

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103358.D
 Acq On : 2 Mar 2018 11:32
 Operator : SJ/JU
 Sample : PB106964BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BL

Quant Time: Mar 02 13:30:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139029	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	576374	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263486	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	469826	20.00	ng	0.00
75) Chrysene-d12	14.06	240	341375	20.00	ng	0.00
86) Perylene-d12	15.57	264	255899	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	989803	107.68	ng	0.01
7) Phenol-d6	6.51	99	1186152	105.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	782776	77.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	199926	89.64	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1213636	77.74	ng	0.00
78) Terphenyl-d14	13.00	244	1084590	76.37	ng	0.00

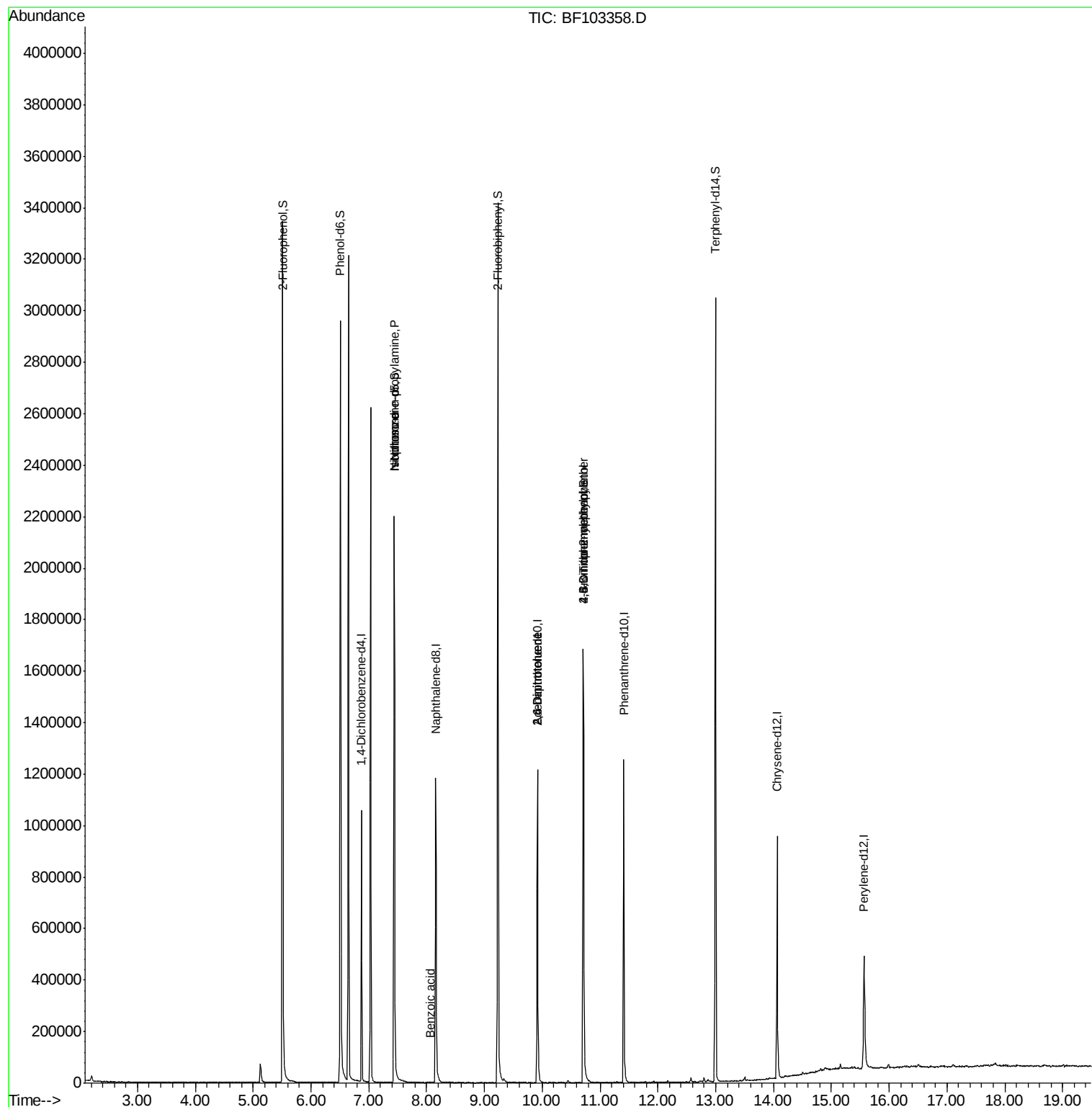
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	1805	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.44	70	103271	14.752	ng	# 82
25) Isophorone	7.44	82	782771	39.380	ng	# 64
32) Benzoic acid	8.06	122	140	6.934	ng	# 89
50) 2,6-Dinitrotoluene	9.92	165	33202	7.485	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	33202	5.918	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	701	5.165	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	13596	2.778	ng	# 1

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

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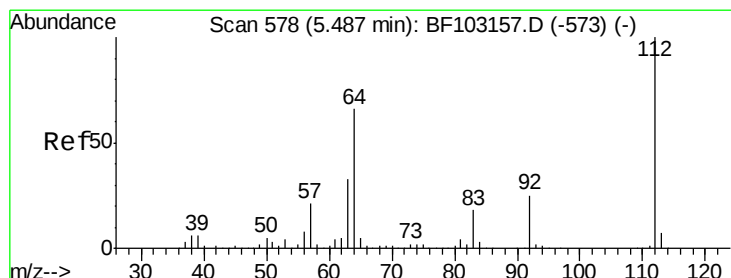
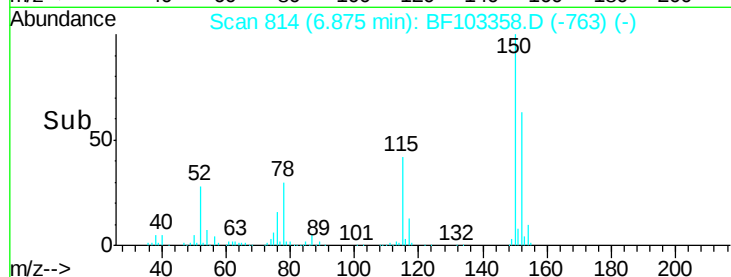
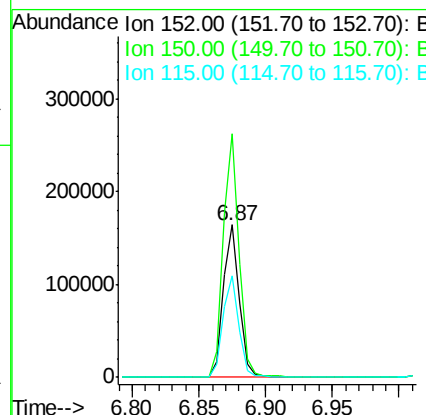
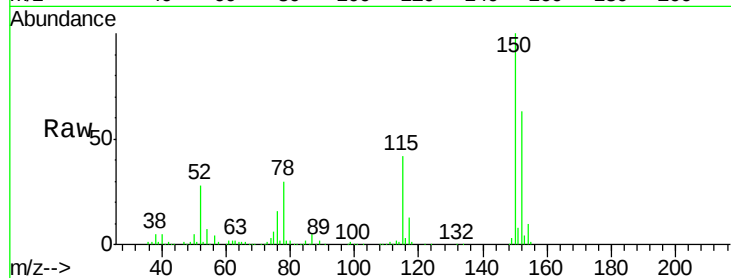


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF103358.D
 Acq: 2 Mar 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BL

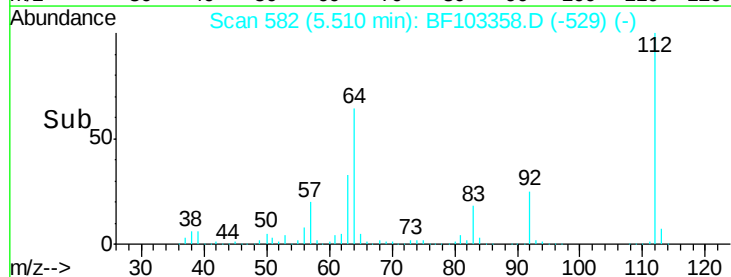
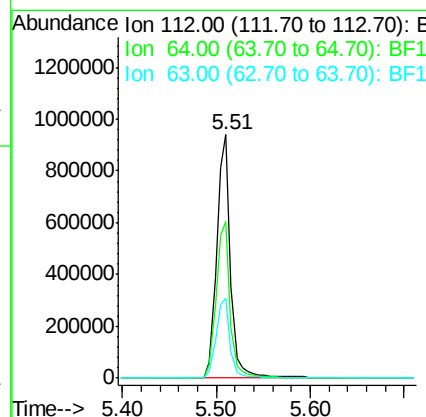
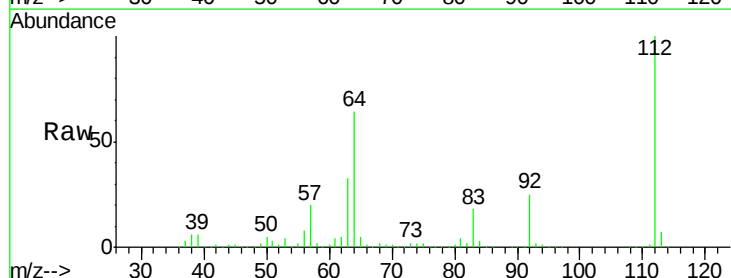
Tot Ion	152	Resp	139029
Ion Ratio	Lower	Upper	
152	100		
150	160.0	124.6	186.8
115	66.8	50.1	75.1

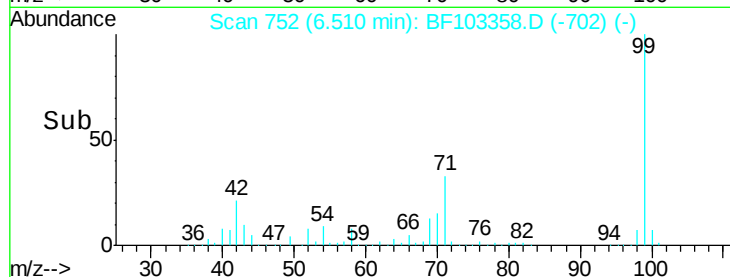
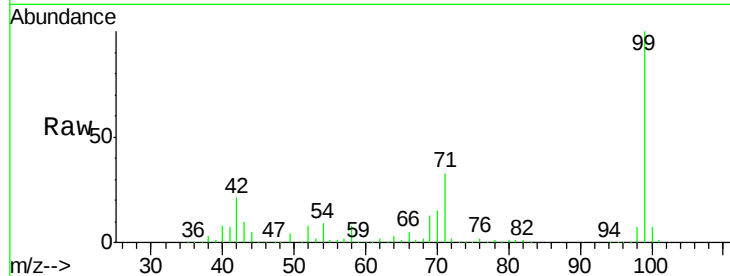
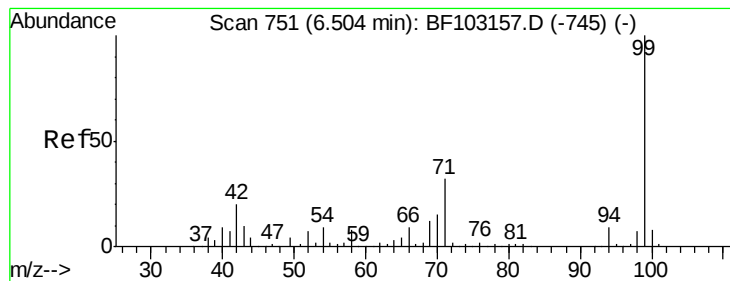


#5

2-Fluorophenol
 Concen: 107.676 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF103358.D
 Acq: 2 Mar 2018 11:32

Tgt Ion	112	Resp	989803
Ion Ratio	Lower	Upper	
112	100		
64	64.2	47.9	71.9
63	32.7	23.7	35.5





#7

Phenol-d6

Concen: 105.451 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB106964BL

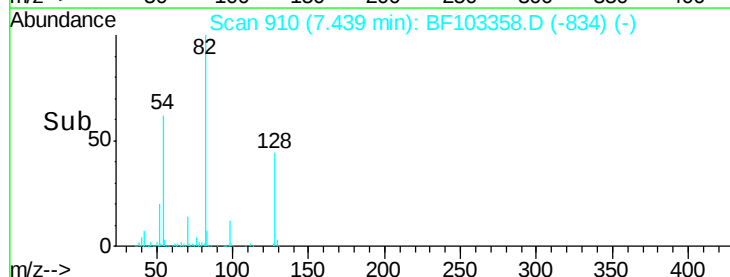
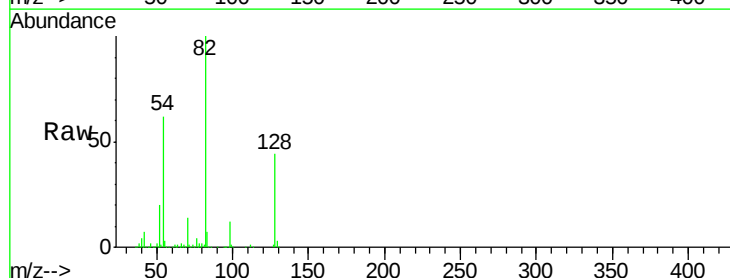
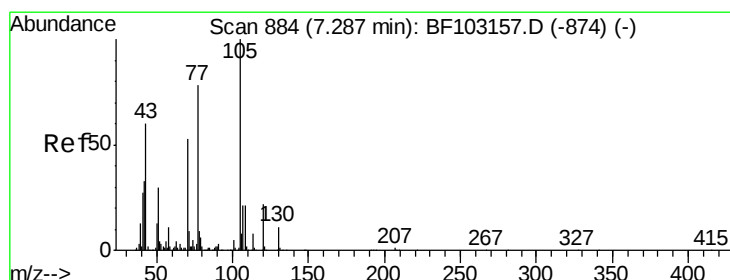
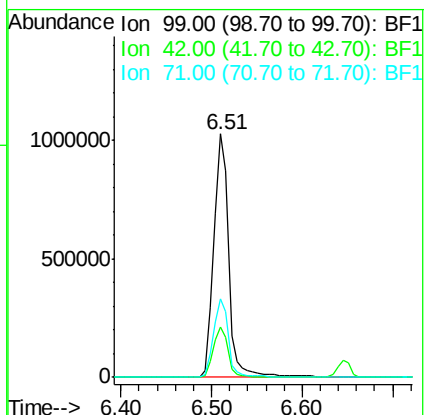
Tot Ion: 99 Resp: 1186152

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.752 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Tgt Ion: 70 Resp: 103271

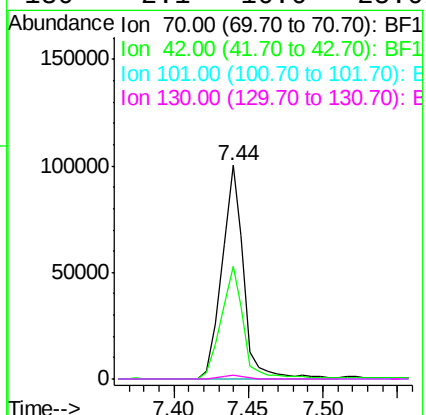
Ion Ratio Lower Upper

70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

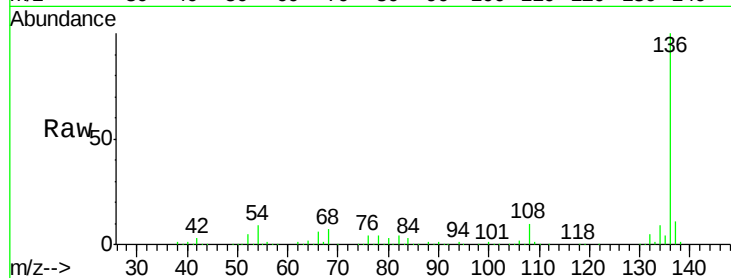




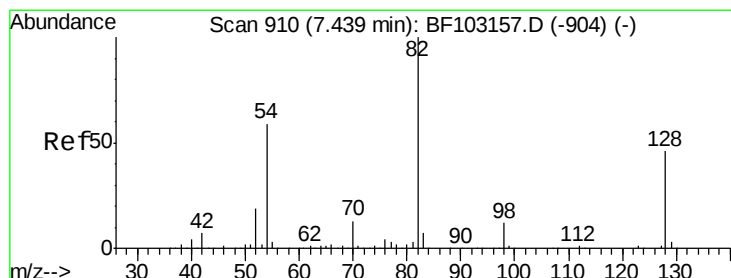
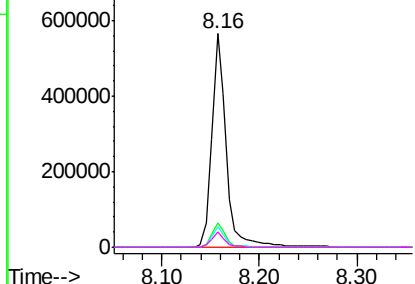
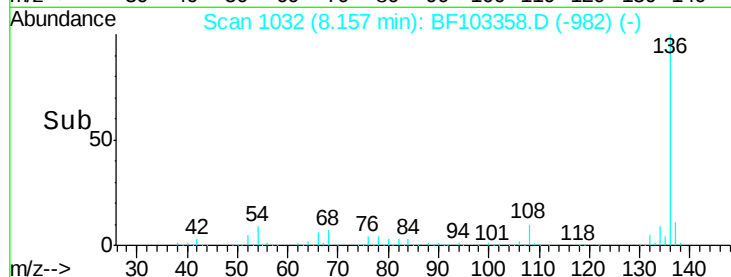
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tot Ion:136	Resp:	576374
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.9 13.3
54	9.4	6.6 9.8
68	7.1	5.0 7.4

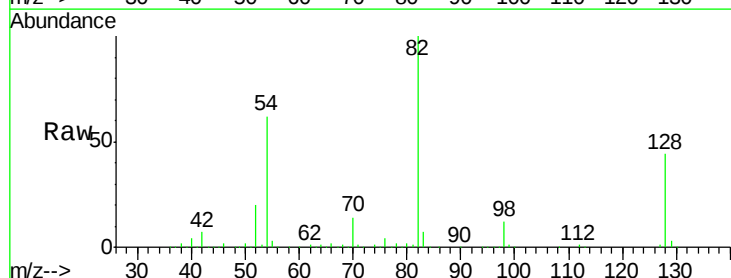


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

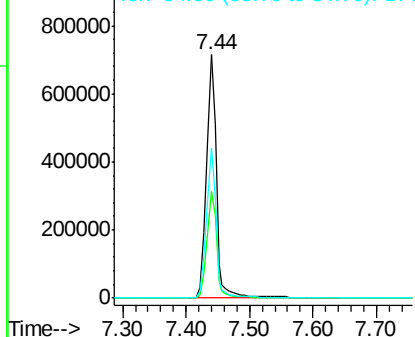
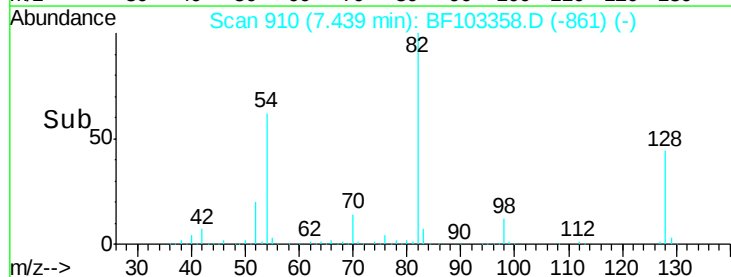


#23
Nitrobenzene-d5
Concen: 77.559 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion: 82	Resp:	782776
Ion	Ratio	Lower Upper
82	100	
128	43.9	36.1 54.1
54	61.6	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: 39.380 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB106964BL

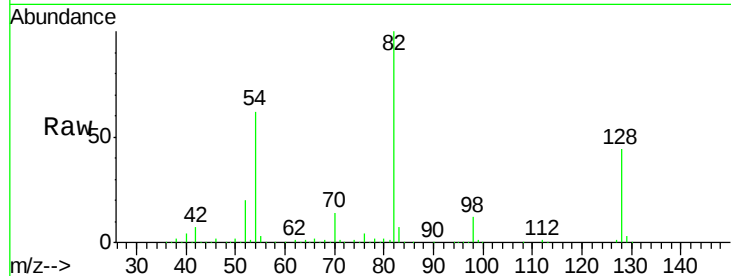
Tot Ion: 82 Resp: 782771

Ion Ratio Lower Upper

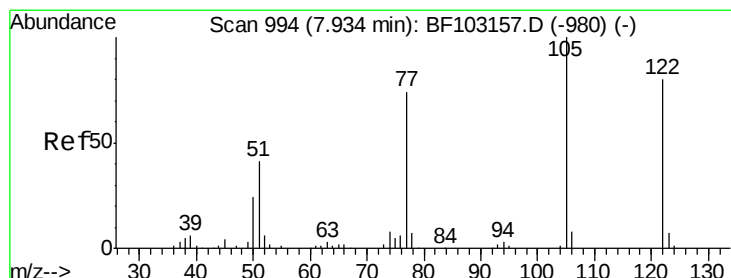
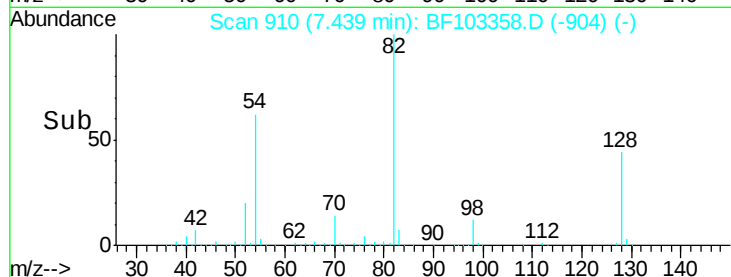
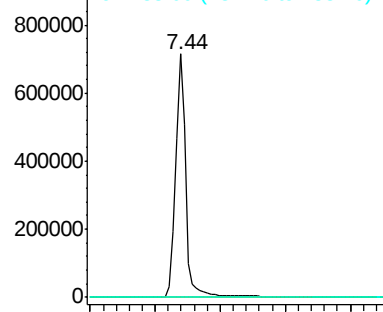
82 100

95 0.1 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



#32

Benzoic acid

Concen: 6.934 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.10 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

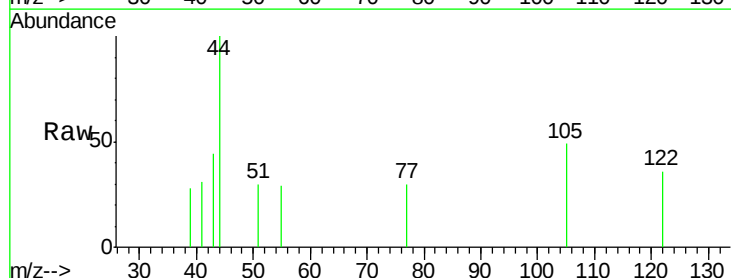
Tgt Ion: 122 Resp: 140

Ion Ratio Lower Upper

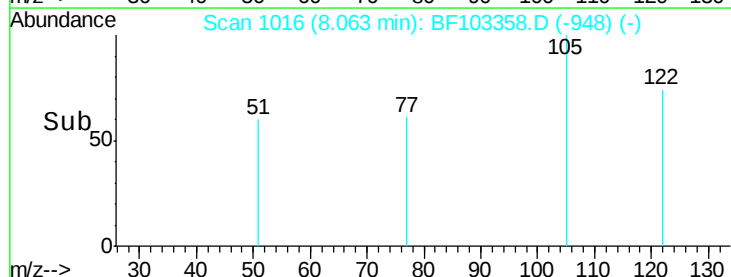
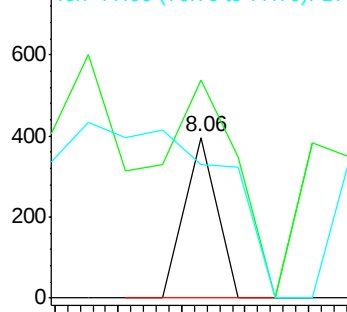
122 100

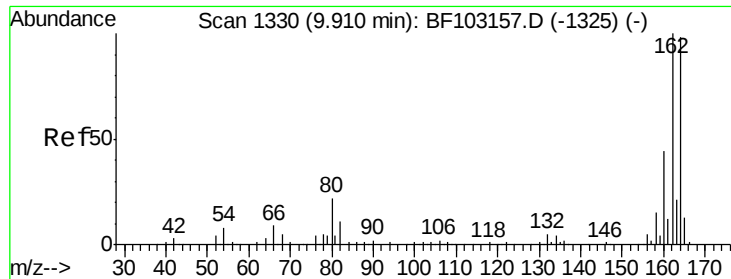
105 135.3 101.1 141.1

77 82.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

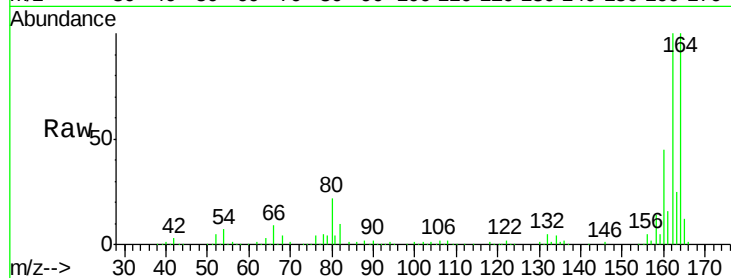




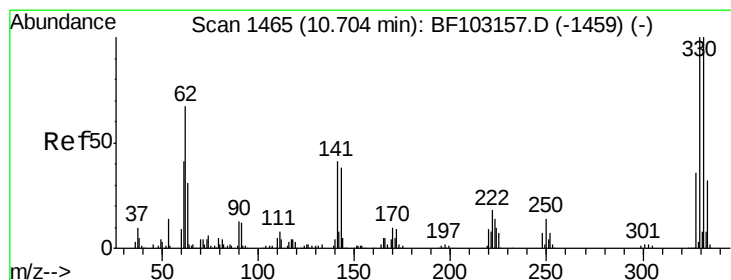
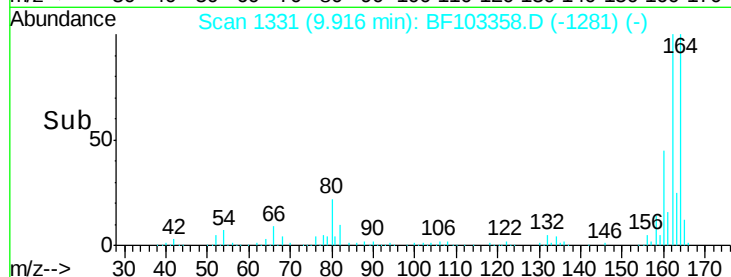
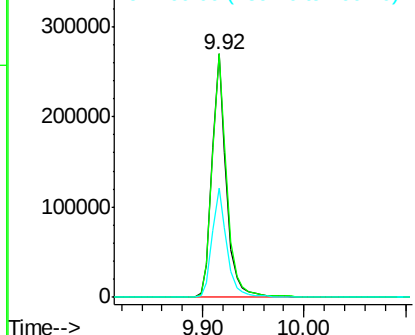
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tot Ion:164 Resp: 263486
Ion Ratio Lower Upper
164 100
162 99.9 86.1 129.1
160 44.8 38.3 57.5

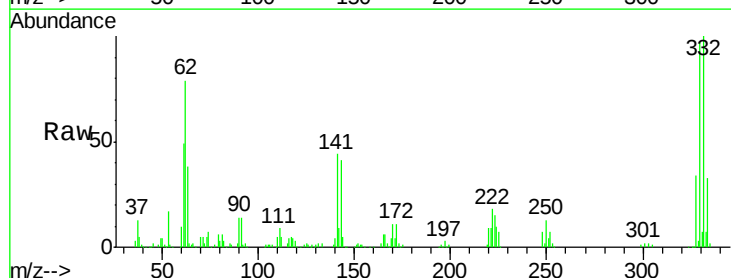


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

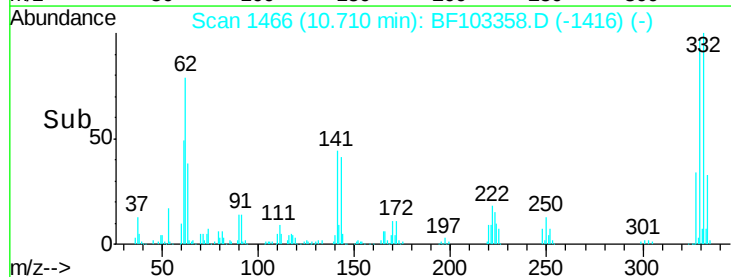
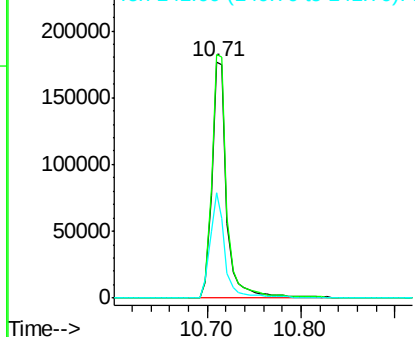


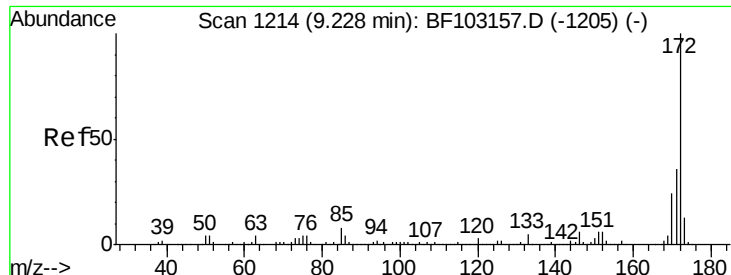
#41
2,4,6-Tribromophenol
Concen: 89.642 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:330 Resp: 199926
Ion Ratio Lower Upper
330 100
332 105.0 77.0 115.6
141 44.6 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

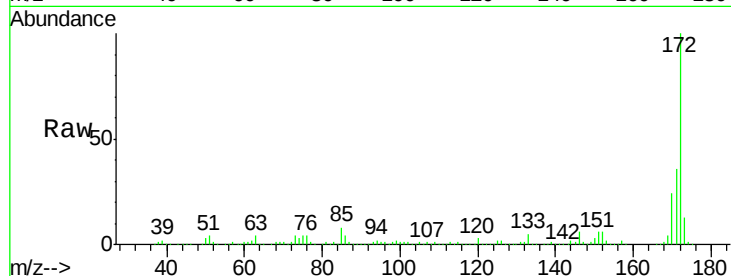




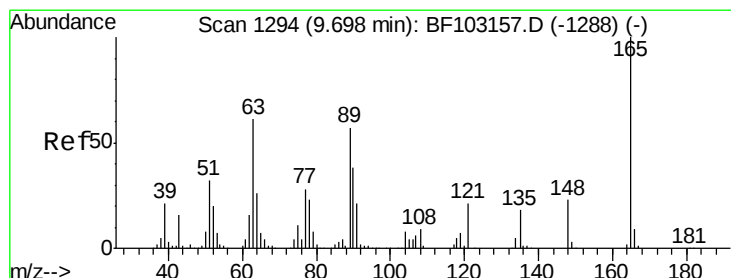
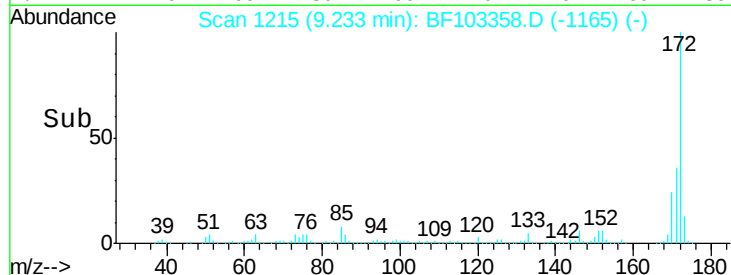
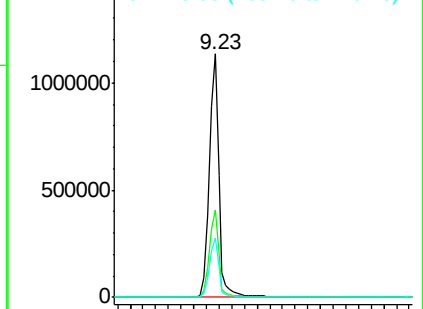
#44
2-Fluorobiphenyl
Concen: 77.736 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tot Ion:172 Resp: 1213636
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.4 19.6 29.4

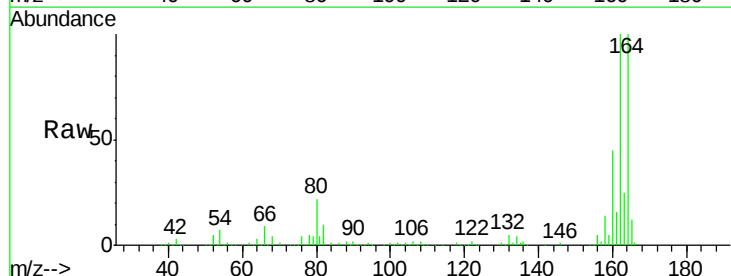


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

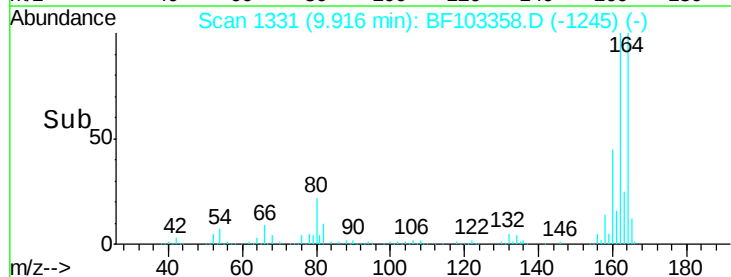
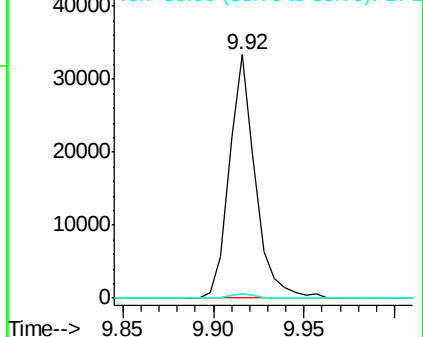


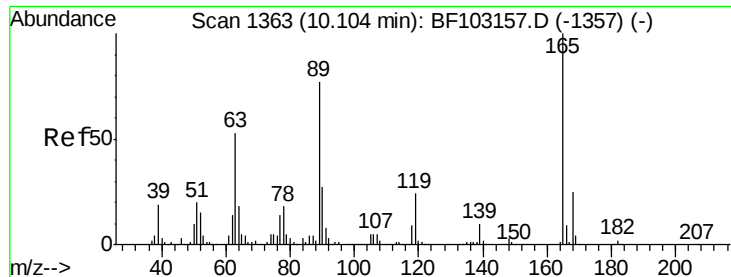
#50
2,6-Dinitrotoluene
Concen: 7.485 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:165 Resp: 33202
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.8 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

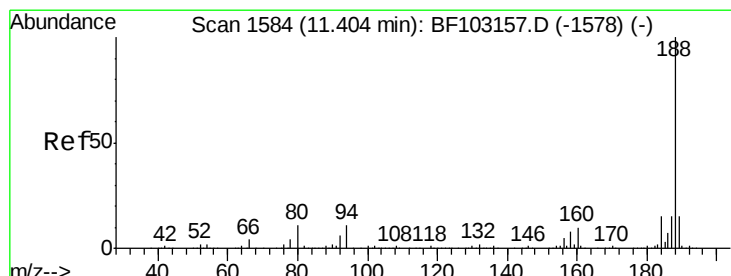
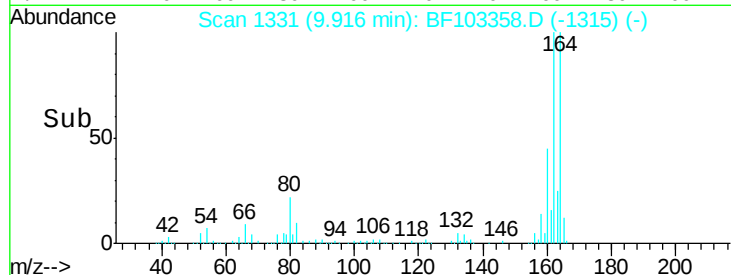
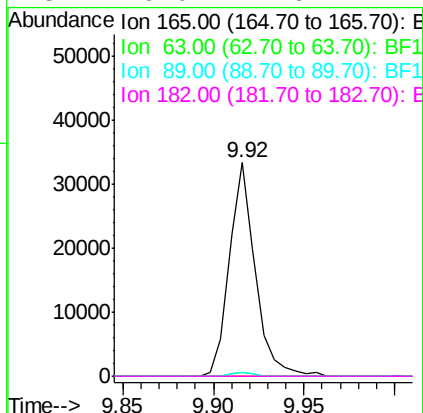
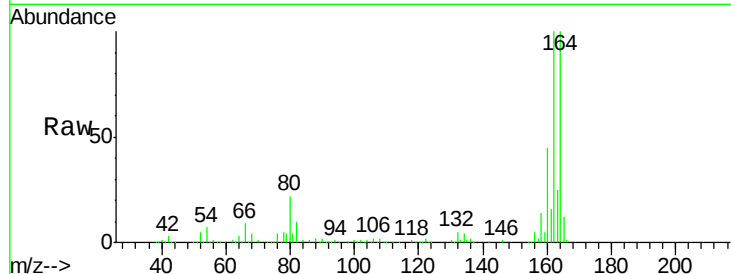




#56
 2,4-Dinitrotoluene
 Concen: 5.918 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.21 min
 Lab File: BF103358.D
 Acq: 2 Mar 2018 11:32

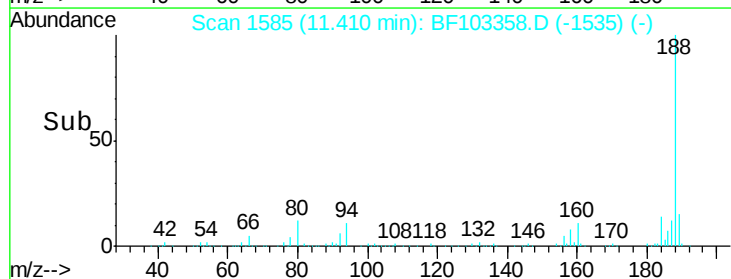
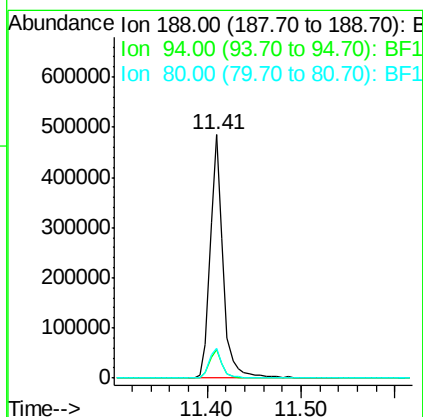
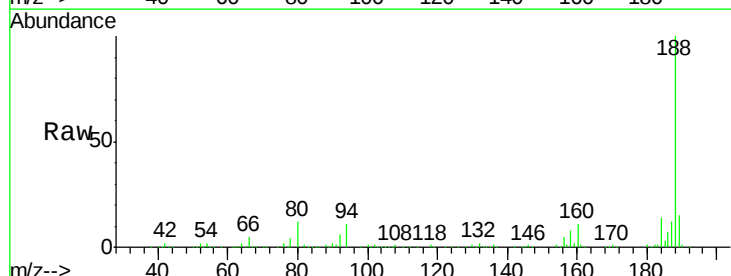
Instrument :
 BNA_F
 ClientSampleId :
 PB106964BL

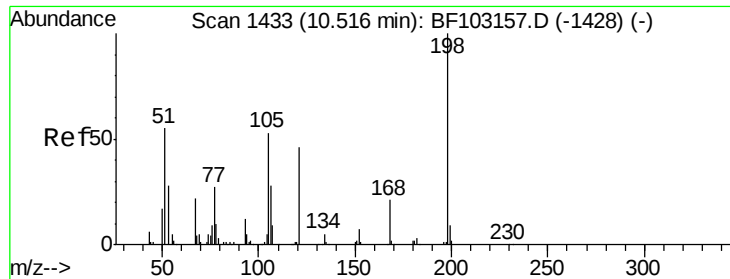
Tot Ion:165 Resp: 33202
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF103358.D
 Acq: 2 Mar 2018 11:32

Tgt Ion:188 Resp: 469826
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.5 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.165 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.17 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB106964BL

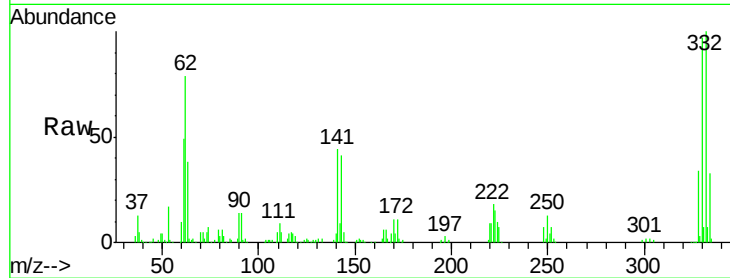
Tot Ion:198 Resp: 701

Ion Ratio Lower Upper

198 100

51 195.5 37.7 77.7#

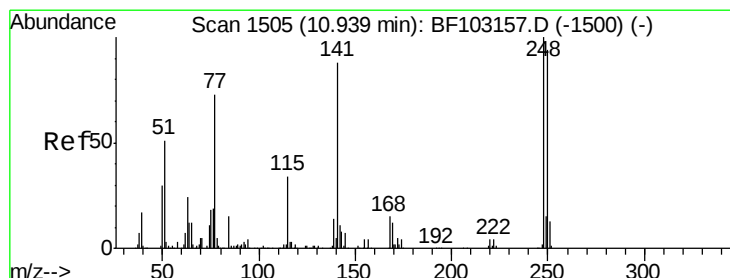
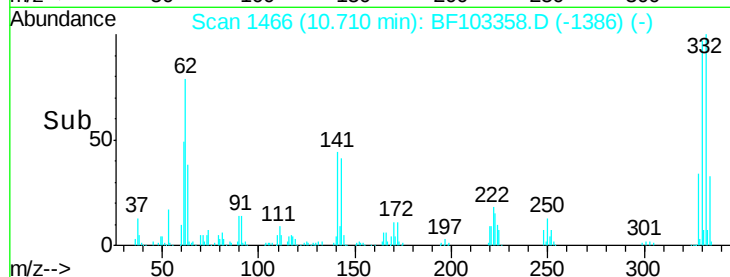
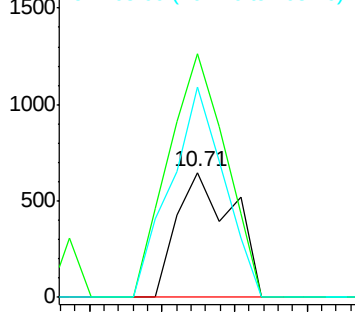
105 168.4 36.3 76.3#



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: 2.778 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

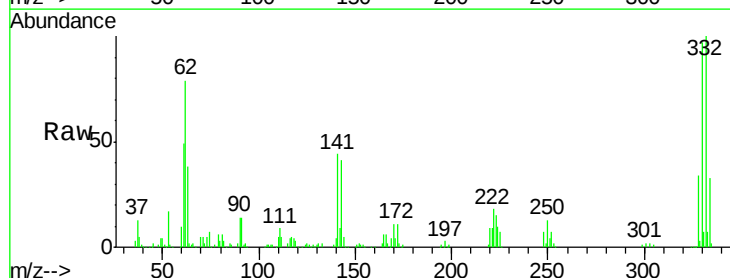
Tgt Ion:248 Resp: 13596

Ion Ratio Lower Upper

248 100

250 198.2 76.9 115.3#

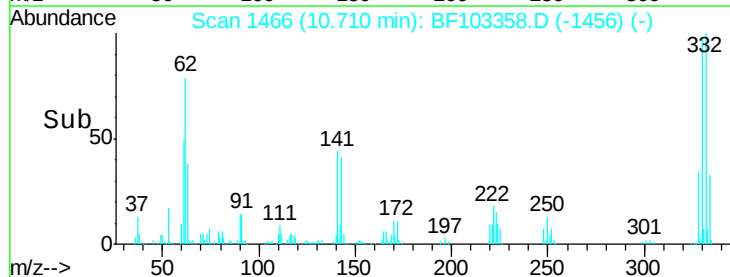
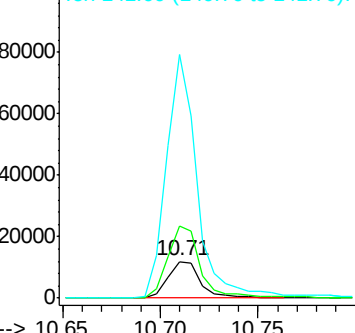
141 664.3 74.4 111.6#

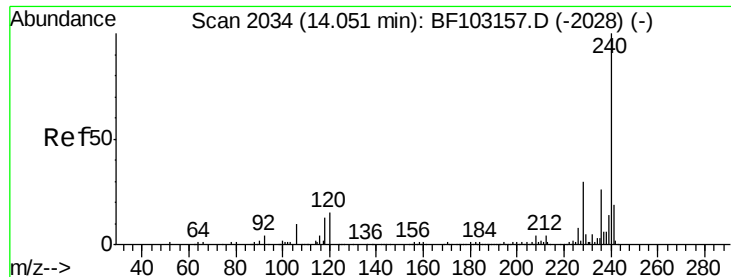


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

Instrument :

BNA_F

ClientSampleId :

PB106964BL

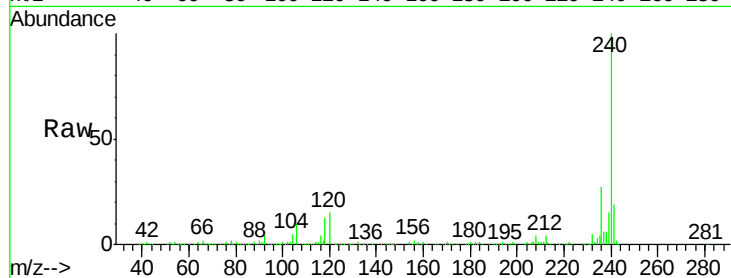
Tot Ion:240 Resp: 341375

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

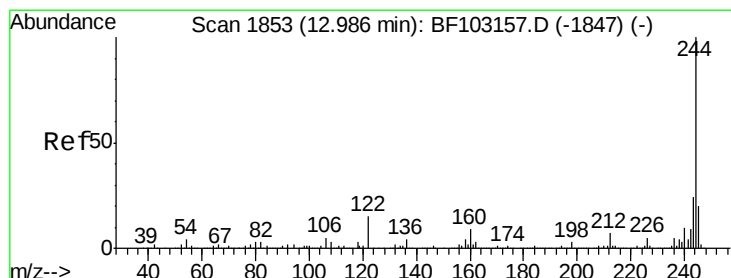
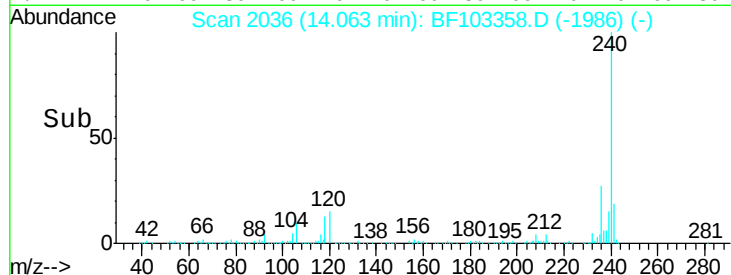
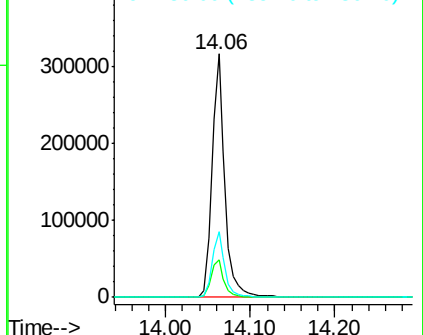
236 27.0 20.7 31.1



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: 76.374 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF103358.D

Acq: 2 Mar 2018 11:32

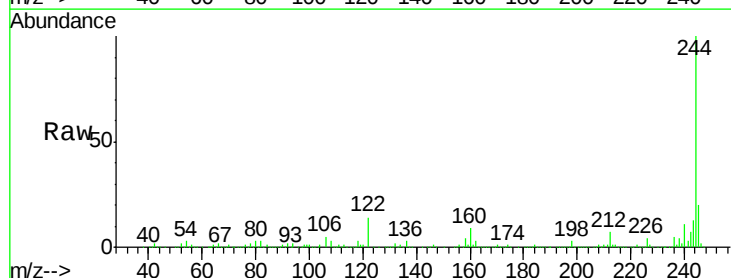
Tgt Ion:244 Resp: 1084590

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

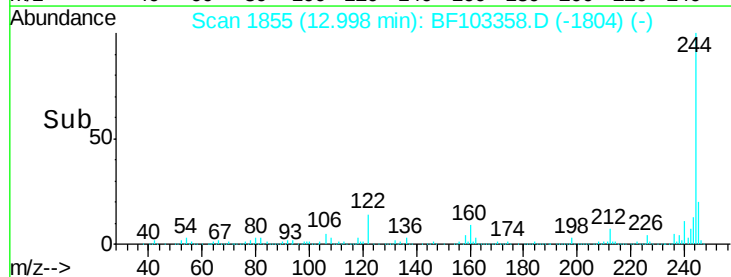
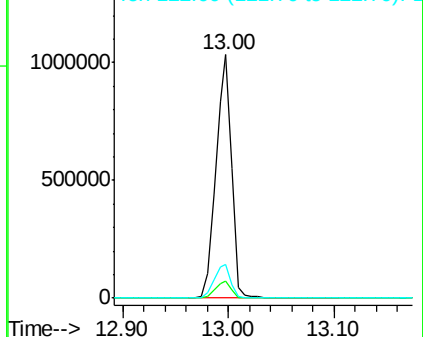
122 14.0 11.0 16.4

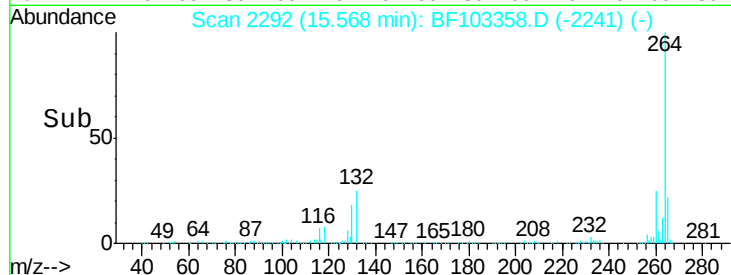
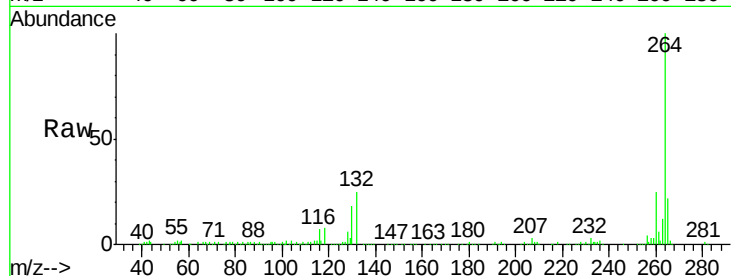
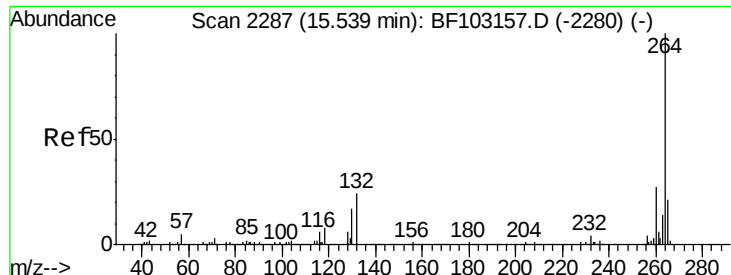


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103358.D
 Acq: 2 Mar 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BL

Tot Ion:	264	Resp:	255899
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.6	17.5	26.3

