

Data File : BF108959.D
Acq On : 12 Sep 2018 19:26
Operator : JU/SJ
Sample : J4856-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

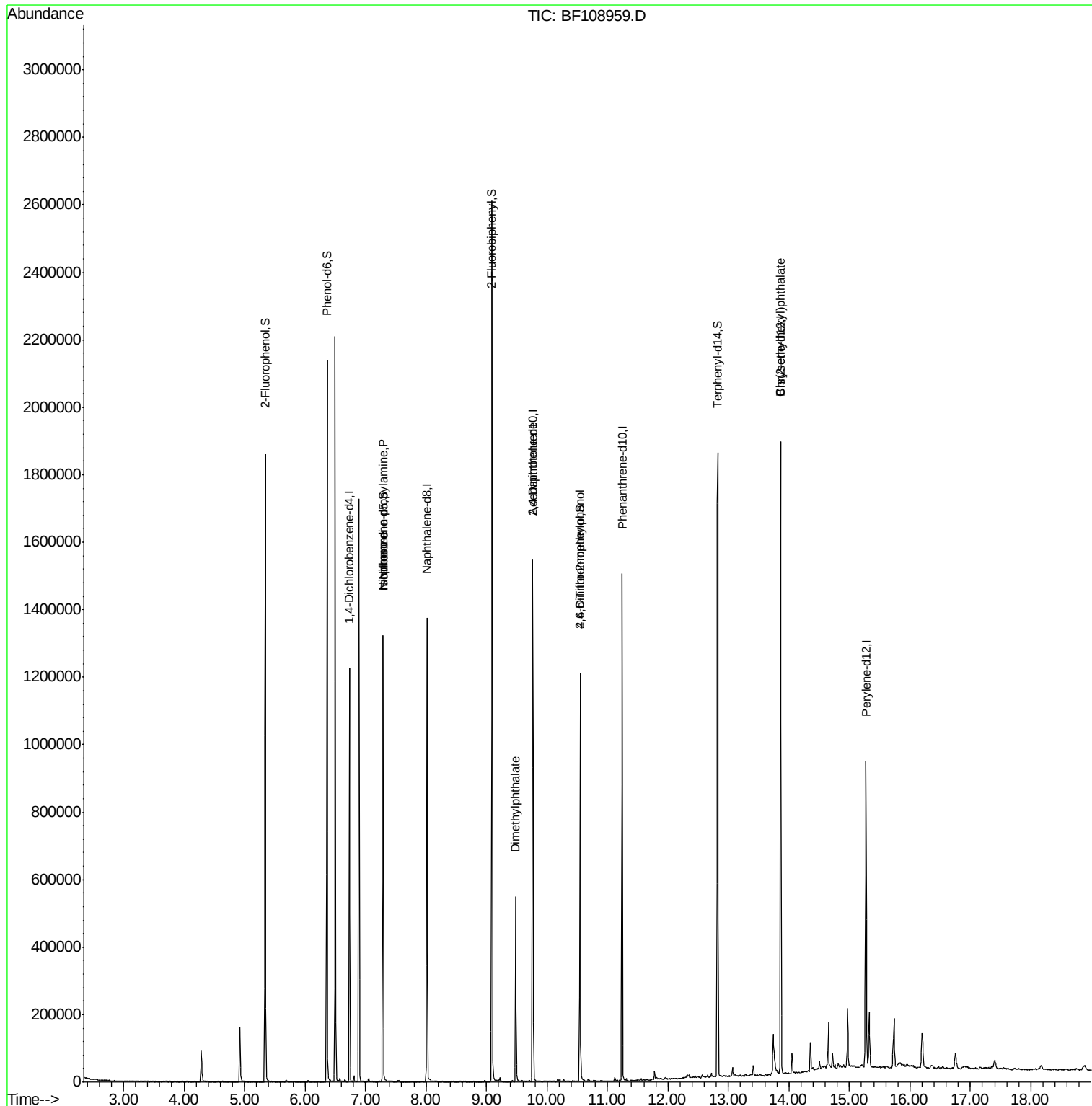
Quant Time: Sep 13 02:14:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

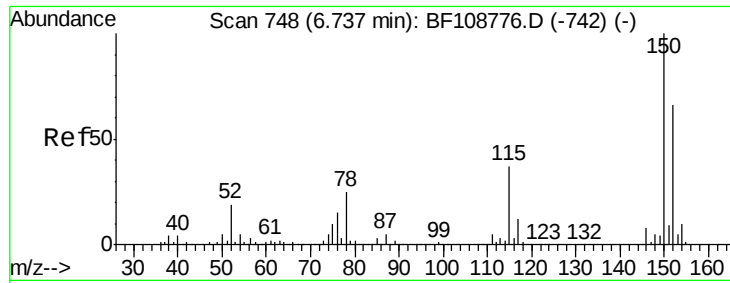
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	160197	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	627410	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	290130	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	500131	20.00	ng	0.00
75) Chrysene-d12	13.87	240	339392	20.00	ng	0.00
86) Perylene-d12	15.27	264	427296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	516308	53.39	ng	0.00
7) Phenol-d6	6.37	99	675032	54.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	427295	42.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	144864	52.30	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	809938	47.62	ng	0.00
78) Terphenyl-d14	12.82	244	618238	42.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	56042	6.480	ng	# 77
25) Isophorone	7.29	82	421996	21.102	ng	# 64
49) Dimethylphthalate	9.48	163	207557	10.228	ng	99
56) 2,4-Dinitrotoluene	9.77	165	36855	7.453	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	132	6.926	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	206685	13.985	ng	99

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

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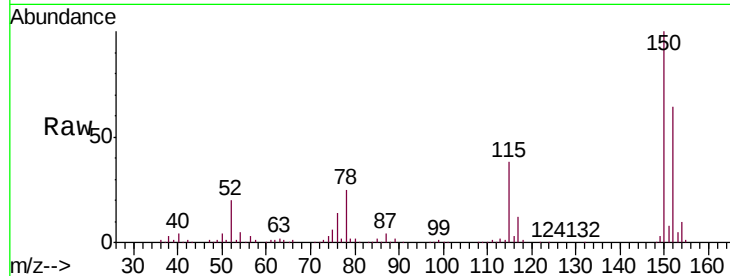
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QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108959.D
 Acq: 12 Sep 2018 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.1	50.1	75.1

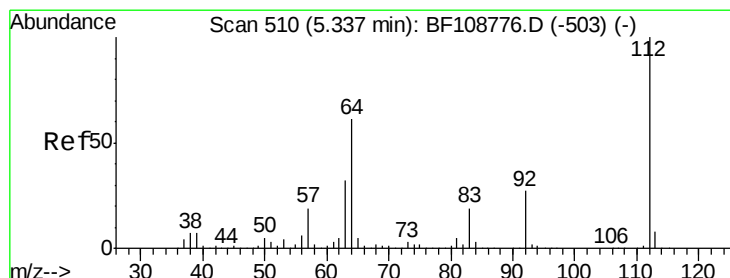
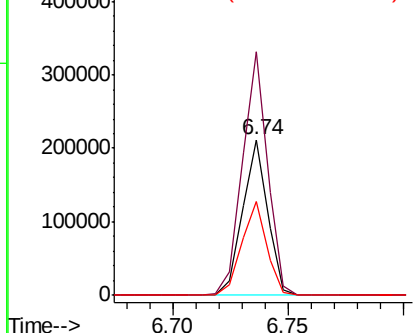
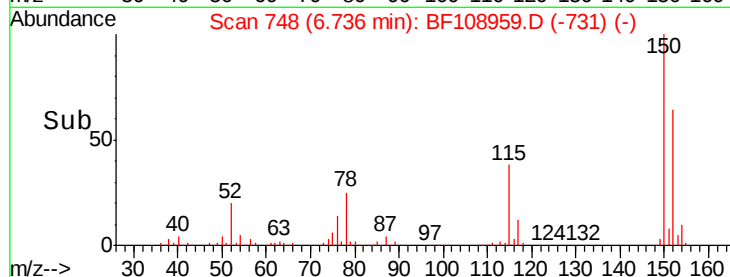


Abundance

Ion 152.00 (151.70 to 152.70): E

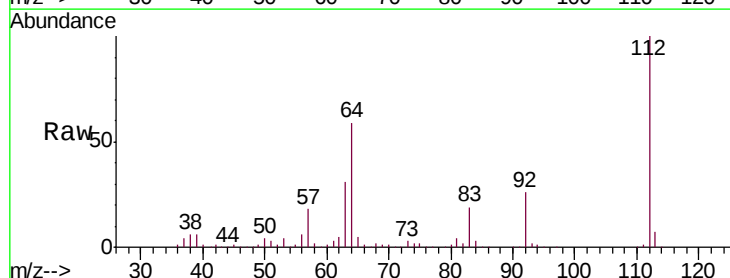
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 53.394 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108959.D
 Acq: 12 Sep 2018 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	30.8	23.7	35.5

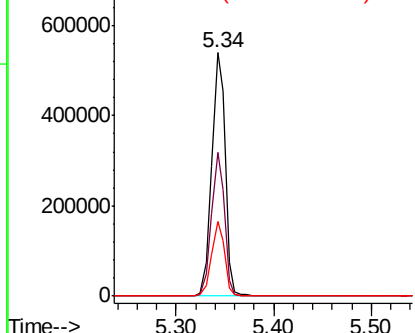
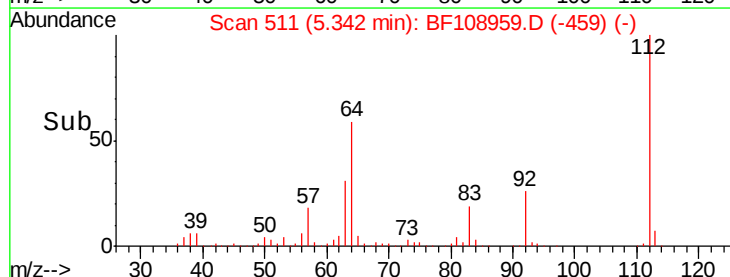


Abundance

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: 54.255 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108959.D

Acq: 12 Sep 2018 19:26

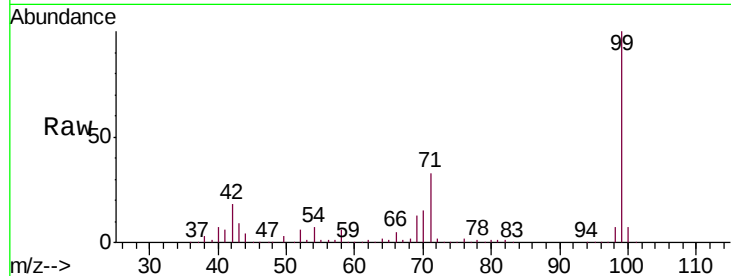
Tgt Ion: 99 Resp: 675032

Ion Ratio Lower Upper

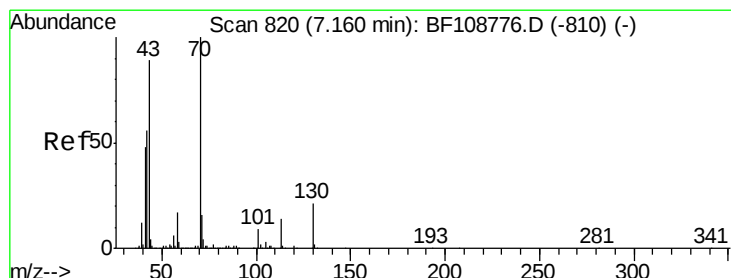
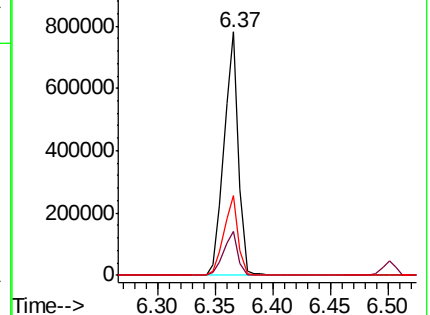
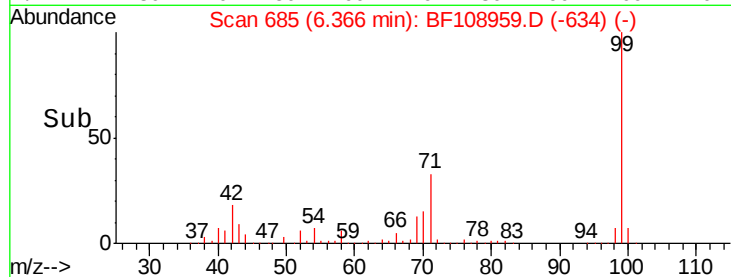
99 100

42 18.0 14.5 21.7

71 32.9 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: 6.480 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108959.D

Acq: 12 Sep 2018 19:26

Tgt Ion: 70 Resp: 56042

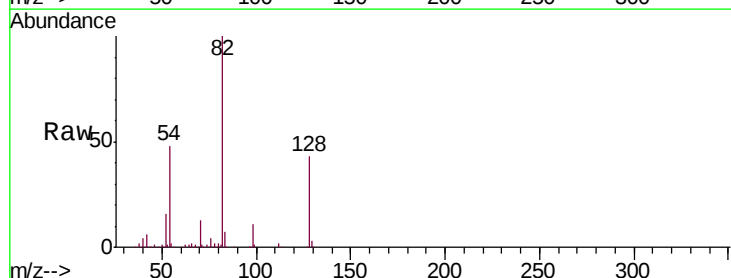
Ion Ratio Lower Upper

70 100

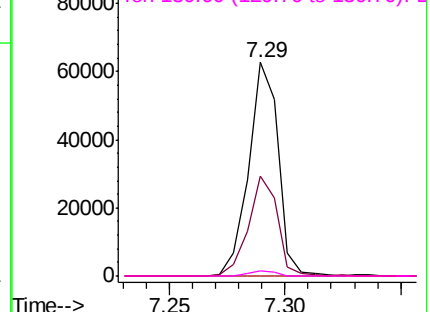
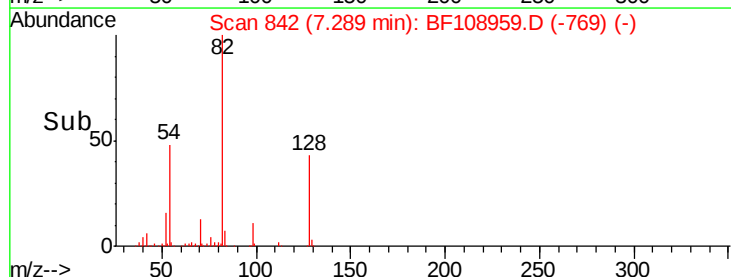
42 47.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



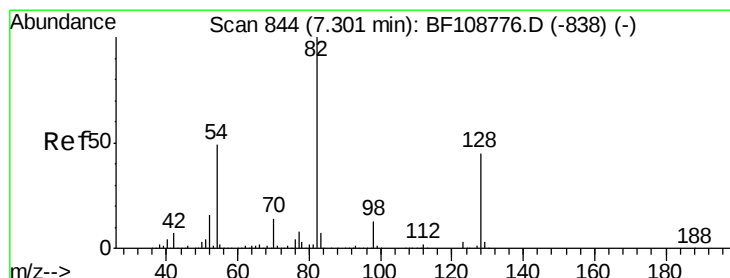
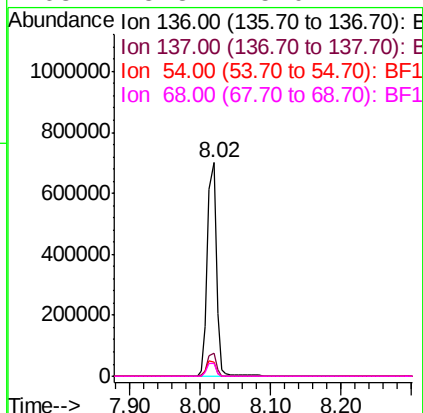
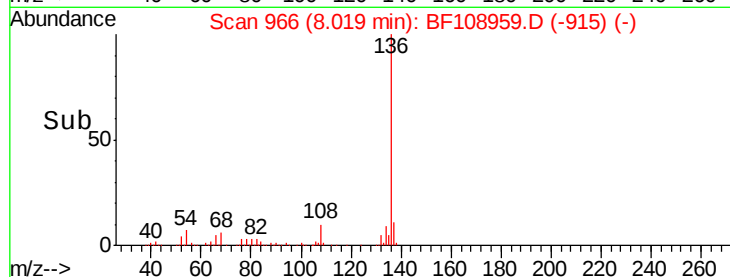
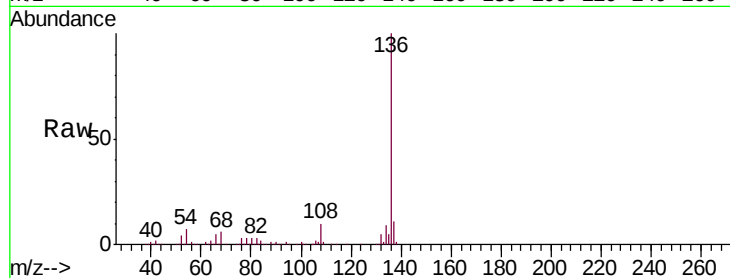
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





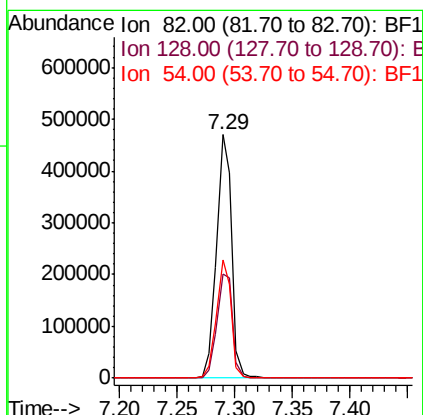
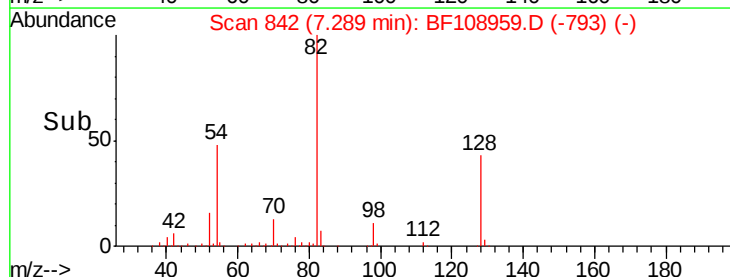
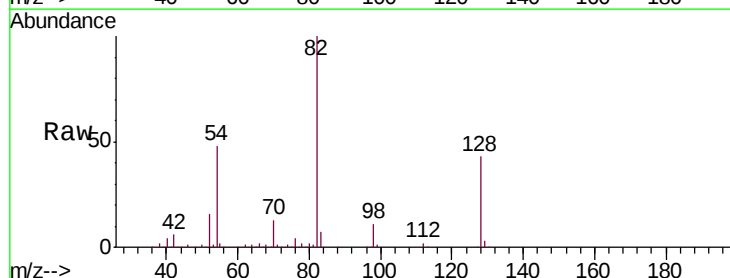
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108959.D
Acq: 12 Sep 2018 19:26

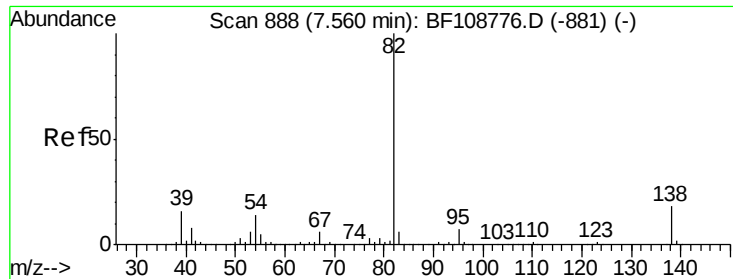
Tgt Ion:	136	Resp:	627410
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 42.620 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108959.D
Acq: 12 Sep 2018 19:26

Tgt Ion:	82	Resp:	427295
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	48.3	41.4	62.2





#25

Isophorone

Concen: 21.102 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108959.D

Acq: 12 Sep 2018 19:26

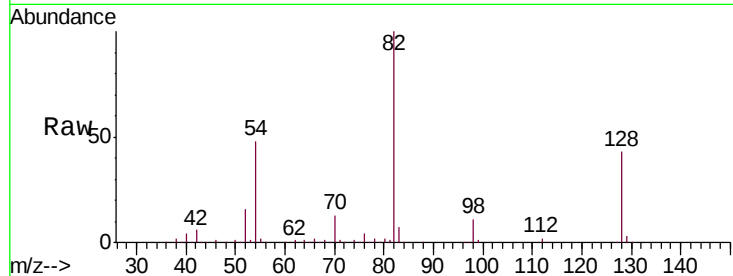
Tgt Ion: 82 Resp: 421996

Ion Ratio Lower Upper

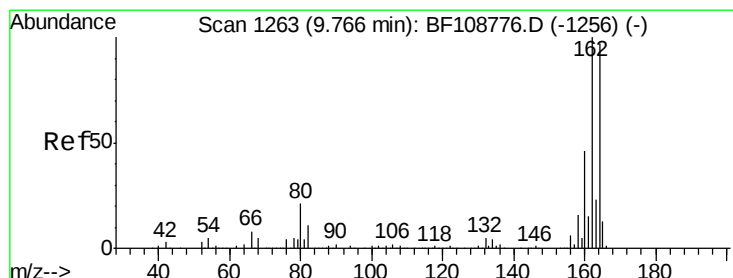
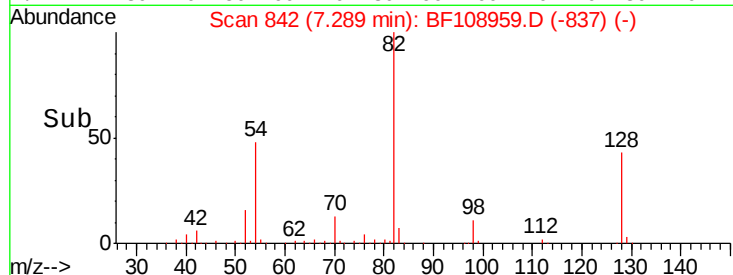
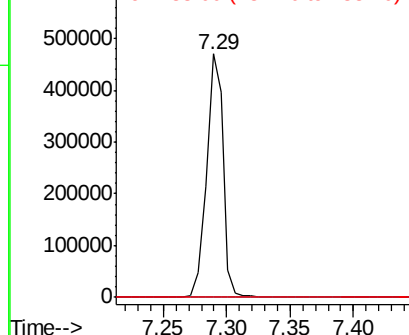
82 100

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# 1263

Delta R.T. -0.00 min

Lab File: BF108959.D

Acq: 12 Sep 2018 19:26

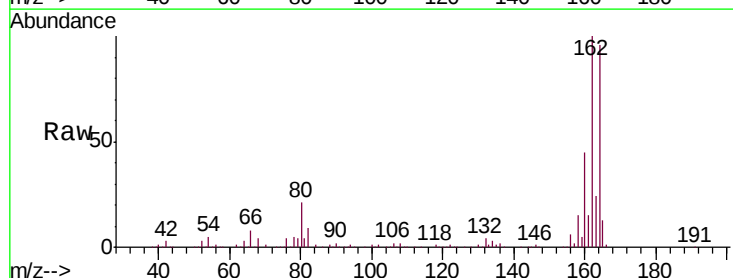
Tgt Ion: 164 Resp: 290130

Ion Ratio Lower Upper

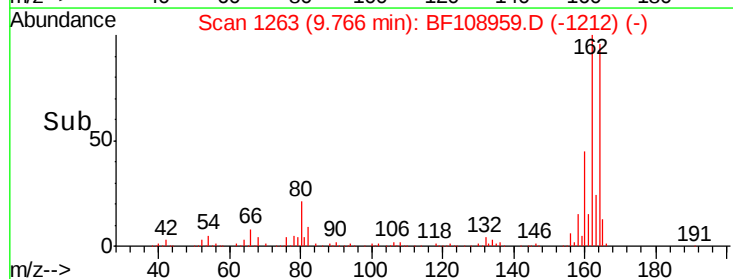
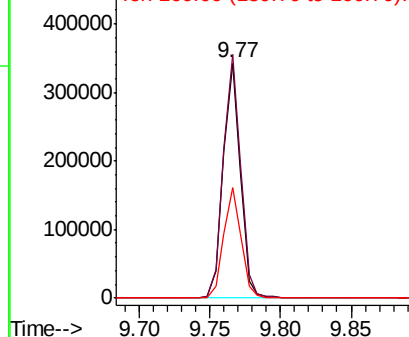
164 100

162 103.7 86.1 129.1

160 46.9 38.3 57.5



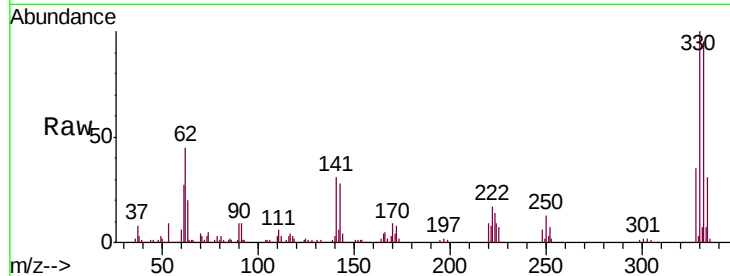
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



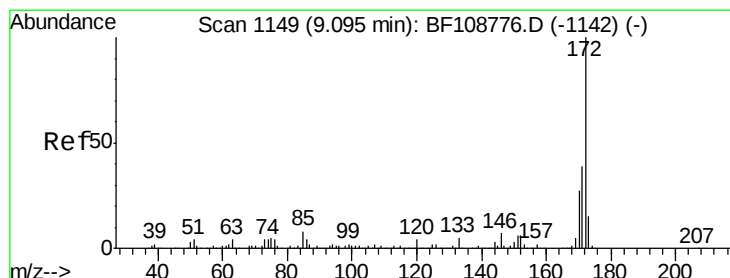
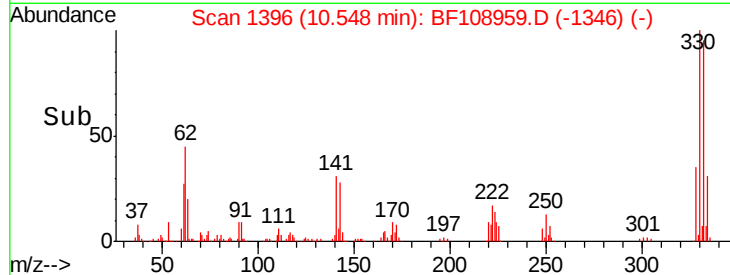
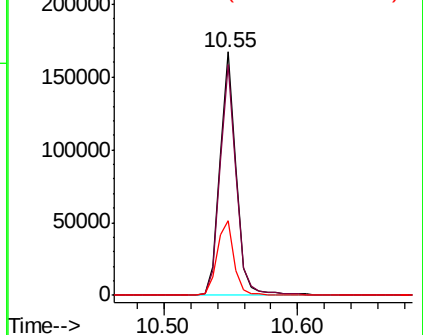


#41
 2,4,6-Tribromophenol
 Concen: 52.303 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108959.D
 Acq: 12 Sep 2018 19:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.2	29.9	44.9

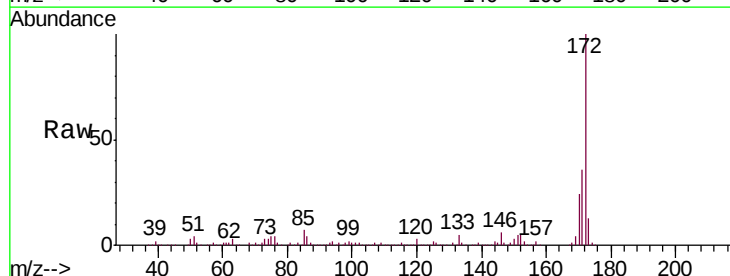


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

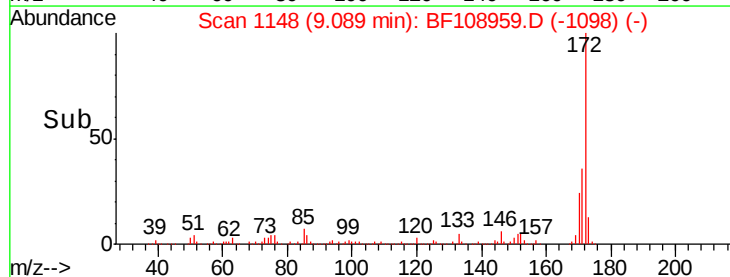
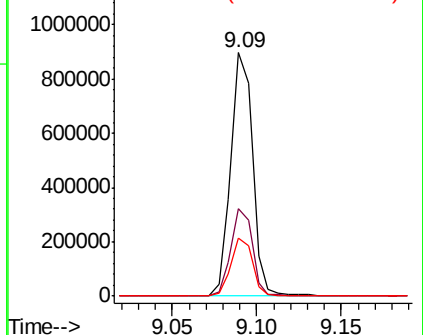


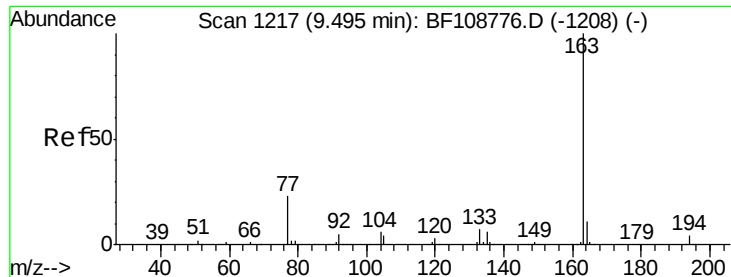
#44
 2-Fluorobiphenyl
 Concen: 47.625 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108959.D
 Acq: 12 Sep 2018 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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





#49

Dimethylphthalate

Concen: 10.228 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108959.D

Acq: 12 Sep 2018 19:26

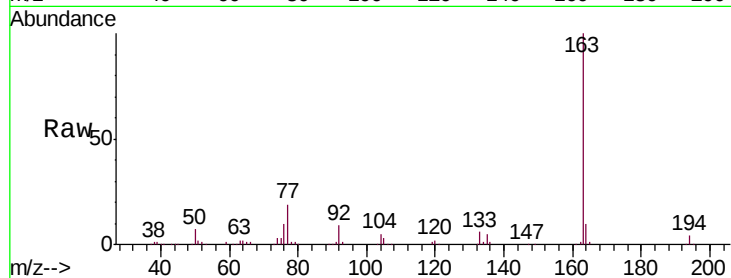
Tgt Ion:163 Resp: 207557

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

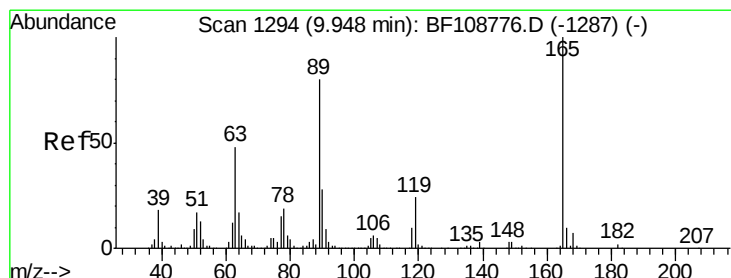
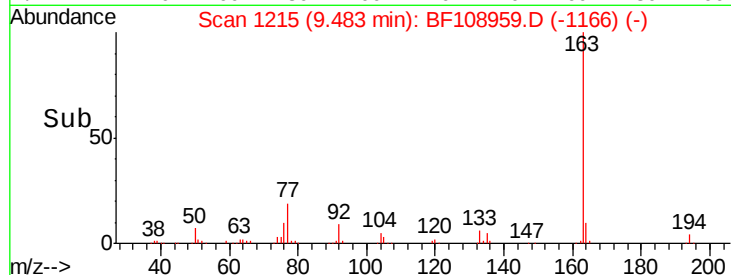
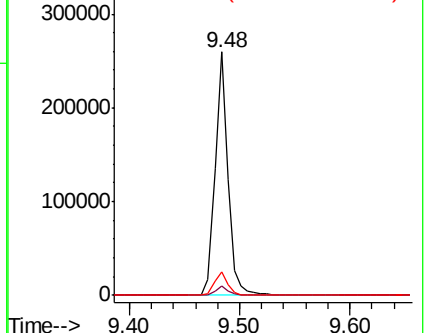
164 9.7 8.2 12.2



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: 7.453 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108959.D

Acq: 12 Sep 2018 19:26

Tgt Ion:165 Resp: 36855

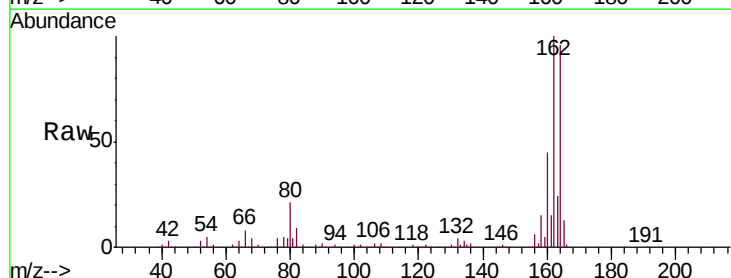
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

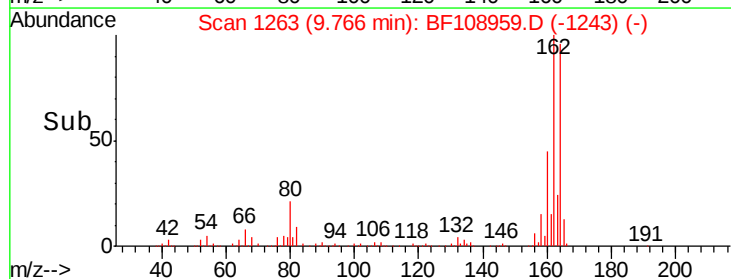
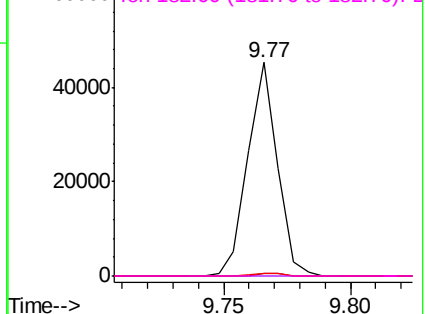


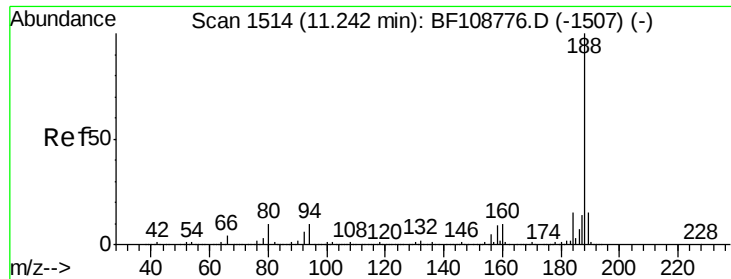
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

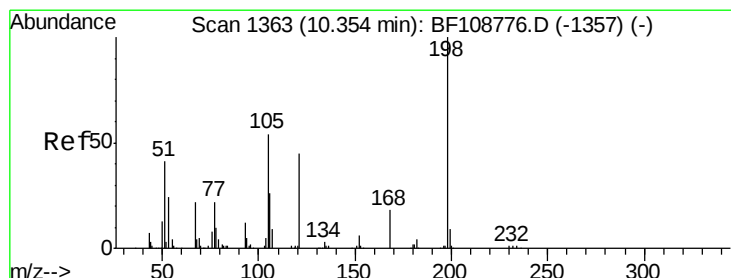
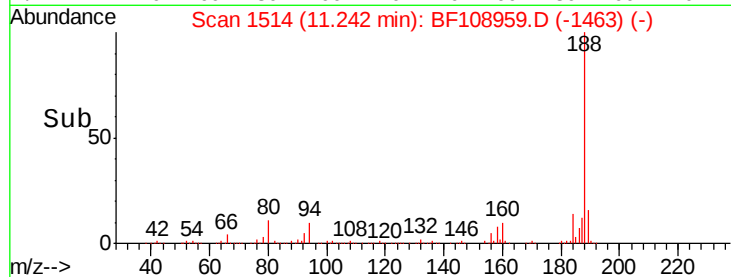
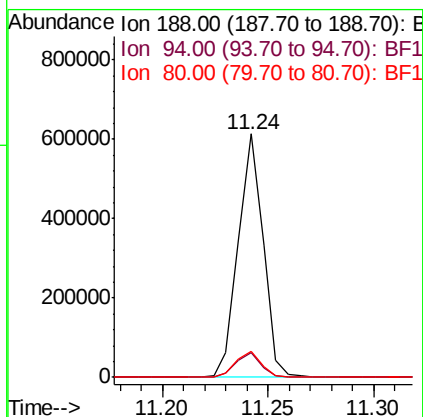
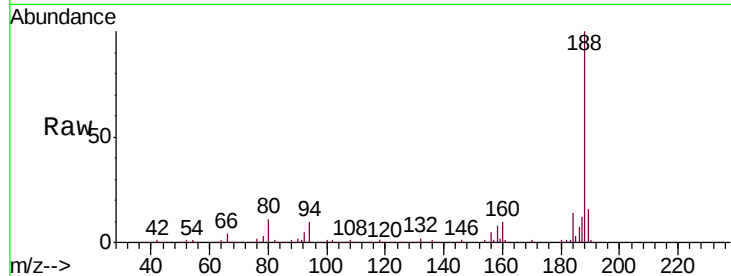
Ion 182.00 (181.70 to 182.70): E





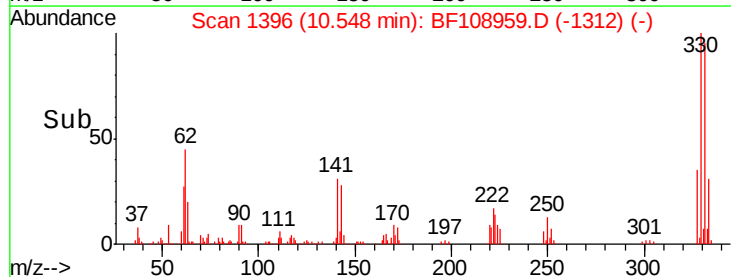
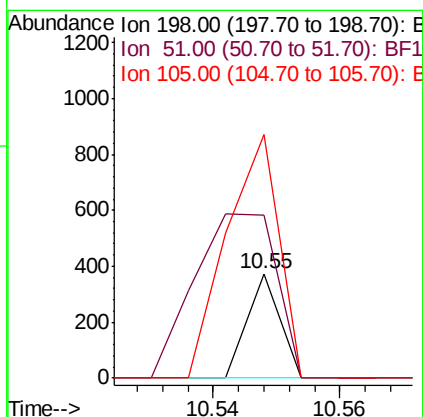
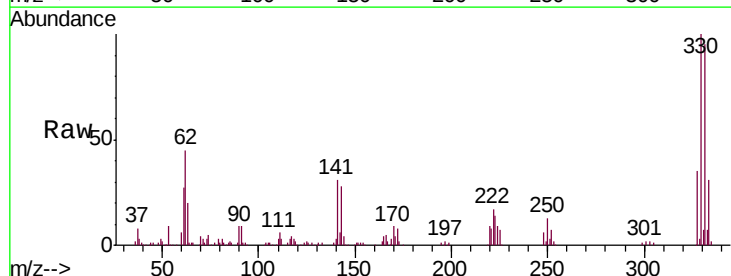
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108959.D
 Acq: 12 Sep 2018 19:26

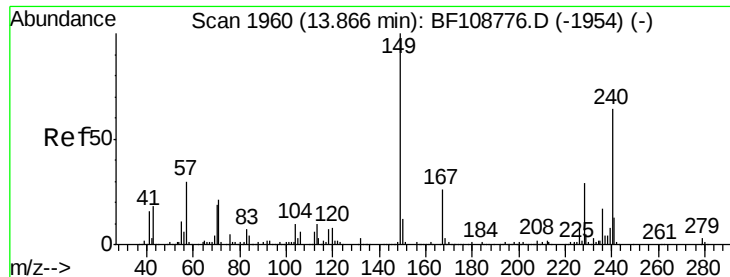
Tgt Ion:	188	Resp:	500131
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.7	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.926 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108959.D
 Acq: 12 Sep 2018 19:26

Tgt Ion:	198	Resp:	132
Ion	Ratio	Lower	Upper
198	100		
51	155.3	37.7	77.7#
105	232.9	36.3	76.3#





#75

Chrysene-d12

Concen: 20.000 ng

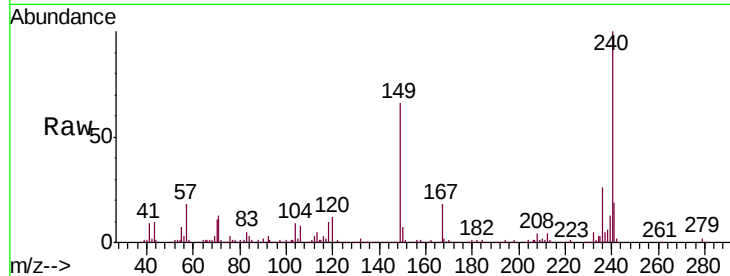
RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

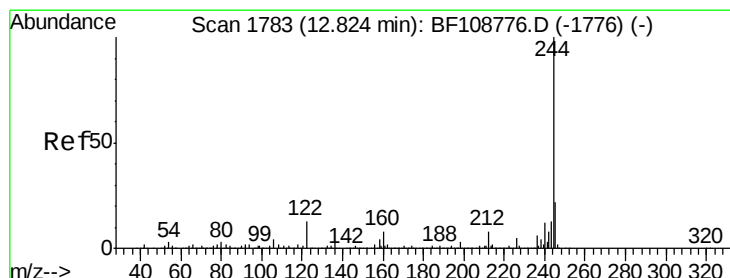
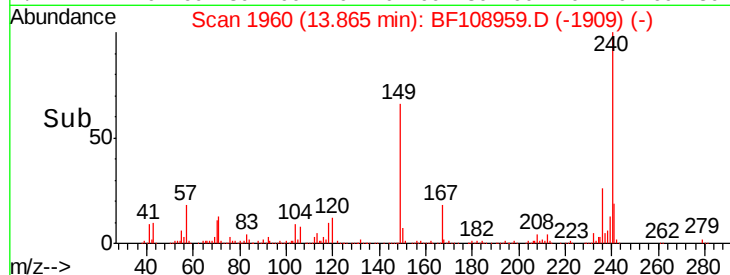
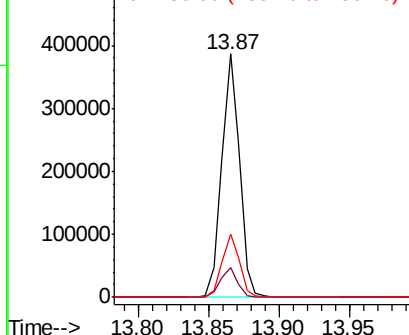
Lab File: BF108959.D

Acq: 12 Sep 2018 19:26

Tgt Ion:	240	Resp:	339392
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.9	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: 42.478 ng

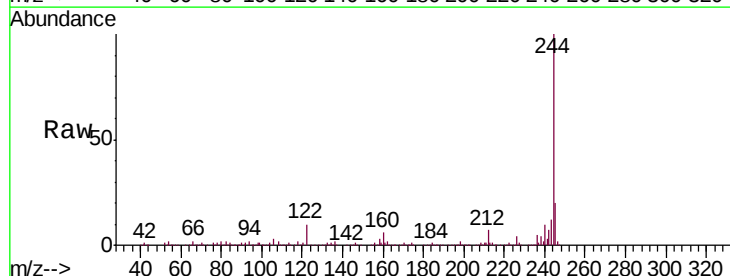
RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

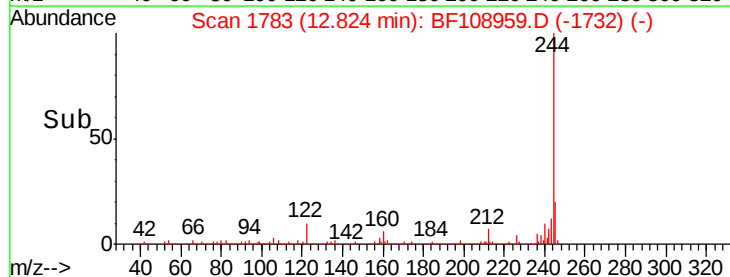
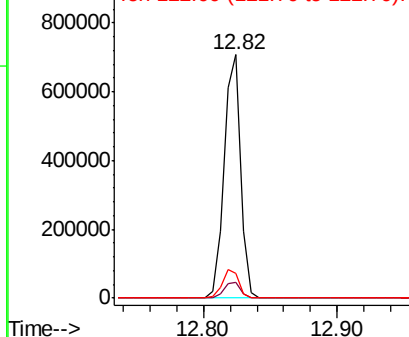
Lab File: BF108959.D

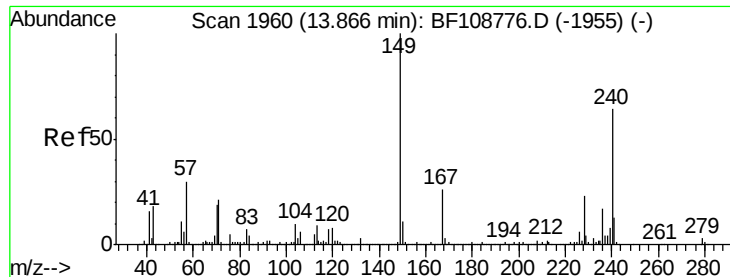
Acq: 12 Sep 2018 19:26

Tgt Ion:	244	Resp:	618238
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.4	11.0	16.4



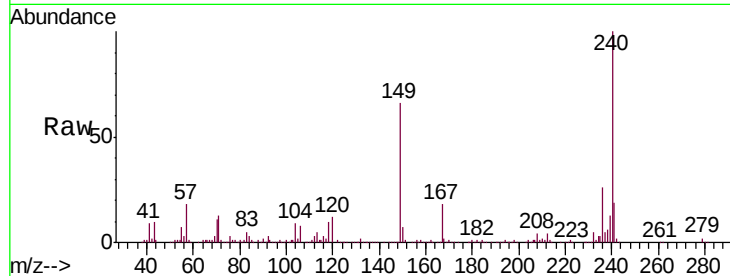
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



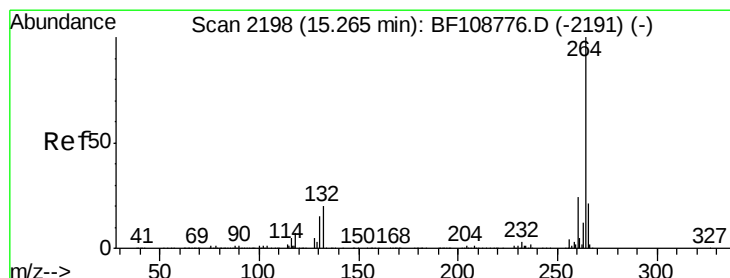
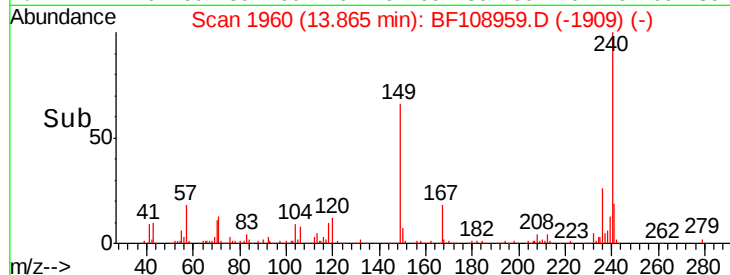
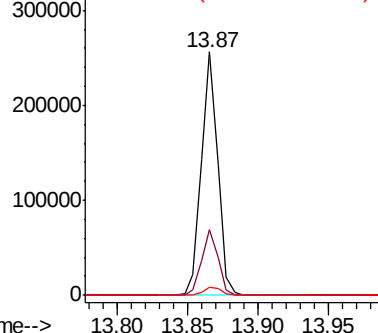


#83
Bis(2-ethylhexyl)phthalate
Concen: 13.985 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108959.D
Acq: 12 Sep 2018 19:26

Tgt Ion:	149	Resp:	206685
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	3.6	3.0	4.4

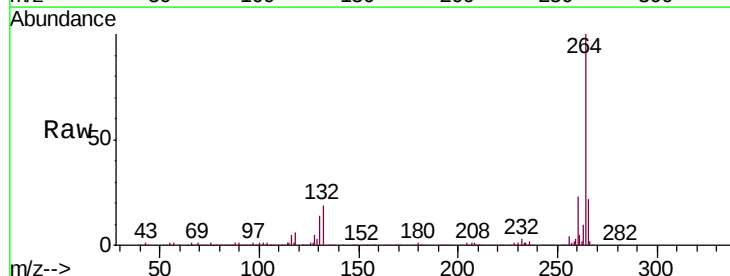


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108959.D
Acq: 12 Sep 2018 19:26

Tgt Ion:	264	Resp:	427296
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.8	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

