

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
 Data File : BF108952.D
 Acq On : 12 Sep 2018 16:18
 Operator : JU/SJ
 Sample : J4856-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 12 17:53:55 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	164241	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	623730	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	311579	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	594577	20.00	ng	0.00
75) Chrysene-d12	13.87	240	453322	20.00	ng	0.00
86) Perylene-d12	15.28	264	400081	20.00	ng	0.01

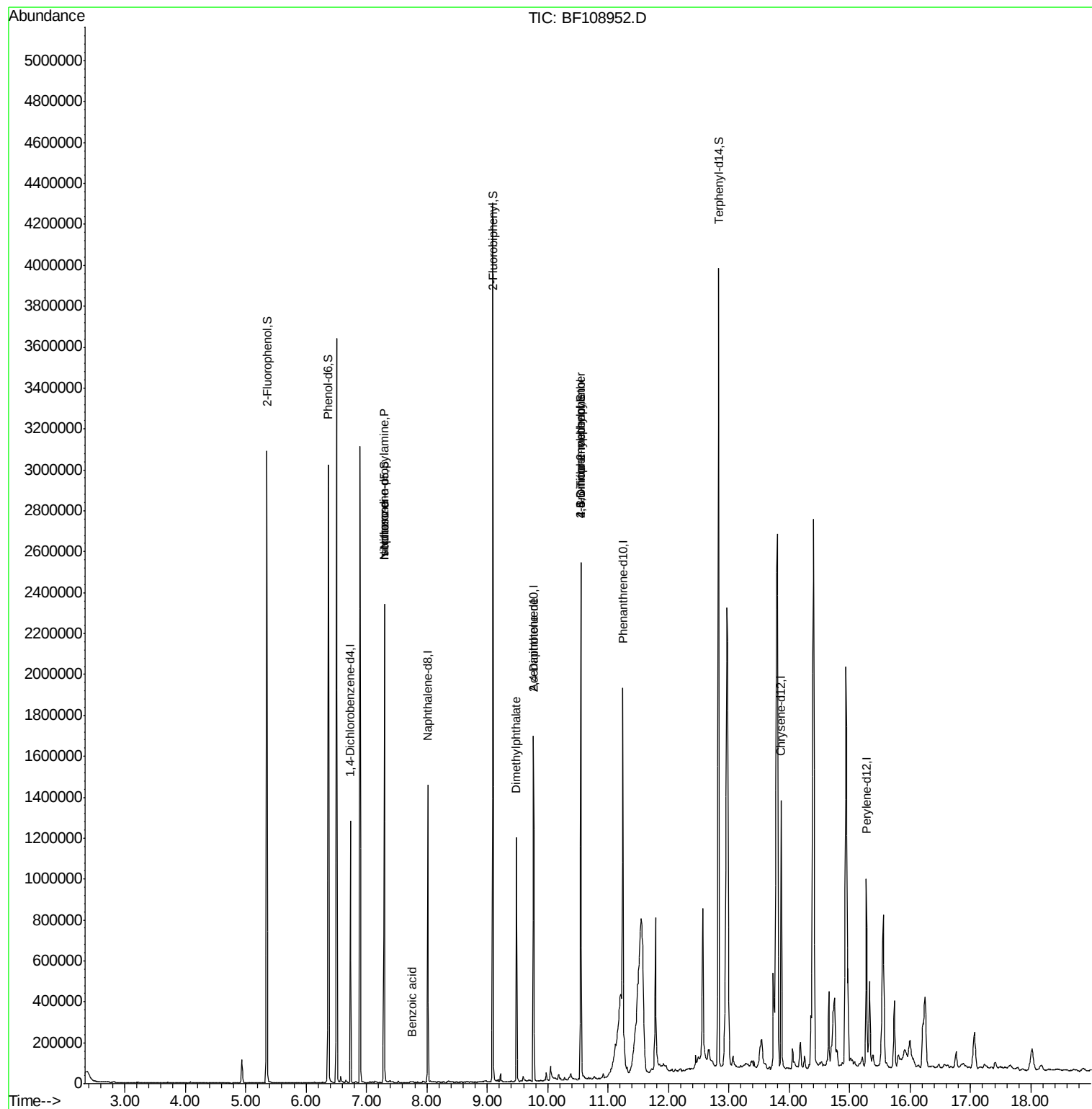
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	946713	95.49	ng	0.02
7) Phenol-d6	6.37	99	1221290	95.74	ng	0.00
23) Nitrobenzene-d5	7.30	82	775394	77.80	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	332548	111.80	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1327631	72.69	ng	0.00
78) Terphenyl-d14	12.83	244	1314201	67.60	ng	0.00

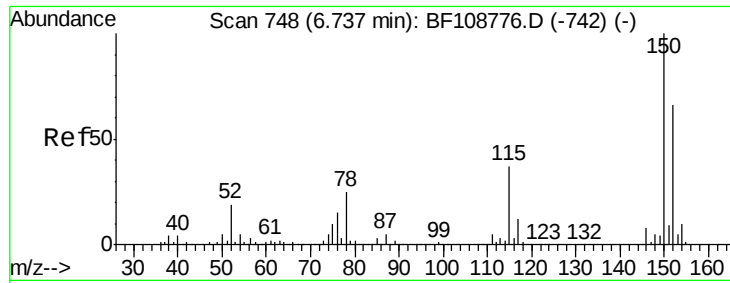
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	104954	11.837	ng	# 76
25) Isophorone	7.30	82	769671	38.715	ng	# 64
32) Benzoic acid	7.75	122	223	4.059	ng	# 44
49) Dimethylphthalate	9.48	163	449866	20.643	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	40678	7.660	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	678	7.117	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	20365	3.033	ng	# 1

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

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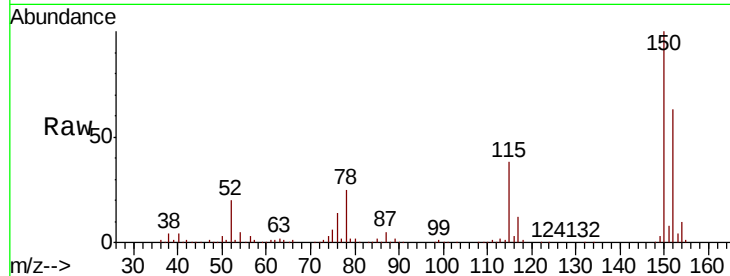
Quant Time: Sep 12 17:53:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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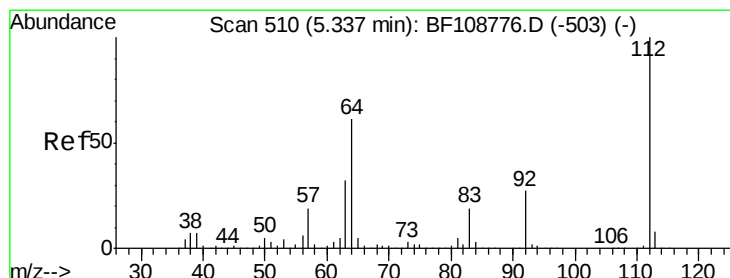
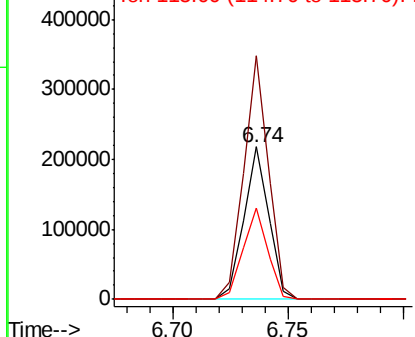
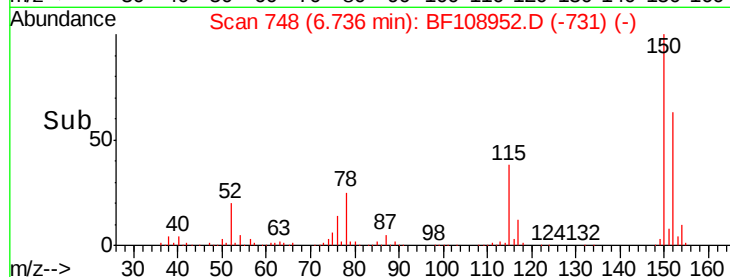


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108952.D
 Acq: 12 Sep 2018 16:18

Tot Ion:152 Resp: 164241
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 60.2 50.1 75.1

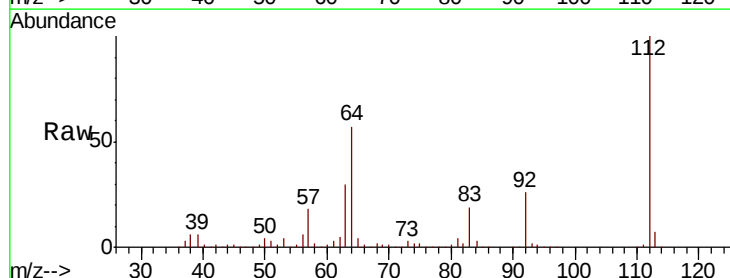


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

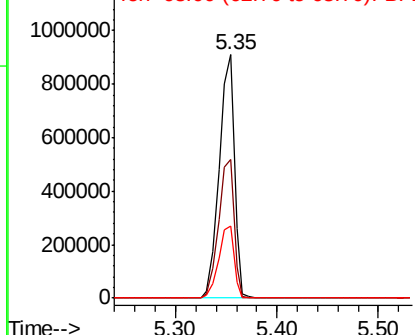
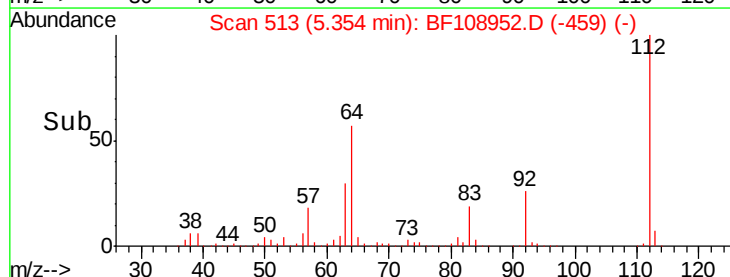


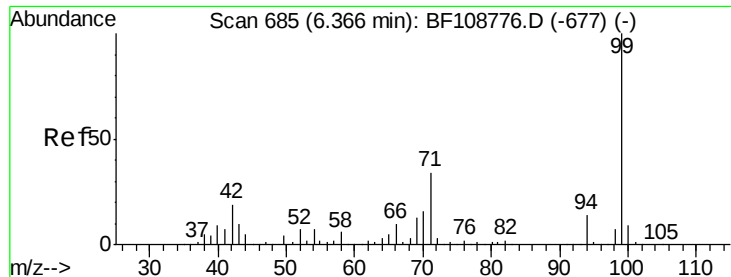
#5
 2-Fluorophenol
 Concen: 95.493 ng
 RT: 5.35 min Scan# 513
 Delta R.T. 0.02 min
 Lab File: BF108952.D
 Acq: 12 Sep 2018 16:18

Tgt Ion:112 Resp: 946713
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 29.6 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: 95.744 ng

RT: 6.37 min Scan# 686

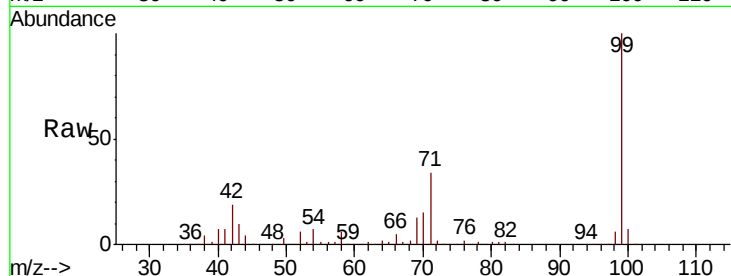
Delta R.T. 0.01 min

Lab File: BF108952.D

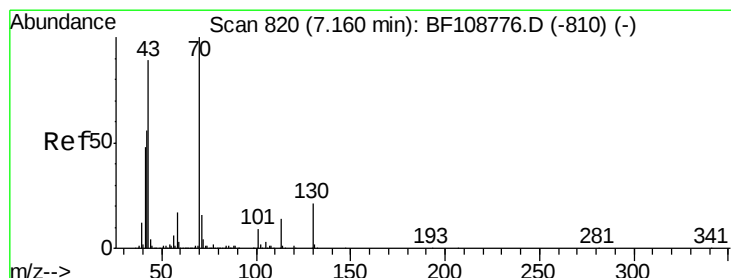
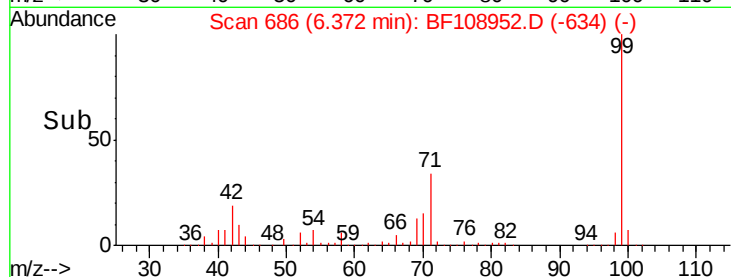
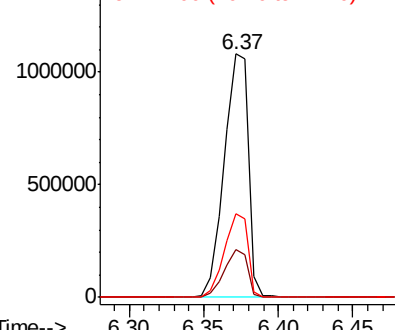
Acq: 12 Sep 2018 16:18

Tot Ion: 99 Resp: 1221290

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	34.4	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



#19

n-Nitroso-di-n-propylamine

Concen: 11.837 ng

RT: 7.30 min Scan# 843

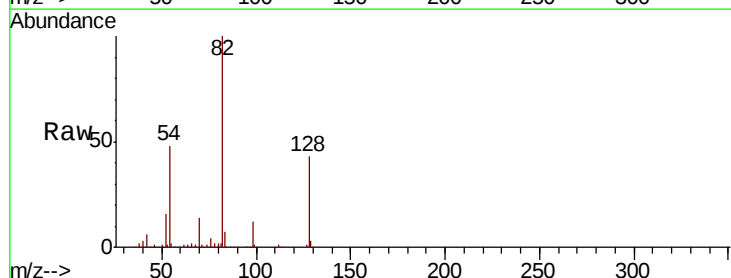
Delta R.T. 0.14 min

Lab File: BF108952.D

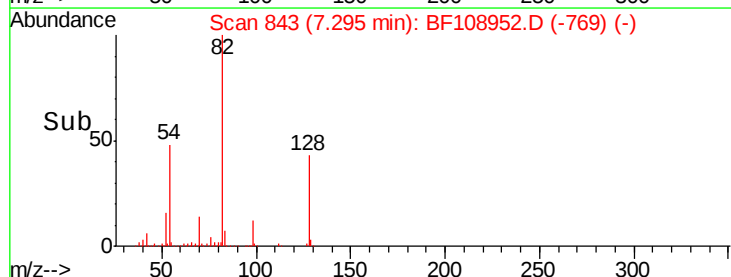
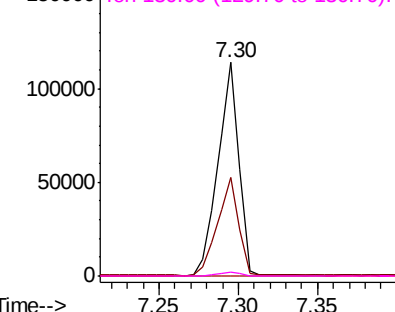
Acq: 12 Sep 2018 16:18

Tgt Ion: 70 Resp: 104954

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108952.D

Acq: 12 Sep 2018 16:18

Tot Ion:136 Resp: 623730

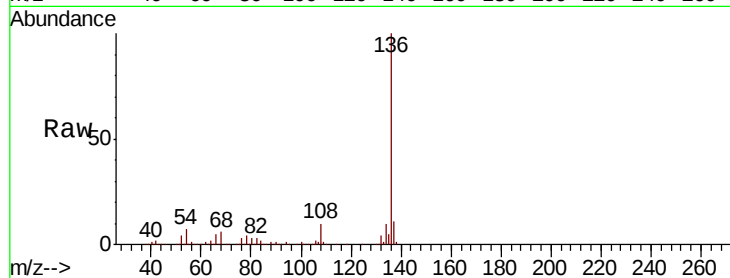
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

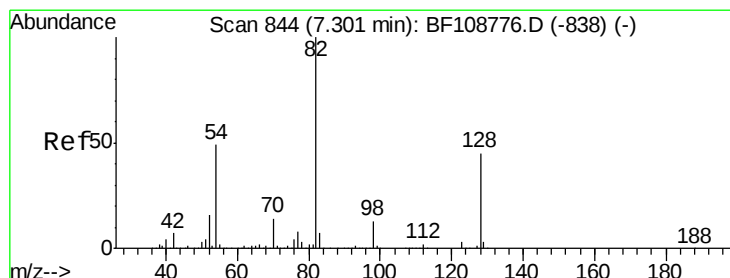
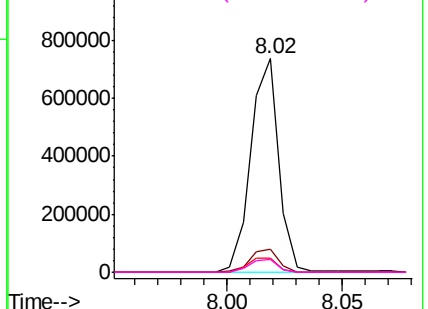
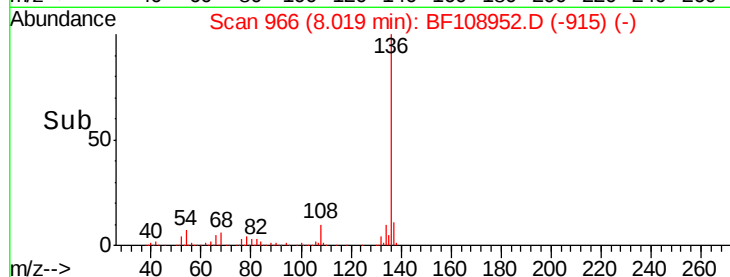


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.798 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF108952.D

Acq: 12 Sep 2018 16:18

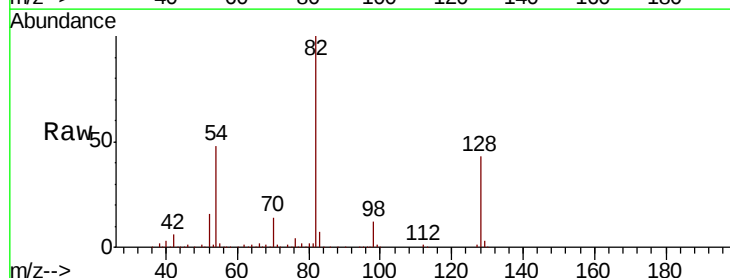
Tgt Ion: 82 Resp: 775394

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

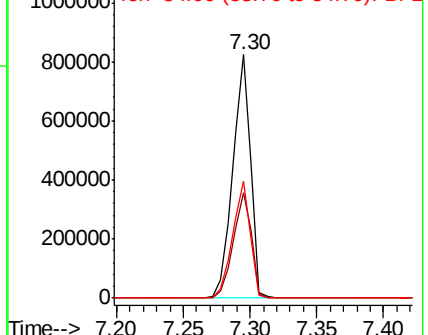
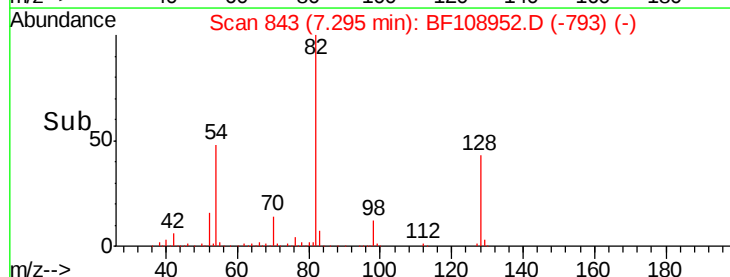
54 48.0 41.4 62.2

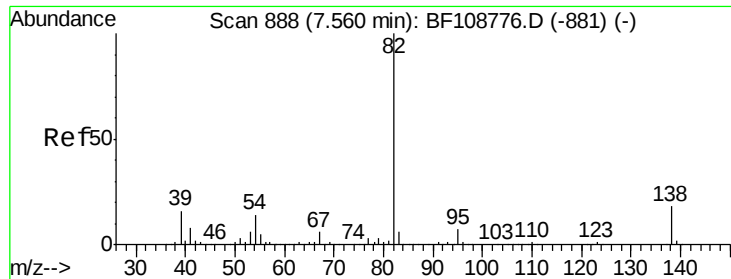


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.715 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108952.D

Acq: 12 Sep 2018 16:18

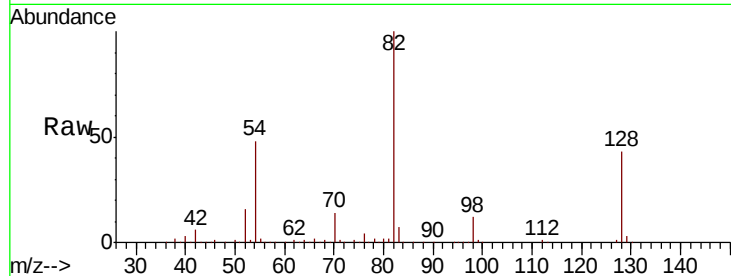
Tot Ion: 82 Resp: 769671

Ion Ratio Lower Upper

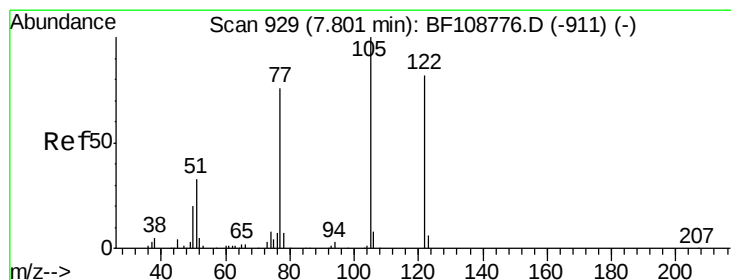
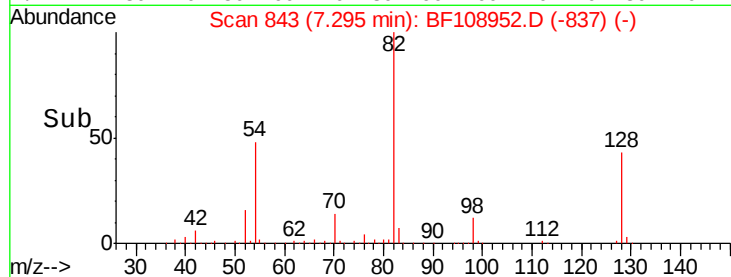
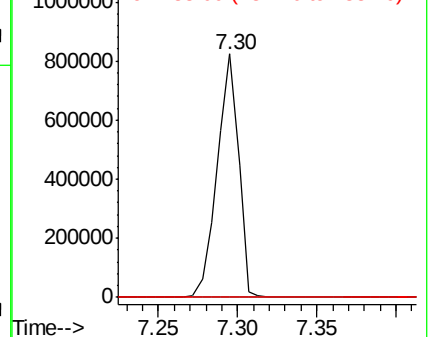
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 4.059 ng

RT: 7.75 min Scan# 920

Delta R.T. -0.05 min

Lab File: BF108952.D

Acq: 12 Sep 2018 16:18

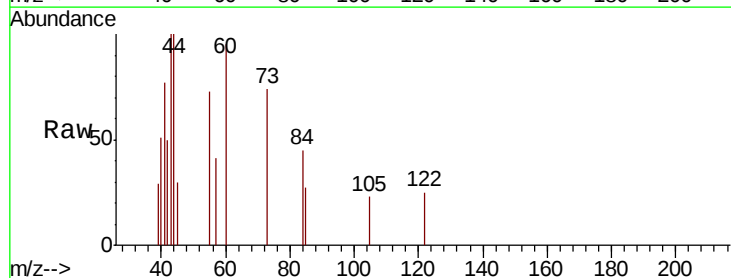
Tgt Ion: 122 Resp: 223

Ion Ratio Lower Upper

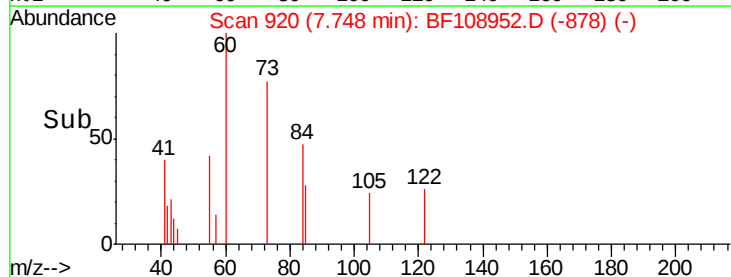
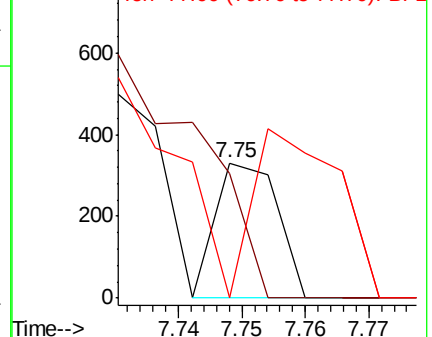
122 100

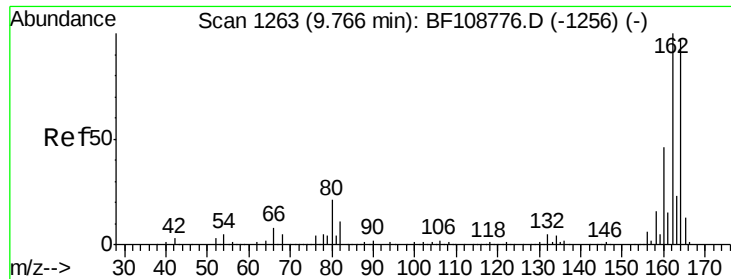
105 92.1 101.1 141.1#

77 0.0 70.7 110.7#



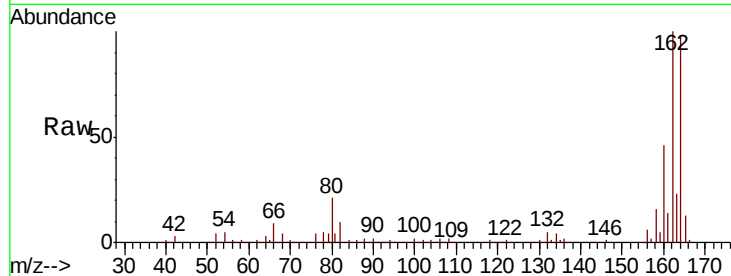
Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



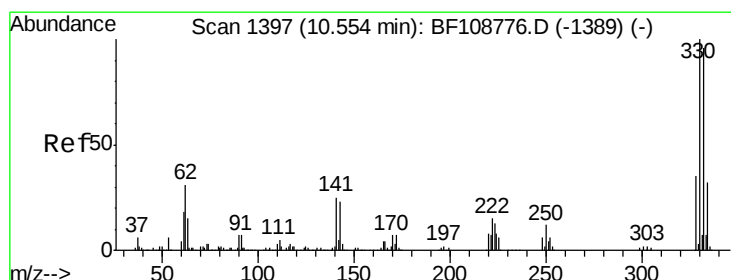
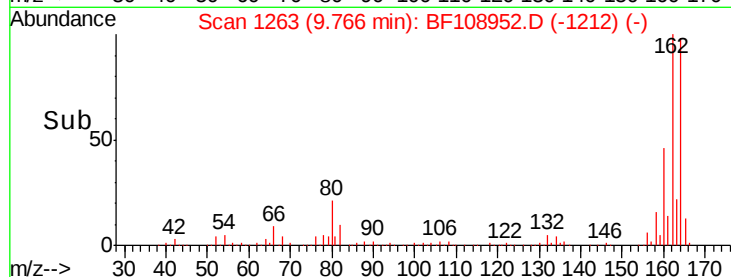
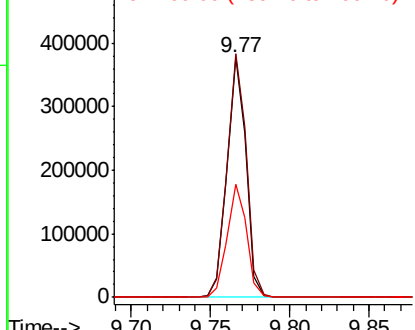


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108952.D
Acq: 12 Sep 2018 16:18

Tot Ion:164 Resp: 311579
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 47.0 38.3 57.5

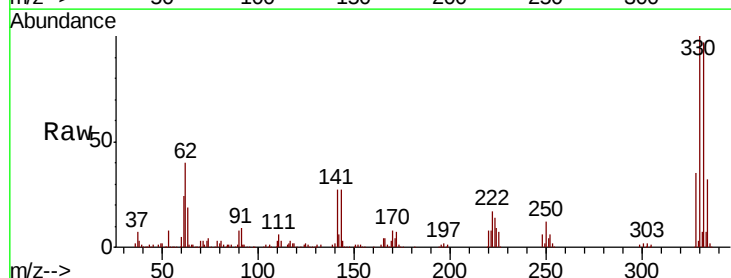


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

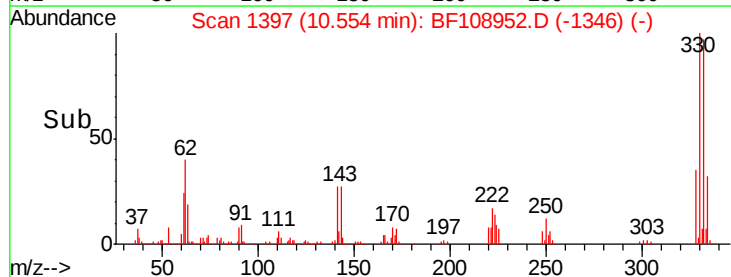
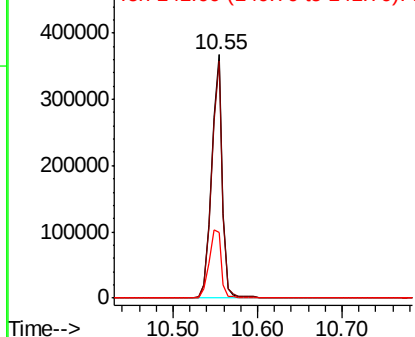


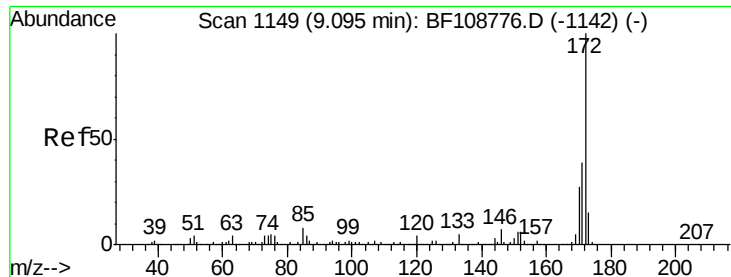
#41
2,4,6-Tribromophenol
Concen: 111.800 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF108952.D
Acq: 12 Sep 2018 16:18

Tgt Ion:330 Resp: 332548
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 31.6 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: 72.692 ng

RT: 9.10 min Scan# 1149

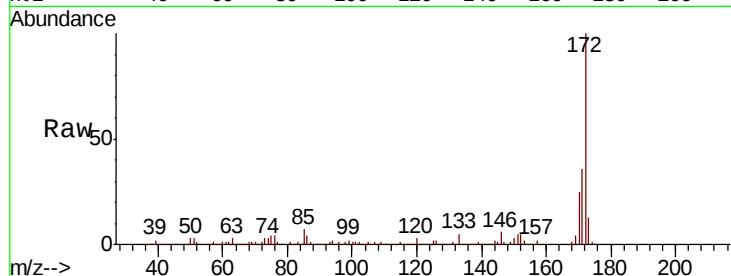
Delta R.T. -0.00 min

Lab File: BF108952.D

Acq: 12 Sep 2018 16:18

Tot Ion:172 Resp: 1327631

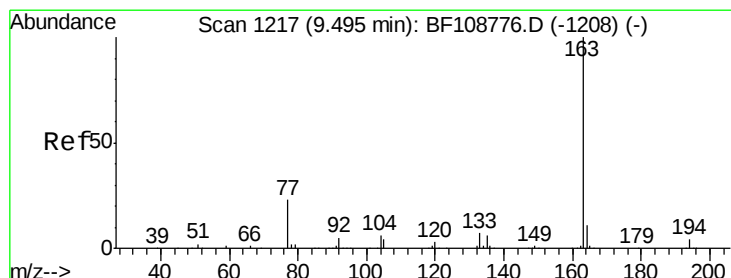
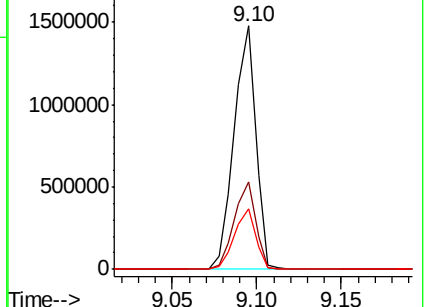
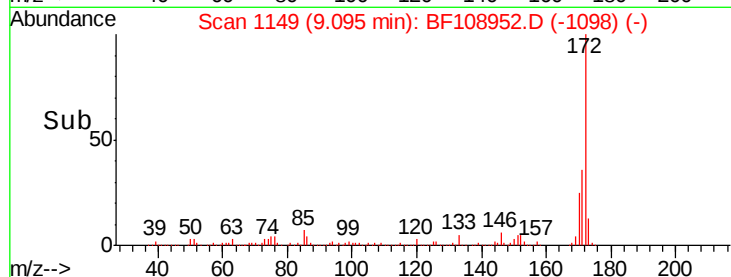
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.9	19.6	29.4



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



#49

Dimethylphthalate

Concen: 20.643 ng

RT: 9.48 min Scan# 1215

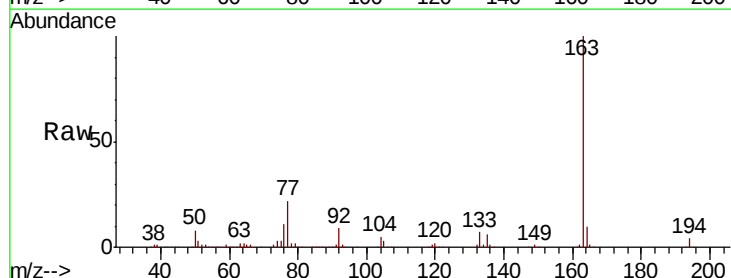
Delta R.T. -0.01 min

Lab File: BF108952.D

Acq: 12 Sep 2018 16:18

Tgt Ion:163 Resp: 449866

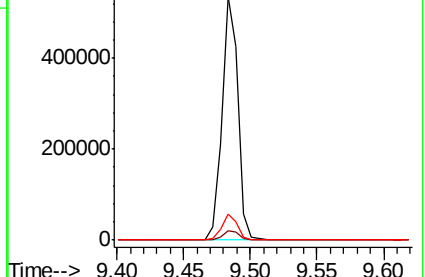
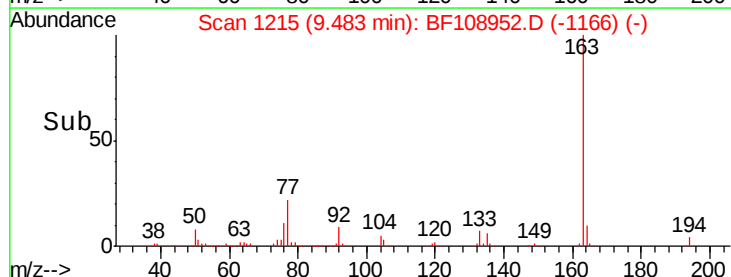
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2

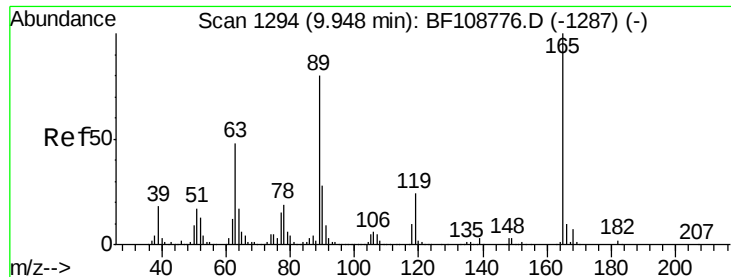


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

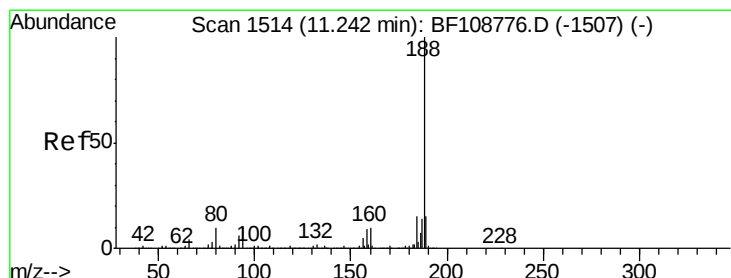
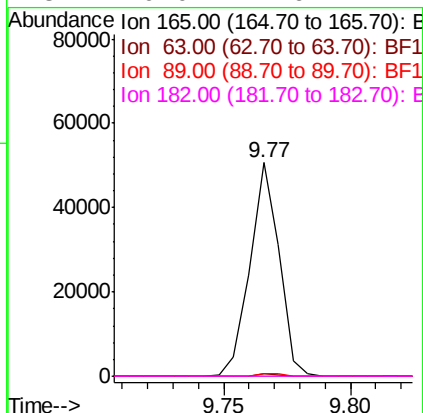
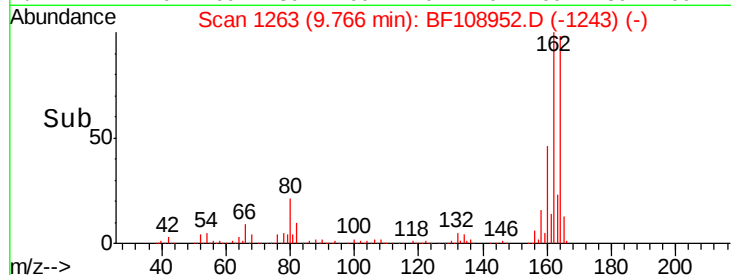
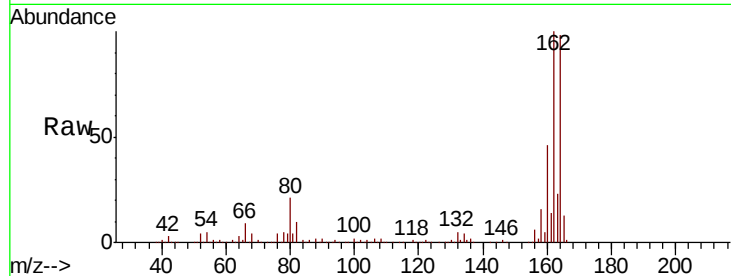
Ion 164.00 (163.70 to 164.70): E





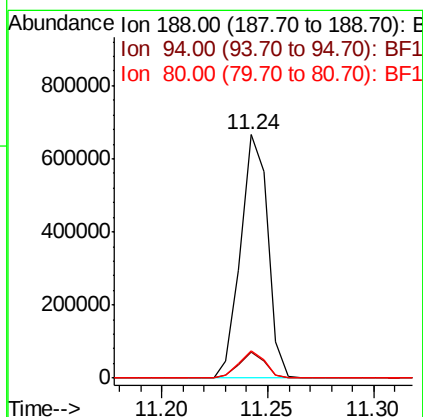
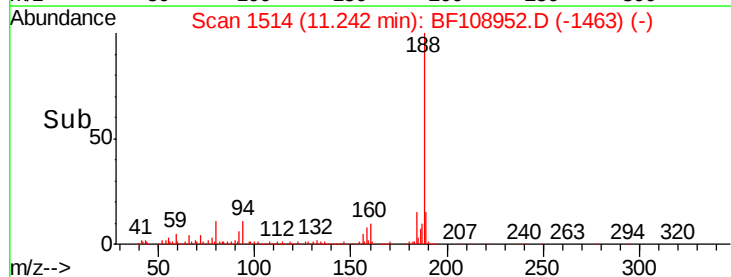
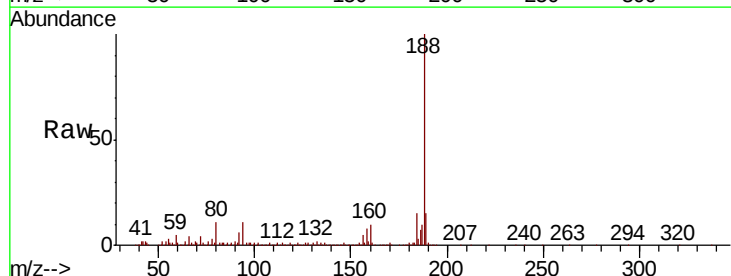
#56
 2,4-Dinitrotoluene
 Concen: 7.660 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108952.D
 Acq: 12 Sep 2018 16:18

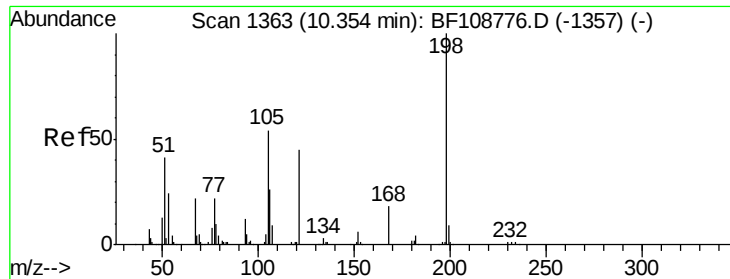
Tot Ion:	165	Resp:	40678
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108952.D
 Acq: 12 Sep 2018 16:18

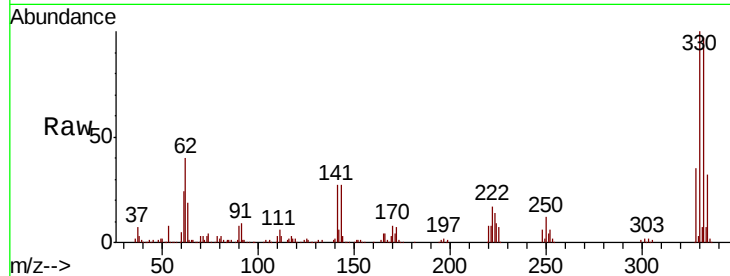
Tgt Ion:	188	Resp:	594577
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.0	9.2	13.8



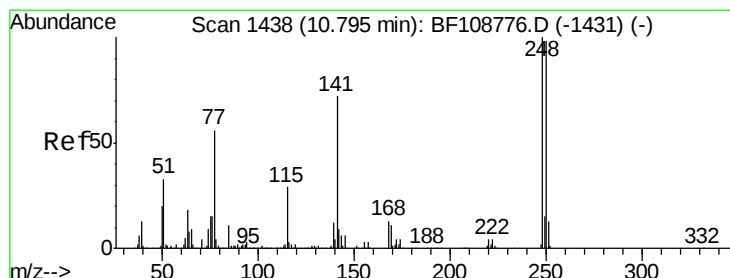
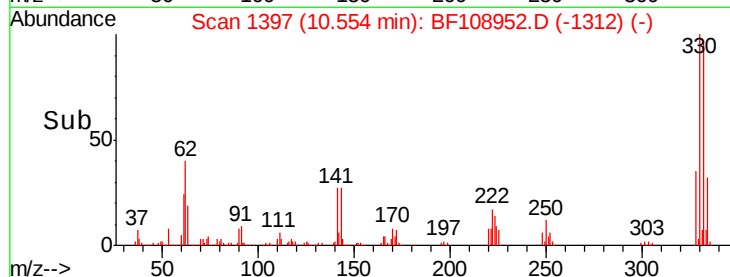
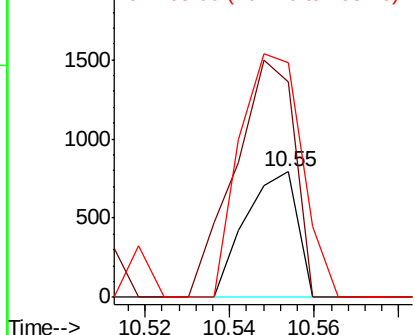


#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.117 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108952.D
 Acq: 12 Sep 2018 16:18

Tot Ion	Ratio	Lower	Upper
198	100		
51	171.5	37.7	77.7#
105	186.8	36.3	76.3#

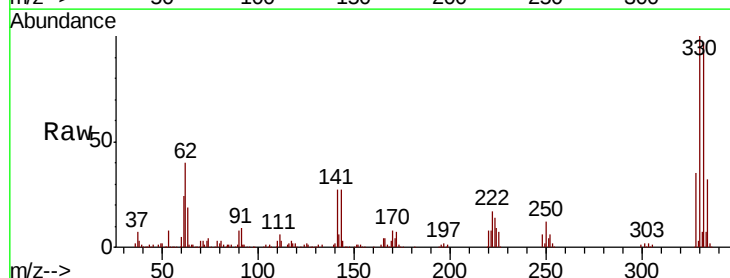


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

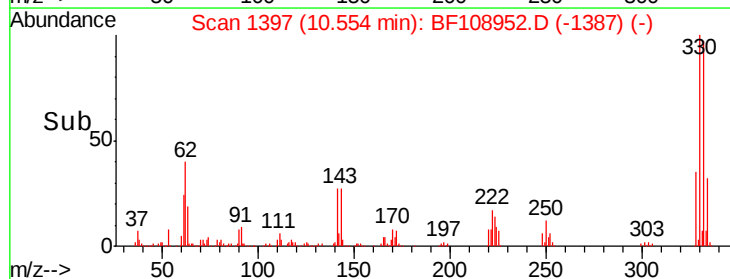
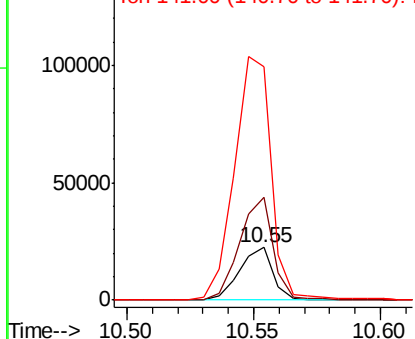


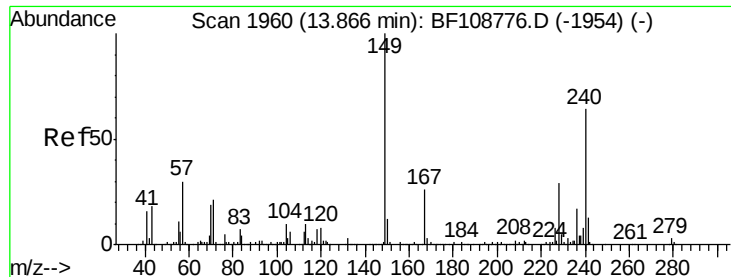
#66
 4-Bromophenyl-phenylether
 Concen: 3.033 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.24 min
 Lab File: BF108952.D
 Acq: 12 Sep 2018 16:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.9	115.3#
141	442.7	74.4	111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108952.D

Acq: 12 Sep 2018 16:18

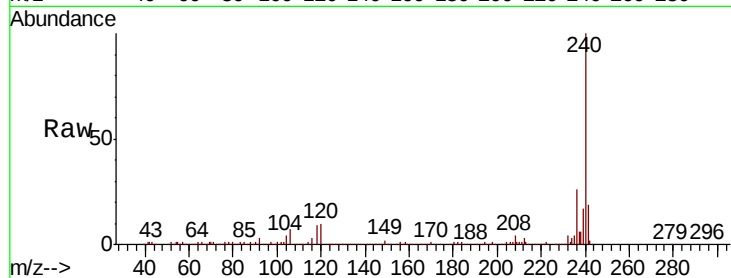
Tot Ion:240 Resp: 453322

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

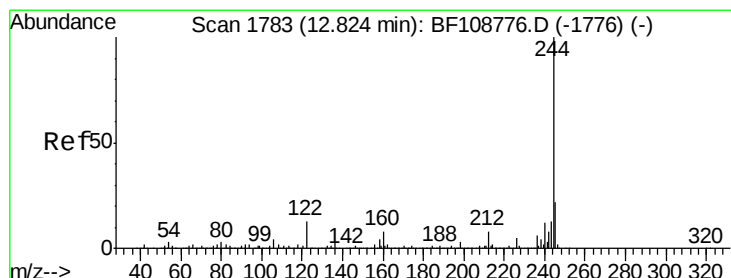
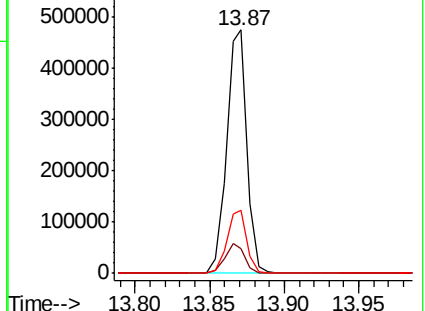
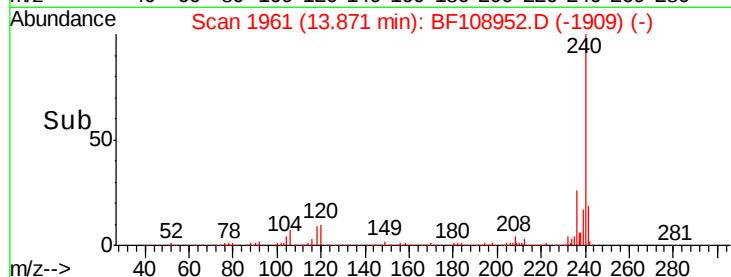
236 26.0 20.7 31.1



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: 67.603 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108952.D

Acq: 12 Sep 2018 16:18

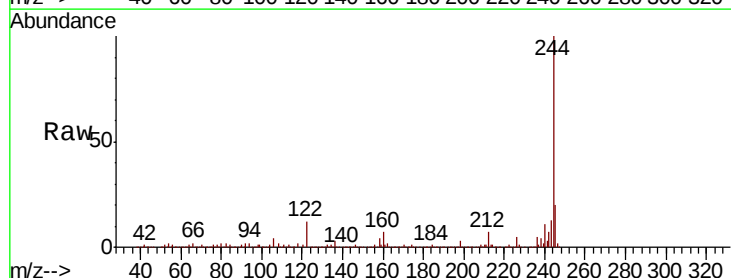
Tgt Ion:244 Resp: 1314201

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

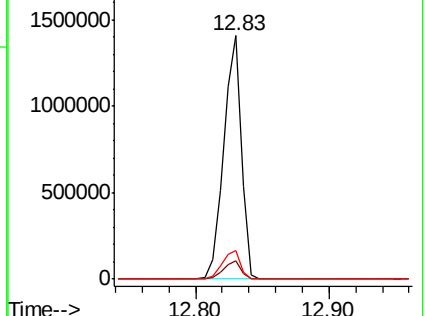
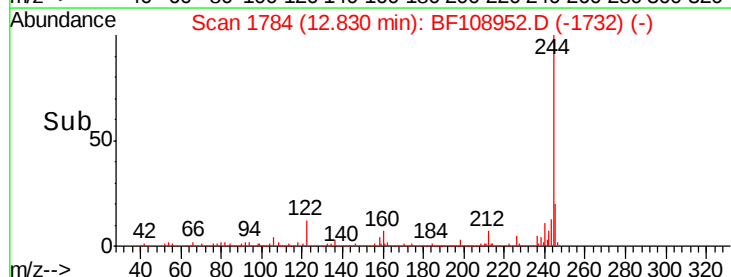
122 11.7 11.0 16.4

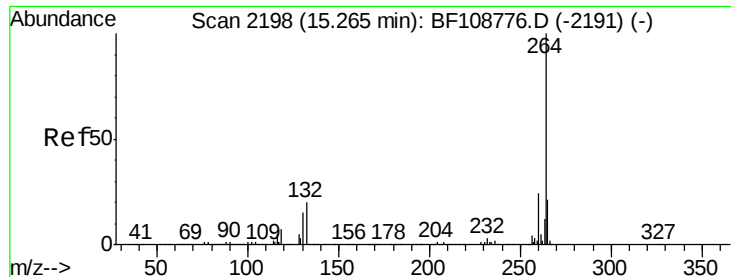


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

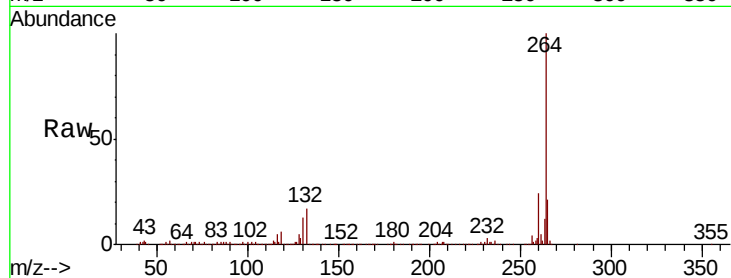
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108952.D
Acq: 12 Sep 2018 16:18

Tot Ion:	264	Resp:	400081
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	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

