

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
 Data File : BF108951.D
 Acq On : 12 Sep 2018 15:40
 Operator : JU/SJ
 Sample : PB112774BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 12 16:05:25 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	173813	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	673804	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	334114	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	663601	20.00	ng	0.00
75) Chrysene-d12	13.87	240	593685	20.00	ng	0.00
86) Perylene-d12	15.28	264	483218	20.00	ng	0.01

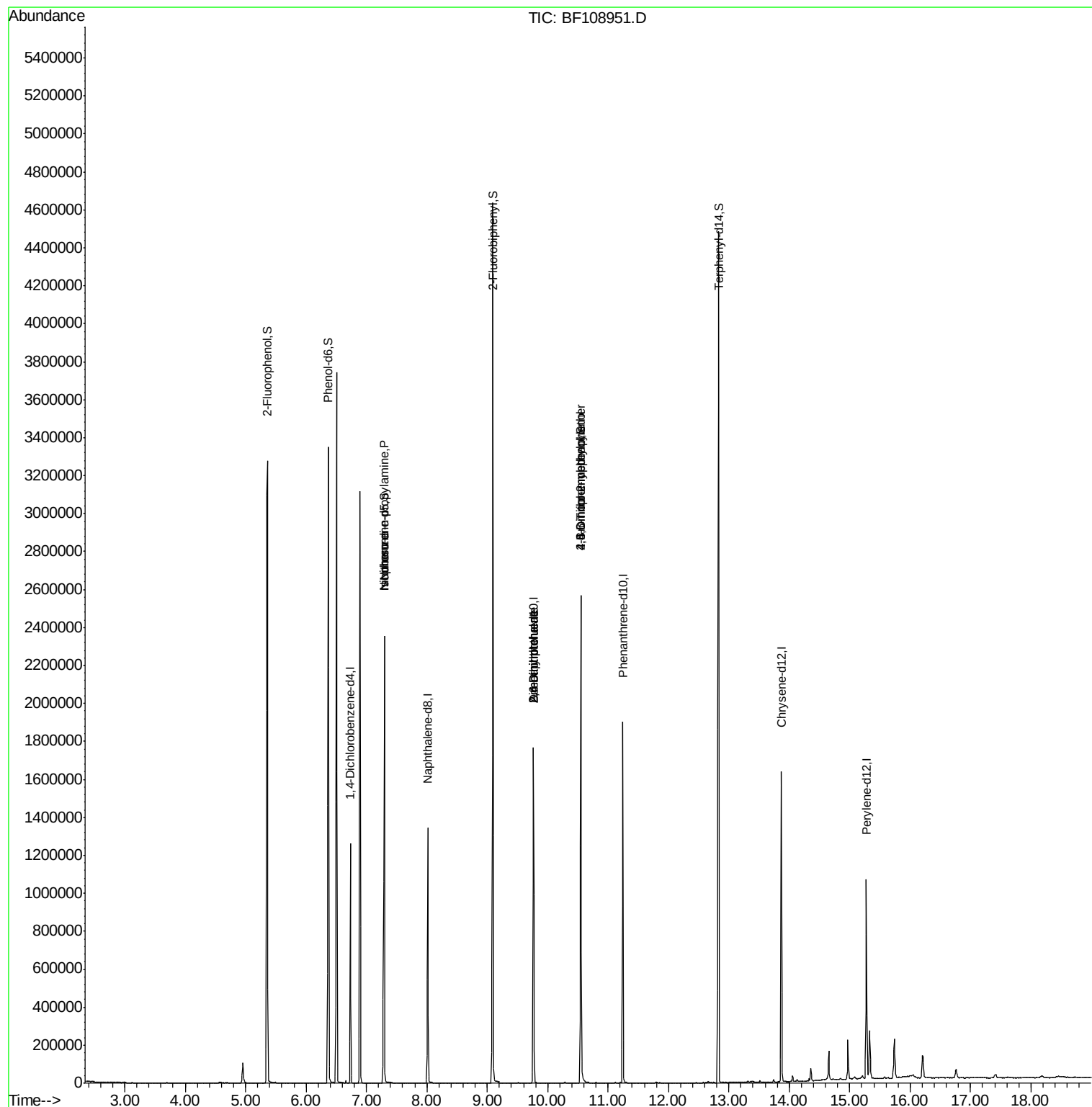
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1021596	97.37	ng	0.02
7) Phenol-d6	6.37	99	1325658	98.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	846238	78.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	366091	114.78	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1506430	76.92	ng	0.00
78) Terphenyl-d14	12.83	244	1629715	64.01	ng	0.00

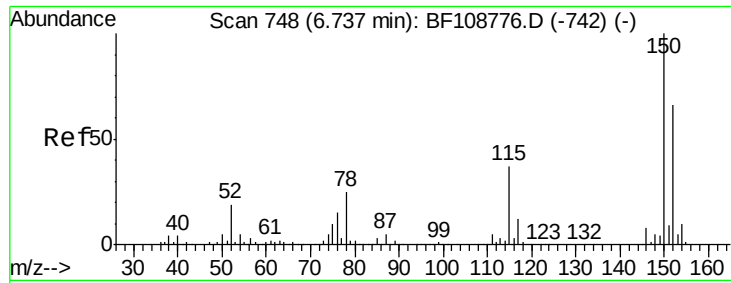
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	113556	12.102	ng	# 77
25) Isophorone	7.30	82	830778	38.683	ng	# 64
49) Dimethylphthalate	9.77	163	87866	3.760	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	42800	9.612	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	42800	7.516	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	621	7.072	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	22216	2.964	ng	# 1

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

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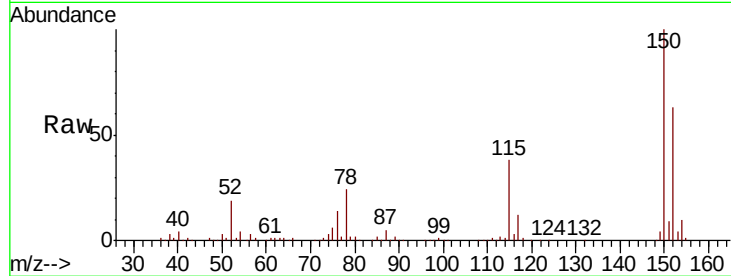




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.4	50.1	75.1

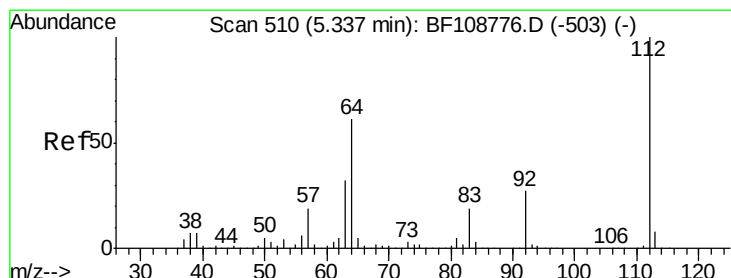
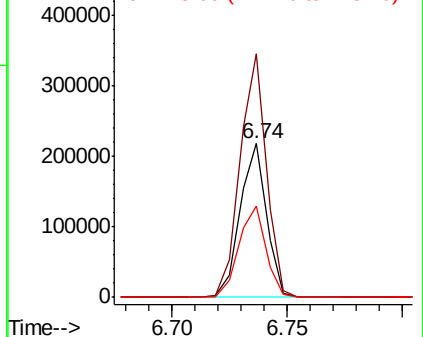
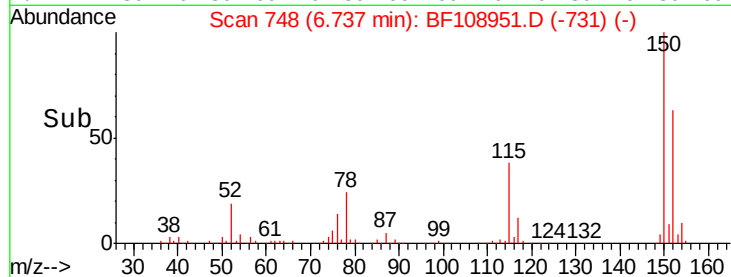


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

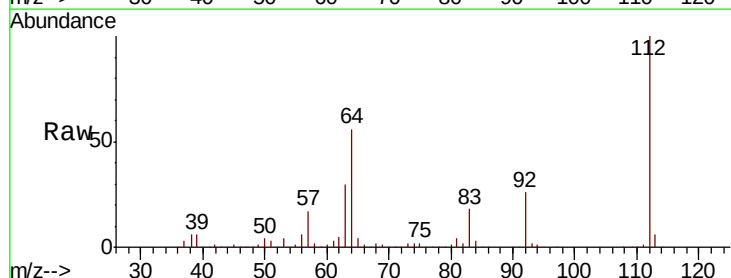
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.372 ng
RT: 5.36 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	29.6	23.7	35.5

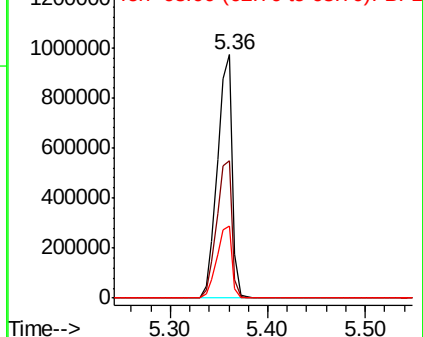
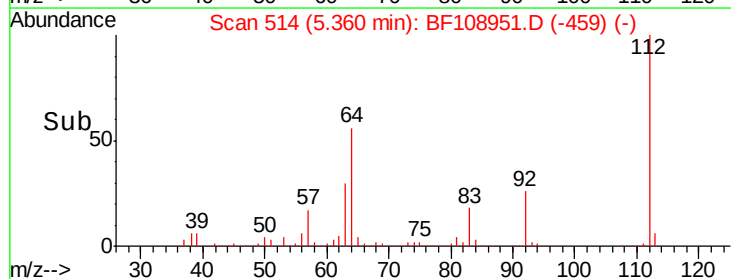


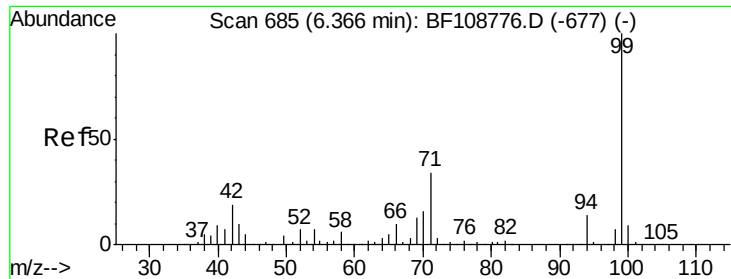
Abundance

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: 98.202 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

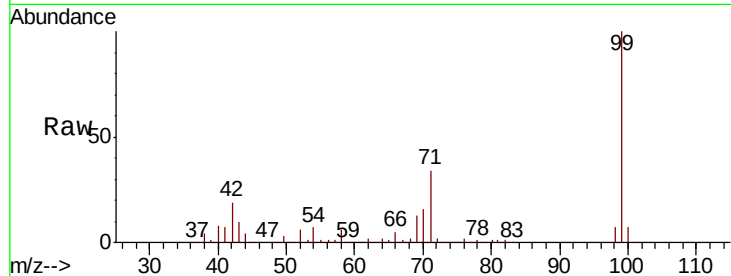
Tot Ion: 99 Resp: 1325658

Ion Ratio Lower Upper

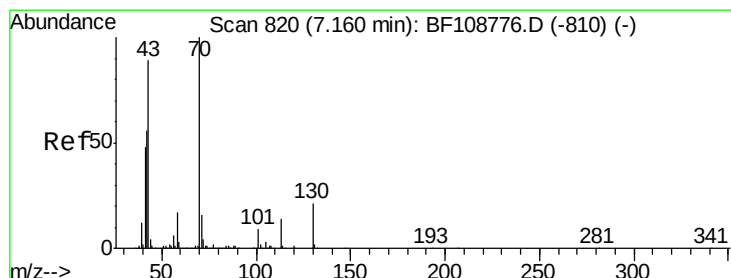
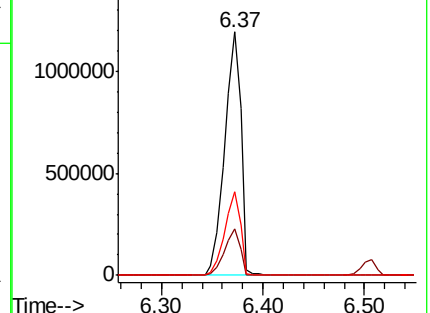
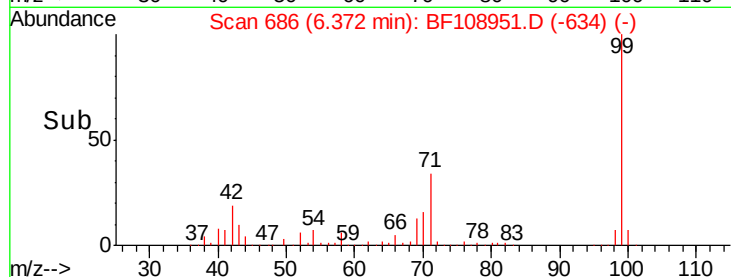
99 100

42 19.2 14.5 21.7

71 34.3 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: 12.102 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

Tgt Ion: 70 Resp: 113556

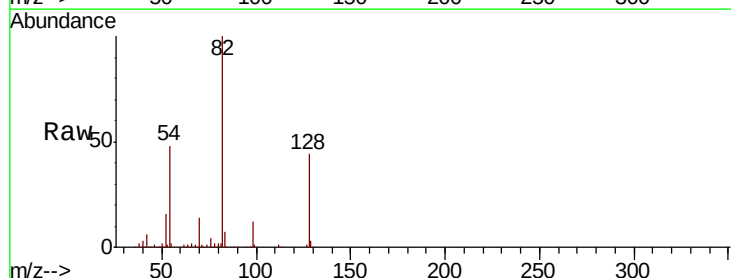
Ion Ratio Lower Upper

70 100

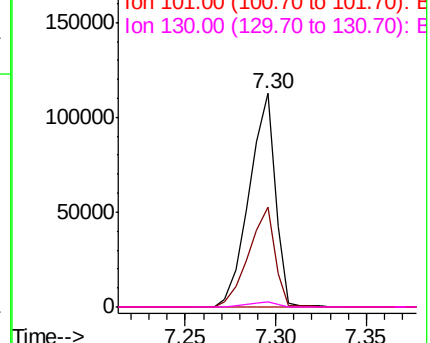
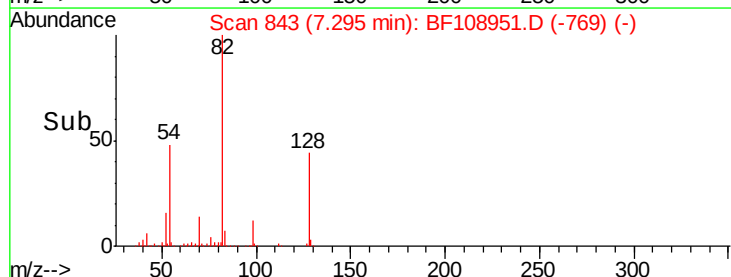
42 47.0 47.5 71.3#

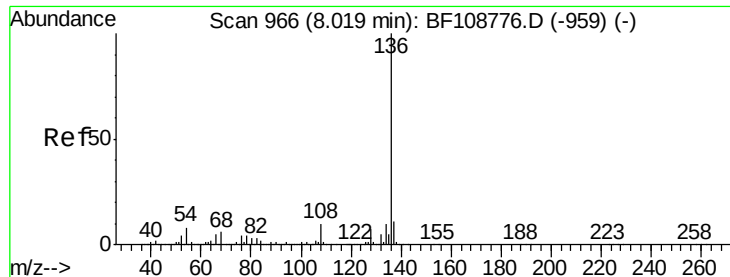
101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



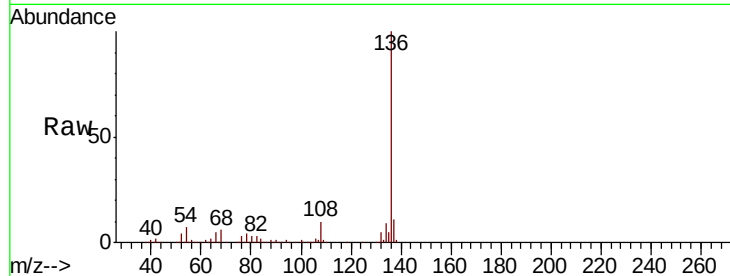
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



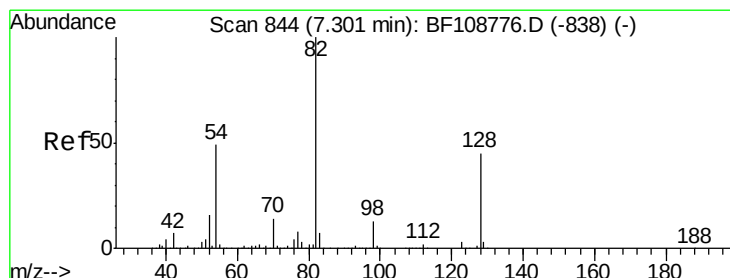
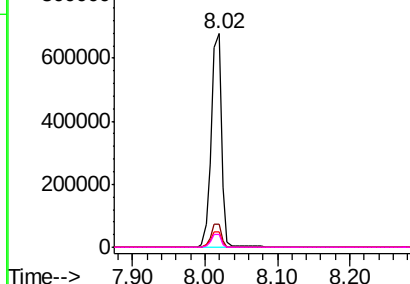
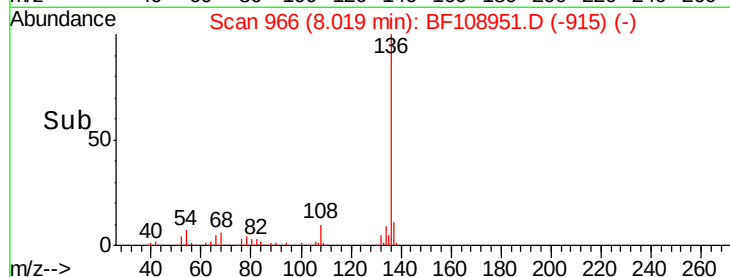


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tot Ion:136	Resp:	673804	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 7.1	6.6	9.8	
68 5.8	5.0	7.4	

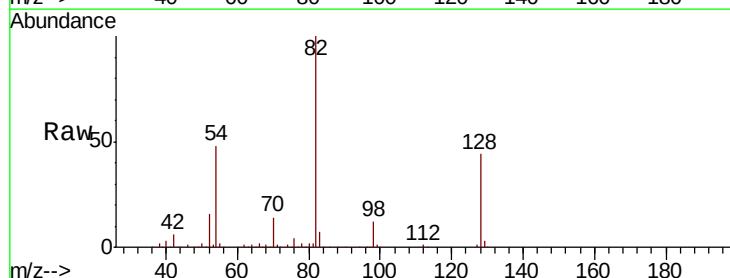


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

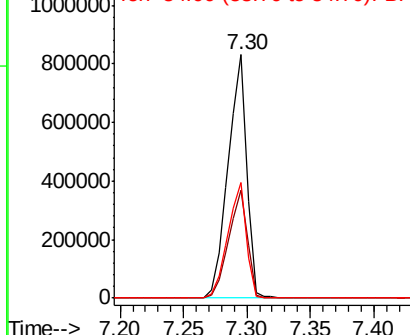
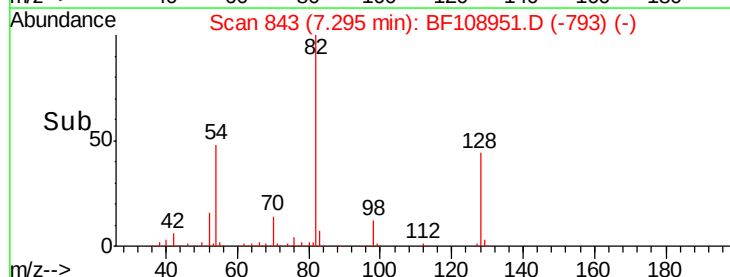


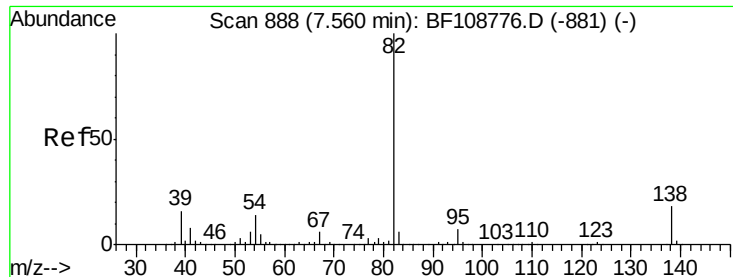
#23
Nitrobenzene-d5
Concen: 78.596 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tgt	Ion: 82	Resp:	846238
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	47.7	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: 38.683 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

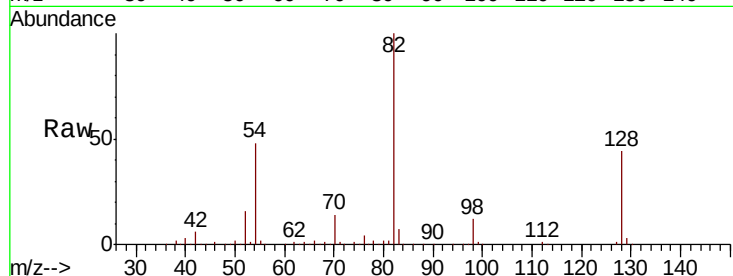
Tot Ion: 82 Resp: 830778

Ion Ratio Lower Upper

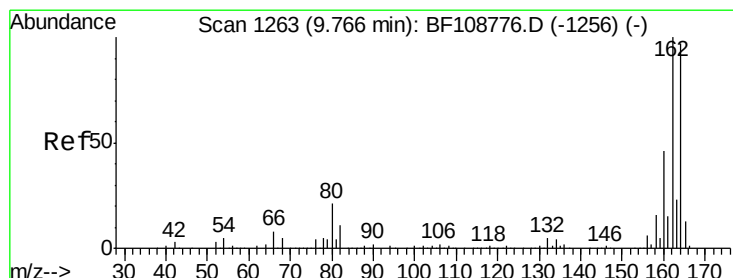
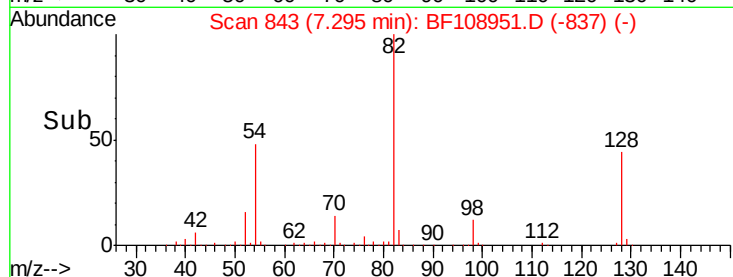
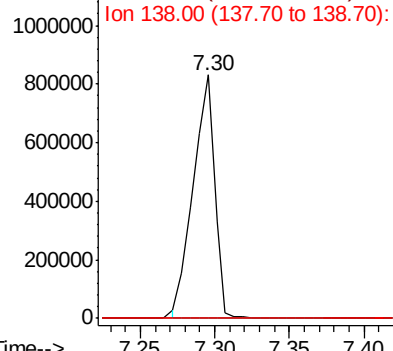
82 100

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: BF108951.D

Acq: 12 Sep 2018 15:40

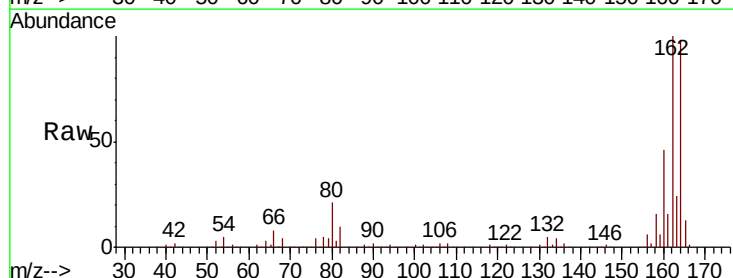
Tgt Ion: 164 Resp: 334114

Ion Ratio Lower Upper

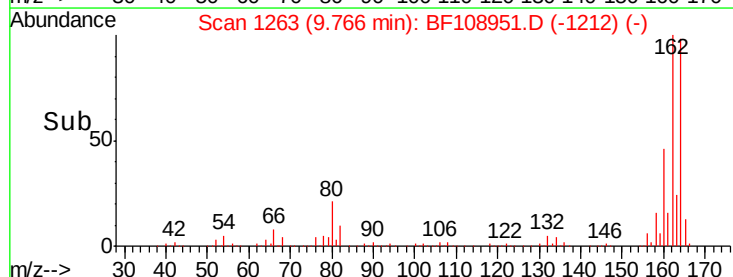
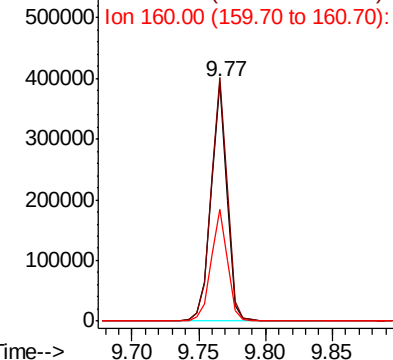
164 100

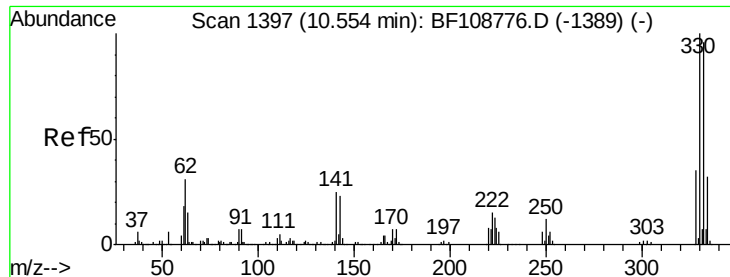
162 101.9 86.1 129.1

160 47.0 38.3 57.5



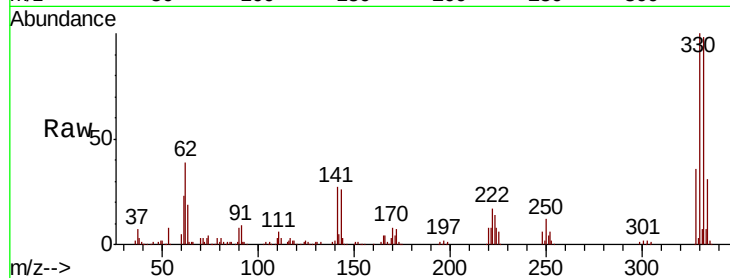
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



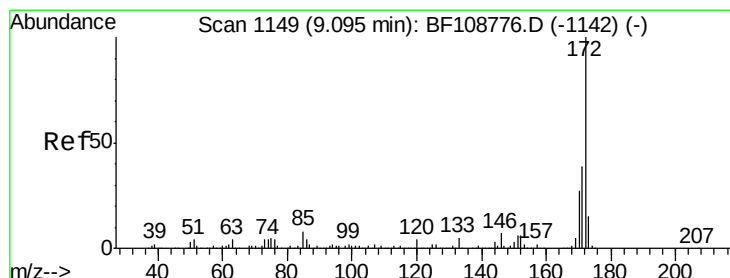
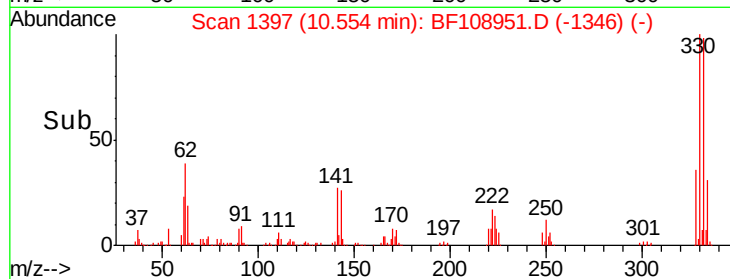
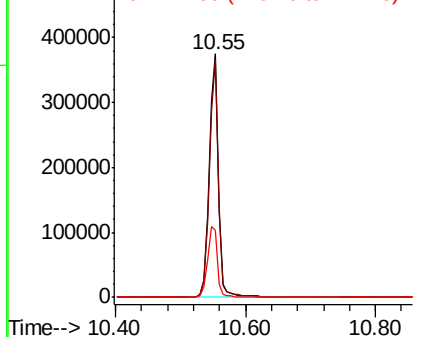


#41
 2,4,6-Tribromophenol
 Concen: 114.776 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108951.D
 Acq: 12 Sep 2018 15:40

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.2	29.9	44.9

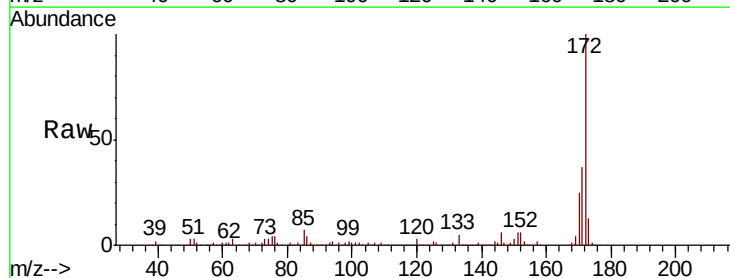


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

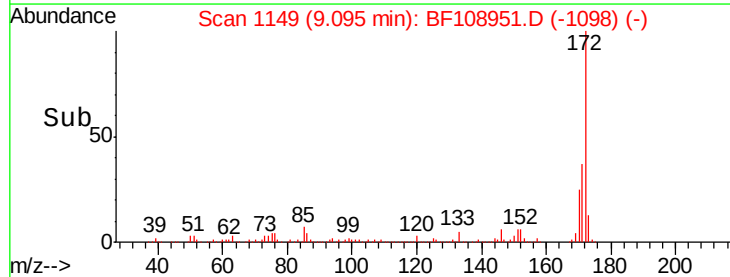
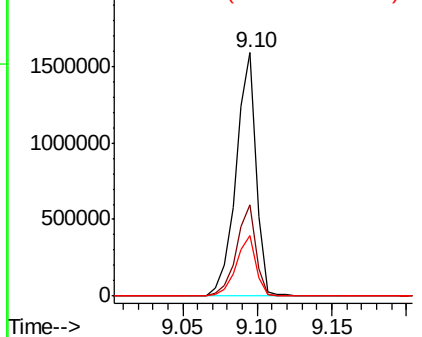


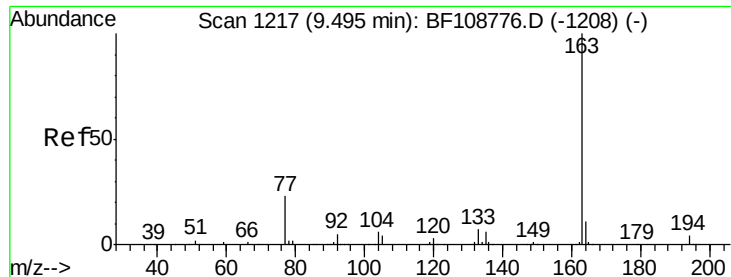
#44
 2-Fluorobiphenyl
 Concen: 76.918 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108951.D
 Acq: 12 Sep 2018 15:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.8	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: 3.760 ng

RT: 9.77 min Scan# 1263

Delta R.T. 0.27 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

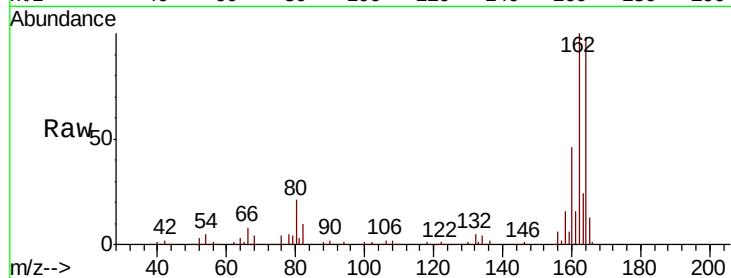
Tot Ion:163 Resp: 87866

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

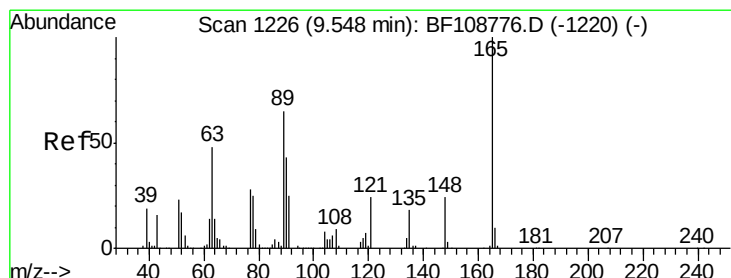
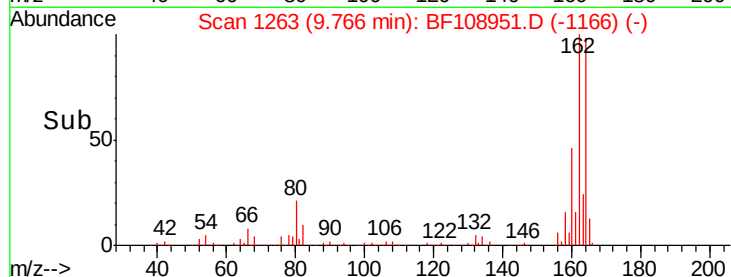
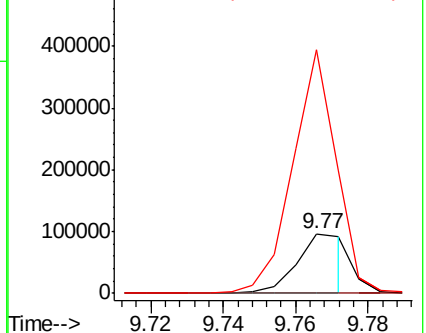
164 409.7 8.2 12.2#



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



#50

2,6-Dinitrotoluene

Concen: 9.612 ng

RT: 9.77 min Scan# 1263

Delta R.T. 0.22 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

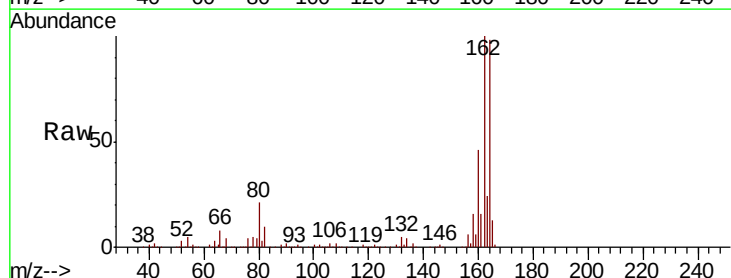
Tgt Ion:165 Resp: 42800

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

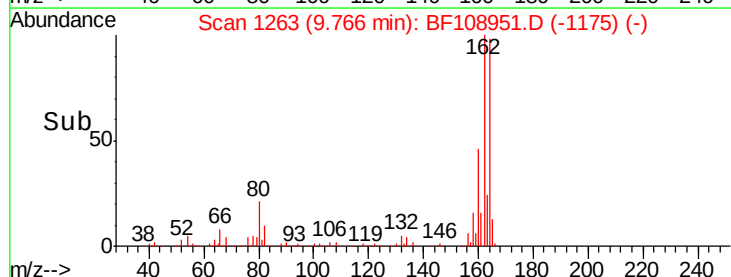
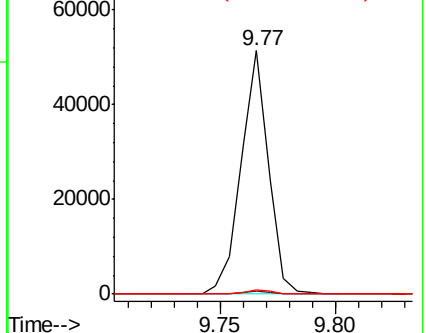
89 1.5 44.0 66.0#

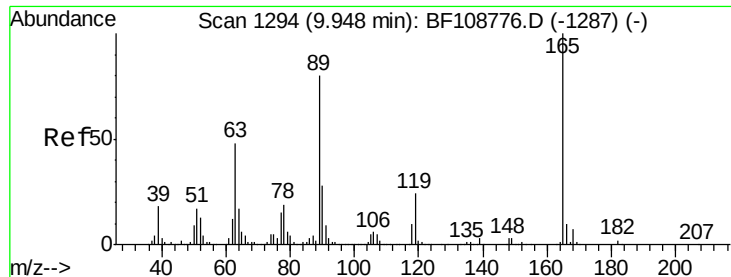


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

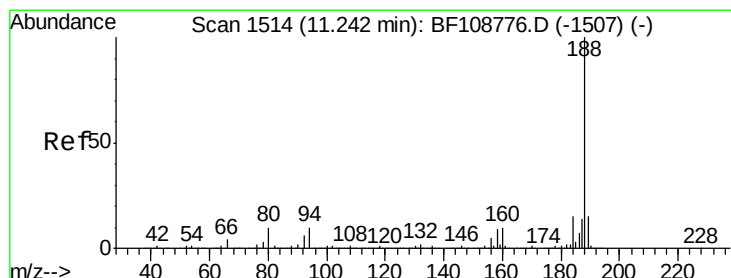
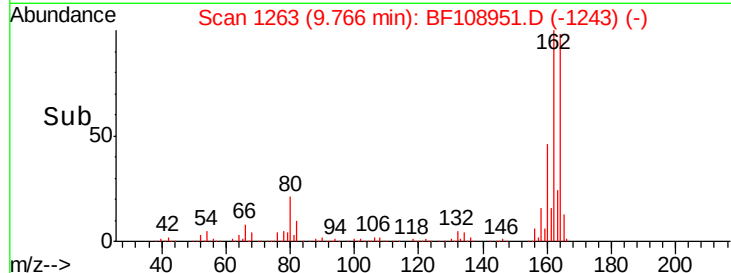
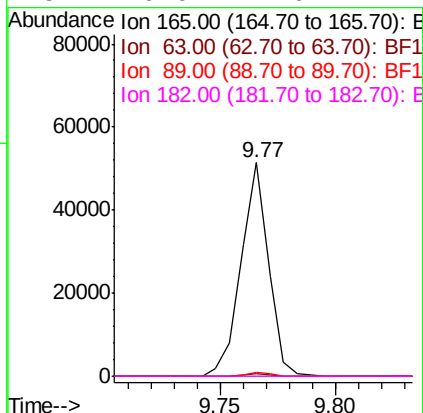
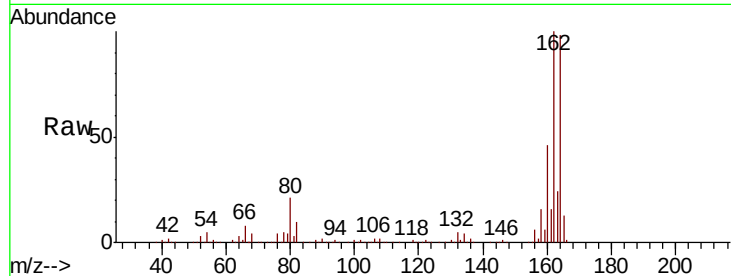
Ion 89.00 (88.70 to 89.70): BF1





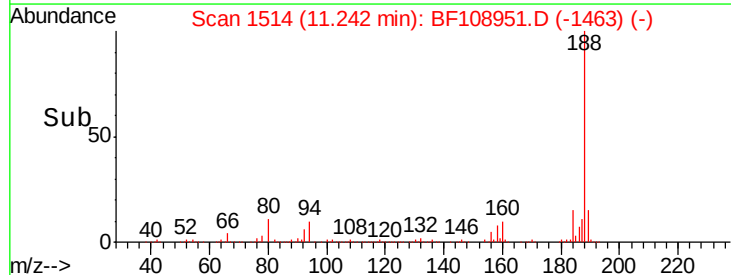
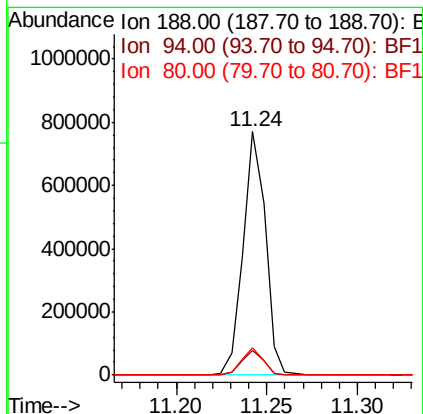
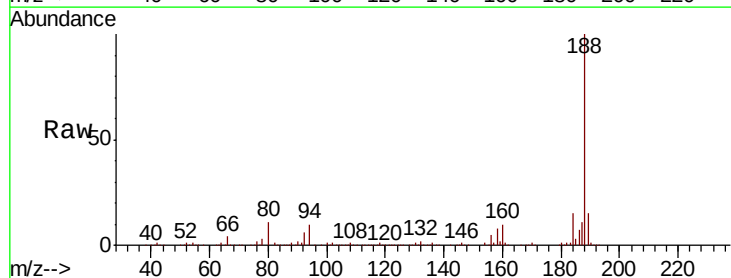
#56
 2,4-Dinitrotoluene
 Concen: 7.516 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108951.D
 Acq: 12 Sep 2018 15:40

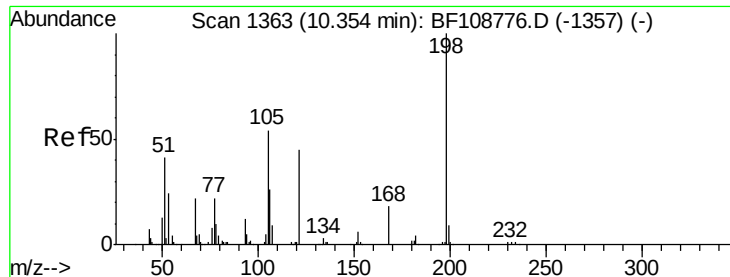
Tot Ion:	165	Resp:	42800
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108951.D
 Acq: 12 Sep 2018 15:40

Tgt Ion:	188	Resp:	663601
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.072 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.20 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

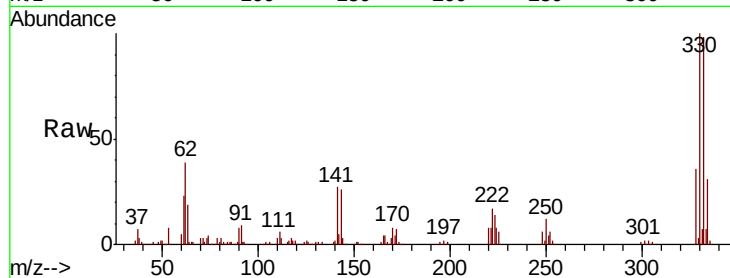
Tot Ion:198 Resp: 621

Ion Ratio Lower Upper

198 100

51 152.2 37.7 77.7#

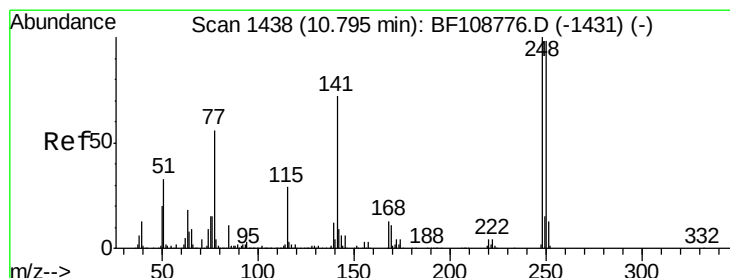
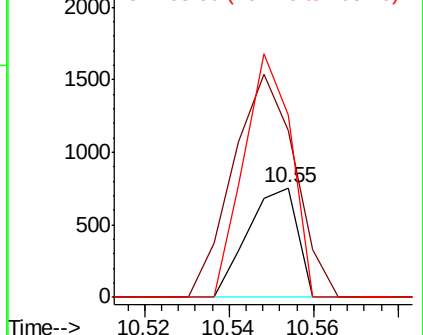
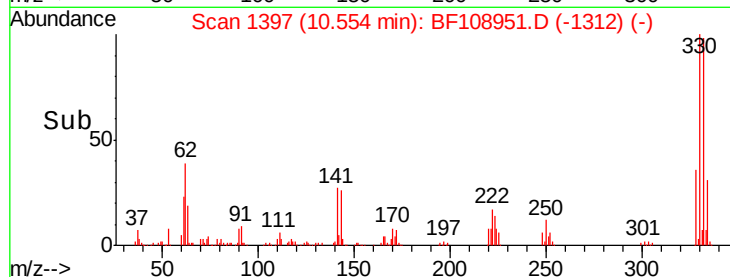
105 165.9 36.3 76.3#



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: 2.964 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.24 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

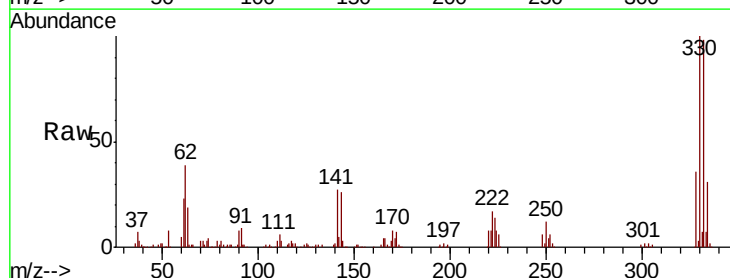
Tgt Ion:248 Resp: 22216

Ion Ratio Lower Upper

248 100

250 199.3 76.9 115.3#

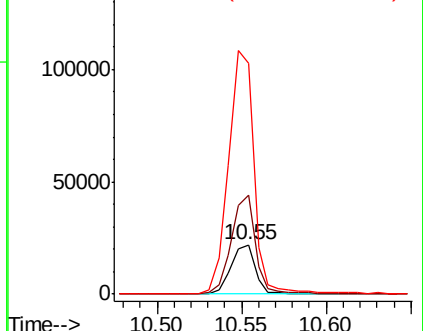
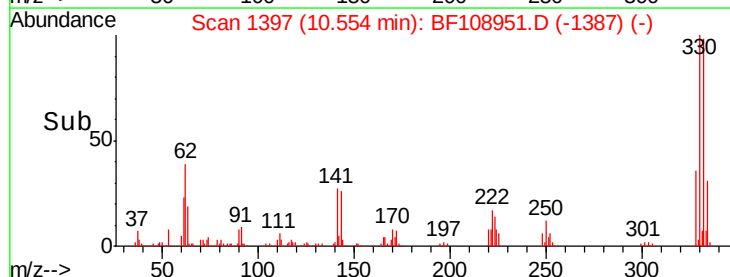
141 463.9 74.4 111.6#

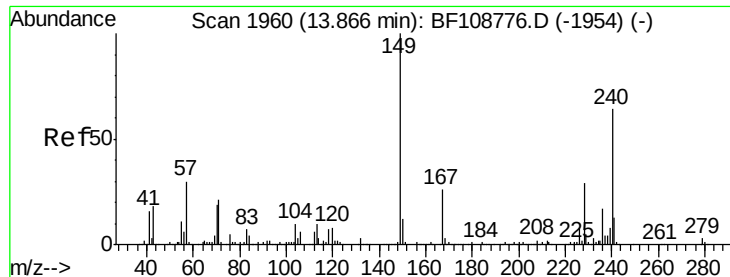


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108951.D

Acq: 12 Sep 2018 15:40

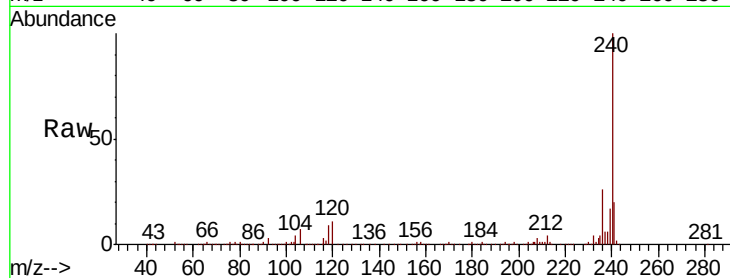
Tot Ion:240 Resp: 593685

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

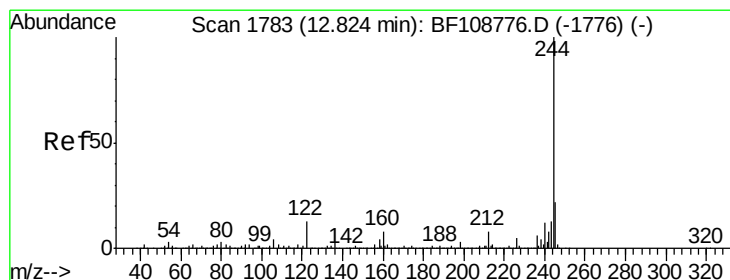
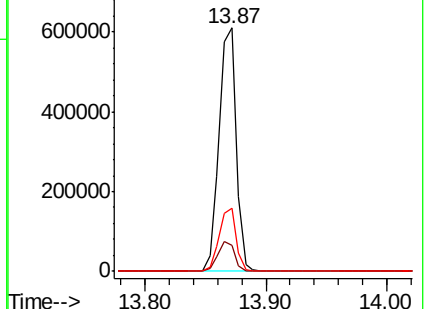
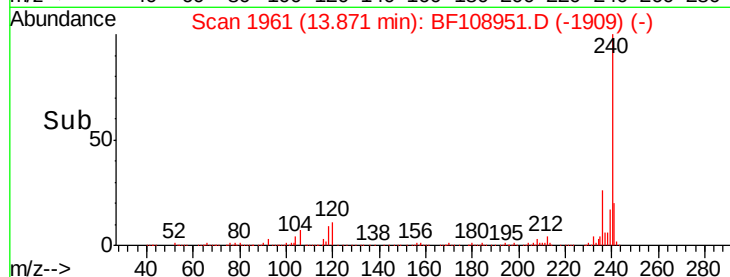
236 26.0 20.7 31.1



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: 64.013 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108951.D

Acq: 12 Sep 2018 15:40

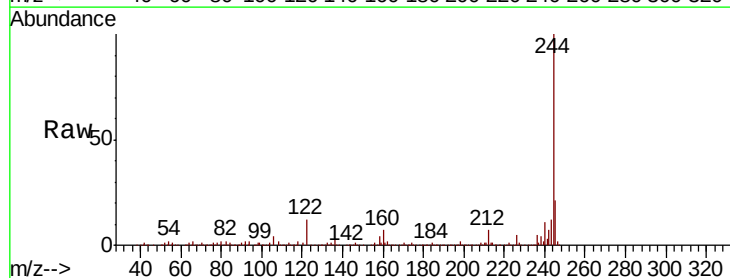
Tgt Ion:244 Resp: 1629715

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

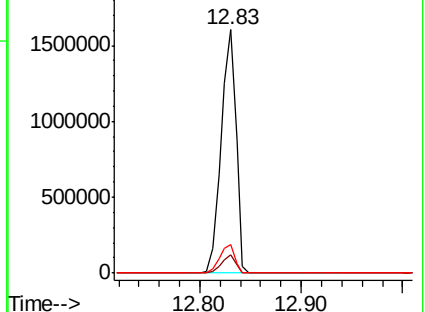
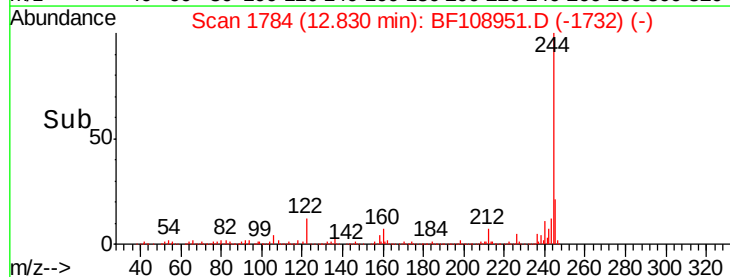
122 12.0 11.0 16.4

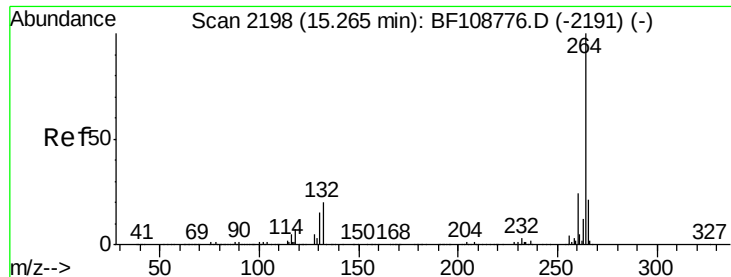


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

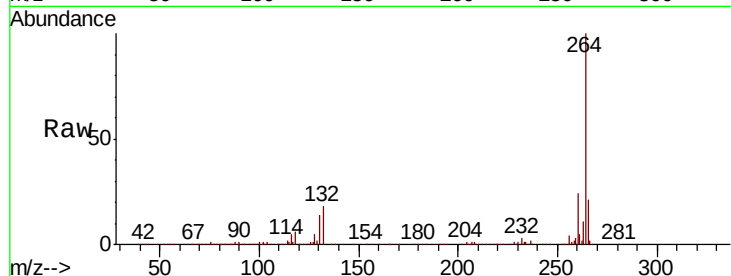
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108951.D
Acq: 12 Sep 2018 15:40

Tot Ion:	264	Resp:	483218
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	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

