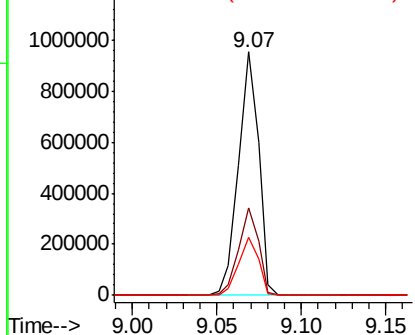
#44
2-Fluorobiphenyl
Concen: 88.082 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)

Tot Ion:172 Resp: 791461
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.9 19.6 29.4

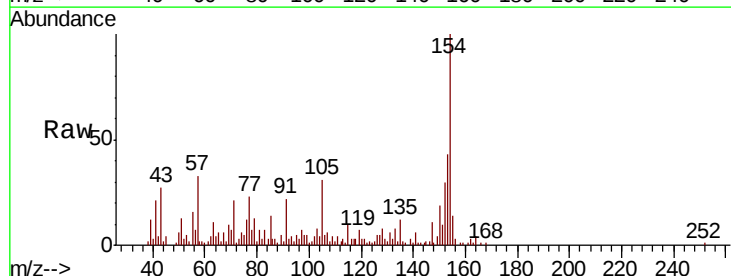


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

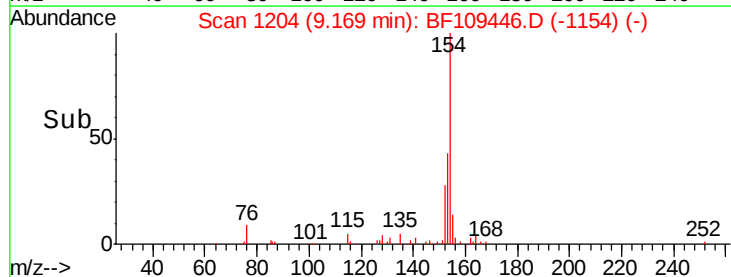
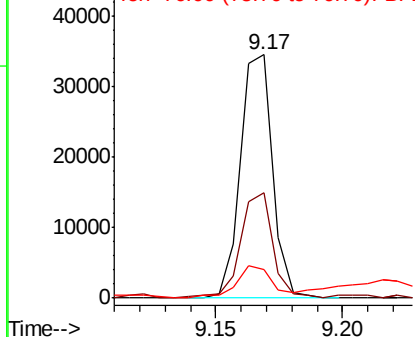


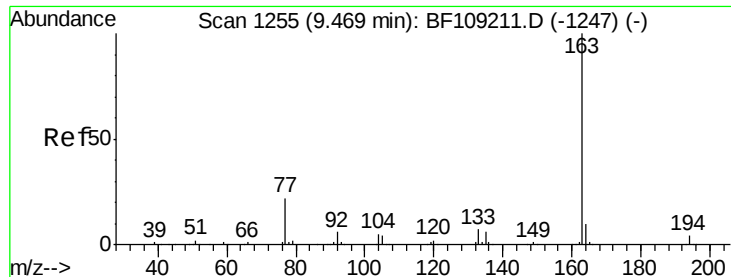
#45
1,1'-Biphenyl
Concen: 2.742 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

Tgt Ion:154 Resp: 30272
Ion Ratio Lower Upper
154 100
153 43.3 21.3 61.3
76 11.7 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

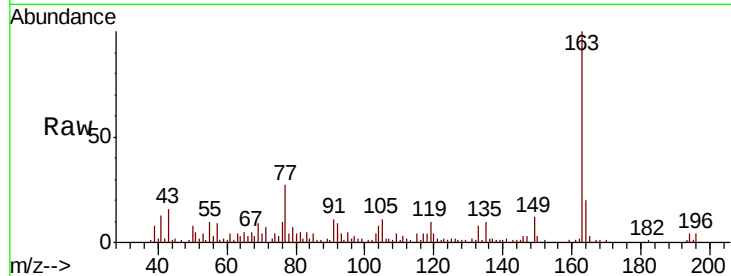




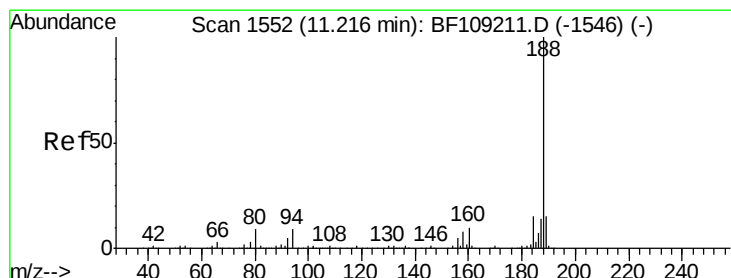
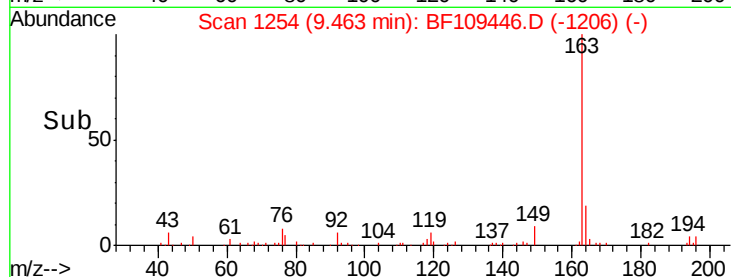
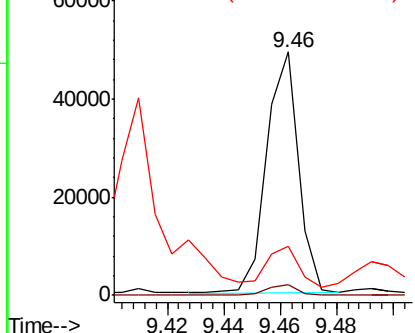
#49
Dimethylphthalate
Concen: 3.928 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)

Tot Ion:163 Resp: 38719
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 20.1 8.2 12.2#

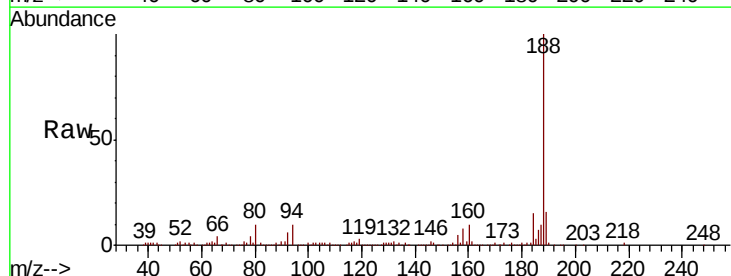


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

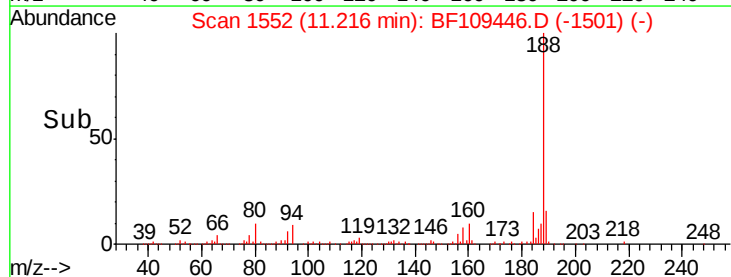
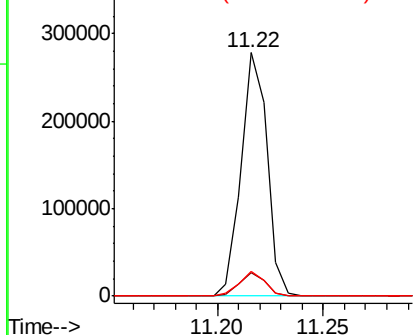


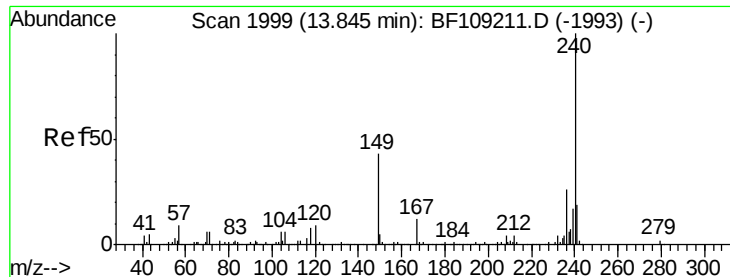
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

Tgt Ion:188 Resp: 237529
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 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# 1999

Delta R.T. 0.00 min

Lab File: BF109446.D

Acq: 28 Sep 2018 22:30

Instrument :

BNA_F

ClientSampleId :

B-7(TW-1)

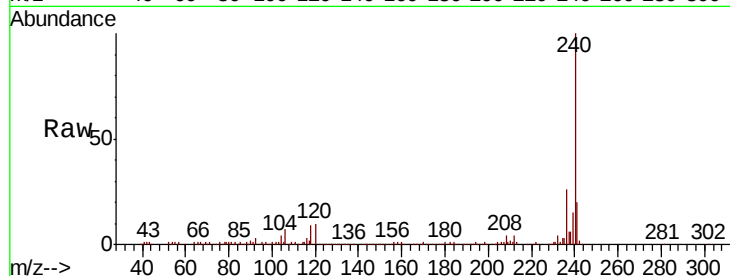
Tot Ion:240 Resp: 199211

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

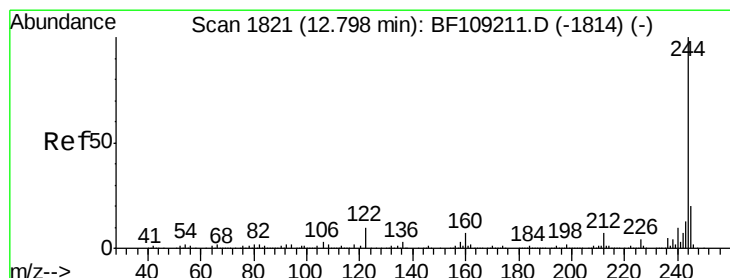
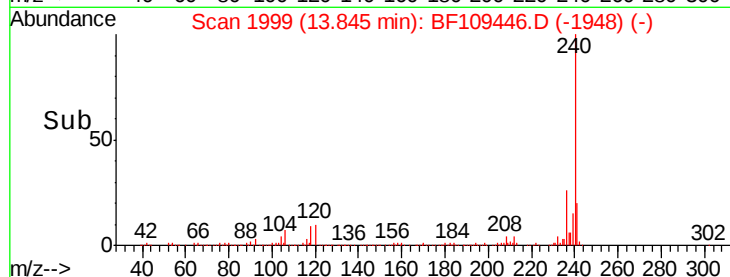
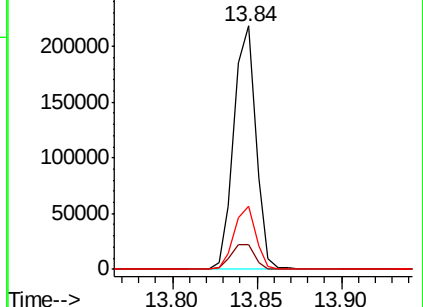
236 26.1 20.7 31.1



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: 90.216 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109446.D

Acq: 28 Sep 2018 22:30

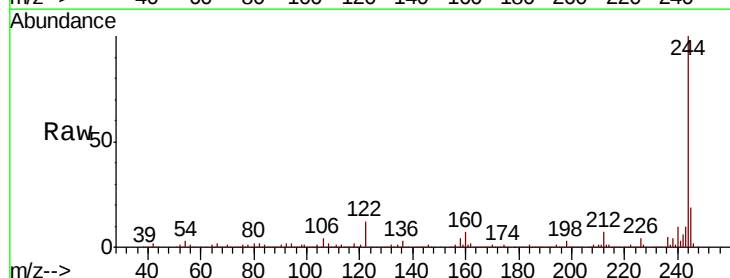
Tgt Ion:244 Resp: 732306

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

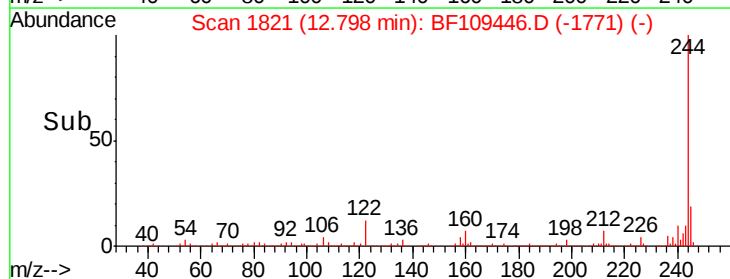
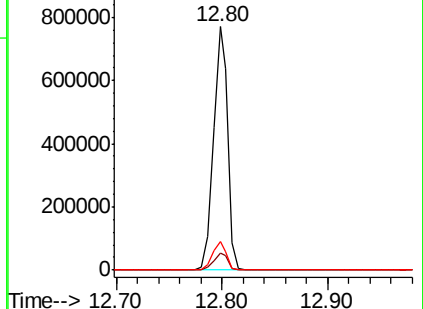
122 11.8 11.0 16.4

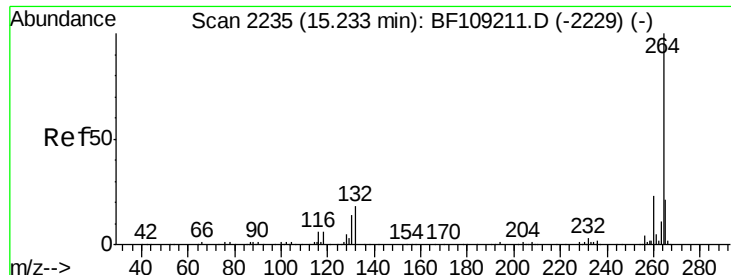


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109446.D
Acq: 28 Sep 2018 22:30

Instrument :
BNA_F
ClientSampleId :
B-7(TW-1)

Tot Ion:	264	Resp:	151522
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.5	17.5	26.3

