

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108851.D
 Acq On : 7 Sep 2018 11:01
 Operator : JU/SJ
 Sample : PB112638BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 13:19:05 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	295265	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1129870	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	563816	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1112390	20.00	ng	0.00
75) Chrysene-d12	13.87	240	975872	20.00	ng	0.00
86) Perylene-d12	15.28	264	822551	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1696300	95.18	ng	0.02
7) Phenol-d6	6.37	99	2239520	97.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1399577	77.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	615856	114.42	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2391419	72.36	ng	0.00
78) Terphenyl-d14	12.83	244	2618527	62.57	ng	0.00

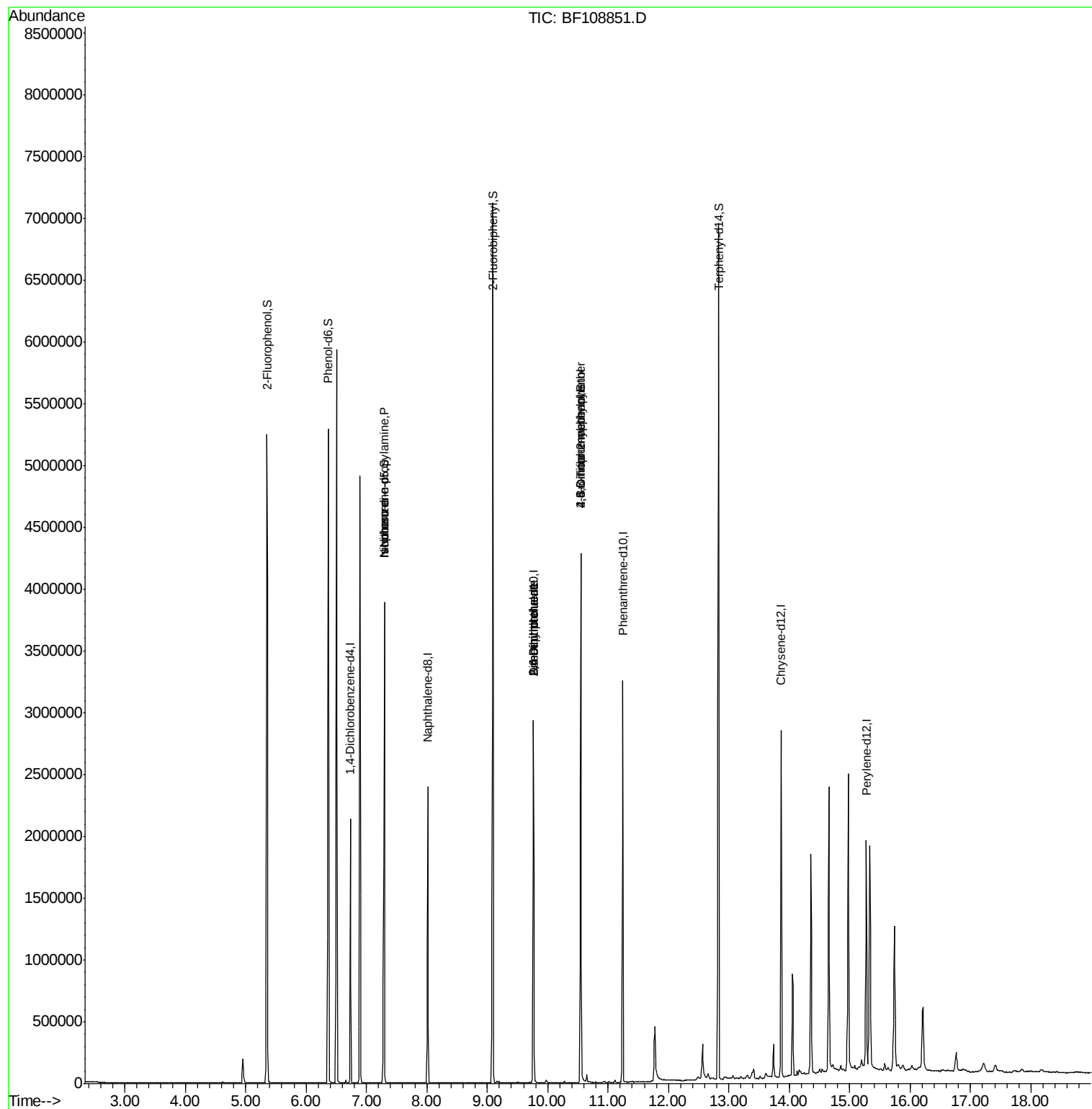
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	191267	11.999	ng	# 77
25) Isophorone	7.30	82	1394617	38.725	ng	# 64
49) Dimethylphthalate	9.77	163	153017	3.880	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	73360	9.763	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	73360	7.634	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	1390	7.141	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	37593	2.992	ng	# 1

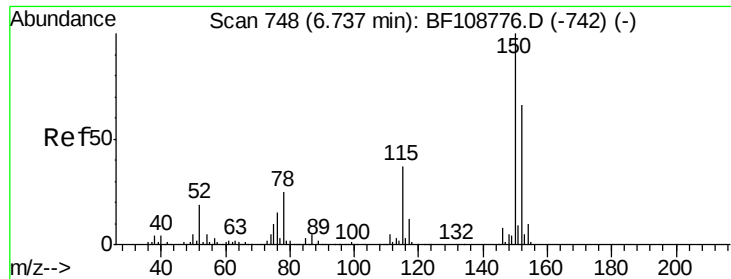
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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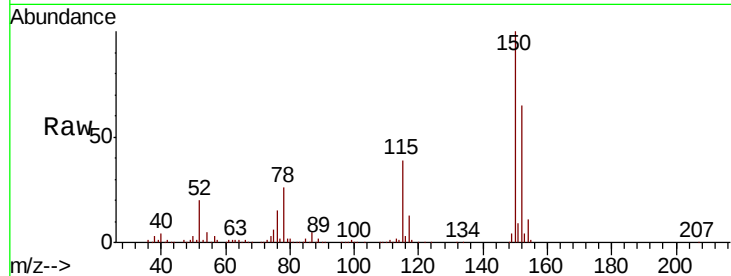


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.7	50.1	75.1

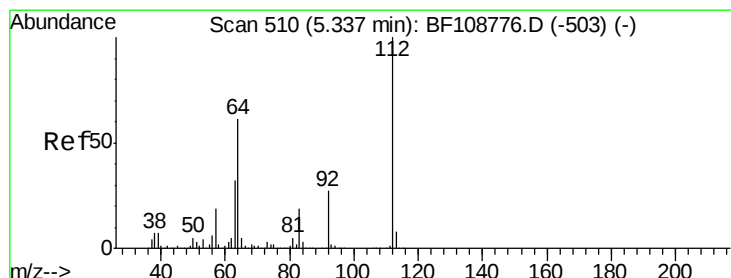
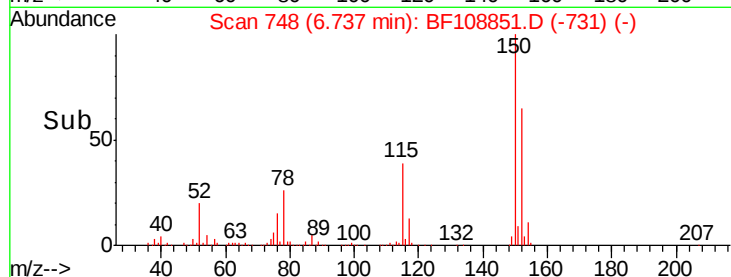
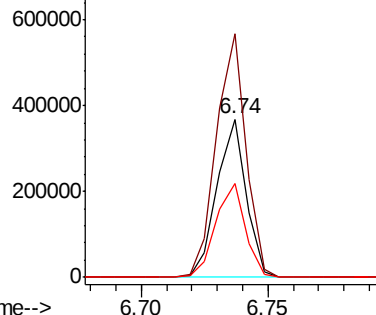


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

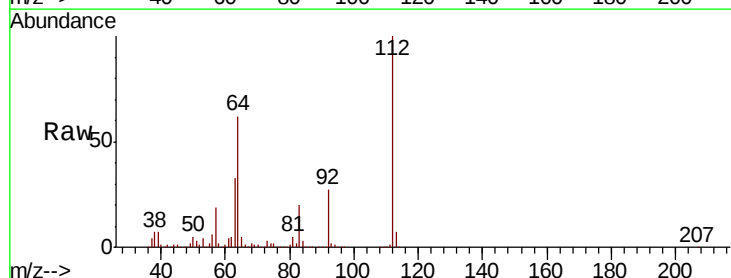
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.176 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	32.8	23.7	35.5

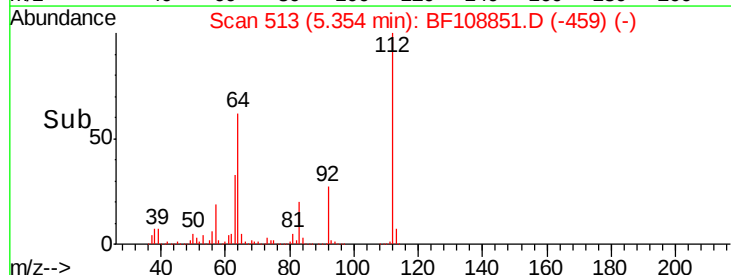
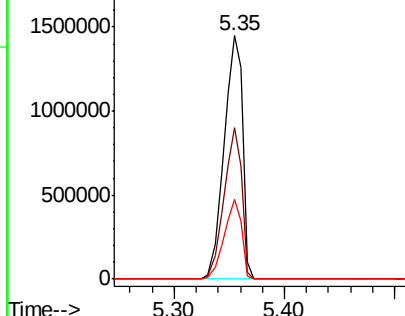


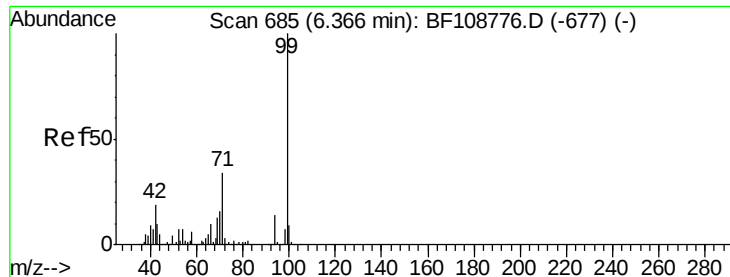
Abundance

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: 97.660 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

Instrument :

BNA_G

ClientSampled :

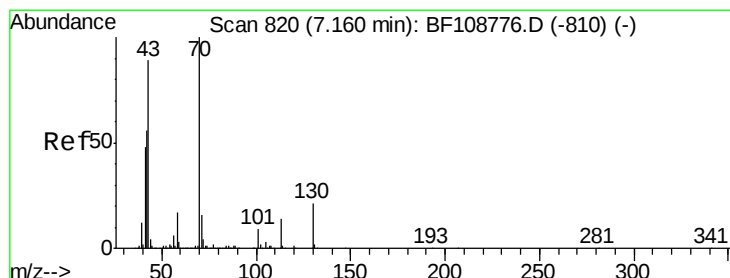
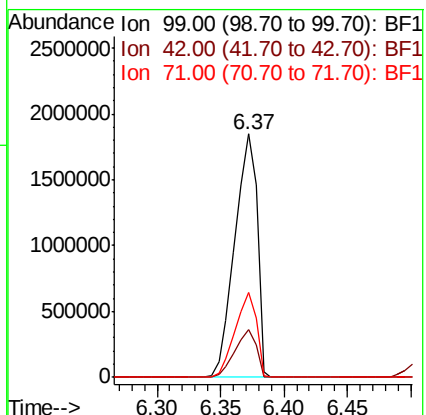
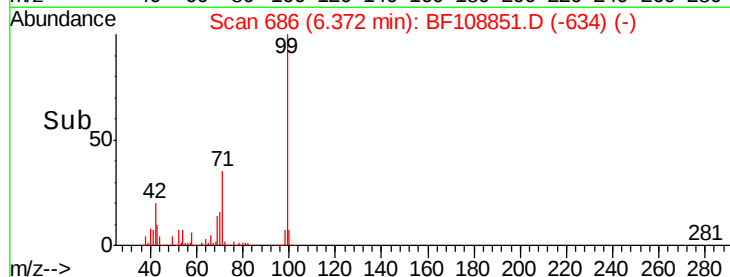
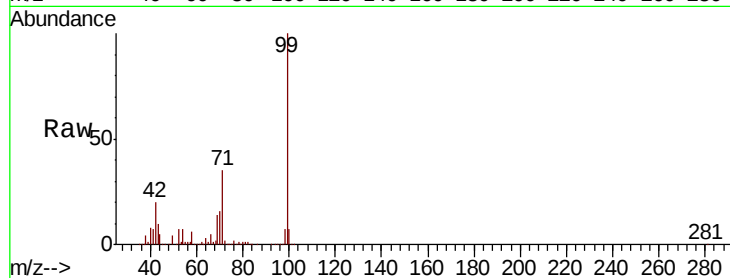
Tot Ion: 99 Resp: 2239520

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 34.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.999 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

Tgt Ion: 70 Resp: 191267

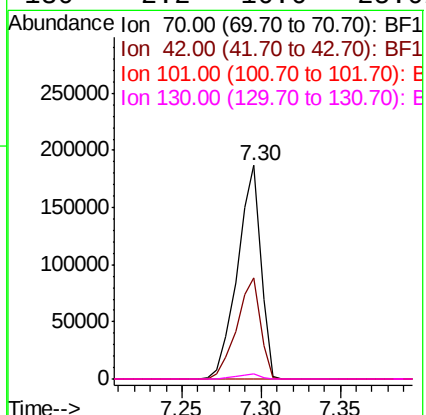
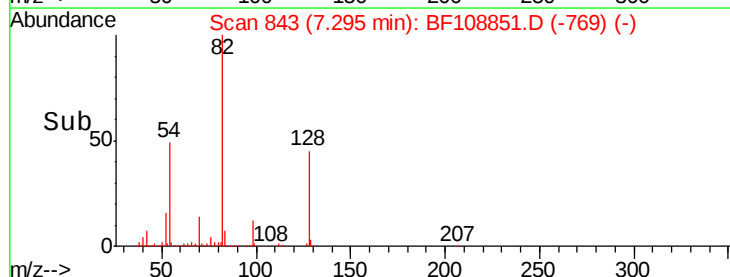
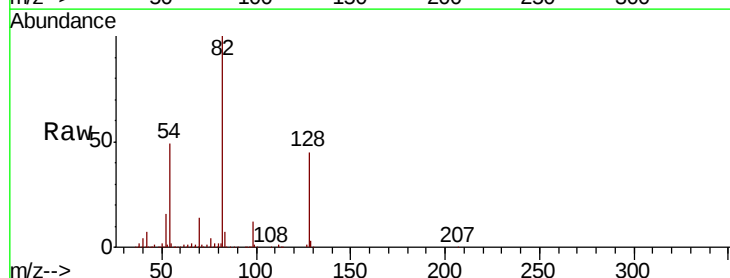
Ion Ratio Lower Upper

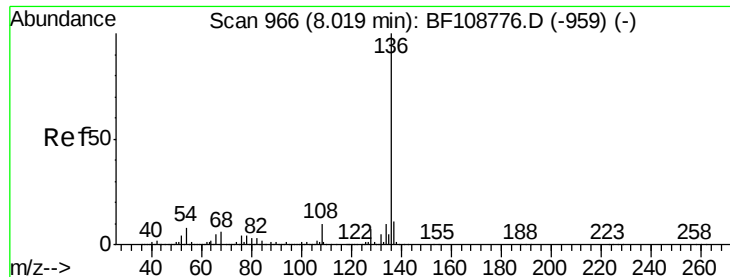
70 100

42 47.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 1129870

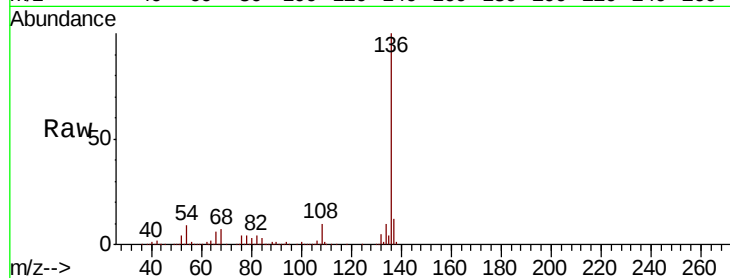
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.6 6.6 9.8

68 7.1 5.0 7.4

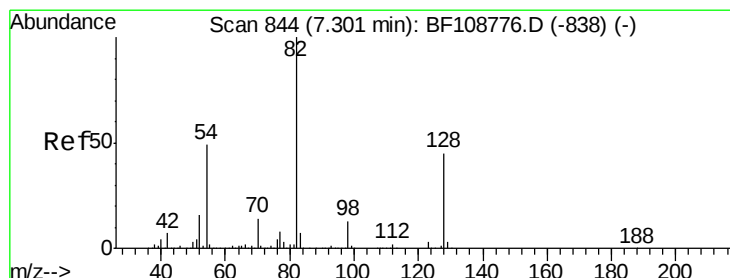
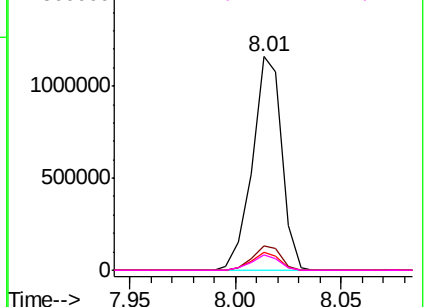
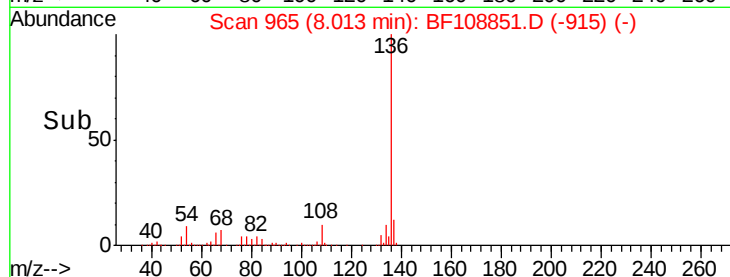


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.519 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

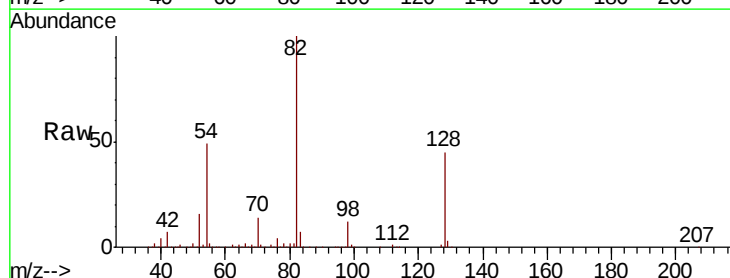
Tgt Ion: 82 Resp: 1399577

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

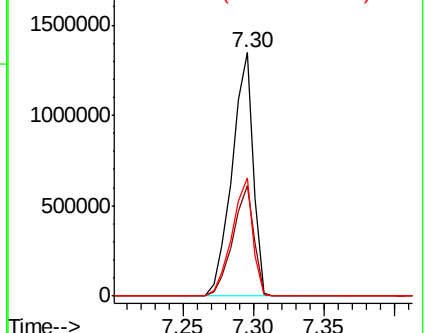
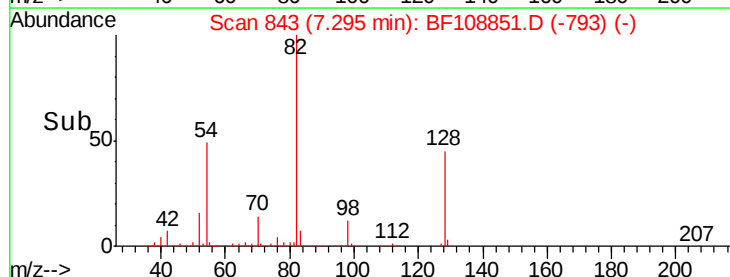
54 48.7 41.4 62.2

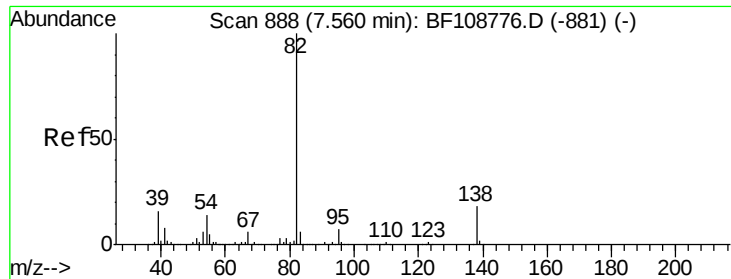


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.725 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

Instrument :

BNA_G

ClientSampleId :

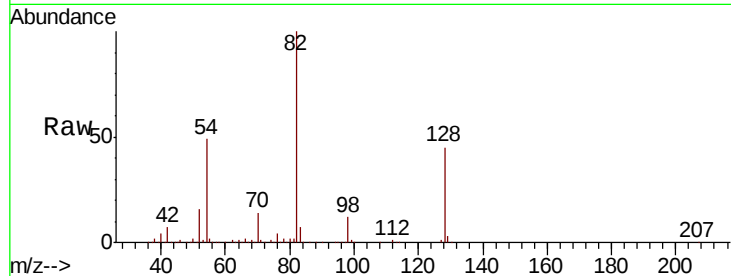
Tot Ion: 82 Resp: 1394617

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

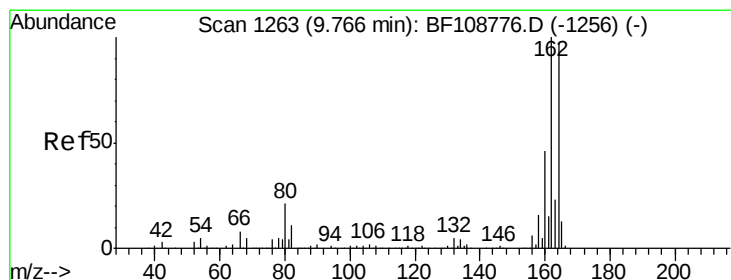
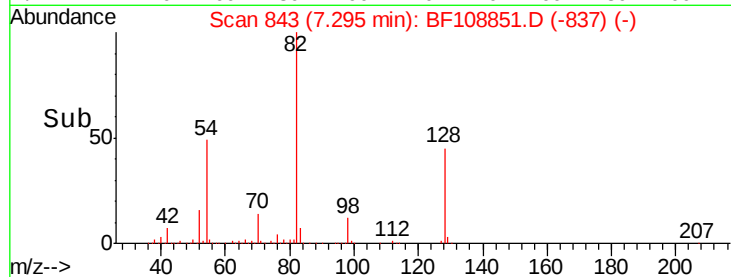
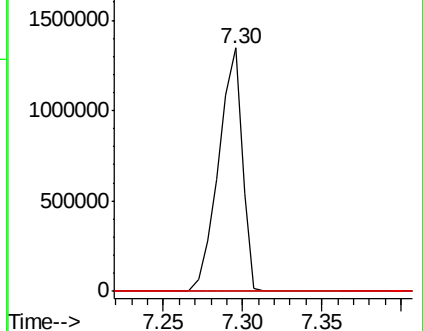
138 0.0 14.9 22.3#



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: BF108851.D

Acq: 7 Sep 2018 11:01

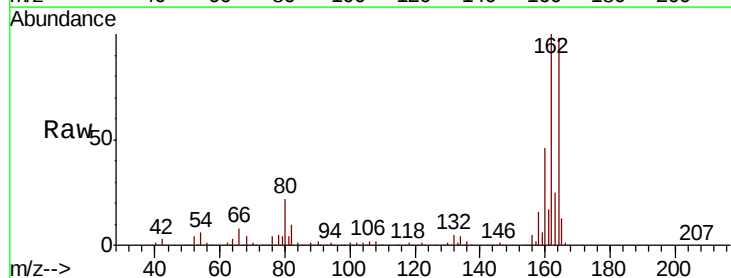
Tgt Ion:164 Resp: 563816

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

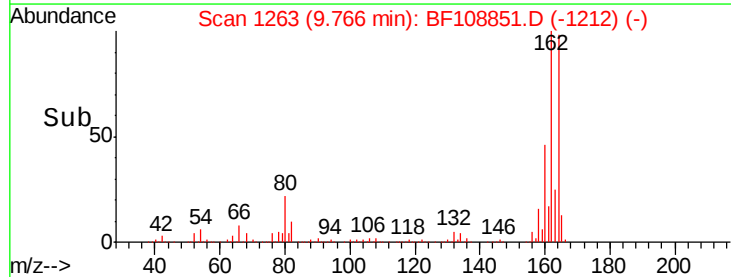
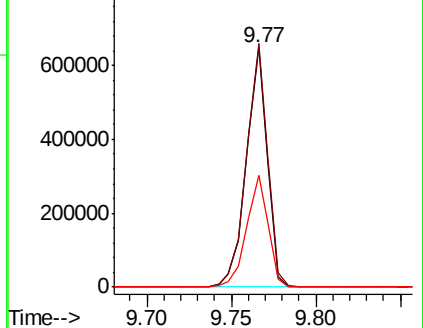
160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

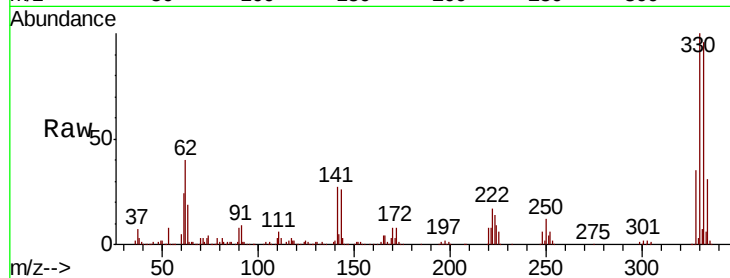




#41
 2,4,6-Tribromophenol
 Concen: 114.419 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.6	29.9	44.9

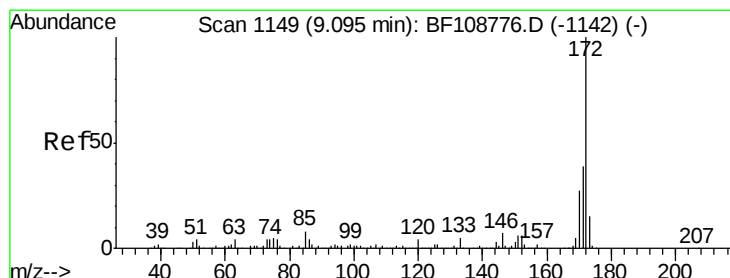
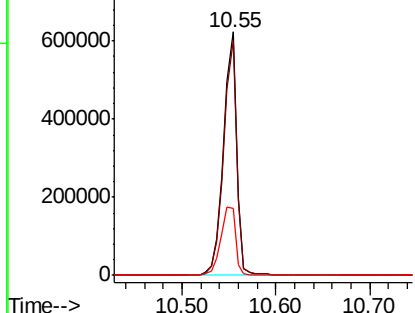
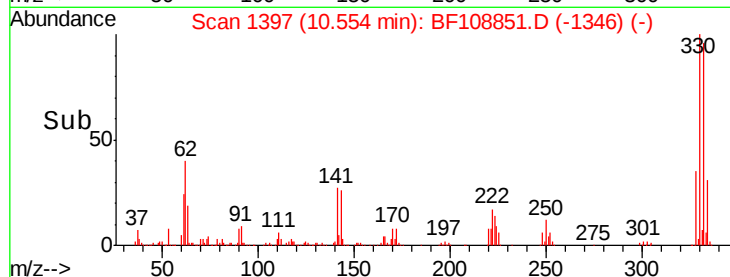


Abundance

Ion 329.80 (329.50 to 330.50): E

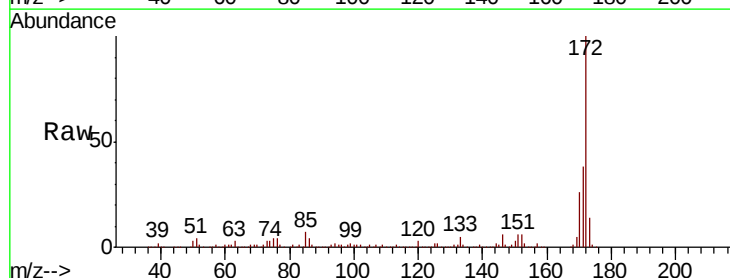
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.359 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	26.2	19.6	29.4

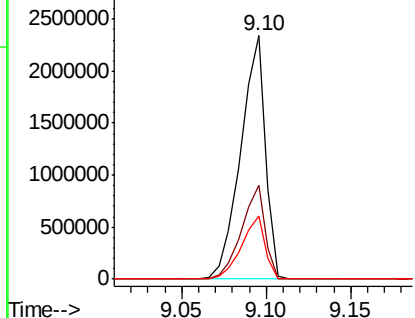
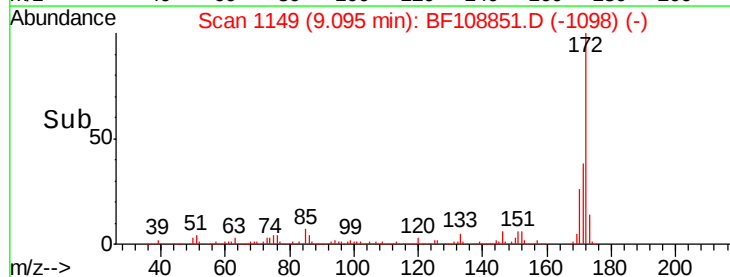


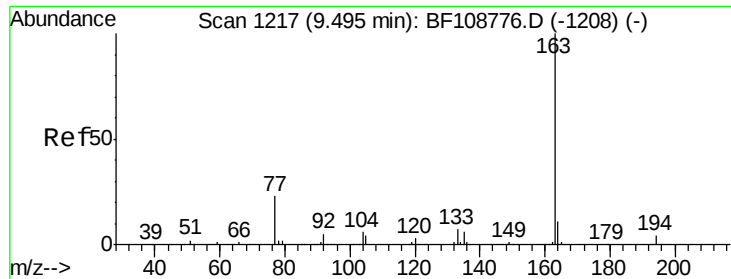
Abundance

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

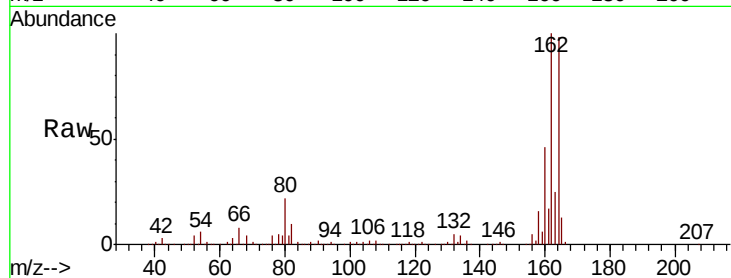




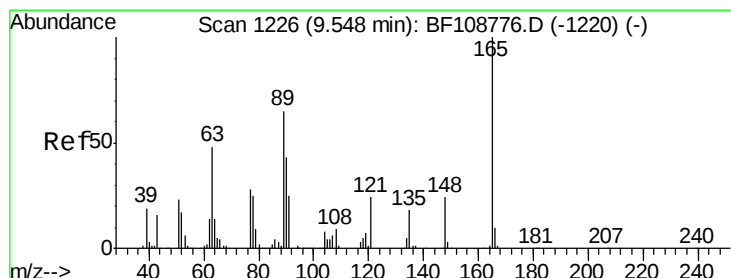
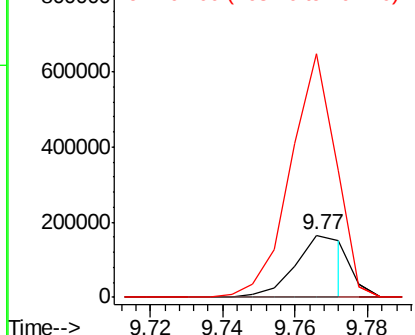
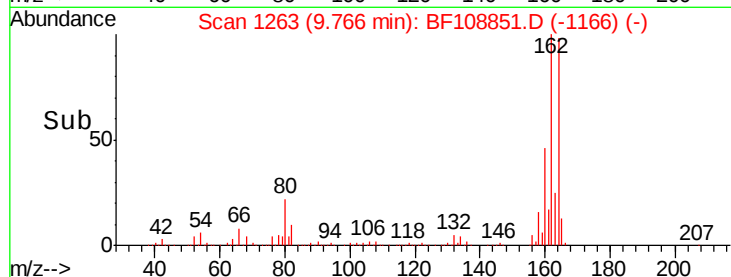
#49
Dimethylphthalate
Concen: 3.880 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.27 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 153017
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 392.2 8.2 12.2#

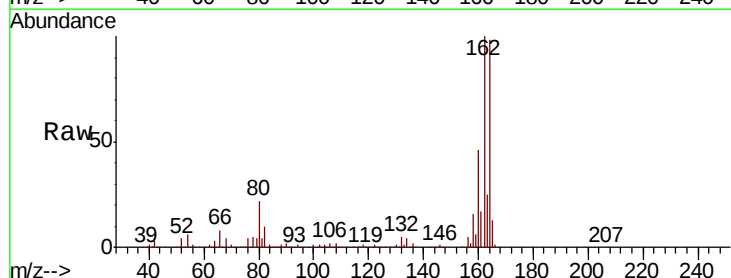


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

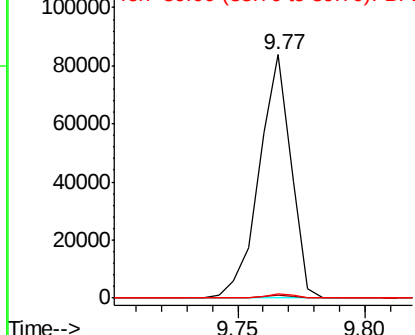
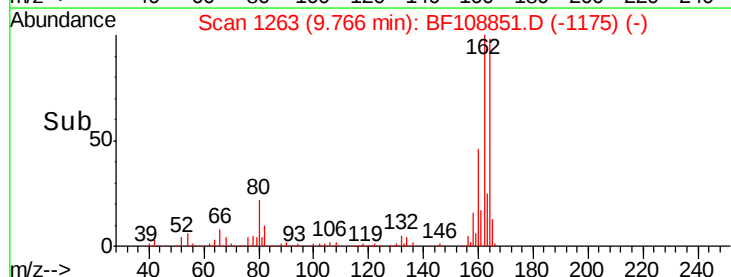


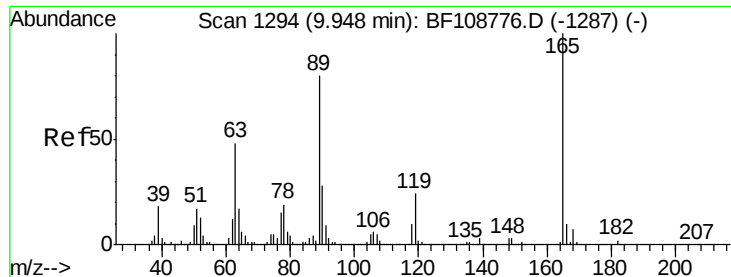
#50
2,6-Dinitrotoluene
Concen: 9.763 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:165 Resp: 73360
Ion Ratio Lower Upper
165 100
63 1.2 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

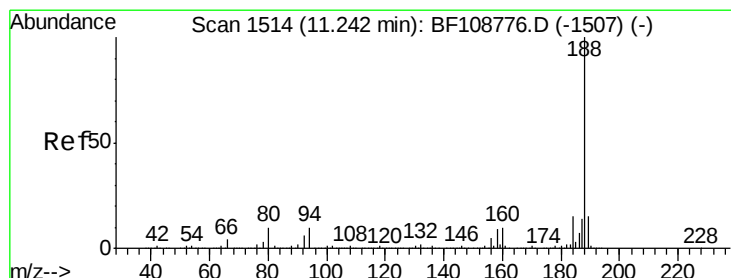
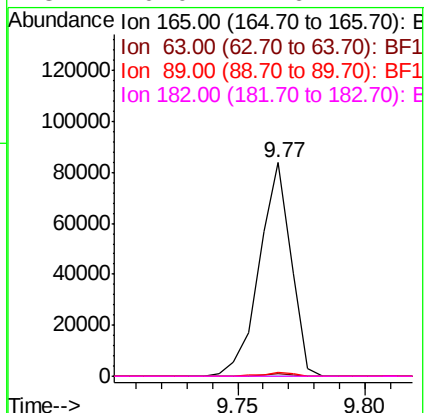
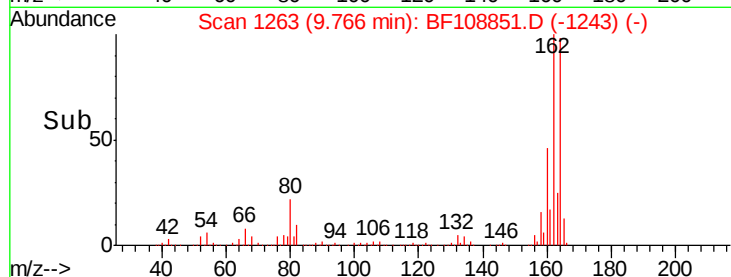
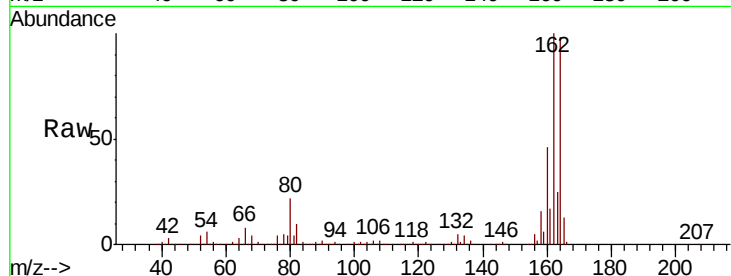




#56
 2,4-Dinitrotoluene
 Concen: 7.634 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

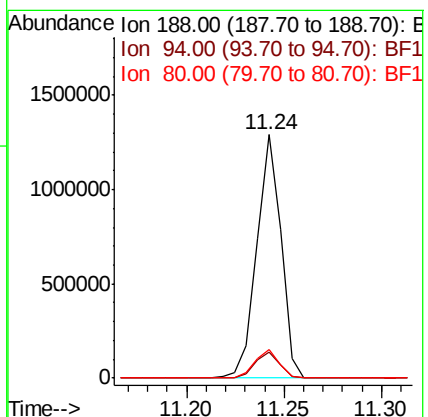
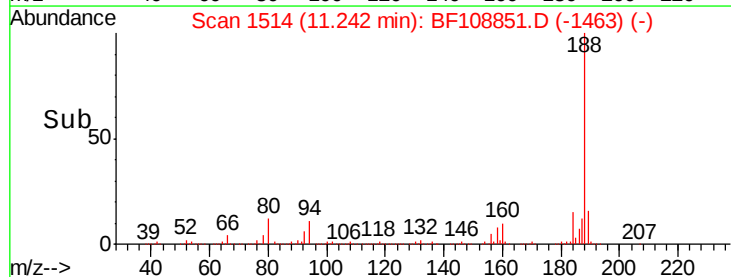
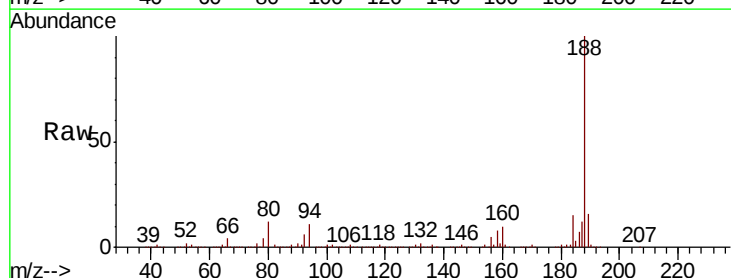
Instrument :
 BNA_G
 ClientSampleId :

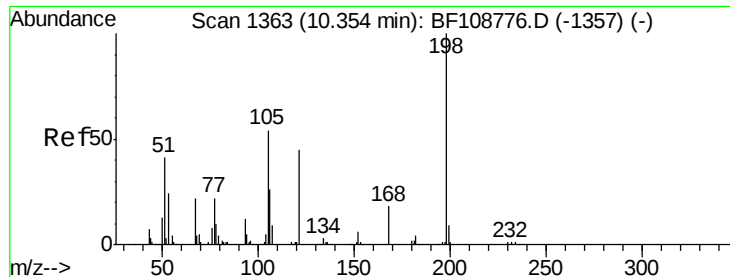
Tot Ion:165 Resp: 73360
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

Tgt Ion:188 Resp: 1112390
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.7 9.2 13.8

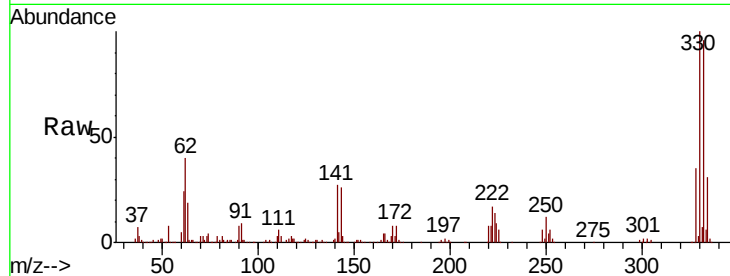




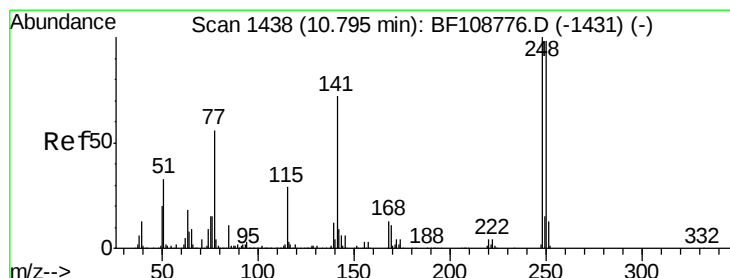
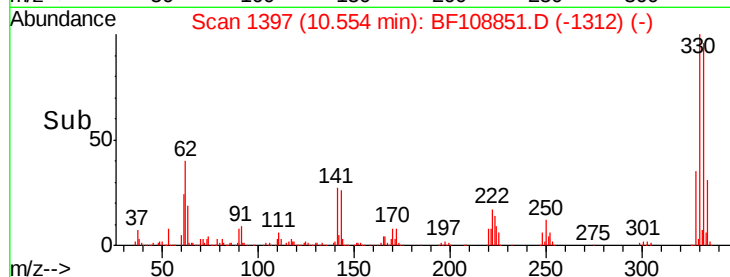
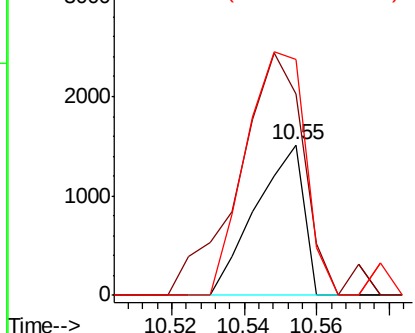
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.141 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 1390
 Ion Ratio Lower Upper
 198 100
 51 134.1 37.7 77.7#
 105 157.1 36.3 76.3#

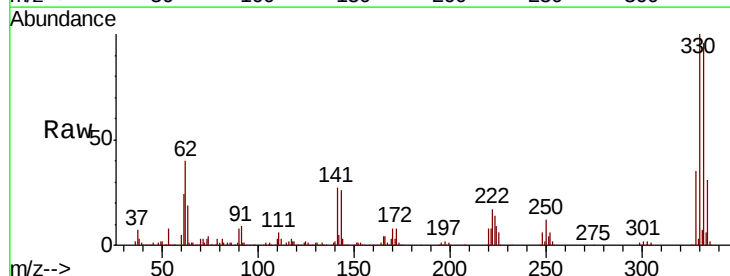


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

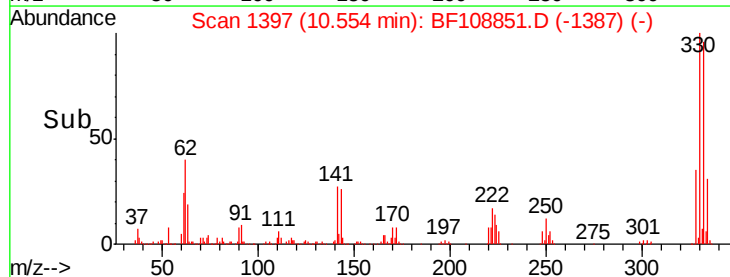
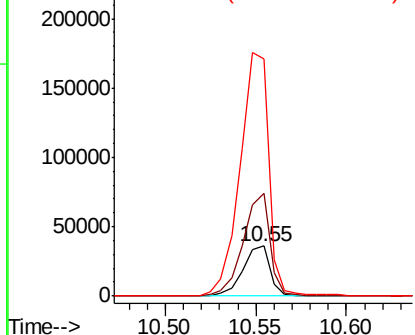


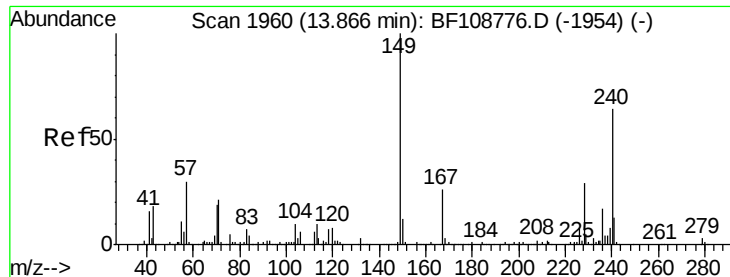
#66
 4-Bromophenyl-phenylether
 Concen: 2.992 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.24 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

Tgt Ion:248 Resp: 37593
 Ion Ratio Lower Upper
 248 100
 250 205.4 76.9 115.3#
 141 471.1 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: BF108851.D

Acq: 7 Sep 2018 11:01

Instrument :

BNA_G

ClientSampled :

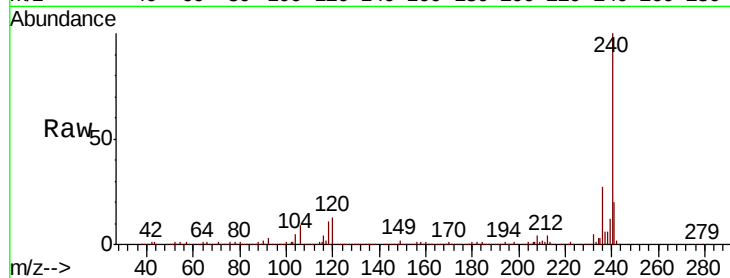
Tot Ion:240 Resp: 975872

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

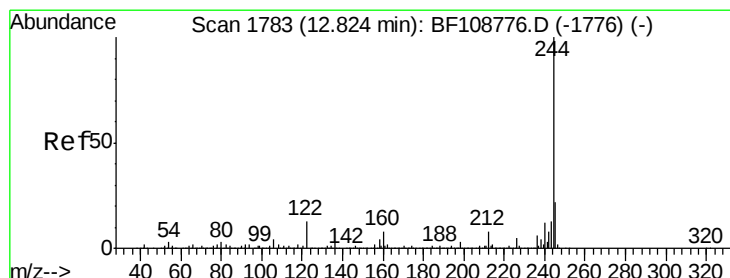
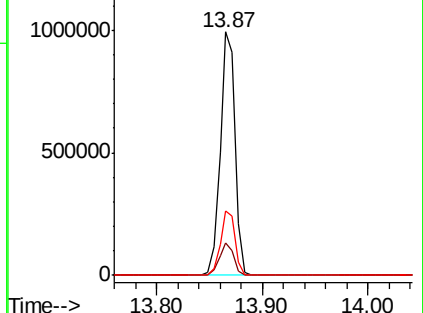
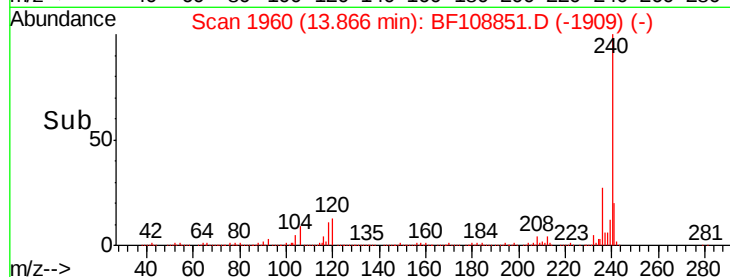
236 26.6 20.7 31.1



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: 62.571 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

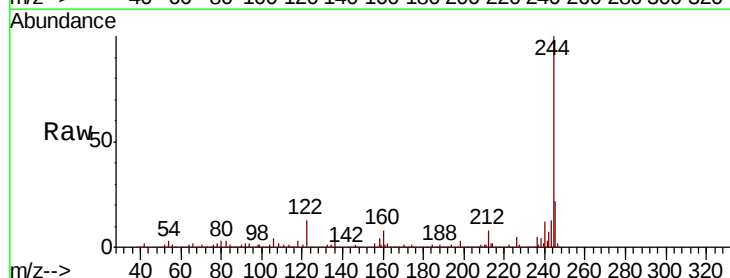
Tgt Ion:244 Resp: 2618527

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

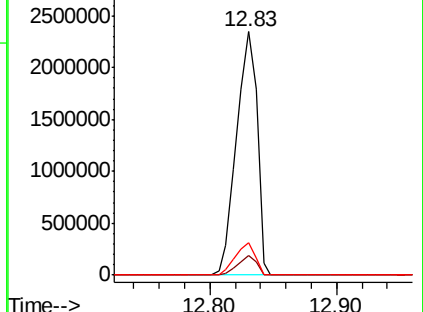
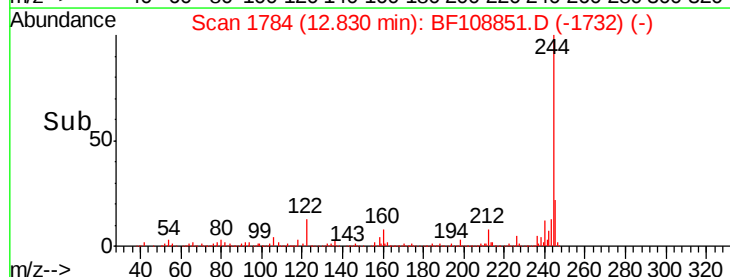
122 13.2 11.0 16.4

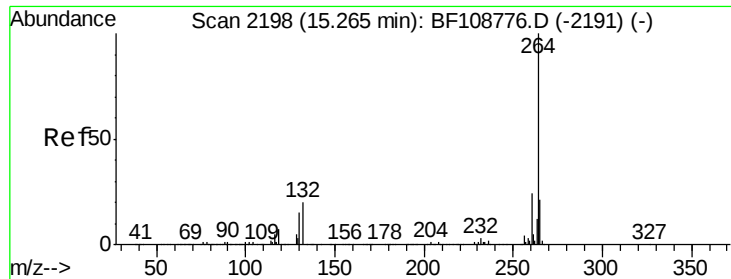


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3

