

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100863.D
 Acq On : 23 Nov 2017 9:47
 Operator : SJ/JU
 Sample : I6541-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:51:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	76771	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	292956	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	130931	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	216120	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	141790	20.00	ng	-0.02
86) Perylene-d12	15.49	264	157945	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	206963	43.21	ng	-0.02
7) Phenol-d6	6.48	99	164702	27.89	ng	-0.03
23) Nitrobenzene-d5	7.43	82	475549	107.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	123966	92.91	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	916189	106.55	ng	-0.02
78) Terphenyl-d14	12.97	244	603168	97.74	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.63	93	424	0.051	ng	# 1
9) Benzaldehyde	6.63	77	6969	1.652	ng	# 87
10) Phenol	6.49	94	6713	1.083	ng	# 98
11) bis(2-Chloroethyl)ether	6.63	93	424	0.081	ng	# 1
15) Benzyl Alcohol	7.02	79	7098	1.540	ng	# 48
19) n-Nitroso-di-n-propylamine	7.43	70	61884	15.110	ng	# 77
24) Nitrobenzene	7.43	77	1089	0.239	ng	# 38
25) Isophorone	7.43	82	475540	51.069	ng	# 64
45) 1,1'-Biphenyl	9.22	154	1613	0.142	ng	# 1
47) 2-Nitroaniline	9.22	65	1394	3.325	ng	# 1
49) Dimethylphthalate	9.60	163	5259	0.526	ng	# 94
50) 2,6-Dinitrotoluene	9.89	165	16849	8.515	ng	# 24
51) Acenaphthene	9.89	154	342	0.041	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	16849	6.750	ng	# 21
57) Fluorene	10.69	166	5661	0.666	ng	# 93
59) Diethylphthalate	10.30	149	1632	0.163	ng	# 87
62) Azobenzene	10.69	77	370	0.039	ng	# 34
65) n-Nitrosodiphenylamine	10.69	169	3488	0.464	ng	# 39
66) 4-Bromophenyl-phenvlether	10.69	248	7965	3.438	ng	# 1
70) Phenanthrene	11.40	178	127	0.011	ng	# 59
71) Anthracene	11.40	178	127	0.011	ng	# 60
73) Di-n-butylphthalate	11.93	149	1204	0.097	ng	# 78
76) Benzidine	12.97	184	7219	1.271	ng	# 90
77) Pyrene	12.97	202	1764	0.175	ng	# 55
80) Benzo(a)anthracene	14.02	228	297	0.035	ng	# 51
82) Chrysene	14.04	228	136	0.016	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	757	0.140	ng	# 53
84) Di-n-octyl phthalate	14.60	149	122	0.013	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.96	276	241	0.036	ng	# 46
87) Benzo(b)fluoranthene	15.06	252	420	0.045	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	471	0.053	ng	# 59
89) Benzo(a)pyrene	15.49	252	445	0.054	ng	# 60

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 23 23:51:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

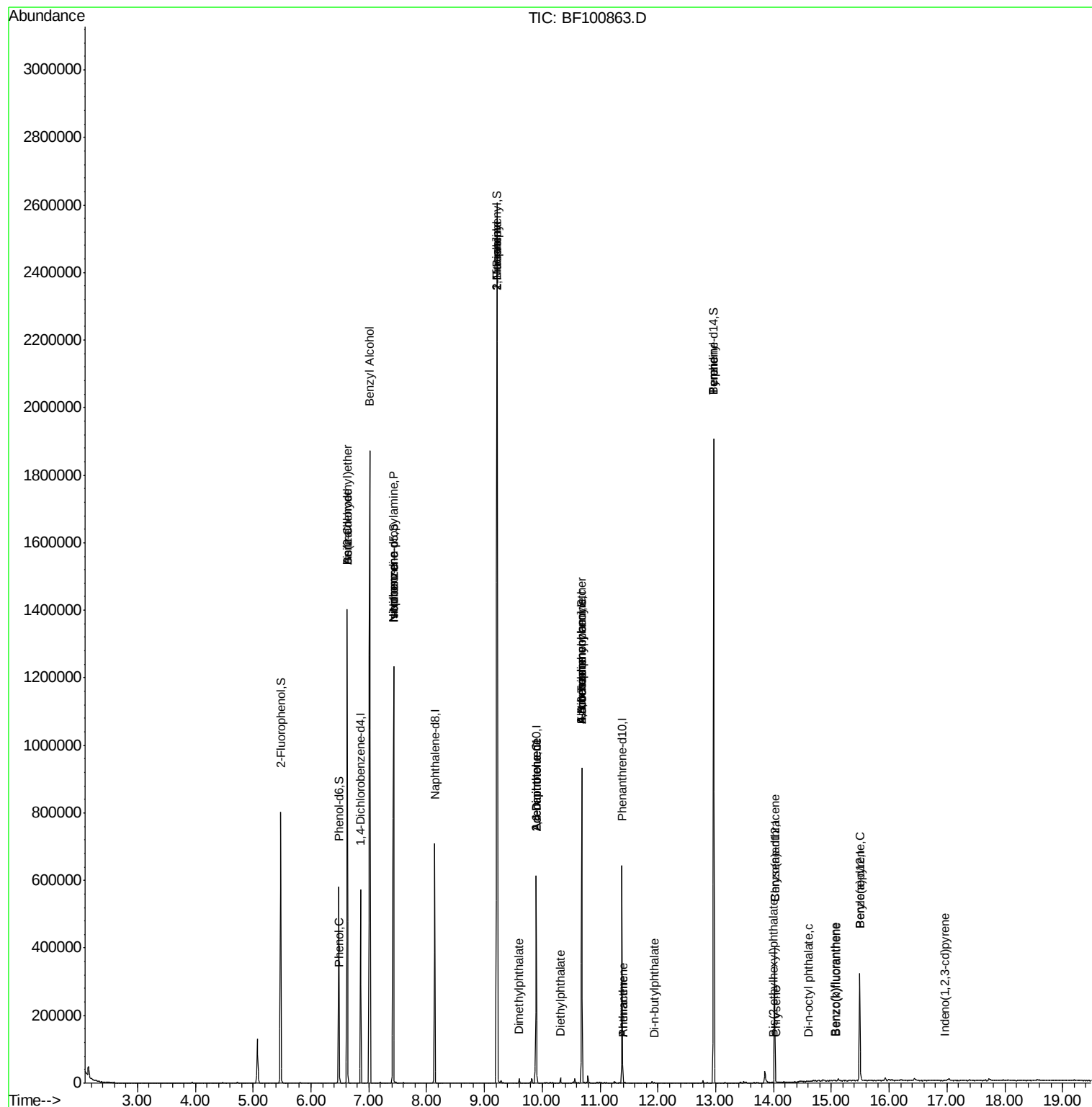
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

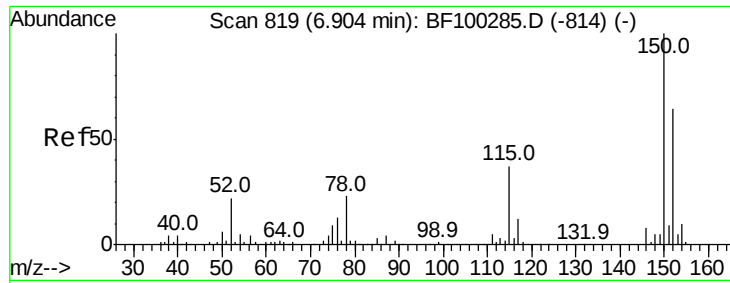
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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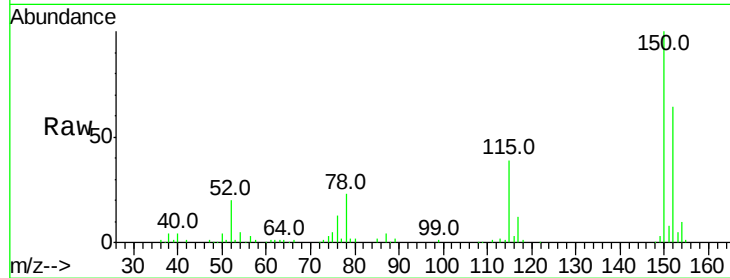


#1

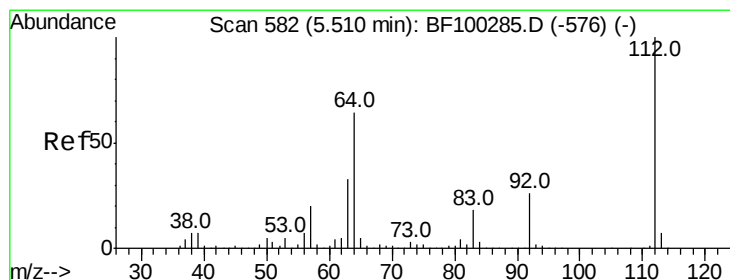
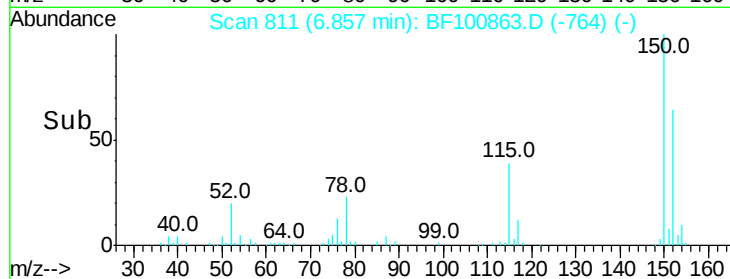
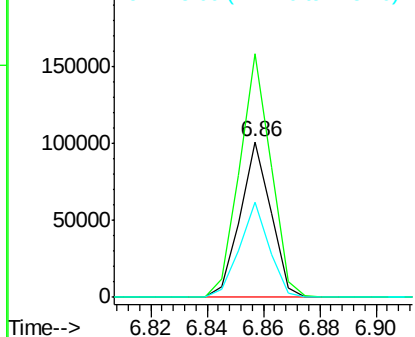
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76771
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.1 50.1 75.1



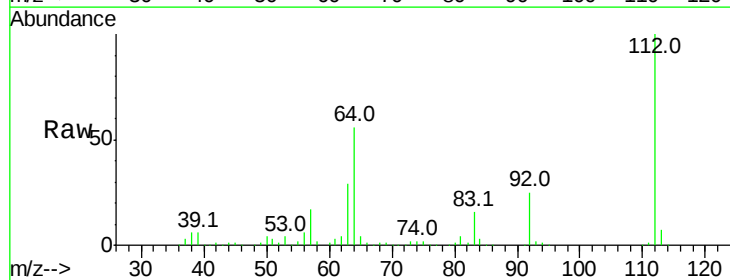
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



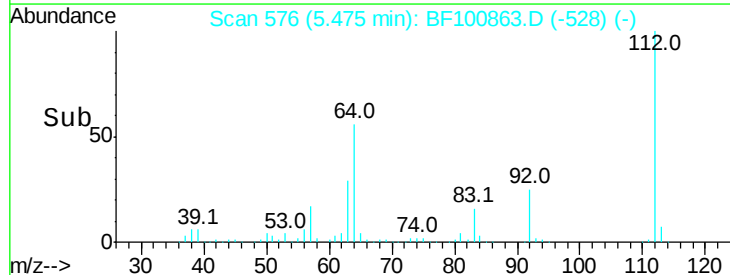
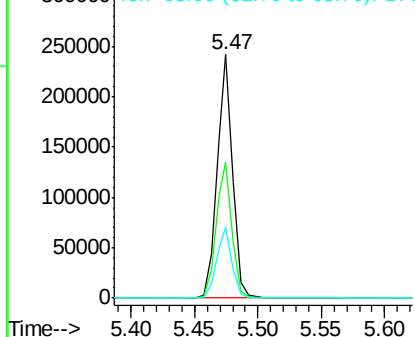
#5

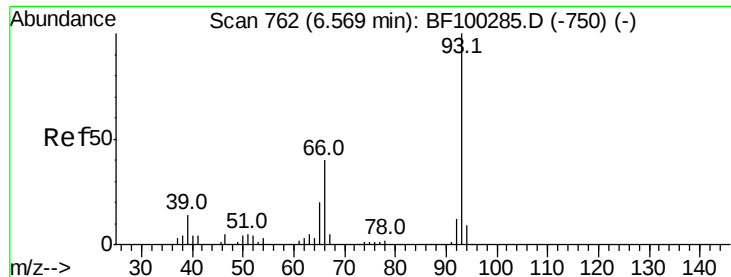
2-Fluorophenol
Concen: 43.214 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion:112 Resp: 206963
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 29.3 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





#6

Aniline

Concen: 0.051 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.08 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

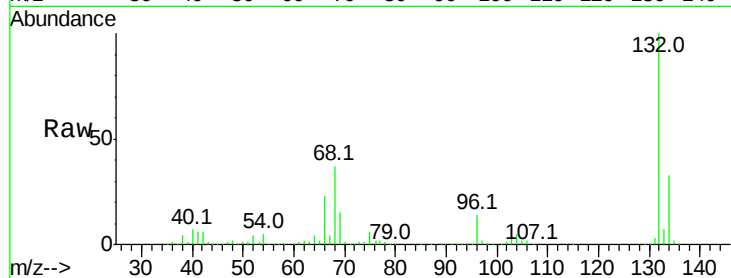
Tot Ion: 93 Resp: 424

Ion Ratio Lower Upper

93 100

66 13309.1 32.2 48.2#

65 1063.6 16.4 24.6#



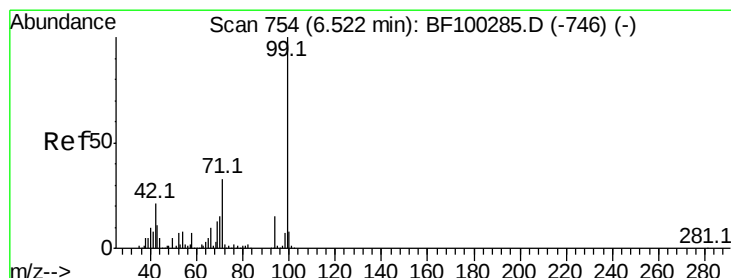
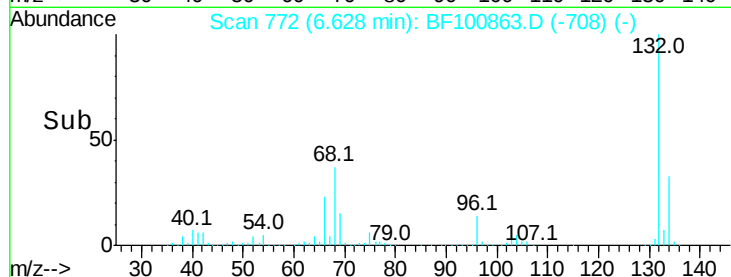
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

100000

50000

0

Time-->



#7

Phenol-d6

Concen: 27.888 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

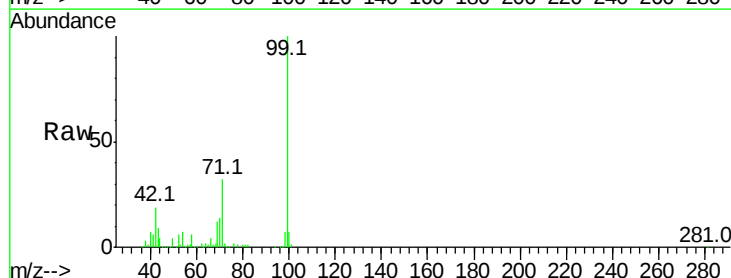
Tgt Ion: 99 Resp: 164702

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 32.1 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

250000

200000

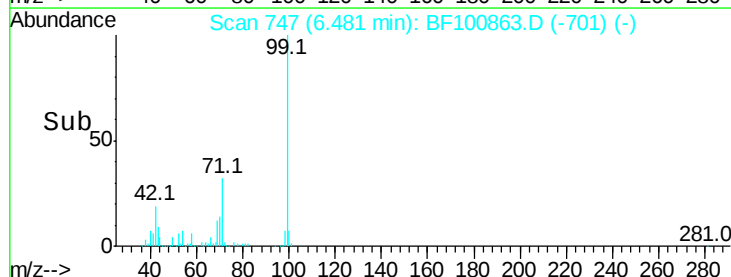
150000

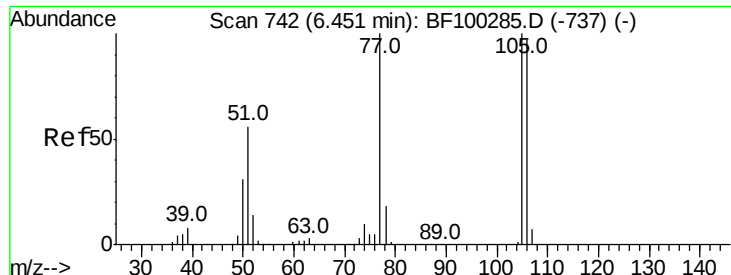
100000

50000

0

Time-->

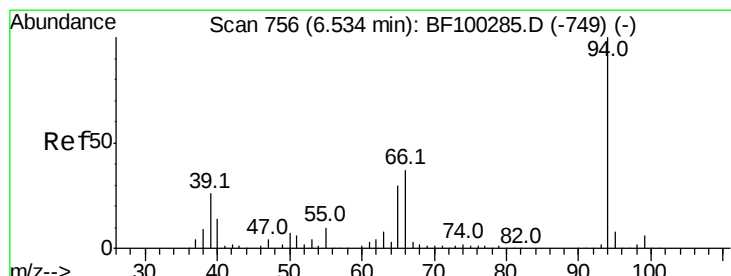
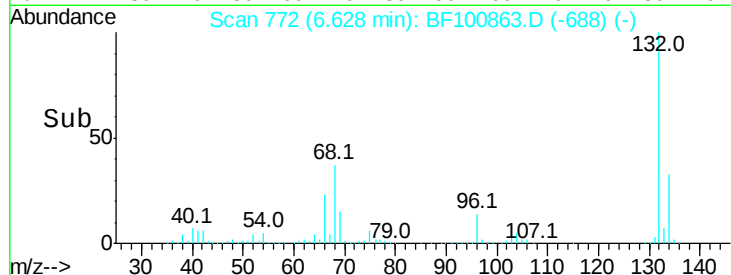
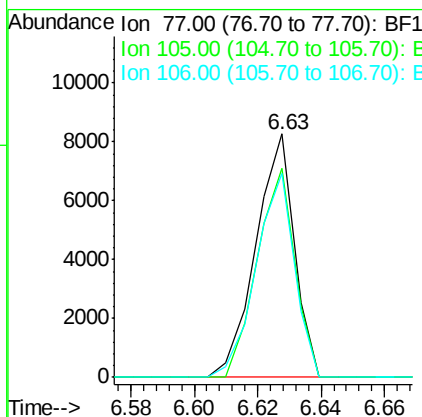
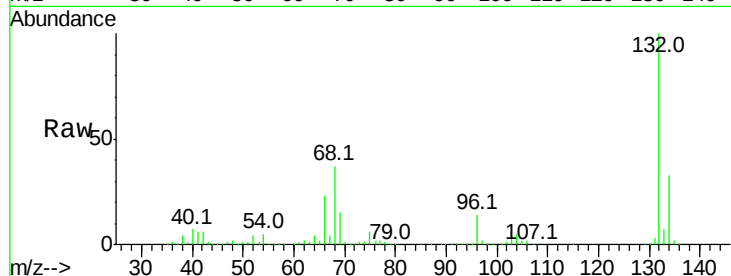




#9
Benzaldehyde
Concen: 1.652 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.19 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

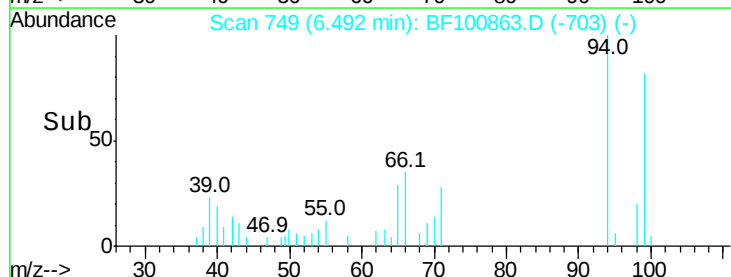
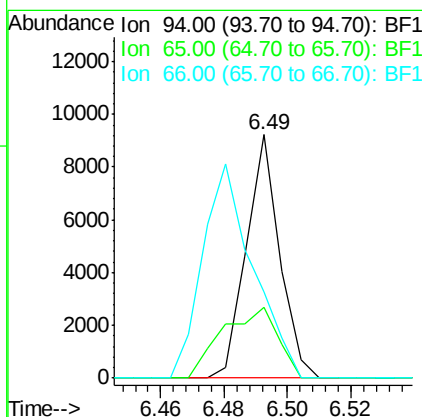
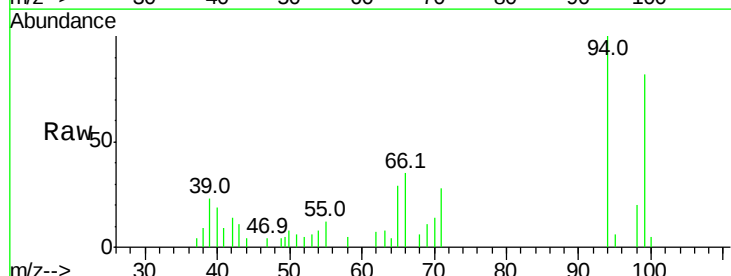
Instrument :
BNA_F
ClientSampleId :

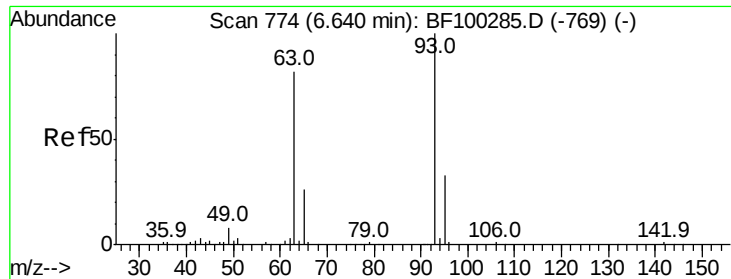
Tot Ion: 77 Resp: 6969
Ion Ratio Lower Upper
77 100
105 86.0 81.1 121.1
106 83.7 74.5 114.5



#10
Phenol
Concen: 1.083 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion: 94 Resp: 6713
Ion Ratio Lower Upper
94 100
65 29.3 7.9 47.9
66 35.4 16.2 56.2

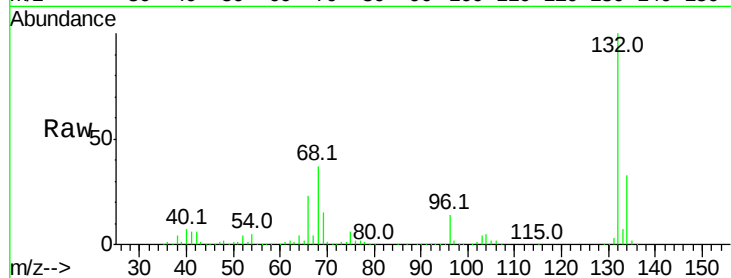




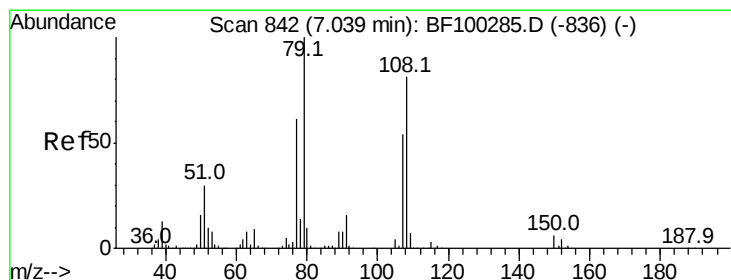
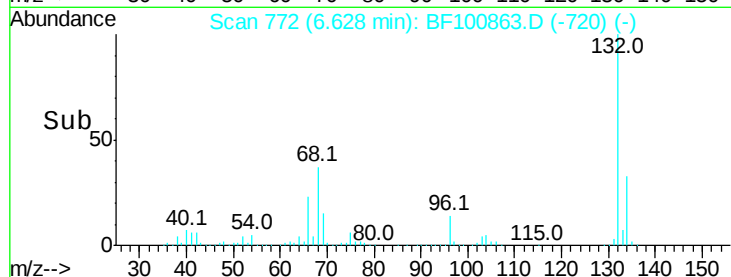
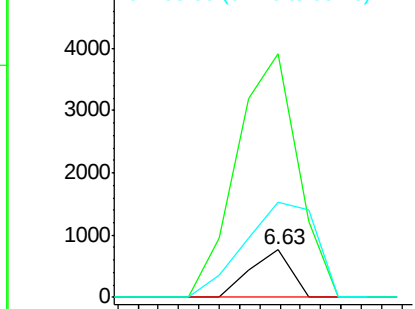
#11
bis(2-Chloroethyl)ether
Concen: 0.081 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 424
Ion Ratio Lower Upper
93 100
63 515.5 58.6 98.6#
95 201.6 11.8 51.8#

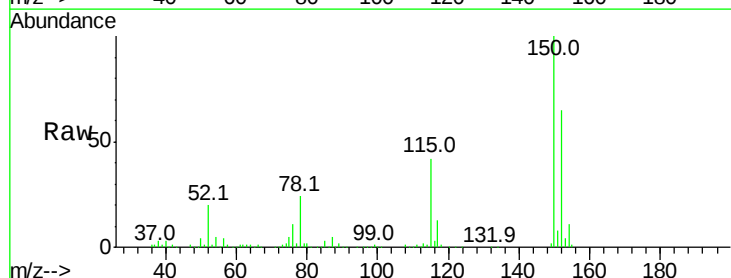


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

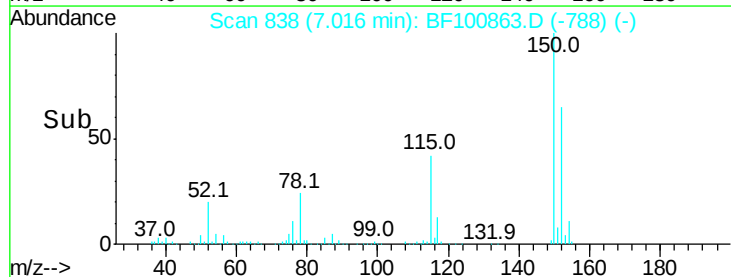
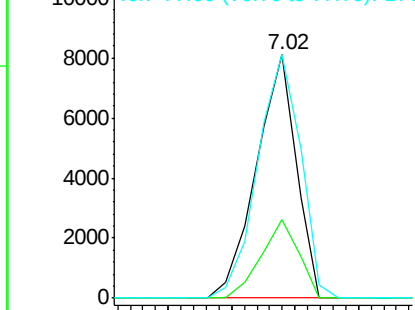


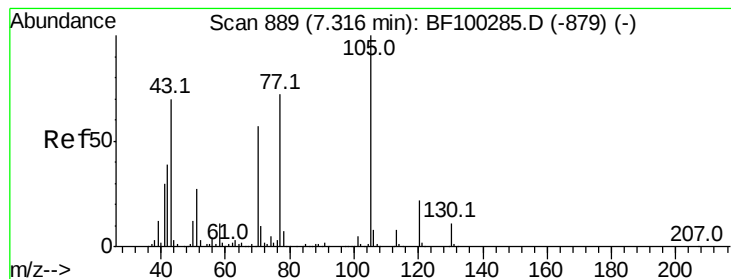
#15
Benzyl Alcohol
Concen: 1.540 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion: 79 Resp: 7098
Ion Ratio Lower Upper
79 100
108 32.1 65.1 97.7#
77 100.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.110 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.13 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 61884

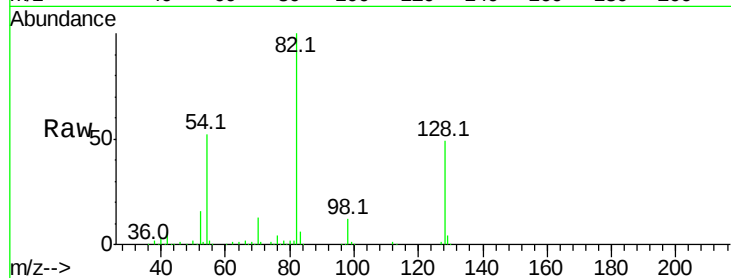
Ion Ratio Lower Upper

70 100

42 47.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

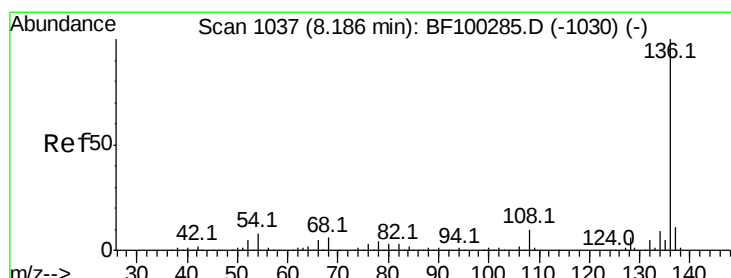
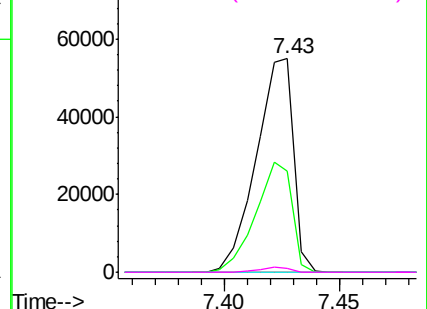
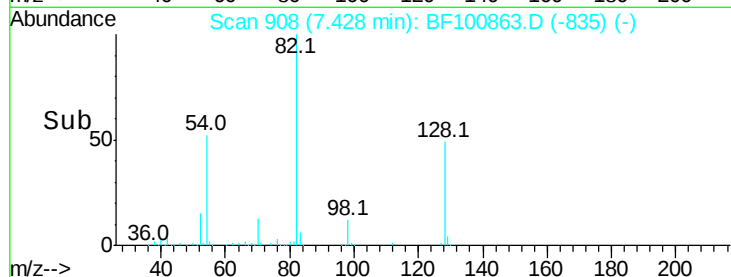


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Tgt Ion:136 Resp: 292956

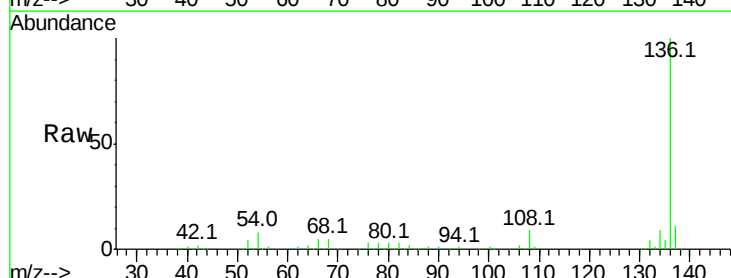
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.0 5.0 7.4

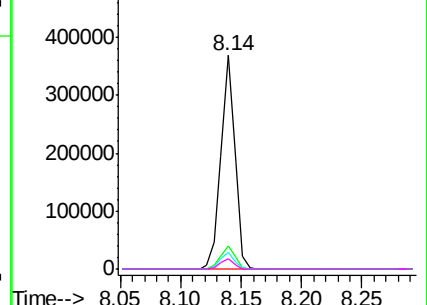
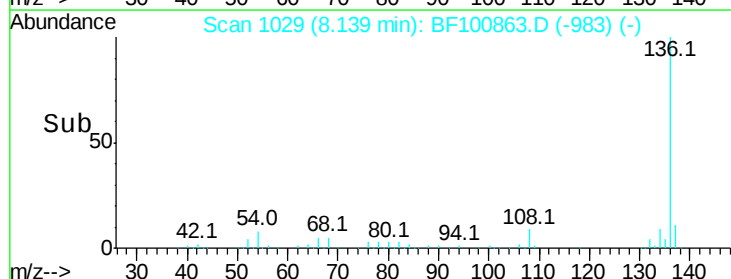


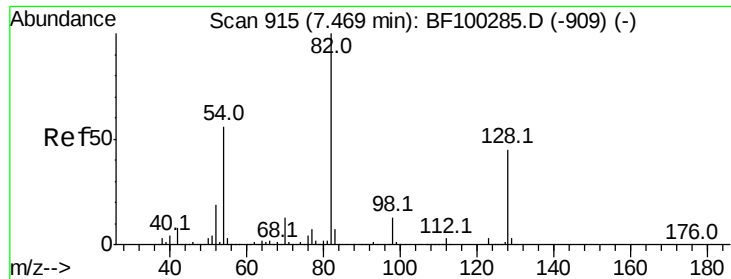
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

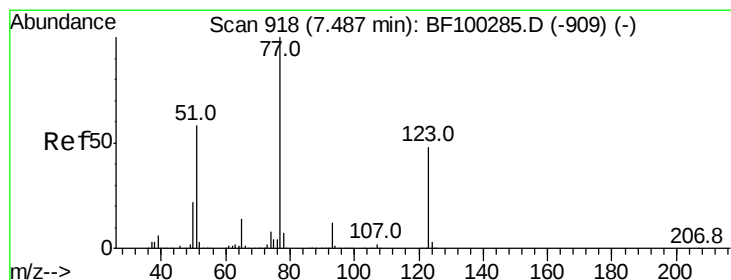
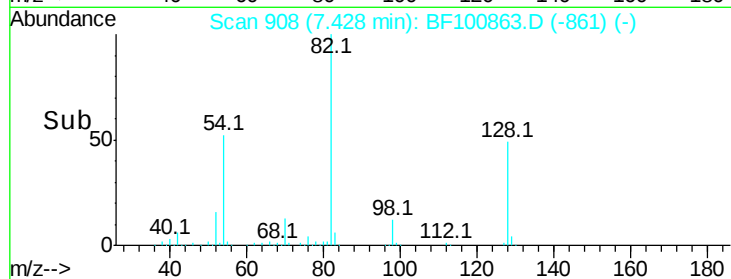
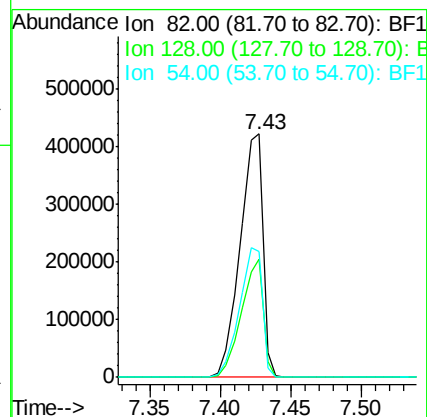
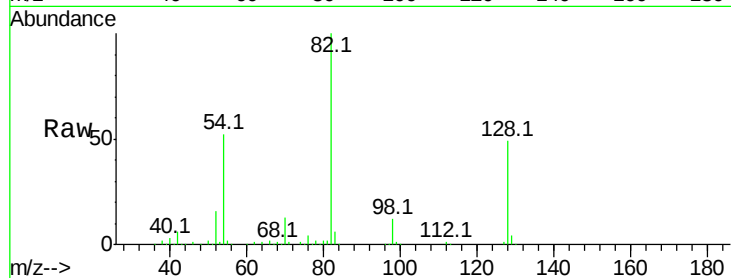




#23
Nitrobenzene-d5
Concen: 107.320 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

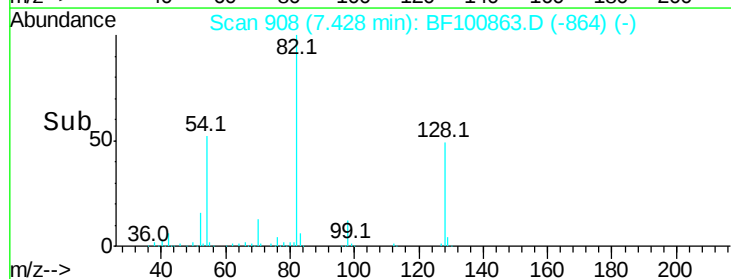
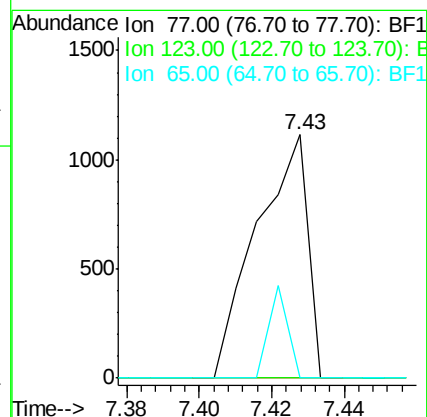
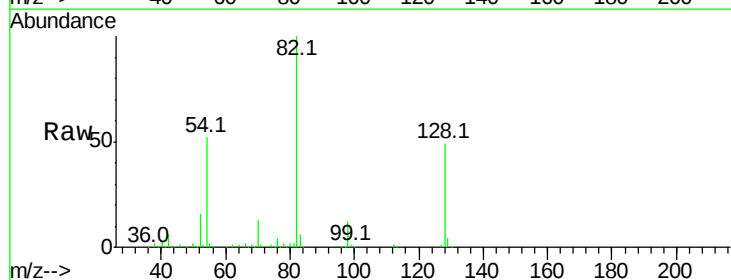
Instrument :
BNA_F
ClientSampled :

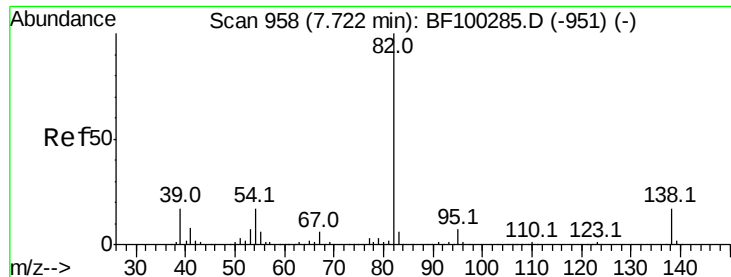
Tot Ion: 82 Resp: 475549
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 51.8 41.4 62.2



#24
Nitrobenzene
Concen: 0.239 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.04 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion: 77 Resp: 1089
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 11.0 16.4#





#25

Isophorone

Concen: 51.069 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

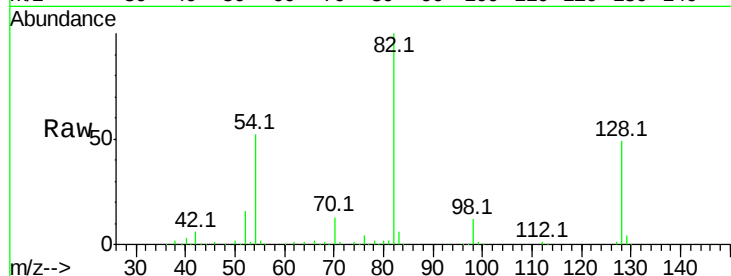
Tot Ion: 82 Resp: 475540

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

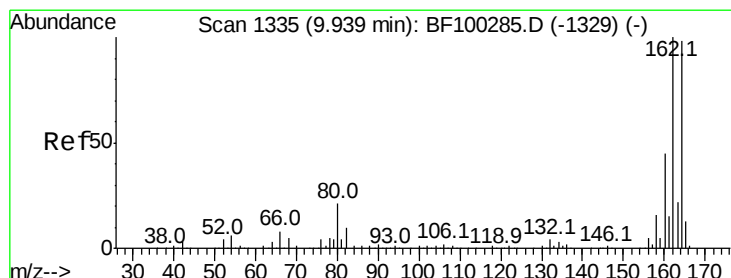
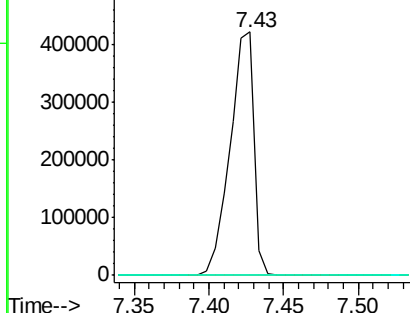
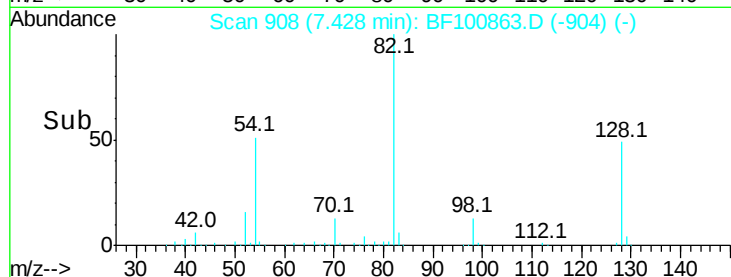
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

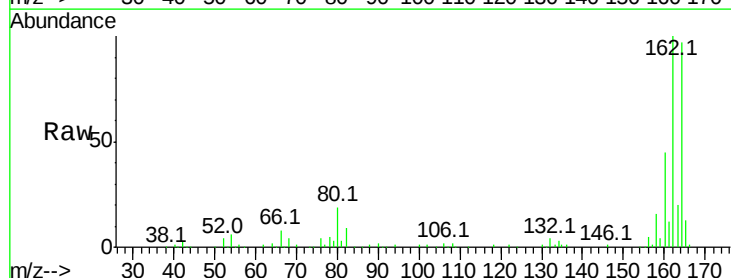
Tgt Ion: 164 Resp: 130931

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

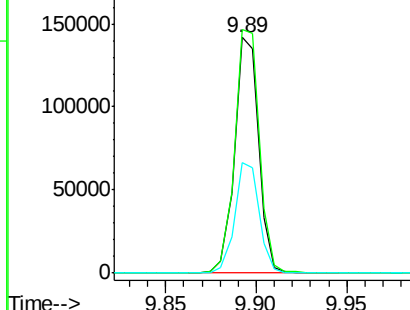
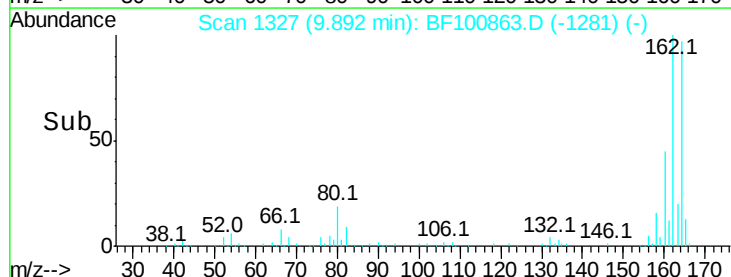
160 46.8 38.3 57.5

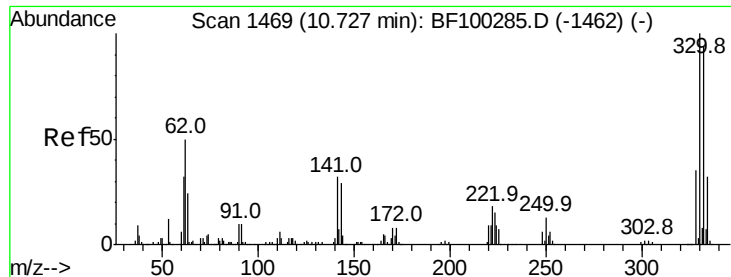


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

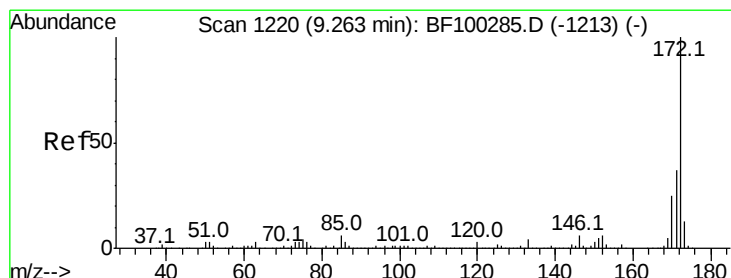
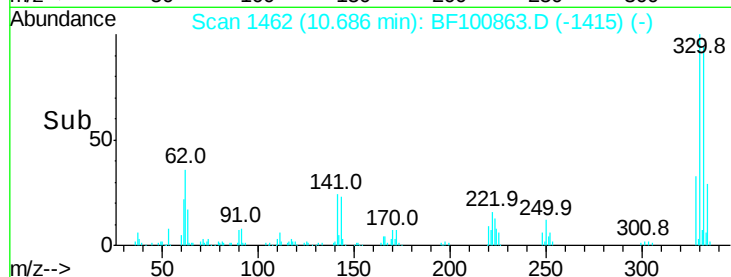
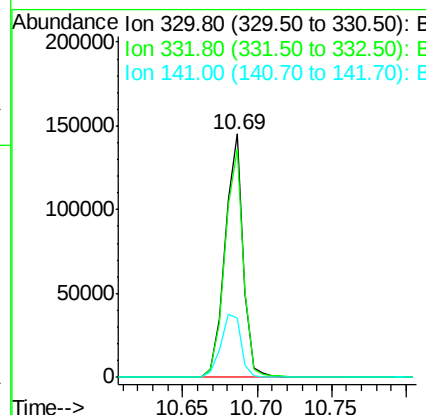
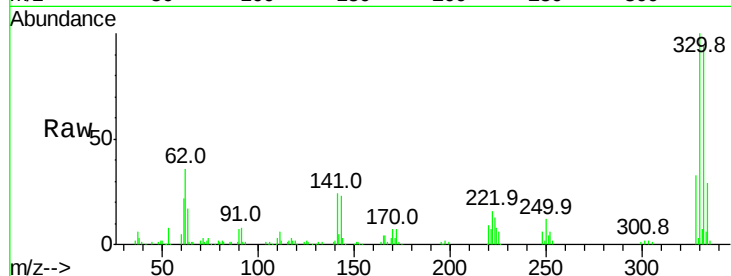




#41
 2,4,6-Tribromophenol
 Concen: 92.915 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

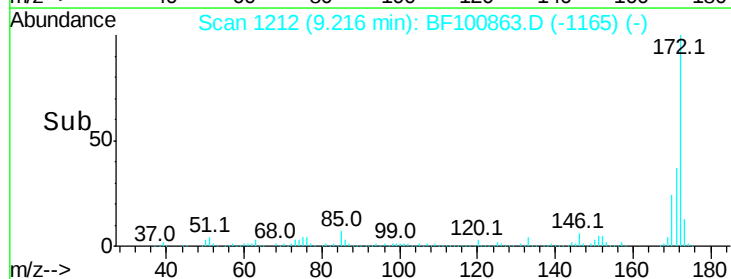
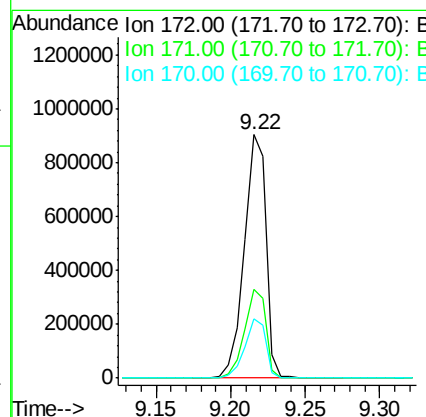
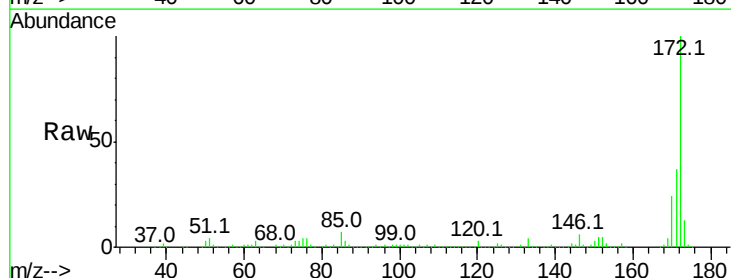
Instrument :
 BNA_F
 ClientSampleId :

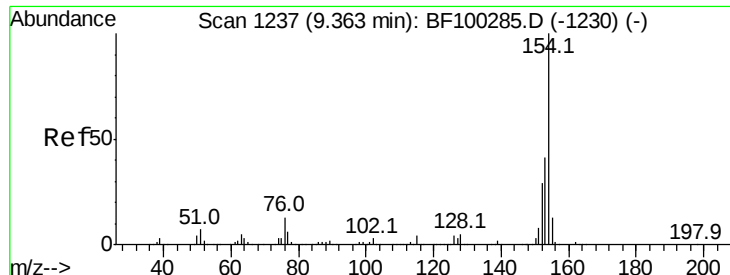
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	28.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 106.552 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

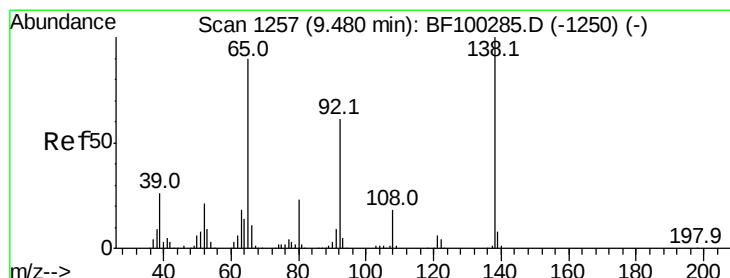
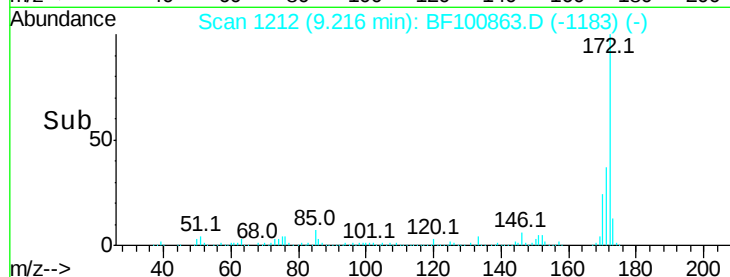
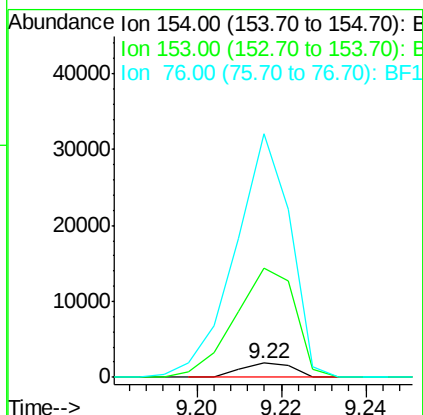
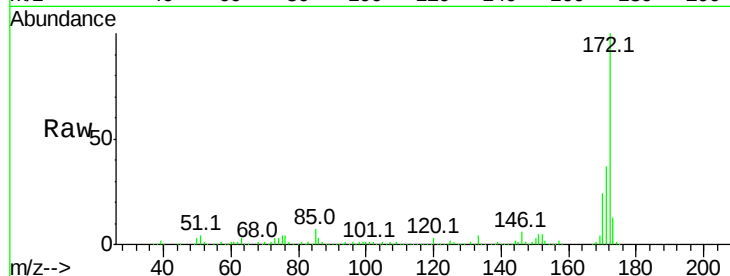




#45
 1,1'-Biphenyl
 Concen: 0.142 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.13 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

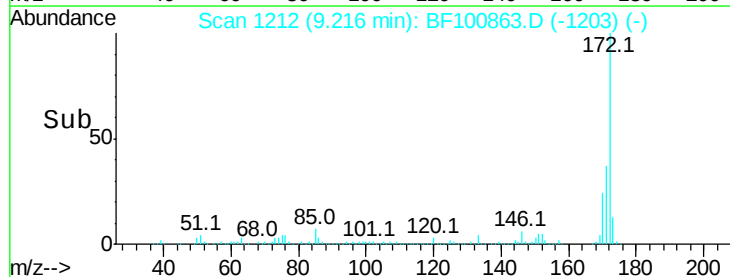
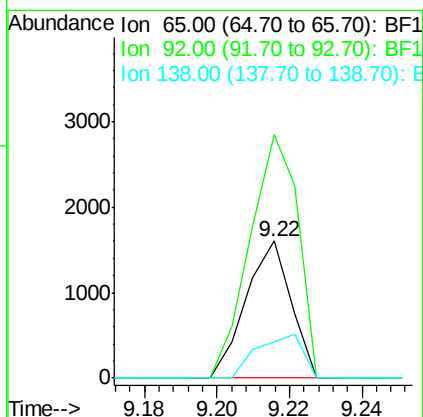
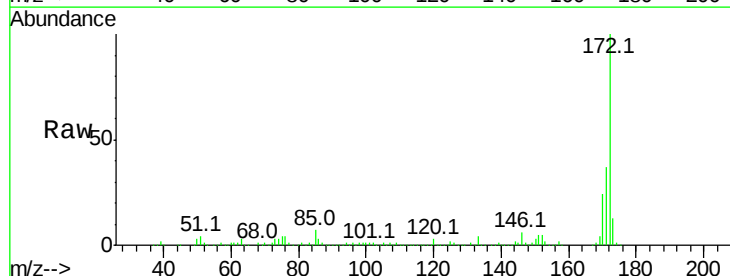
Instrument :
 BNA_F
 ClientSampleId :

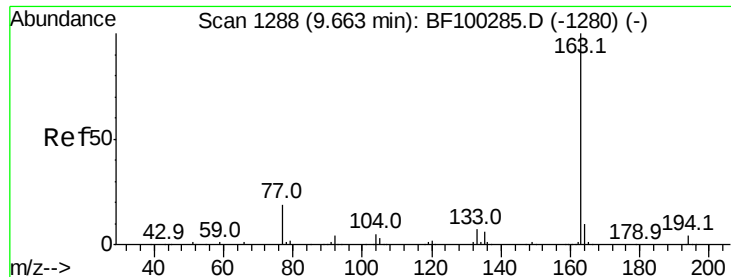
Tot Ion:154 Resp: 1613
 Ion Ratio Lower Upper
 154 100
 153 778.5 21.3 61.3#
 76 1730.9 0.0 34.0#



#47
 2-Nitroaniline
 Concen: 3.325 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.25 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

Tgt Ion: 65 Resp: 1394
 Ion Ratio Lower Upper
 65 100
 92 177.9 55.8 83.6#
 138 26.6 91.2 136.8#





#49

Dimethylphthalate

Concen: 0.526 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

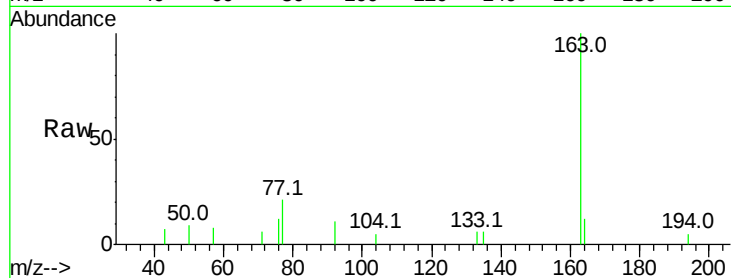
Tot Ion:163 Resp: 5259

Ion Ratio Lower Upper

163 100

194 5.0 2.7 4.1#

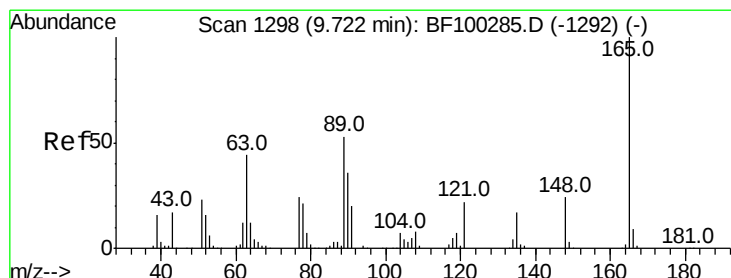
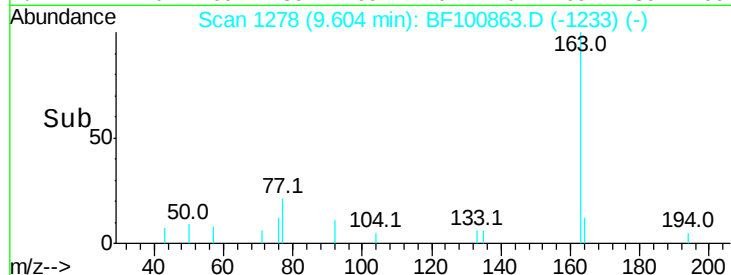
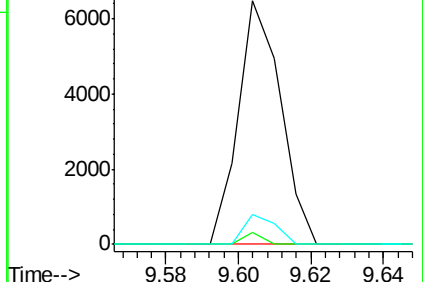
164 12.5 8.2 12.2#



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: 8.515 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

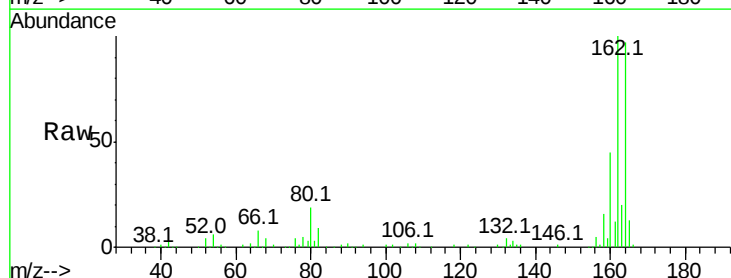
Tgt Ion:165 Resp: 16849

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

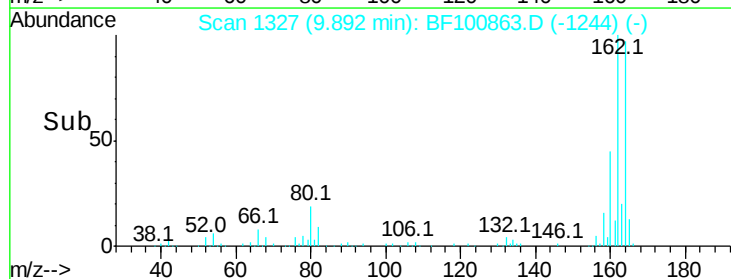
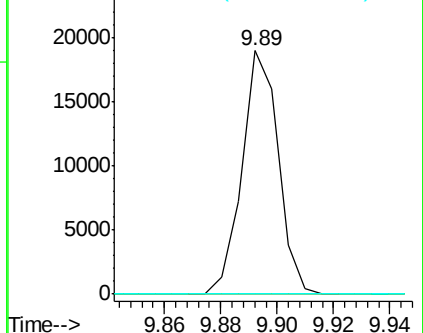
89 0.0 44.0 66.0#

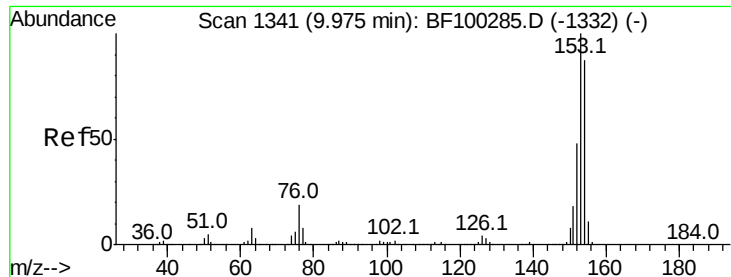


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.041 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.06 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

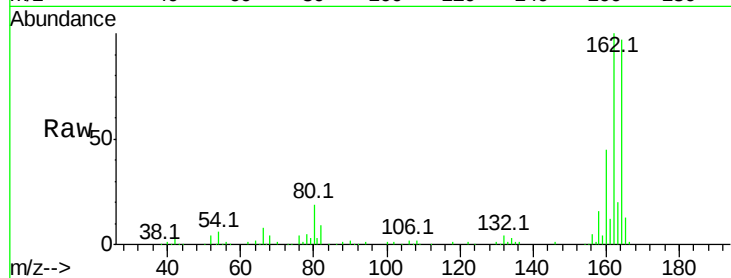
Tot Ion:154 Resp: 342

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

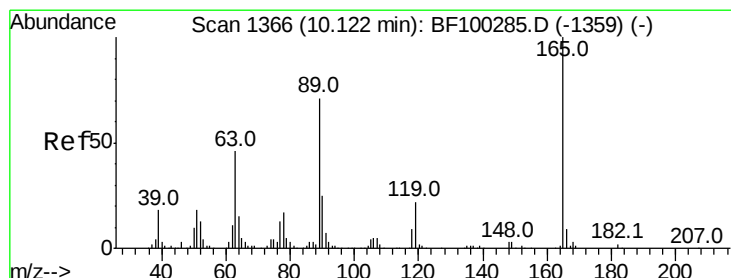
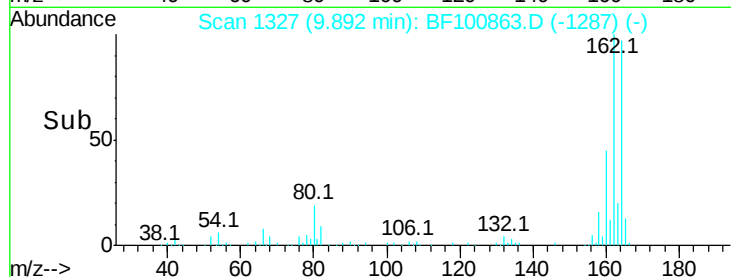
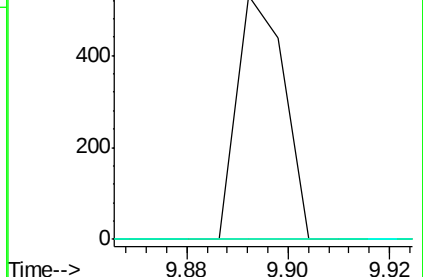
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.750 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.22 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Tgt Ion:165 Resp: 16849

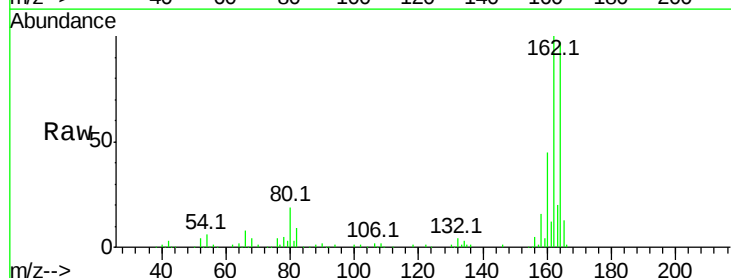
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

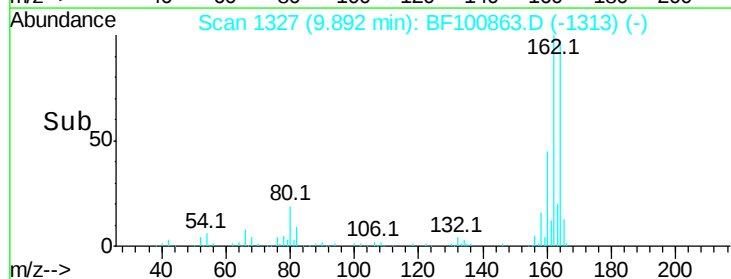
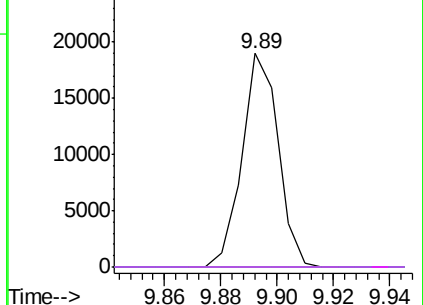


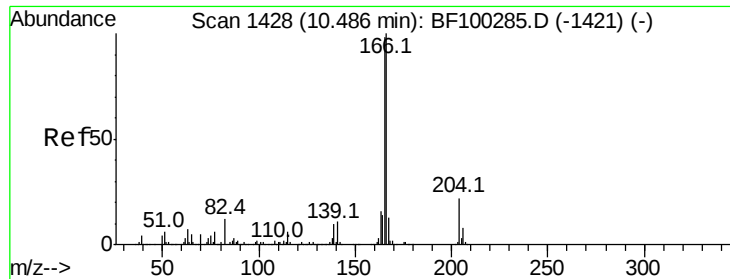
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.666 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.22 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

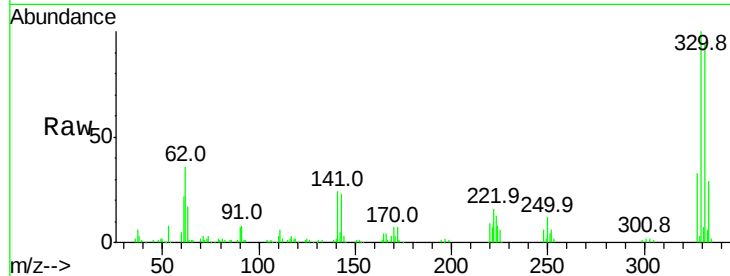
Tot Ion:166 Resp: 5661

Ion Ratio Lower Upper

166 100

165 97.4 79.8 119.8

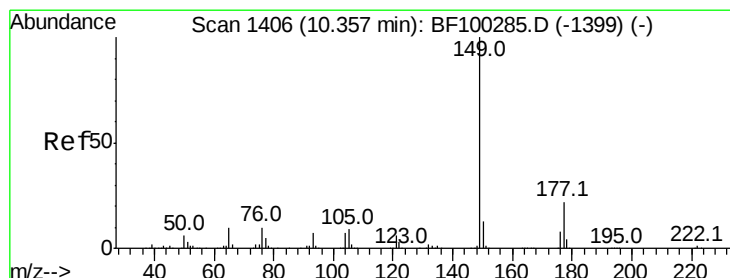
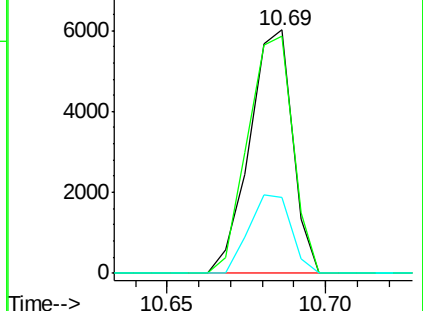
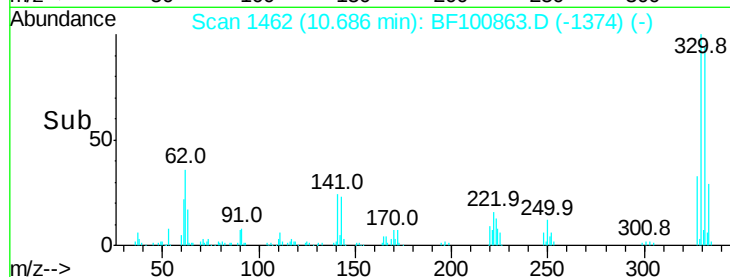
167 31.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.163 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.04 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

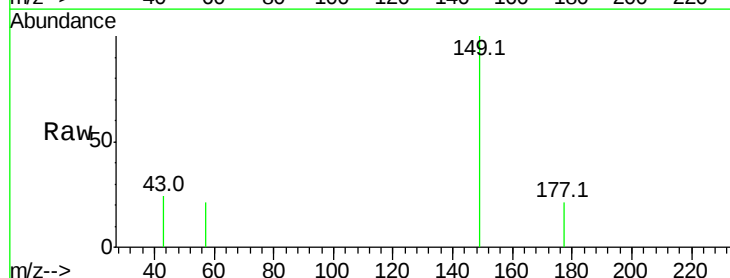
Tgt Ion:149 Resp: 1632

Ion Ratio Lower Upper

149 100

177 20.6 16.1 24.1

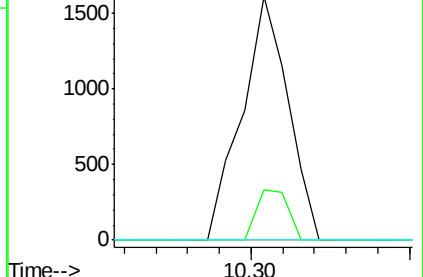
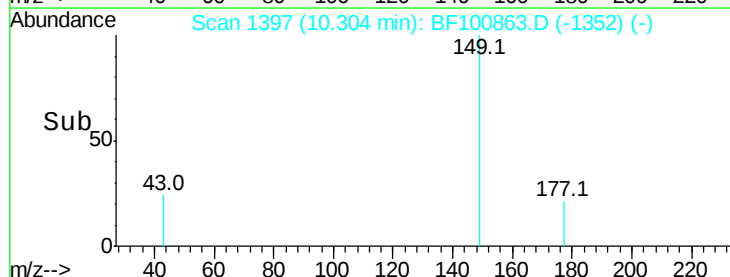
150 0.0 10.1 15.1#

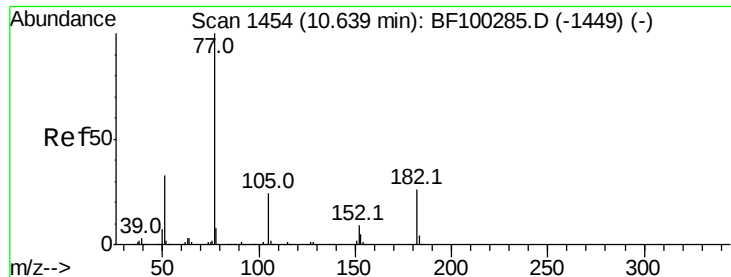


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.039 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.06 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 370

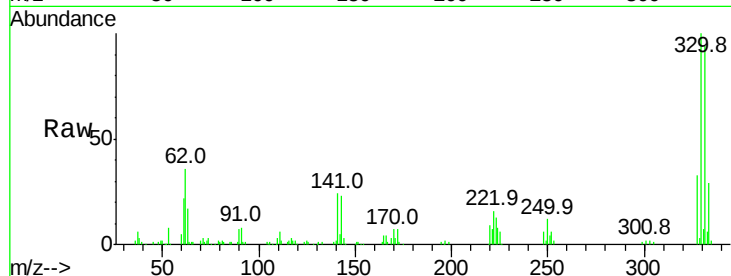
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 57.7 3.0 43.0#

51 71.8 9.9 49.9#

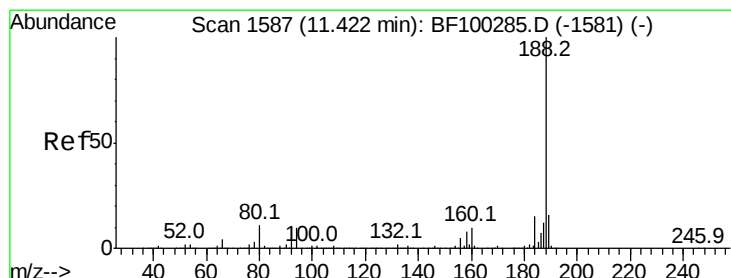
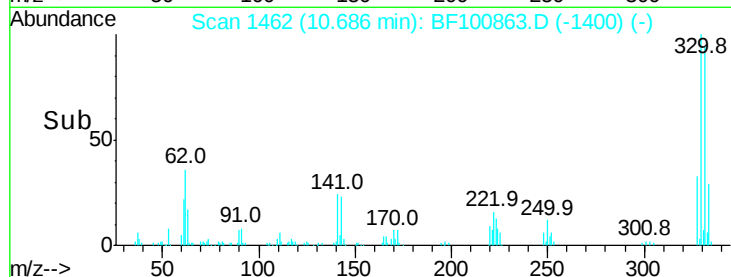
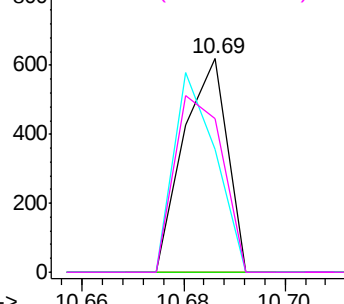


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

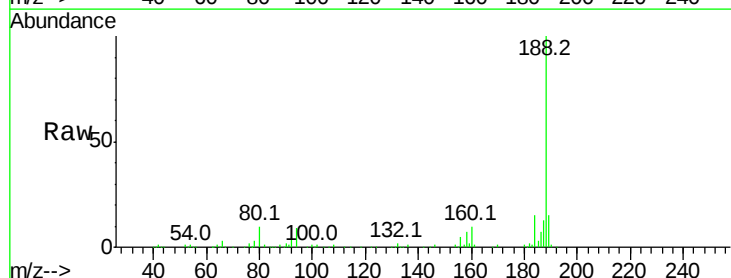
Tgt Ion: 188 Resp: 216120

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

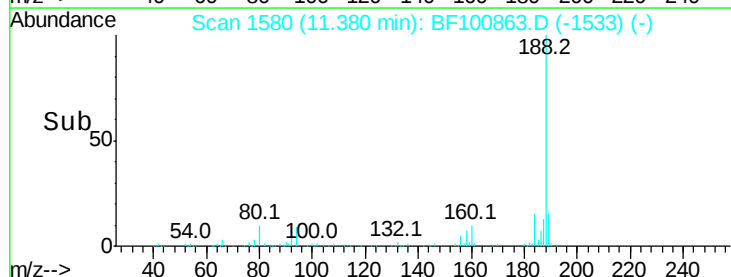
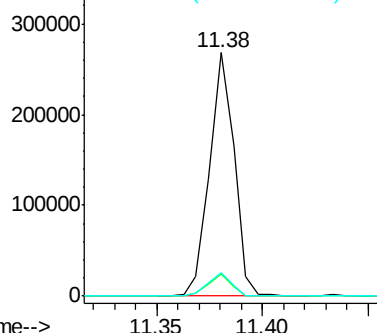
80 9.8 9.2 13.8

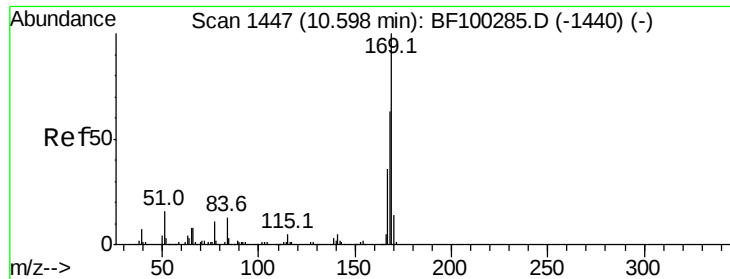


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

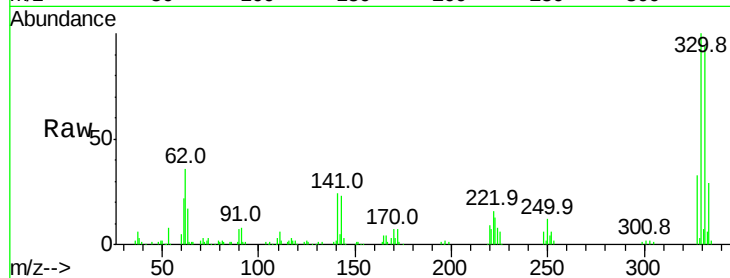




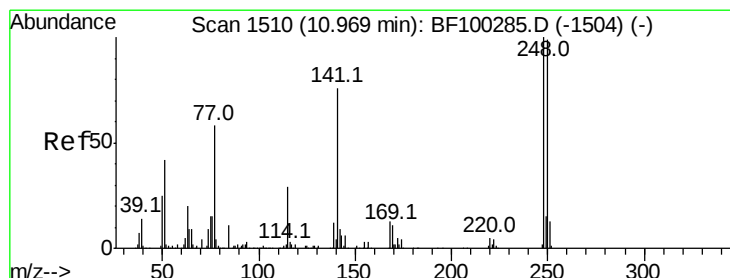
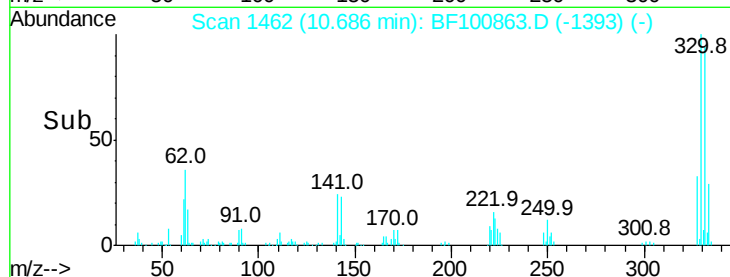
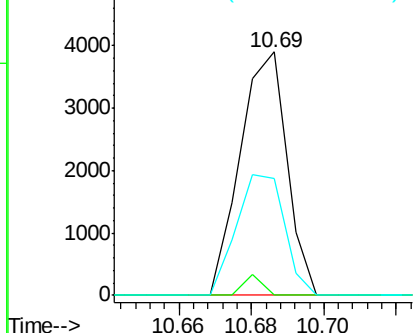
#65
 n-Nitrosodiphenylamine
 Concen: 0.464 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.11 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 3488
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.4 81.6#
 167 47.8 29.8 44.6#

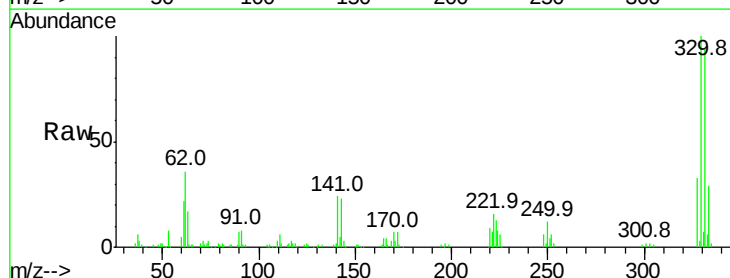


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

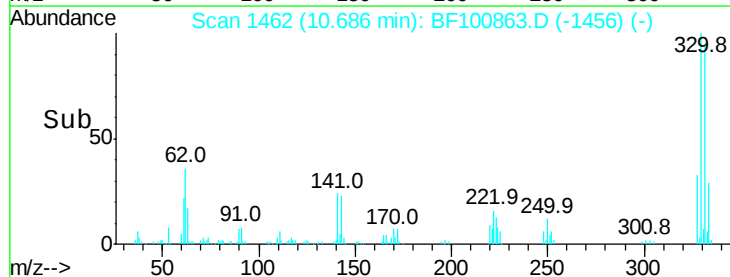
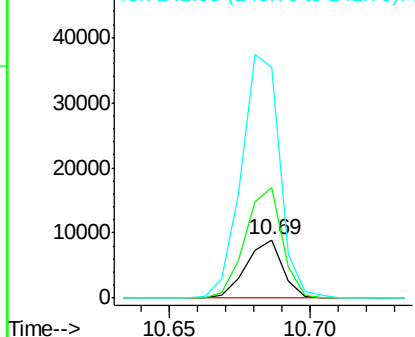


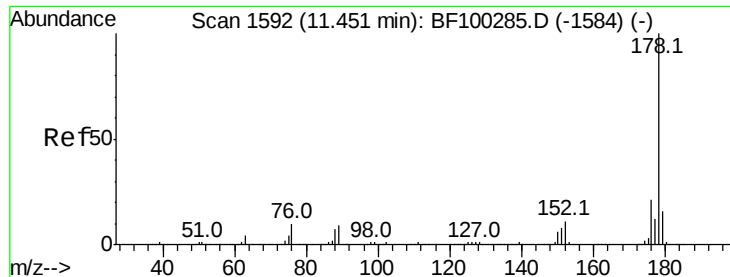
#66
 4-Bromophenyl-phenylether
 Concen: 3.438 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100863.D
 Acq: 23 Nov 2017 9:47

Tgt Ion:248 Resp: 7965
 Ion Ratio Lower Upper
 248 100
 250 189.2 76.9 115.3#
 141 395.8 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





#70

Phenanthrene

Concen: 0.011 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

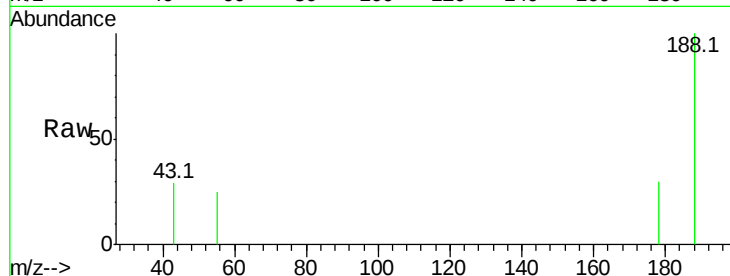
Tot Ion:178 Resp: 127

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

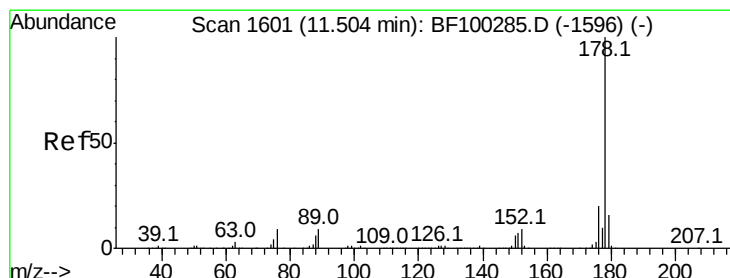
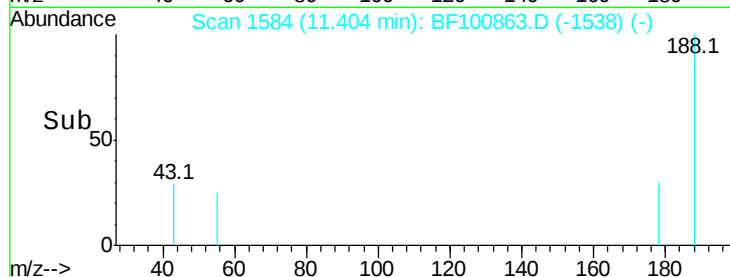
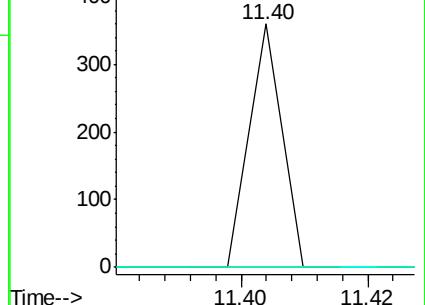
179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.011 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.08 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

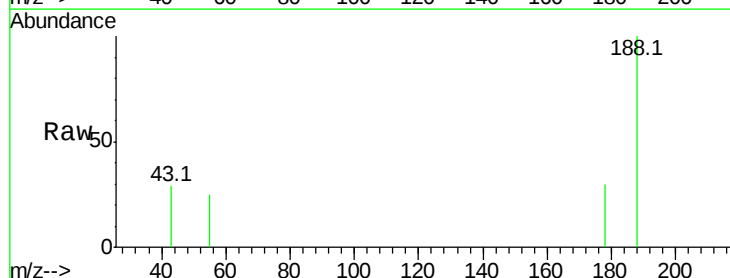
Tgt Ion:178 Resp: 127

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

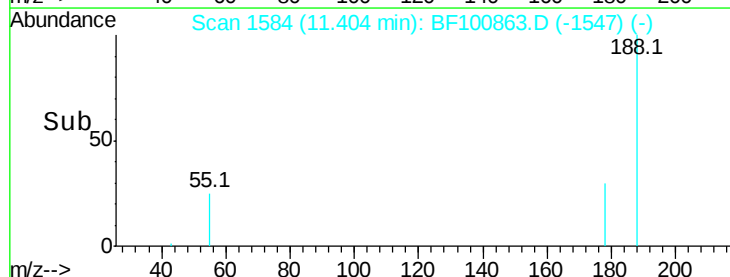
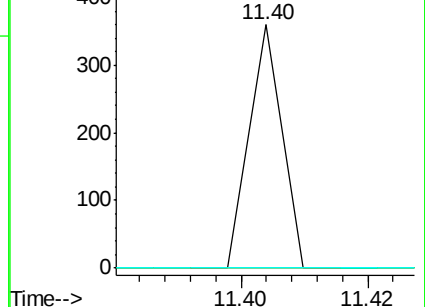
179 0.0 12.6 19.0#

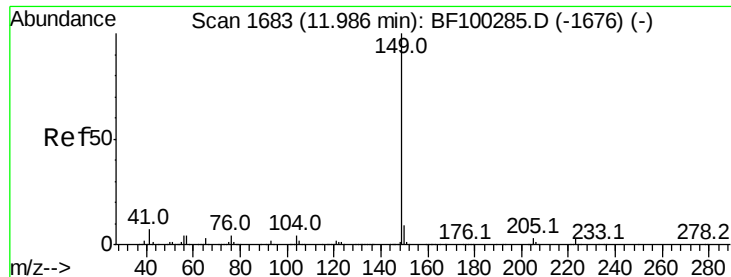


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.097 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100863.D

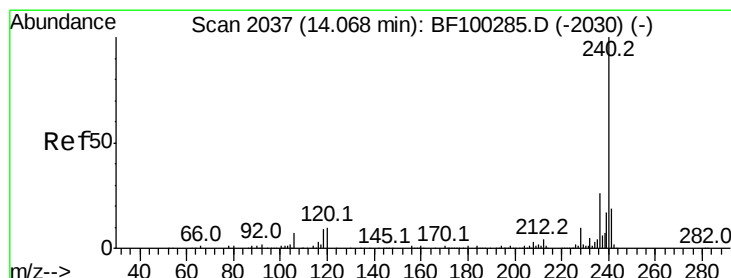
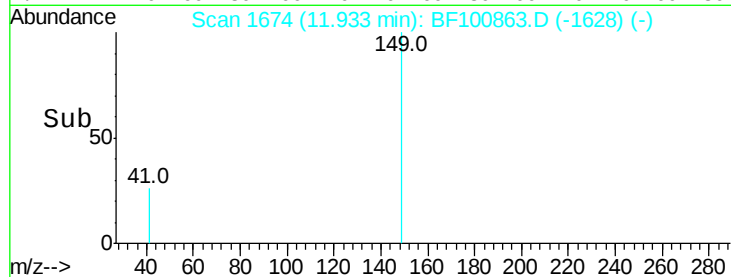
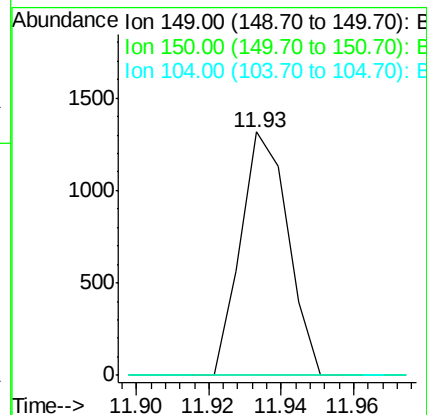
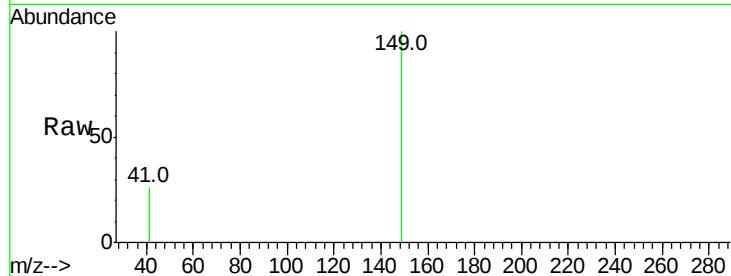
Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	1204
Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.8	5.8#



#75

Chrysene-d12

Concen: 20.000 ng

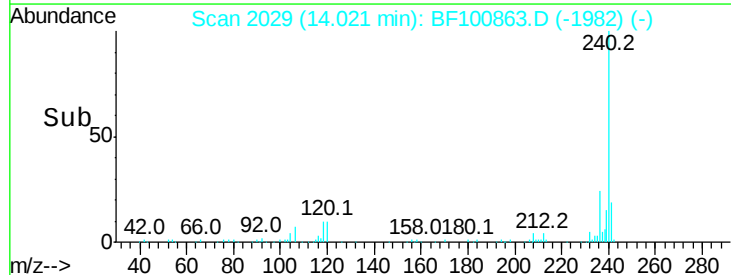
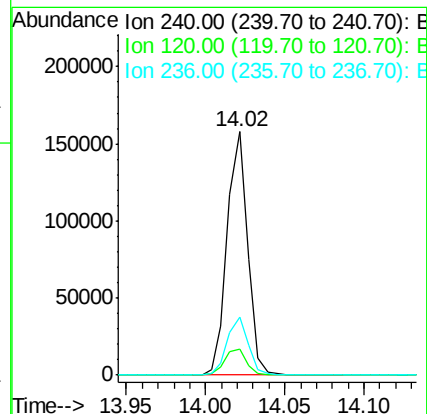
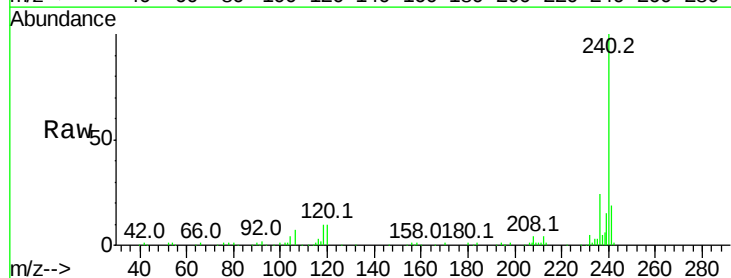
RT: 14.02 min Scan# 2029

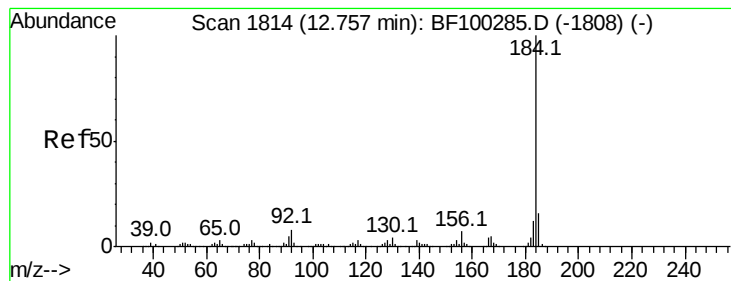
Delta R.T. -0.02 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Tgt Ion:	240	Resp:	141790
Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	23.8	20.7	31.1





#76

Benzidine

Concen: 1.271 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampled :

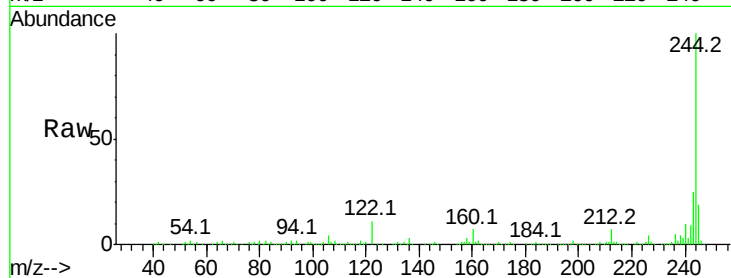
Tot Ion:184 Resp: 7219

Ion Ratio Lower Upper

184 100

185 18.5 12.6 18.8

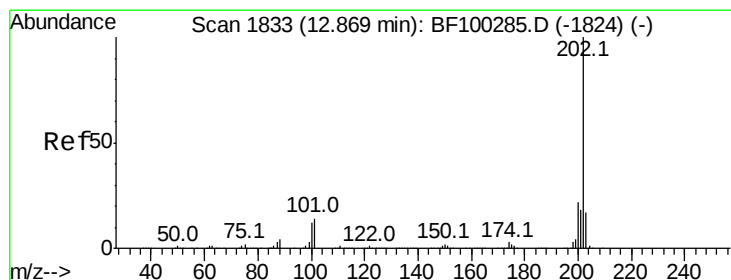
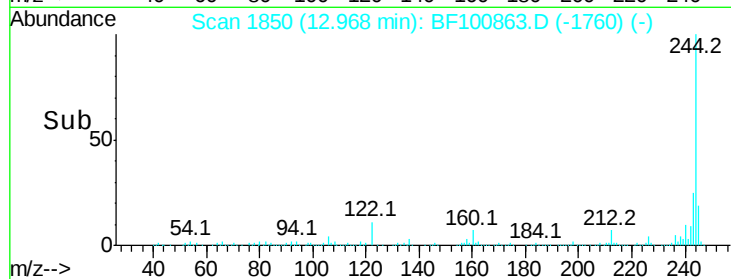
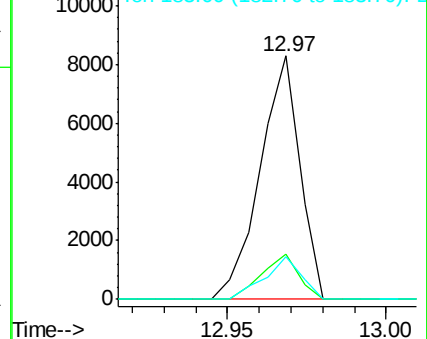
183 17.5 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.175 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.12 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

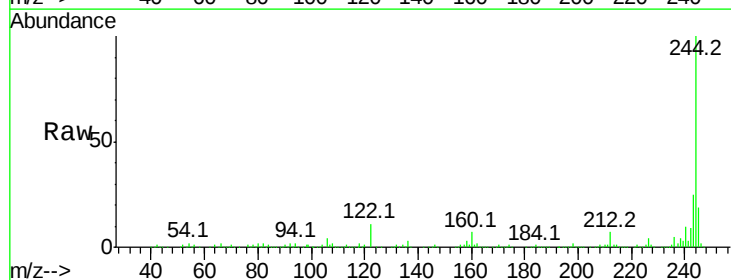
Tgt Ion:202 Resp: 1764

Ion Ratio Lower Upper

202 100

200 45.3 17.4 26.2#

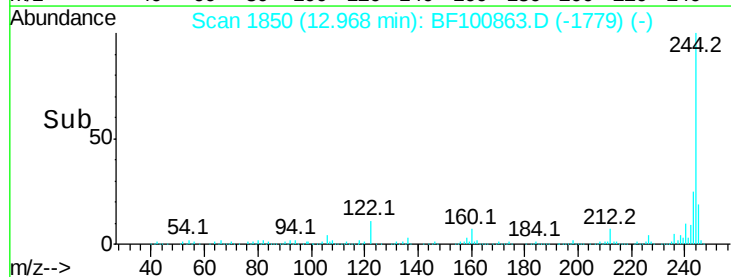
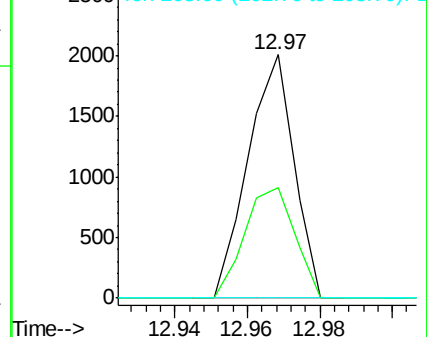
203 0.0 14.3 21.5#

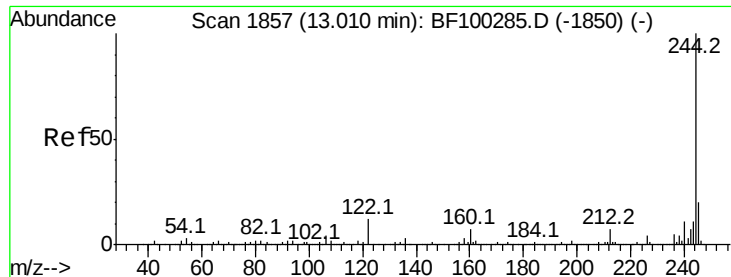


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 97.743 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

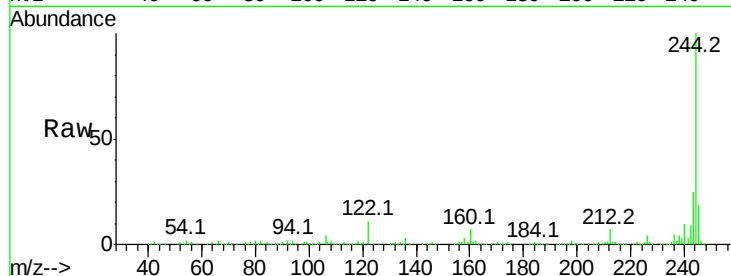
Tot Ion:244 Resp: 603168

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

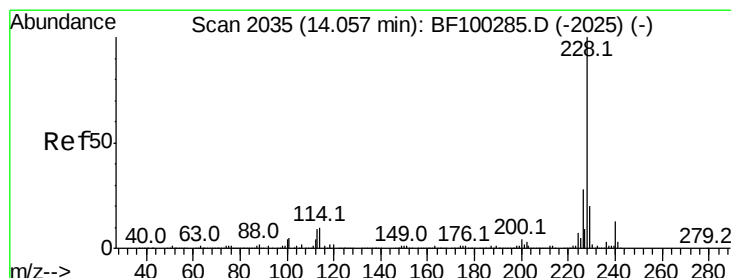
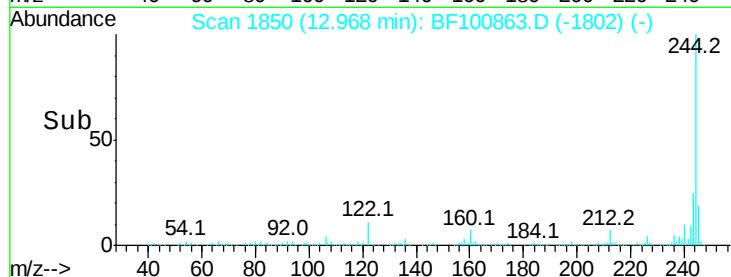
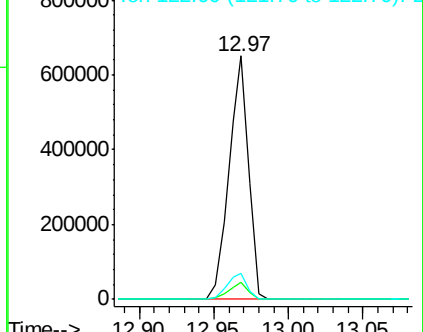
122 10.8 11.0 16.4#



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



#80

Benzo(a)anthracene

Concen: 0.035 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

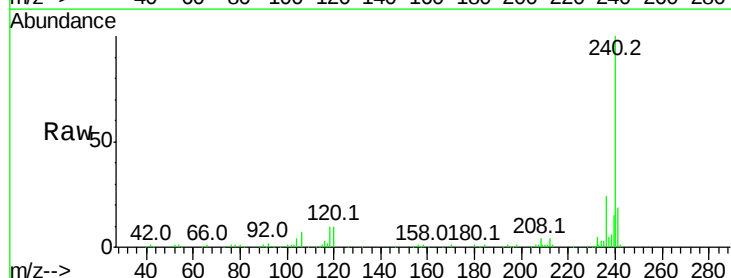
Tgt Ion:228 Resp: 297

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

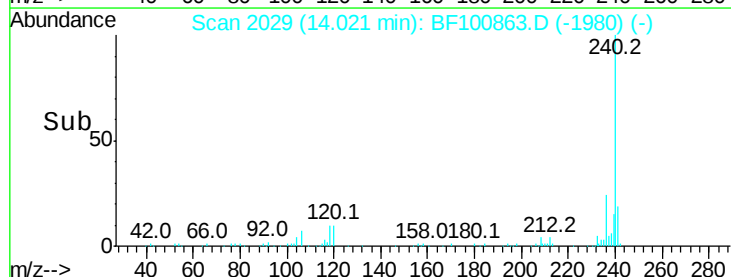
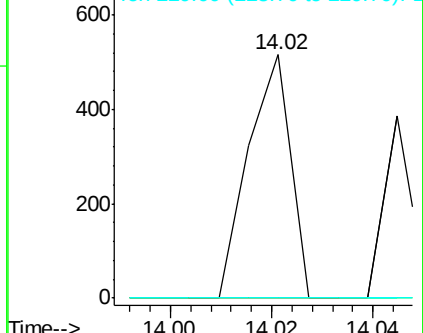
229 0.0 15.8 23.6#

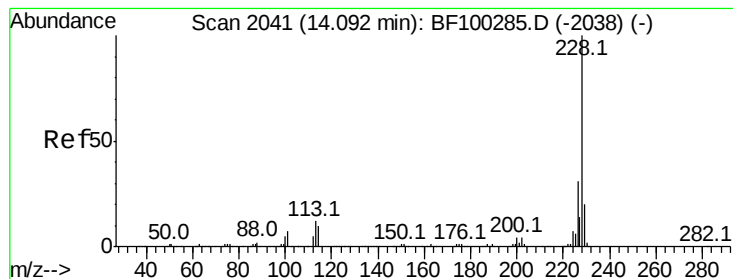


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.016 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

Instrument :

BNA_F

ClientSampleId :

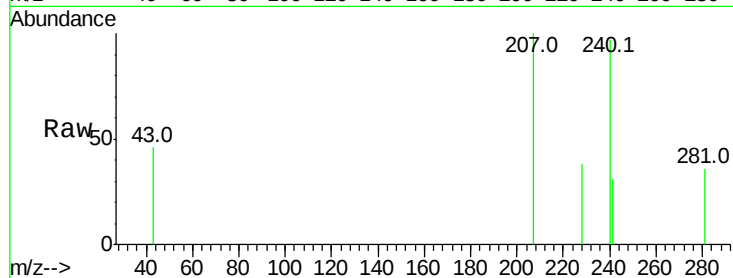
Tot Ion:228 Resp: 136

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

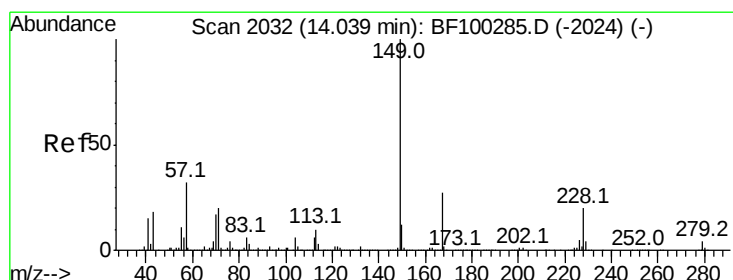
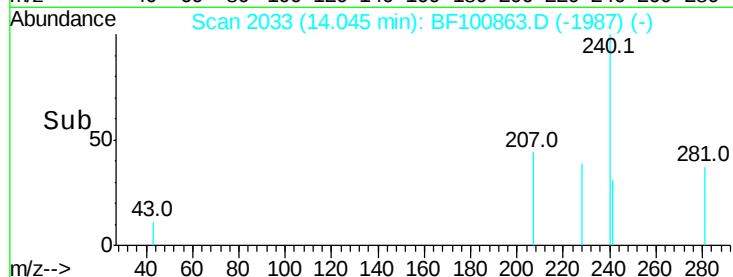
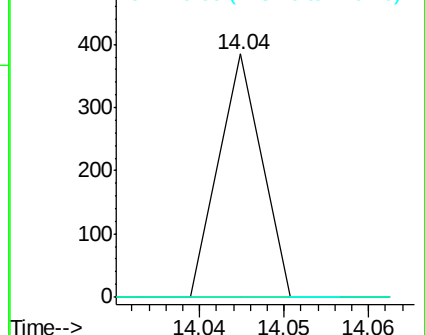
229 0.0 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.140 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100863.D

Acq: 23 Nov 2017 9:47

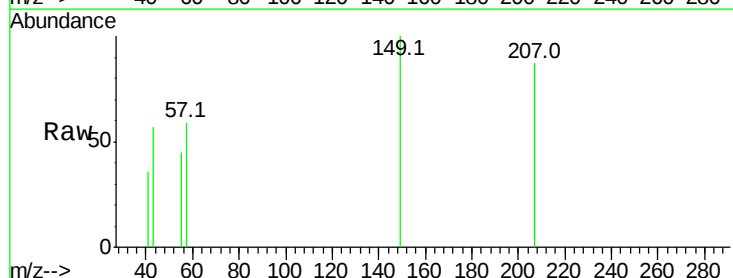
Tgt Ion:149 Resp: 757

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

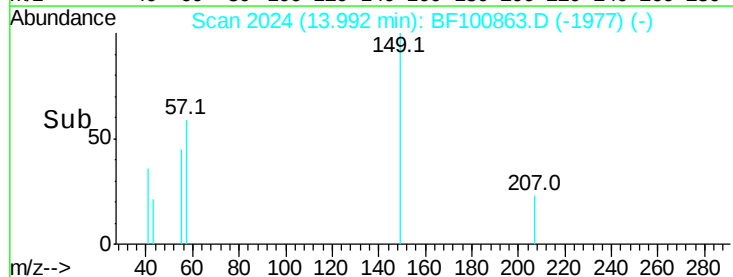
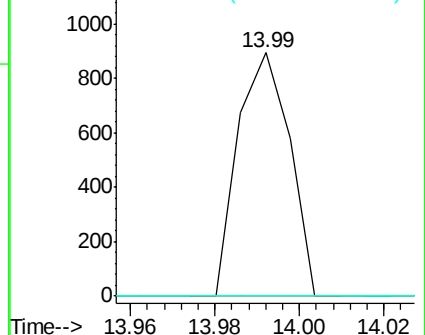
279 0.0 3.0 4.4#

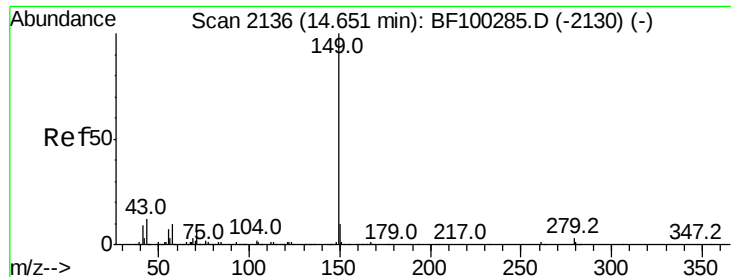


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

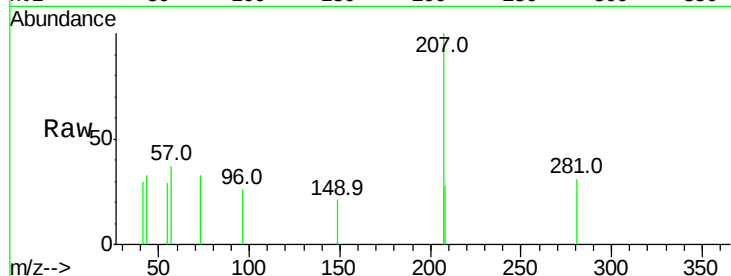




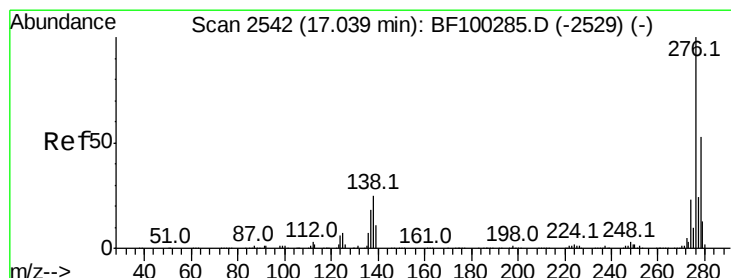
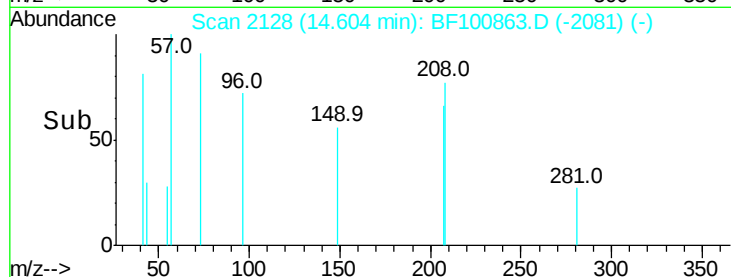
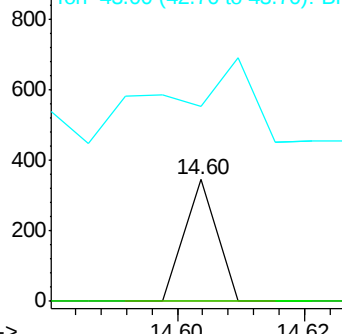
#84
Di-n-octyl phthalate
Concen: 0.013 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 122
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 184.4 8.4 12.6#

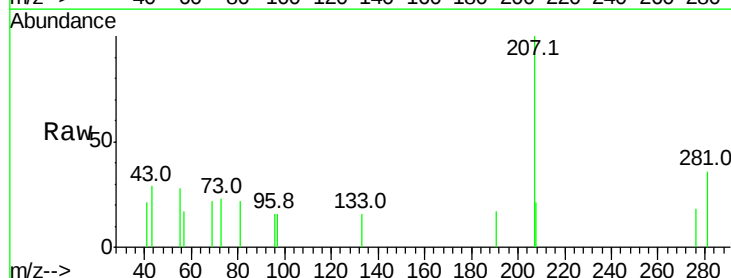


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

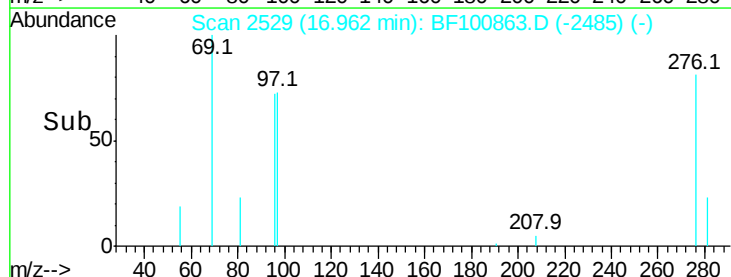
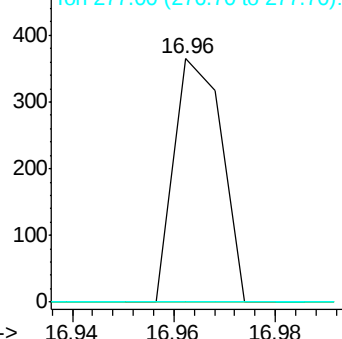


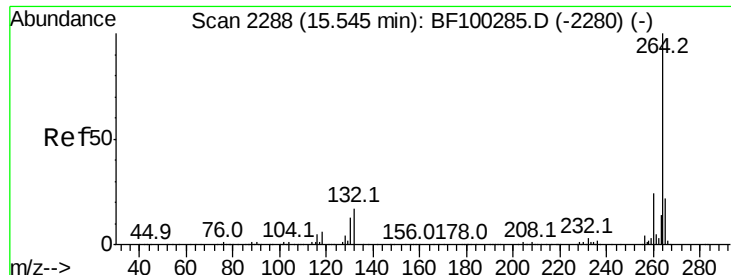
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion:276 Resp: 241
Ion Ratio Lower Upper
276 100
138 0.0 25.0 37.6#
277 0.0 20.1 30.1#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

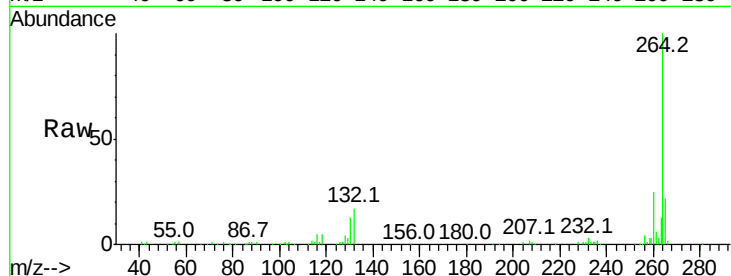




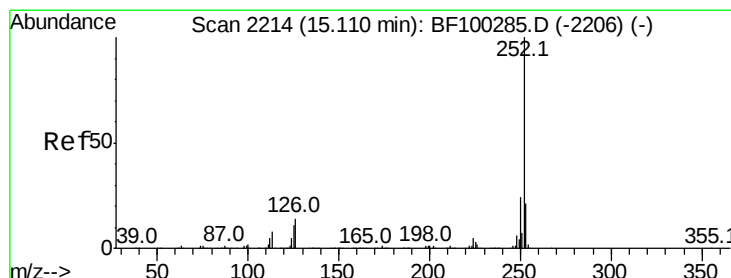
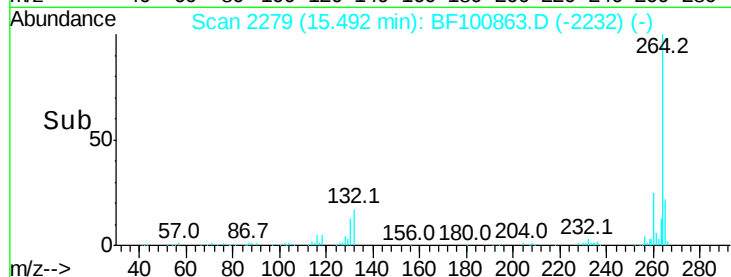
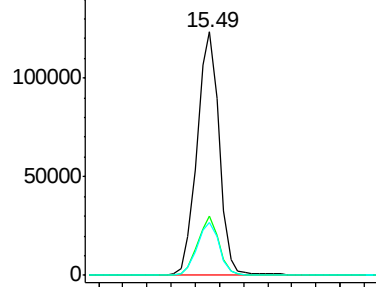
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 157945
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.5 17.5 26.3

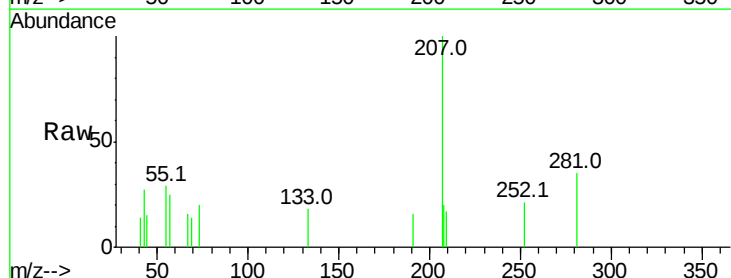


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

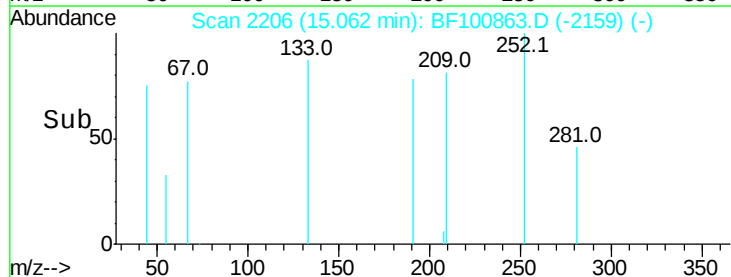
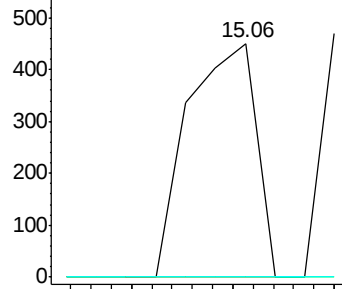


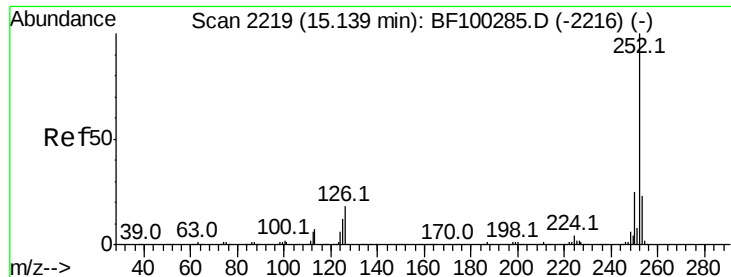
#87
Benzo(b)fluoranthene
Concen: 0.045 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion:252 Resp: 420
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

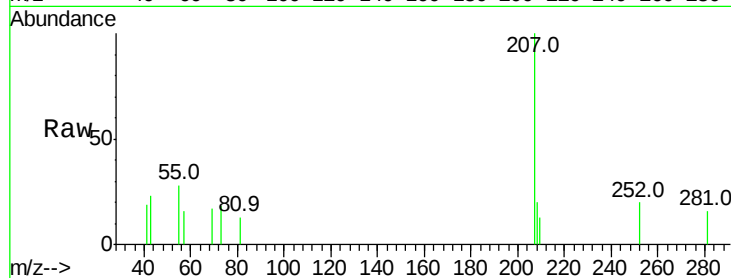




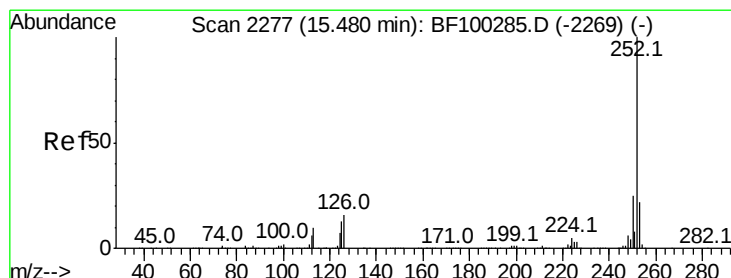
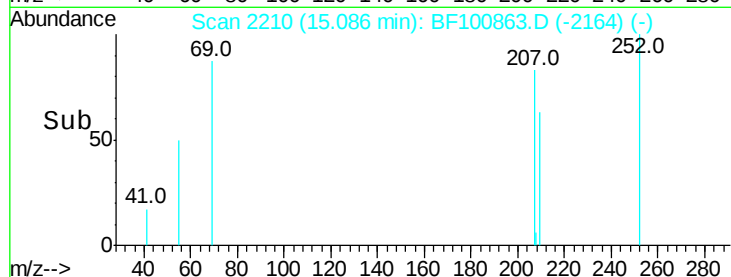
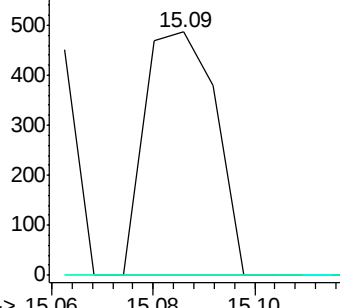
#88
Benzo(k)fluoranthene
Concen: 0.053 ng
RT: 15.09 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 471
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#

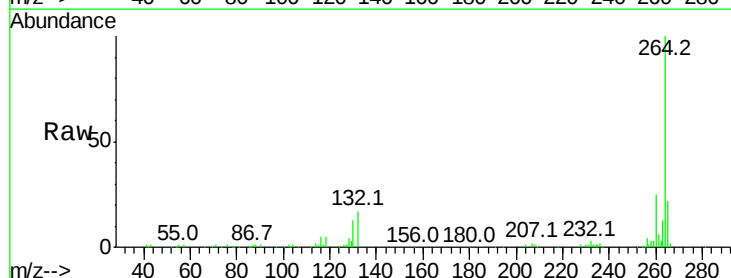


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.054 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF100863.D
Acq: 23 Nov 2017 9:47

Tgt Ion:252 Resp: 445
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

