

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
 Data File : BF108957.D
 Acq On : 12 Sep 2018 18:33
 Operator : JU/SJ
 Sample : J4724-18 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

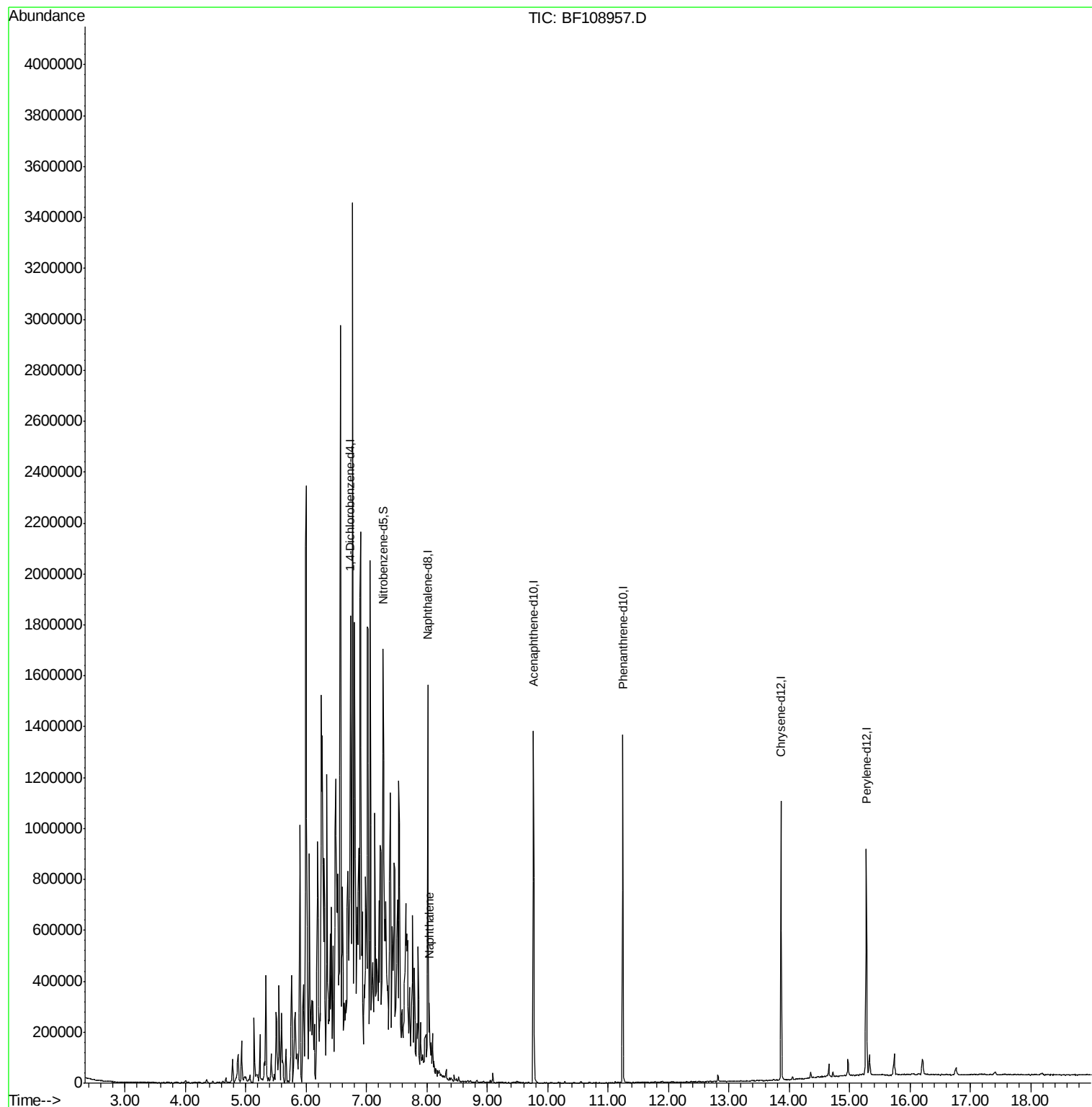
Quant Time: Sep 13 02:30:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

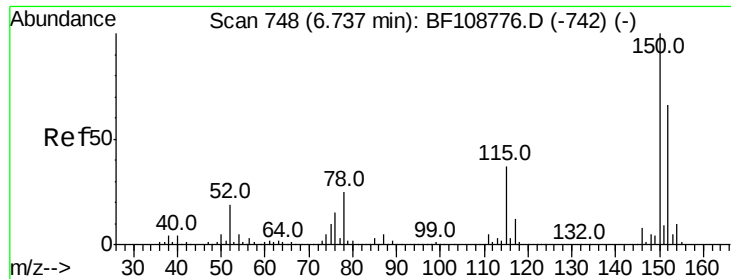
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	143030	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	561728	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	260896	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	453722	20.00	ng	0.00
75) Chrysene-d12	13.87	240	341277	20.00	ng	0.00
86) Perylene-d12	15.28	264	416499	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	8960	1.04	ng	0.00
7) Phenol-d6	6.36	99	15402	1.39	ng	0.00
23) Nitrobenzene-d5	7.27	82	43412	4.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	1715	0.69	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	13919	0.91	ng	0.00
78) Terphenyl-d14	12.82	244	10792	0.74	ng	0.00
Target Compounds						
31) Naphthalene	8.04	128	74168	2.935	ng	Qvalue 99

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

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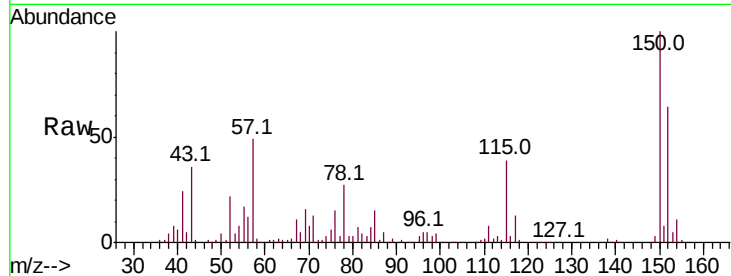




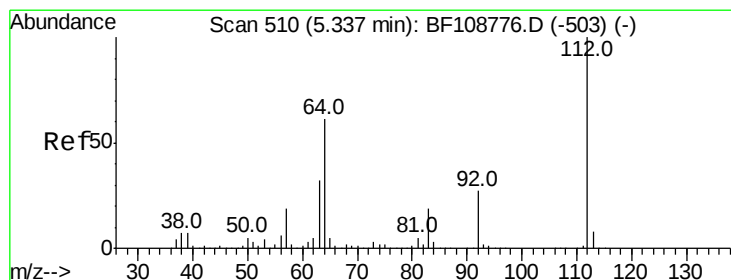
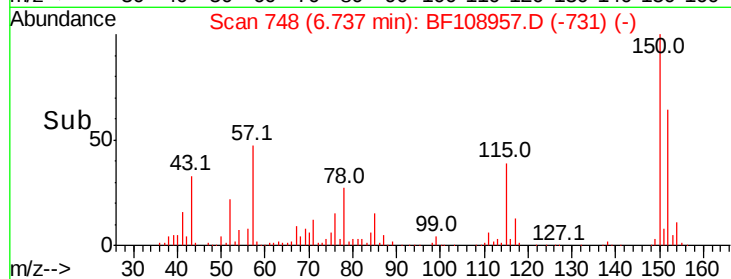
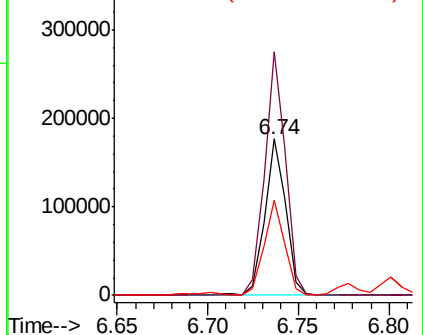
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108957.D
 Acq: 12 Sep 2018 18:33

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	60.9	50.1	75.1



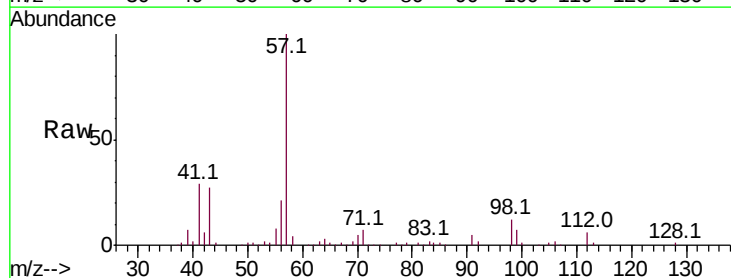
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



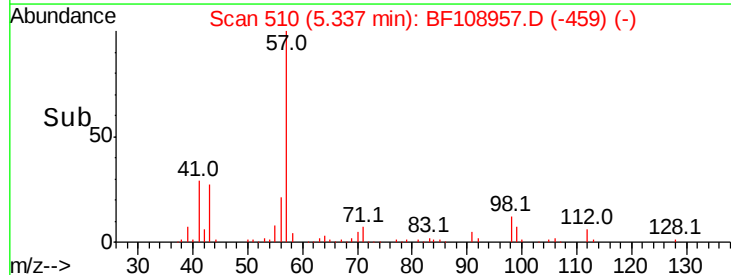
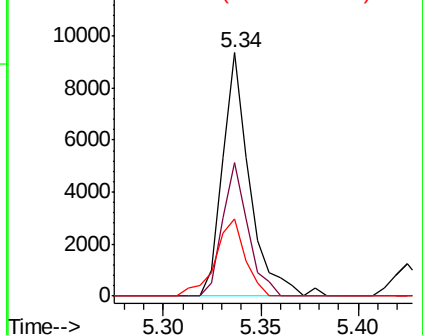
#5

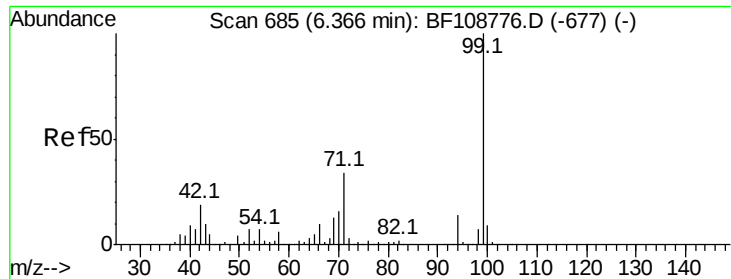
2-Fluorophenol
 Concen: 1.038 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF108957.D
 Acq: 12 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	31.8	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: 1.387 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108957.D

Acq: 12 Sep 2018 18:33

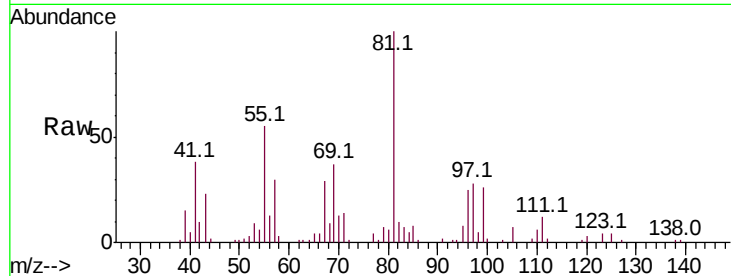
Tot Ion: 99 Resp: 15402

Ion Ratio Lower Upper

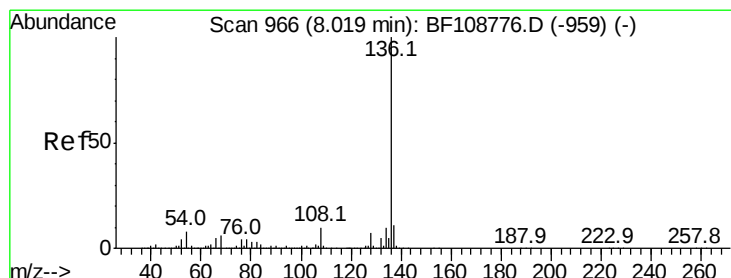
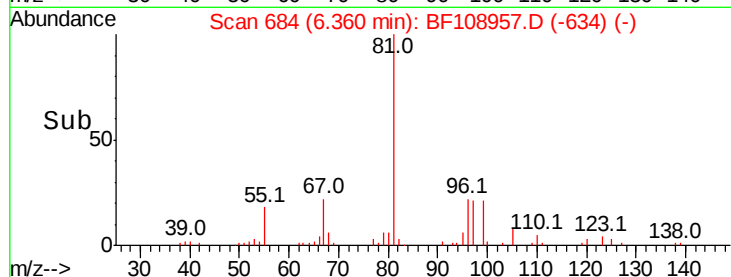
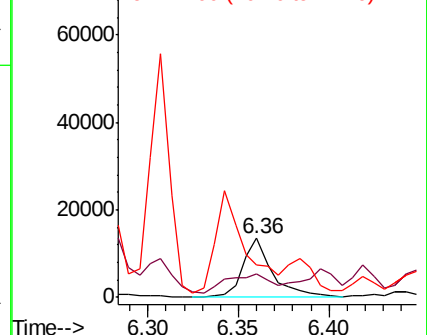
99 100

42 40.0 14.5 21.7#

71 54.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108957.D

Acq: 12 Sep 2018 18:33

Tgt Ion: 136 Resp: 561728

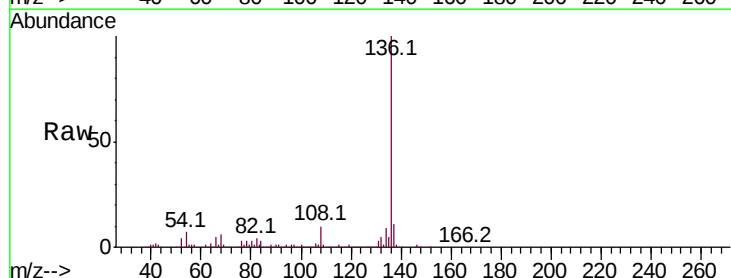
Ion Ratio Lower Upper

136 100

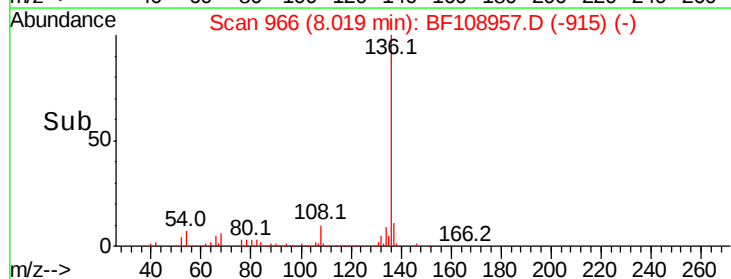
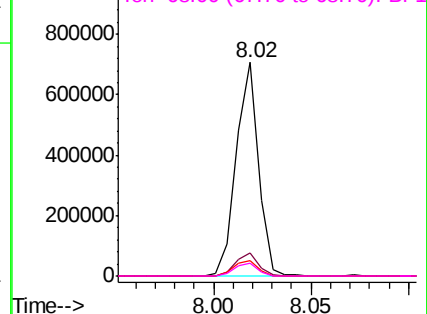
137 11.0 8.9 13.3

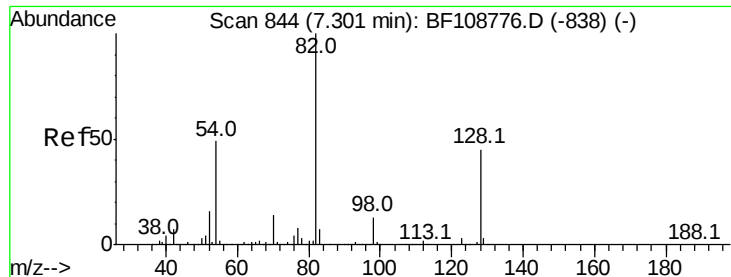
54 7.2 6.6 9.8

68 6.0 5.0 7.4



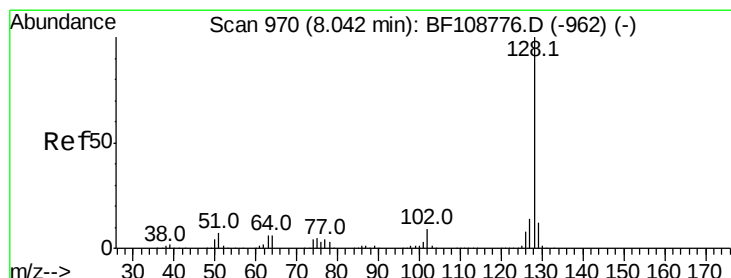
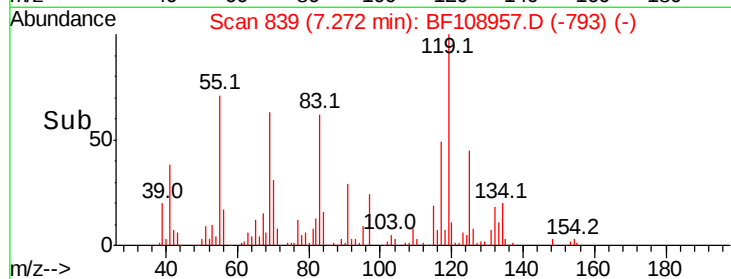
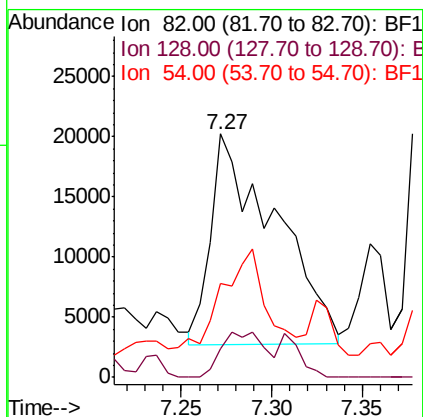
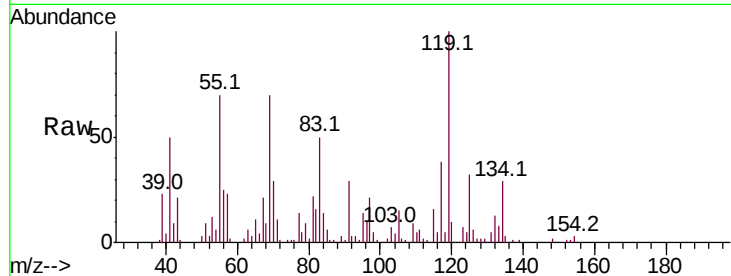
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





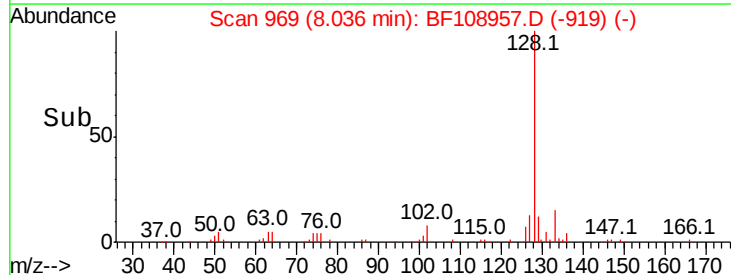
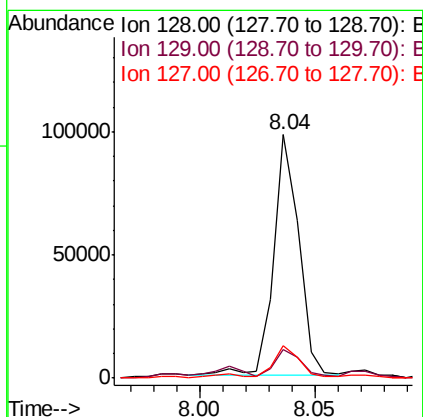
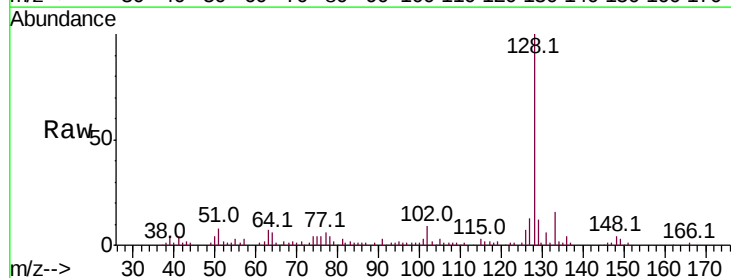
#23
Nitrobenzene-d5
Concen: 4.836 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.03 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

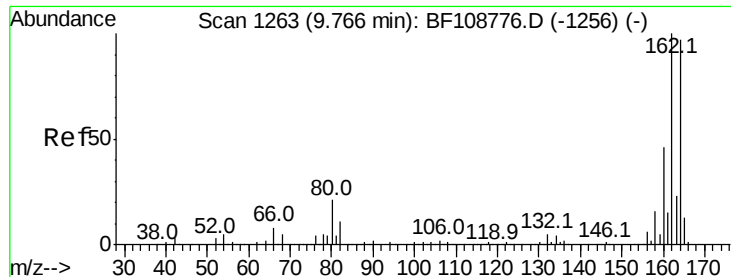
Tot Ion: 82 Resp: 43412
Ion Ratio Lower Upper
82 100
128 11.8 36.1 54.1#
54 38.6 41.4 62.2#



#31
Naphthalene
Concen: 2.935 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

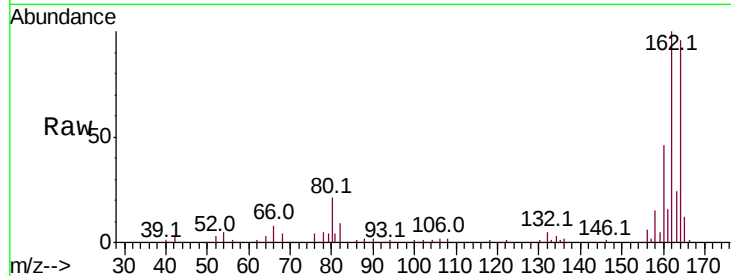
Tgt Ion: 128 Resp: 74168
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.3 10.9 16.3



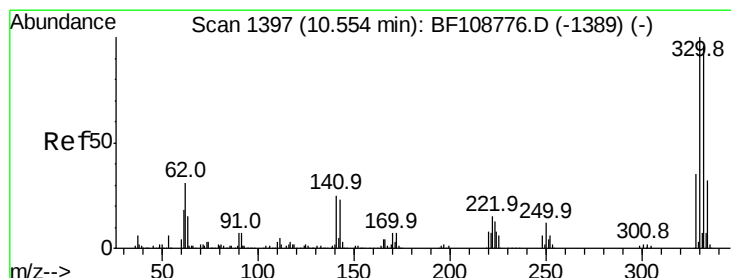
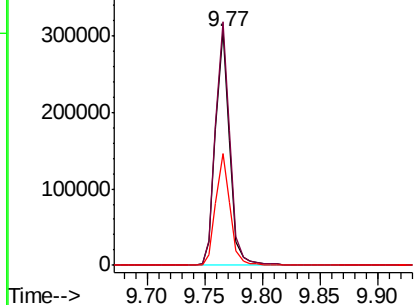
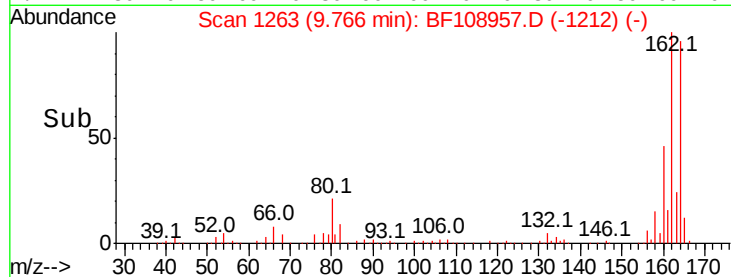


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108957.D
 Acq: 12 Sep 2018 18:33

Tot Ion:164 Resp: 260896
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 47.7 38.3 57.5

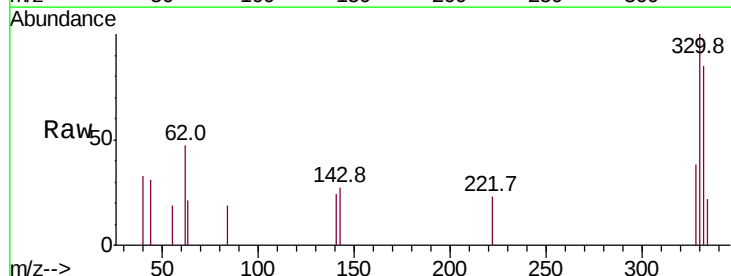


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

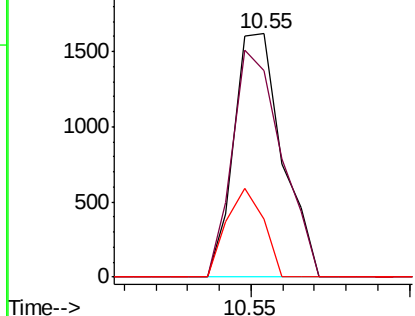
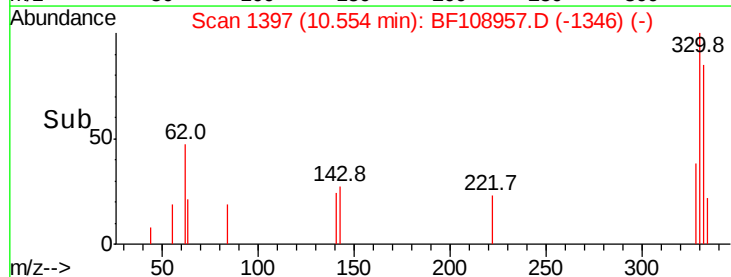


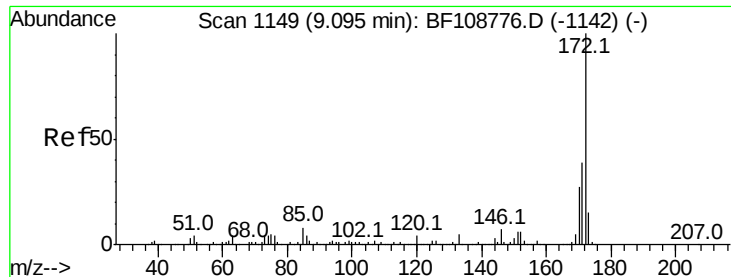
#41
 2,4,6-Tribromophenol
 Concen: 0.689 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108957.D
 Acq: 12 Sep 2018 18:33

Tgt Ion:330 Resp: 1715
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 27.6 29.9 44.9#



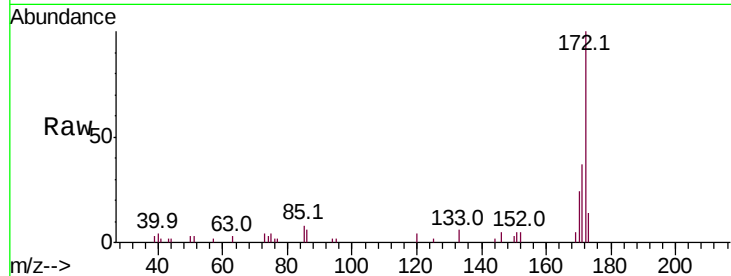
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



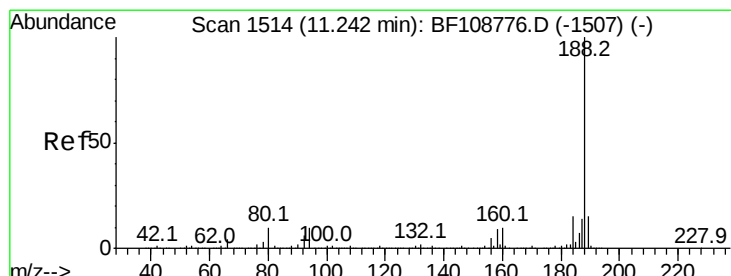
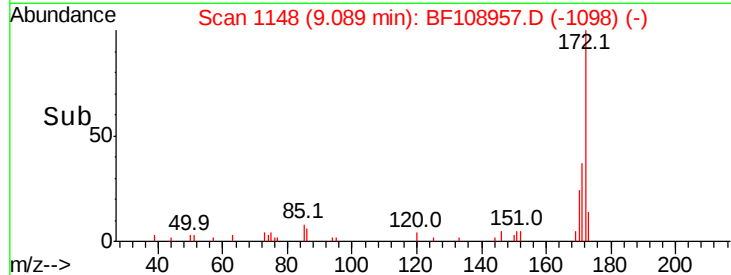
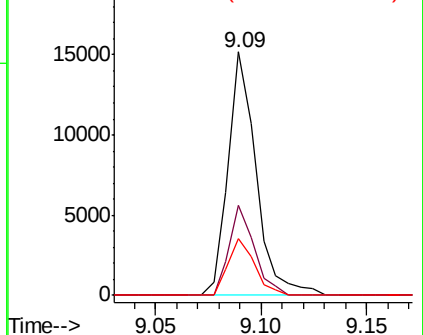


#44
2-Fluorobiphenyl
Concen: 0.910 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

Tot Ion:172 Resp: 13919
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 23.5 19.6 29.4

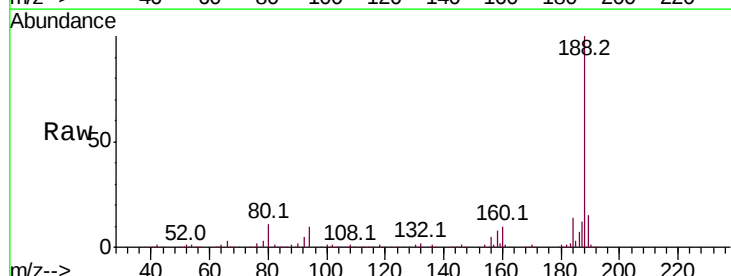


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

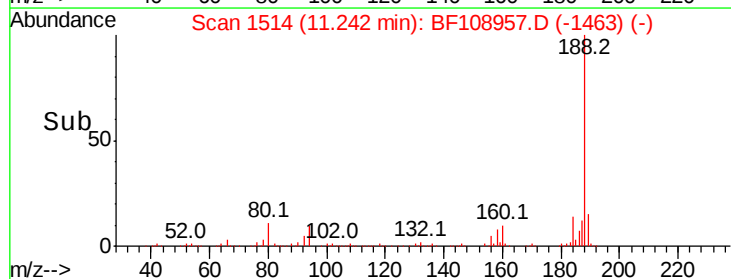
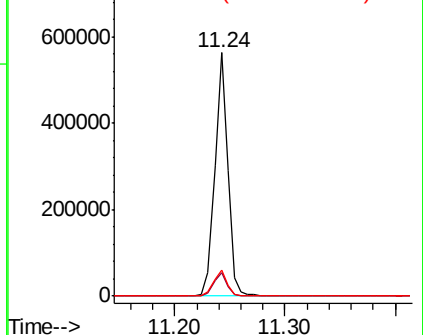


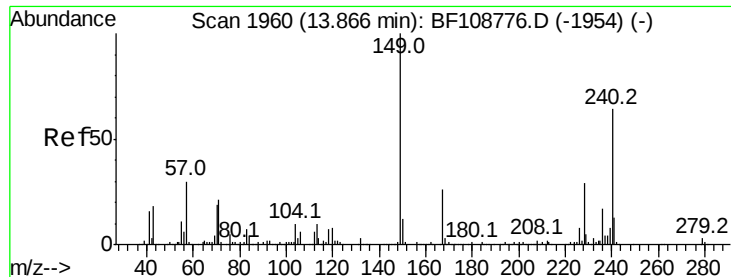
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

Tgt Ion:188 Resp: 453722
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 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: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108957.D

Acq: 12 Sep 2018 18:33

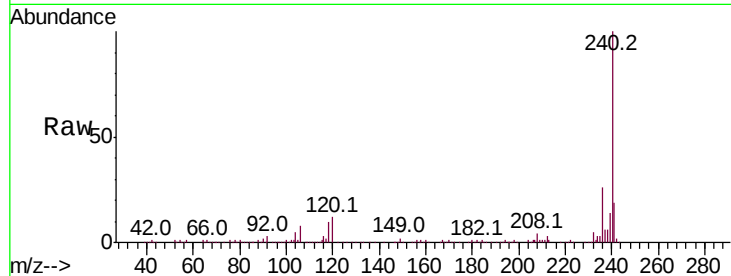
Tot Ion:240 Resp: 341277

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

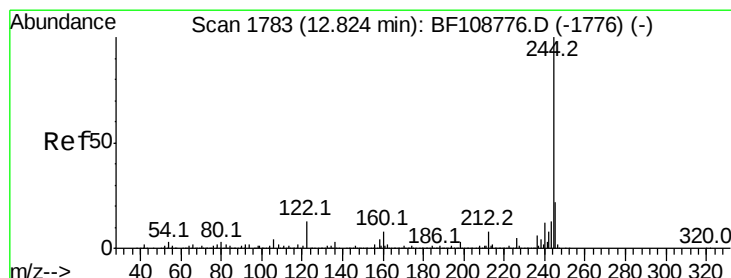
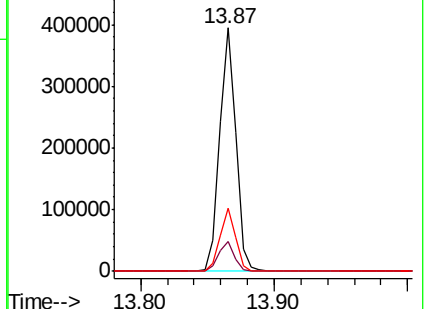
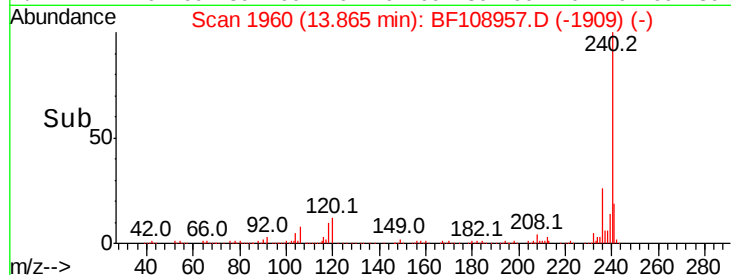
236 26.0 20.7 31.1



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: 0.737 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108957.D

Acq: 12 Sep 2018 18:33

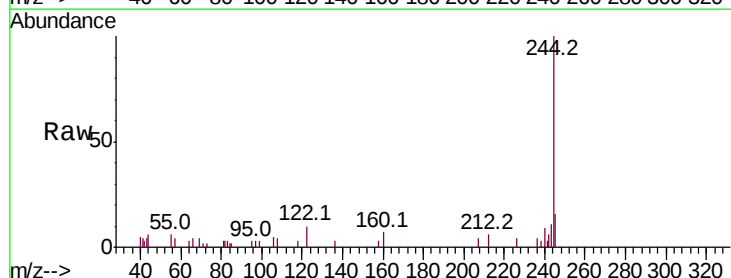
Tgt Ion:244 Resp: 10792

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

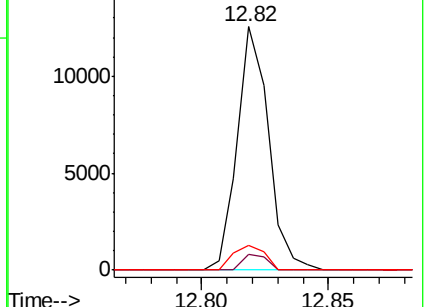
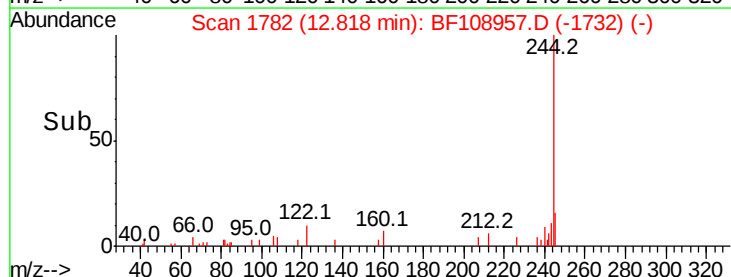
122 10.3 11.0 16.4#

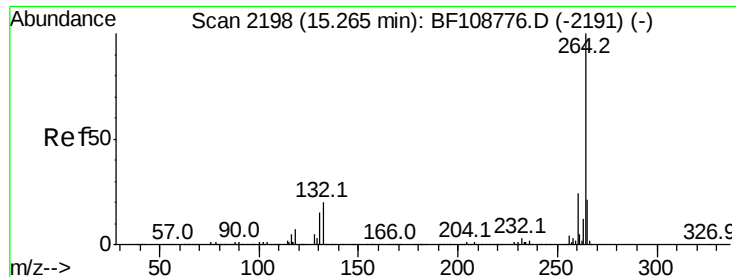


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

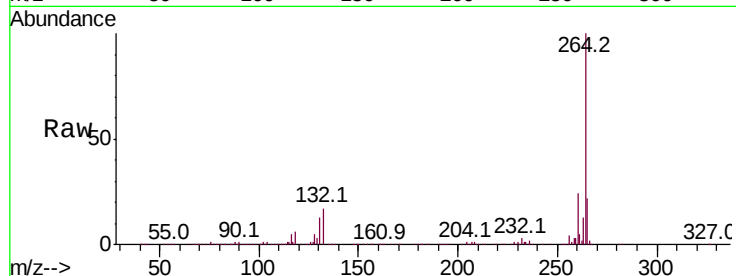
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	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

