

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100861.D
 Acq On : 23 Nov 2017 8:54
 Operator : SJ/JU
 Sample : I6541-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:50:45 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	78851	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	308799	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	137964	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	227763	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	151959	20.00	ng	-0.02
86) Perylene-d12	15.49	264	167158	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	190479	38.72	ng	-0.02
7) Phenol-d6	6.48	99	146219	24.11	ng	-0.03
23) Nitrobenzene-d5	7.42	82	440474	94.30	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	117637	83.68	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	864739	95.44	ng	-0.02
78) Terphenyl-d14	12.97	244	576493	87.17	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.63	93	308	0.036	ng	# 1
9) Benzaldehyde	6.63	77	6867	1.585	ng	# 81
10) Phenol	6.49	94	11619	1.825	ng	# 95
11) bis(2-Chloroethyl)ether	6.63	93	308	0.058	ng	# 1
15) Benzyl Alcohol	7.02	79	6643	1.403	ng	# 46
19) n-Nitroso-di-n-propylamine	7.42	70	59127	14.056	ng	# 80
24) Nitrobenzene	7.43	77	1057	0.220	ng	# 38
25) Isophorone	7.42	82	440469	44.876	ng	# 64
45) 1,1'-Biphenyl	9.22	154	1529	0.128	ng	# 1
46) 2-Chloronaphthalene	9.60	162	133	0.015	ng	# 1
47) 2-Nitroaniline	9.60	65	120	2.828	ng	# 1
49) Dimethylphthalate	9.60	163	24585	2.334	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	17388	8.339	ng	# 25
51) Acenaphthene	9.89	154	478	0.055	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	17388	6.610	ng	# 22
57) Fluorene	10.69	166	4909	0.548	ng	# 94
59) Diethylphthalate	10.30	149	1701	0.161	ng	# 61
62) Azobenzene	10.69	77	403	0.041	ng	# 23
65) n-Nitrosodiphenylamine	10.68	169	3554	0.449	ng	# 46
66) 4-Bromophenyl-phenylether	10.69	248	7339	3.006	ng	# 1
70) Phenanthrene	11.40	178	140	0.012	ng	# 59
71) Anthracene	11.40	178	140	0.012	ng	# 60
73) Di-n-butylphthalate	11.93	149	895	0.068	ng	# 78
76) Benzidine	12.97	184	7233	1.189	ng	# 92
77) Pyrene	12.97	202	1660	0.153	ng	# 63
80) Benzo(a)anthracene	14.02	228	389	0.043	ng	# 51
82) Chrysene	14.05	228	115	0.013	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	661	0.114	ng	# 53
84) Di-n-octyl phthalate	14.60	149	148	0.015	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.97	276	109	0.015	ng	# 46
87) Benzo(b)fluoranthene	15.06	252	668	0.067	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	486	0.052	ng	# 59
89) Benzo(a)pyrene	15.49	252	422	0.048	ng	# 60
90) Dibenzo(a,h)anthracene	16.97	278	116	0.016	ng	# 54

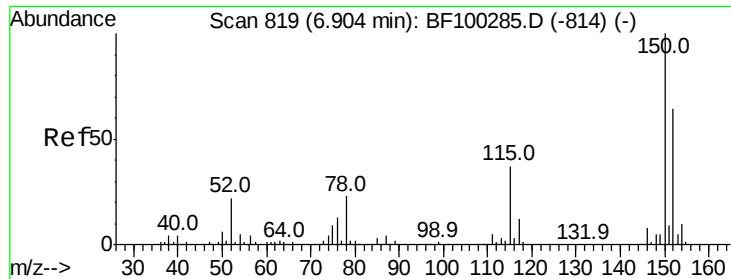
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100861.D
Acq On : 23 Nov 2017 8:54
Operator : SJ/JU
Sample : I6541-03
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	17.42	276	110	0.016	ng	# 50

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

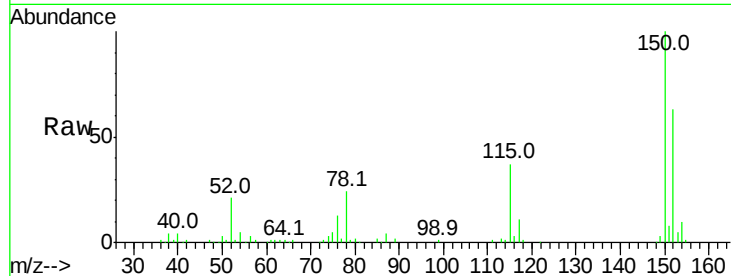


#1

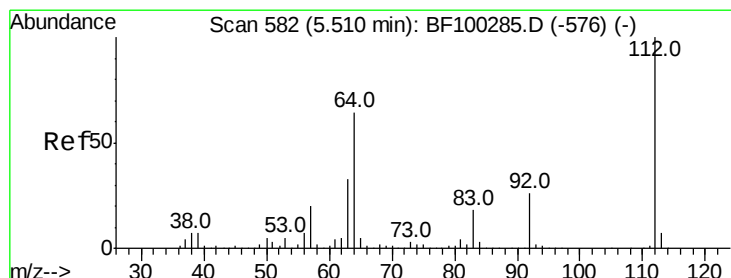
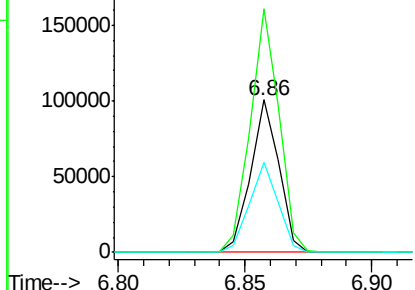
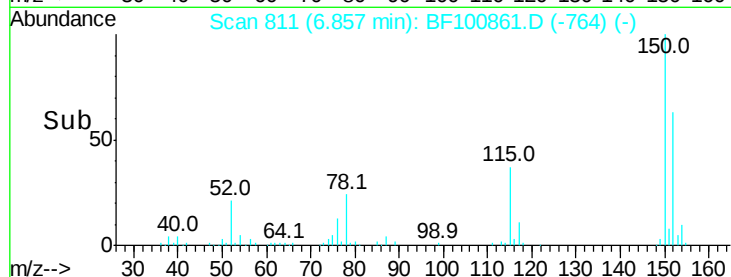
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78851
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 59.2 50.1 75.1



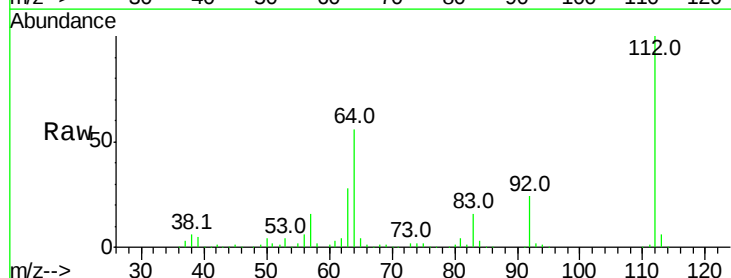
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



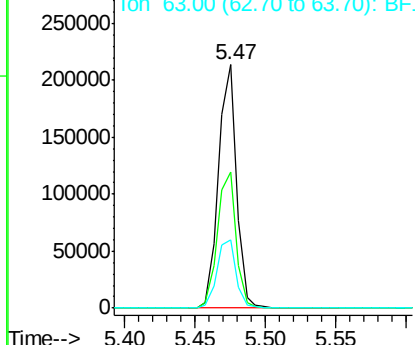
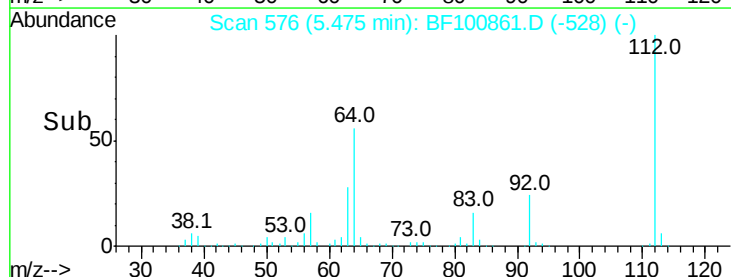
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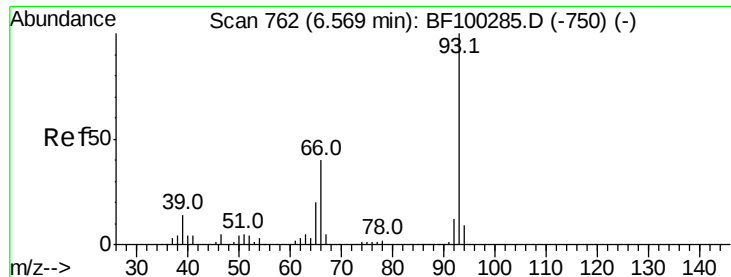
2-Fluorophenol
Concen: 38.723 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Tgt Ion:112 Resp: 190479
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.1 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: 0.036 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.08 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

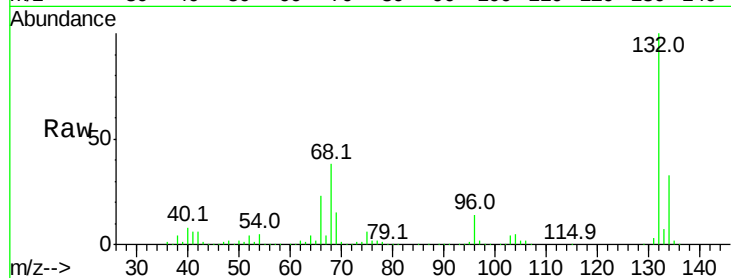
Tot Ion: 93 Resp: 308

Ion Ratio Lower Upper

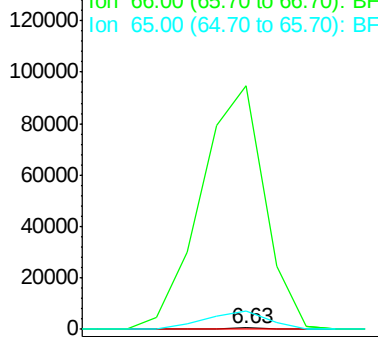
93 100

66 18384.5 32.2 48.2#

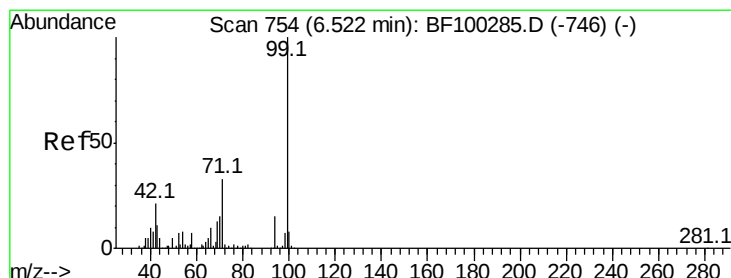
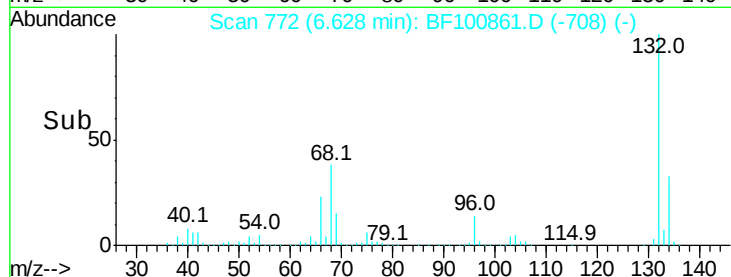
65 1427.6 16.4 24.6#



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



Time-->



#7

Phenol-d6

Concen: 24.106 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

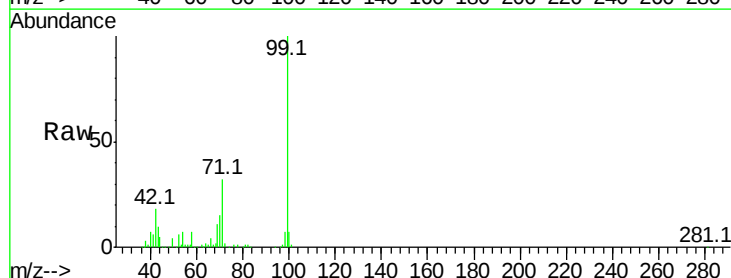
Tgt Ion: 99 Resp: 146219

Ion Ratio Lower Upper

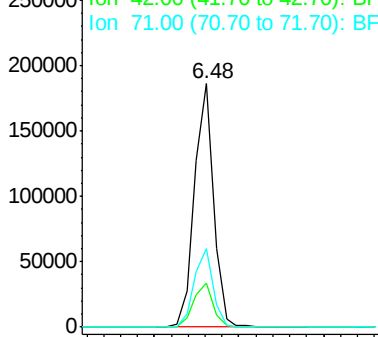
99 100

42 18.2 14.5 21.7

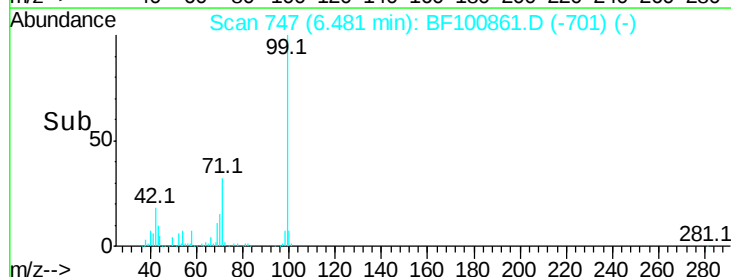
71 32.2 25.4 38.0

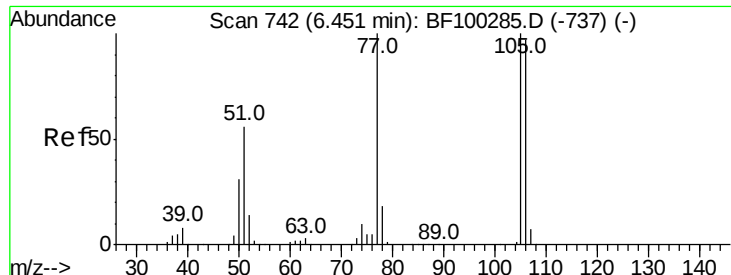


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#9

Benzaldehyde

Concen: 1.585 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampled :

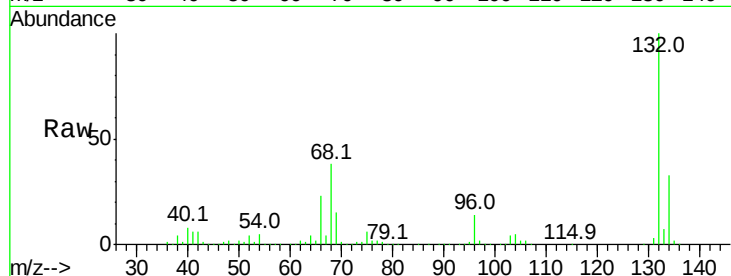
Tot Ion: 77 Resp: 6867

Ion Ratio Lower Upper

77 100

105 84.5 81.1 121.1

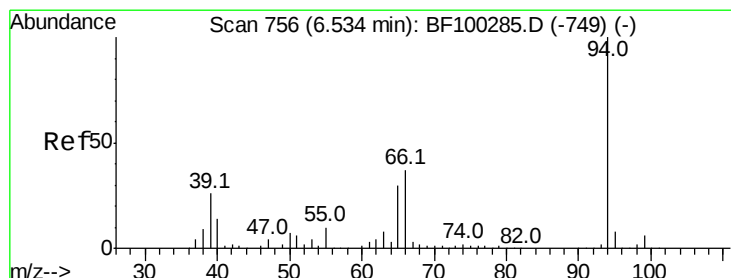
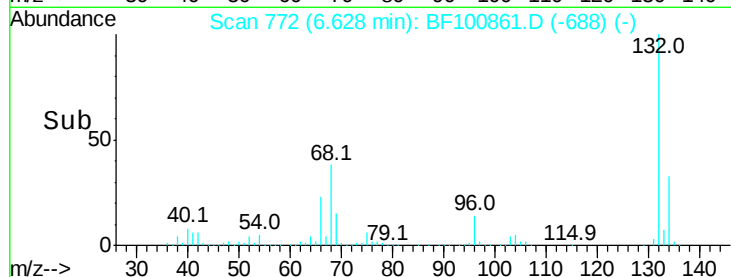
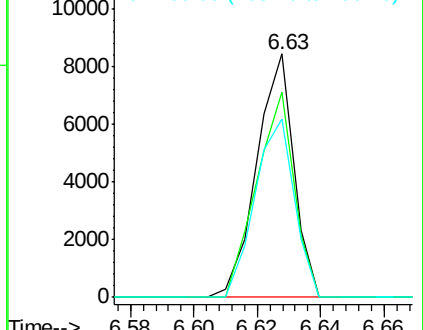
106 73.3 74.5 114.5#



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



#10

Phenol

Concen: 1.825 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

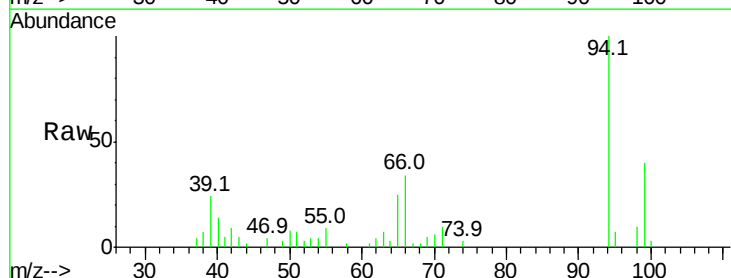
Tgt Ion: 94 Resp: 11619

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

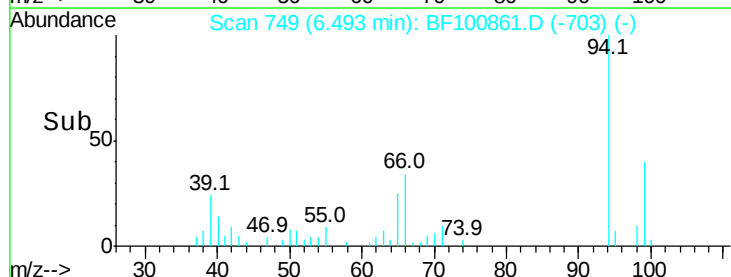
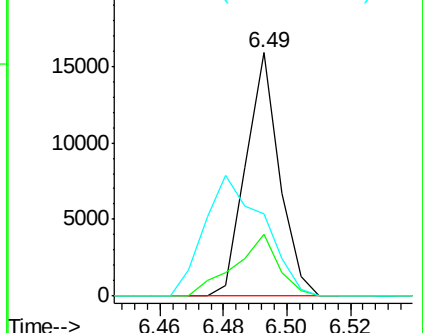
66 33.7 16.2 56.2

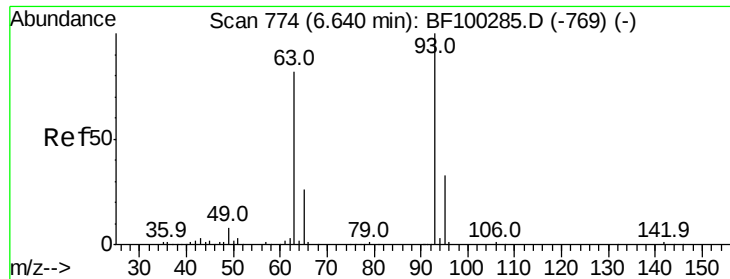


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

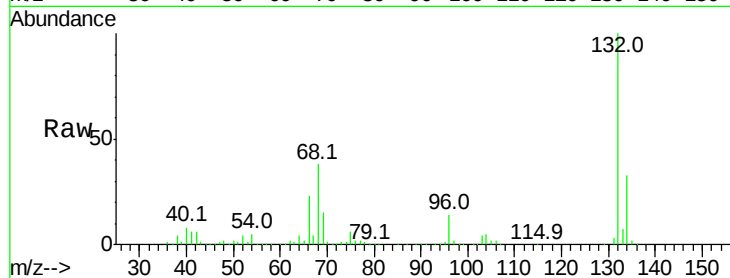




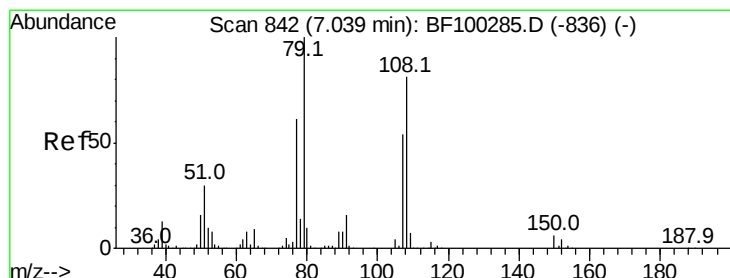
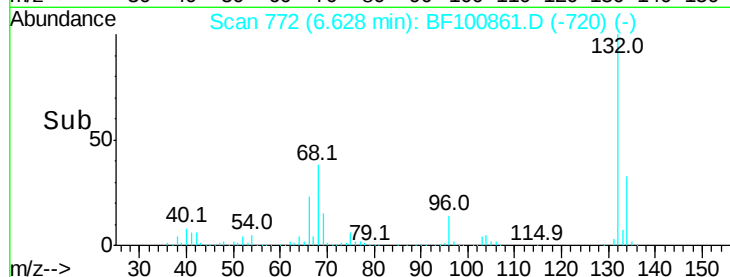
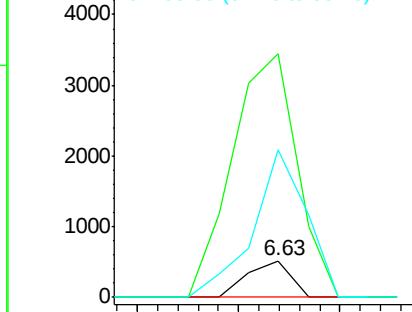
#11
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 308
Ion Ratio Lower Upper
93 100
63 668.9 58.6 98.6#
95 406.0 11.8 51.8#

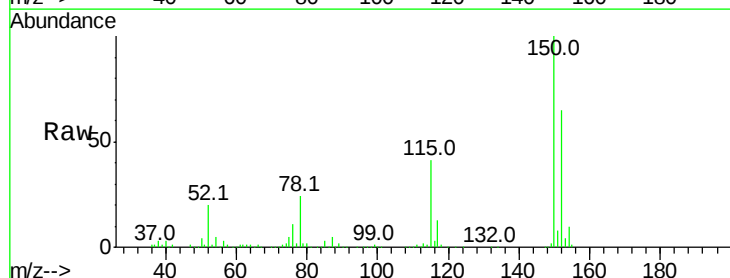


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

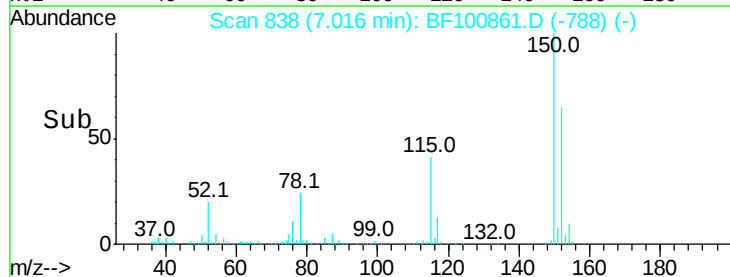
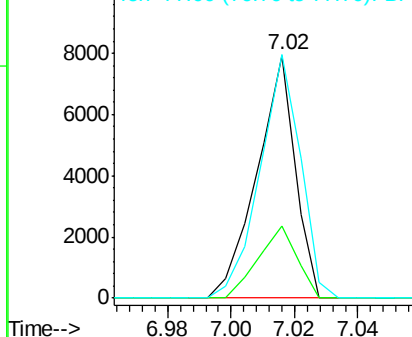


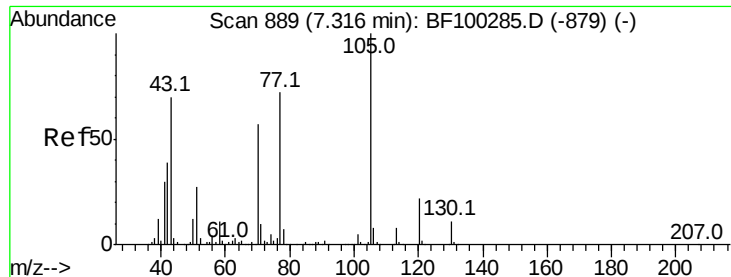
#15
Benzyl Alcohol
Concen: 1.403 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Tgt Ion: 79 Resp: 6643
Ion Ratio Lower Upper
79 100
108 29.5 65.1 97.7#
77 100.4 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

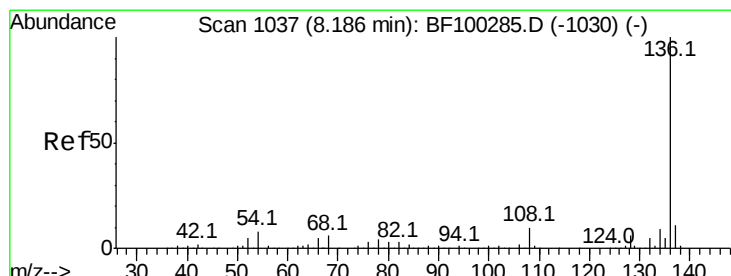
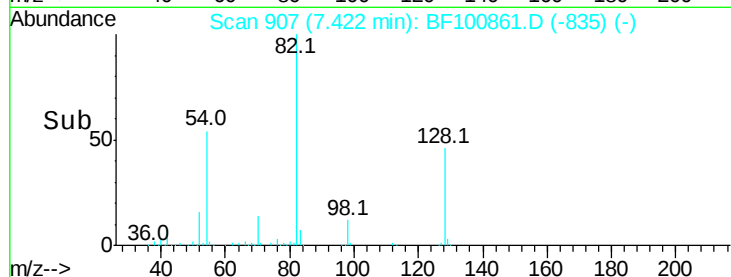
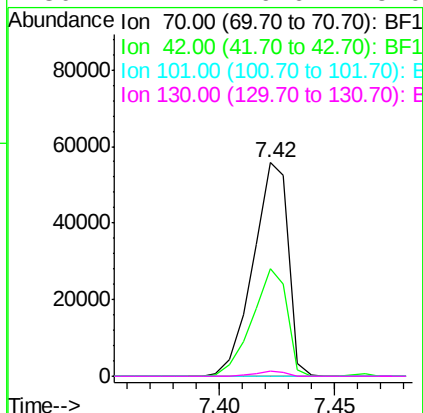
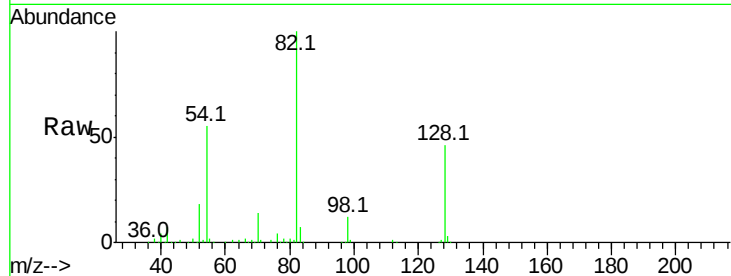




#19
n-Nitroso-di-n-propylamine
Concen: 14.056 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

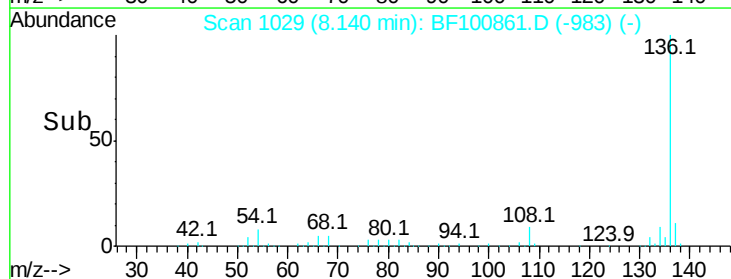
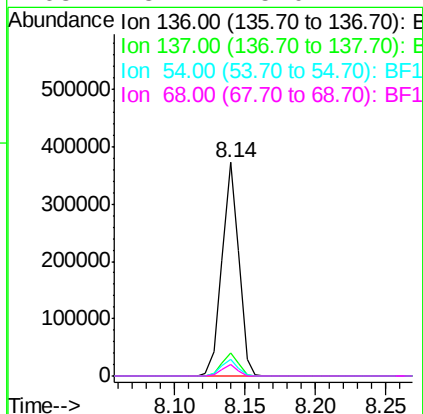
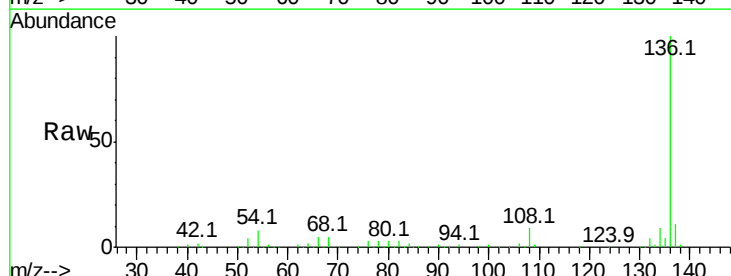
Instrument :
BNA_F
ClientSampleId :

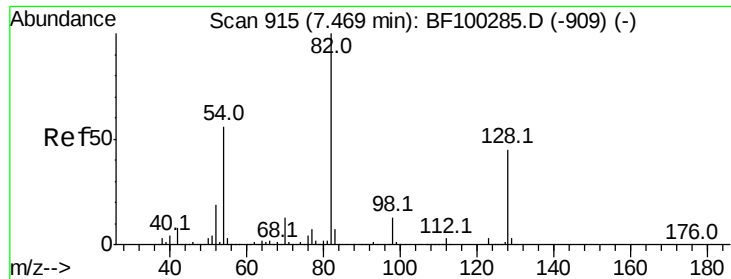
Tot Ion: 70 Resp: 59127
Ion Ratio Lower Upper
70 100
42 50.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Tgt Ion:136 Resp: 308799
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.8 6.6 9.8
68 5.1 5.0 7.4

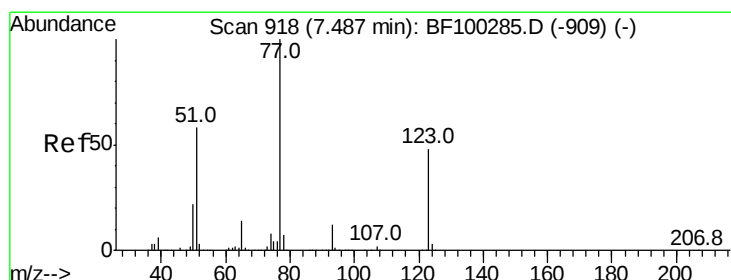
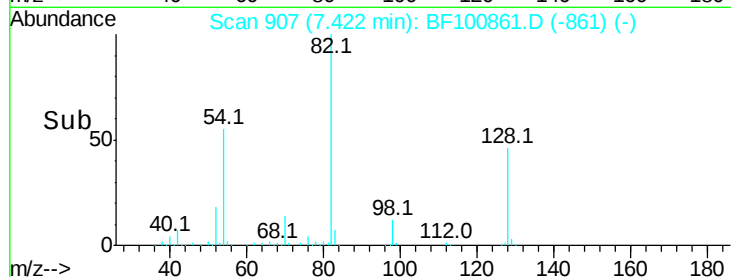
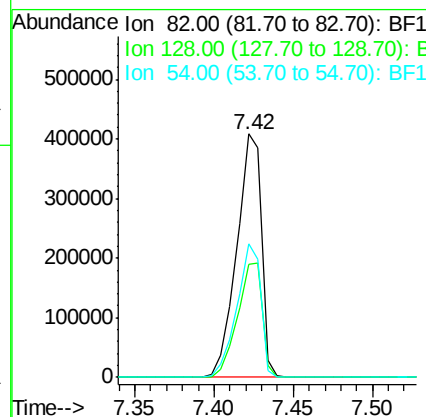
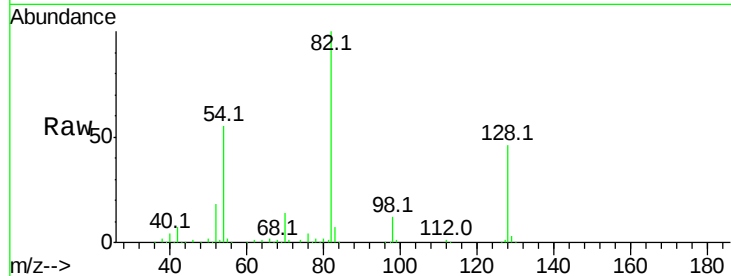




#23
 Nitrobenzene-d5
 Concen: 94.305 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.03 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

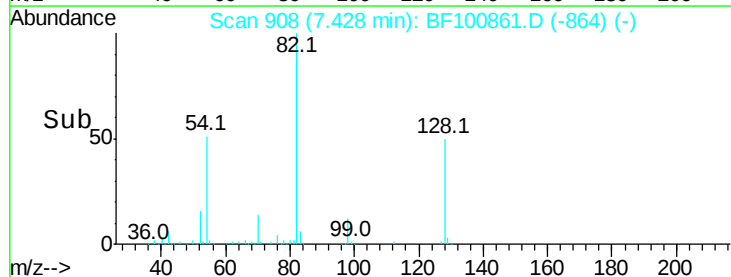
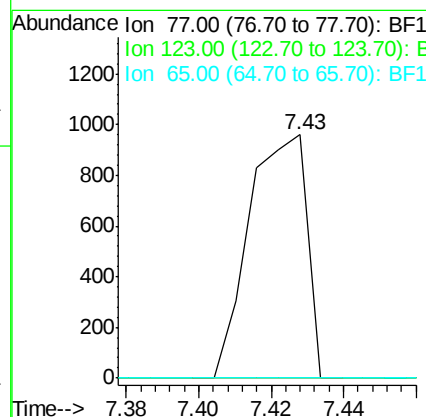
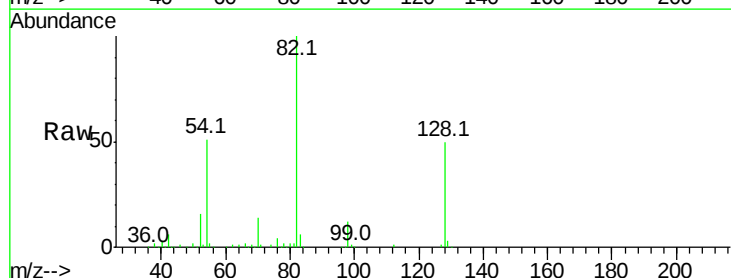
Instrument :
 BNA_F
 ClientSampled :

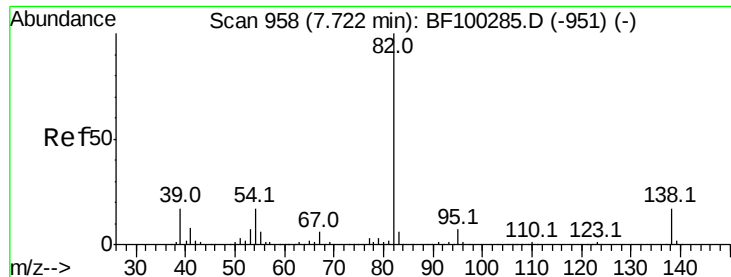
Tot Ion: 82 Resp: 440474
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 54.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 0.220 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.04 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion: 77 Resp: 1057
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 0.0 11.0 16.4#

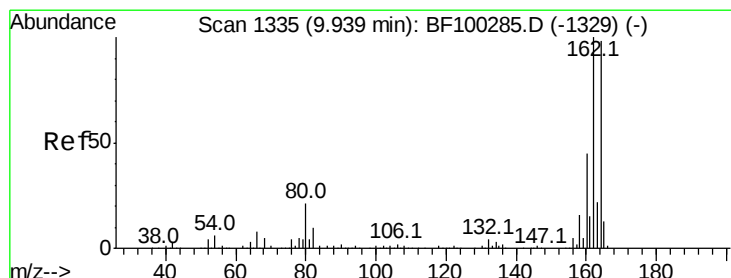
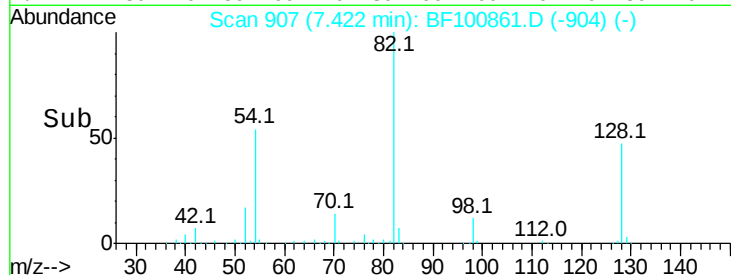
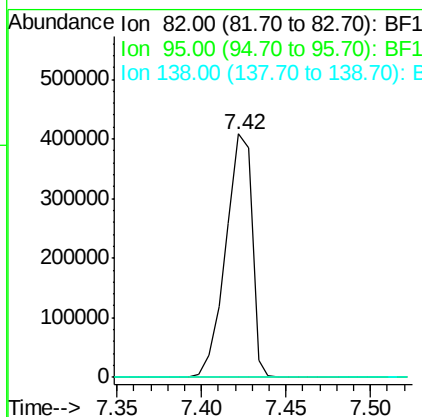
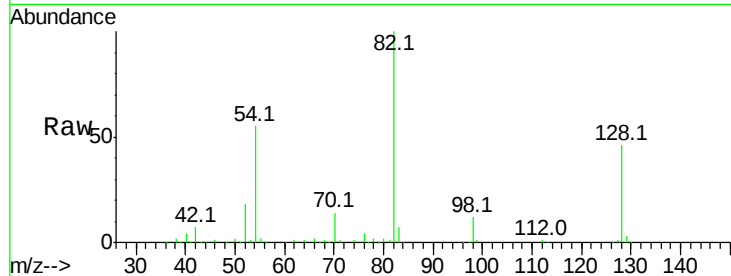




#25
Isophorone
Concen: 44.876 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

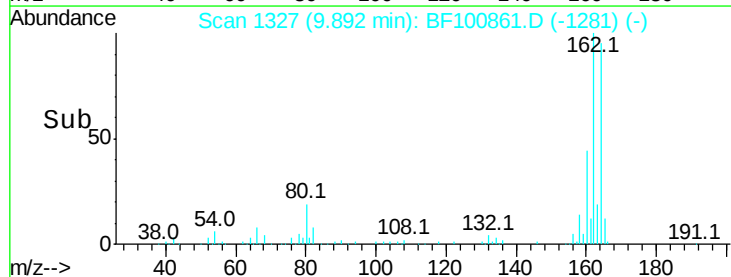
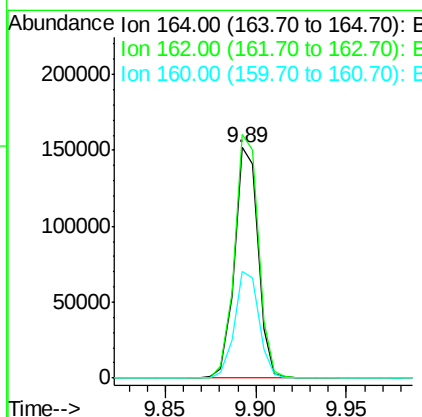
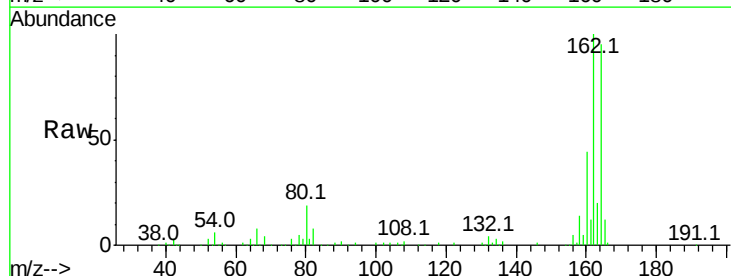
Instrument :
BNA_F
ClientSampled :

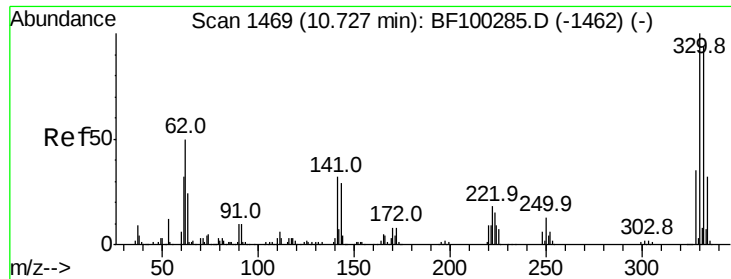
Tot Ion: 82 Resp: 440469
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Tgt Ion:164 Resp: 137964
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 46.1 38.3 57.5

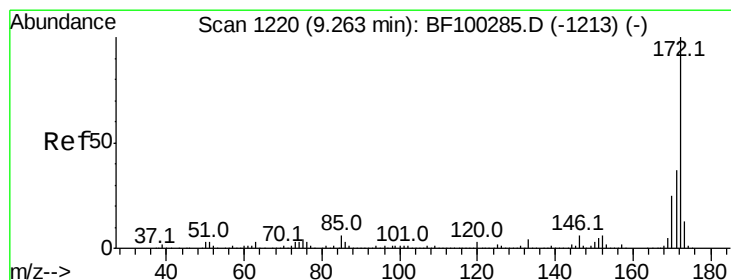
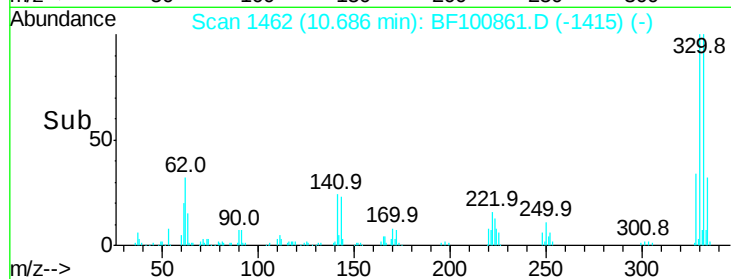
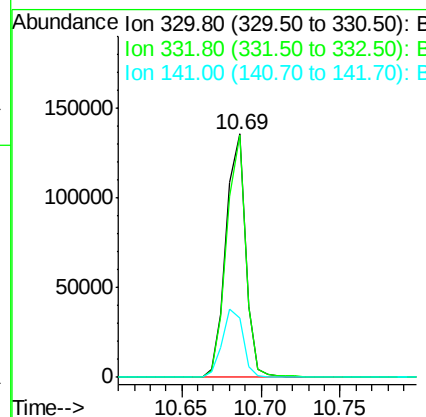
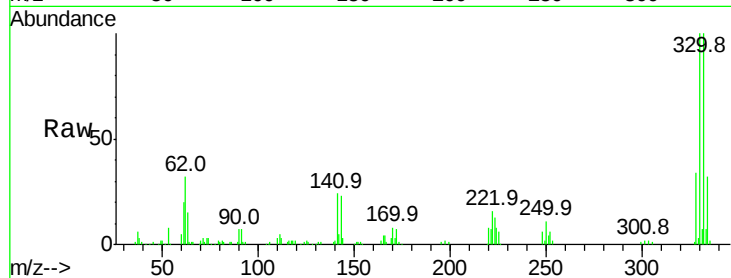




#41
 2,4,6-Tribromophenol
 Concen: 83.677 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

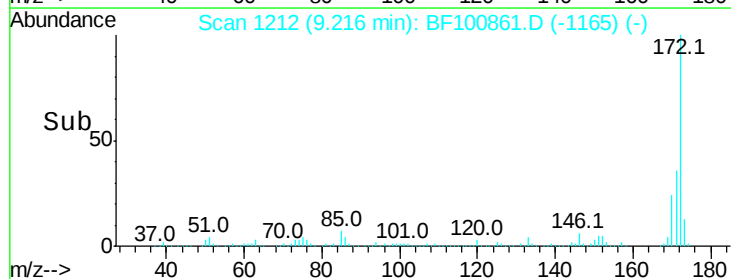
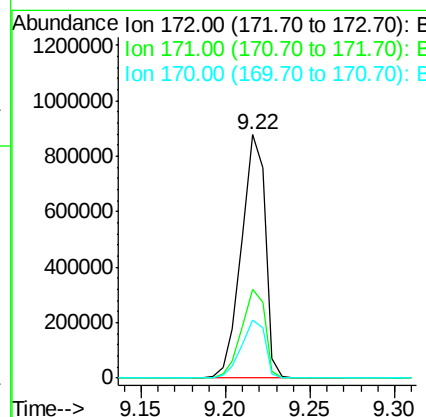
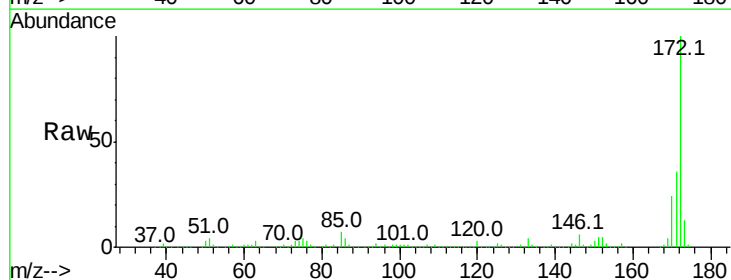
Instrument :
 BNA_F
 ClientSampleId :

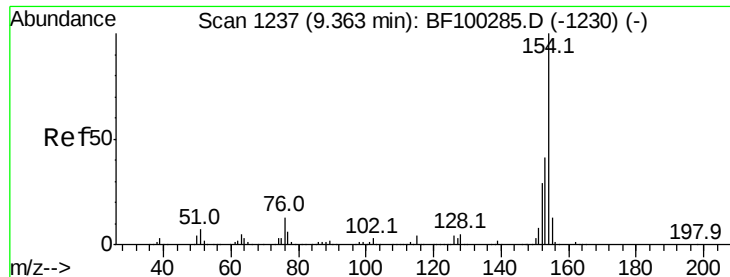
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 95.441 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.7	19.6	29.4

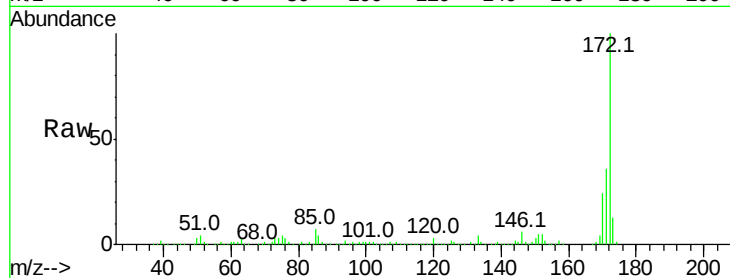




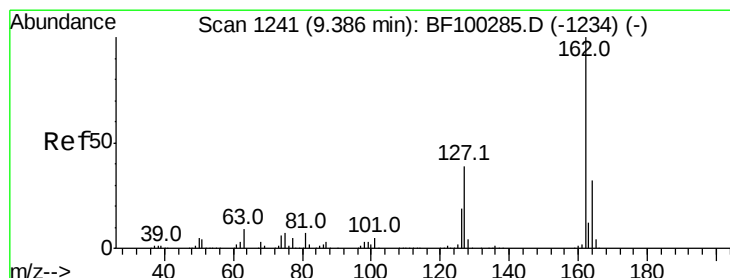
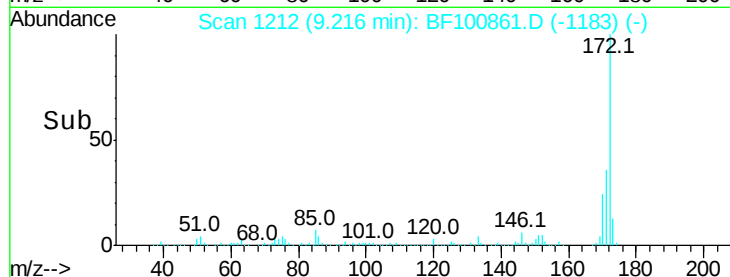
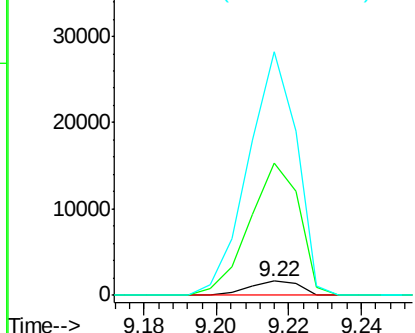
#45
 1,1'-Biphenyl
 Concen: 0.128 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.13 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1529
 Ion Ratio Lower Upper
 154 100
 153 928.1 21.3 61.3#
 76 1713.7 0.0 34.0#

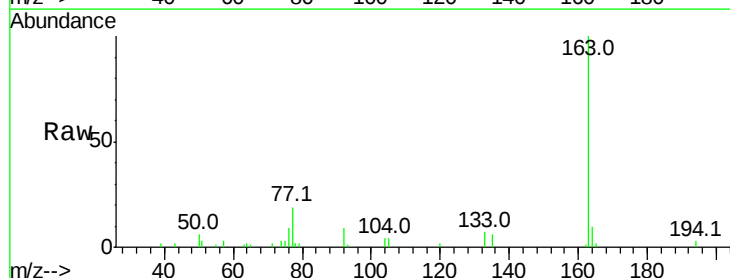


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

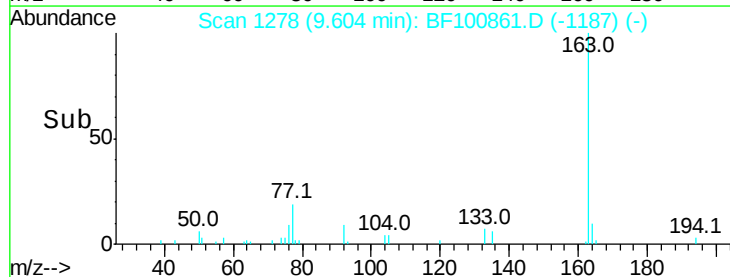
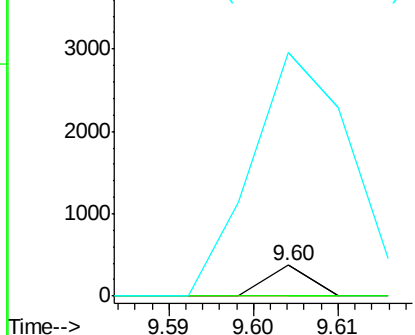


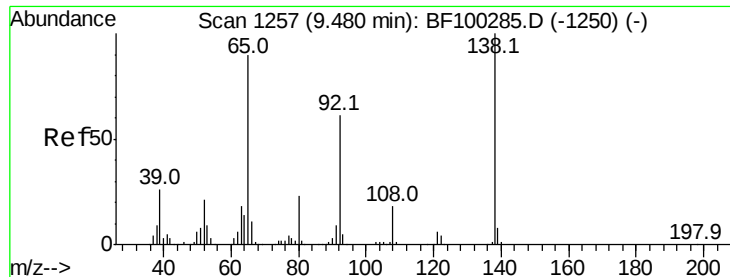
#46
 2-Chloronaphthalene
 Concen: 0.015 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.24 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion:162 Resp: 133
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 784.4 26.5 39.7#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 2.828 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.14 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

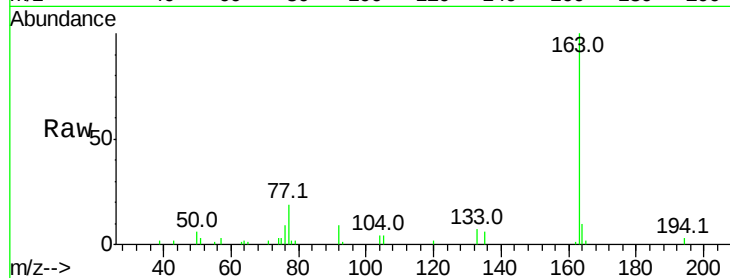
Tot Ion: 65 Resp: 120

Ion Ratio Lower Upper

65 100

92 768.9 55.8 83.6#

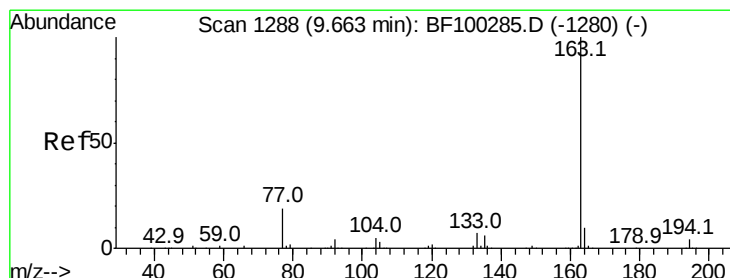
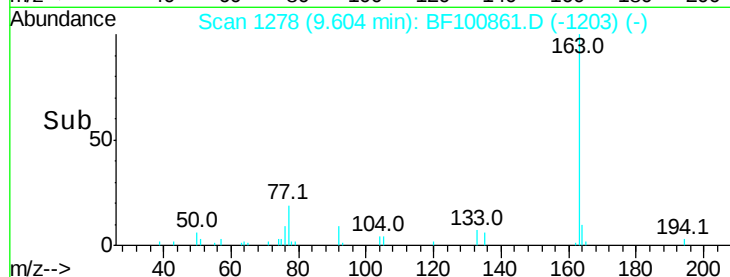
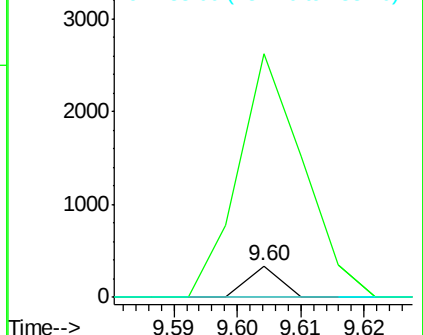
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 2.334 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

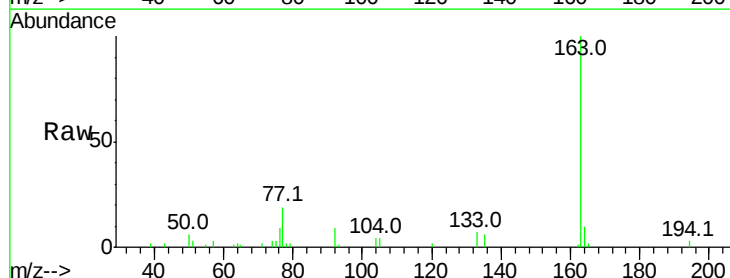
Tgt Ion: 163 Resp: 24585

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

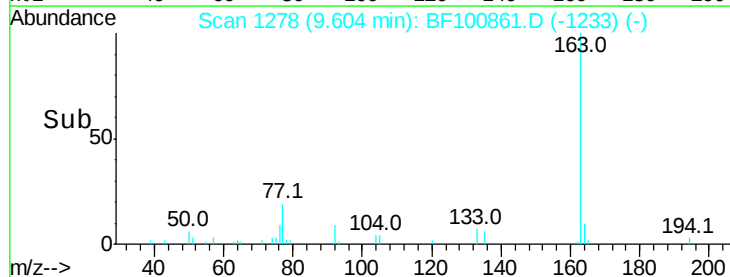
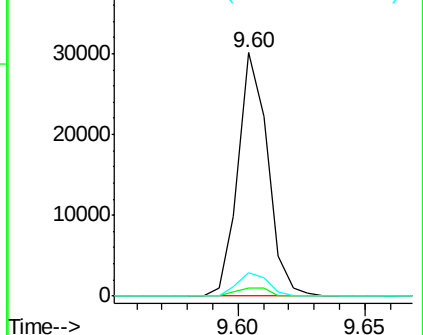
164 9.8 8.2 12.2

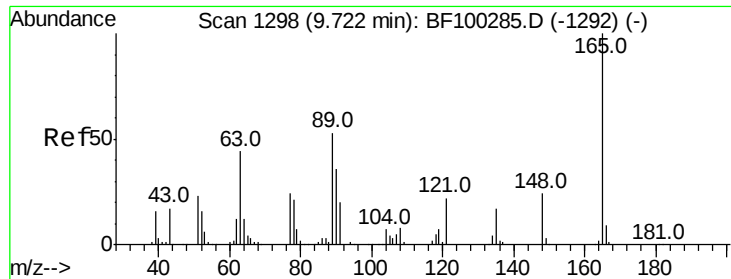


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

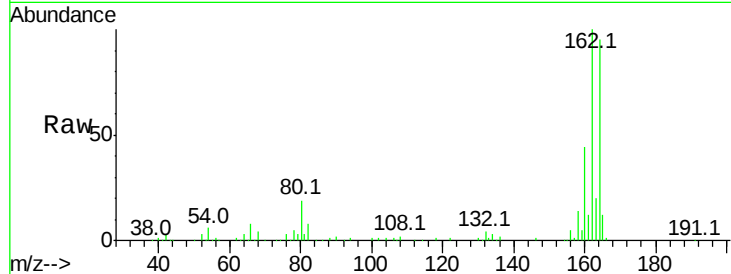




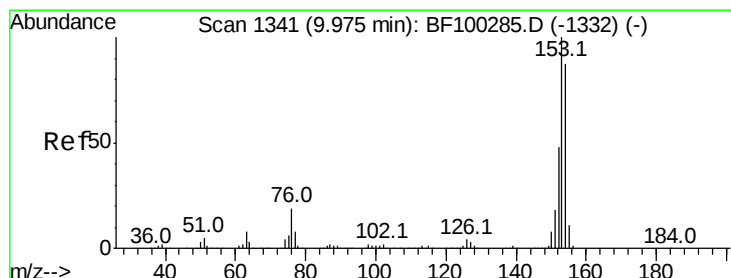
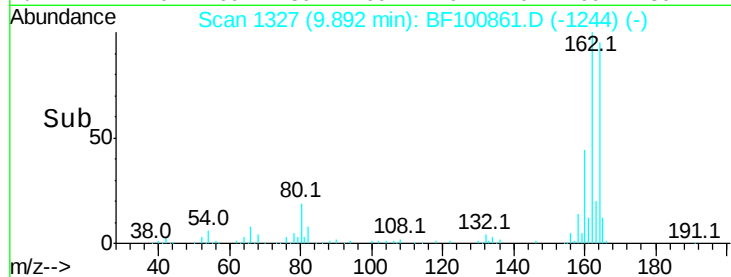
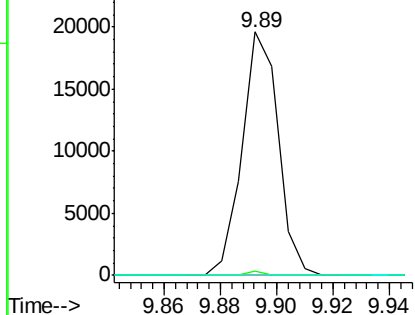
#50
 2,6-Dinitrotoluene
 Concen: 8.339 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.19 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#

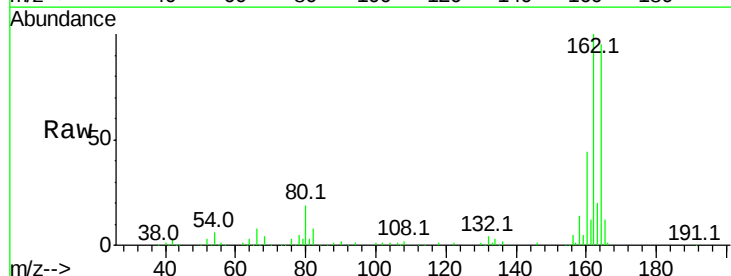


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

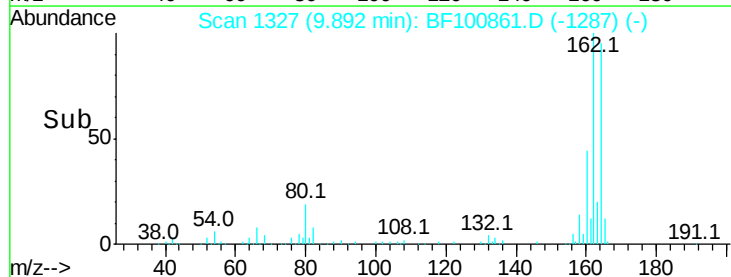
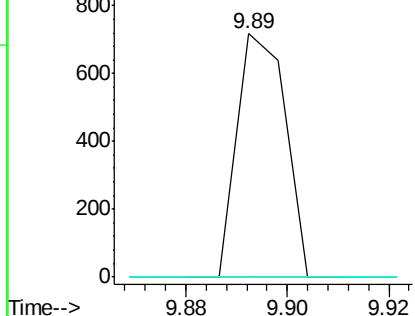


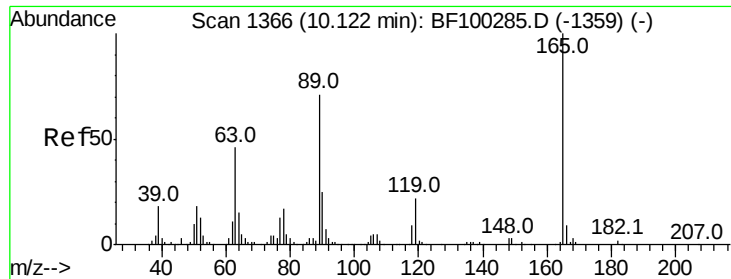
#51
 Acenaphthene
 Concen: 0.055 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.06 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt 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

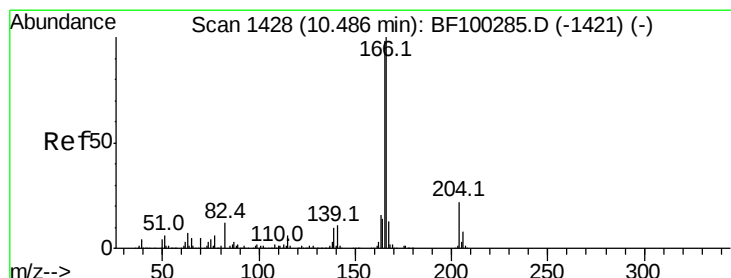
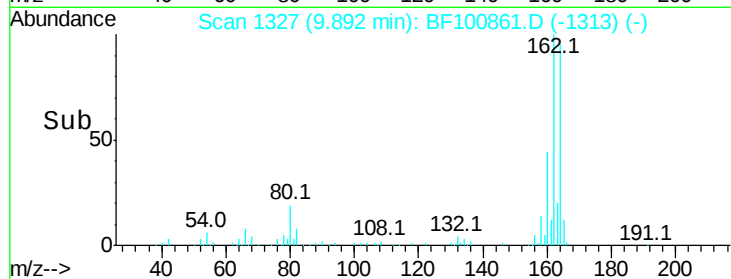
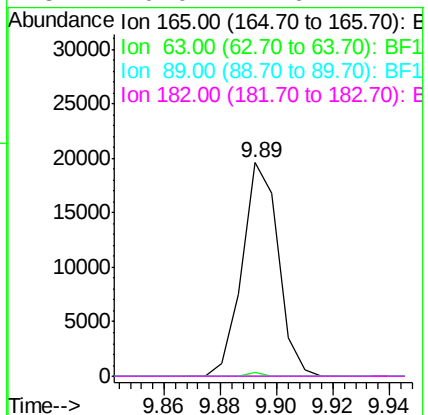
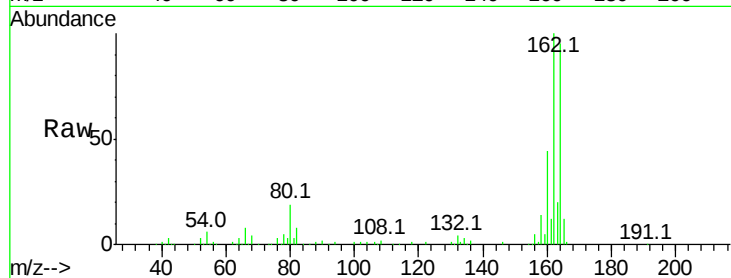




#56
 2,4-Dinitrotoluene
 Concen: 6.610 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.22 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

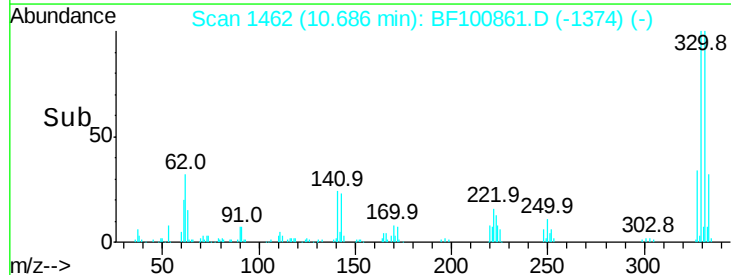
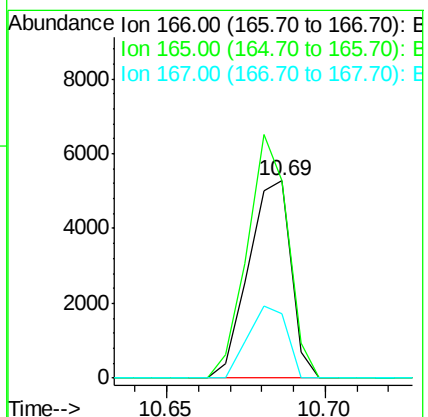
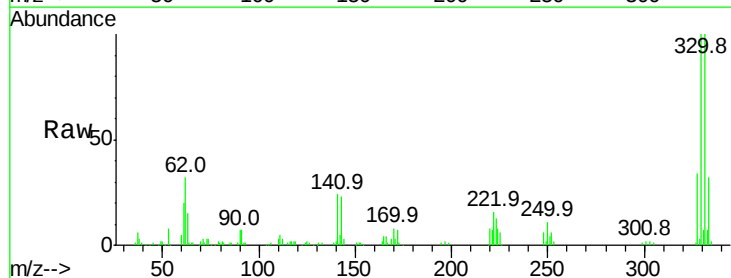
Instrument :
 BNA_F
 ClientSampleId :

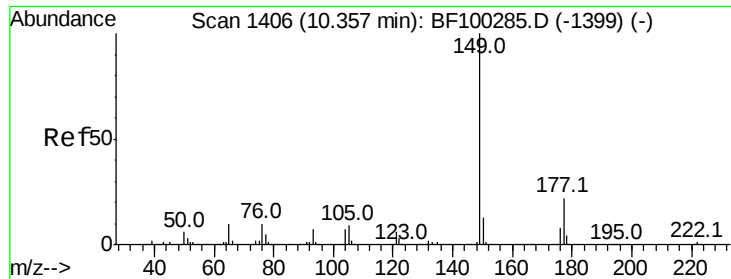
Tot Ion:	165	Resp:	17388
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
 Fluorene
 Concen: 0.548 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.22 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion:	166	Resp:	4909
Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	32.6	10.6	16.0#

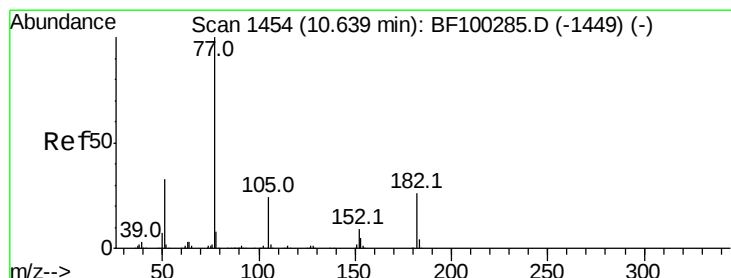
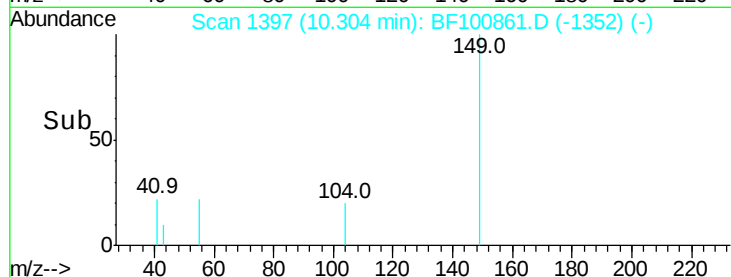
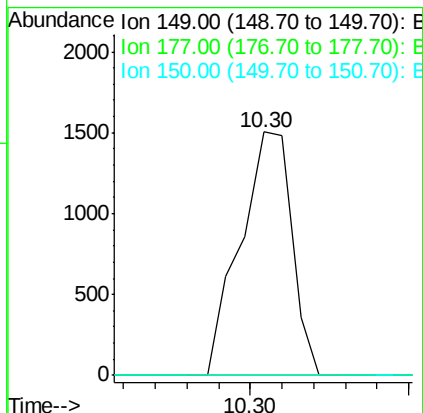
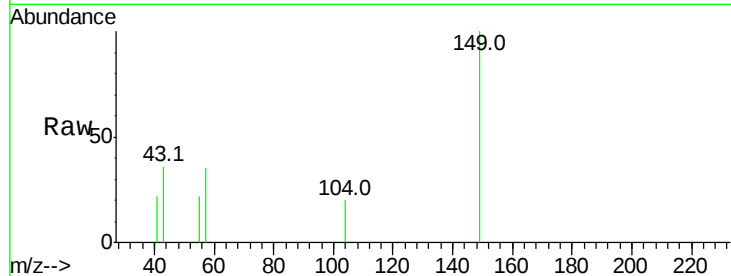




#59
Diethylphthalate
Concen: 0.161 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

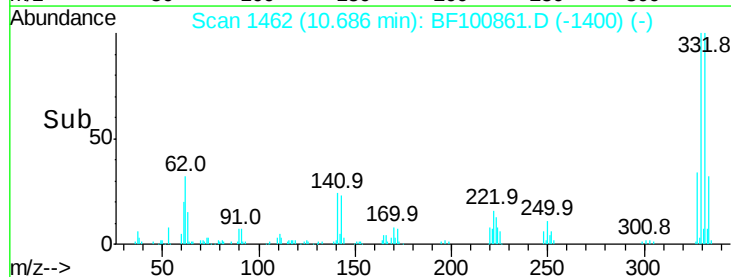
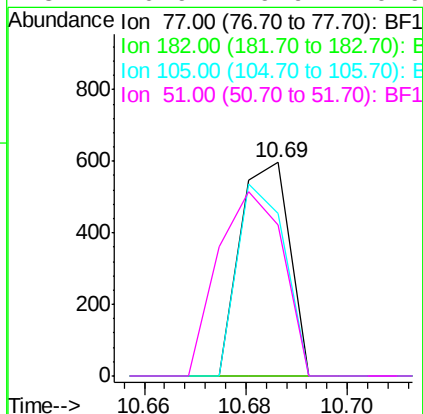
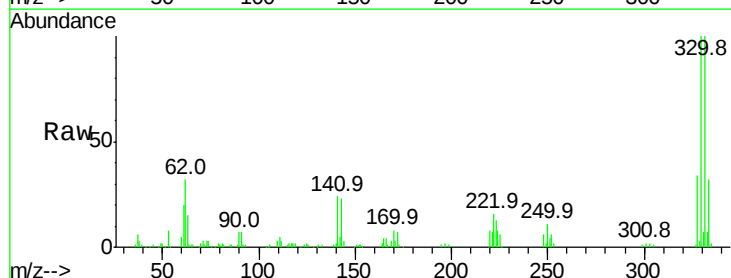
Instrument :
BNA_F
ClientSampleId :

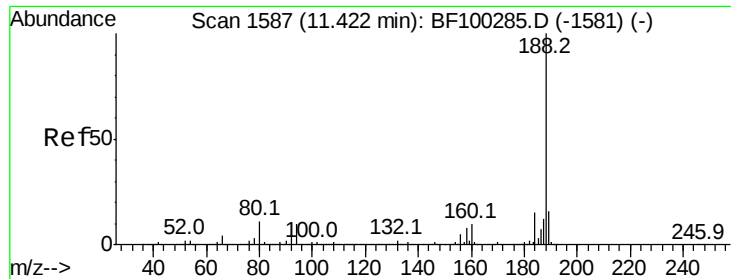
Tot Ion:149 Resp: 1701
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.041 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.06 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Tgt Ion: 77 Resp: 403
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 76.0 3.0 43.0#
51 70.9 9.9 49.9#

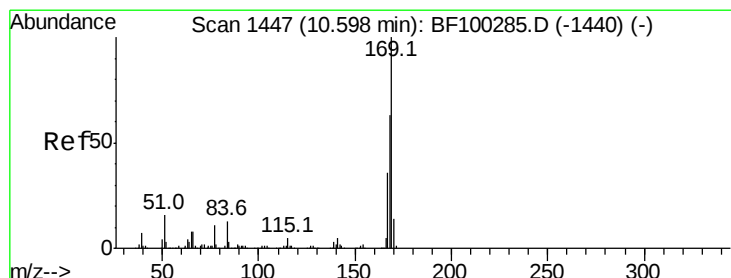
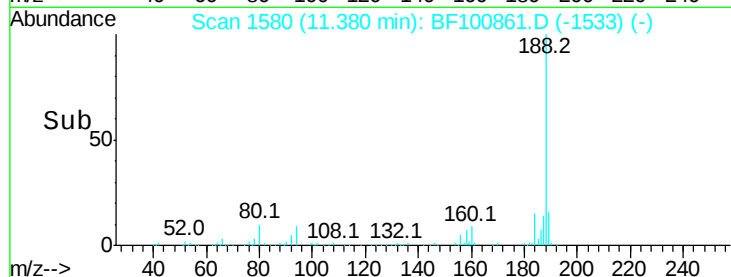
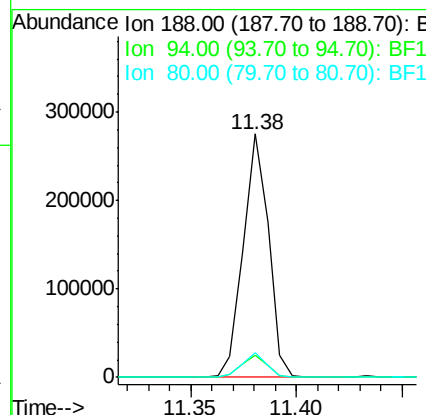
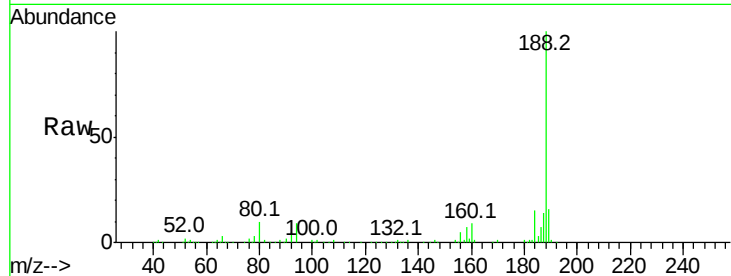




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

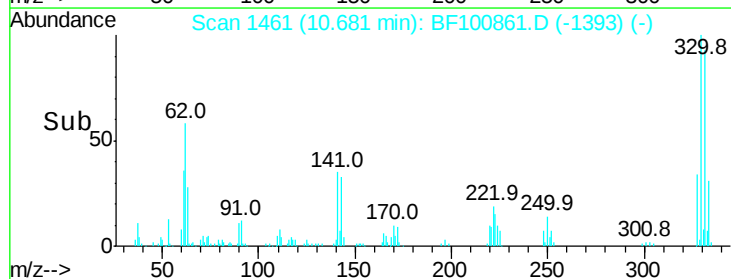
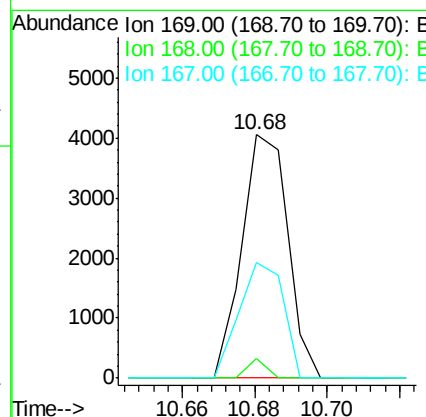
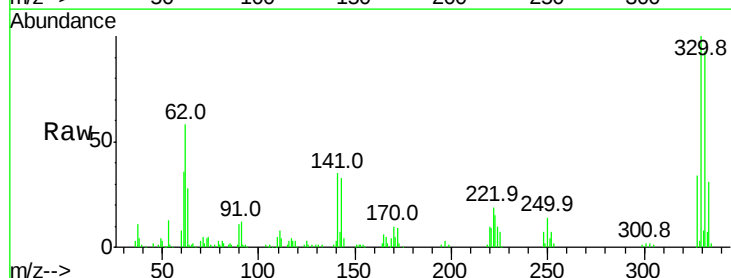
Instrument :
BNA_F
ClientSampleId :

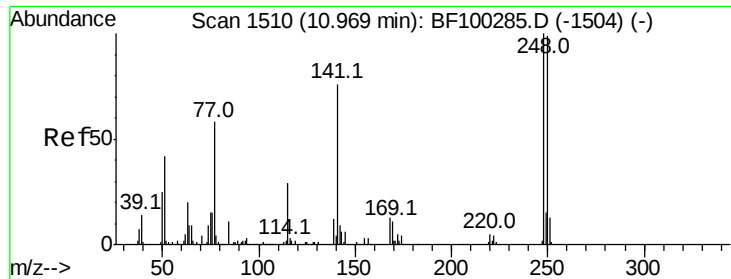
Tot Ion:188 Resp: 227763
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.2 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 0.449 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.10 min
Lab File: BF100861.D
Acq: 23 Nov 2017 8:54

Tgt Ion:169 Resp: 3554
Ion Ratio Lower Upper
169 100
168 8.0 54.4 81.6#
167 47.3 29.8 44.6#

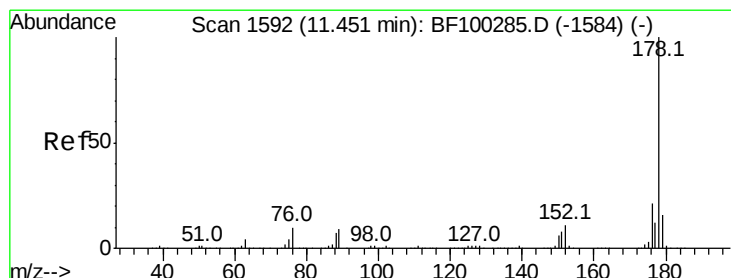
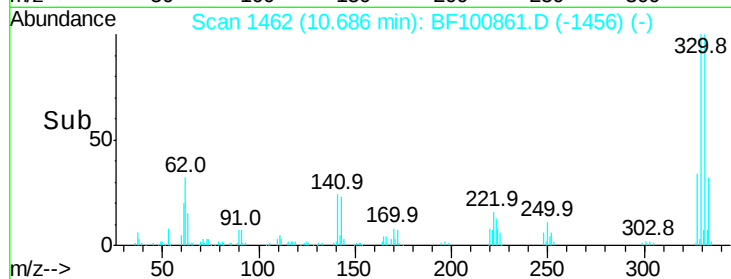
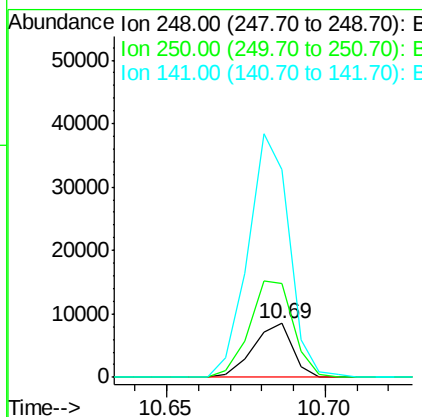
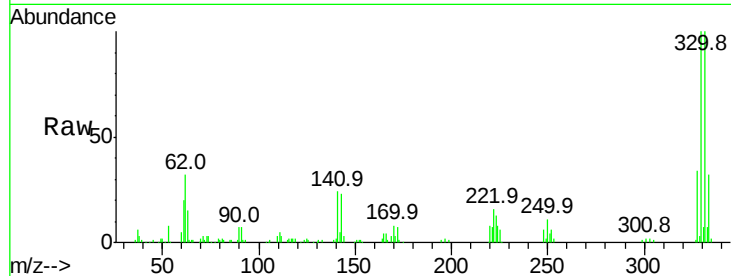




#66
 4-Bromophenyl-phenylether
 Concen: 3.006 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

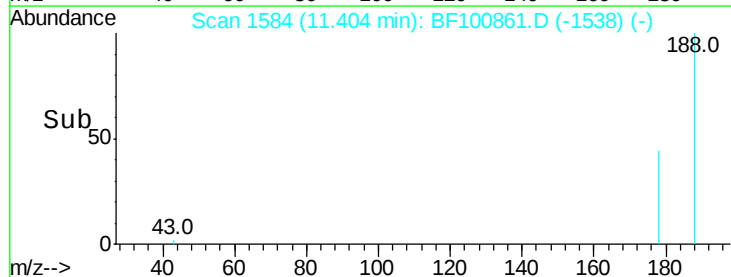
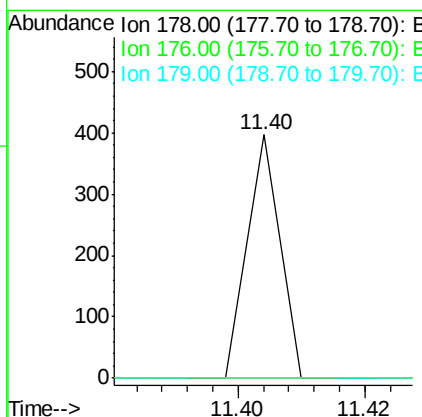
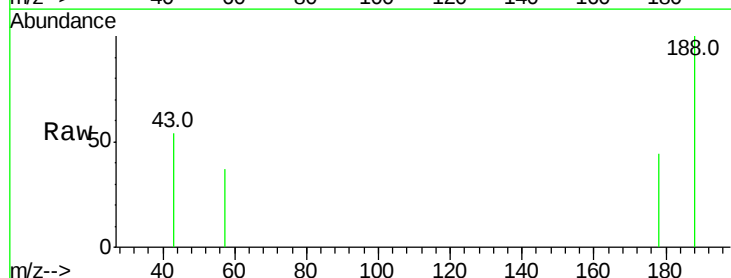
Instrument :
 BNA_F
 ClientSampled :

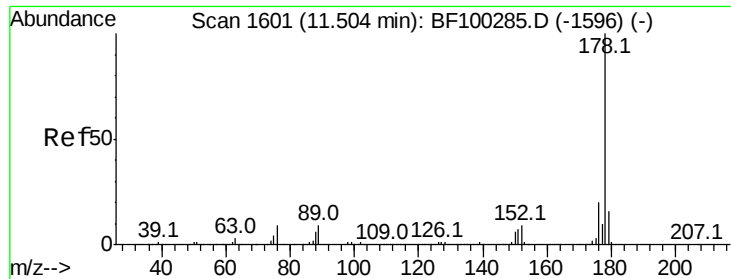
Tot Ion:248 Resp: 7339
 Ion Ratio Lower Upper
 248 100
 250 175.1 76.9 115.3#
 141 387.2 74.4 111.6#



#70
 Phenanthrene
 Concen: 0.012 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion:178 Resp: 140
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 13.0 19.6#

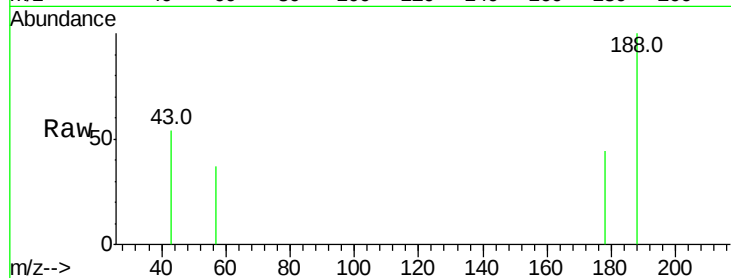




#71
 Anthracene
 Concen: 0.012 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.08 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

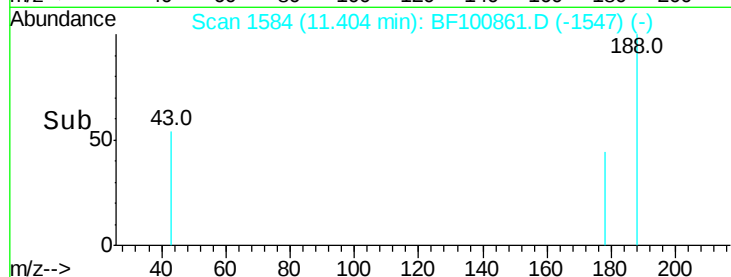
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 140
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#

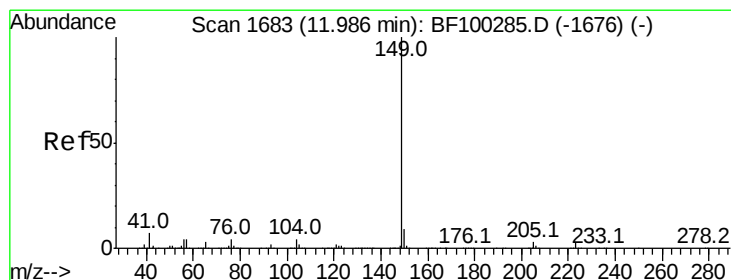


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

11.40

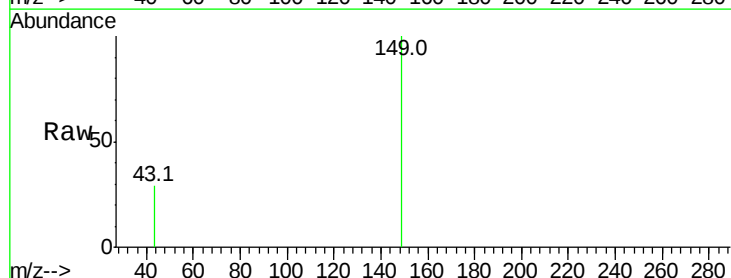


Time-->



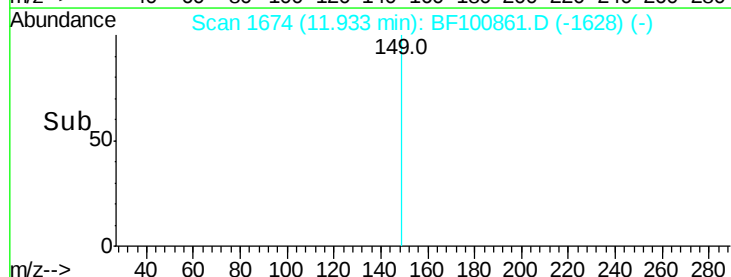
#73
 Di-n-butylphthalate
 Concen: 0.068 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.03 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion:149 Resp: 895
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.8 5.8#

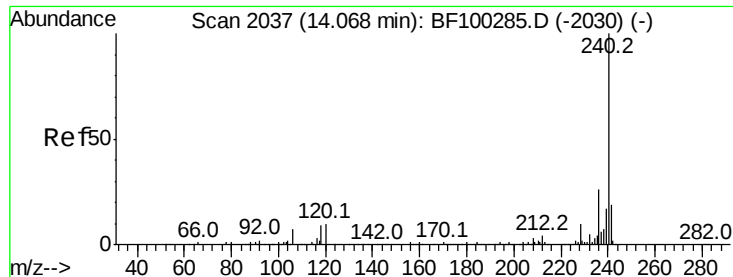


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

11.93



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

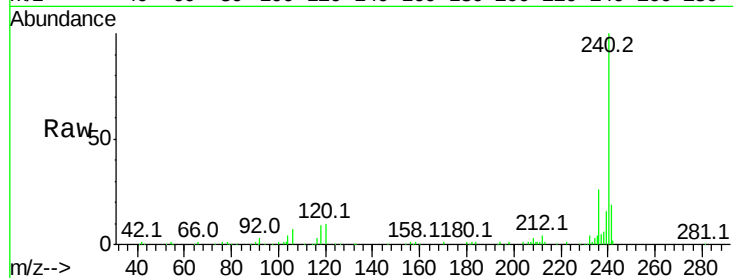
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 151959

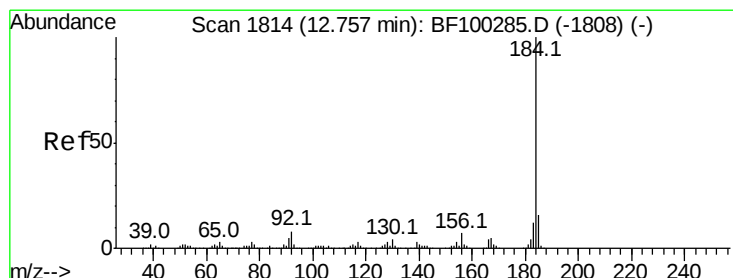
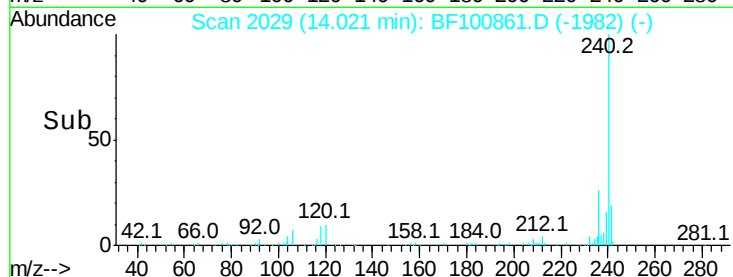
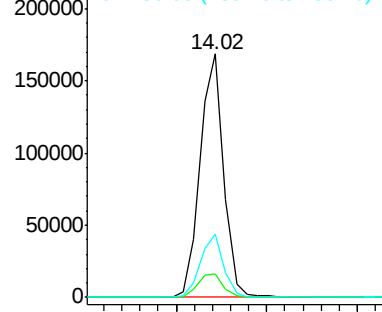
Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.1	20.7	31.1



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



#76

Benzidine

Concen: 1.189 ng

RT: 12.97 min Scan# 1850

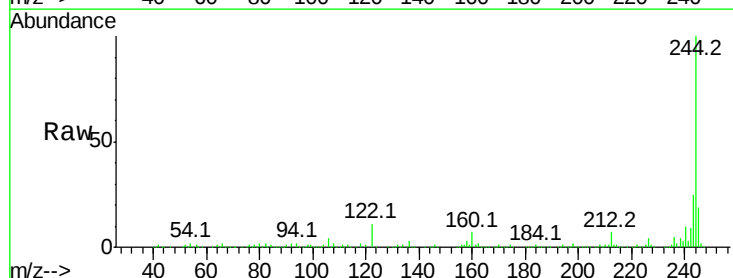
Delta R.T. 0.23 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Tgt Ion:184 Resp: 7233

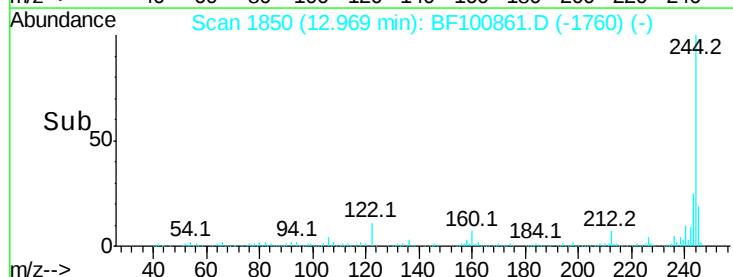
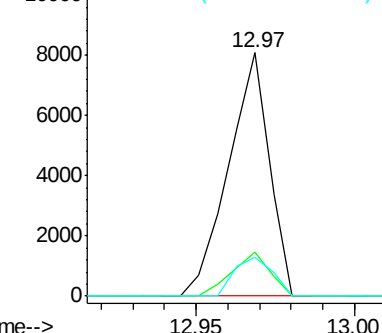
Ion	Ratio	Lower	Upper
184	100		
185	18.0	12.6	18.8
183	15.9	9.3	13.9#

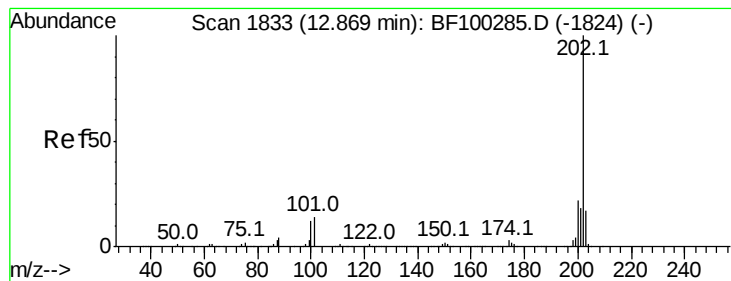


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.153 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.12 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

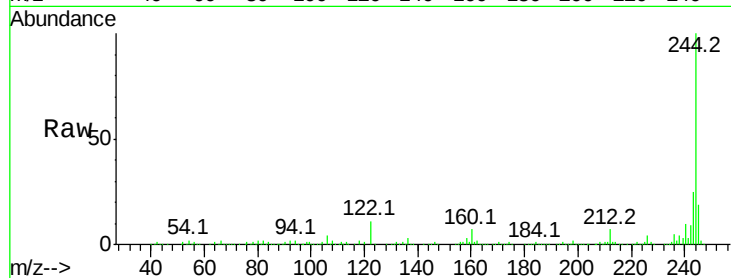
Tot Ion:202 Resp: 1660

Ion Ratio Lower Upper

202 100

200 51.1 17.4 26.2#

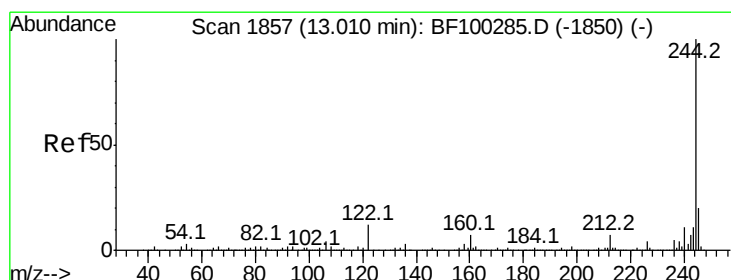
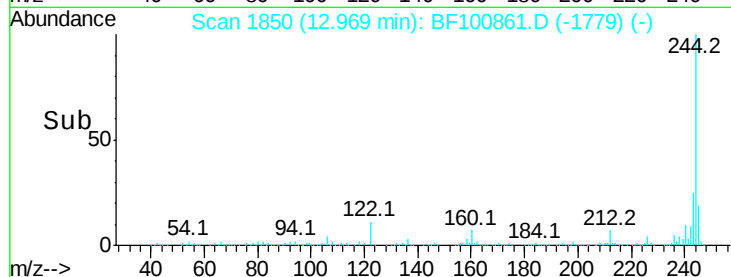
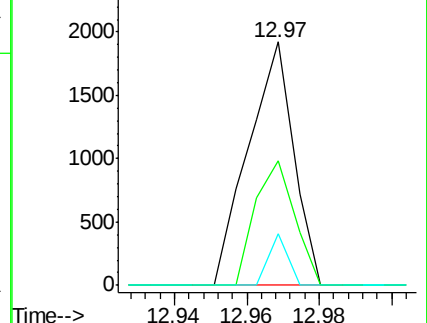
203 21.3 14.3 21.5



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: 87.169 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

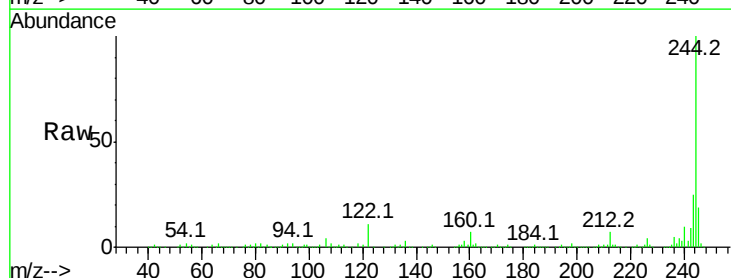
Tgt Ion:244 Resp: 576493

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

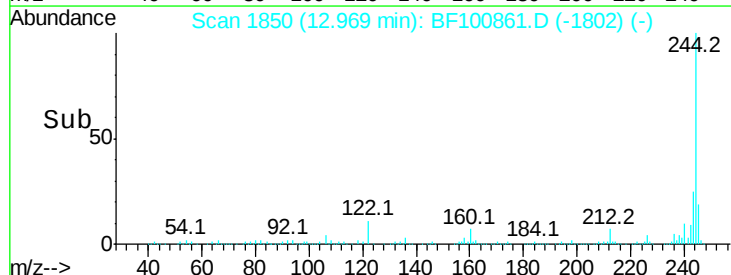
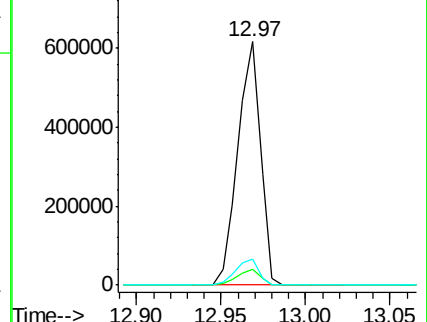
122 10.9 11.0 16.4#

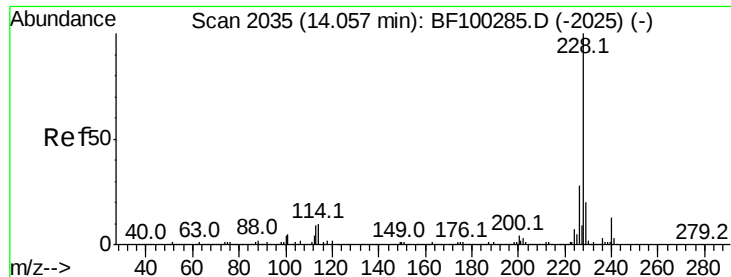


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.043 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampled :

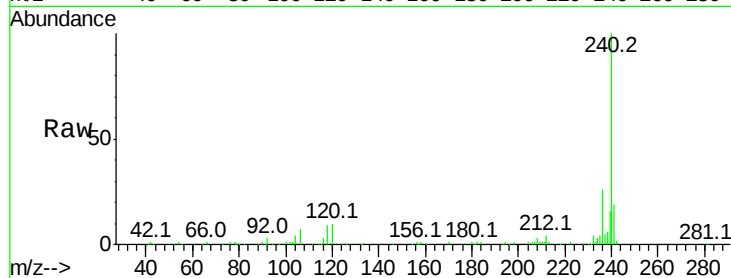
Tot Ion:228 Resp: 389

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

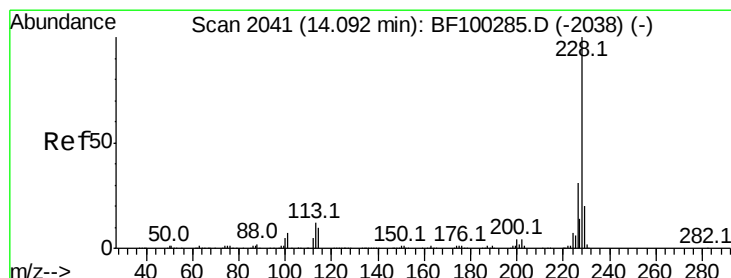
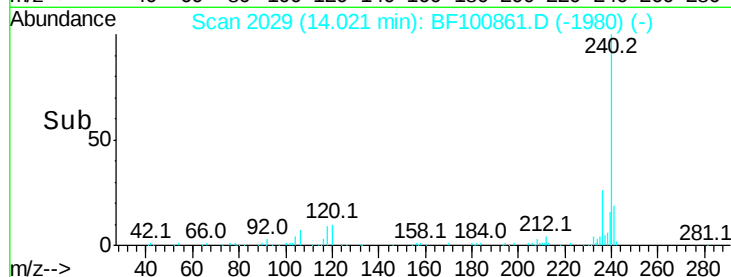
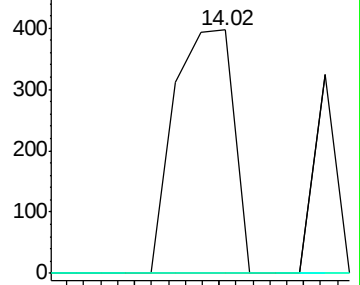
229 0.0 15.8 23.6#



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: 0.013 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

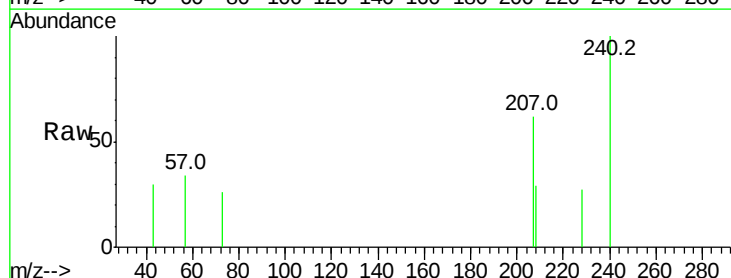
Tgt Ion:228 Resp: 115

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

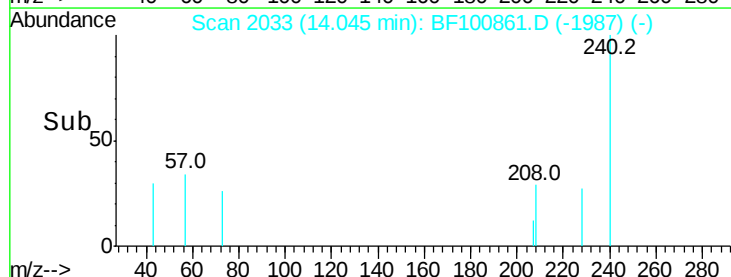
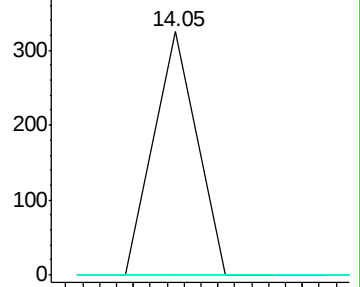
229 0.0 16.2 24.4#

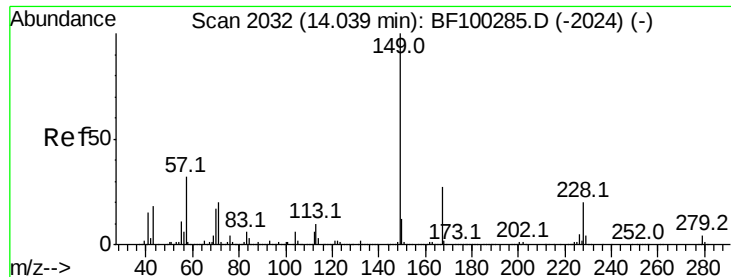


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.114 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

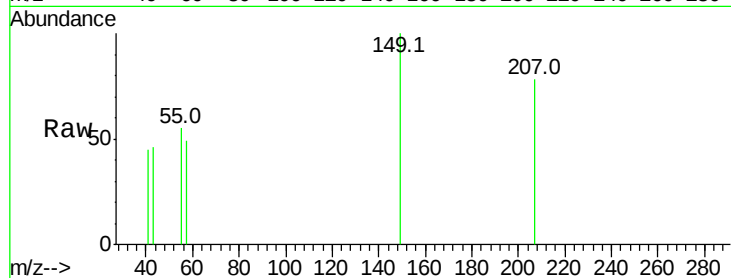
Tot Ion:149 Resp: 661

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

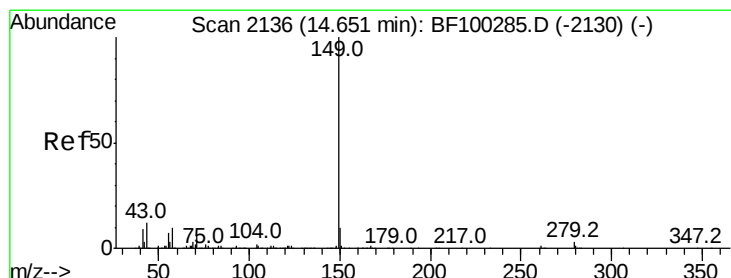
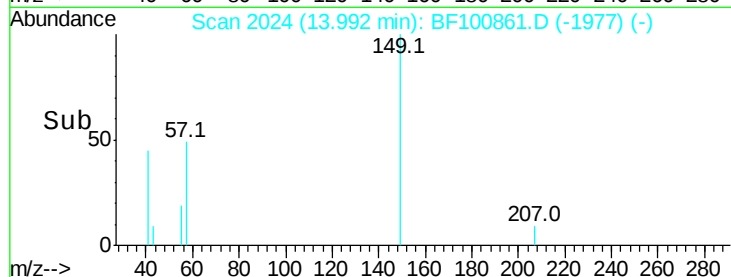
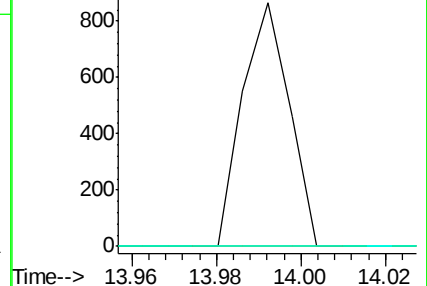
279 0.0 3.0 4.4#



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: 0.015 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

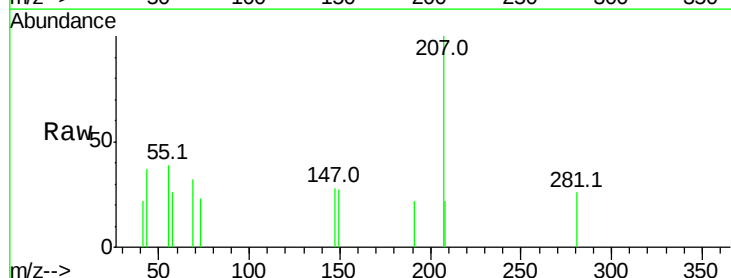
Tgt Ion:149 Resp: 148

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

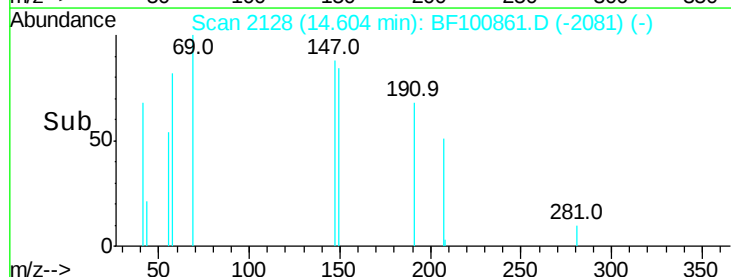
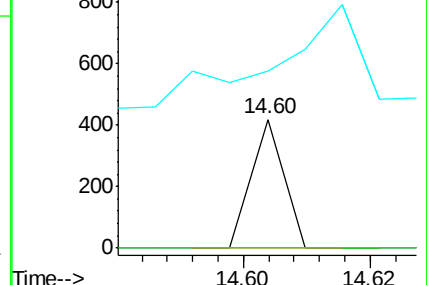
43 218.2 8.4 12.6#

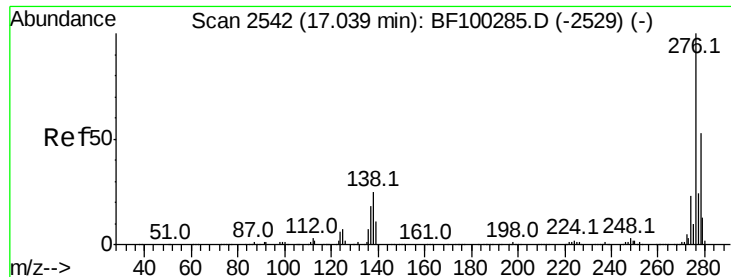


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

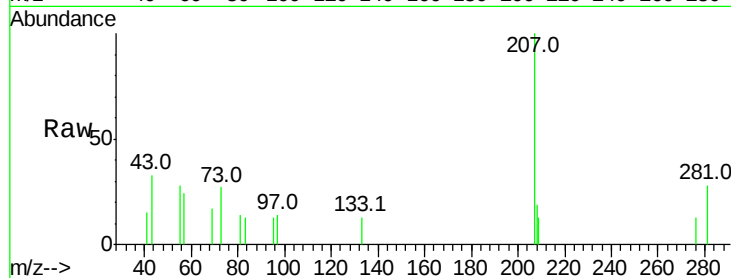




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.015 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.04 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	25.0	37.6#
277	0.0	20.1	30.1#

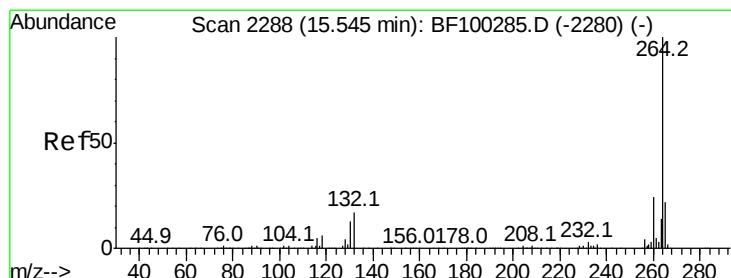
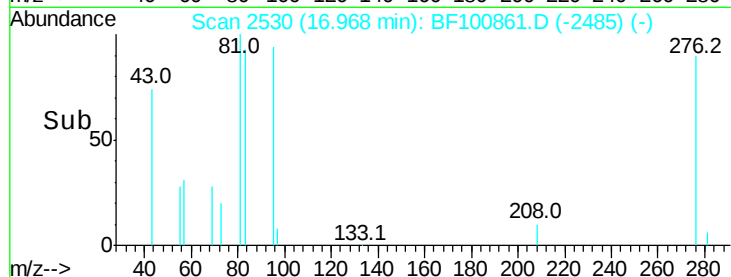
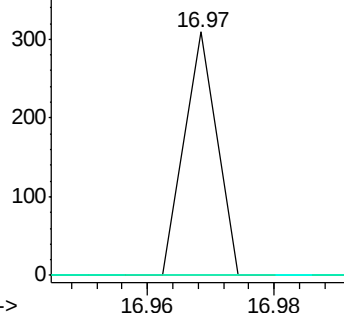


Abundance

Ion 276.00 (275.70 to 276.70): E

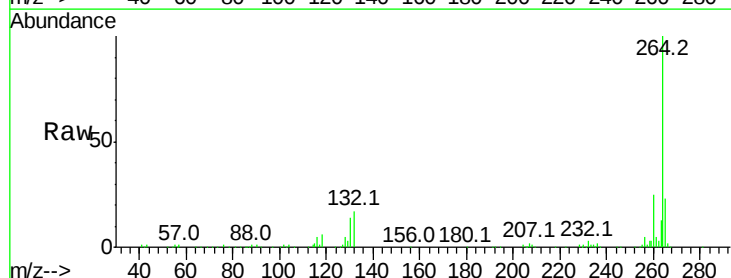
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.9	17.5	26.3

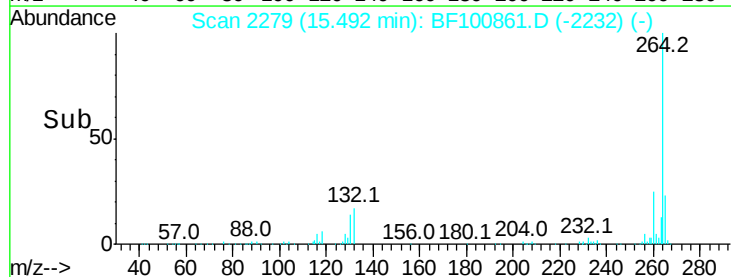
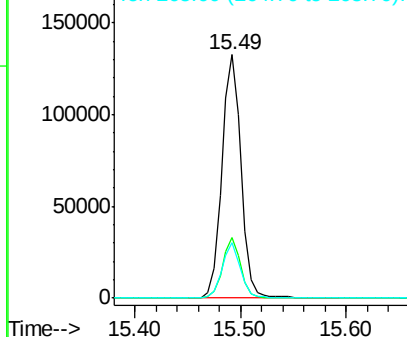


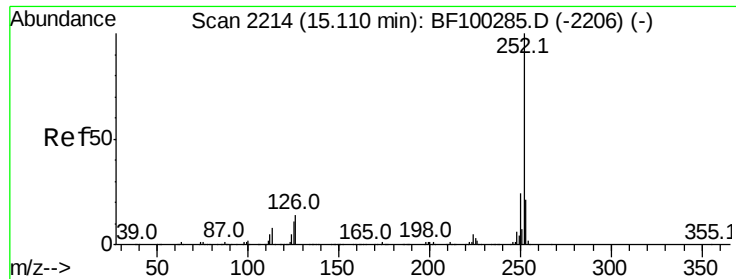
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 0.067 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF100861.D

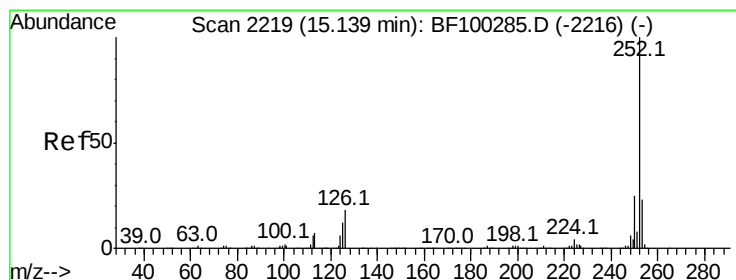
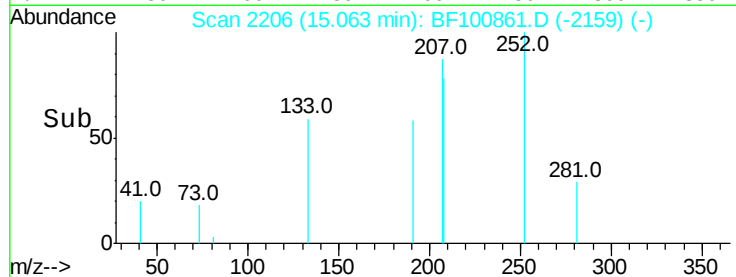
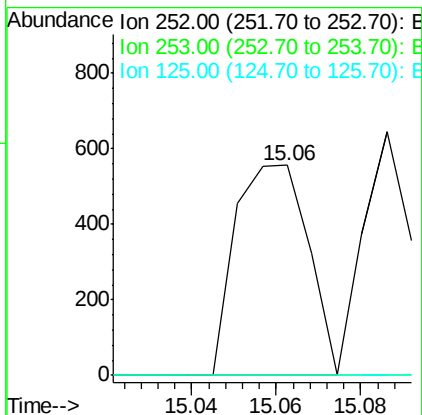
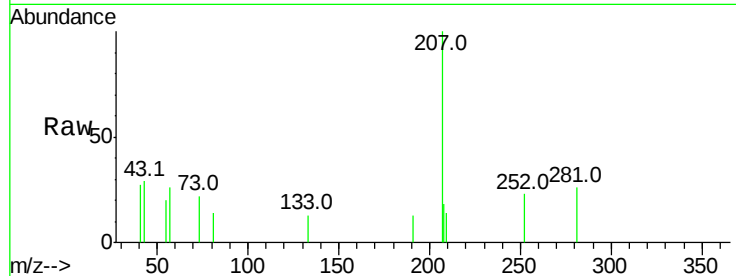
Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	668
Ion Ratio	Lower	Upper
252	100	
253	0.0	17.0 25.6#
125	0.0	9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 0.052 ng

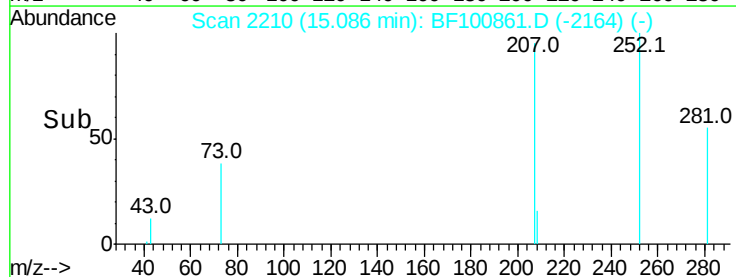
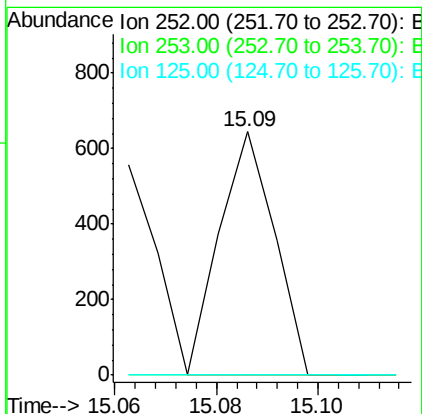
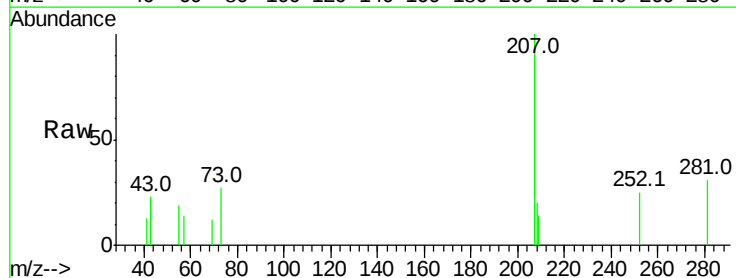
RT: 15.09 min Scan# 2210

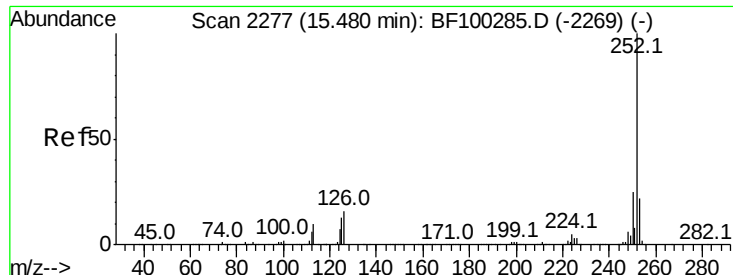
Delta R.T. -0.03 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Tgt Ion:252	Resp:	486
Ion Ratio	Lower	Upper
252	100	
253	0.0	17.9 26.9#
125	0.0	10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.048 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

Instrument :

BNA_F

ClientSampleId :

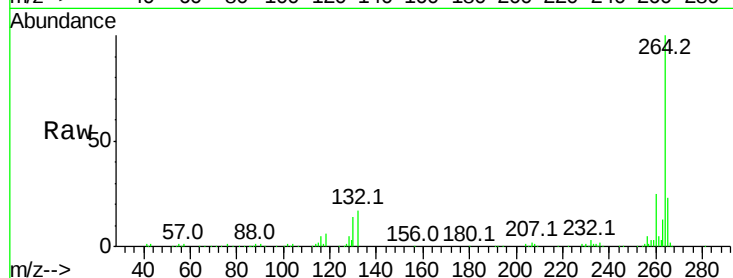
Tot Ion:252 Resp: 422

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

125 0.0 9.8 14.6#

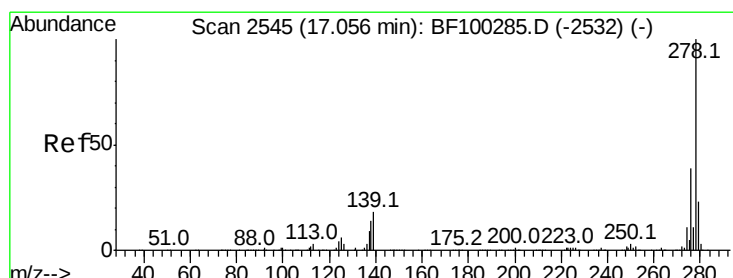
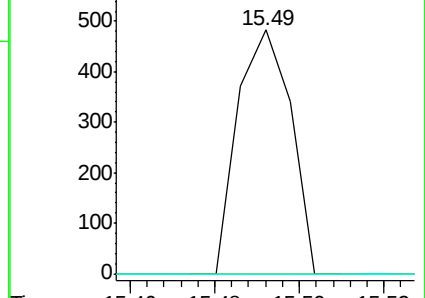
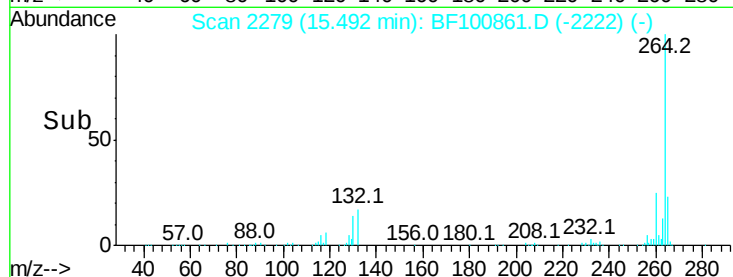


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.49



#90

Dibenzo(a,h)anthracene

Concen: 0.016 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.05 min

Lab File: BF100861.D

Acq: 23 Nov 2017 8:54

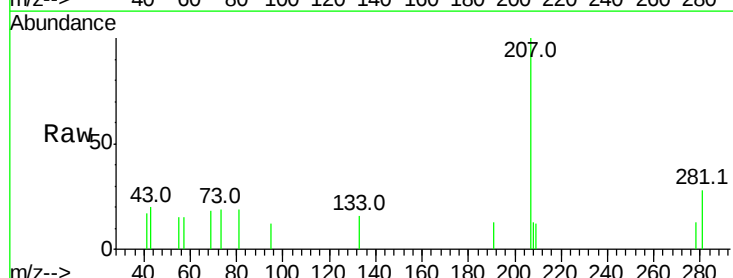
Tgt Ion:278 Resp: 116

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

279 0.0 19.0 28.4#

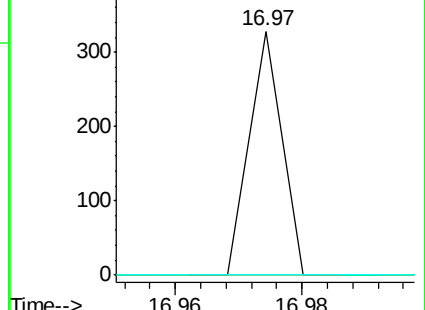
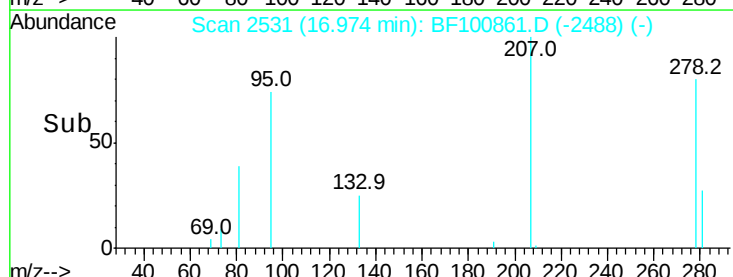


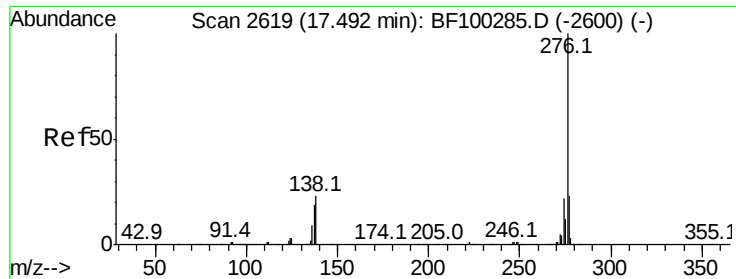
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

16.97

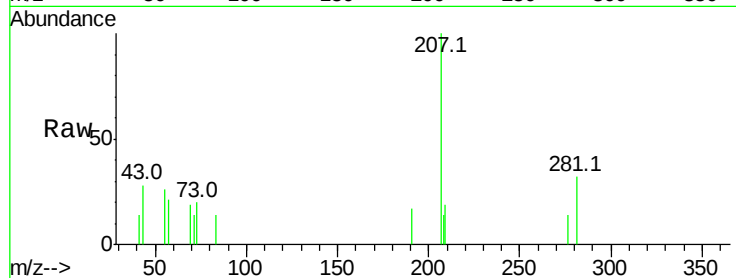




#91
 Benzo(a,h,i)perylene
 Concen: 0.016 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.04 min
 Lab File: BF100861.D
 Acq: 23 Nov 2017 8:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	17.9	26.9#
138	0.0	21.8	32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

