

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 02:14:12 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

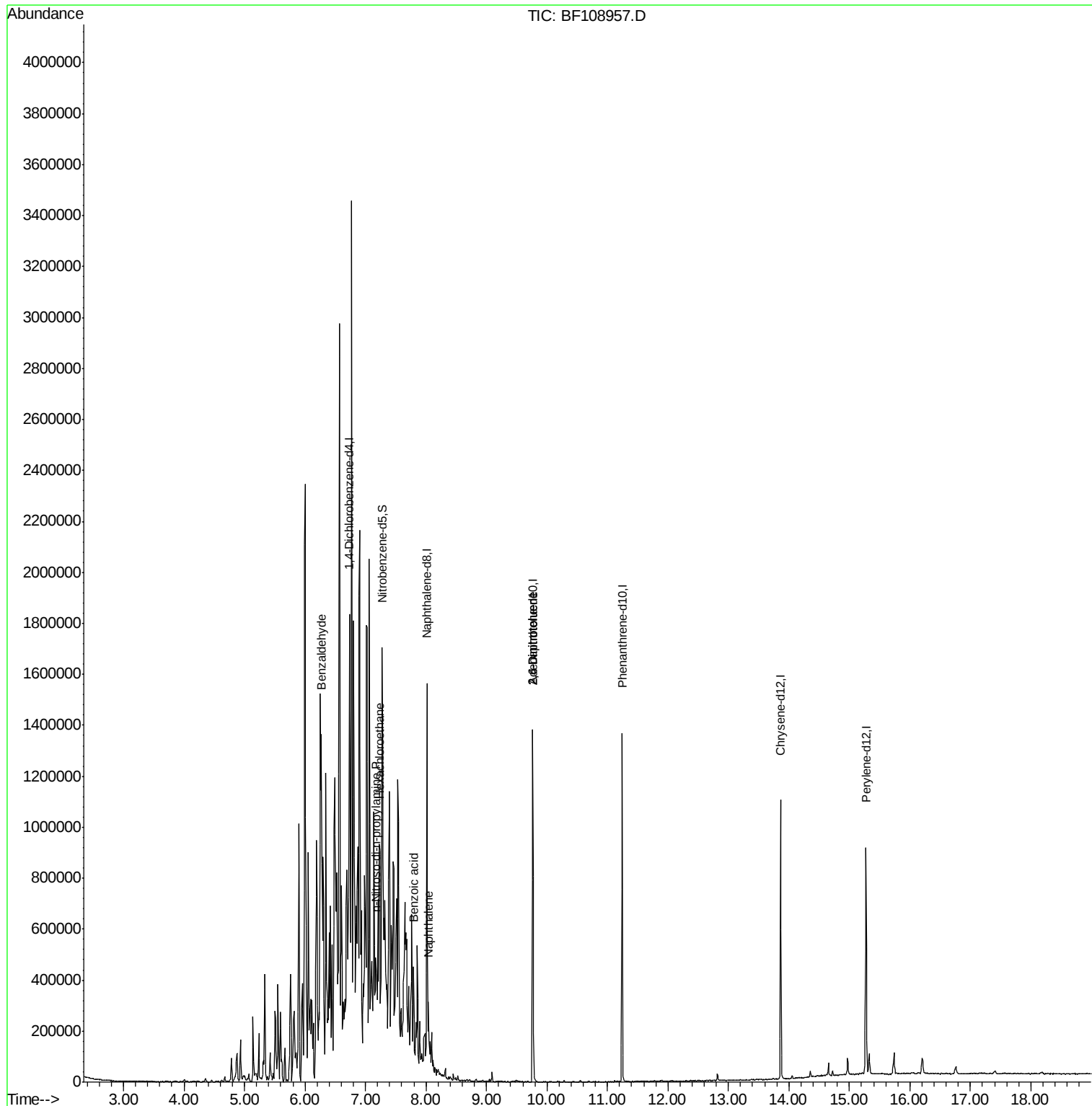
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	8960	1.04	ng	0.00
7) Phenol-d6	6.36	99	15402	1.39	ng	0.00
23) Nitrobenzene-d5	7.27	82	43412	4.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	1715	0.69	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	13919	0.91	ng	0.00
78) Terphenyl-d14	12.82	244	10792	0.74	ng	0.00

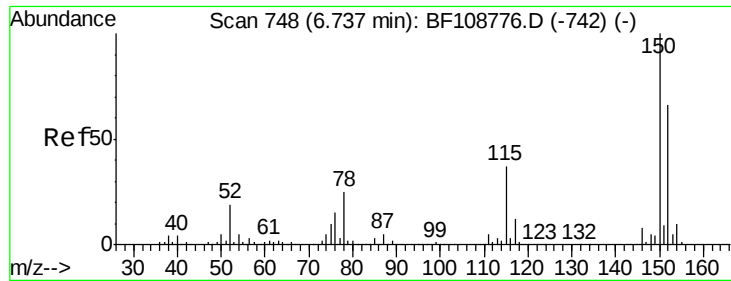
Target Compounds				Qvalue		
9) Benzaldehyde	6.27	77	38214	4.849	ng	# 1
18) Hexachloroethane	7.24	117	16609	4.224	ng	# 1
19) n-Nitroso-di-n-propylamine	7.18	70	19004	2.461	ng	# 60
31) Naphthalene	8.04	128	74168	2.935	ng	# 99
32) Benzoic acid	7.79	122	108	4.040	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	32906	9.464	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	32906	7.400	ng	# 23

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

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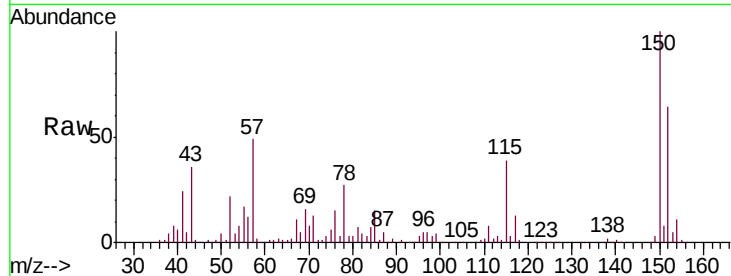
Quant Time: Sep 13 02:14:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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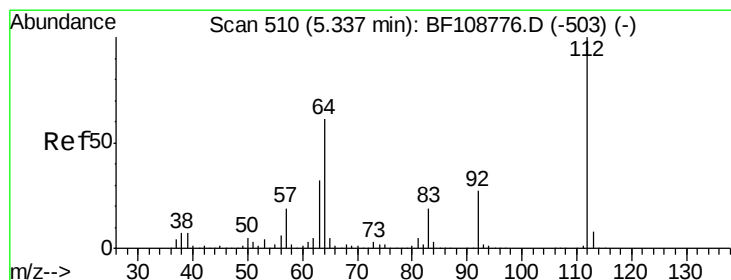
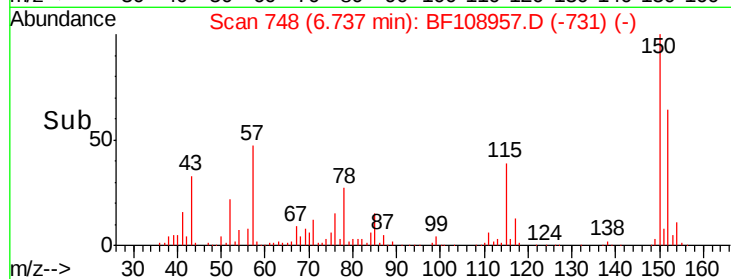
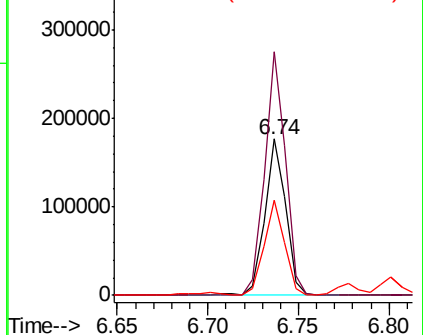


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108957.D
 Acq: 12 Sep 2018 18:33

Tgt Ion:152 Resp: 143030
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 60.9 50.1 75.1

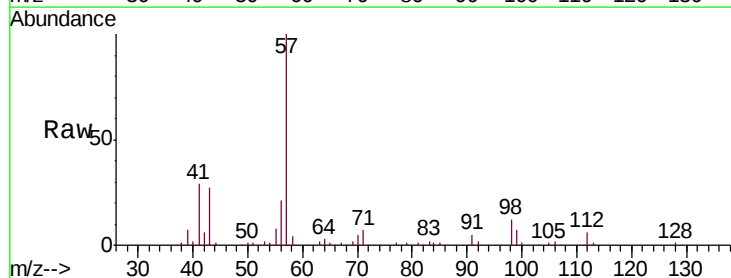


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

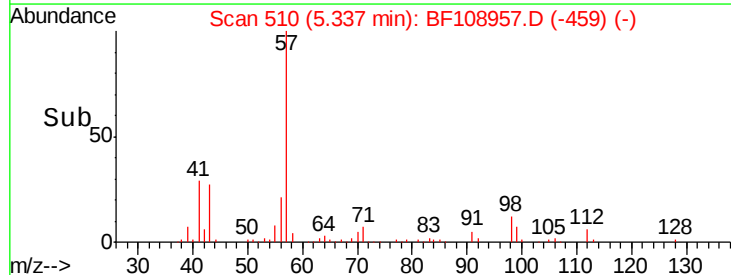
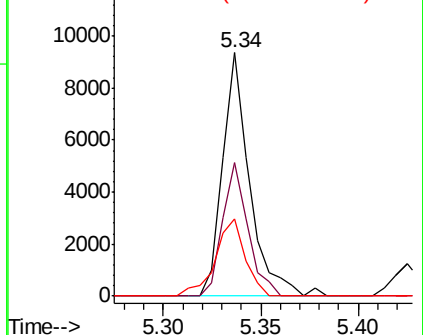


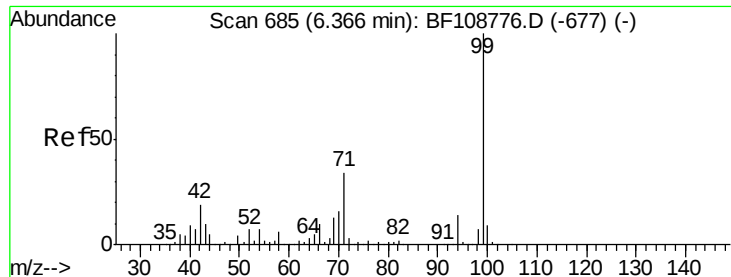
#5
 2-Fluorophenol
 Concen: 1.038 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF108957.D
 Acq: 12 Sep 2018 18:33

Tgt Ion:112 Resp: 8960
 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

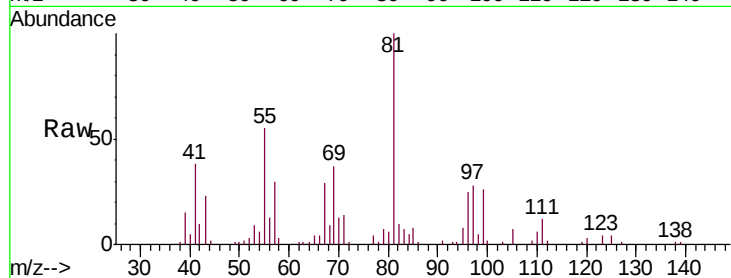
Tgt Ion: 99 Resp: 15402

Ion Ratio Lower Upper

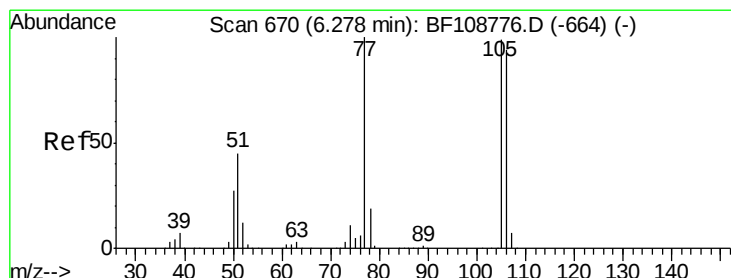
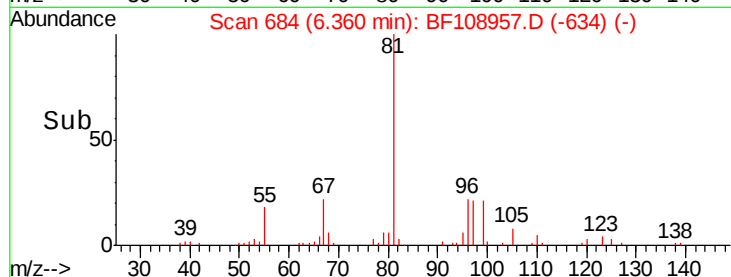
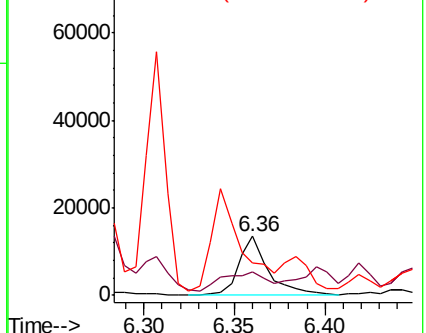
99 100

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



#9

Benzaldehyde

Concen: 4.849 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF108957.D

Acq: 12 Sep 2018 18:33

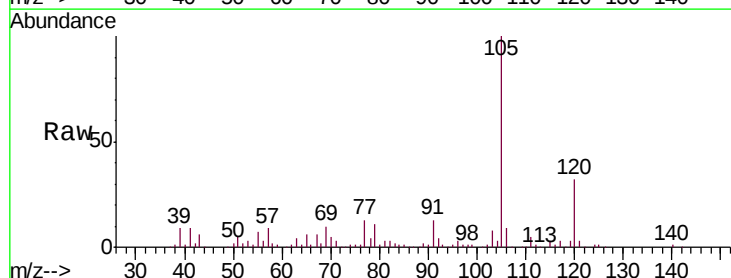
Tgt Ion: 77 Resp: 38214

Ion Ratio Lower Upper

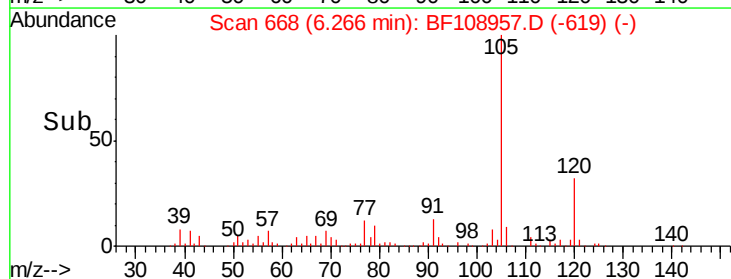
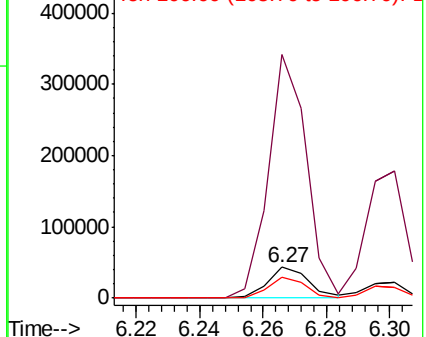
77 100

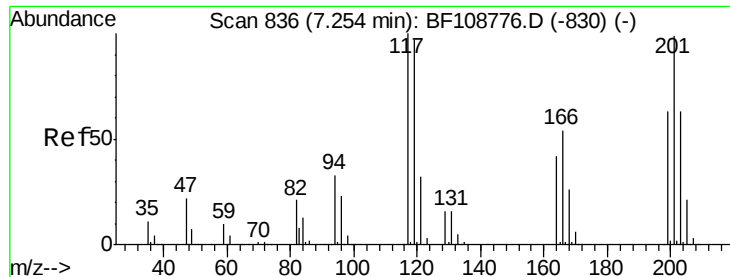
105 797.5 81.1 121.1#

106 69.5 74.5 114.5#



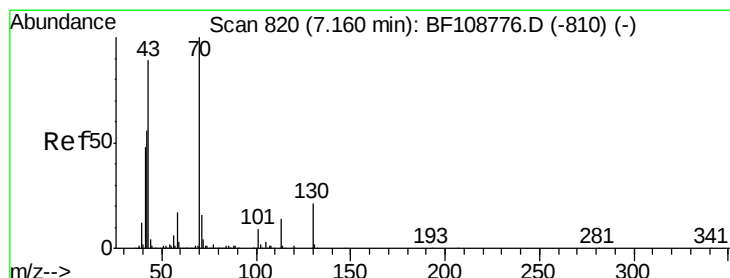
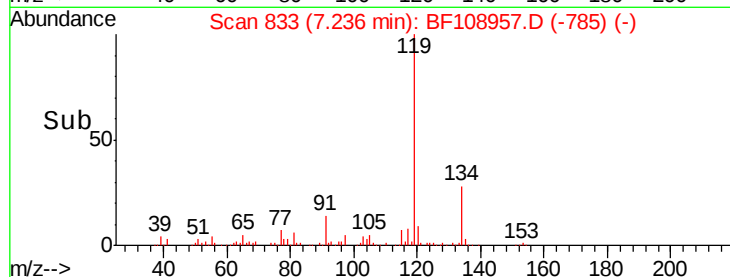
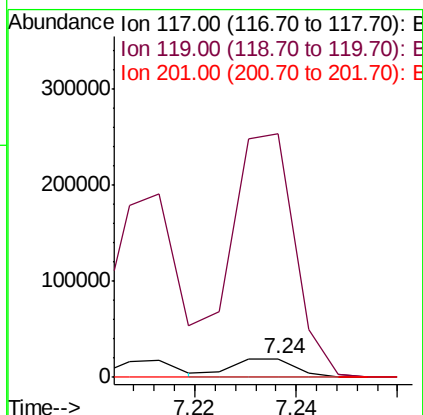
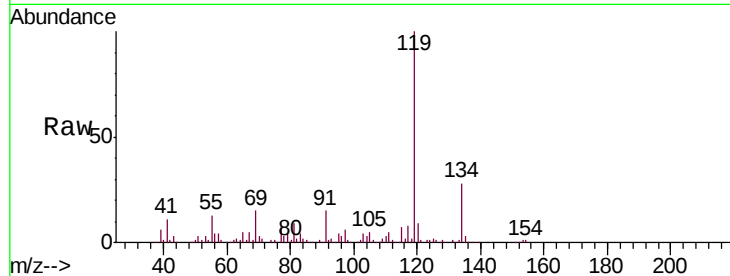
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





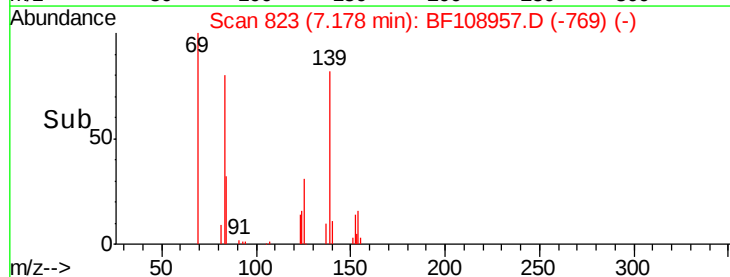
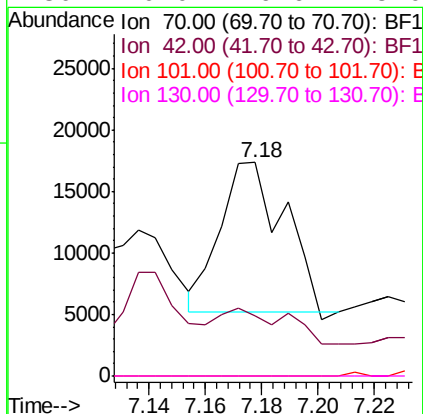
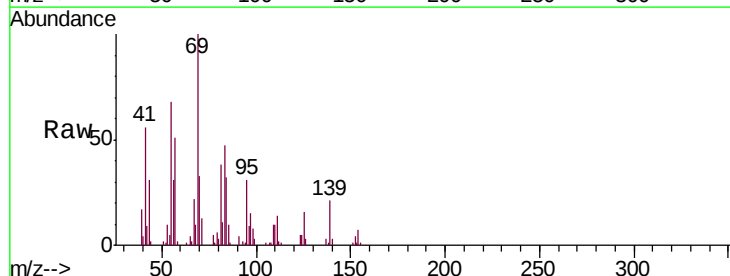
#18
Hexachloroethane
Concen: 4.224 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

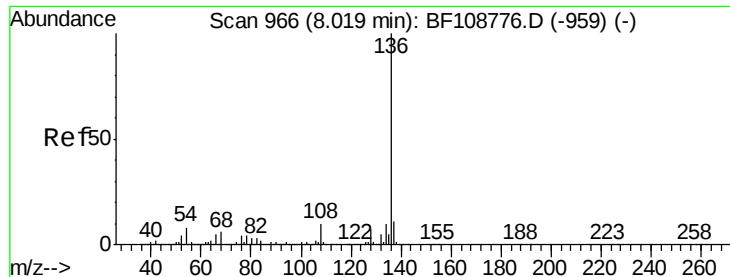
Tgt Ion: 117 Resp: 16609
Ion Ratio Lower Upper
117 100
119 1329.1 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.461 ng
RT: 7.18 min Scan# 823
Delta R.T. 0.02 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

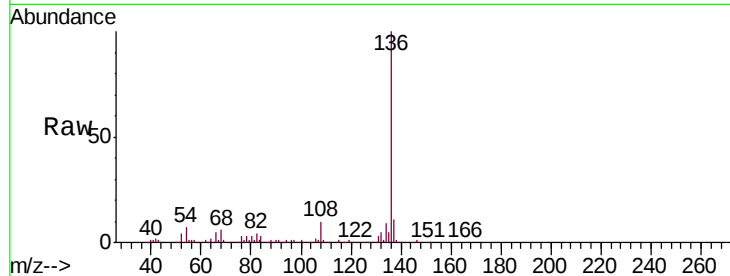
Tgt Ion: 70 Resp: 19004
Ion Ratio Lower Upper
70 100
42 28.5 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



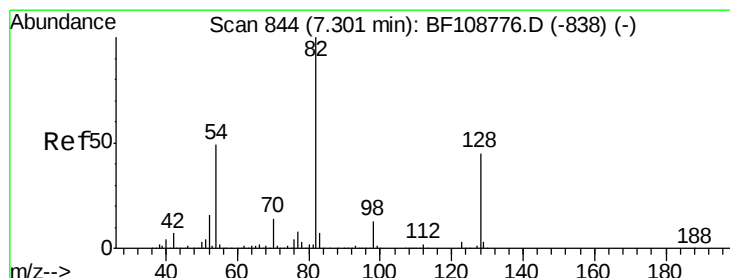
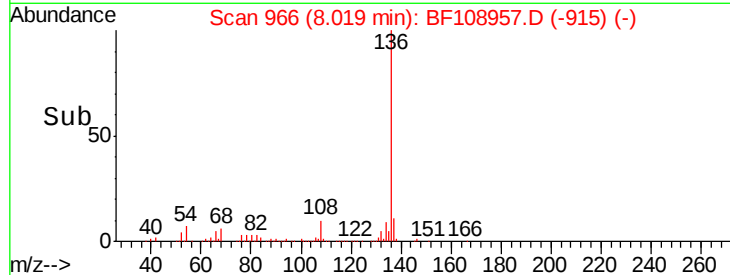
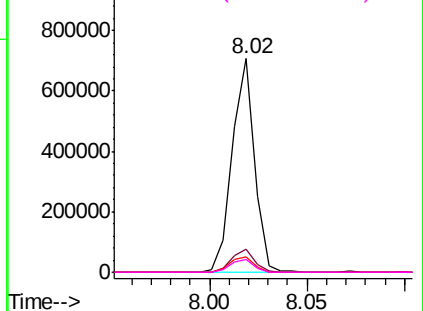


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

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

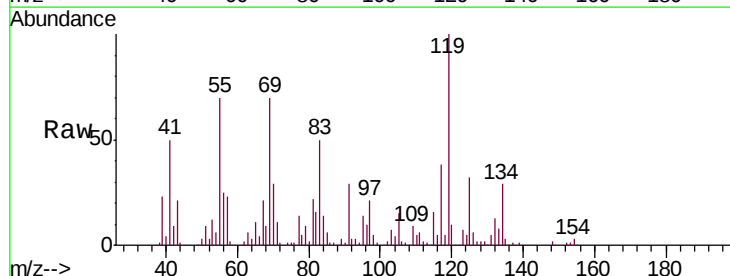


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

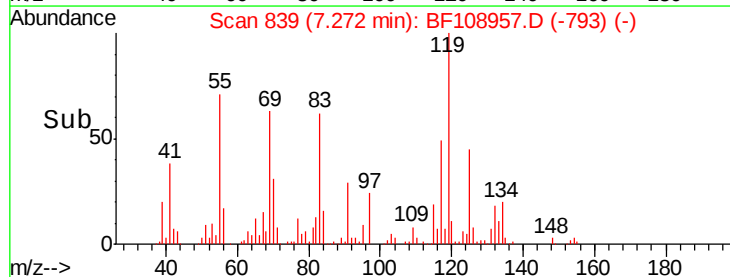
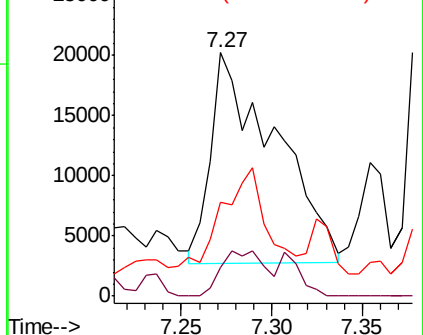


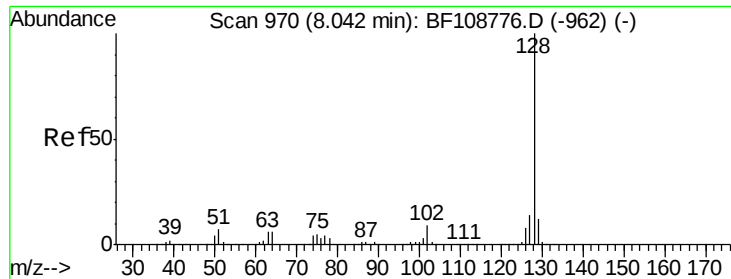
#23
Nitrobenzene-d5
Concen: 4.836 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.03 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

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



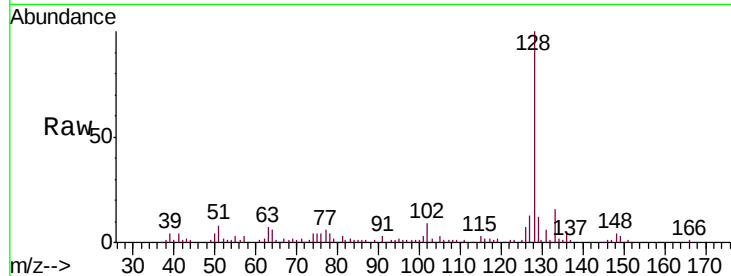
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#31
Naphthalene
Concen: 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	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.3	10.9	16.3

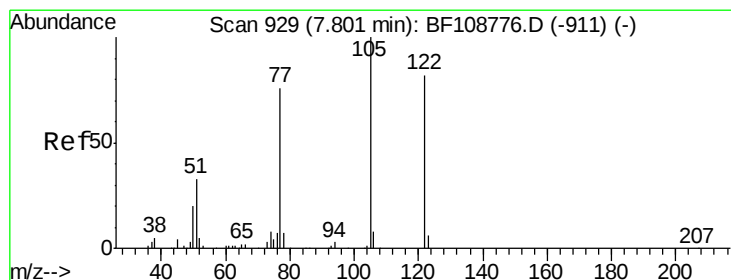
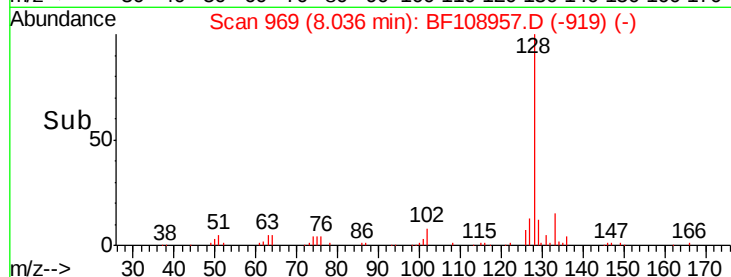
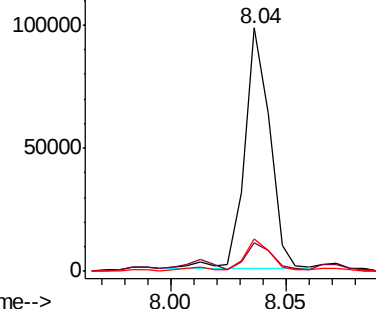


Abundance

Ion 128.00 (127.70 to 128.70): E

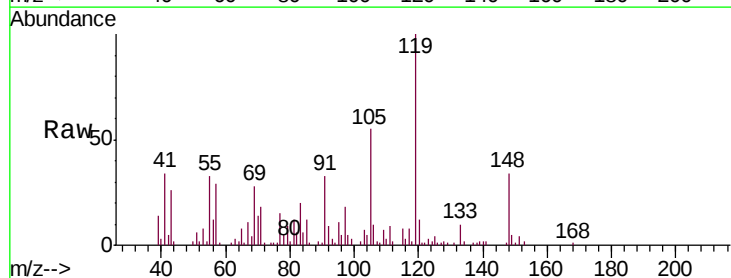
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 4.040 ng
RT: 7.79 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF108957.D
Acq: 12 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	7893.2	101.1	141.1#
77	2102.9	70.7	110.7#

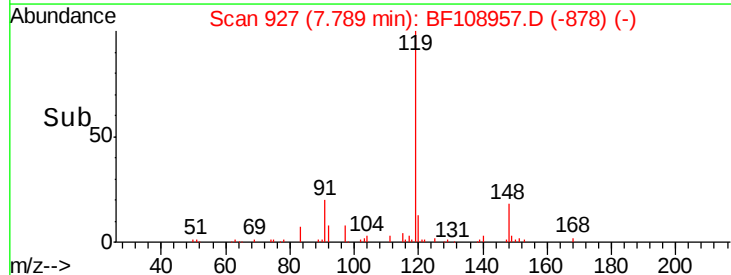
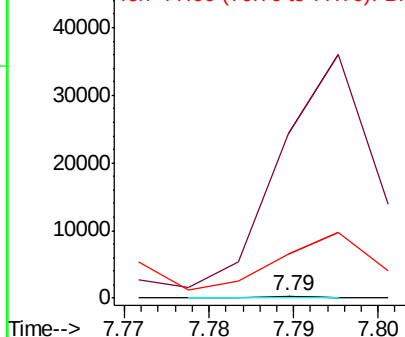


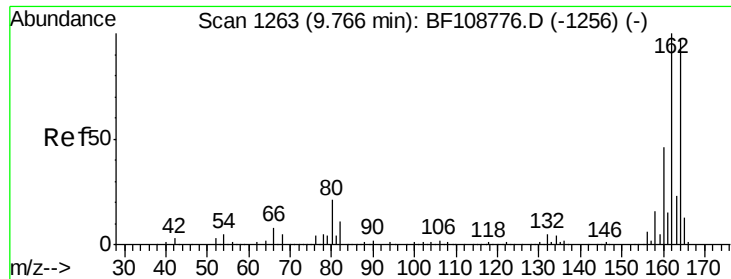
Abundance

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





#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

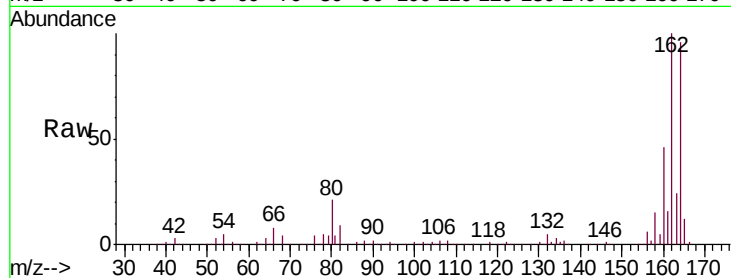
Tgt Ion:164 Resp: 260896

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

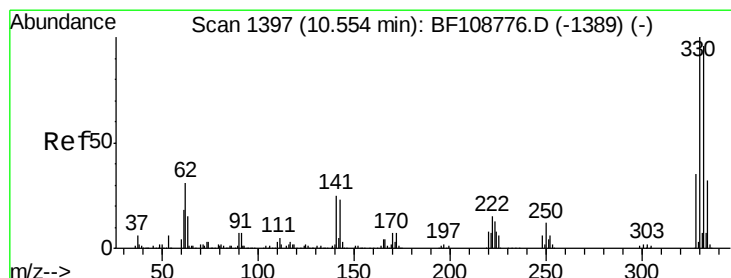
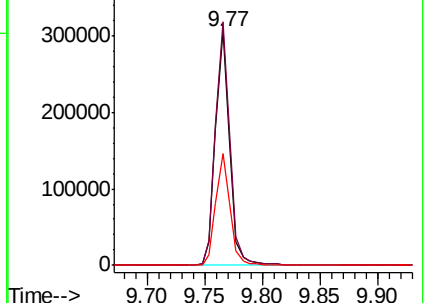
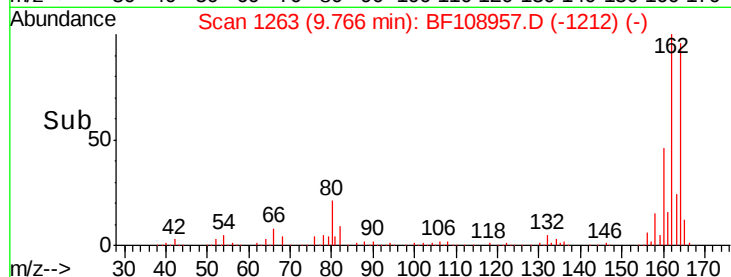
160 47.7 38.3 57.5



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

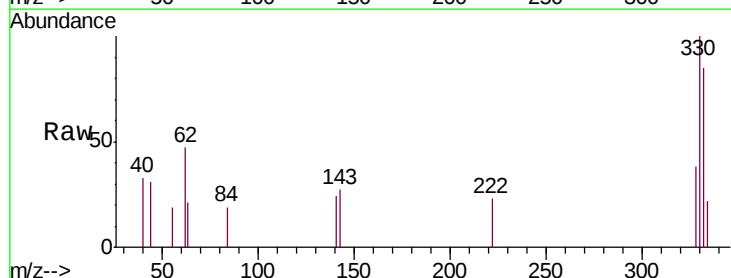
Tgt Ion:330 Resp: 1715

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

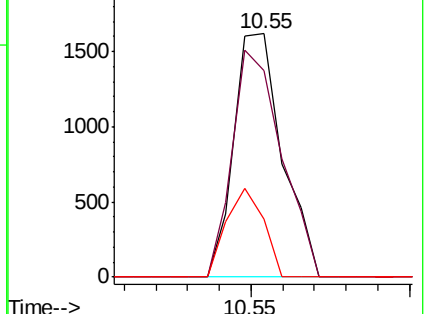
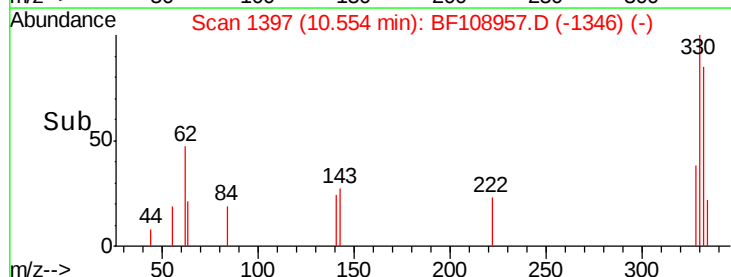
141 27.6 29.9 44.9#

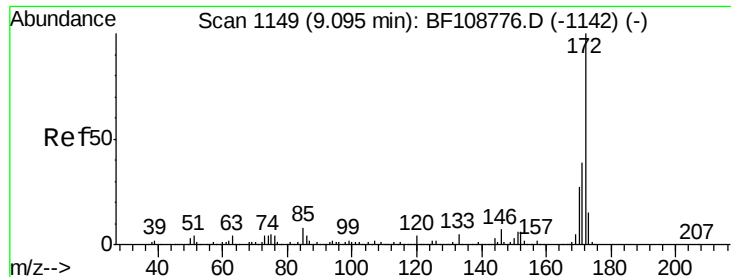


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

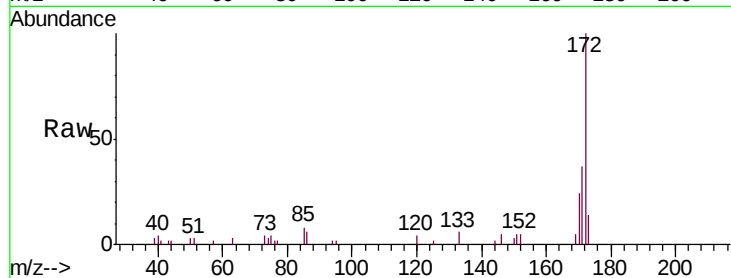
Ion 141.00 (140.70 to 141.70): E





#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	23.5	19.6	29.4

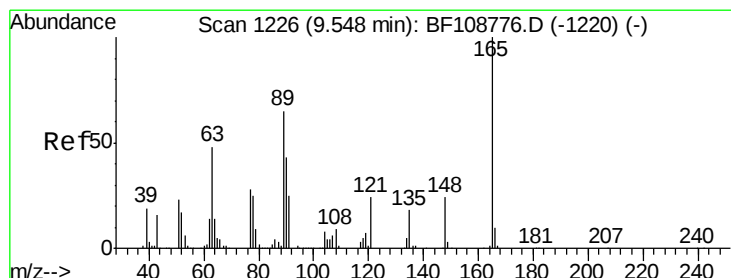
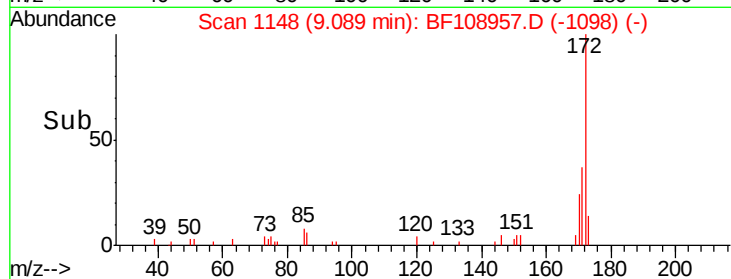
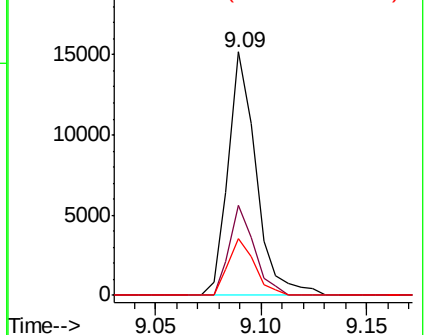


Abundance

Ion 172.00 (171.70 to 172.70): E

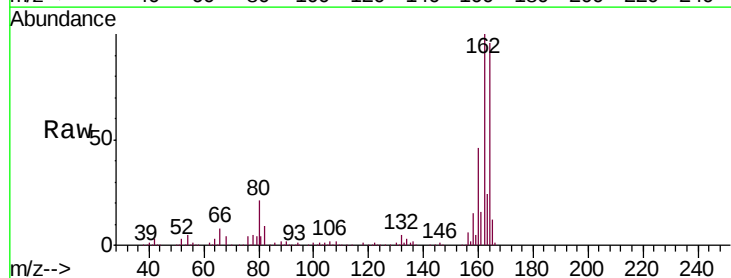
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 2,6-Dinitrotoluene
 Concen: 9.464 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.22 min
 Lab File: BF108957.D
 Acq: 12 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.2	44.0	66.0#

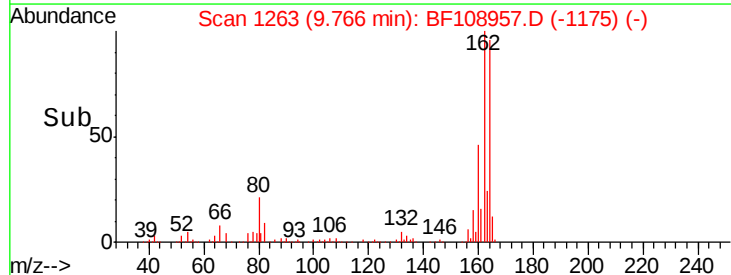
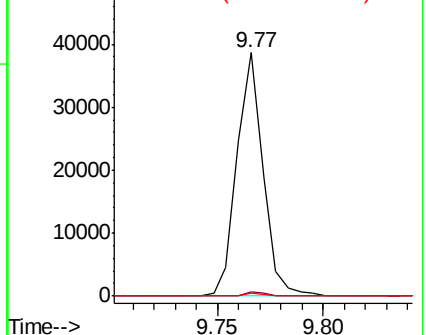


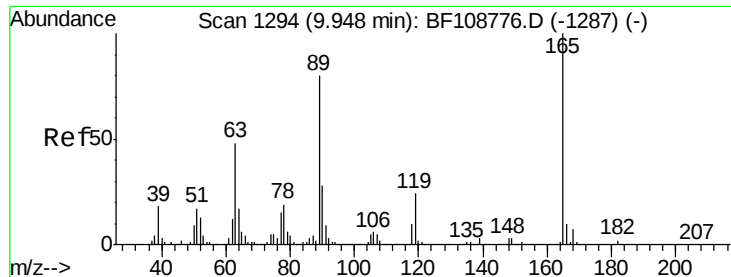
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

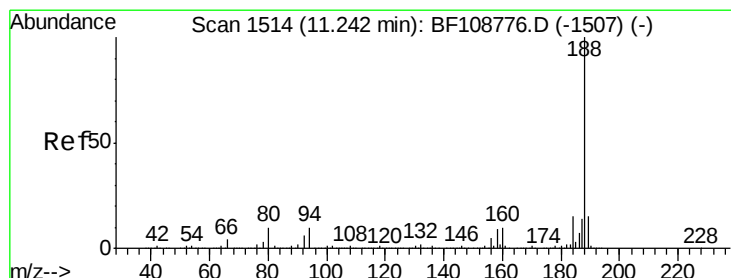
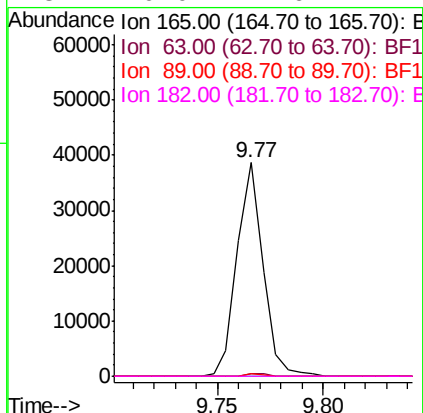
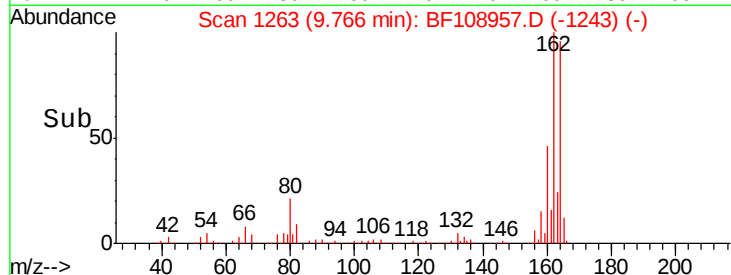
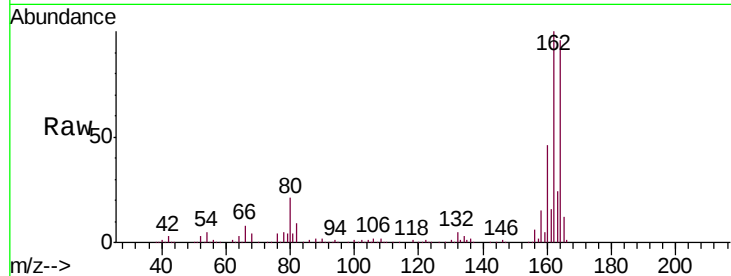
Ion 89.00 (88.70 to 89.70): BF1





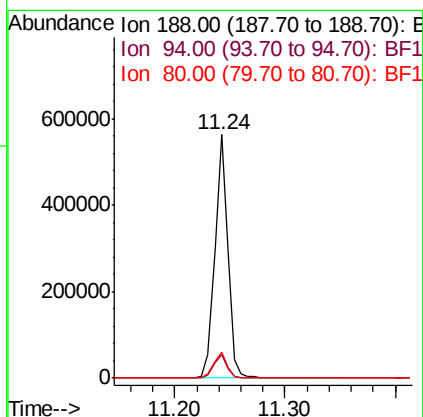
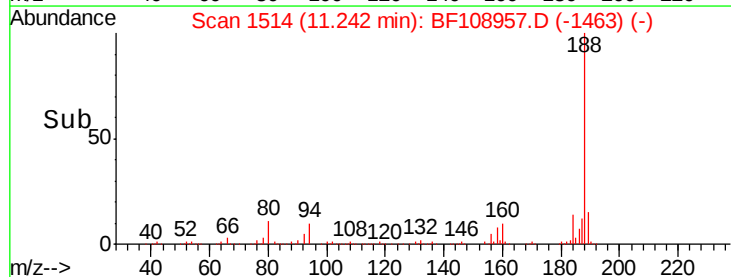
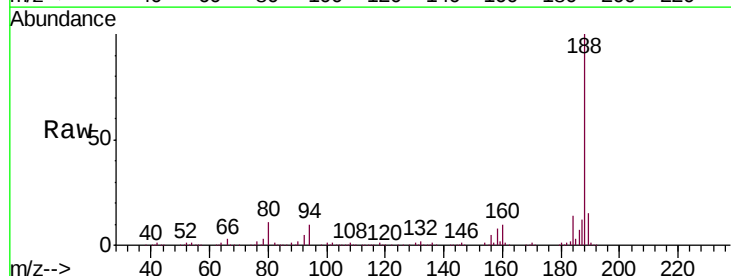
#56
 2,4-Dinitrotoluene
 Concen: 7.400 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108957.D
 Acq: 12 Sep 2018 18:33

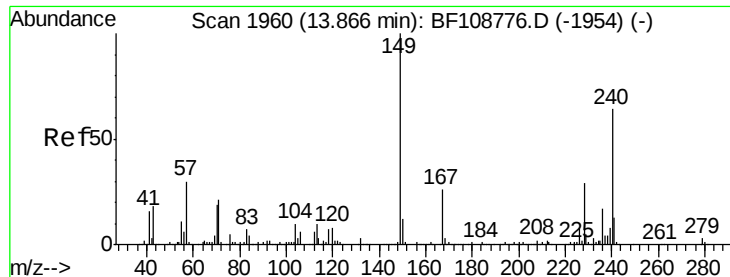
Tgt Ion:	165	Resp:	32906
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#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





#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

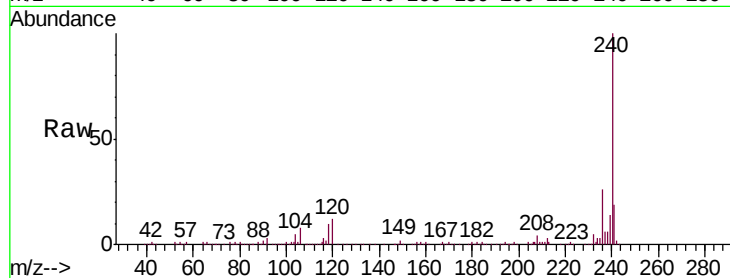
Tgt Ion: 240 Resp: 341277

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

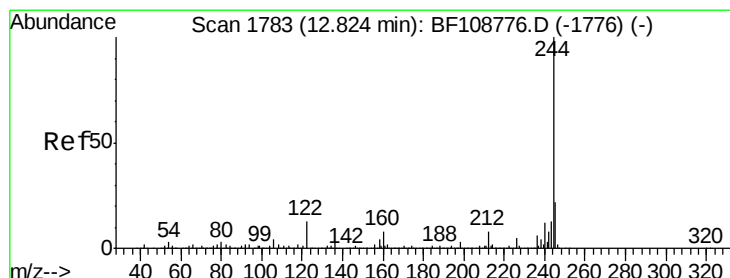
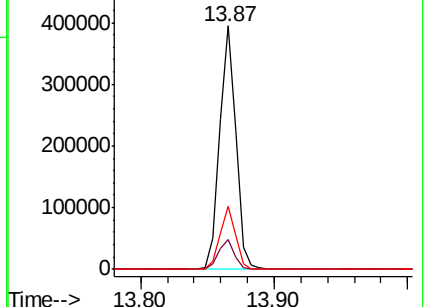
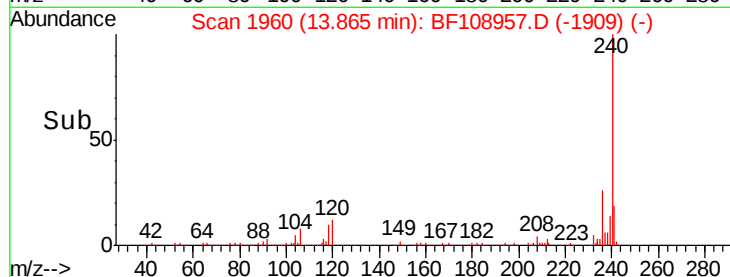
236 26.0 20.7 31.1



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

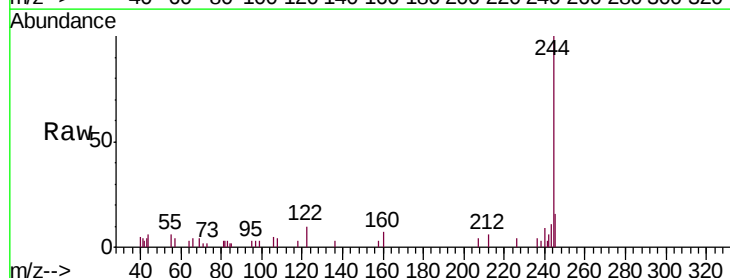
Tgt Ion: 244 Resp: 10792

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

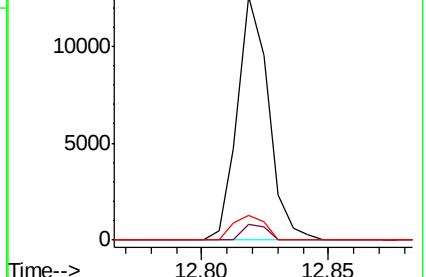
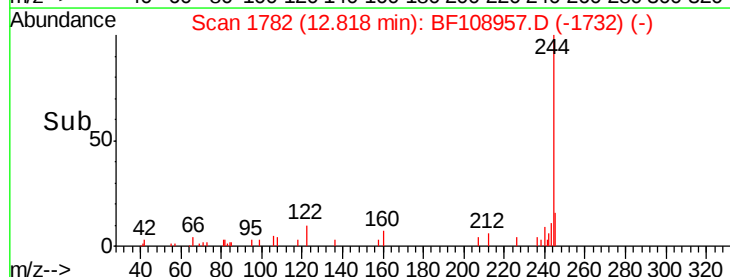
122 10.3 11.0 16.4#

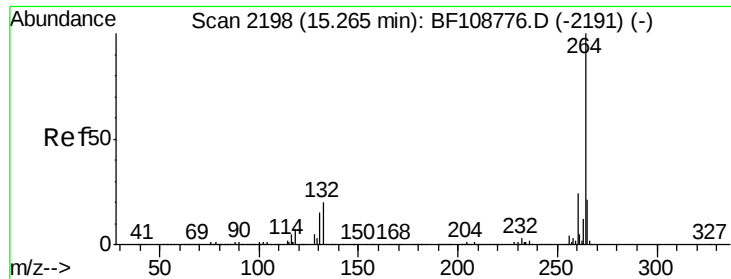


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion:	264	Resp:	416499
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

