

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103309.D
 Acq On : 28 Feb 2018 22:31
 Operator : SJ/JU
 Sample : J1708-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 00:05:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

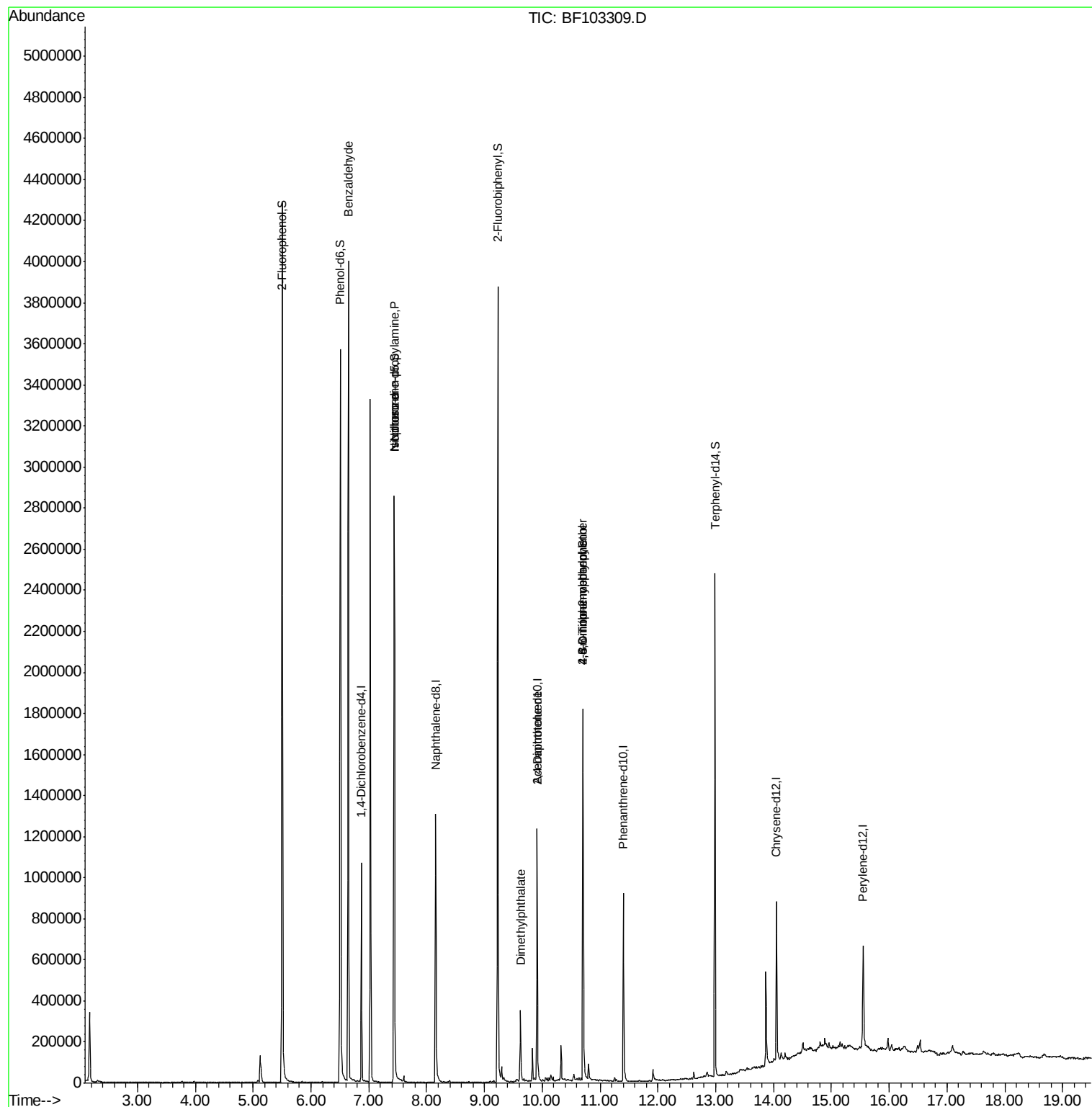
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154409	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	630655	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	250673	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	336663	20.00	ng	0.00
75) Chrysene-d12	14.05	240	254354	20.00	ng	0.00
86) Perylene-d12	15.56	264	246270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1246888	122.13	ng	0.01
7) Phenol-d6	6.51	99	1532819	122.70	ng	0.00
23) Nitrobenzene-d5	7.44	82	1029415	93.22	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	197808	93.23	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1351566	95.66	ng	0.00
78) Terphenyl-d14	12.99	244	791691	74.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	27986	2.431	ng	83
19) n-Nitroso-di-n-propylamine	7.44	70	142114	18.278	ng	# 83
25) Isophorone	7.44	82	1029407	47.330	ng	# 64
49) Dimethylphthalate	9.62	163	133589	6.643	ng	100
56) 2,4-Dinitrotoluene	9.91	165	32173	6.028	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	457	5.145	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	13715	3.911	ng	# 1

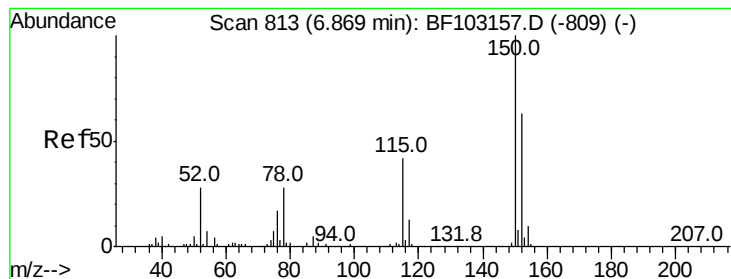
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103309.D
Acq On : 28 Feb 2018 22:31
Operator : SJ/JU
Sample : J1708-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 01 00:05:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration



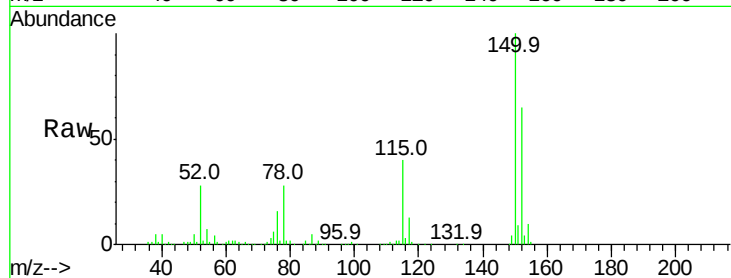


#1

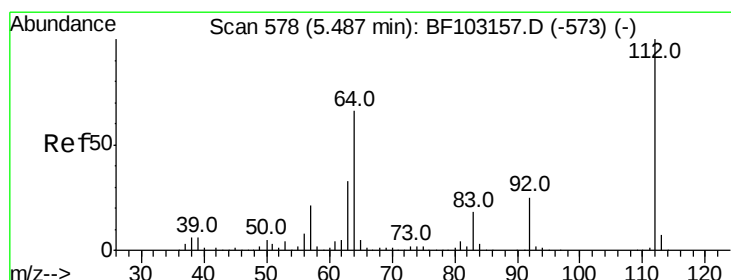
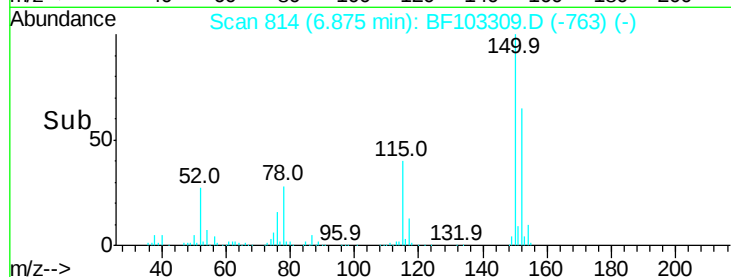
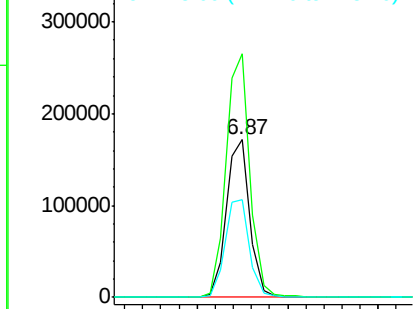
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103309.D
Acq: 28 Feb 2018 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154409
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 62.3 50.1 75.1



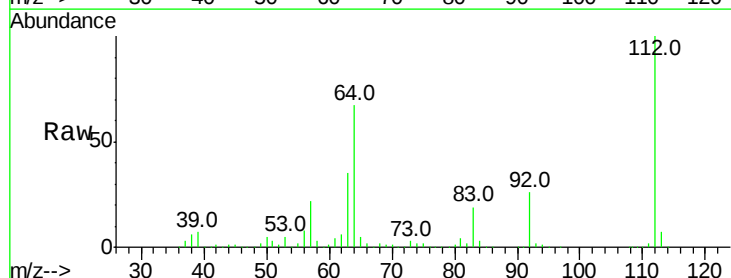
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



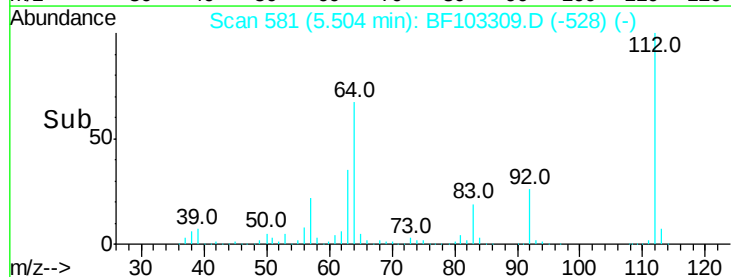
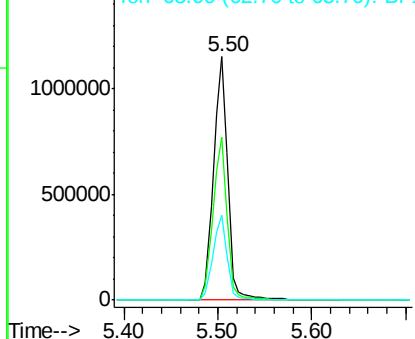
#5

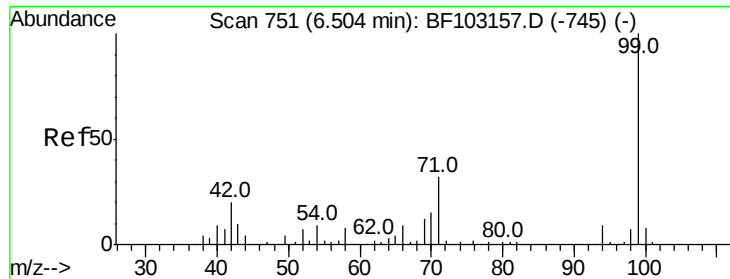
2-Fluorophenol
Concen: 122.132 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103309.D
Acq: 28 Feb 2018 22:31

Tgt Ion:112 Resp: 1246888
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 34.8 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: 122.698 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Instrument :

BNA_F

ClientSampleId :

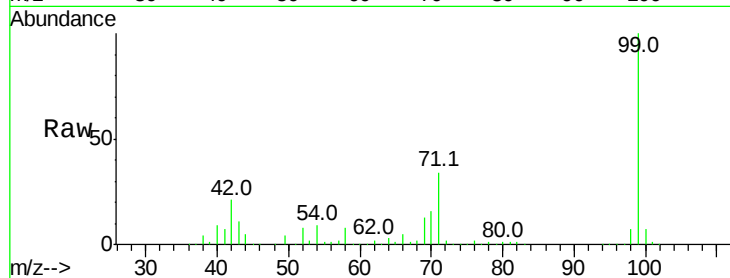
Tot Ion: 99 Resp: 1532819

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

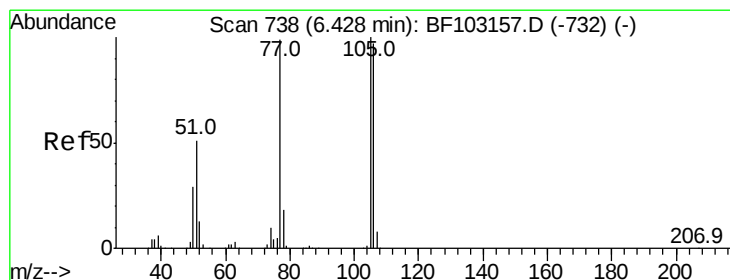
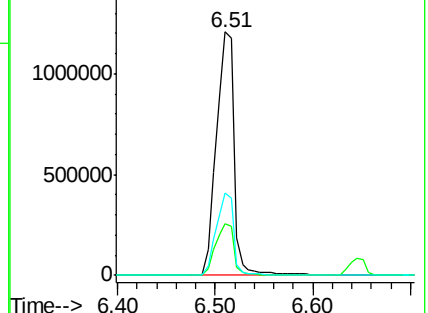
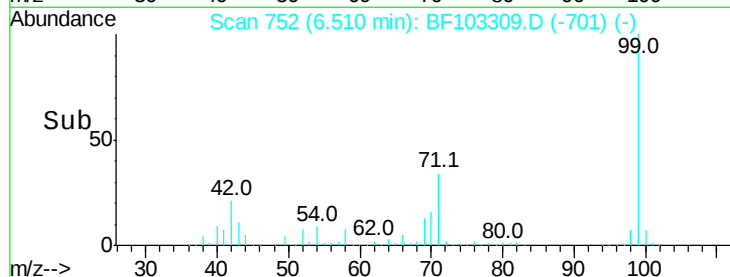
71 33.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.431 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.22 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

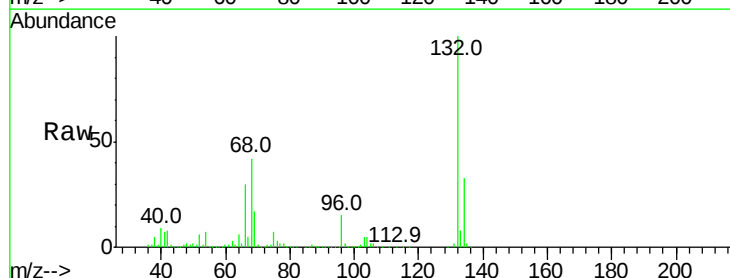
Tgt Ion: 77 Resp: 27986

Ion Ratio Lower Upper

77 100

105 83.2 81.1 121.1

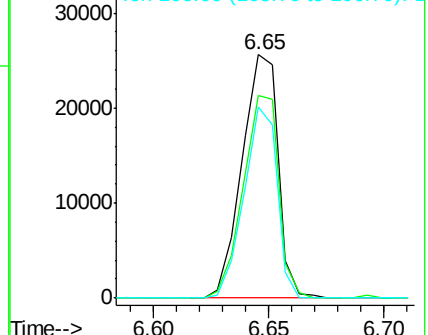
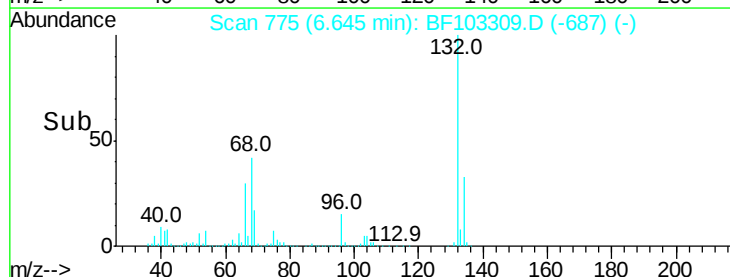
106 78.4 74.5 114.5

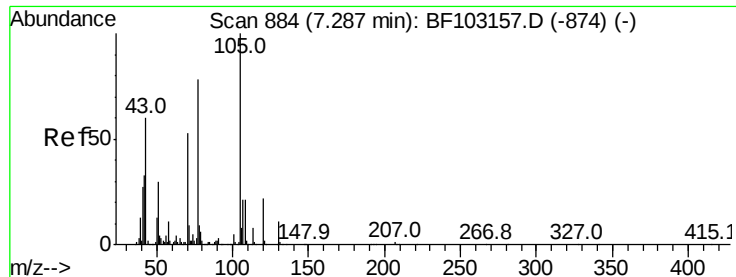


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.278 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 142114

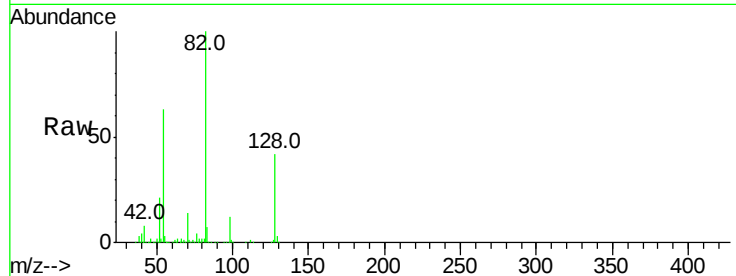
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

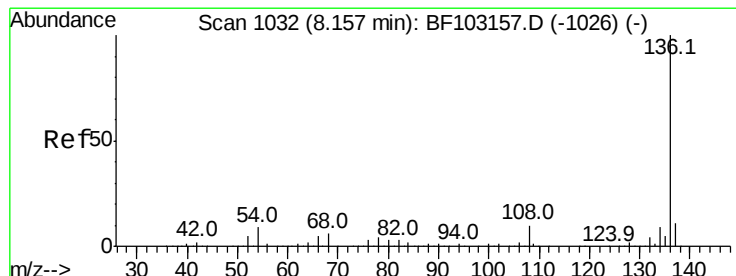
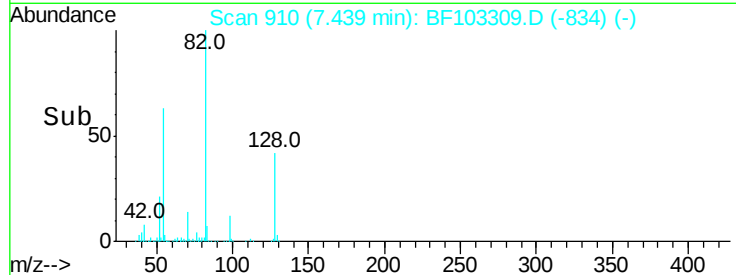
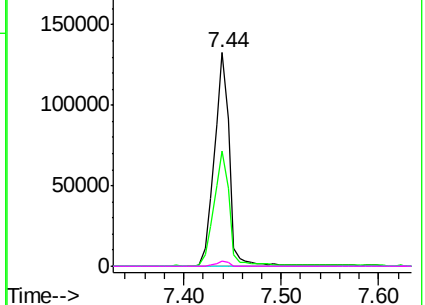


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Tgt Ion: 136 Resp: 630655

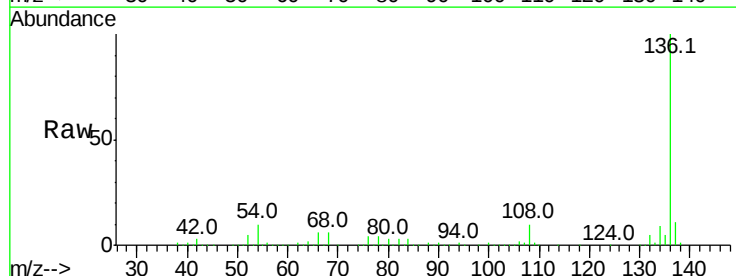
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.5 6.6 9.8

68 6.1 5.0 7.4

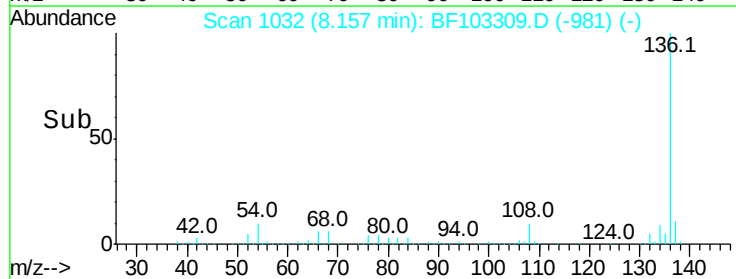
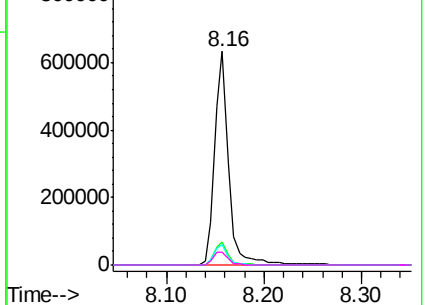


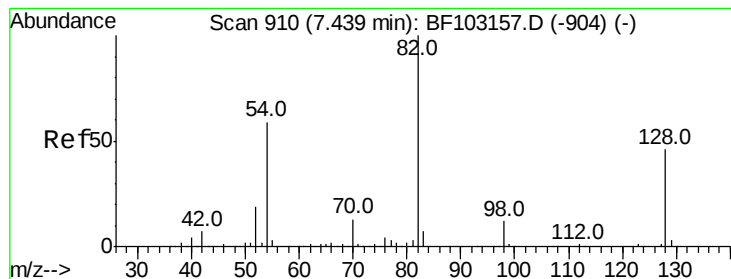
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 93.218 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Instrument :

BNA_F

ClientSampled :

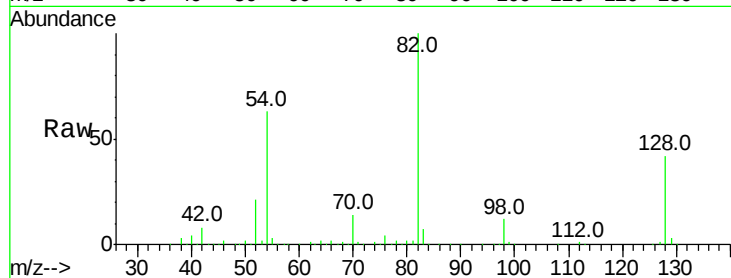
Tot Ion: 82 Resp: 1029415

Ion Ratio Lower Upper

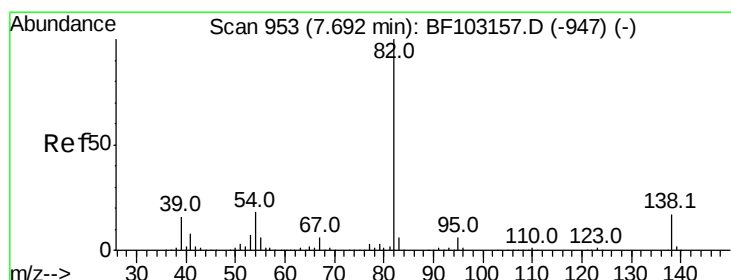
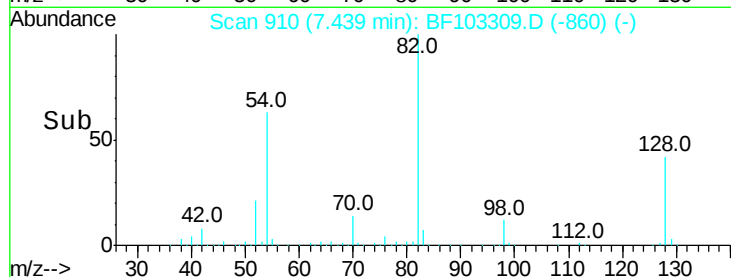
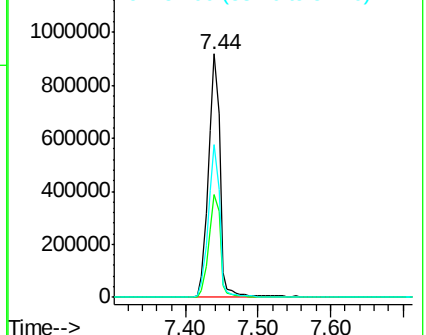
82 100

128 42.2 36.1 54.1

54 62.9 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 47.330 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

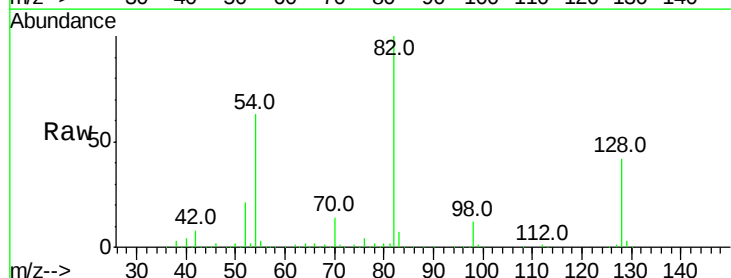
Tgt Ion: 82 Resp: 1029407

Ion Ratio Lower Upper

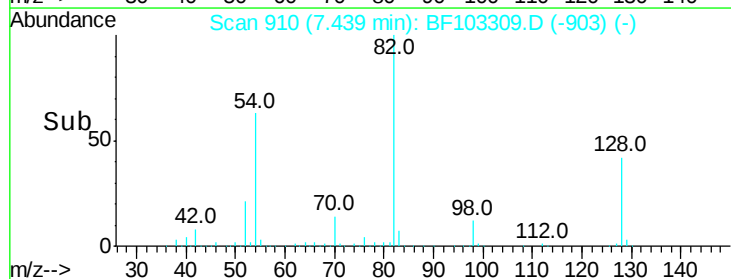
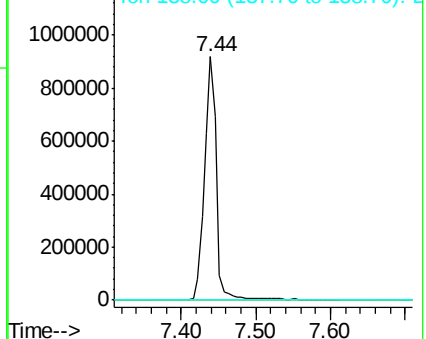
82 100

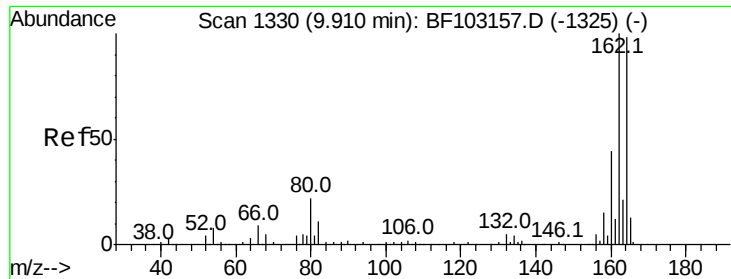
95 0.0 5.2 7.8#

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Instrument :

BNA_F

ClientSampleId :

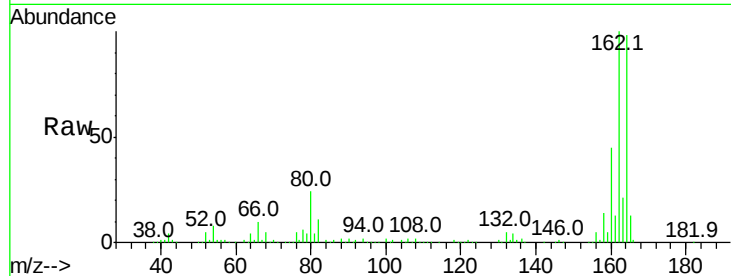
Tot Ion:164 Resp: 250673

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

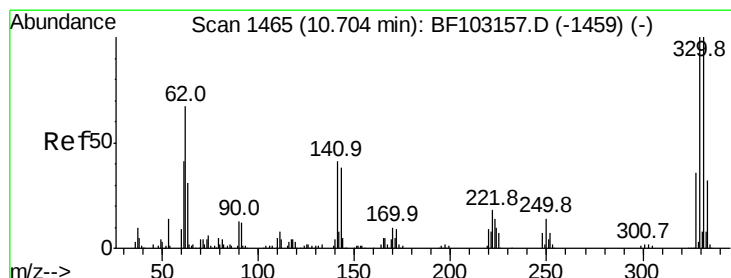
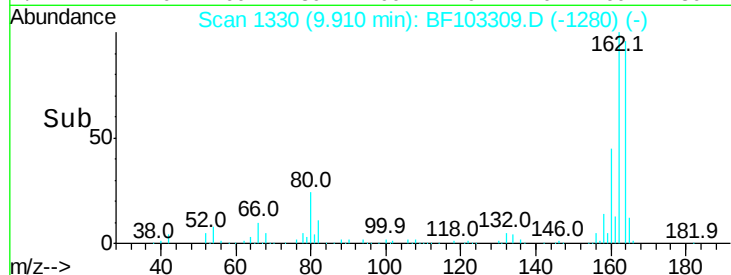
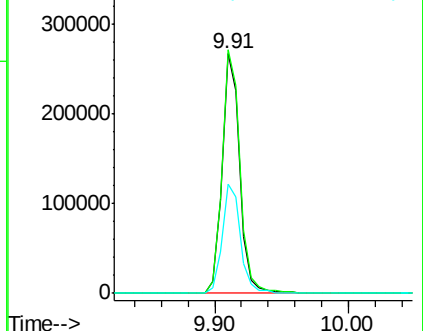
160 45.7 38.3 57.5



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: 93.226 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

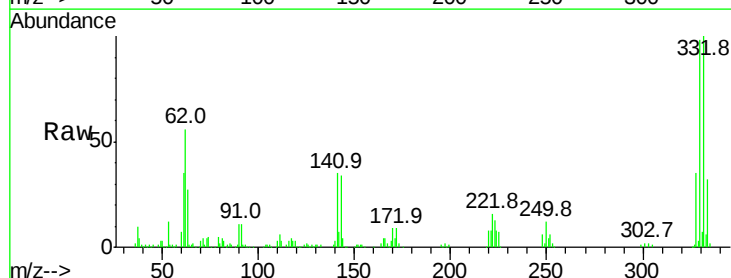
Tgt Ion:330 Resp: 197808

Ion Ratio Lower Upper

330 100

332 103.9 77.0 115.6

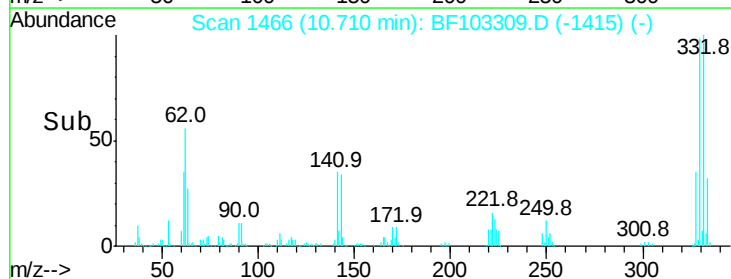
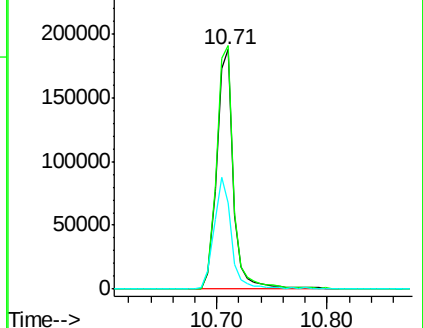
141 47.4 29.9 44.9#

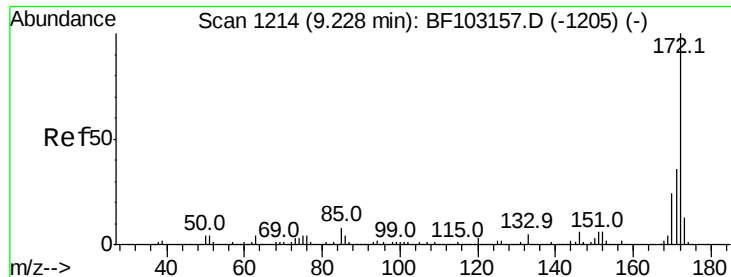


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 95.660 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

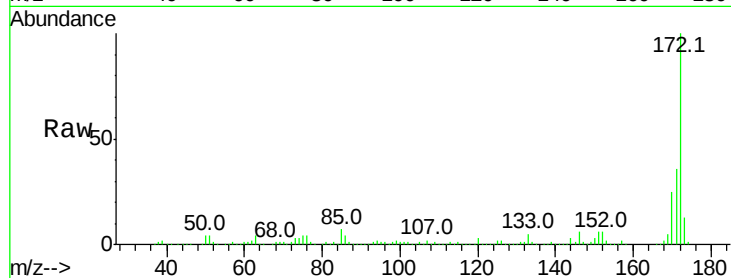
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1351566

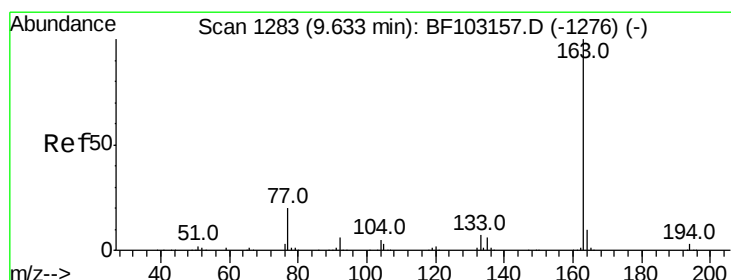
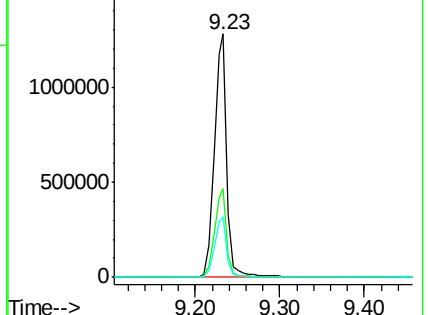
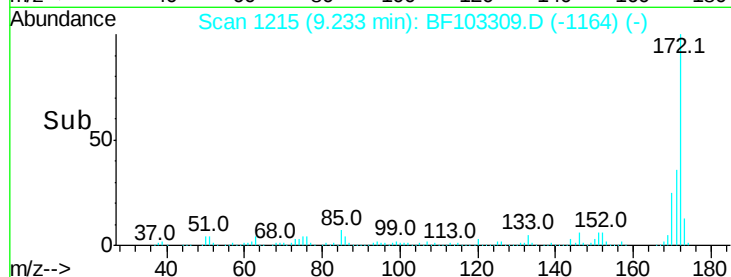
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.9	19.6	29.4



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: 6.643 ng

RT: 9.62 min Scan# 1281

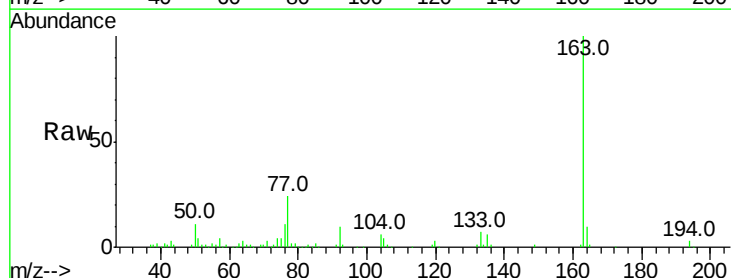
Delta R.T. -0.01 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Tgt Ion:163 Resp: 133589

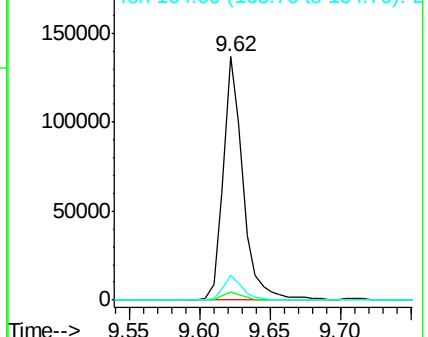
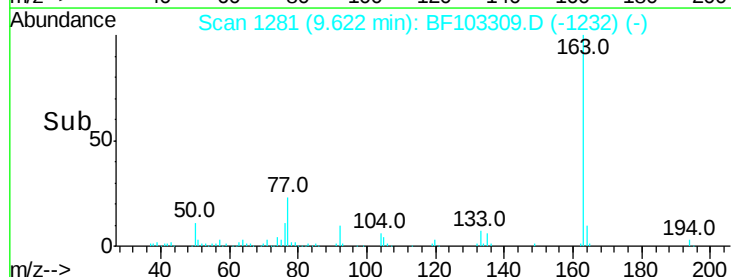
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2

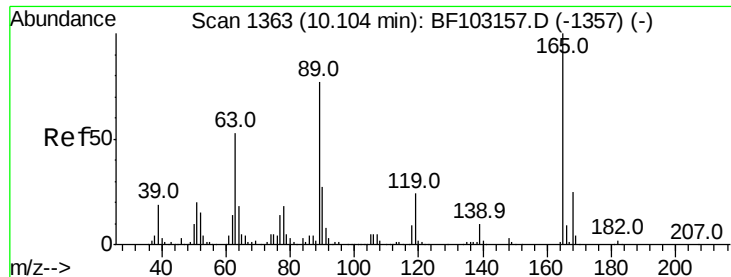


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

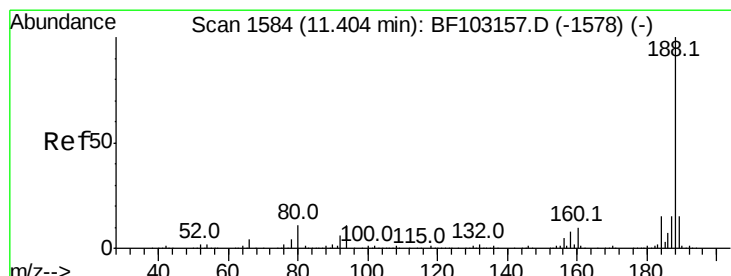
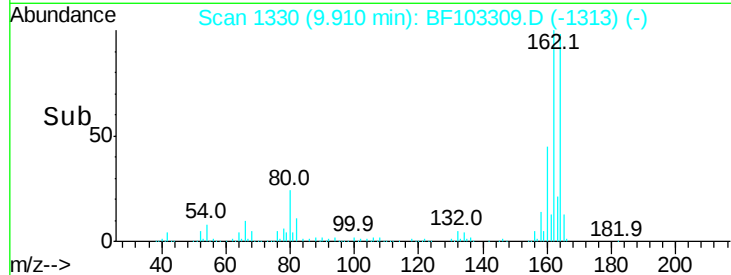
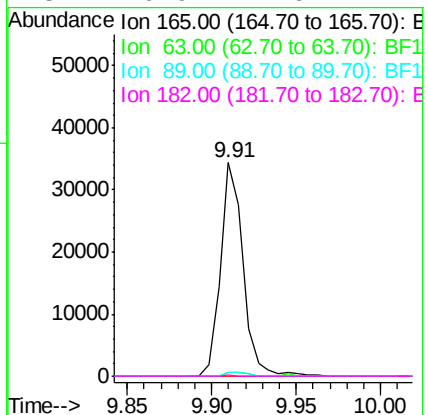
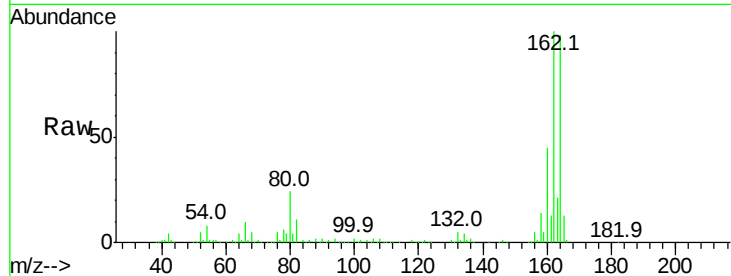




#56
 2,4-Dinitrotoluene
 Concen: 6.028 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF103309.D
 Acq: 28 Feb 2018 22:31

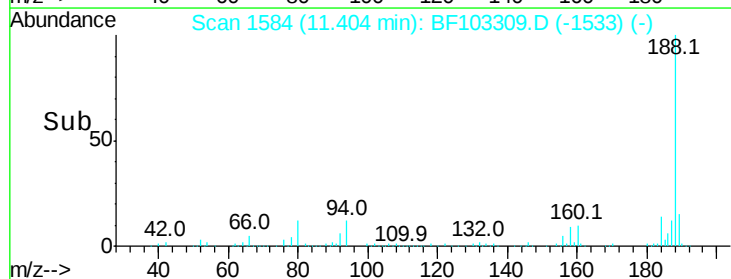
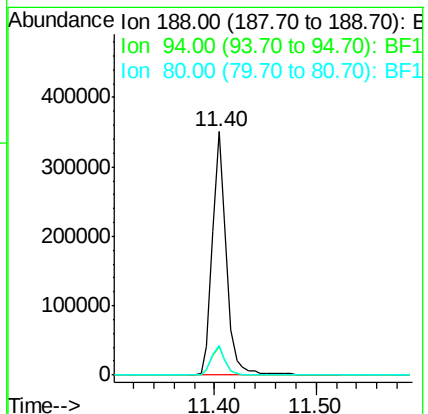
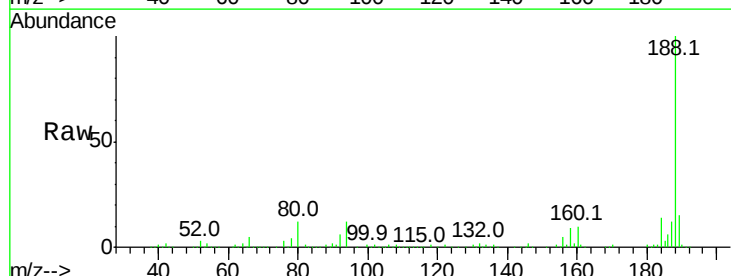
Instrument :
 BNA_F
 ClientSampleId :

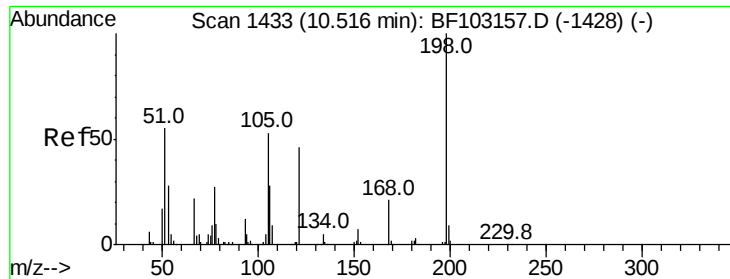
Tot Ion:165 Resp: 32173
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.9 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103309.D
 Acq: 28 Feb 2018 22:31

Tgt Ion:188 Resp: 336663
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 12.3 9.2 13.8

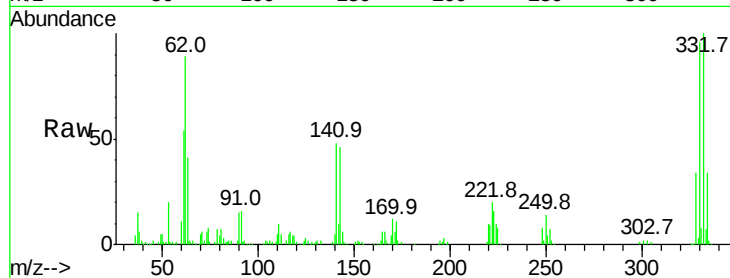




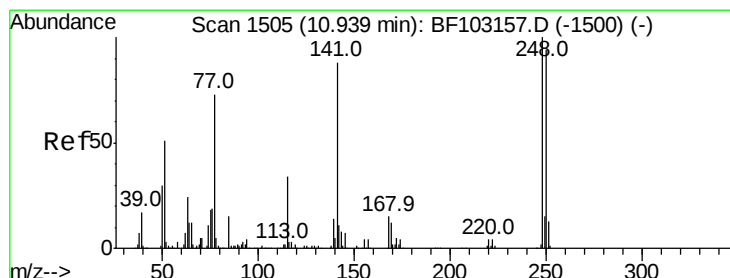
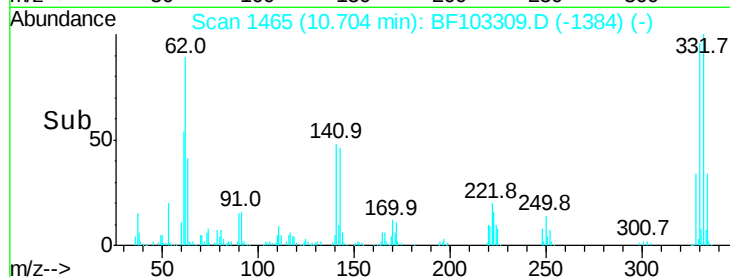
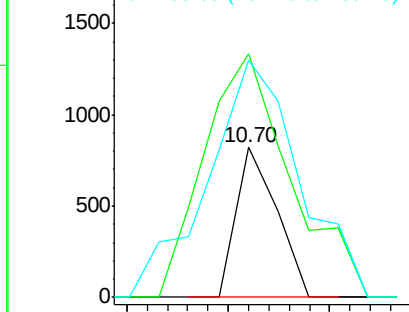
#64
4,6-Dinitro-2-methylphenol
Concen: 5.145 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103309.D
Acq: 28 Feb 2018 22:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 457
Ion Ratio Lower Upper
198 100
51 162.6 37.7 77.7#
105 158.0 36.3 76.3#

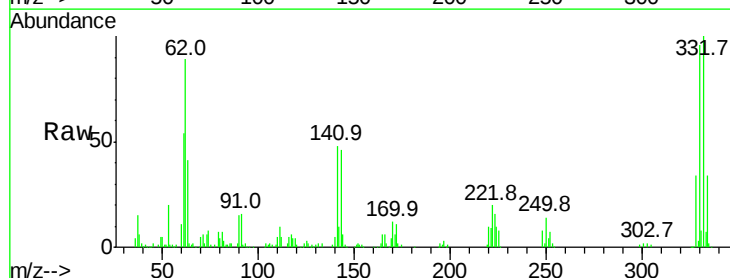


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

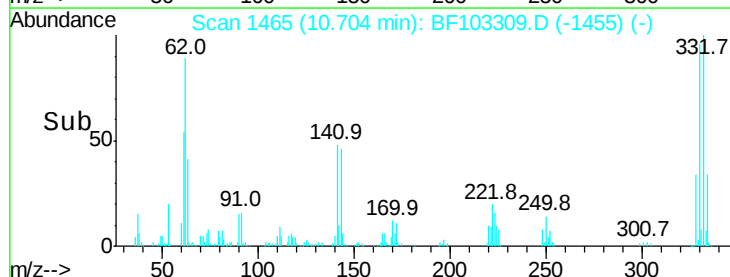
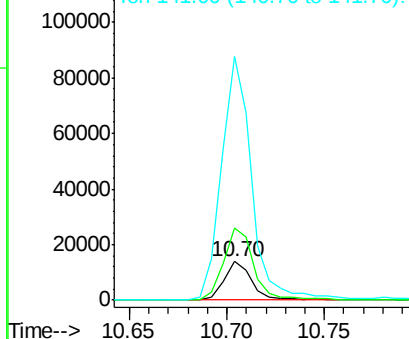


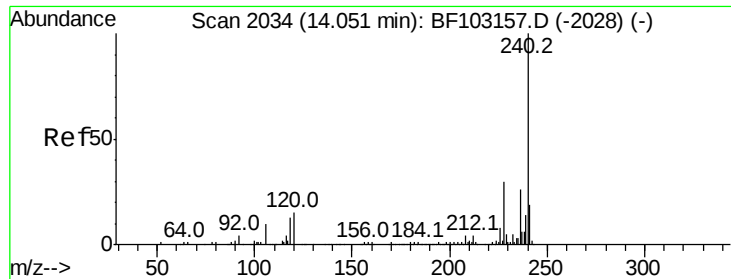
#66
4-Bromophenyl-phenylether
Concen: 3.911 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103309.D
Acq: 28 Feb 2018 22:31

Tgt Ion:248 Resp: 13715
Ion Ratio Lower Upper
248 100
250 187.7 76.9 115.3#
141 633.1 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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

Instrument :

BNA_F

ClientSampleId :

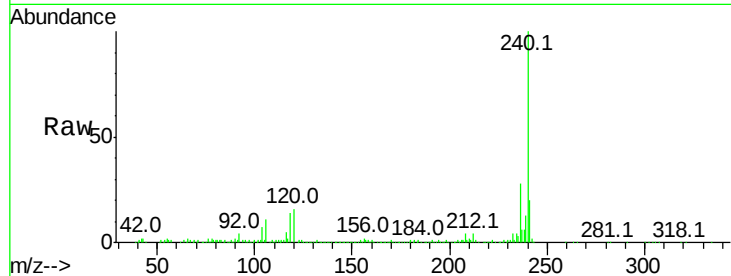
Tot Ion:240 Resp: 254354

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

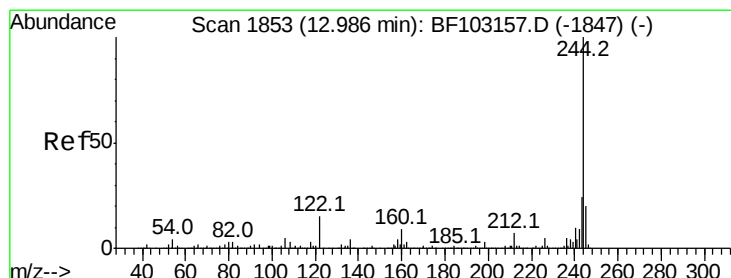
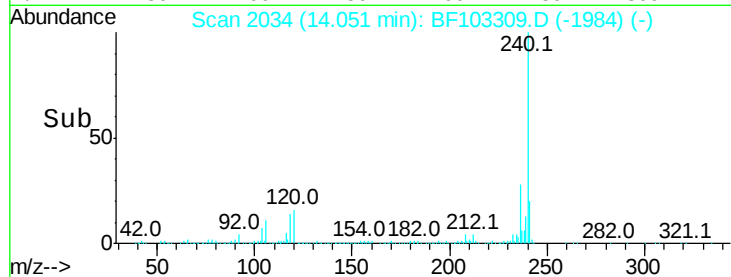
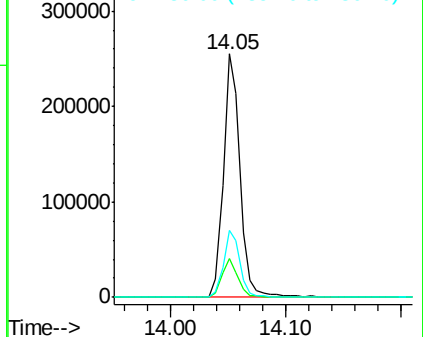
236 27.6 20.7 31.1



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: 74.822 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103309.D

Acq: 28 Feb 2018 22:31

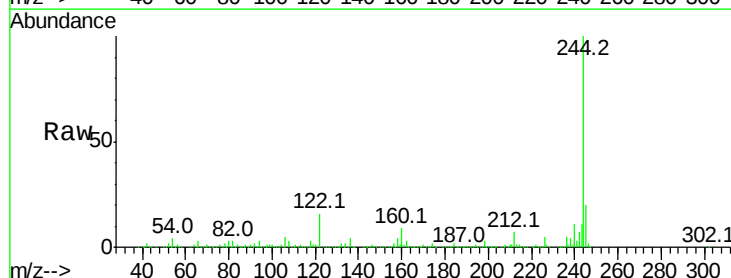
Tgt Ion:244 Resp: 791691

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

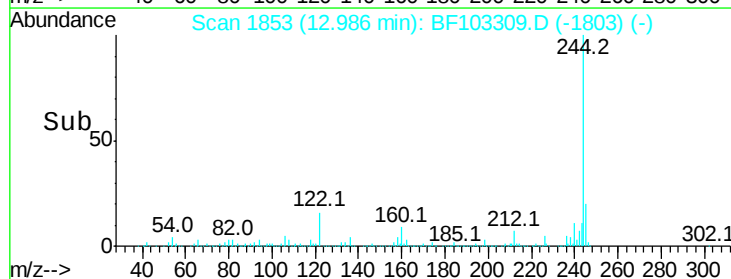
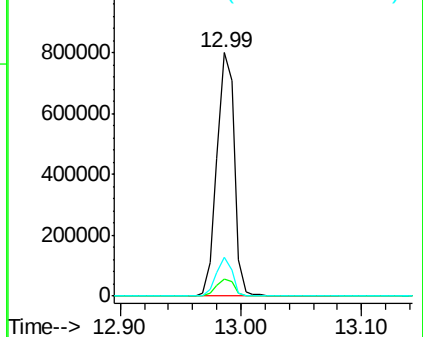
122 16.0 11.0 16.4

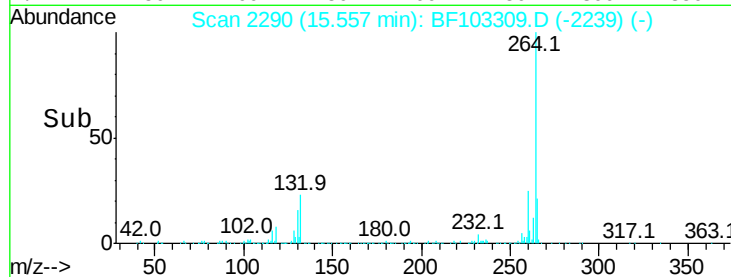
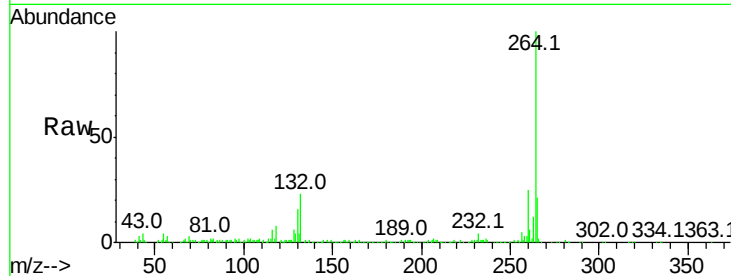
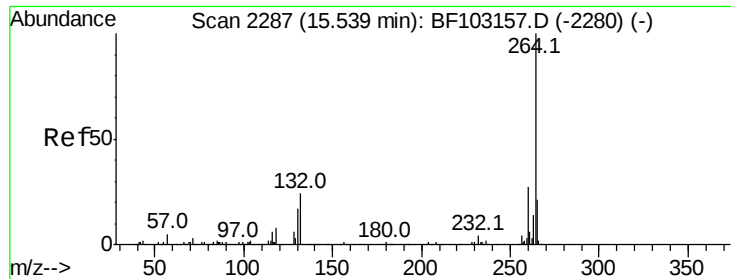


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF103309.D
 Acq: 28 Feb 2018 22:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.5	26.3

