

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108859.D
 Acq On : 7 Sep 2018 14:38
 Operator : JU/SJ
 Sample : PB112638BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 15:00:40 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	216941	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	820143	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	401002	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	768077	20.00	ng	0.00
75) Chrysene-d12	13.87	240	550379	20.00	ng	0.00
86) Perylene-d12	15.27	264	482971	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1281714	97.88	ng	0.02
7) Phenol-d6	6.37	99	1622242	96.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	1033930	78.89	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	383930	100.29	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1813924	77.17	ng	0.00
78) Terphenyl-d14	12.83	244	1841622	78.03	ng	0.00

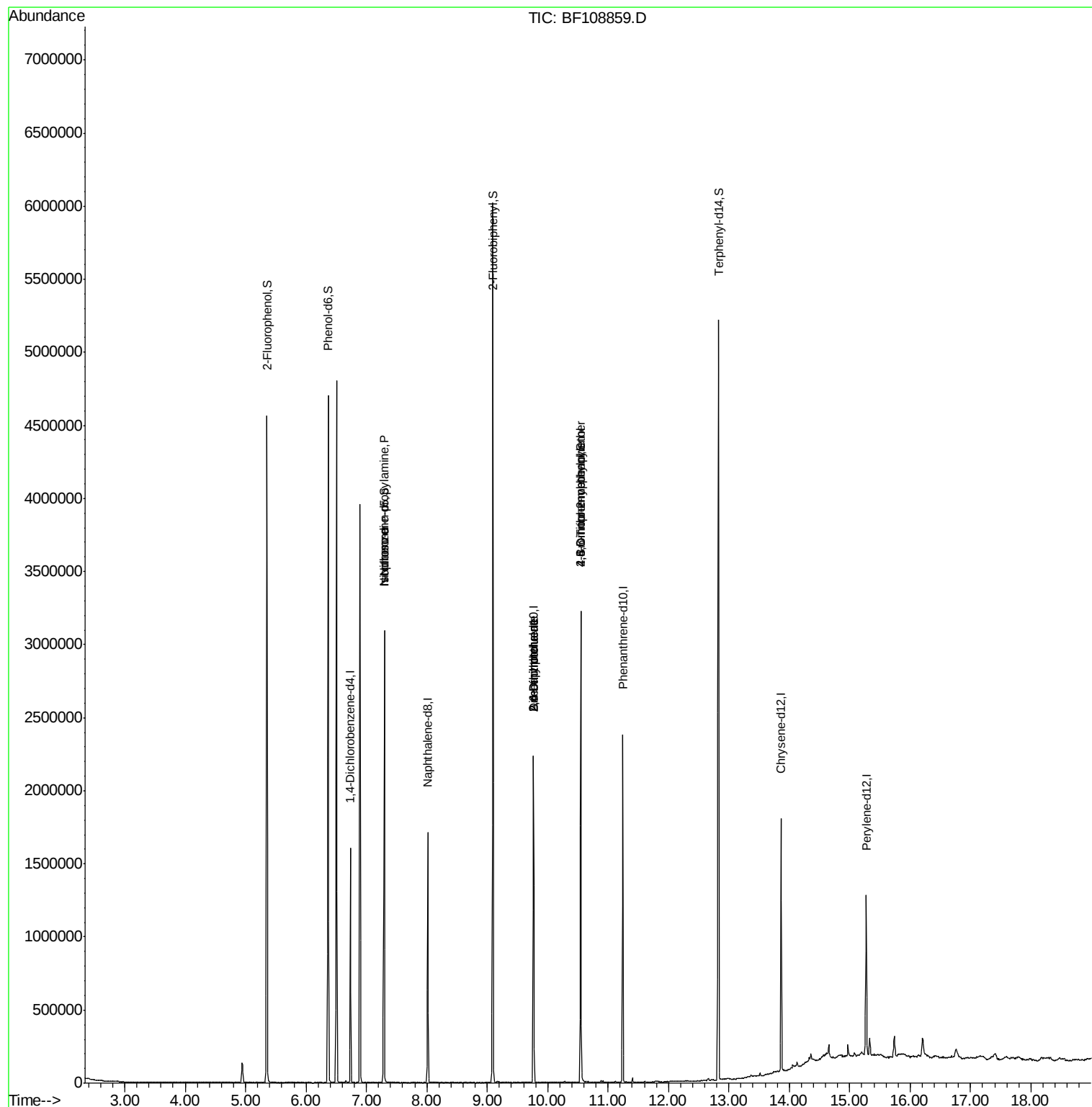
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	139993	11.953	ng	# 77
25) Isophorone	7.30	82	1023991	39.172	ng	# 64
49) Dimethylphthalate	9.77	163	105111	3.748	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	52088	9.746	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	52088	7.621	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	851	7.110	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	23326	2.689	ng	# 1

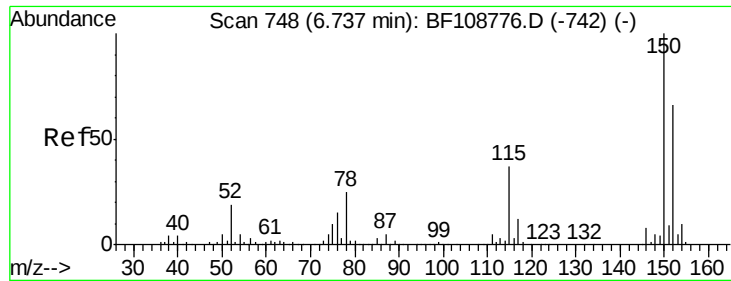
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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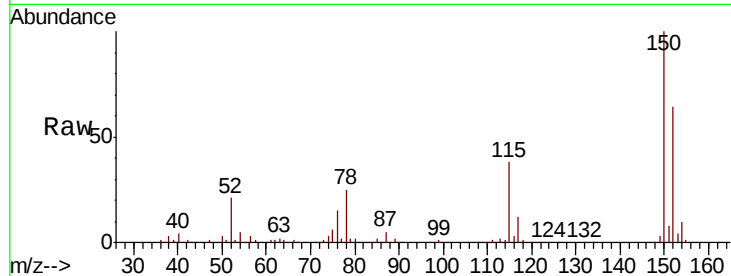


#1

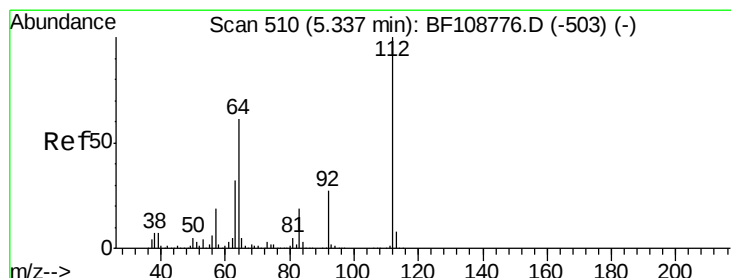
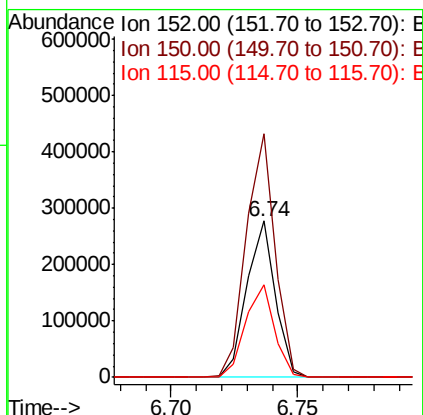
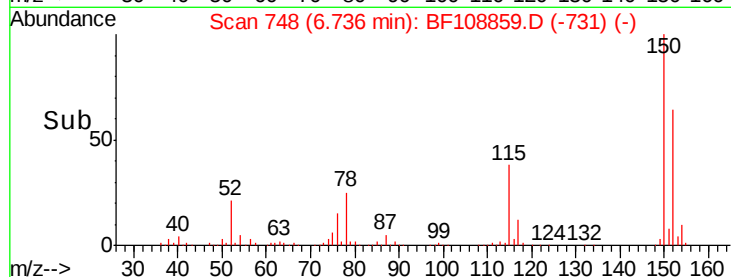
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 216941
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 59.3 50.1 75.1



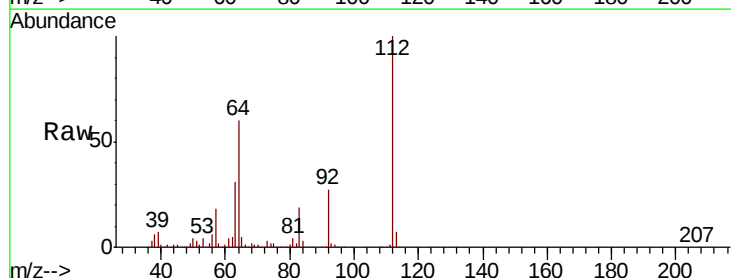
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



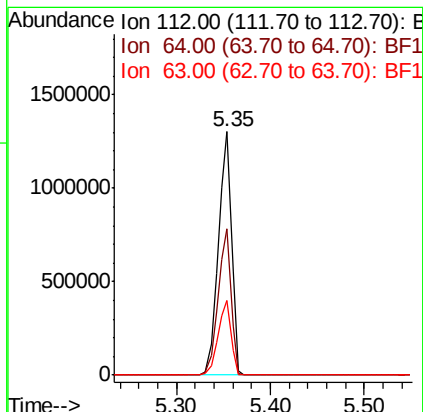
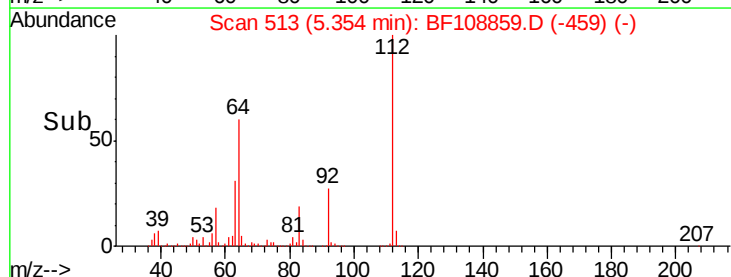
#5

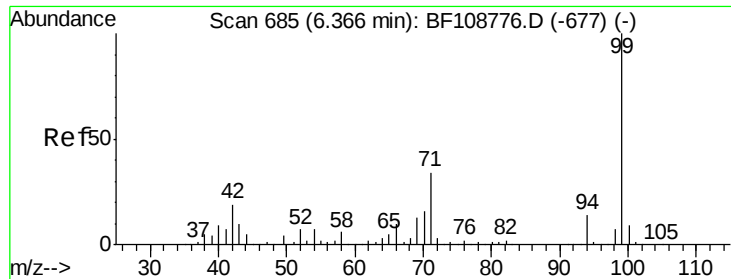
2-Fluorophenol
Concen: 97.878 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

Tgt Ion:112 Resp: 1281714
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 30.9 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: 96.282 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108859.D

Acq: 7 Sep 2018 14:38

Instrument :

BNA_G

ClientSampleId :

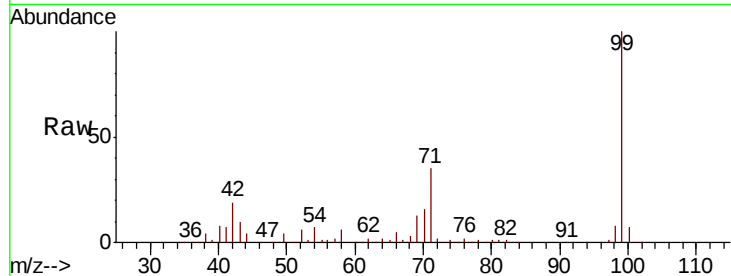
Tot Ion: 99 Resp: 1622242

Ion Ratio Lower Upper

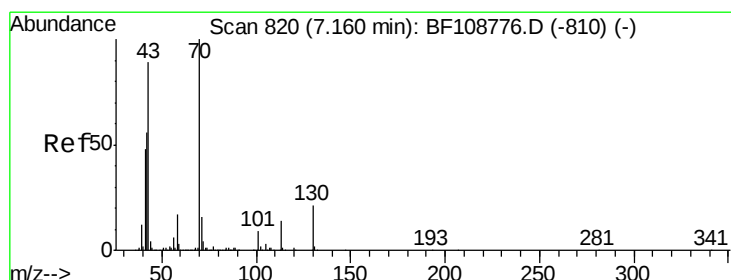
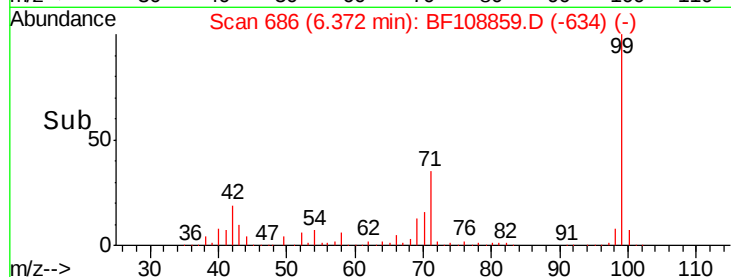
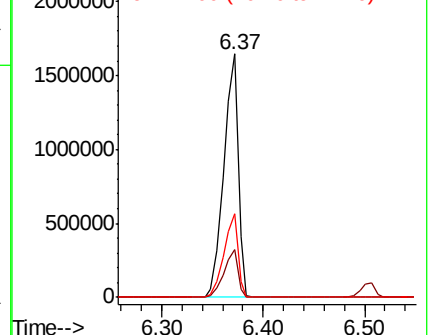
99 100

42 19.5 14.5 21.7

71 34.6 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: 11.953 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108859.D

Acq: 7 Sep 2018 14:38

Tgt Ion: 70 Resp: 139993

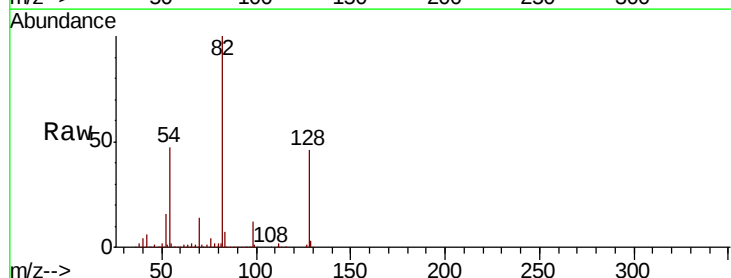
Ion Ratio Lower Upper

70 100

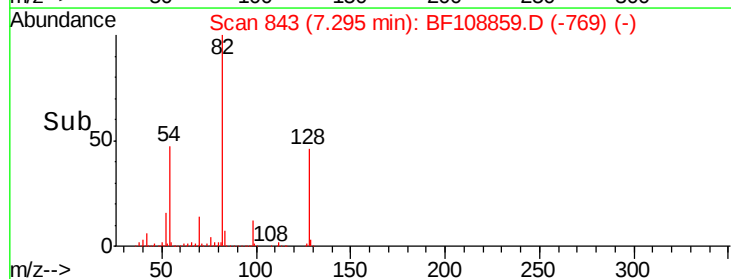
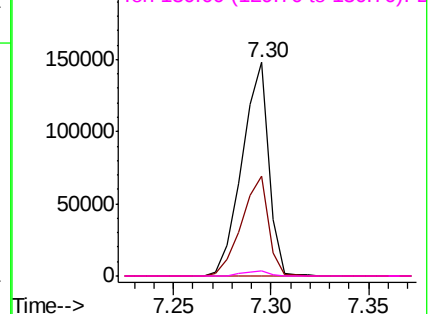
42 47.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 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

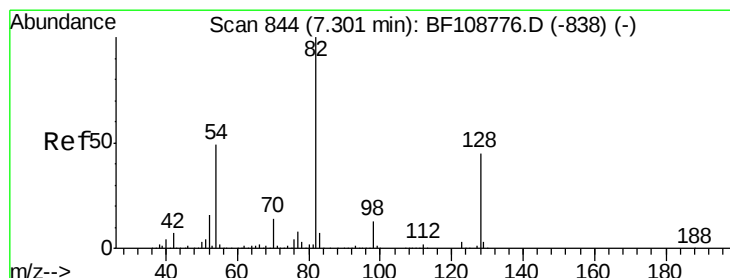
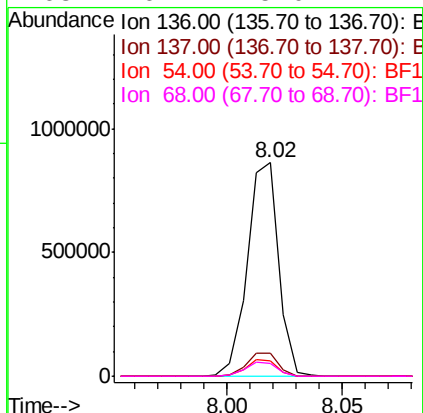
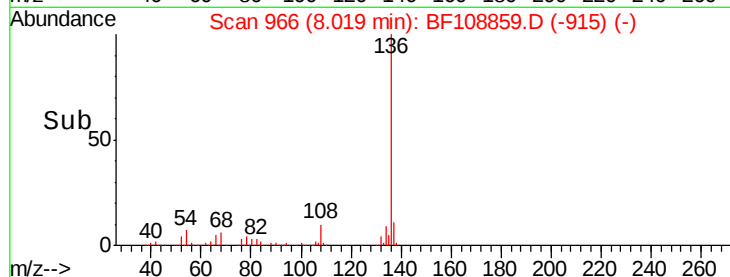
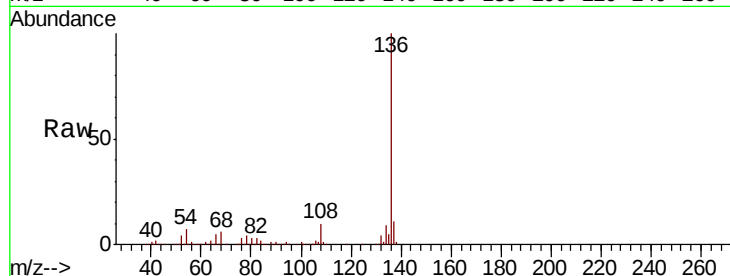




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

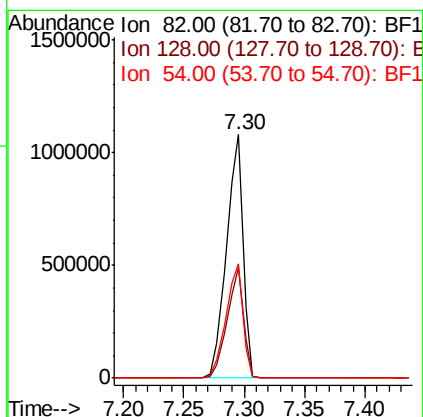
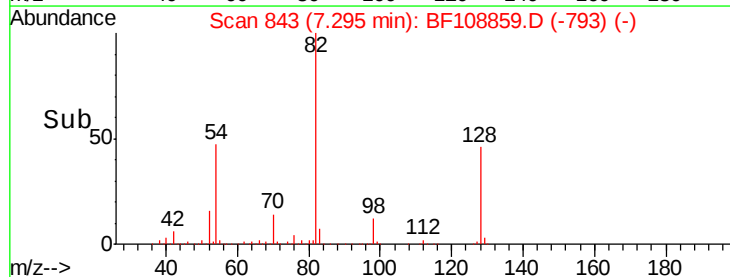
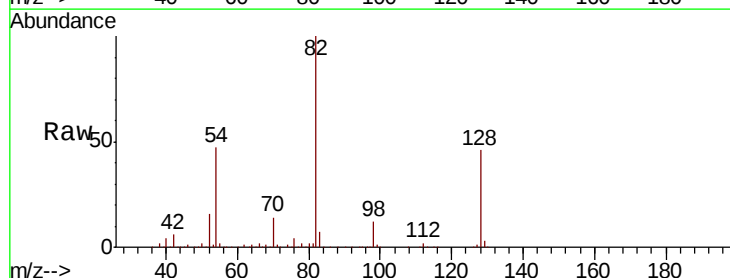
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	820143
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.2	6.6 9.8
68	6.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 78.894 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

Tgt Ion: 82	Resp:	1033930
Ion	Ratio	Lower Upper
82	100	
128	45.5	36.1 54.1
54	47.0	41.4 62.2





#25

Isophorone

Concen: 39.172 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108859.D

Acq: 7 Sep 2018 14:38

Instrument :

BNA_G

ClientSampleId :

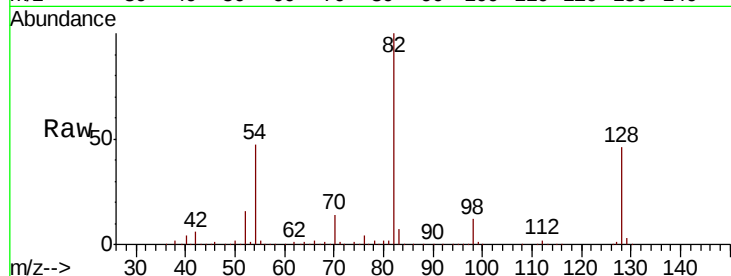
Tot Ion: 82 Resp: 1023991

Ion Ratio Lower Upper

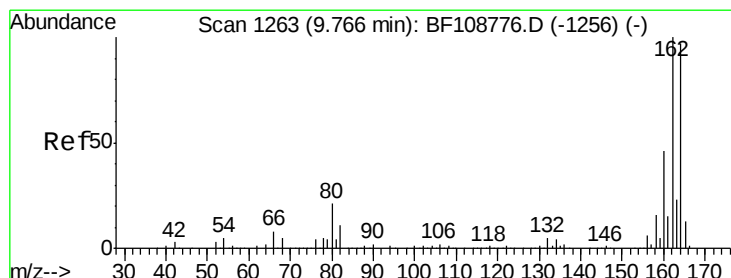
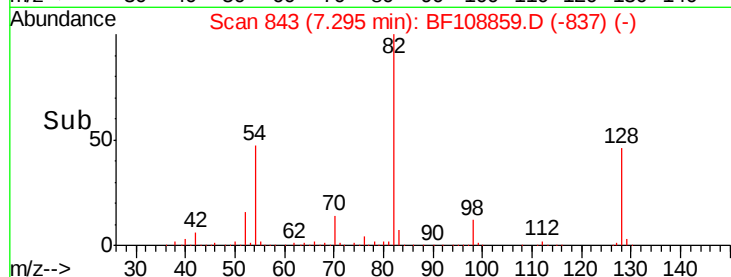
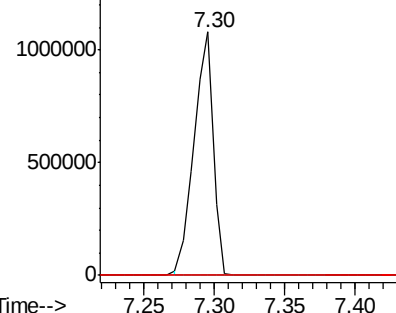
82 100

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: BF108859.D

Acq: 7 Sep 2018 14:38

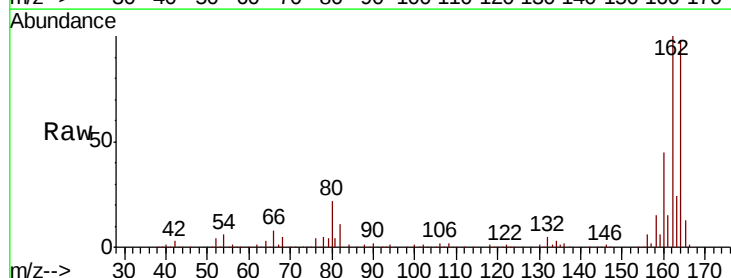
Tgt Ion:164 Resp: 401002

Ion Ratio Lower Upper

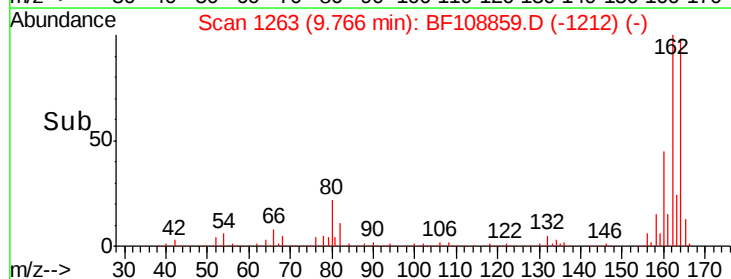
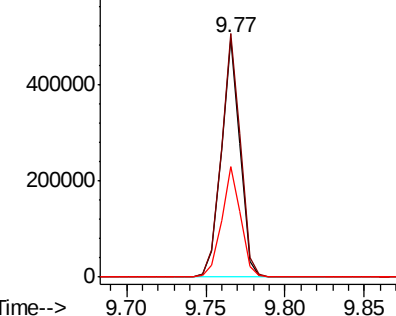
164 100

162 102.0 86.1 129.1

160 46.3 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

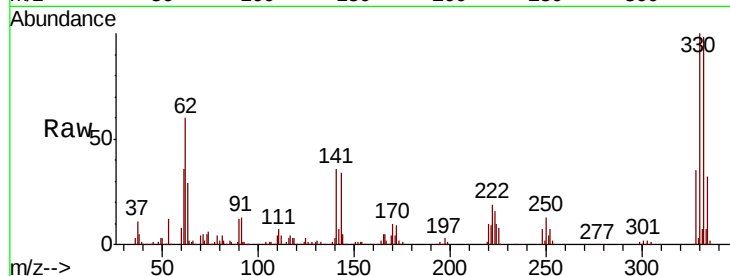




#41
 2,4,6-Tribromophenol
 Concen: 100.291 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108859.D
 Acq: 7 Sep 2018 14:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.9	29.9	44.9

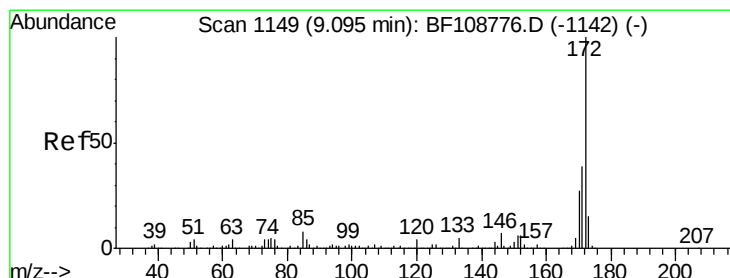
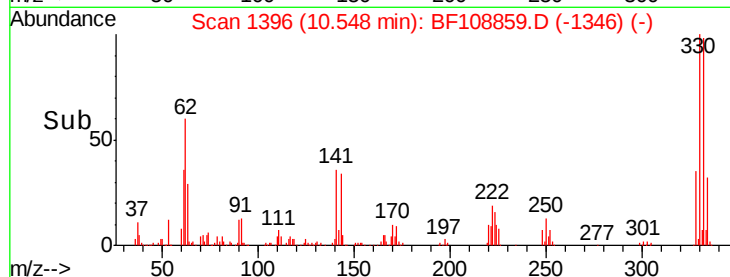
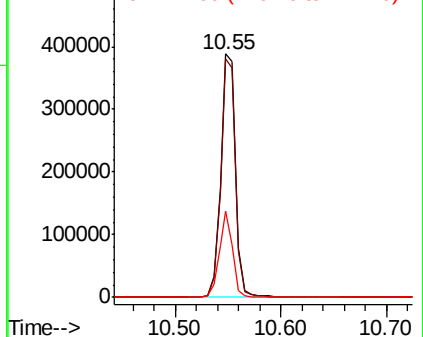


Abundance

Ion 329.80 (329.50 to 330.50): E

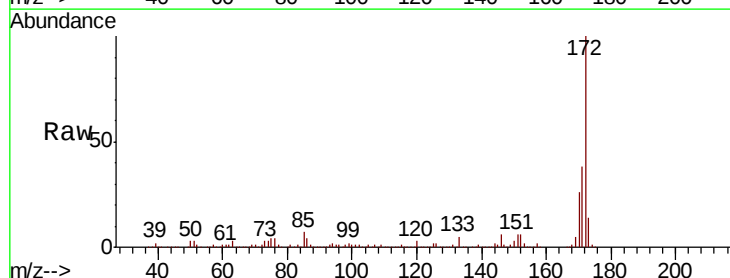
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.170 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108859.D
 Acq: 7 Sep 2018 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.6	19.6	29.4

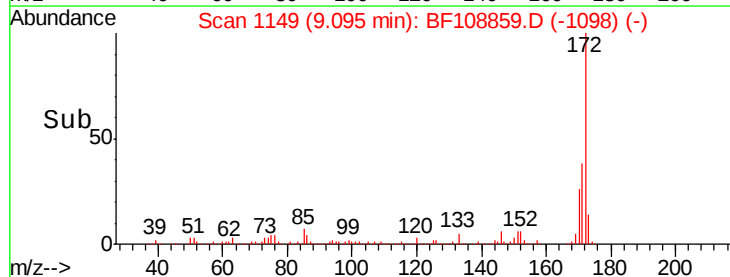
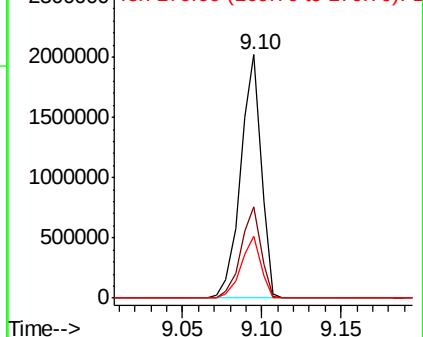


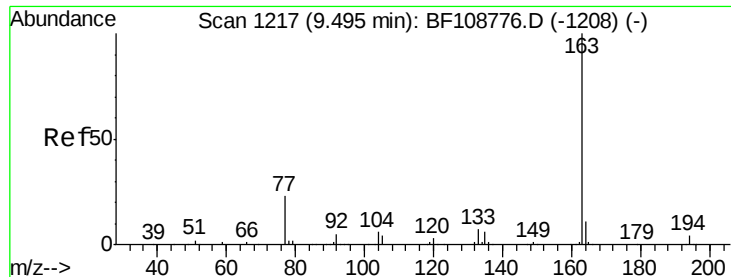
Abundance

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

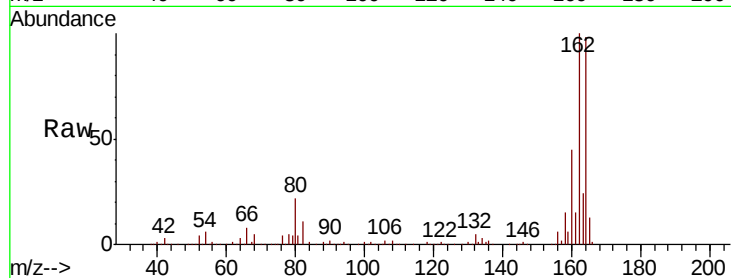




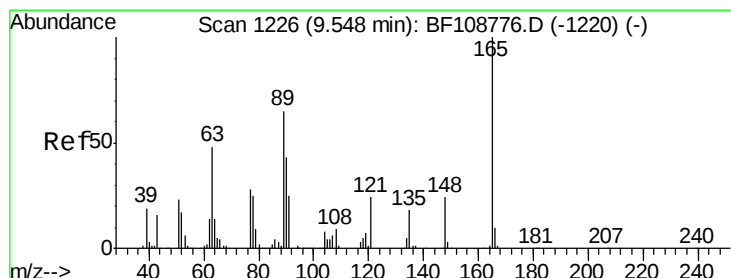
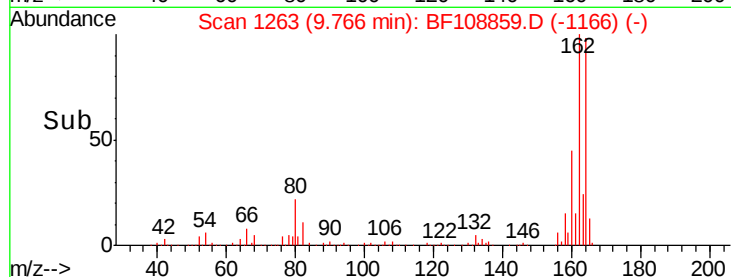
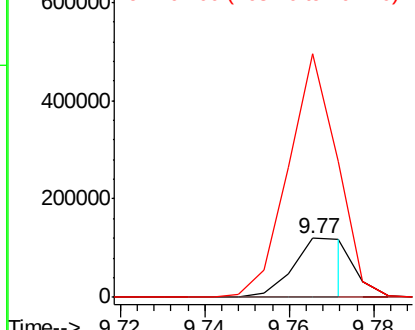
#49
Dimethylphthalate
Concen: 3.748 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.27 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 105111
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 411.1 8.2 12.2#

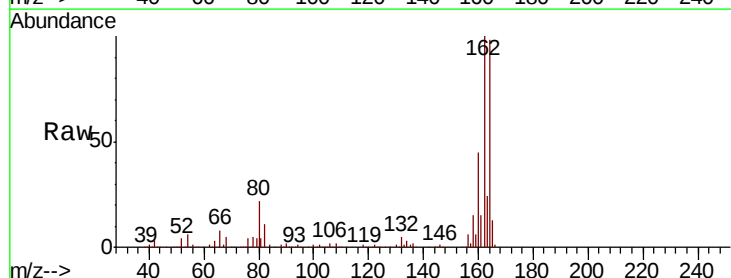


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

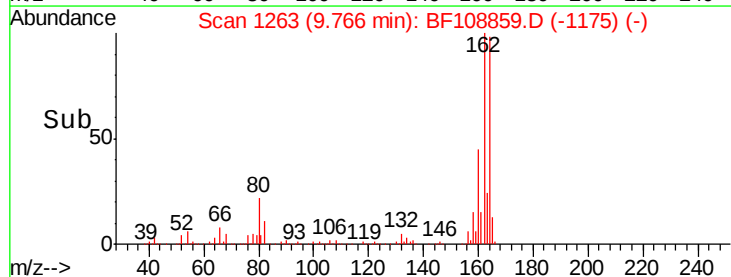
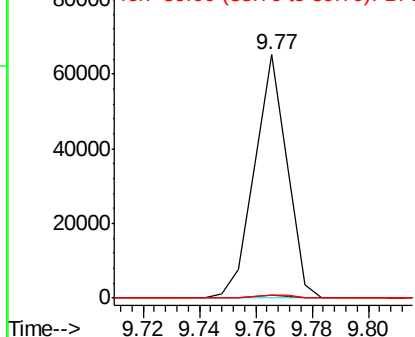


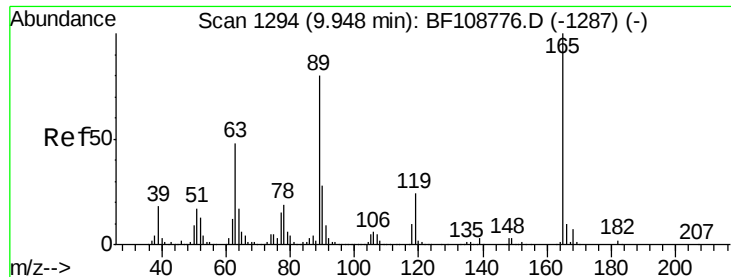
#50
2,6-Dinitrotoluene
Concen: 9.746 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

Tgt Ion:165 Resp: 52088
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.2 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

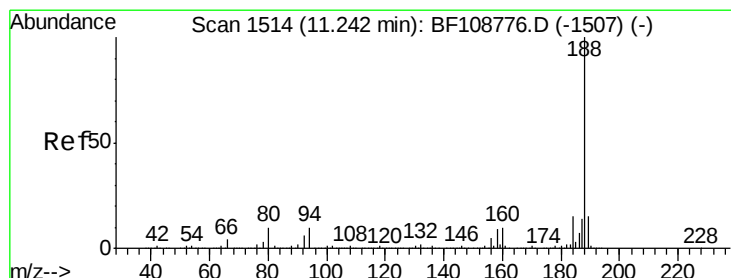
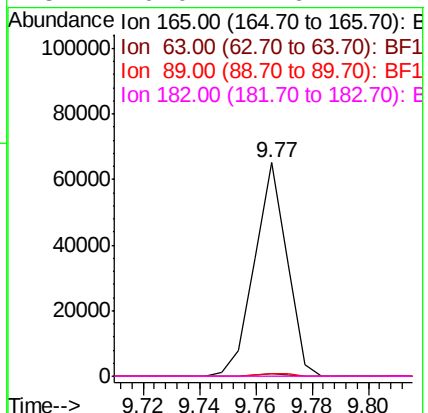
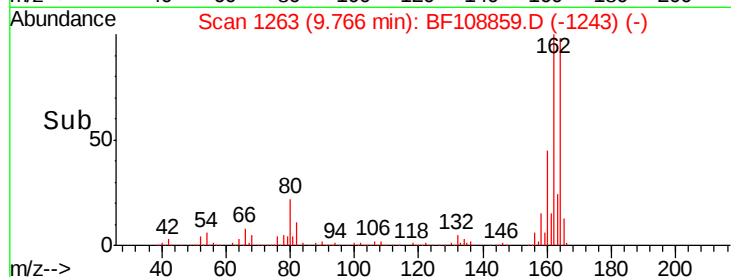
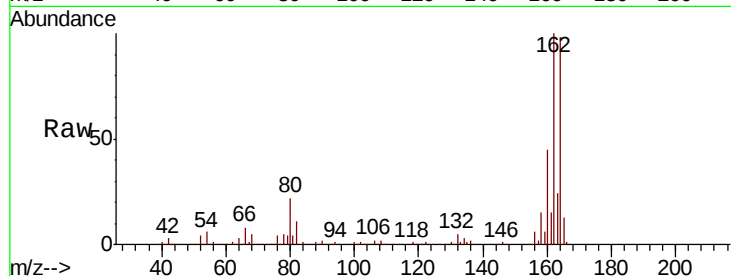




#56
2,4-Dinitrotoluene
Concen: 7.621 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

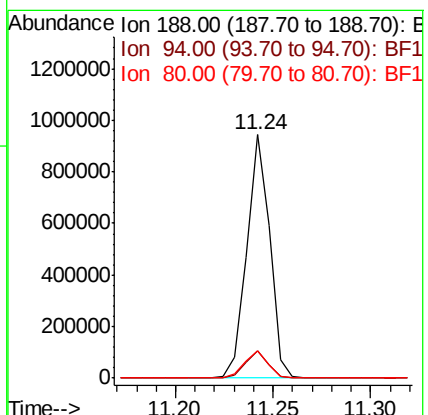
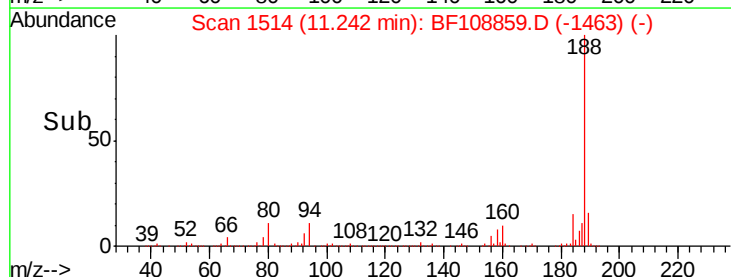
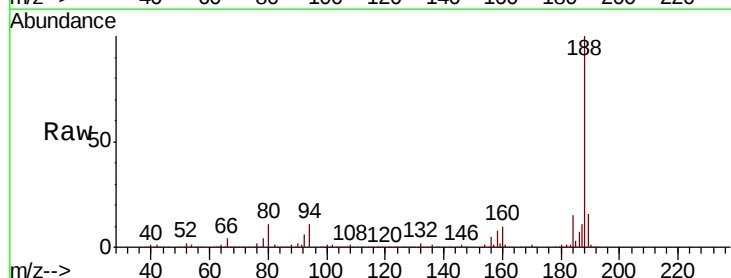
Instrument :
BNA_G
ClientSampleId :

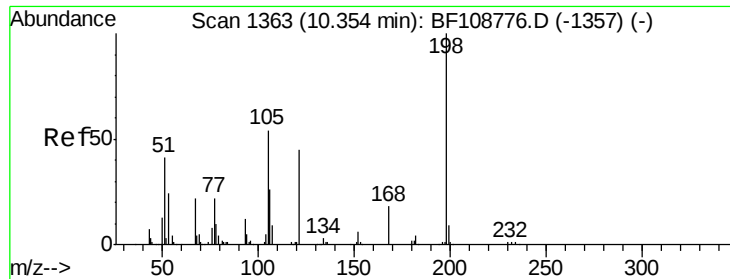
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.4	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.110 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108859.D

Acq: 7 Sep 2018 14:38

Instrument :

BNA_G

ClientSampleId :

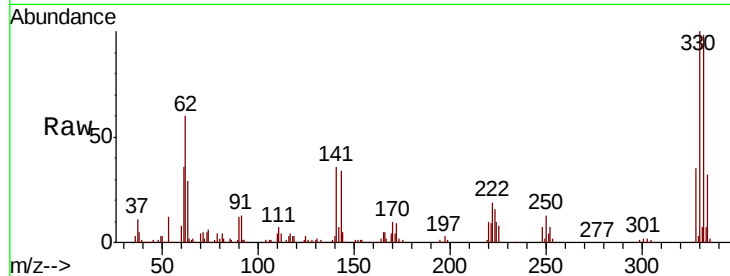
Tot Ion:198 Resp: 851

Ion Ratio Lower Upper

198 100

51 141.5 37.7 77.7#

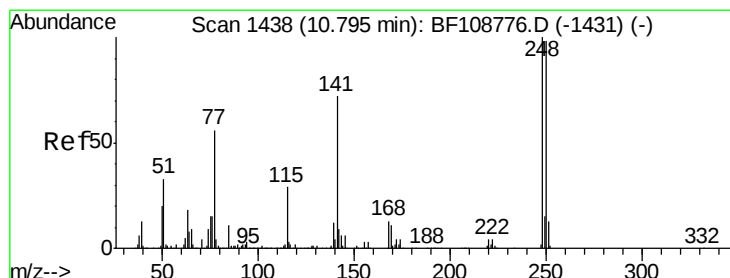
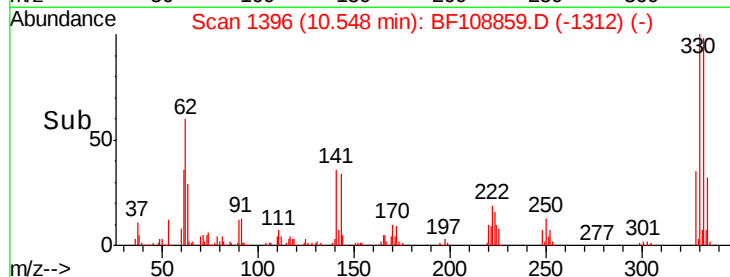
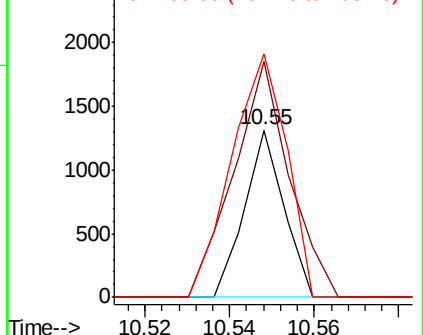
105 145.8 36.3 76.3#



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: 2.689 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.25 min

Lab File: BF108859.D

Acq: 7 Sep 2018 14:38

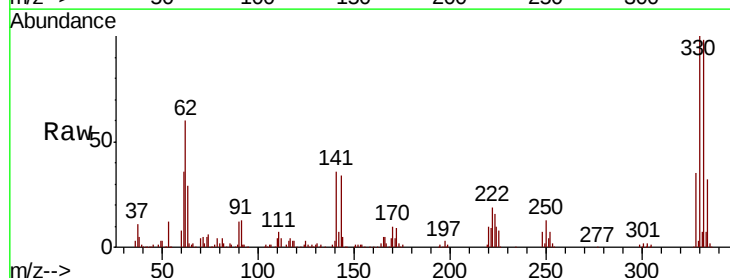
Tgt Ion:248 Resp: 23326

Ion Ratio Lower Upper

248 100

250 195.2 76.9 115.3#

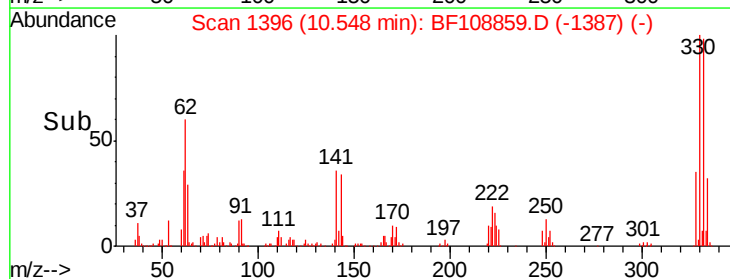
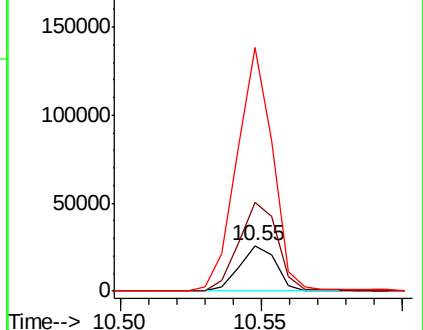
141 537.7 74.4 111.6#

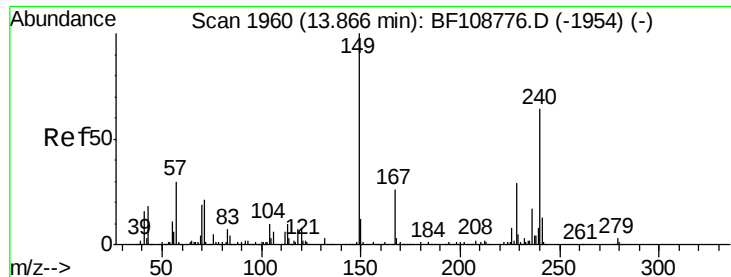


Abundance Ion 248.00 (247.70 to 248.70): E

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# 1960

Delta R.T. -0.00 min

Lab File: BF108859.D

Acq: 7 Sep 2018 14:38

Instrument :

BNA_G

ClientSampleId :

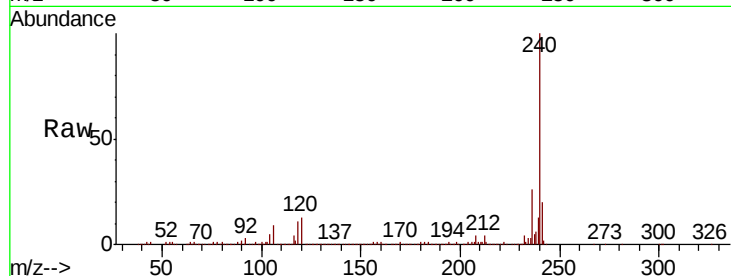
Tot Ion:240 Resp: 550379

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

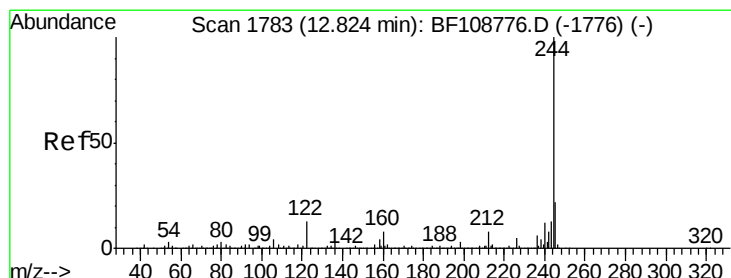
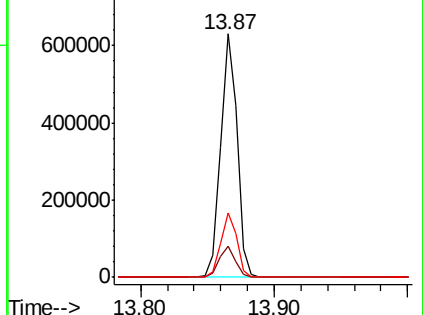
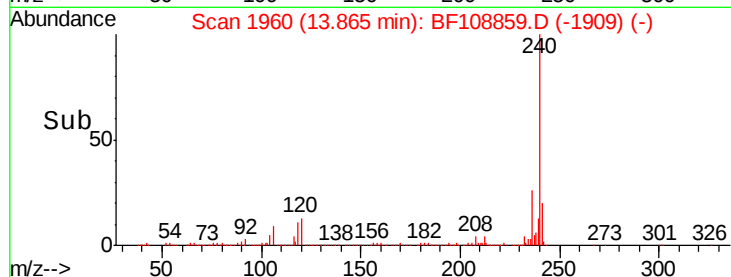
236 26.4 20.7 31.1



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: 78.028 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108859.D

Acq: 7 Sep 2018 14:38

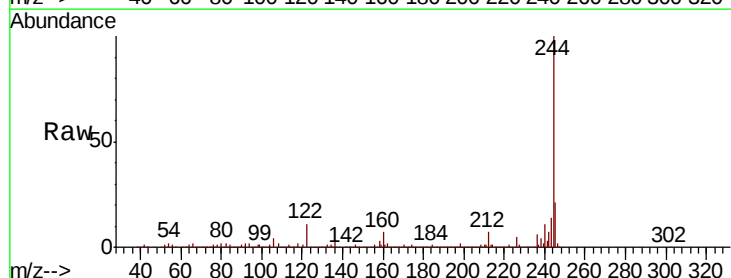
Tgt Ion:244 Resp: 1841622

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

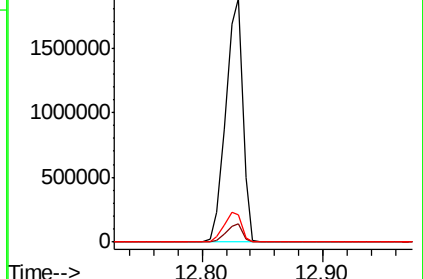
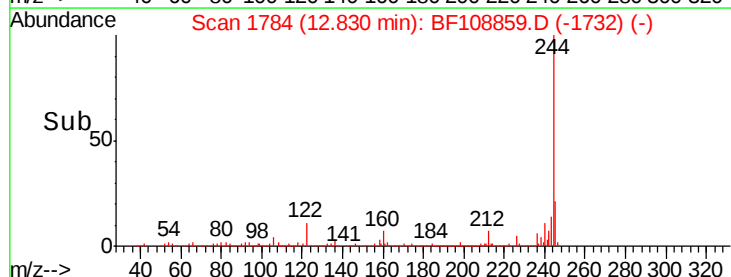
122 11.3 11.0 16.4

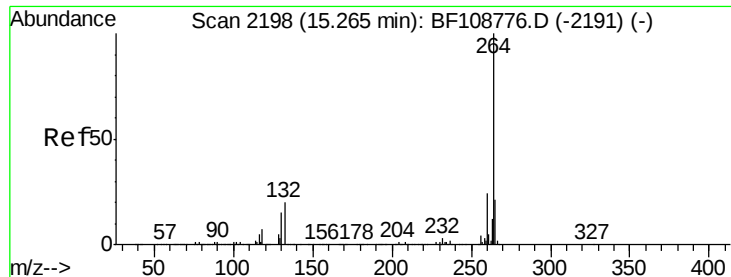


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108859.D
Acq: 7 Sep 2018 14:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3

