

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100611.D
 Acq On : 16 Nov 2017 2:33
 Operator : SJ/JU
 Sample : I6426-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 03:41:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	116179	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	447135	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	200873	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	348052	20.00	ng	0.00
75) Chrysene-d12	14.04	240	229295	20.00	ng	-0.01
86) Perylene-d12	15.51	264	234502	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	338277	46.67	ng	0.00
7) Phenol-d6	6.50	99	265845	29.75	ng	-0.02
23) Nitrobenzene-d5	7.45	82	701547	103.73	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	189162	92.41	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1261414	95.62	ng	0.00
78) Terphenyl-d14	12.99	244	931666	93.36	ng	0.00

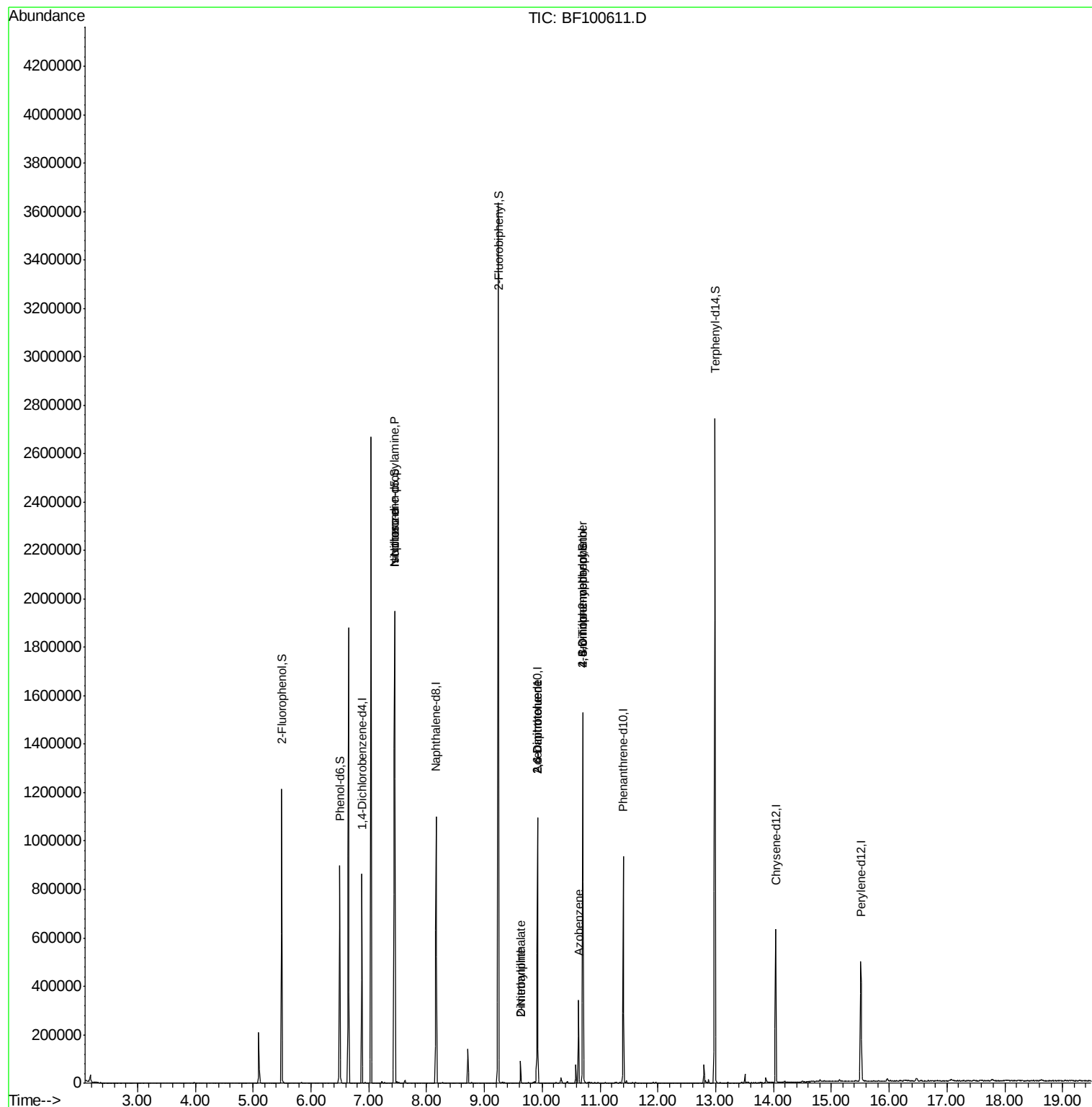
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	92274	14.89	ng	# 80
25) Isophorone	7.45	82	701118	49.33	ng	# 64
47) 2-Nitroaniline	9.63	65	177	2.83	ng	# 1
49) Dimethylphthalate	9.63	163	35331	2.30	ng	99
50) 2,6-Dinitrotoluene	9.92	165	24963	8.22	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	24963	6.52	ng	# 23
62) Azobenzene	10.63	77	49721	3.44	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	279	8.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11178	3.00	ng	# 1

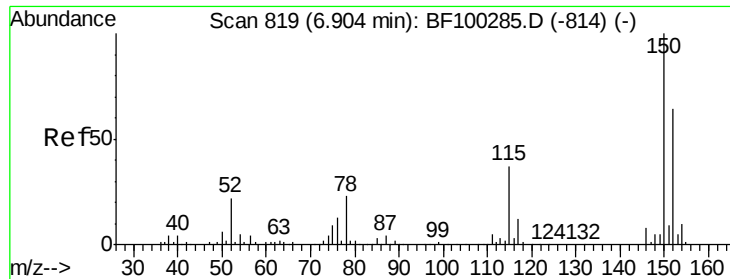
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100611.D
Acq On : 16 Nov 2017 2:33
Operator : SJ/JU
Sample : I6426-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 03:41:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration



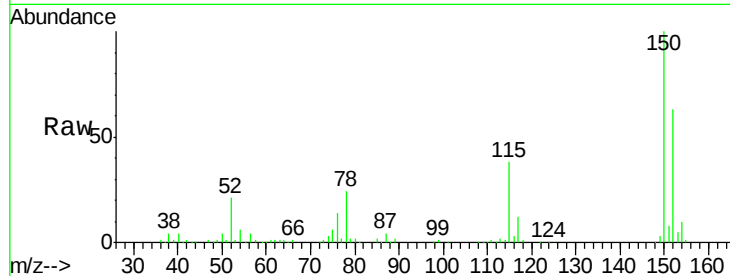


#1

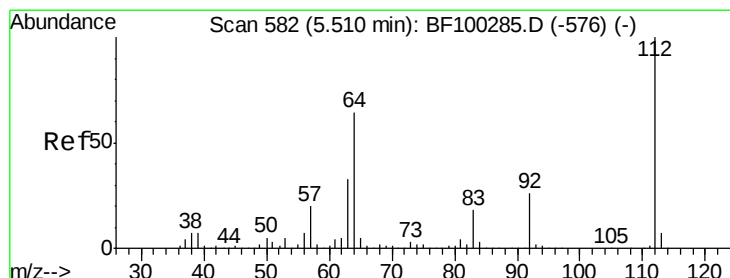
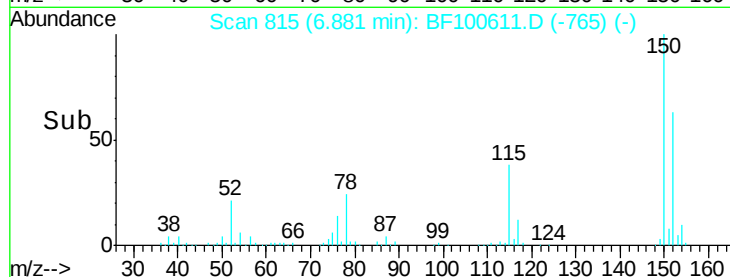
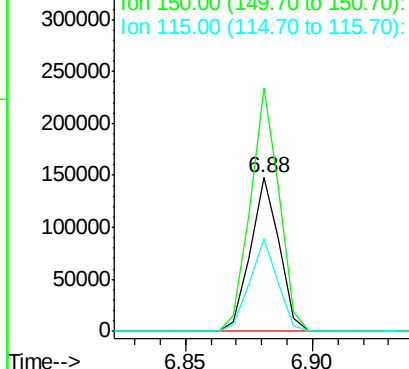
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116179
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.4 50.1 75.1



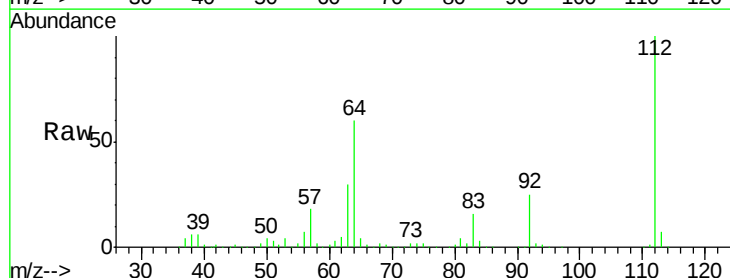
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



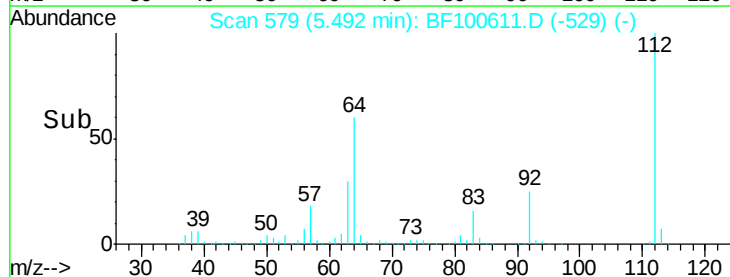
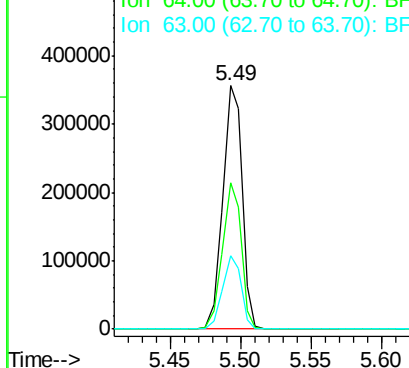
#5

2-Fluorophenol
Concen: 46.67 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:112 Resp: 338277
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 30.2 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: 29.75 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100611.D

Acq: 16 Nov 2017 2:33

Instrument :

BNA_F

ClientSampleId :

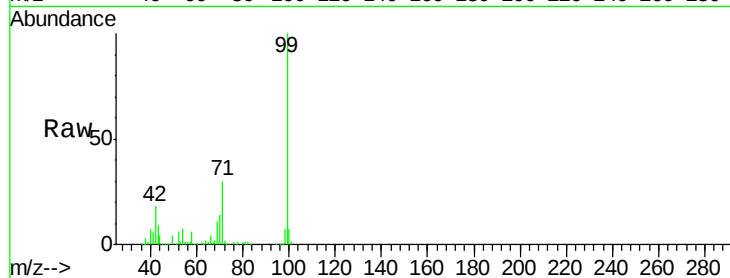
Tot Ion: 99 Resp: 265845

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

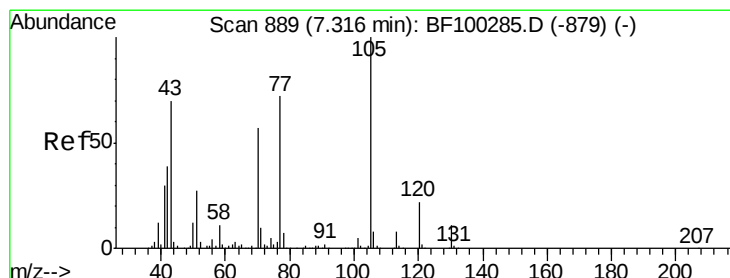
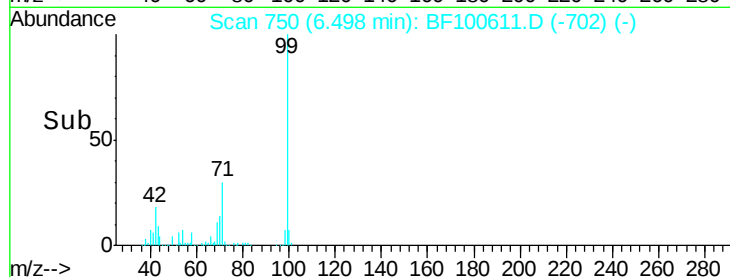
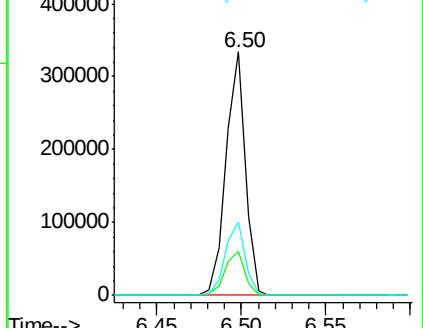
71 30.3 25.4 38.0



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: 14.89 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF100611.D

Acq: 16 Nov 2017 2:33

Tgt Ion: 70 Resp: 92274

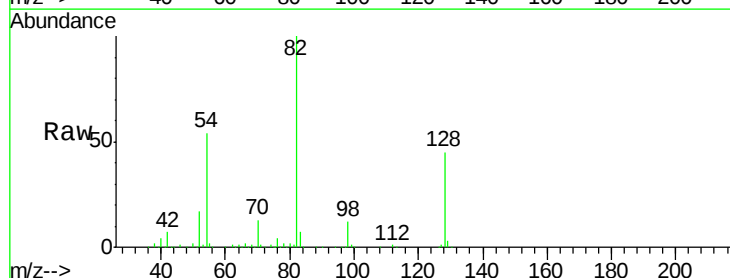
Ion Ratio Lower Upper

70 100

42 49.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

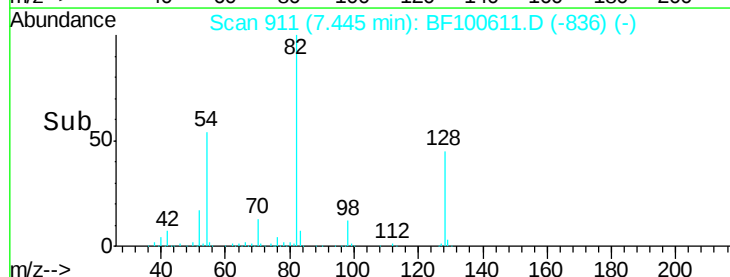
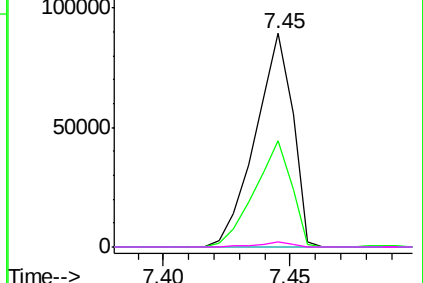


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

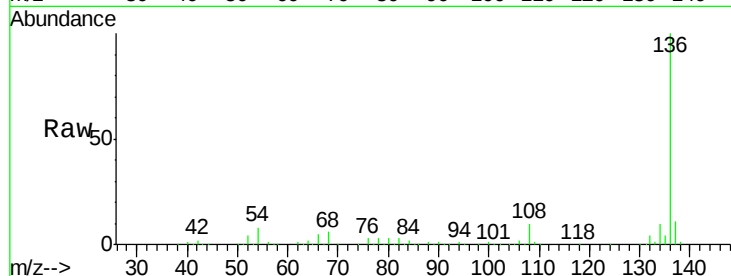




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	447135
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.5	6.6 9.8
68	5.9	5.0 7.4

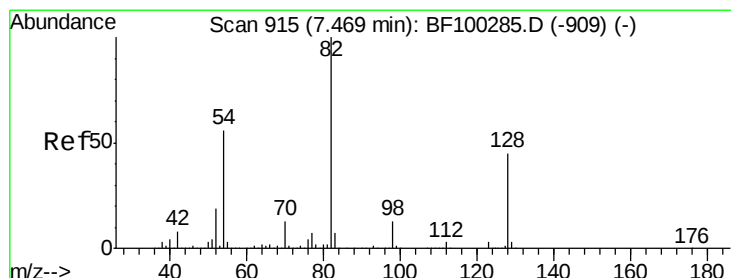
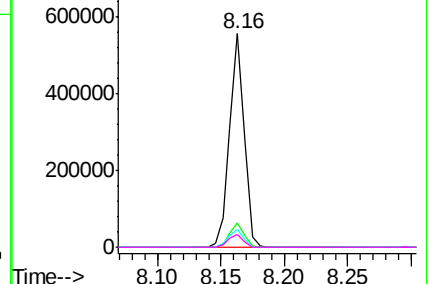
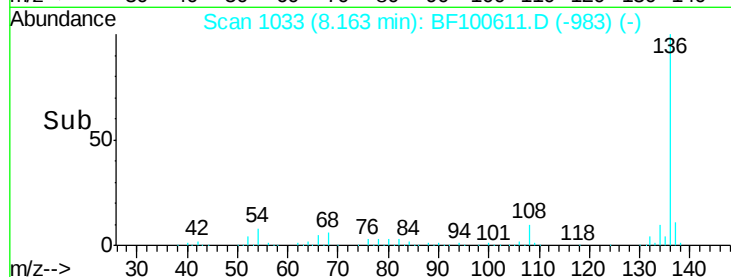


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

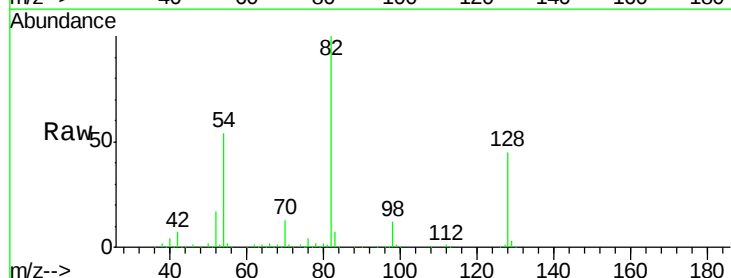
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 103.73 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

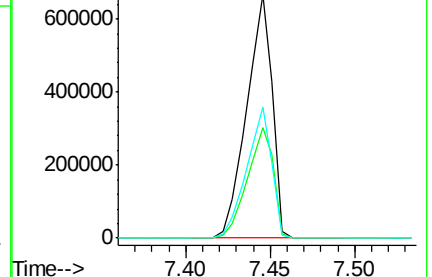
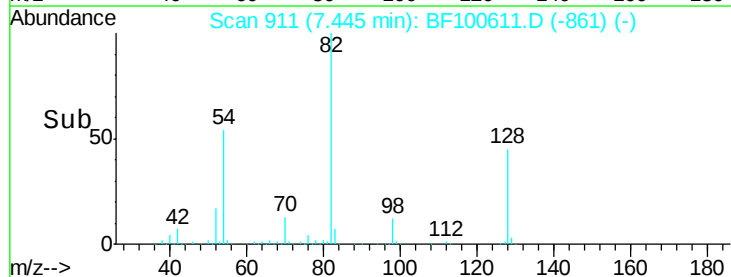
Tgt Ion: 82	Resp:	701547
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	53.8	41.4 62.2

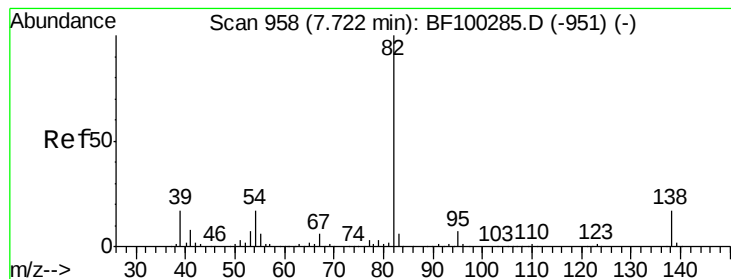


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.33 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100611.D

Acq: 16 Nov 2017 2:33

Instrument :

BNA_F

ClientSampleId :

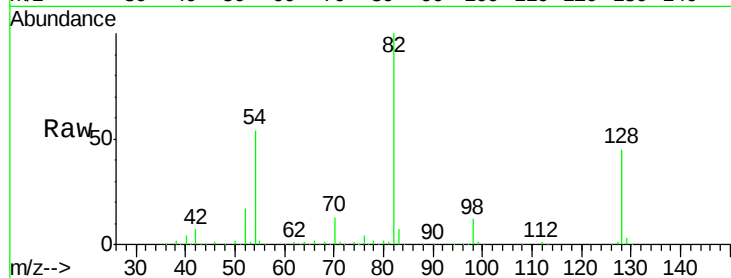
Tot Ion: 82 Resp: 701118

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

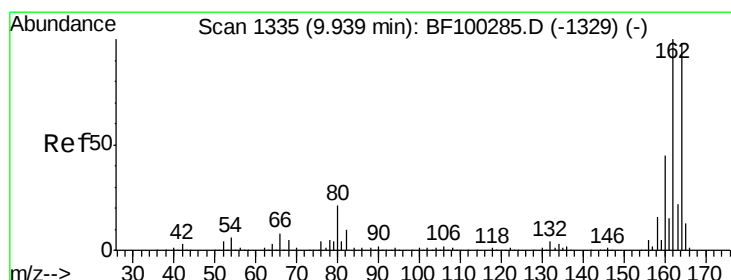
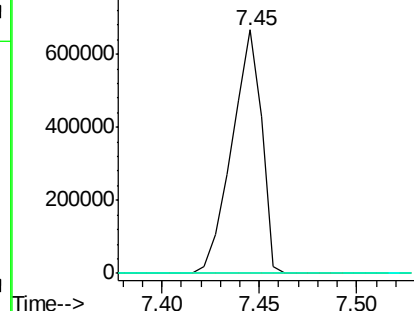
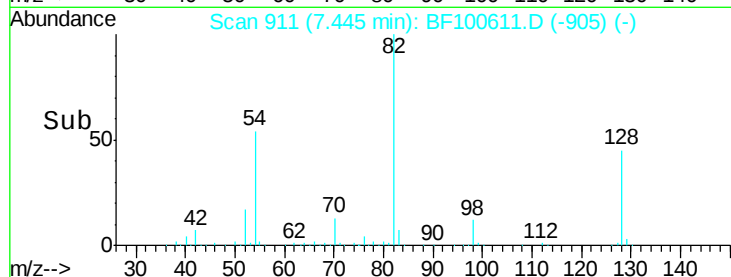
138 0.0 14.9 22.3#



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: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100611.D

Acq: 16 Nov 2017 2:33

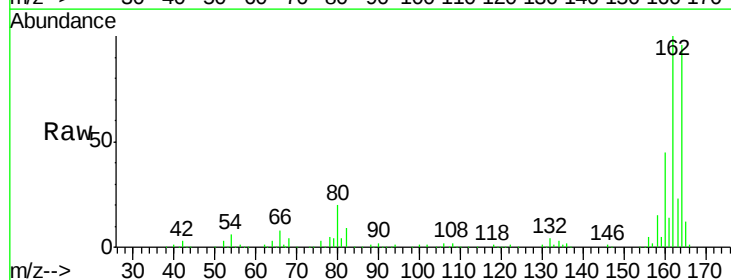
Tgt Ion:164 Resp: 200873

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

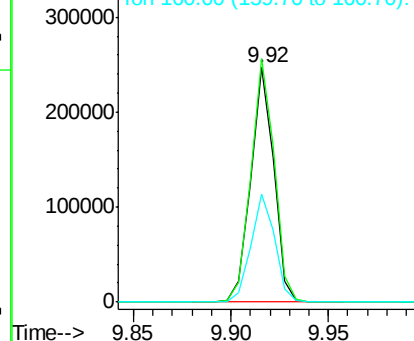
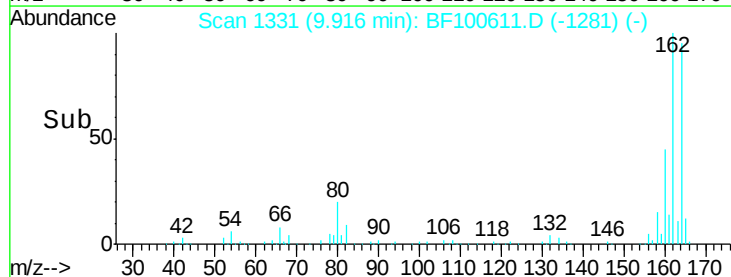
160 46.3 38.3 57.5

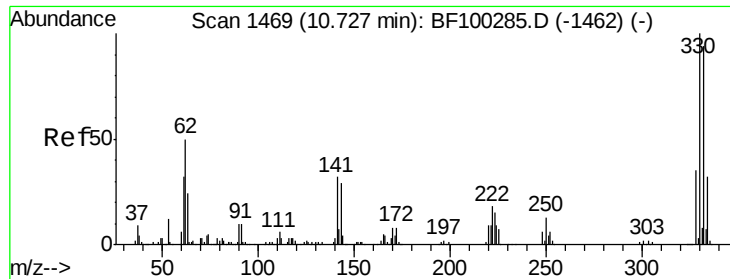


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

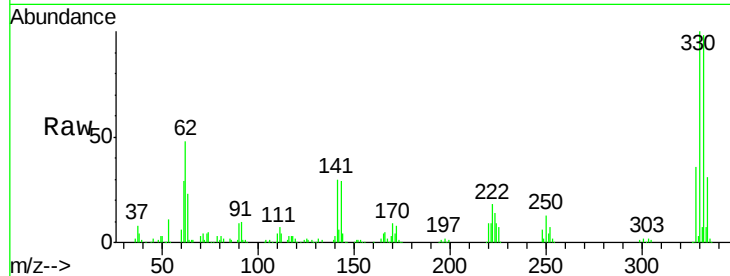




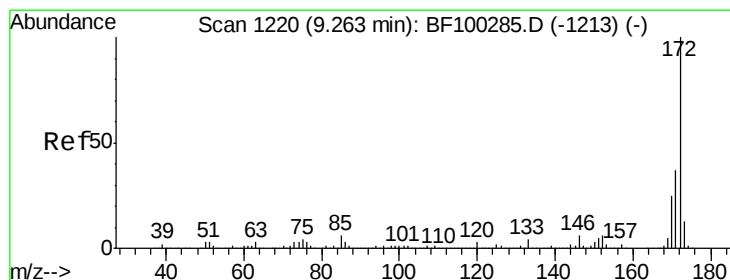
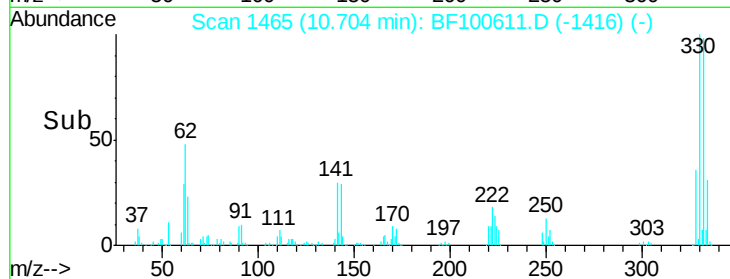
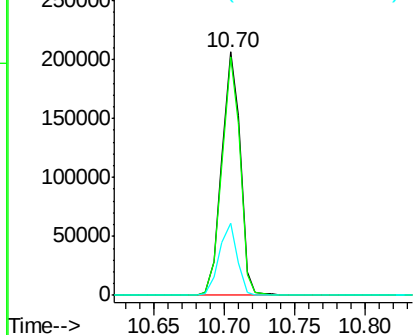
#41
 2,4,6-Tribromophenol
 Concen: 92.41 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100611.D
 Acq: 16 Nov 2017 2:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	29.0	29.9	44.9#

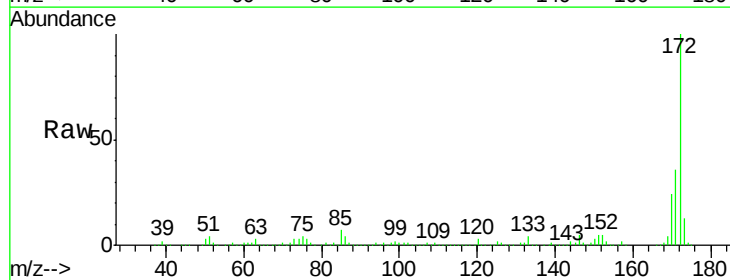


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

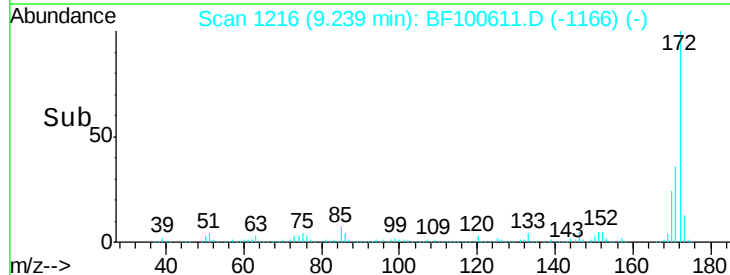
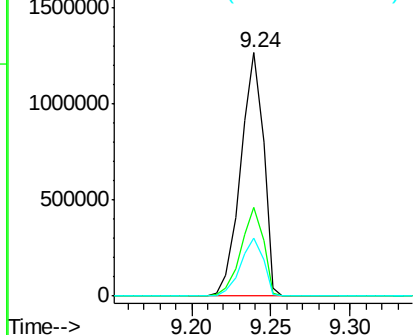


#44
 2-Fluorobiphenyl
 Concen: 95.62 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100611.D
 Acq: 16 Nov 2017 2:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	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

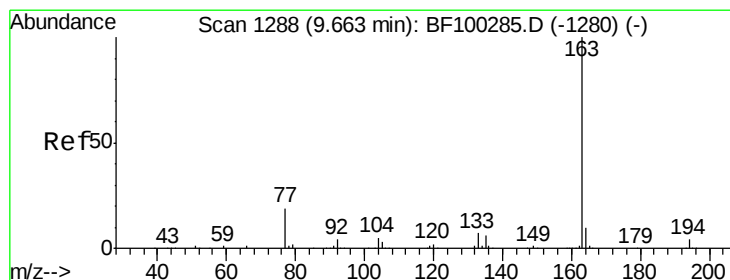
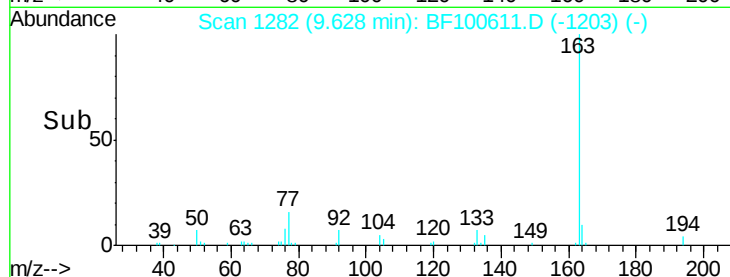
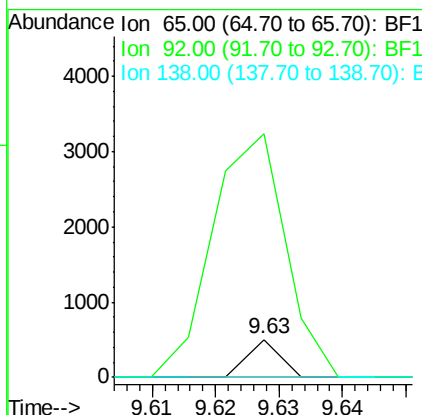
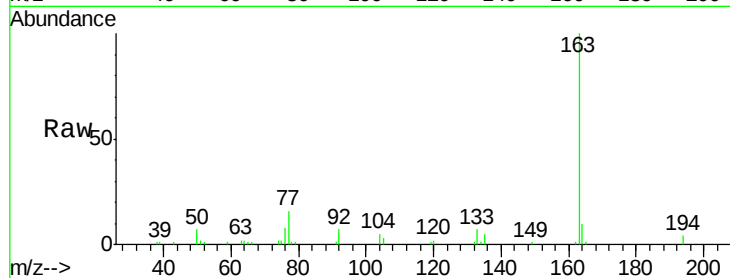




#47
2-Nitroaniline
Concen: 2.83 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

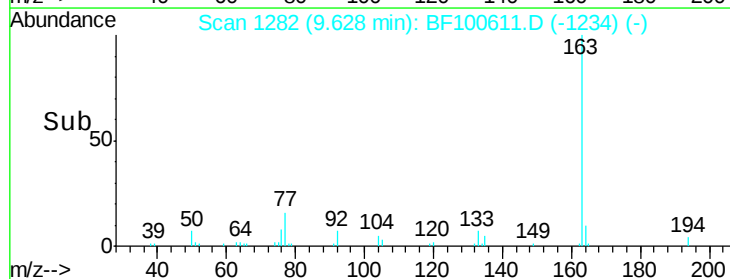
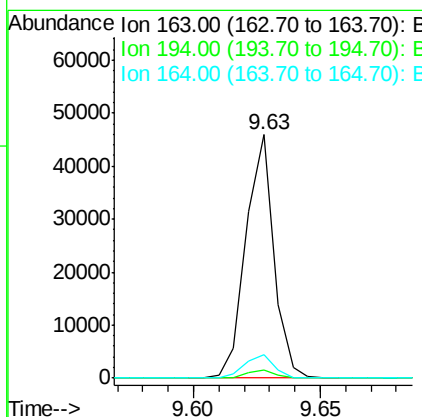
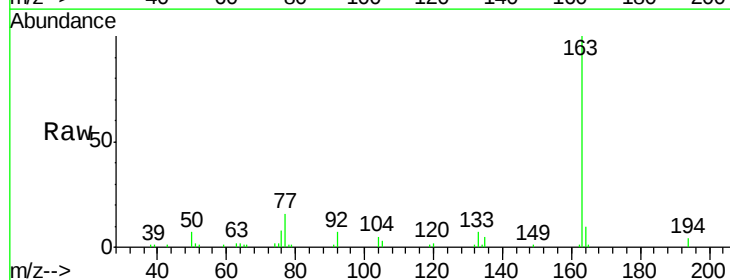
Instrument :
BNA_F
ClientSampleId :

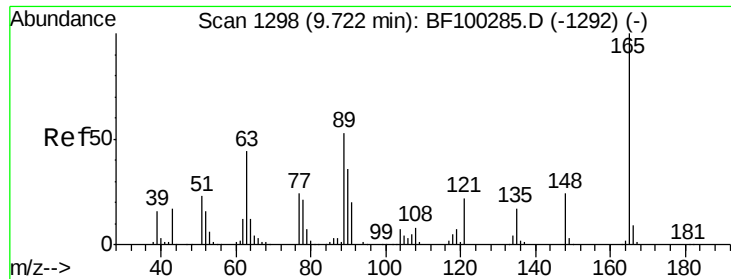
Tot Ion: 65 Resp: 177
Ion Ratio Lower Upper
65 100
92 645.9 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 2.30 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:163 Resp: 35331
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2

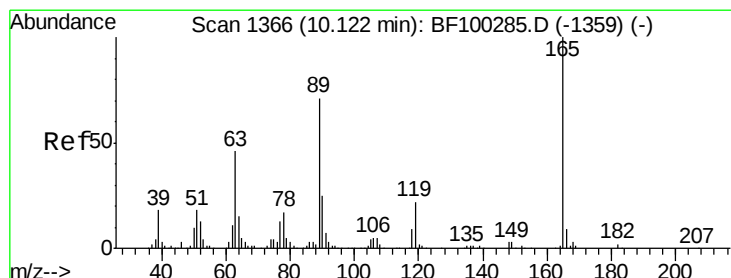
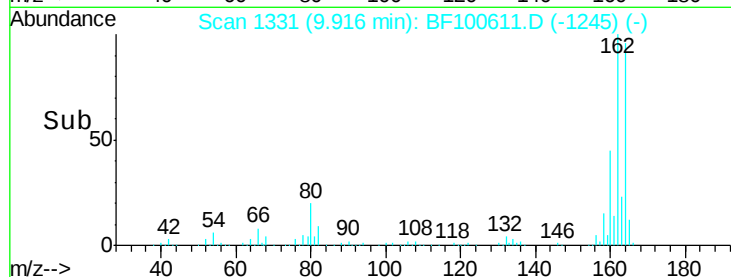
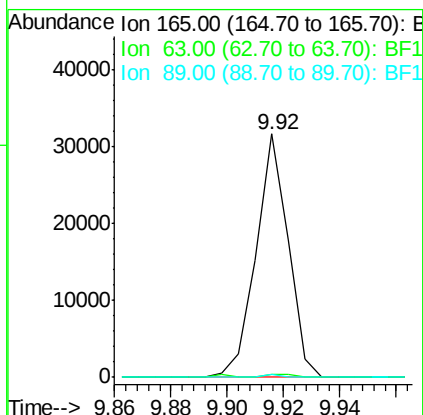
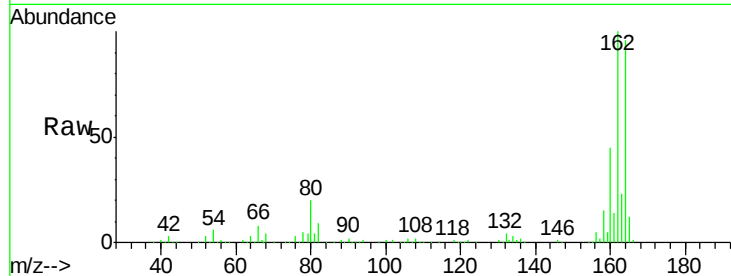




#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100611.D
 Acq: 16 Nov 2017 2:33

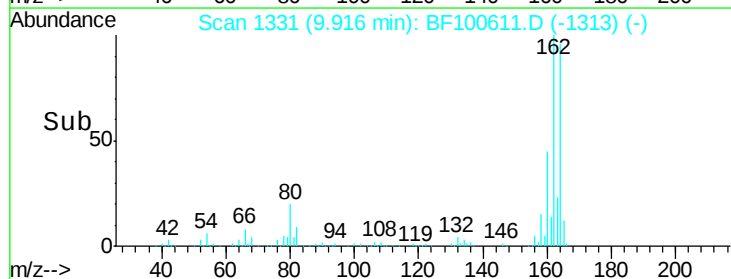
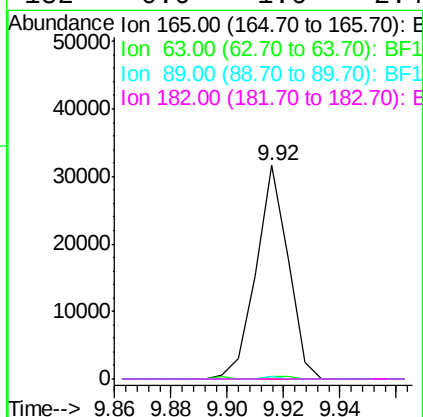
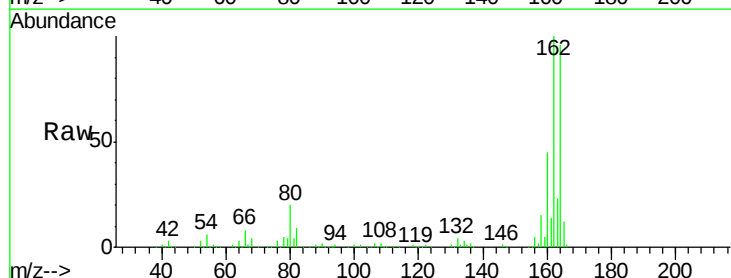
Instrument :
 BNA_F
 ClientSampleId :

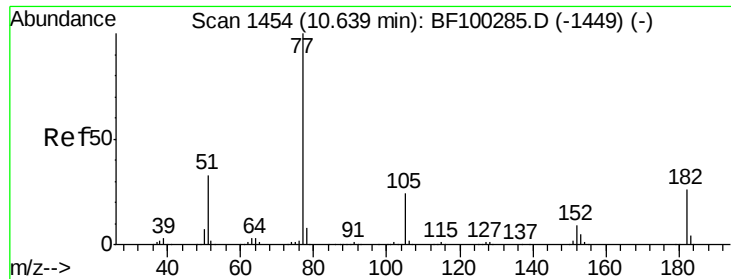
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100611.D
 Acq: 16 Nov 2017 2:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 3.44 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100611.D

Acq: 16 Nov 2017 2:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 49721

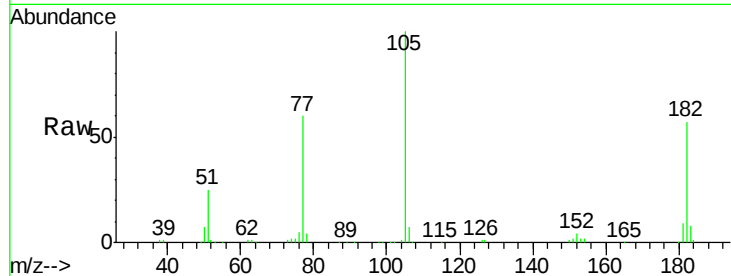
Ion Ratio Lower Upper

77 100

182 94.8 1.7 41.7#

105 166.3 3.0 43.0#

51 40.9 9.9 49.9

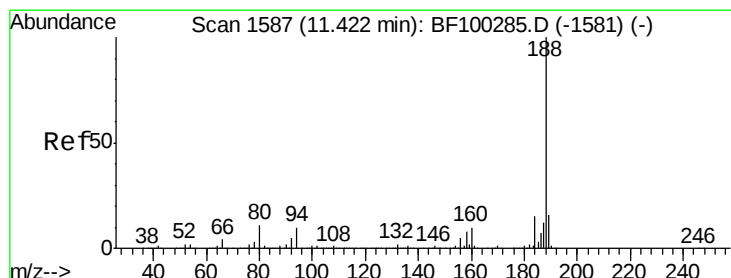
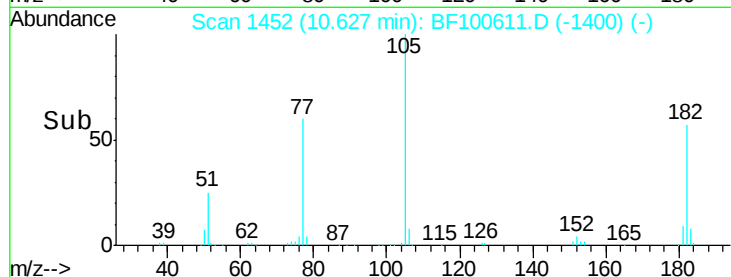
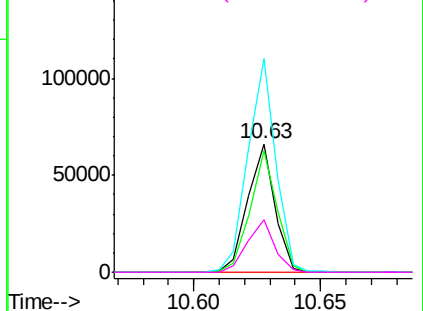


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100611.D

Acq: 16 Nov 2017 2:33

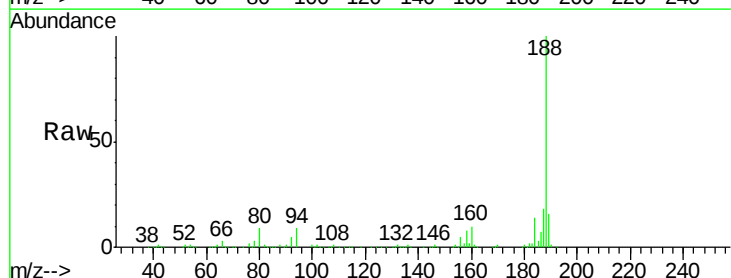
Tgt Ion: 188 Resp: 348052

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

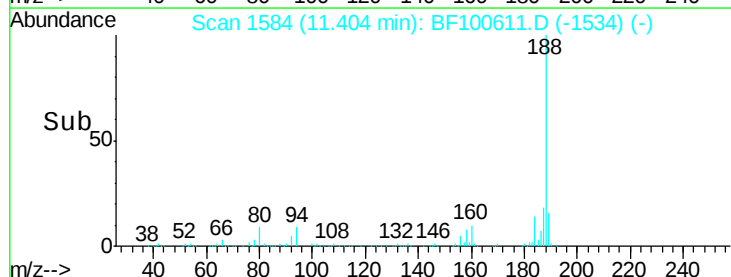
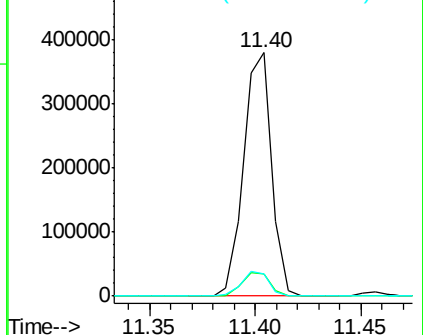
80 9.2 9.2 13.8

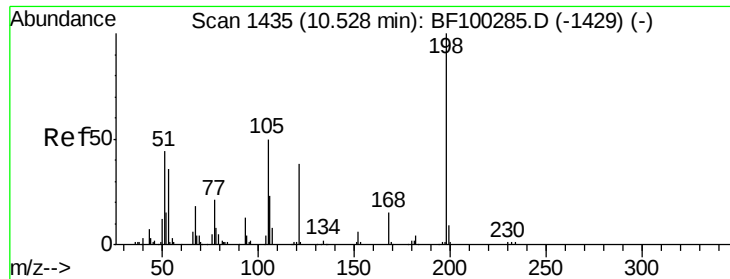


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

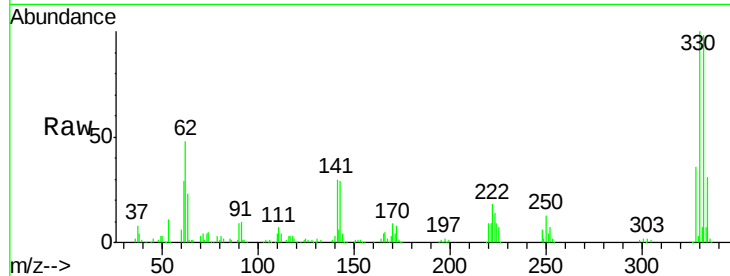




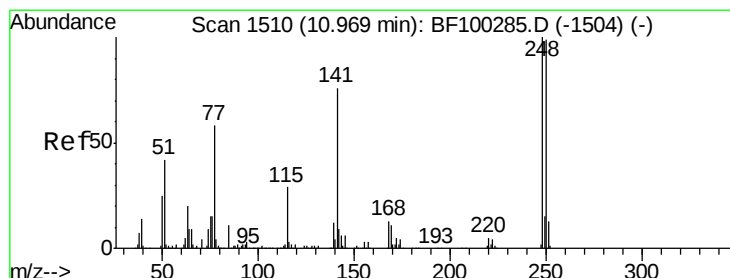
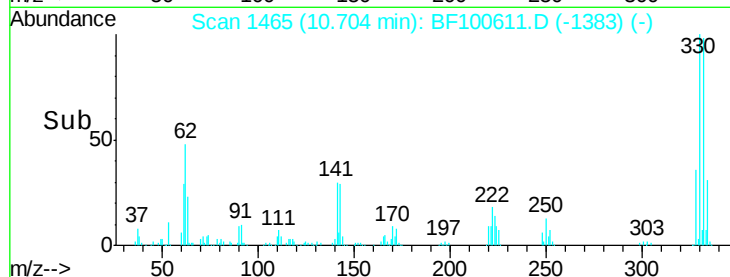
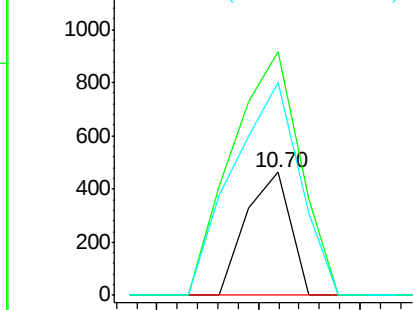
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.70 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF100611.D
 Acq: 16 Nov 2017 2:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 279
 Ion Ratio Lower Upper
 198 100
 51 197.8 37.7 77.7#
 105 173.4 36.3 76.3#

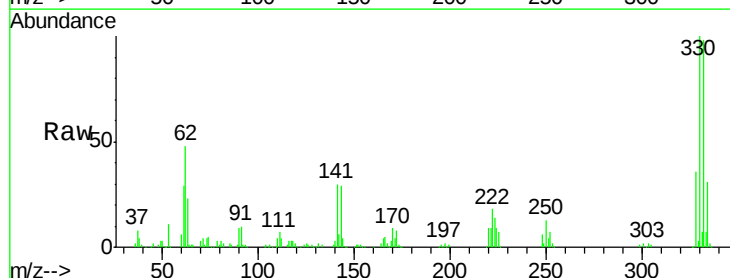


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

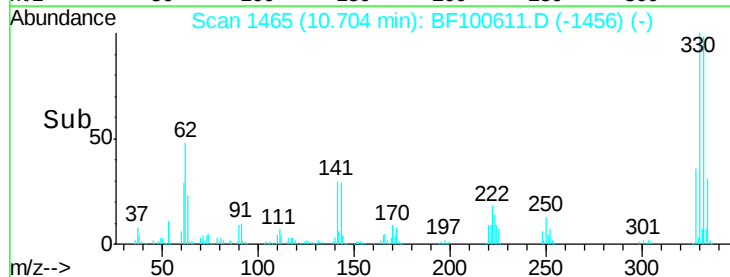
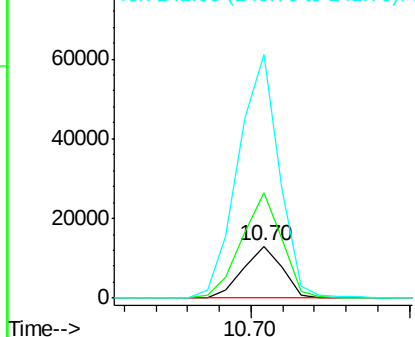


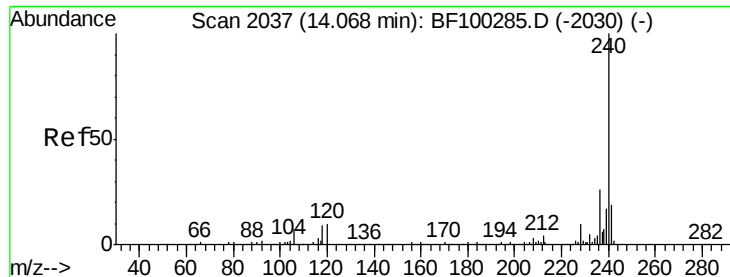
#66
 4-Bromophenyl-phenylether
 Concen: 3.00 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100611.D
 Acq: 16 Nov 2017 2:33

Tgt Ion:248 Resp: 11178
 Ion Ratio Lower Upper
 248 100
 250 202.7 76.9 115.3#
 141 470.9 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: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100611.D

Acq: 16 Nov 2017 2:33

Instrument :

BNA_F

ClientSampleId :

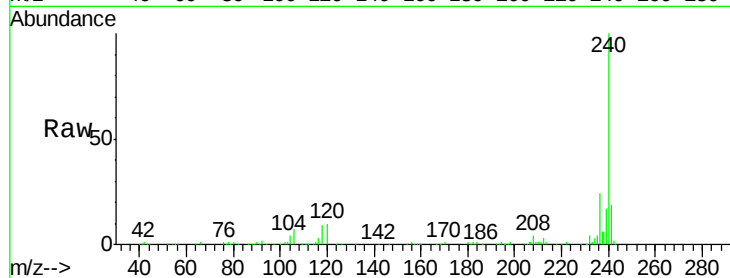
Tot Ion:240 Resp: 229295

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

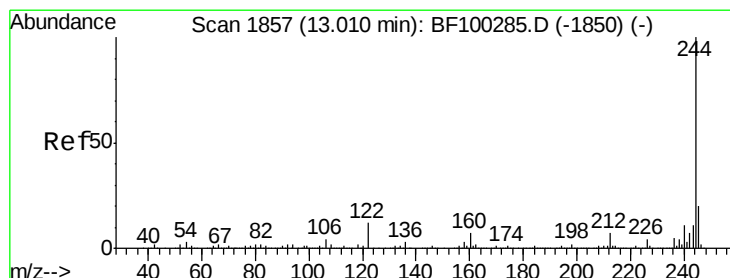
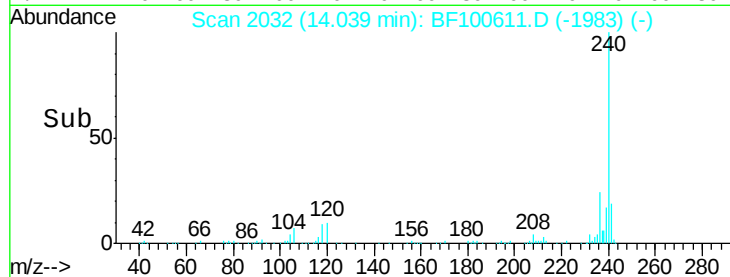
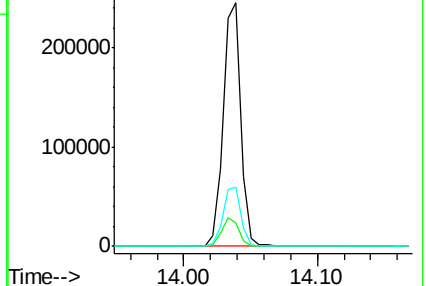
236 24.4 20.7 31.1



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: 93.36 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100611.D

Acq: 16 Nov 2017 2:33

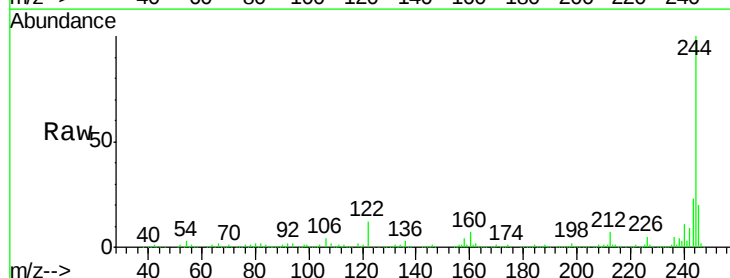
Tgt Ion:244 Resp: 931666

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

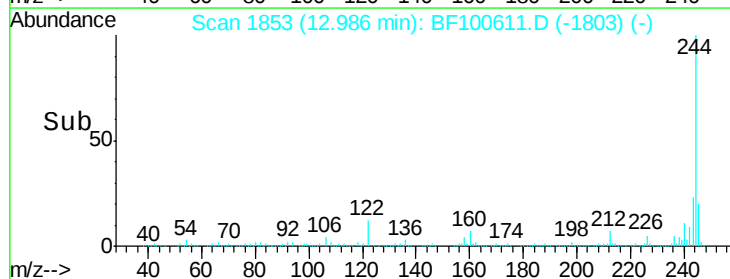
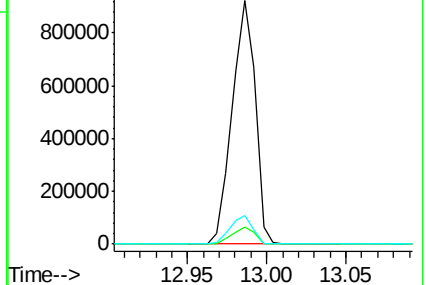
122 11.9 11.0 16.4

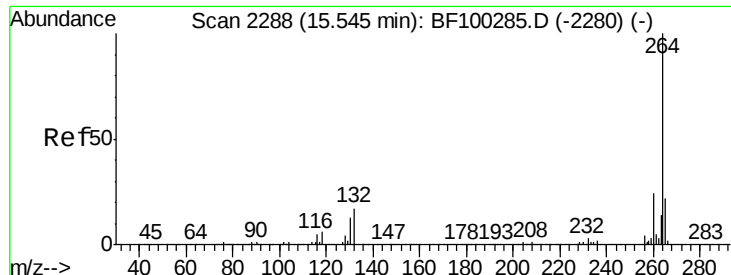


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

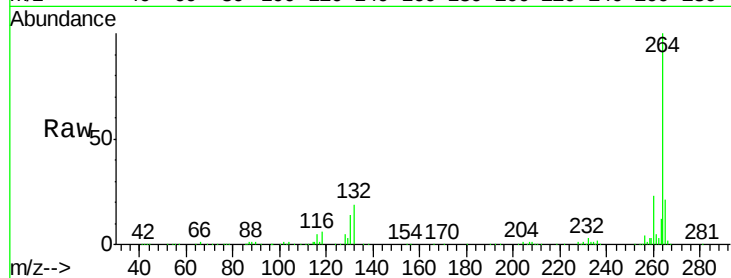




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	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

