

Data File : BF108958.D
Acq On : 12 Sep 2018 18:59
Operator : JU/SJ
Sample : J4856-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

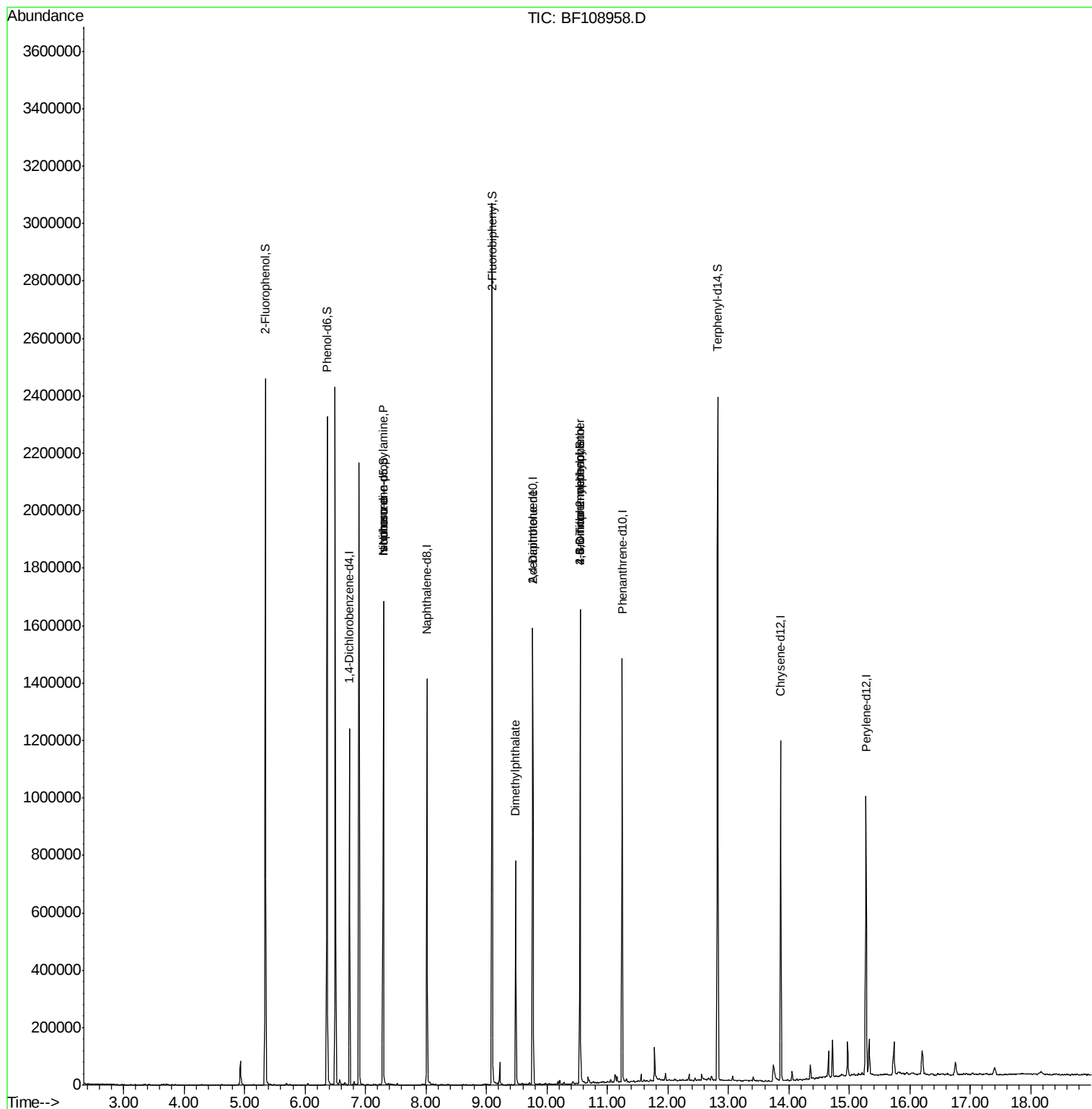
Quant Time: Sep 13 02:14:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

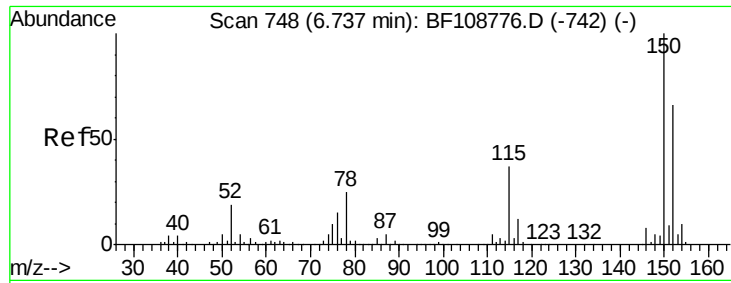
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	168138	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	624408	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	289578	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	485605	20.00	ng	0.00
75) Chrysene-d12	13.87	240	372218	20.00	ng	0.00
86) Perylene-d12	15.28	264	446008	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	676673	66.67	ng	0.01
7) Phenol-d6	6.37	99	874237	66.95	ng	0.00
23) Nitrobenzene-d5	7.30	82	545738	54.70	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	193679	70.06	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	995432	58.64	ng	0.00
78) Terphenyl-d14	12.82	244	763493	47.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	72912	8.033	ng	# 74
25) Isophorone	7.30	82	541346	27.200	ng	# 64
49) Dimethylphthalate	9.48	163	290308	14.333	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	36773	7.451	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	367	7.033	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	11999	2.188	ng	# 1

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

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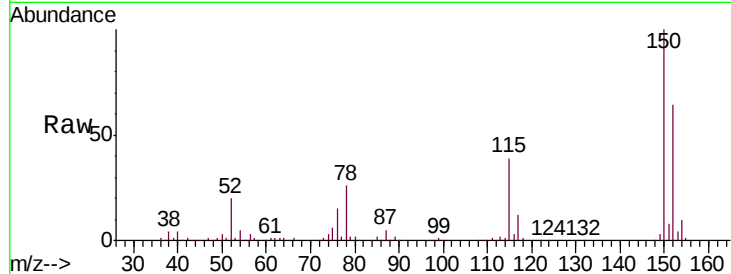




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.5	50.1	75.1

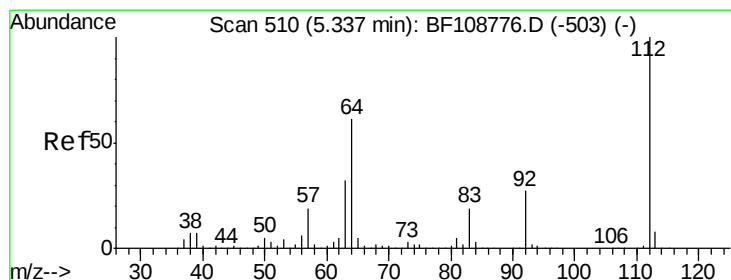
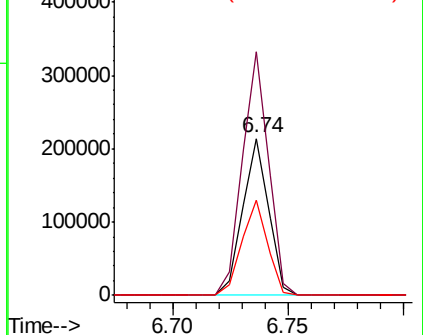
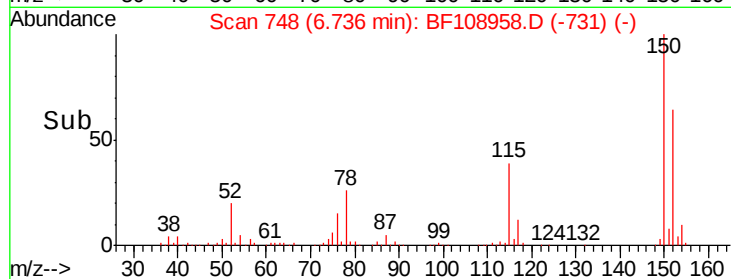


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

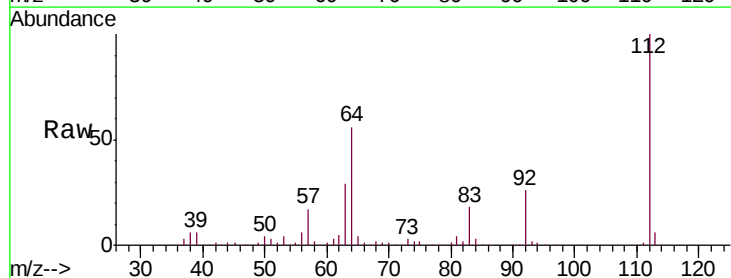
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.673 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108958.D
Acq: 12 Sep 2018 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.8	23.7	35.5

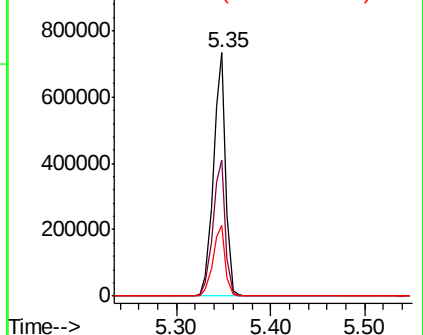
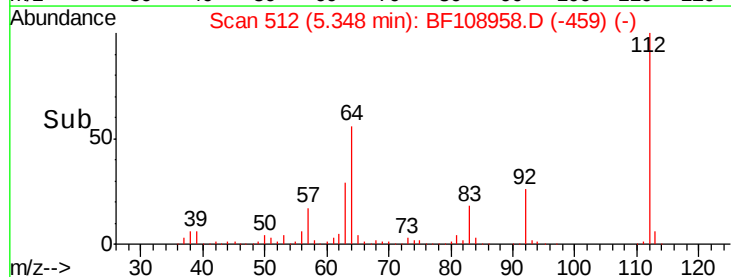


Abundance

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: 66.948 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108958.D

Acq: 12 Sep 2018 18:59

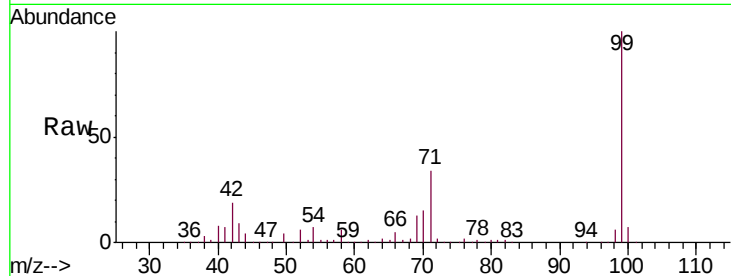
Tgt Ion: 99 Resp: 874237

Ion Ratio Lower Upper

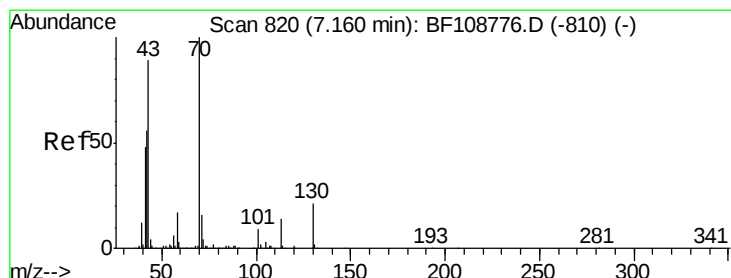
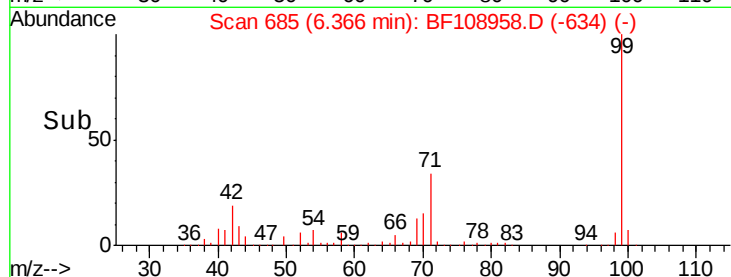
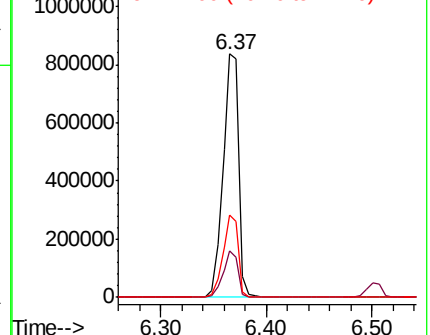
99 100

42 19.0 14.5 21.7

71 34.0 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: 8.033 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108958.D

Acq: 12 Sep 2018 18:59

Tgt Ion: 70 Resp: 72912

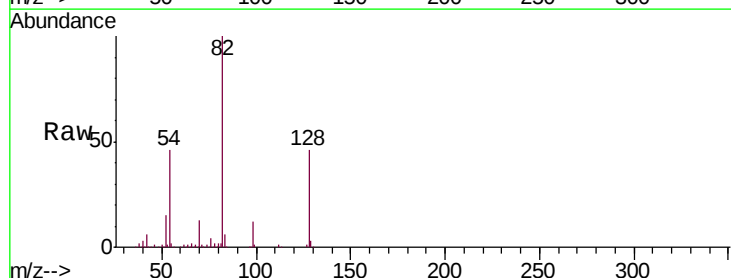
Ion Ratio Lower Upper

70 100

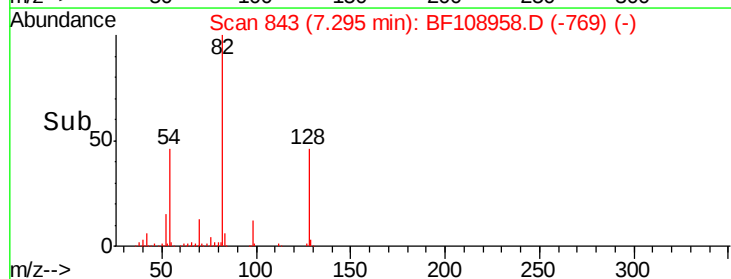
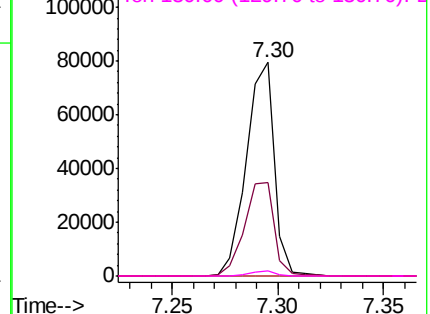
42 43.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



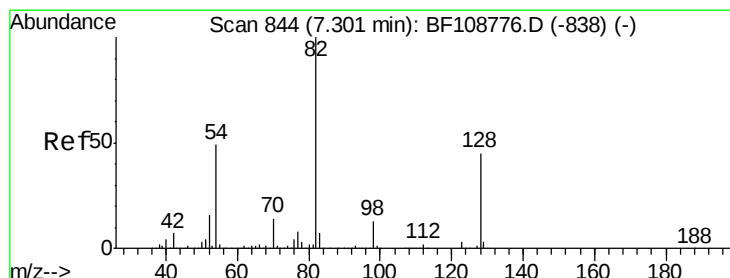
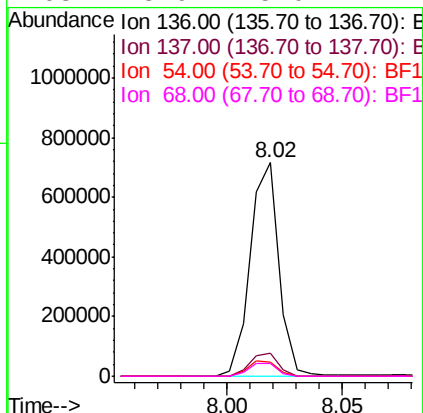
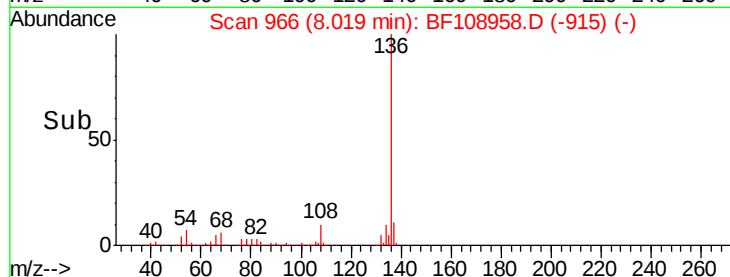
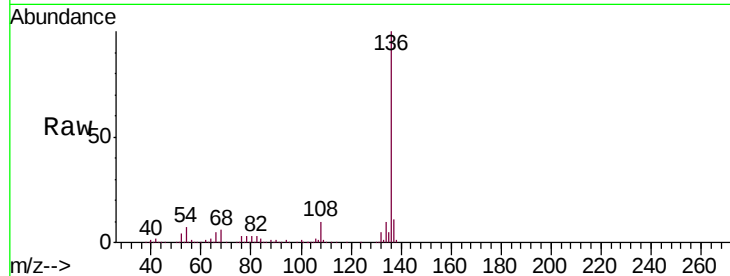
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





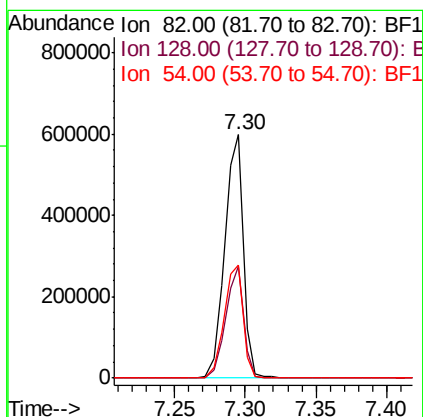
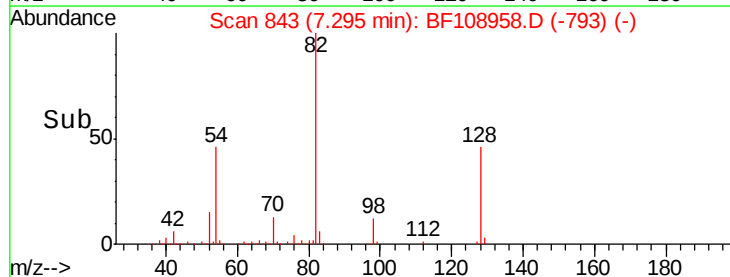
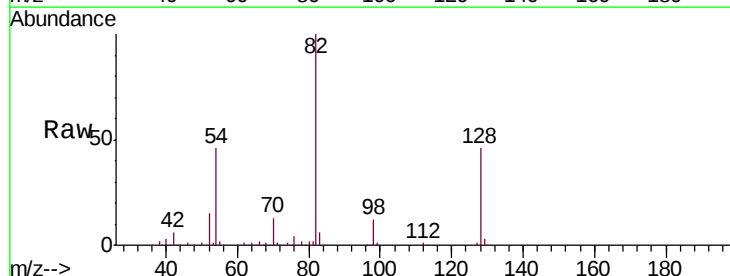
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108958.D
Acq: 12 Sep 2018 18:59

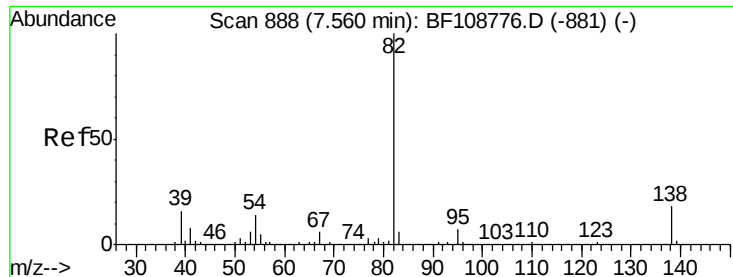
Tgt Ion:	136	Resp:	624408
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 54.696 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108958.D
Acq: 12 Sep 2018 18:59

Tgt Ion:	82	Resp:	545738
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	46.2	41.4	62.2





#25

Isophorone

Concen: 27.200 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108958.D

Acq: 12 Sep 2018 18:59

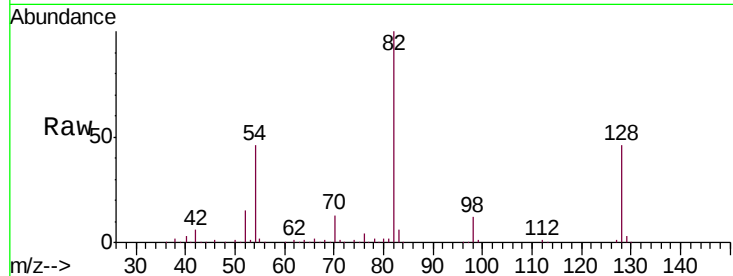
Tgt Ion: 82 Resp: 541346

Ion Ratio Lower Upper

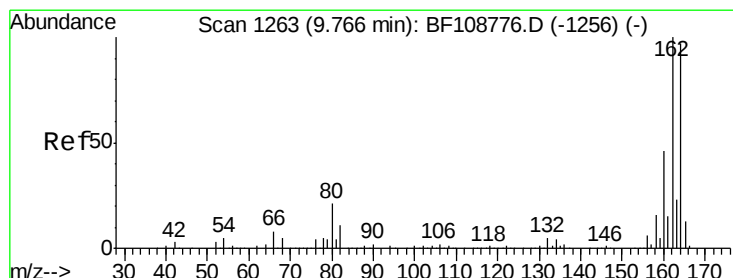
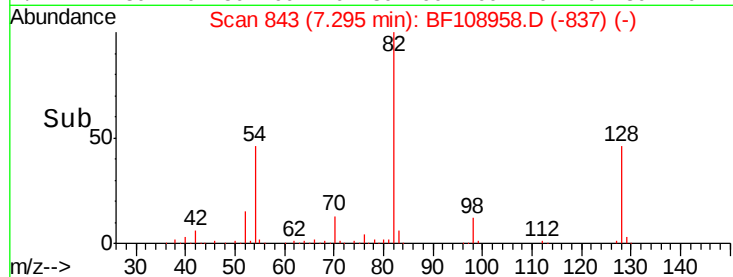
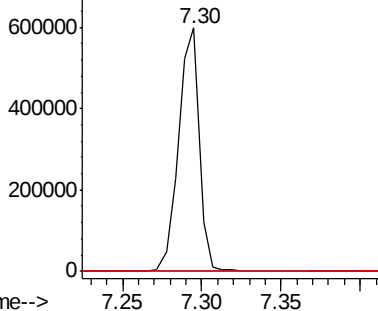
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108958.D

Acq: 12 Sep 2018 18:59

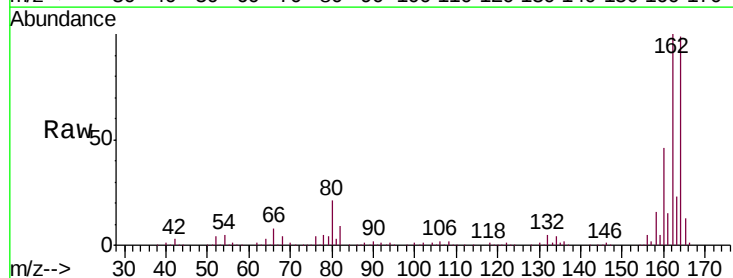
Tgt Ion: 164 Resp: 289578

Ion Ratio Lower Upper

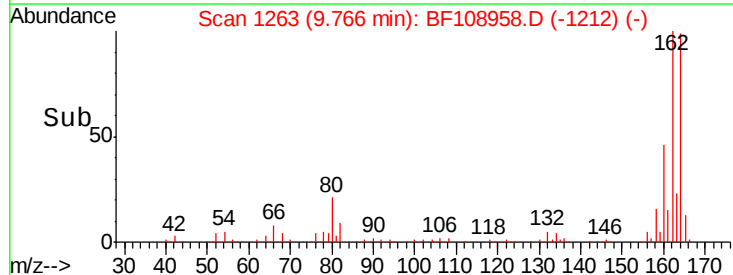
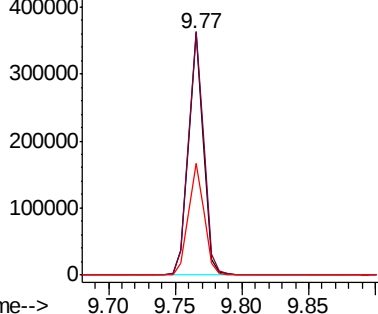
164 100

162 100.7 86.1 129.1

160 46.1 38.3 57.5



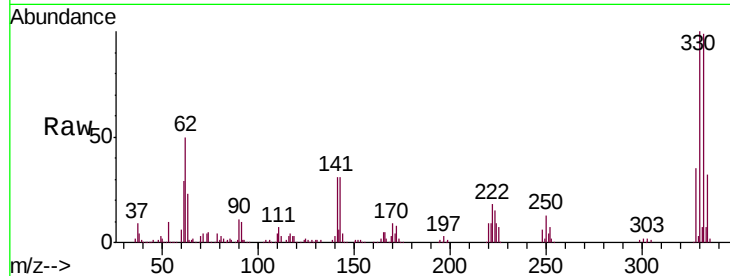
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41
 2,4,6-Tribromophenol
 Concen: 70.061 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108958.D
 Acq: 12 Sep 2018 18:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	30.7	29.9	44.9

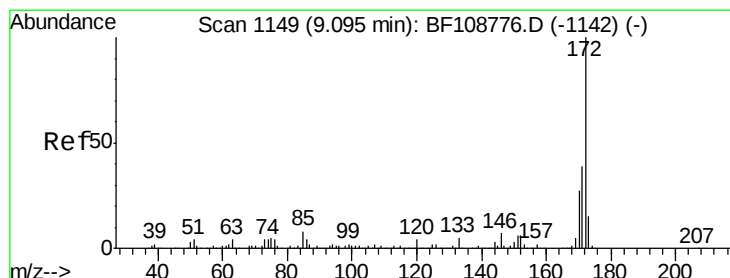
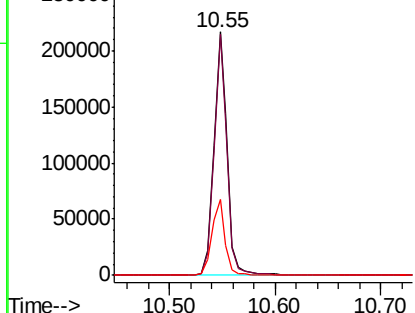
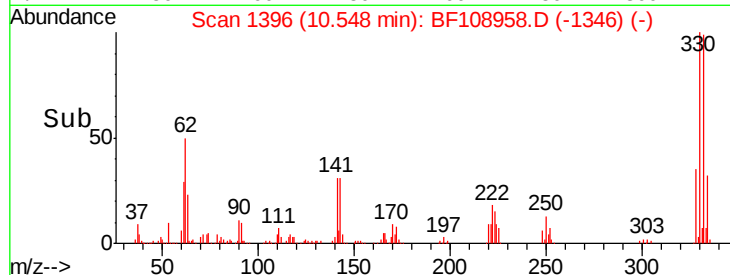


Abundance

Ion 329.80 (329.50 to 330.50): E

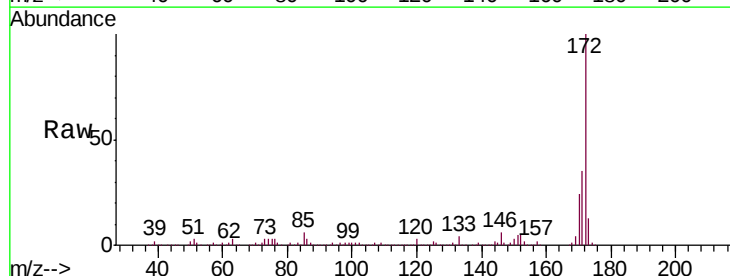
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 58.644 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108958.D
 Acq: 12 Sep 2018 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

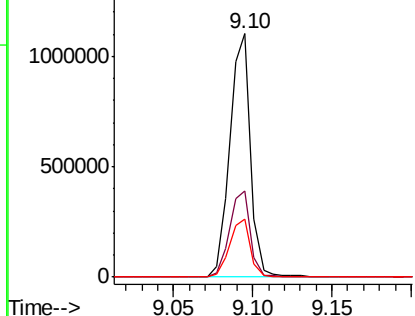
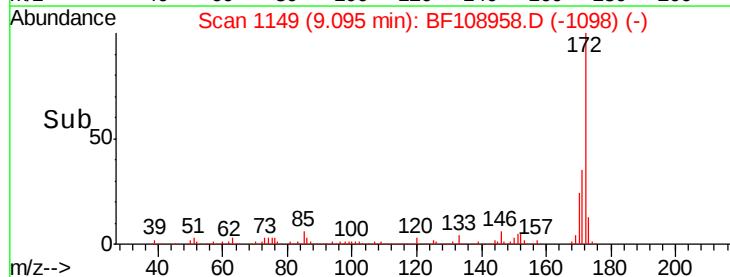


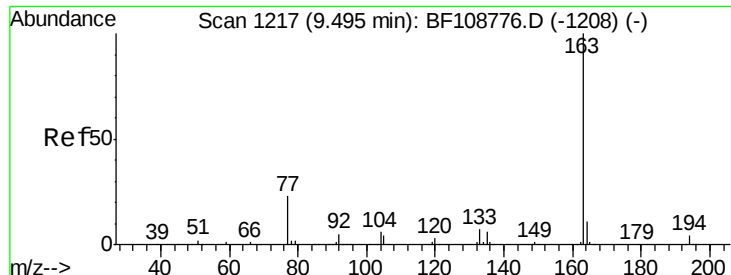
Abundance

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: 14.333 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108958.D

Acq: 12 Sep 2018 18:59

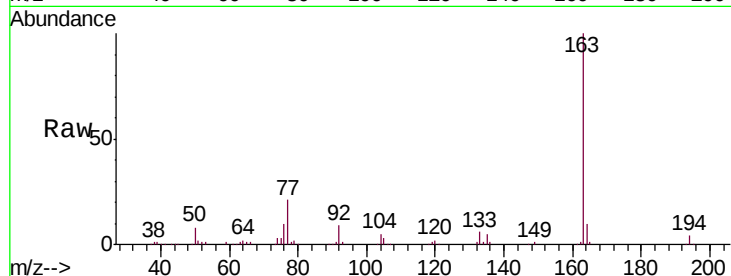
Tgt Ion:163 Resp: 290308

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

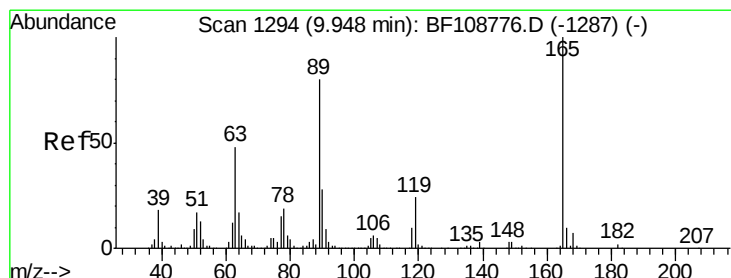
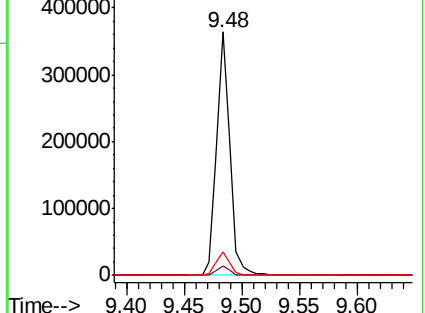
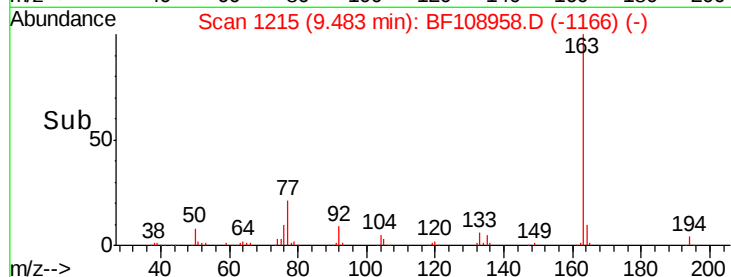
164 9.7 8.2 12.2



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: 7.451 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108958.D

Acq: 12 Sep 2018 18:59

Tgt Ion:165 Resp: 36773

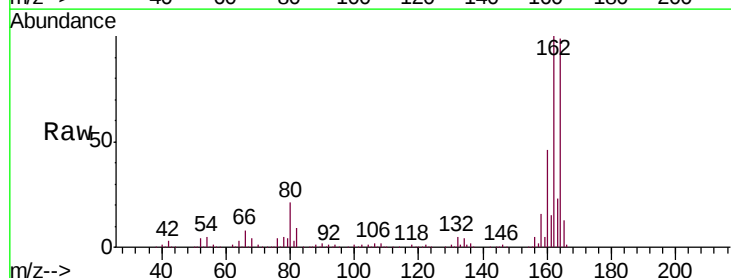
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

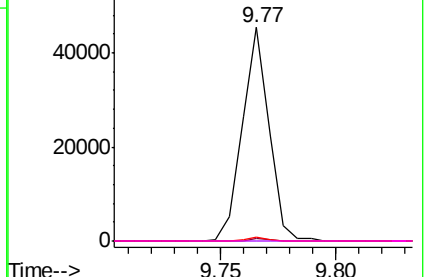
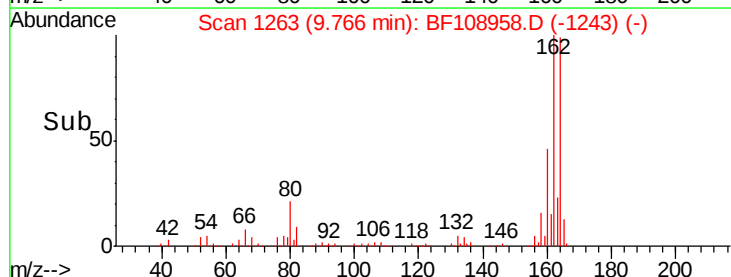


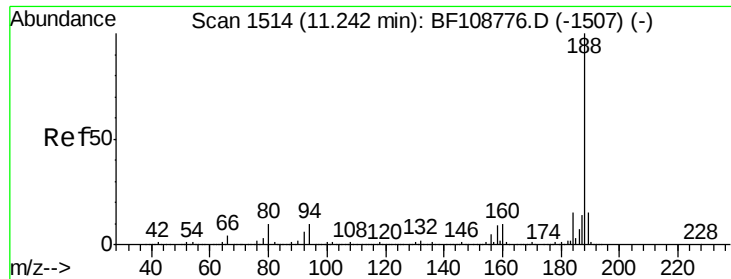
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

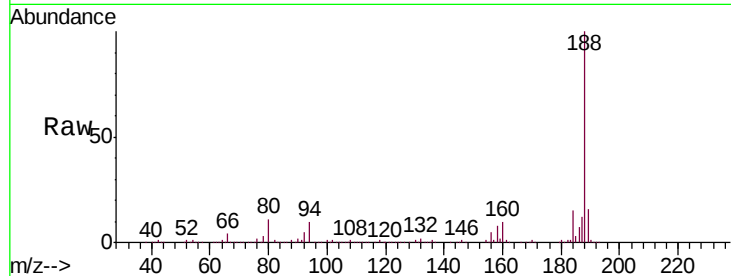
Ion 182.00 (181.70 to 182.70): E





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108958.D
Acq: 12 Sep 2018 18:59

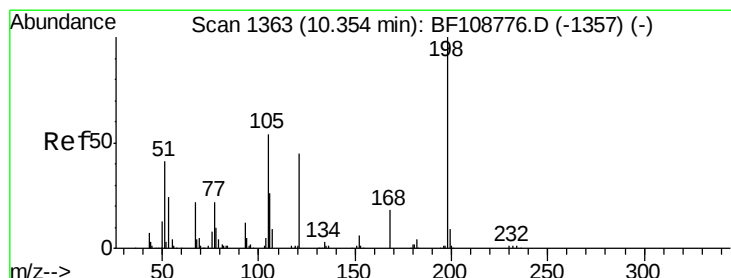
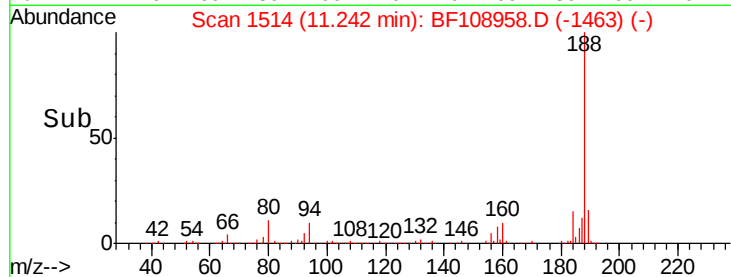
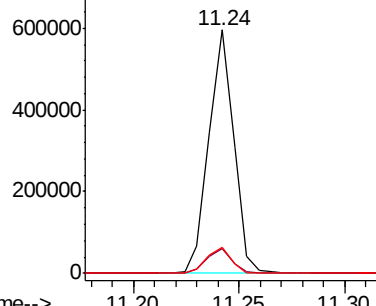
Tgt Ion:	188	Resp:	485605
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.7	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

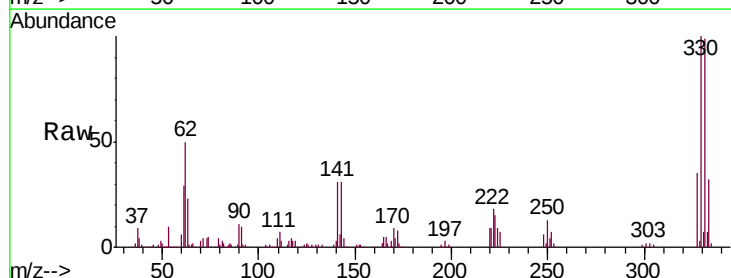
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 7.033 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108958.D
Acq: 12 Sep 2018 18:59

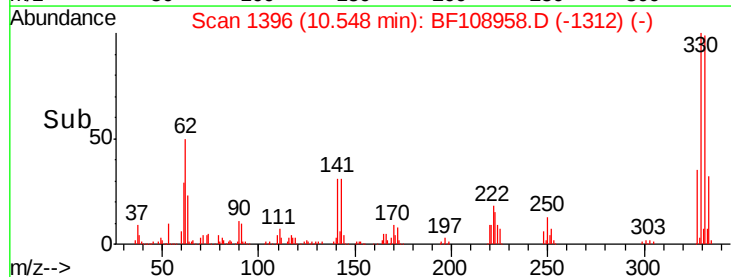
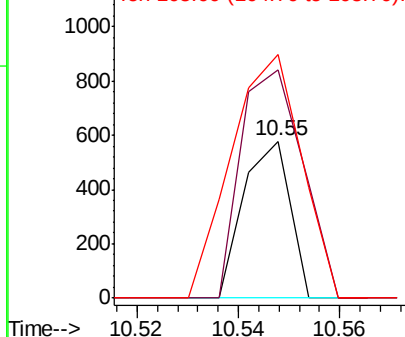
Tgt Ion:	198	Resp:	367
Ion	Ratio	Lower	Upper
198	100		
51	146.1	37.7	77.7#
105	155.5	36.3	76.3#

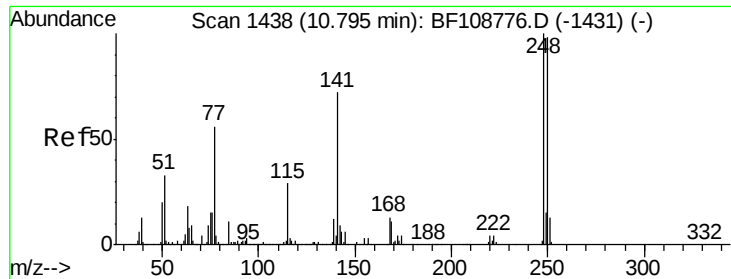


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

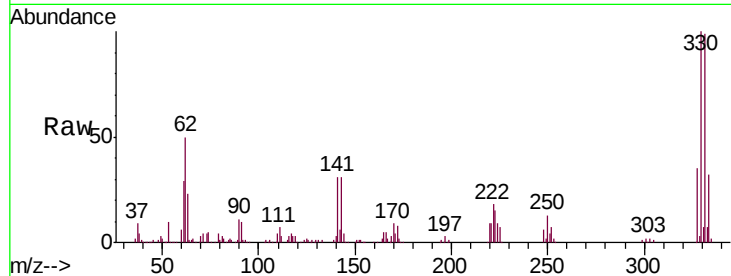
Ion 105.00 (104.70 to 105.70): E





#66
 4-Bromophenyl-phenylether
 Concen: 2.188 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108958.D
 Acq: 12 Sep 2018 18:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.3	76.9	115.3#
141	486.4	74.4	111.6#

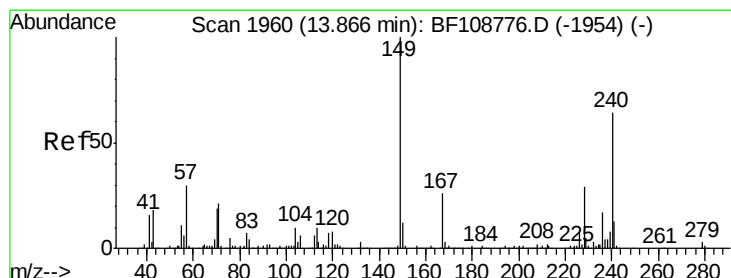
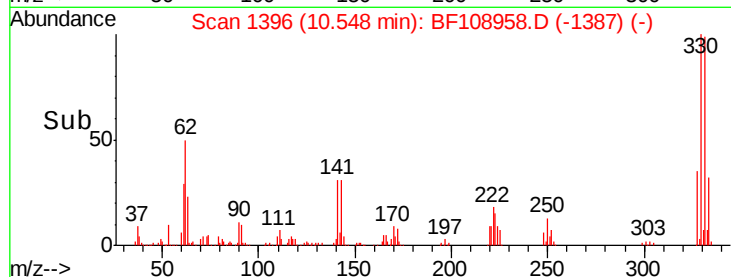
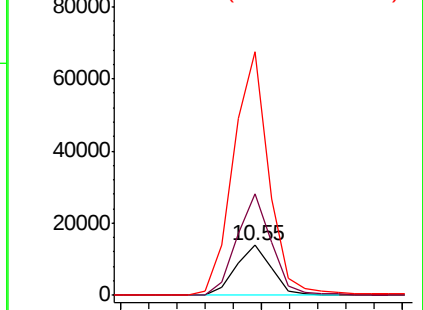


Abundance

Ion 248.00 (247.70 to 248.70): E

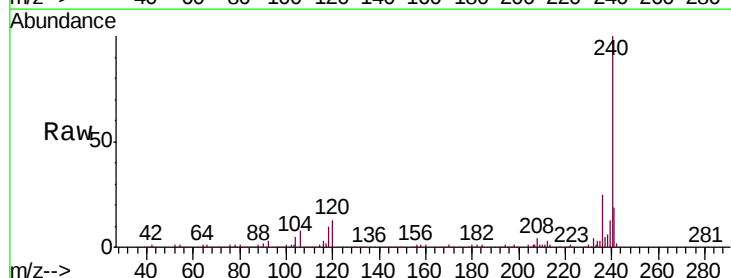
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108958.D
 Acq: 12 Sep 2018 18:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.4	20.7	31.1

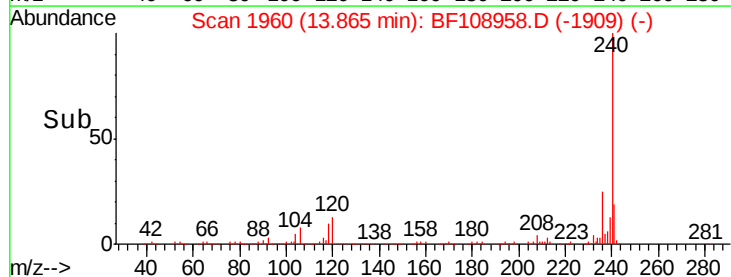
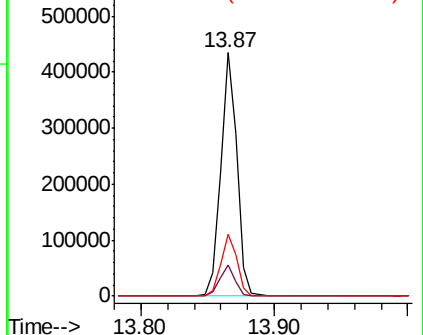


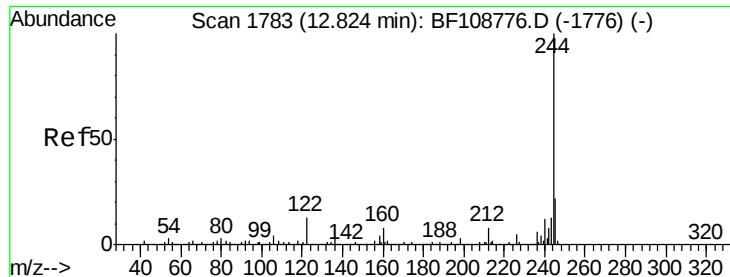
Abundance

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: 47.832 ng

RT: 12.82 min Scan# 1783

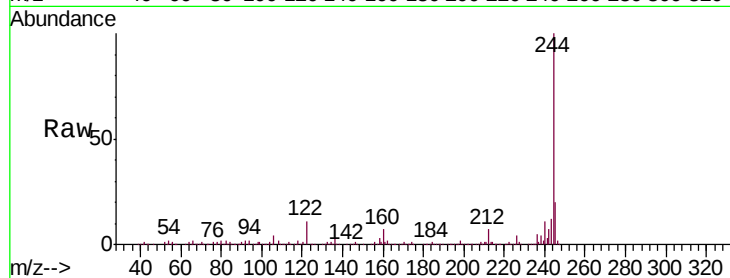
Delta R.T. 0.00 min

Lab File: BF108958.D

Acq: 12 Sep 2018 18:59

Tgt Ion:244 Resp: 763493

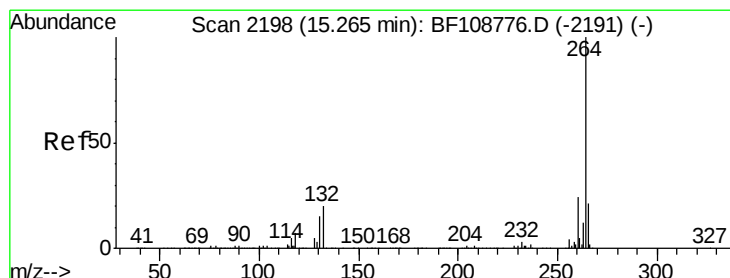
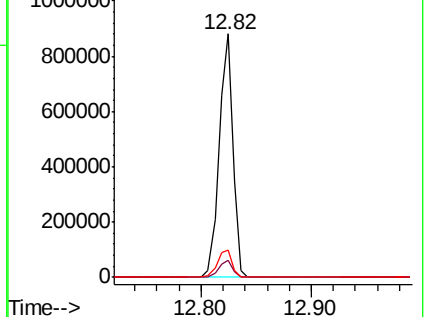
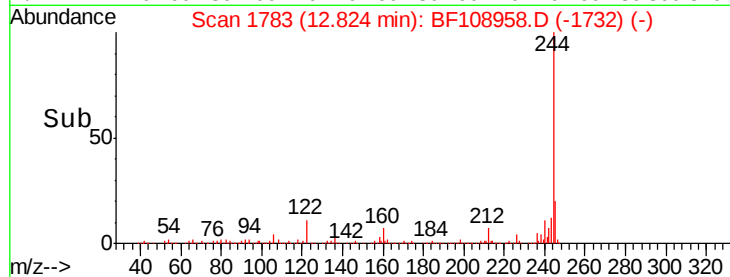
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.2	11.0	16.4



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

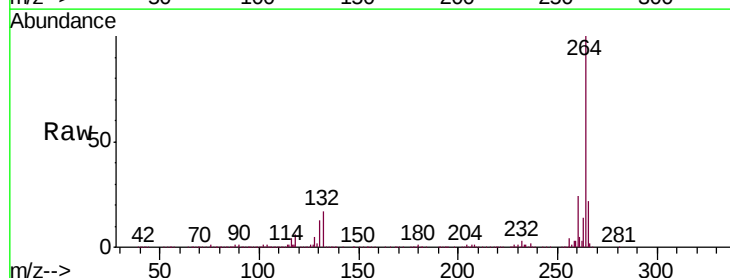
Delta R.T. 0.01 min

Lab File: BF108958.D

Acq: 12 Sep 2018 18:59

Tgt Ion:264 Resp: 446008

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

