

Data File : BF108908.D
Acq On : 10 Sep 2018 22:05
Operator : JU/SJ
Sample : J4783-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

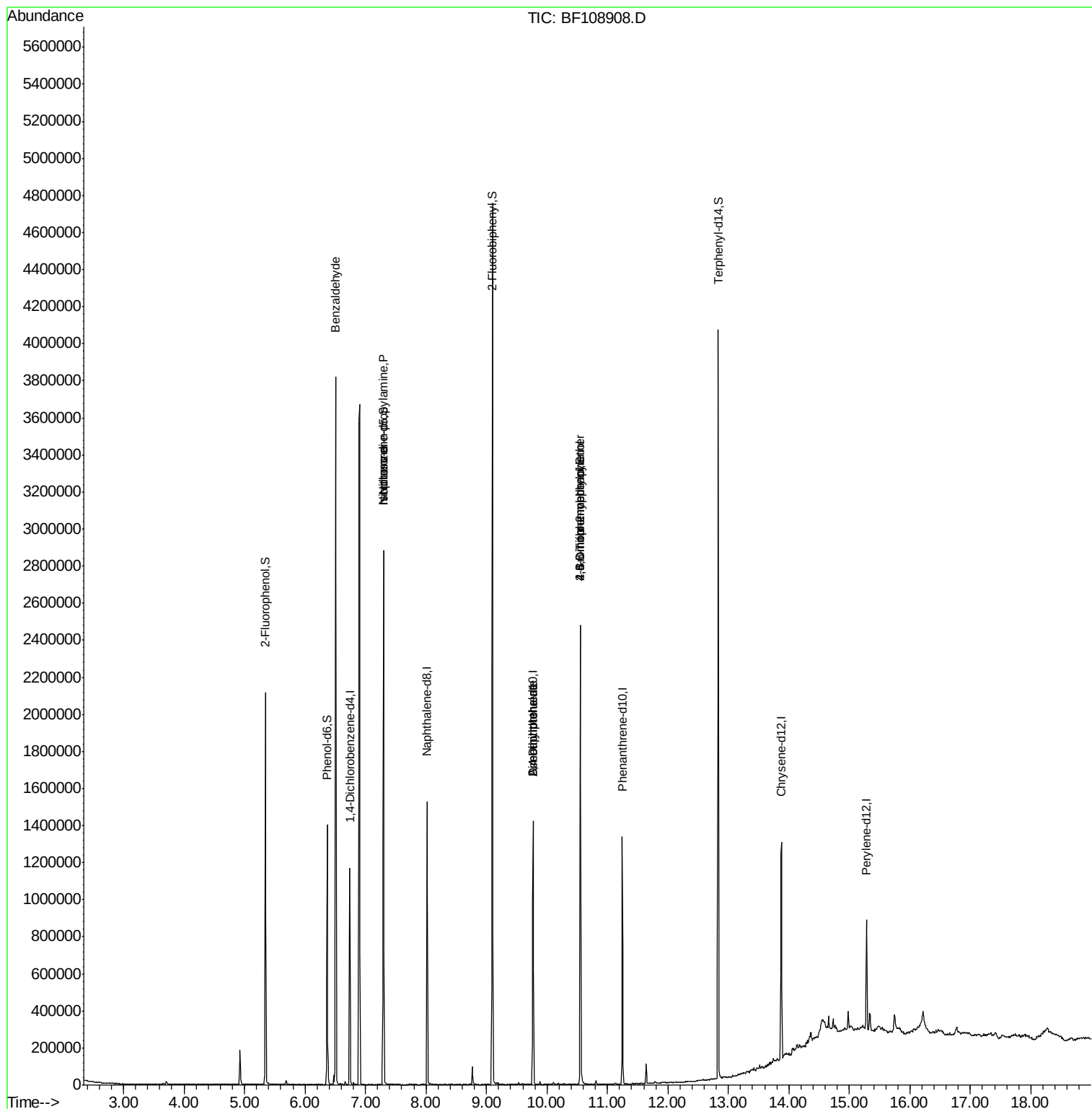
Quant Time: Sep 11 02:04:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

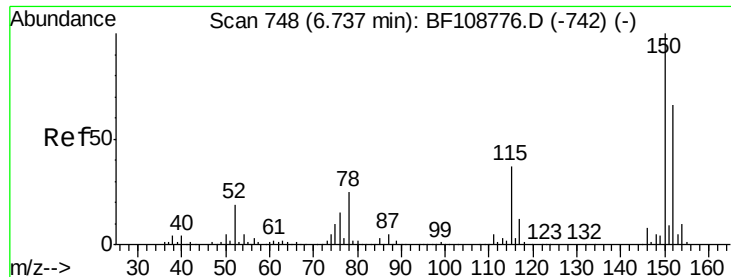
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	178231	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	622152	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	254981	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	439050	20.00	ng	0.00
75) Chrysene-d12	13.88	240	421807	20.00	ng	0.01
86) Perylene-d12	15.28	264	280037	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	546208	50.77	ng	0.01
7) Phenol-d6	6.37	99	414097	29.92	ng	0.00
23) Nitrobenzene-d5	7.30	82	970019	97.57	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	293071	120.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1574832	105.37	ng	0.00
78) Terphenyl-d14	12.83	244	1423170	78.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	23856	2.429	ng	# 72
19) n-Nitroso-di-n-propylamine	7.30	70	130807	13.595	ng	# 77
25) Isophorone	7.30	82	964925	48.659	ng	# 64
49) Dimethylphthalate	9.77	163	69917	3.920	ng	# 1
56) 2,4-Dinitrotoluene	9.77	165	31913	7.343	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.55	198	633	7.183	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	18023	3.634	ng	# 1

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

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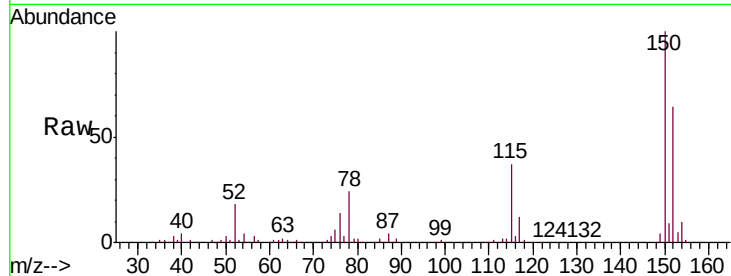




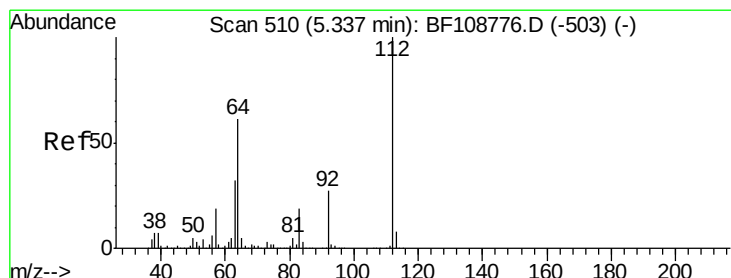
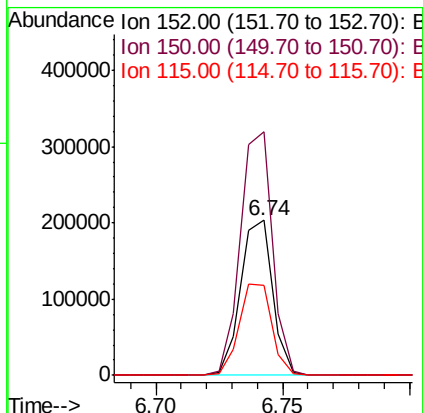
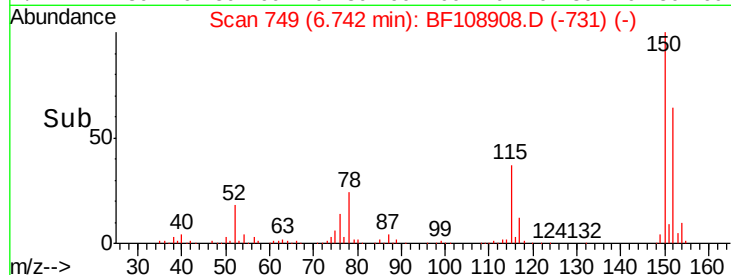
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	58.2	50.1	75.1



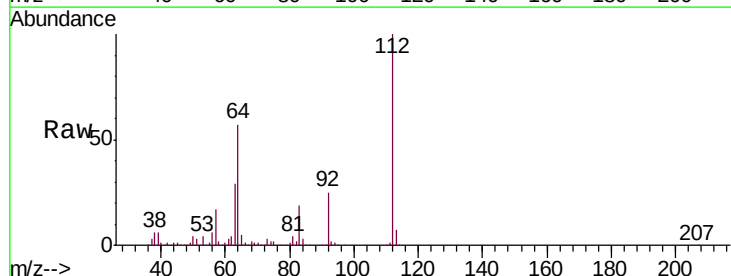
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



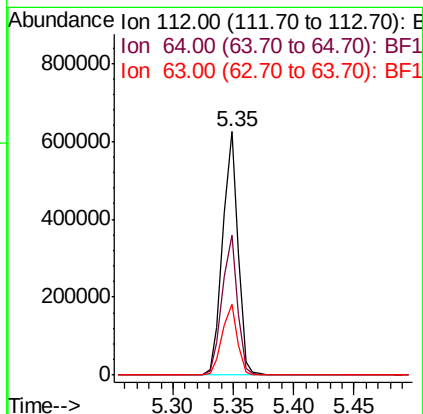
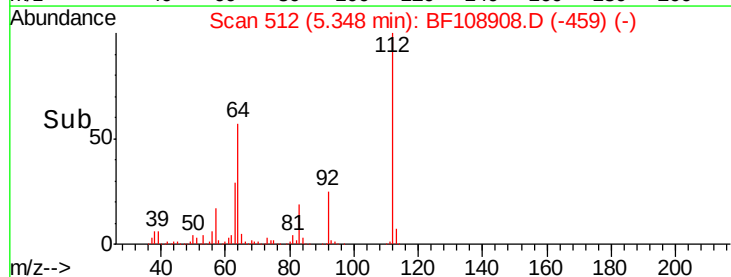
#5

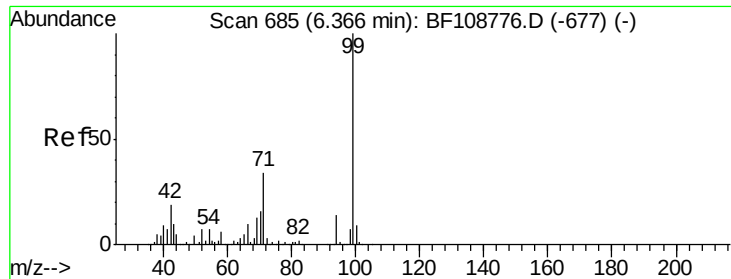
2-Fluorophenol
Concen: 50.770 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.2	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: 29.915 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

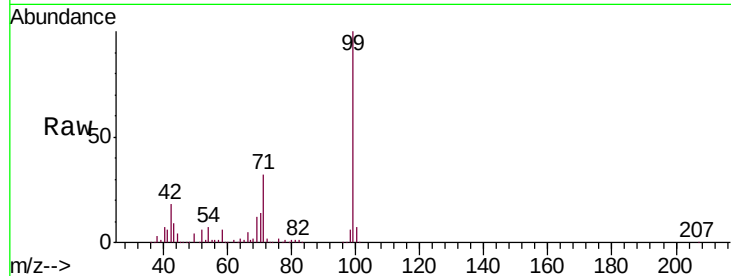
Tgt Ion: 99 Resp: 414097

Ion Ratio Lower Upper

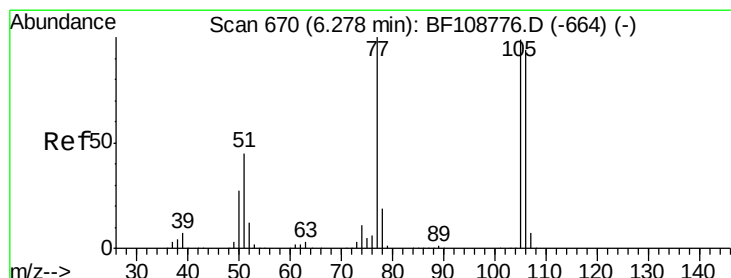
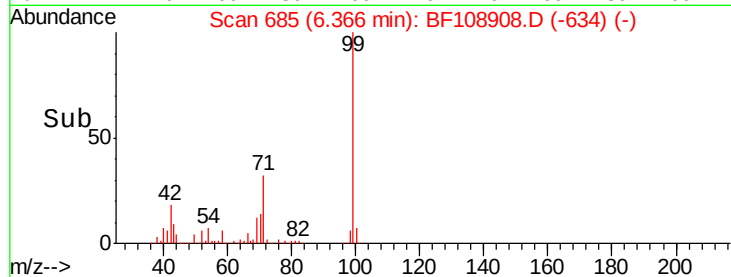
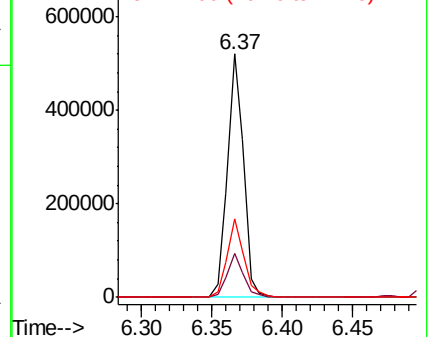
99 100

42 18.1 14.5 21.7

71 32.1 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: 2.429 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.23 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

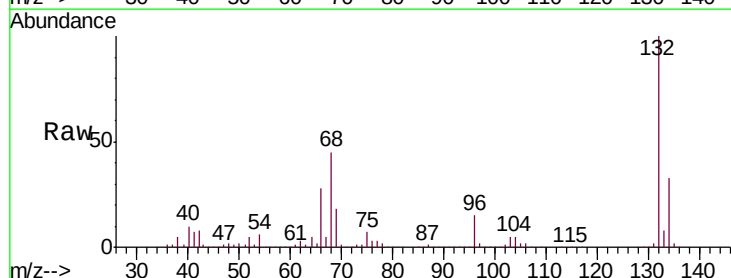
Tgt Ion: 77 Resp: 23856

Ion Ratio Lower Upper

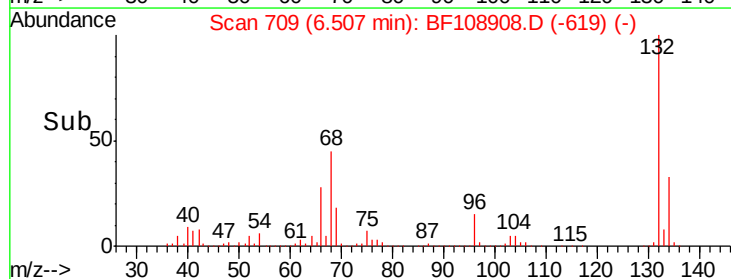
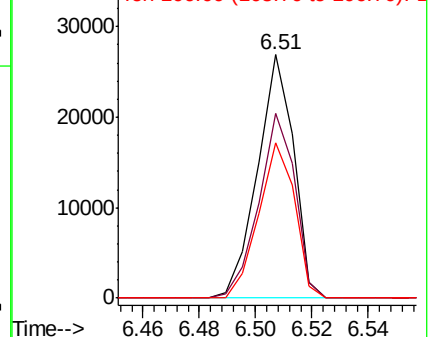
77 100

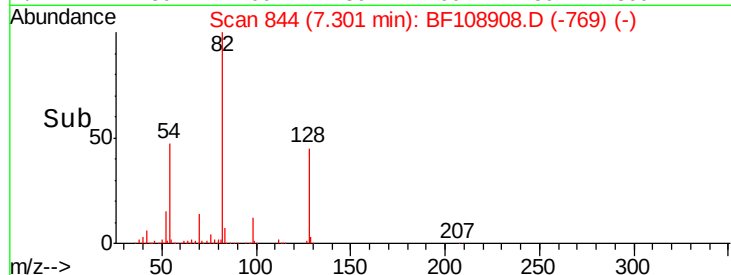
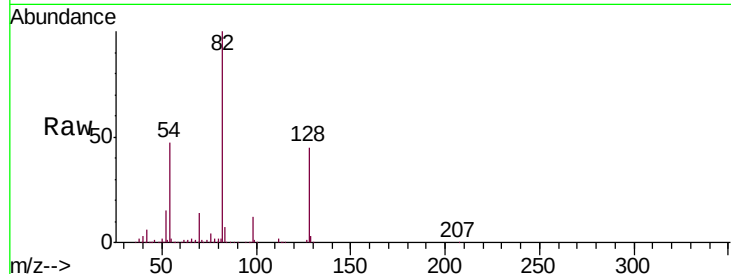
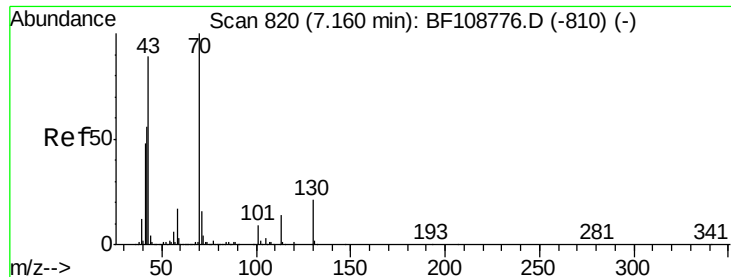
105 75.6 81.1 121.1#

106 64.0 74.5 114.5#



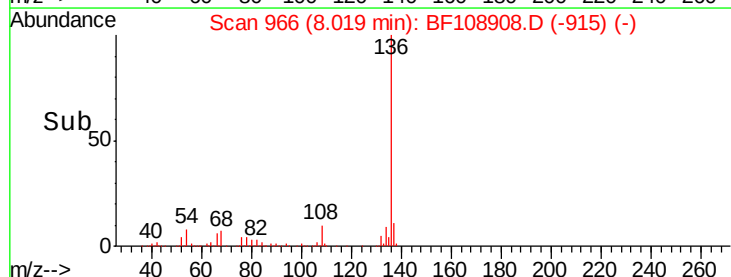
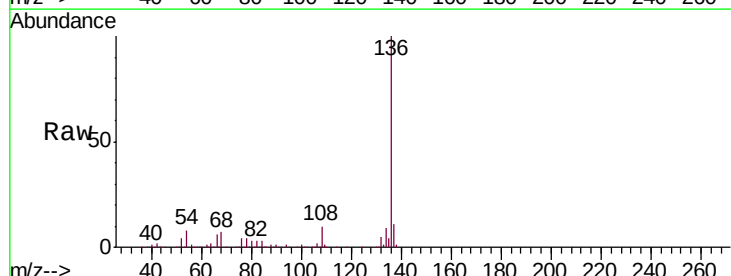
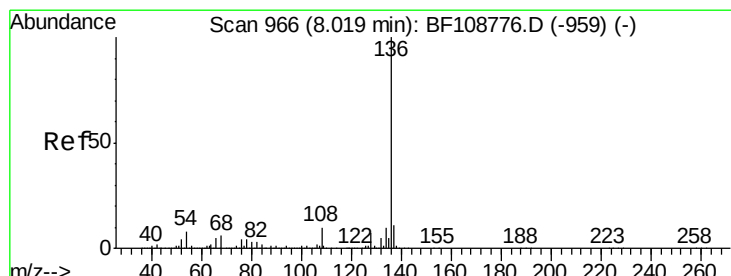
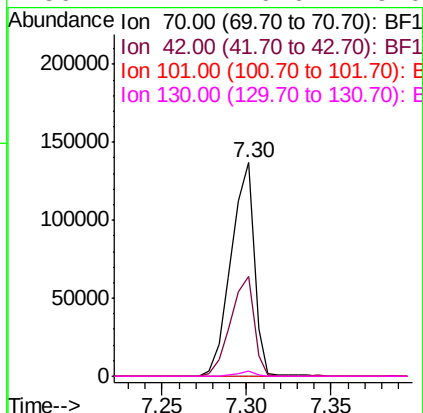
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





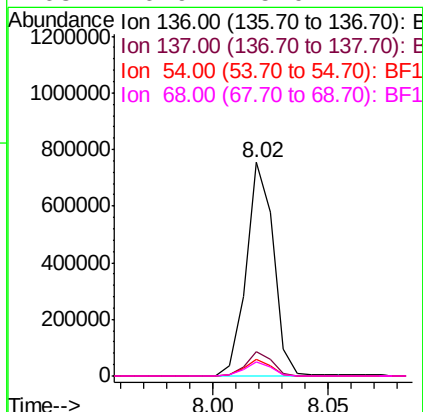
#19
n-Nitroso-di-n-propylamine
Concen: 13.595 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.14 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

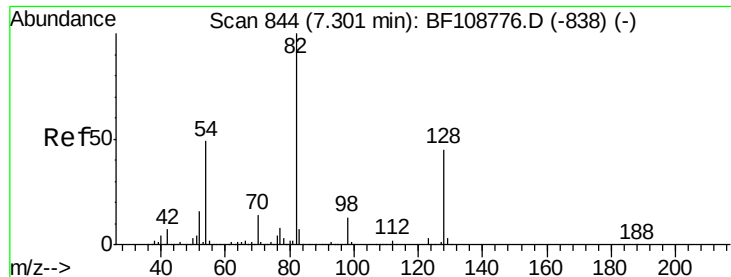
Tgt Ion:	70	Resp:	130807
Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

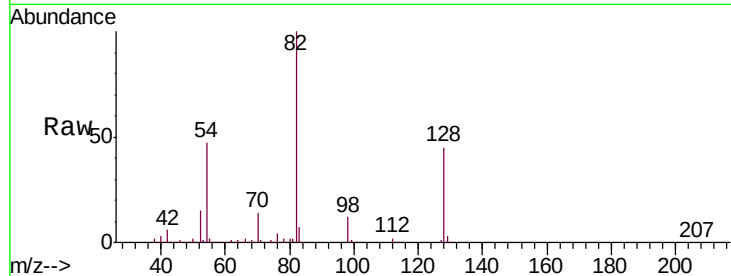
Tgt Ion:	136	Resp:	622152
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.6	9.8
68	6.9	5.0	7.4



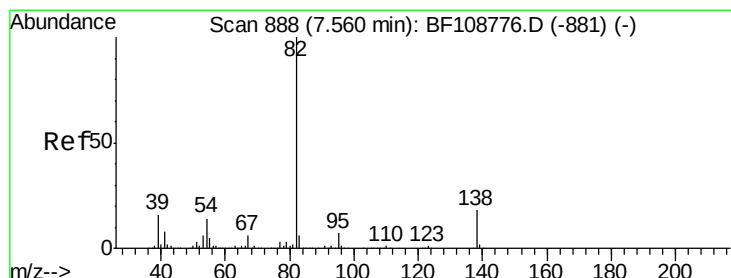
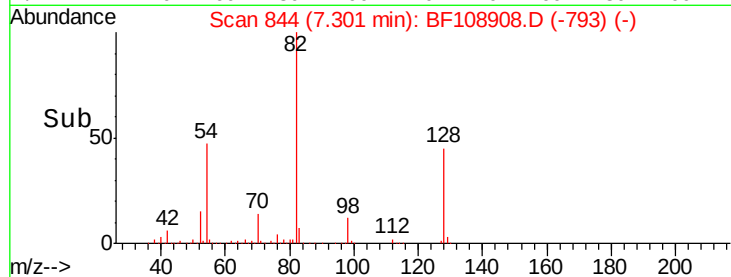
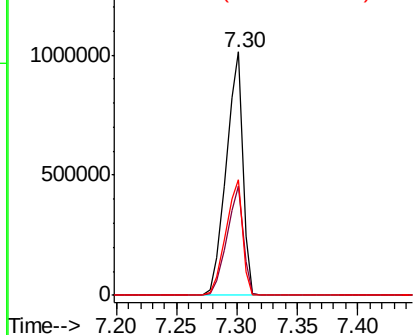


#23
Nitrobenzene-d5
Concen: 97.572 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	47.4	41.4	62.2

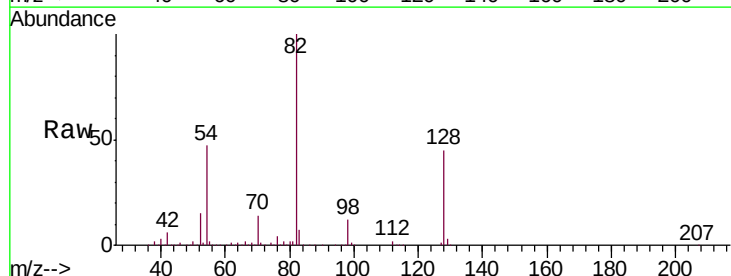


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

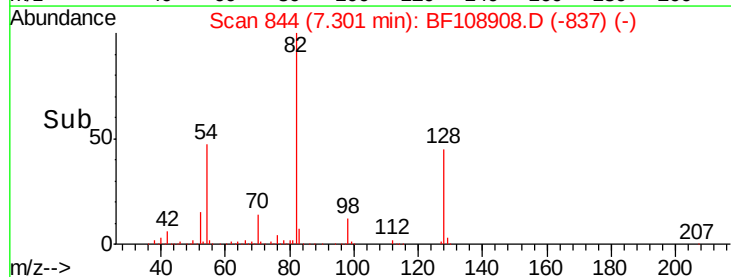
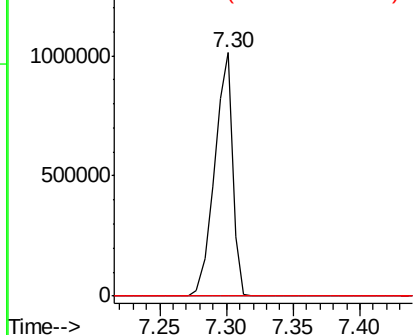


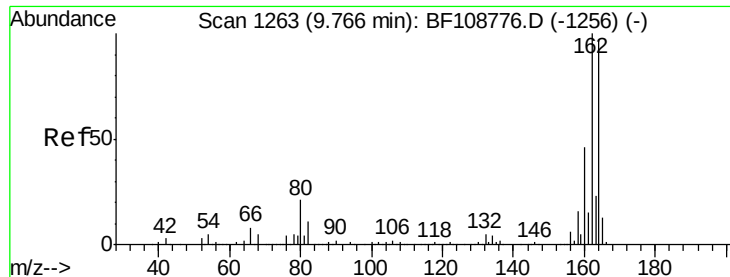
#25
Isophorone
Concen: 48.659 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.26 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Tgt 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

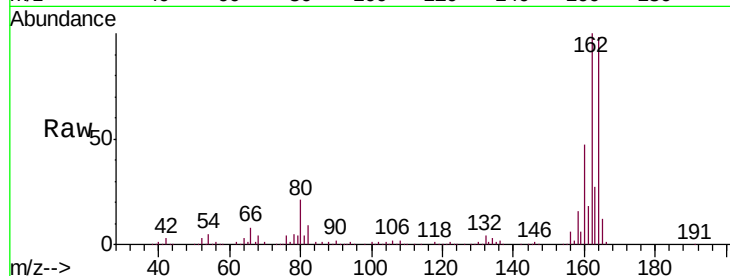
Tgt Ion:164 Resp: 254981

Ion Ratio Lower Upper

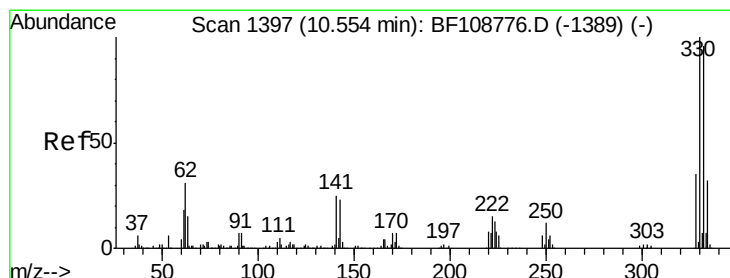
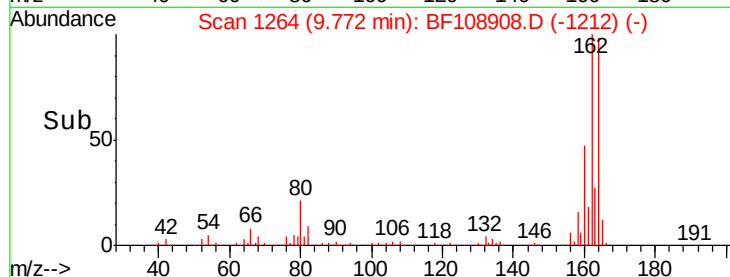
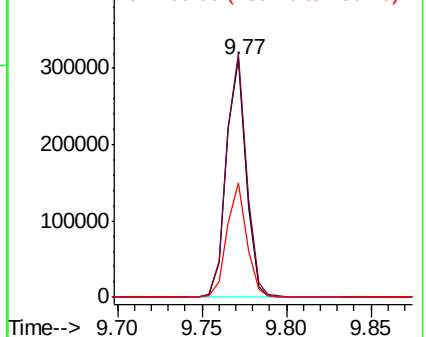
164 100

162 102.3 86.1 129.1

160 47.9 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: 120.399 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

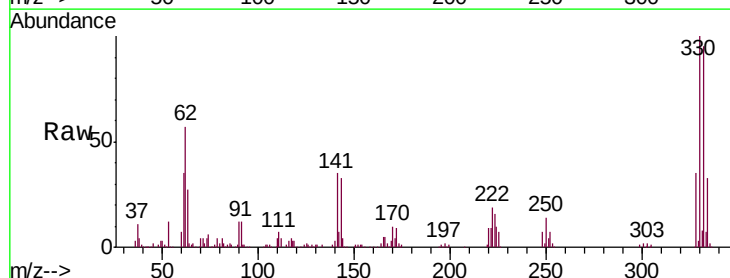
Tgt Ion:330 Resp: 293071

Ion Ratio Lower Upper

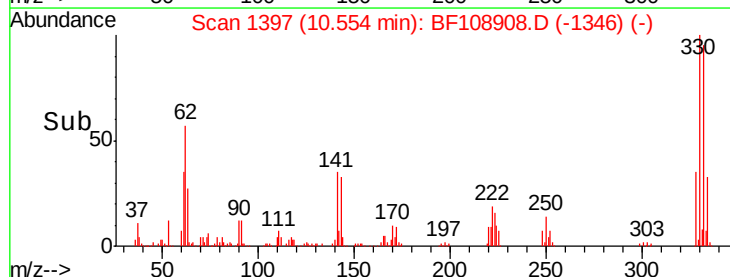
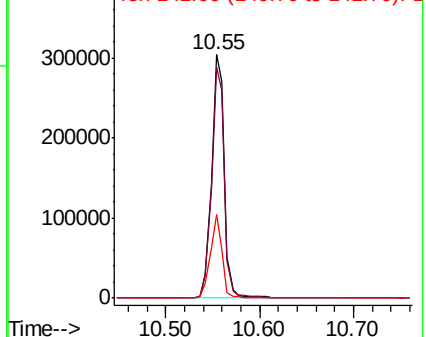
330 100

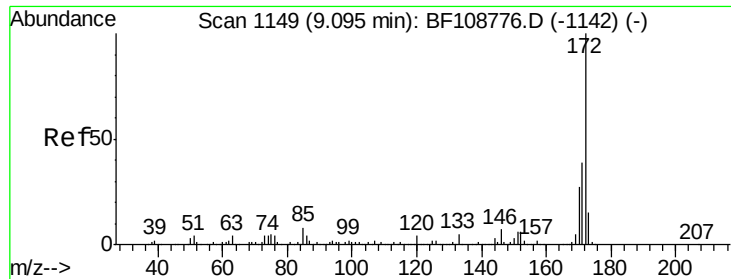
332 95.0 77.0 115.6

141 31.9 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

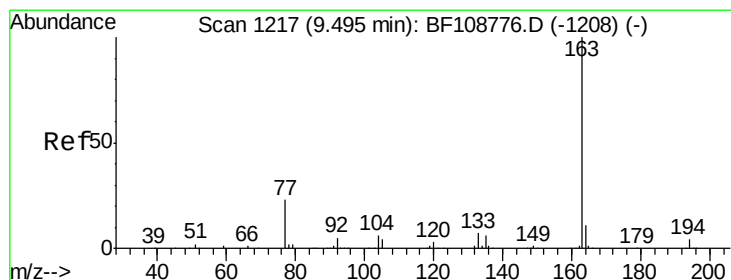
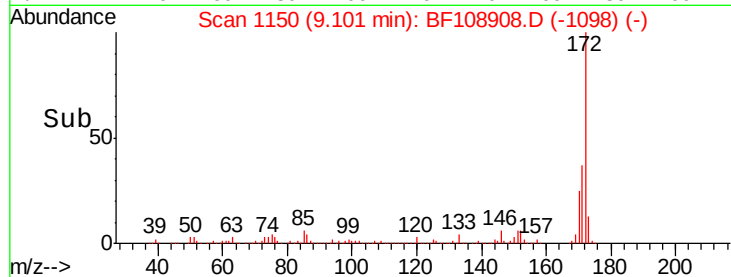
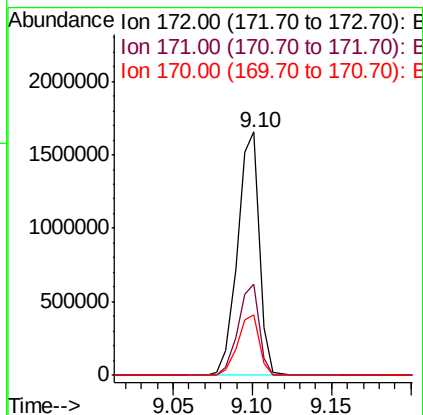
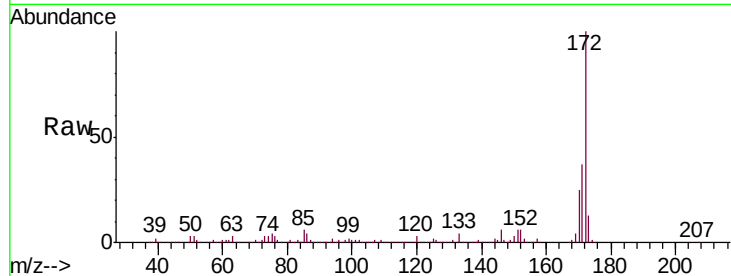




#44
 2-Fluorobiphenyl
 Concen: 105.366 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Tgt Ion:172 Resp: 1574832

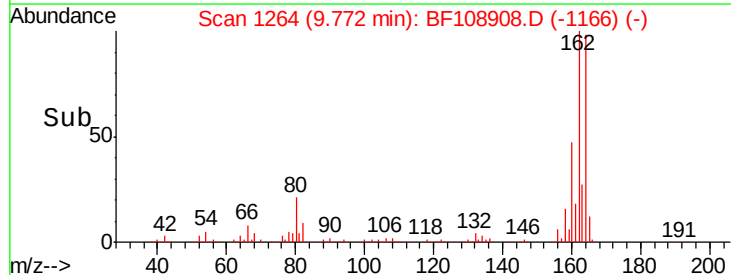
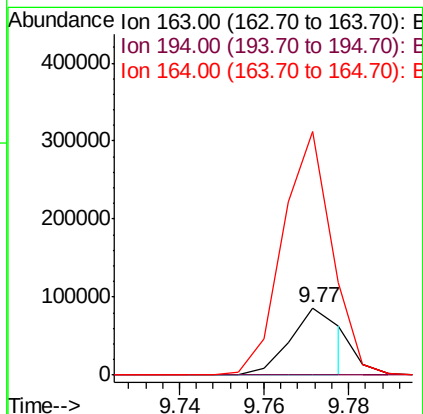
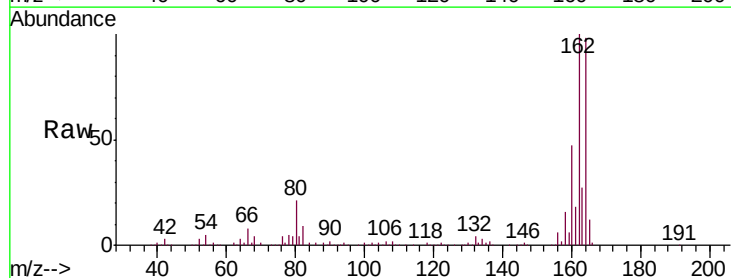
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.0	19.6	29.4

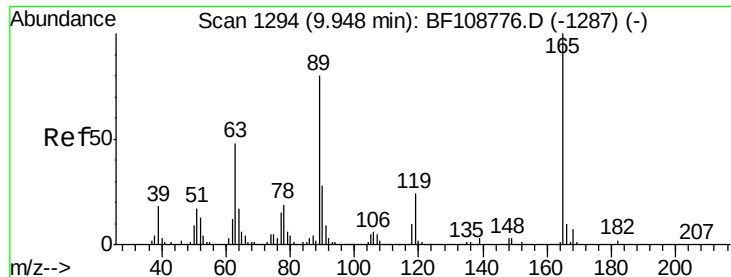


#49
 Dimethylphthalate
 Concen: 3.920 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.28 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Tgt Ion:163 Resp: 69917

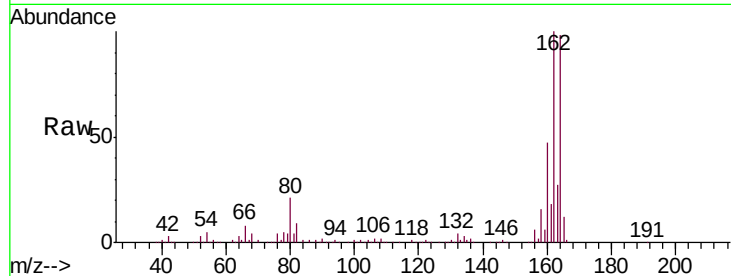
Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	361.9	8.2	12.2#



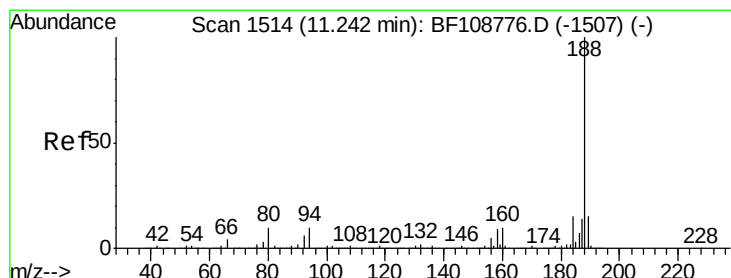
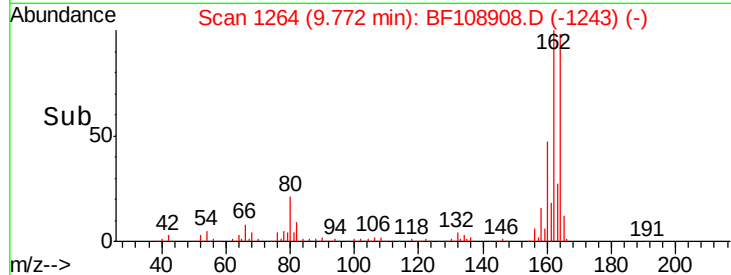
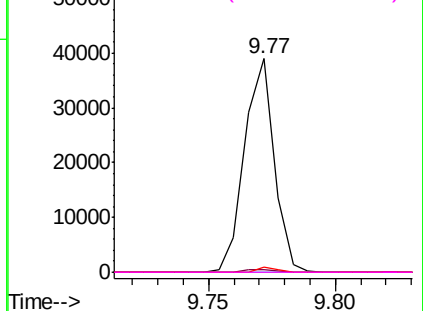


#56
 2,4-Dinitrotoluene
 Concen: 7.343 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.18 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Tgt Ion:	165	Resp:	31913
Ion Ratio	Lower	Upper	
165	100		
63	1.4	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

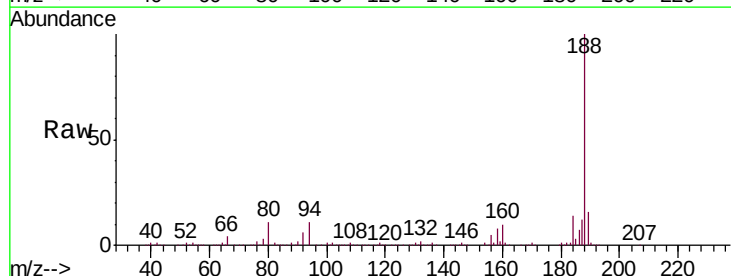


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

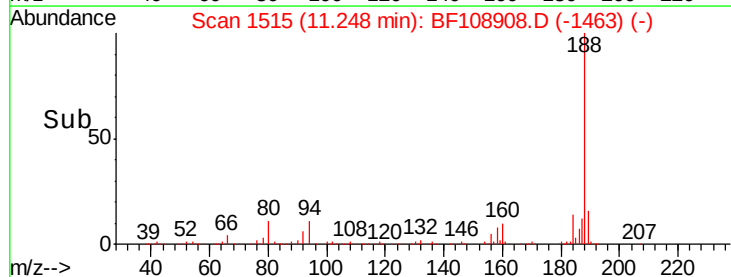
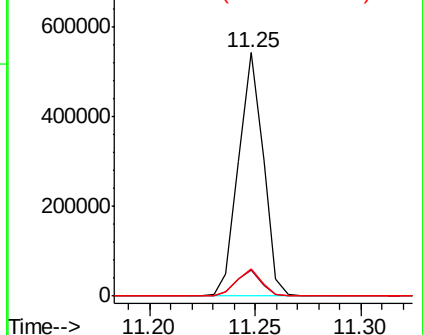


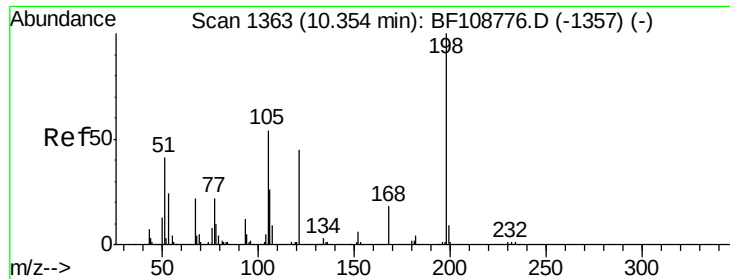
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Tgt Ion:	188	Resp:	439050
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	11.1	9.2	13.8



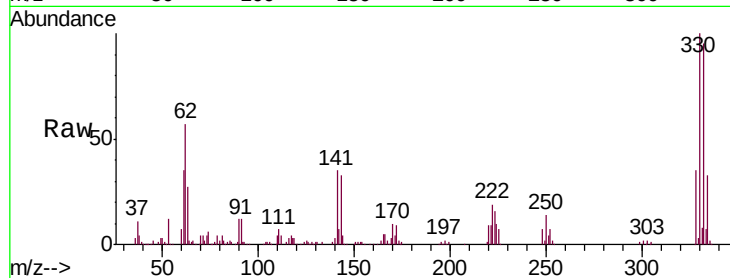
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1



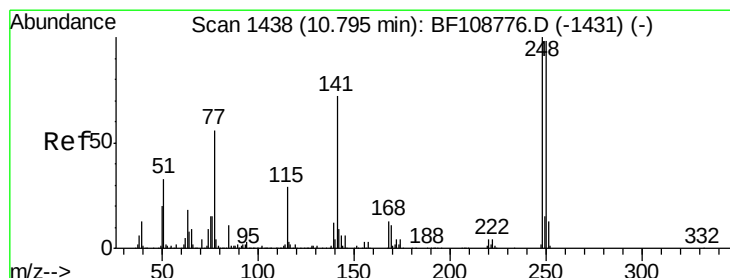
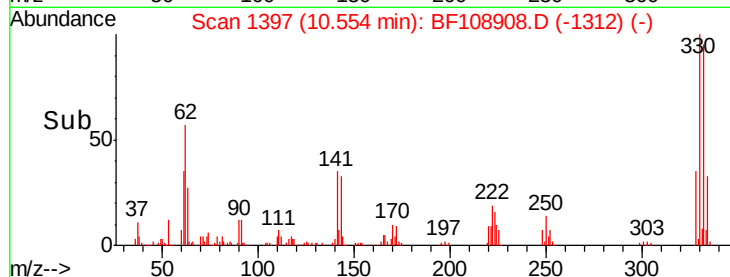
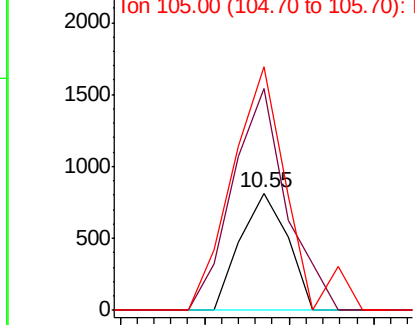


#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.183 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Tgt Ion:198 Resp: 633
 Ion Ratio Lower Upper
 198 100
 51 190.2 37.7 77.7#
 105 208.1 36.3 76.3#

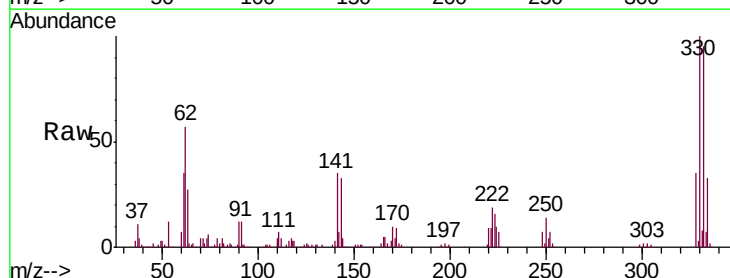


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

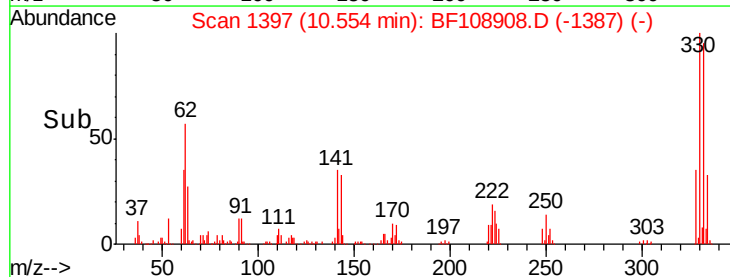
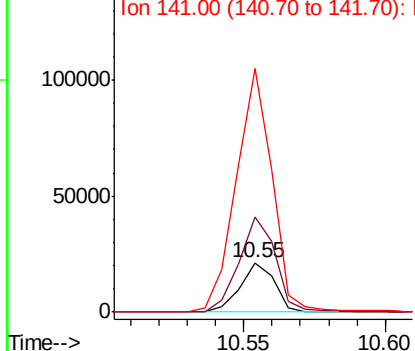


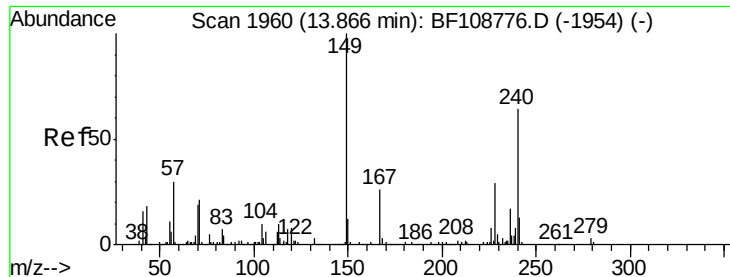
#66
 4-Bromophenyl-phenylether
 Concen: 3.634 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.24 min
 Lab File: BF108908.D
 Acq: 10 Sep 2018 22:05

Tgt Ion:248 Resp: 18023
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.9 115.3#
 141 491.8 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: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

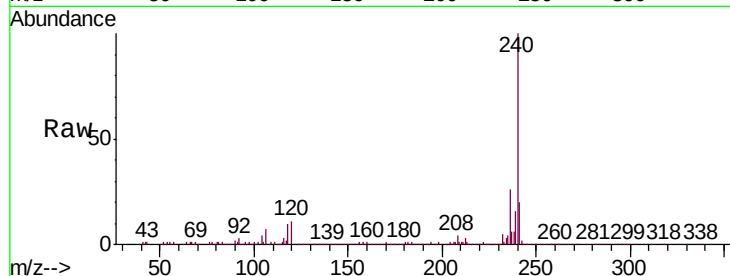
Tgt Ion:240 Resp: 421807

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

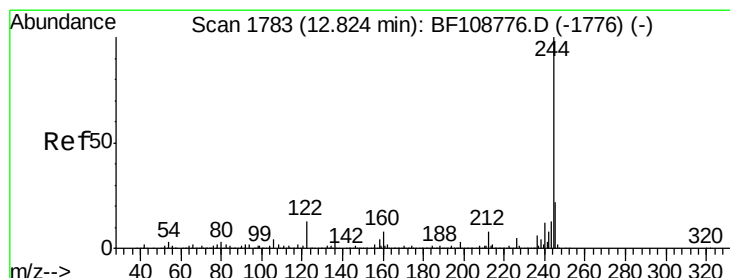
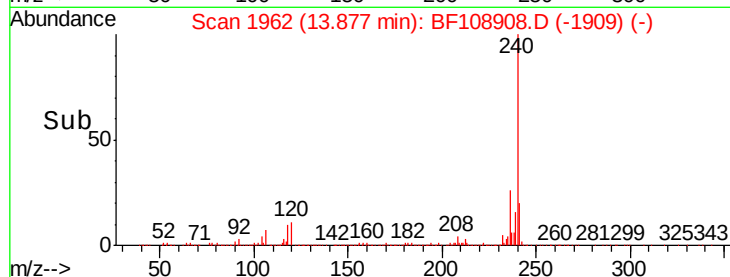
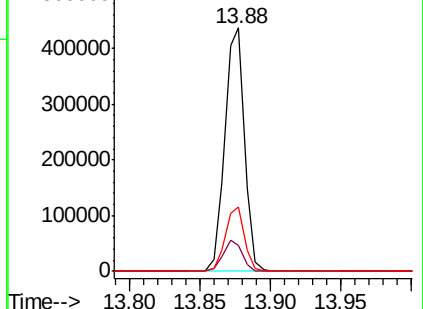
236 26.5 20.7 31.1



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: 78.678 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108908.D

Acq: 10 Sep 2018 22:05

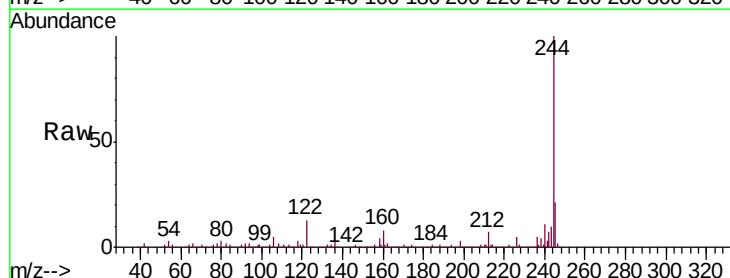
Tgt Ion:244 Resp: 1423170

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

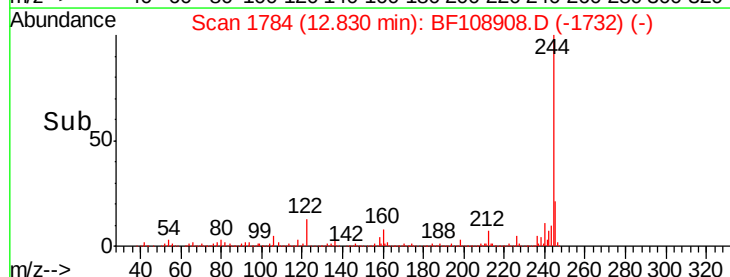
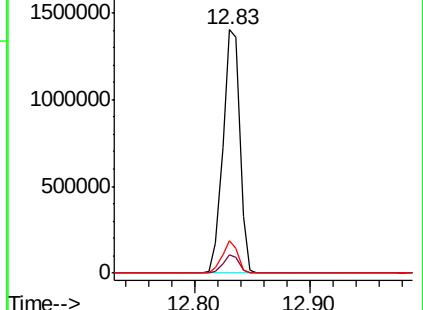
122 13.3 11.0 16.4

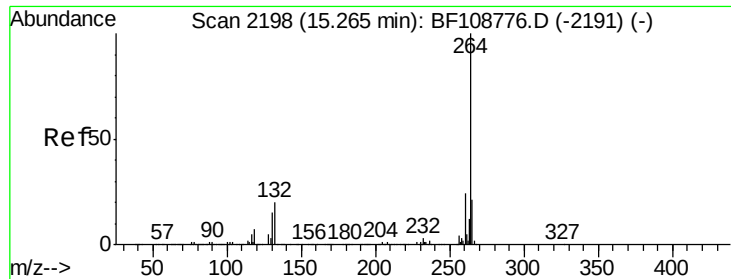


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

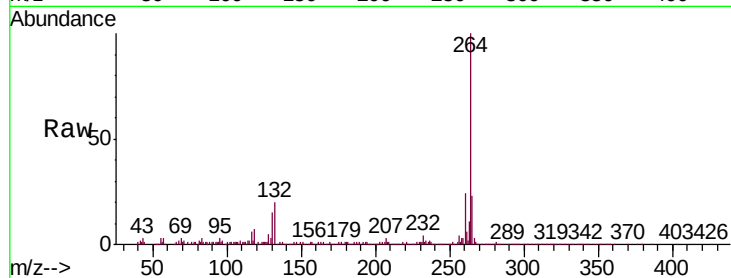
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108908.D
Acq: 10 Sep 2018 22:05

Tgt Ion:	264	Resp:	280037
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	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

