

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100860.D
 Acq On : 23 Nov 2017 8:28
 Operator : SJ/JU
 Sample : I6541-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:50:27 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	77618	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	294509	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	134302	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	227097	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	148089	20.00	ng	-0.02
86) Perylene-d12	15.49	264	168589	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	189247	39.08	ng	-0.02
7) Phenol-d6	6.48	99	140512	23.53	ng	-0.03
23) Nitrobenzene-d5	7.43	82	449418	100.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	116302	84.98	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	870038	98.64	ng	-0.02
78) Terphenyl-d14	12.97	244	577321	89.58	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.49	93	127	0.015	ng	# 1
9) Benzaldehyde	6.63	77	6806	1.596	ng	# 82
10) Phenol	6.49	94	8132	1.297	ng	# 88
11) bis(2-Chloroethyl)ether	6.63	93	373	0.071	ng	# 1
15) Benzyl Alcohol	7.02	79	7320	1.571	ng	# 51
19) n-Nitroso-di-n-propylamine	7.43	70	57881	13.978	ng	# 77
24) Nitrobenzene	7.42	77	1146	0.250	ng	# 36
25) Isophorone	7.43	82	449410	48.009	ng	# 64
31) Naphthalene	8.16	128	108	0.008	ng	# 68
45) 1,1'-Biphenyl	9.22	154	1457	0.125	ng	# 1
47) 2-Nitroaniline	9.22	65	1197	3.237	ng	# 1
49) Dimethylphthalate	9.60	163	9212	0.898	ng	# 95
50) 2,6-Dinitrotoluene	9.89	165	17283	8.515	ng	# 24
51) Acenaphthene	9.90	154	409	0.048	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	17283	6.750	ng	# 21
57) Fluorene	10.69	166	5529	0.634	ng	# 86
59) Diethylphthalate	10.30	149	1948	0.190	ng	# 61
62) Azobenzene	10.68	77	574	0.059	ng	# 14
64) 4,6-Dinitro-2-methylphenol	10.68	198	127	8.661	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3418	0.433	ng	# 40
66) 4-Bromophenyl-phenylether	10.69	248	7320	3.007	ng	# 1
70) Phenanthrene	11.40	178	130	0.011	ng	# 59
71) Anthracene	11.40	178	130	0.011	ng	# 60
73) Di-n-butylphthalate	11.93	149	939	0.072	ng	# 78
76) Benzidine	12.97	184	6892	1.162	ng	# 90
77) Pyrene	12.97	202	1889	0.179	ng	# 71
80) Benzo(a)anthracene	14.02	228	458	0.051	ng	# 51
82) Chrysene	14.04	228	139	0.016	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	650	0.115	ng	# 53
84) Di-n-octyl phthalate	14.60	149	238	0.024	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.97	276	106	0.015	ng	# 46
87) Benzo(b)fluoranthene	15.06	252	511	0.051	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	314	0.033	ng	# 59
89) Benzo(a)pyrene	15.49	252	396	0.045	ng	# 60

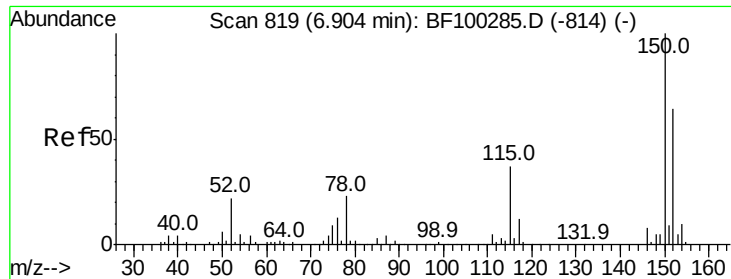
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100860.D
Acq On : 23 Nov 2017 8:28
Operator : SJ/JU
Sample : I6541-02
Misc :
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Quant Time: Nov 23 23:50:27 2017
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Quant Title : ASP BNA STANDARDS 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	17.40	276	149	0.021	ng	# 50

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

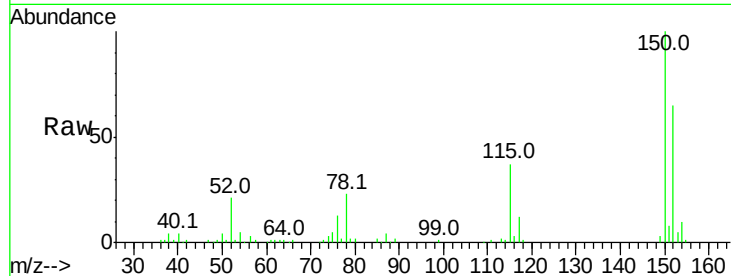


#1

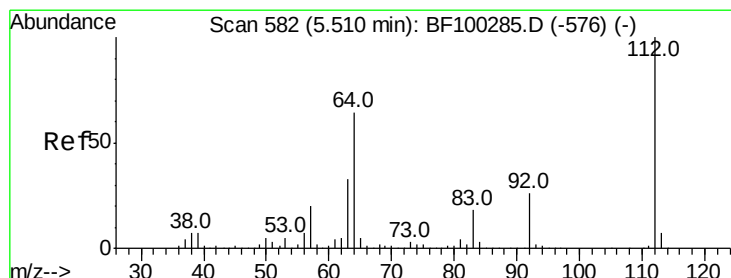
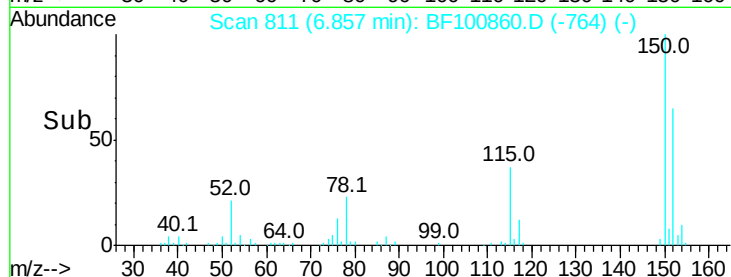
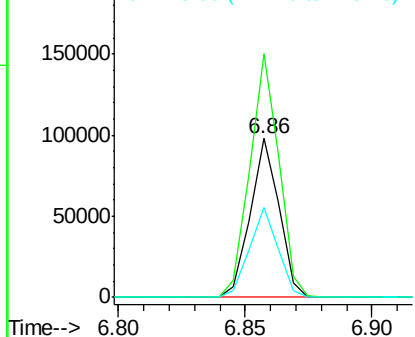
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77618
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 57.0 50.1 75.1



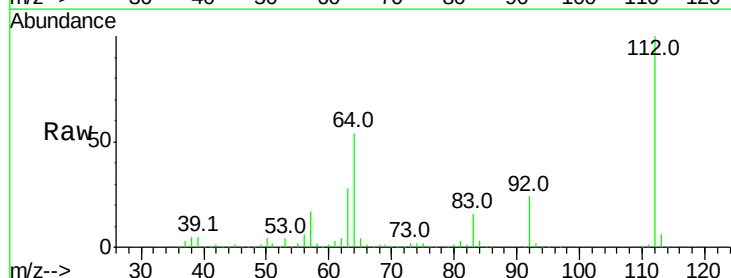
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



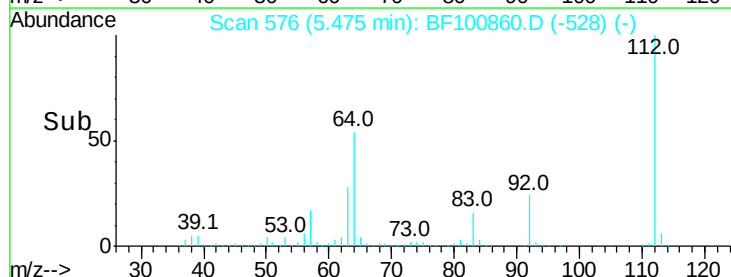
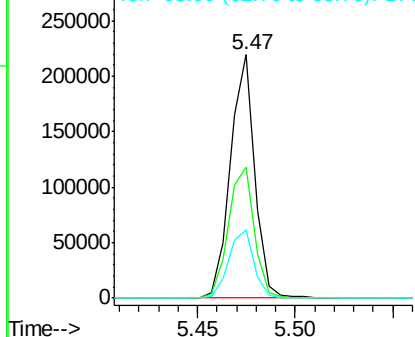
#5

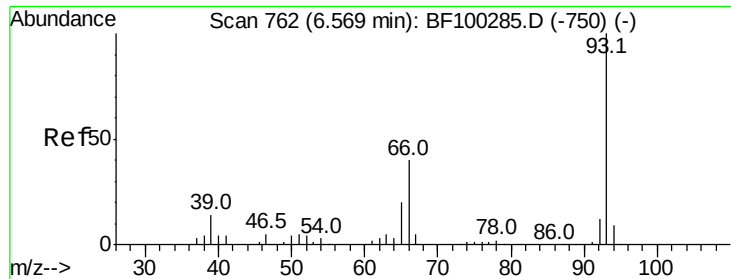
2-Fluorophenol
Concen: 39.084 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Tgt Ion:112 Resp: 189247
Ion Ratio Lower Upper
112 100
64 54.0 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: 0.015 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampleId :

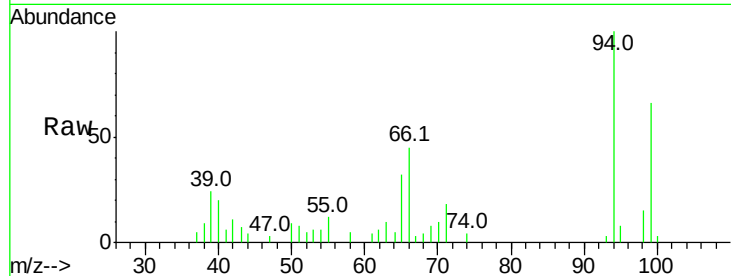
Tot Ion: 93 Resp: 127

Ion Ratio Lower Upper

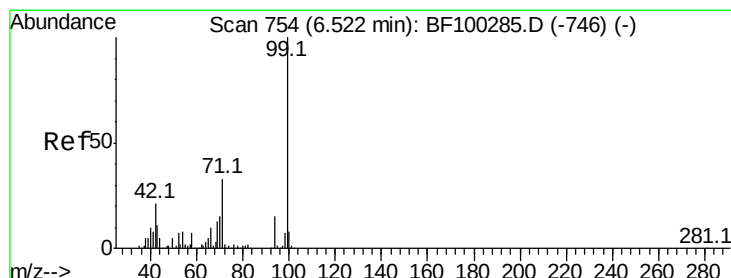
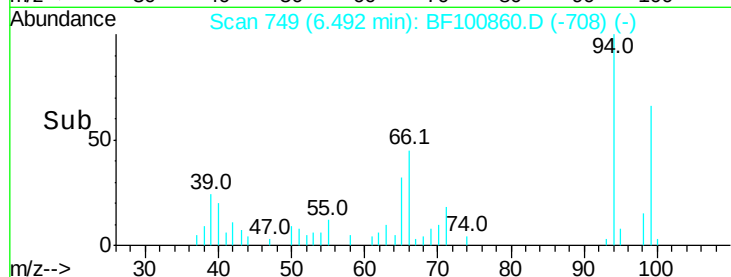
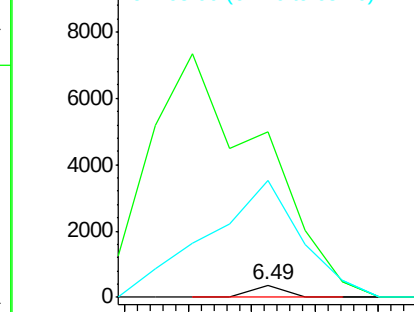
93 100

66 1387.5 32.2 48.2#

65 974.8 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



#7

Phenol-d6

Concen: 23.533 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

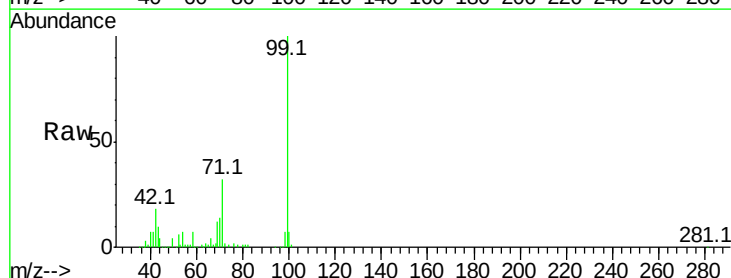
Tgt Ion: 99 Resp: 140512

Ion Ratio Lower Upper

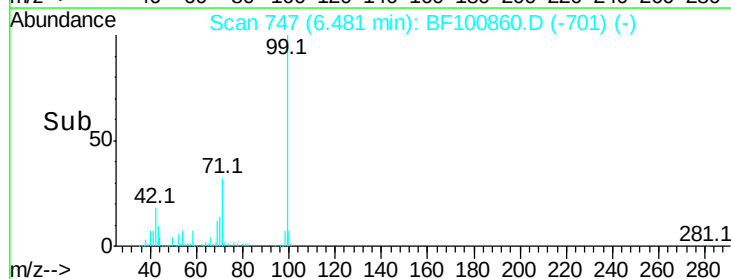
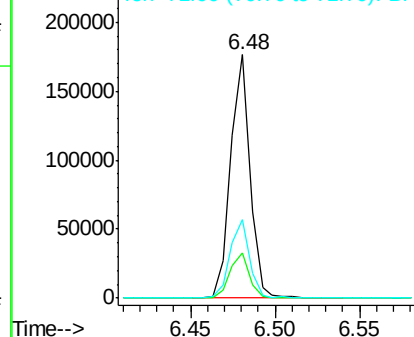
99 100

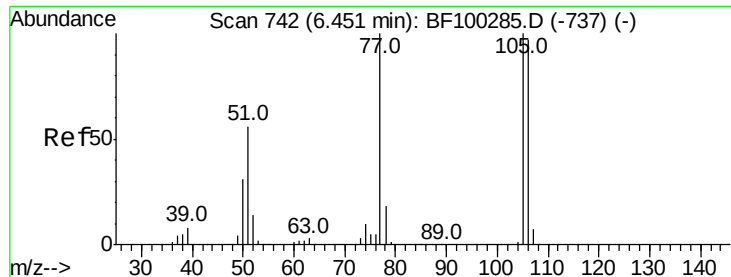
42 18.4 14.5 21.7

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





#9

Benzaldehyde

Concen: 1.596 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampled :

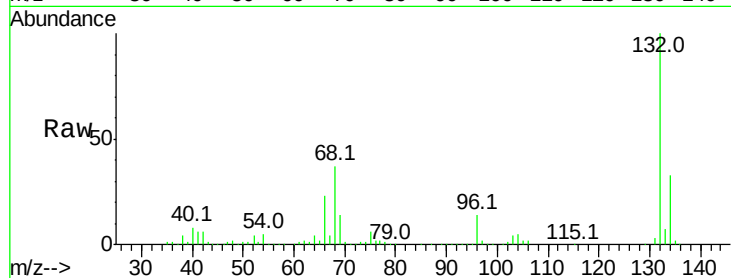
Tot Ion: 77 Resp: 6806

Ion Ratio Lower Upper

77 100

105 81.9 81.1 121.1

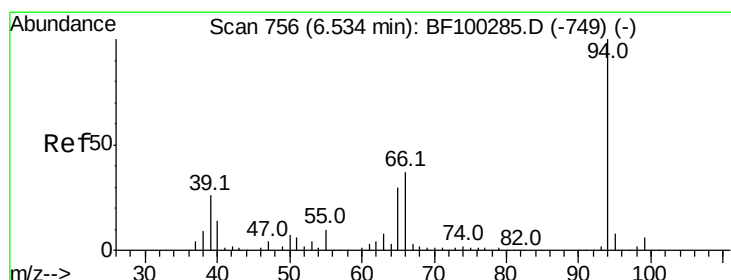
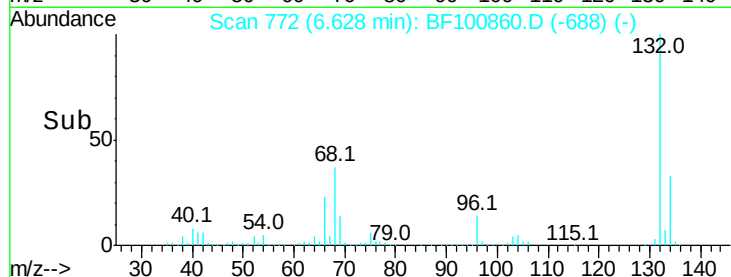
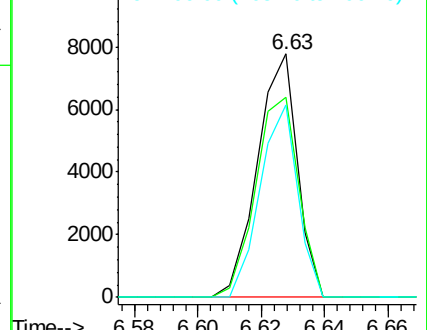
106 79.1 74.5 114.5



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: 1.297 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

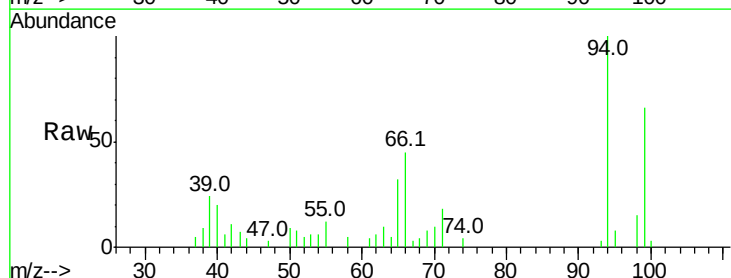
Tgt Ion: 94 Resp: 8132

Ion Ratio Lower Upper

94 100

65 31.8 7.9 47.9

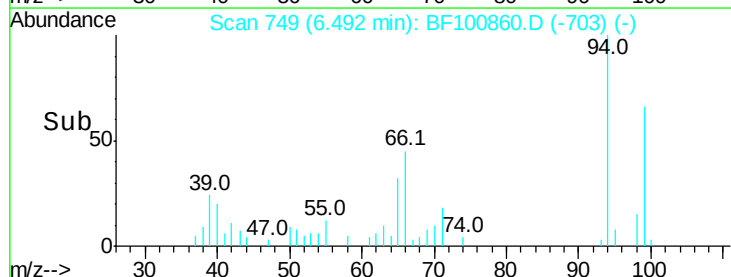
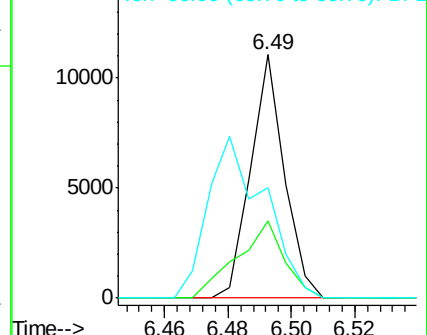
66 45.3 16.2 56.2

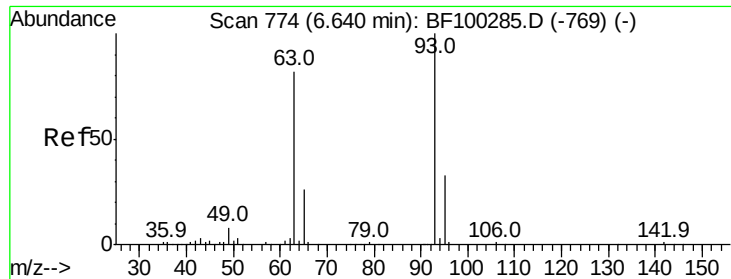


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.071 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampled :

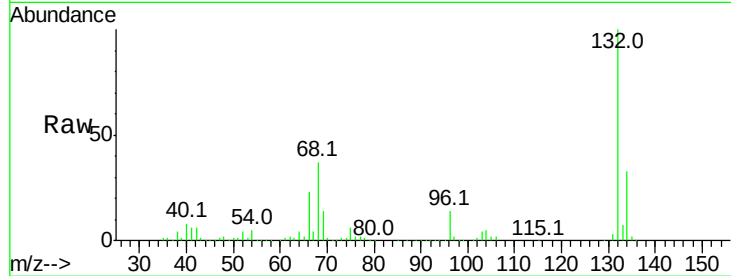
Tot Ion: 93 Resp: 373

Ion Ratio Lower Upper

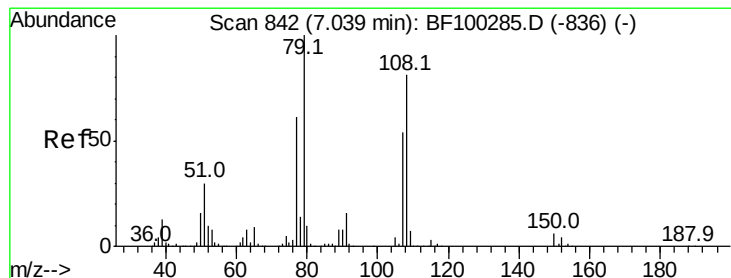
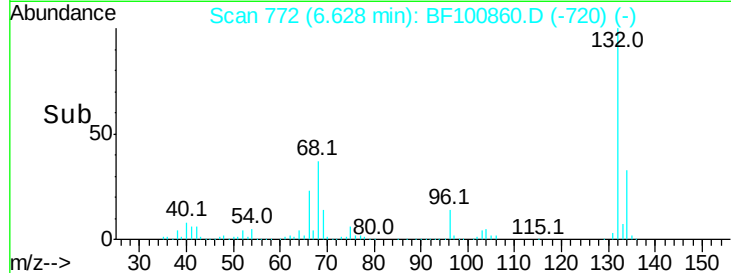
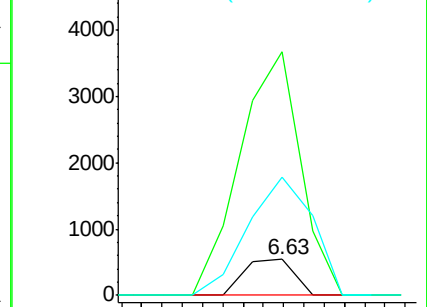
93 100

63 672.7 58.6 98.6#

95 326.4 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: 1.571 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

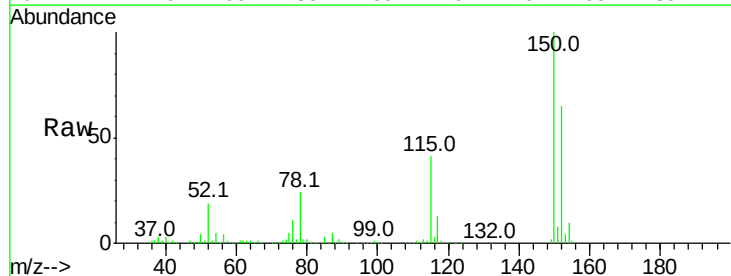
Tgt Ion: 79 Resp: 7320

Ion Ratio Lower Upper

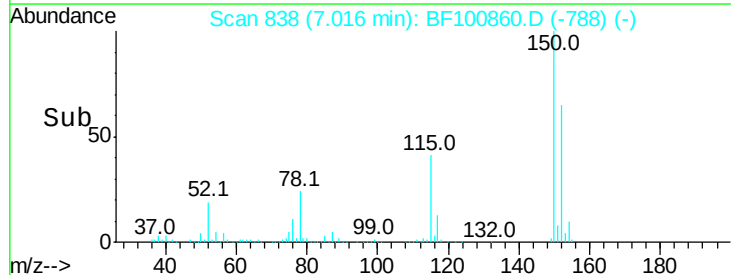
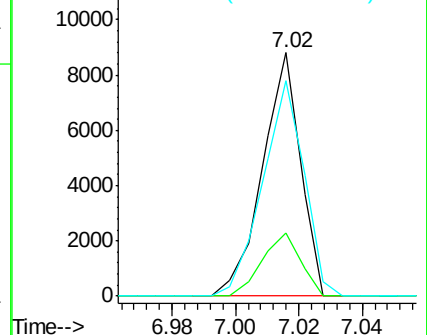
79 100

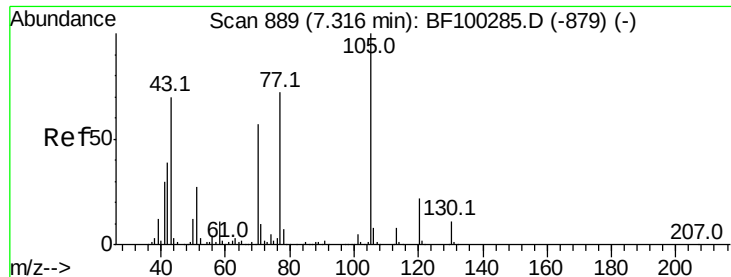
108 26.0 65.1 97.7#

77 88.5 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: 13.978 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.13 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 57881

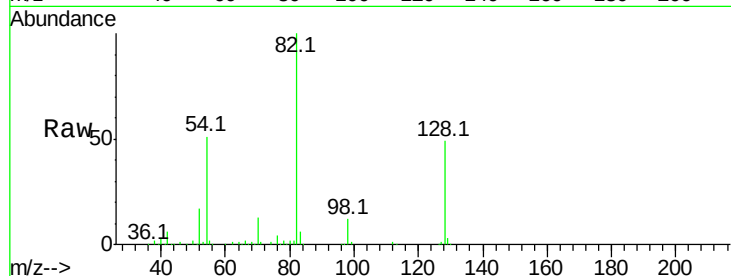
Ion Ratio Lower Upper

70 100

42 47.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

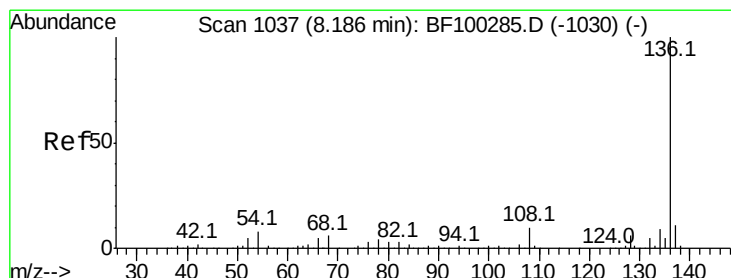
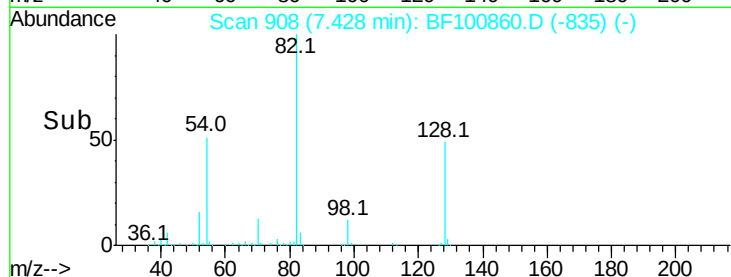
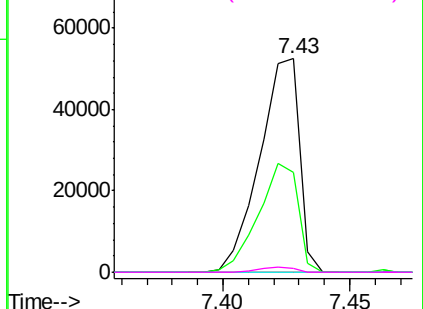


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100860.D

Acq: 23 Nov 2017 8:28

Tgt Ion:136 Resp: 294509

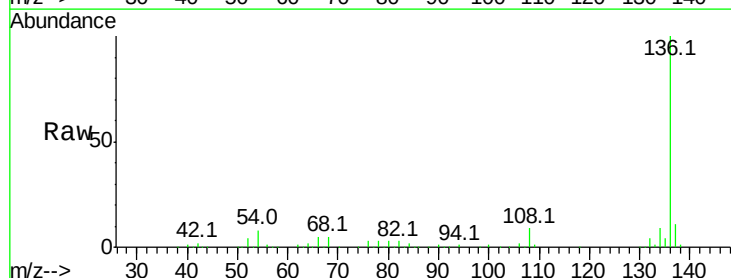
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.3 5.0 7.4

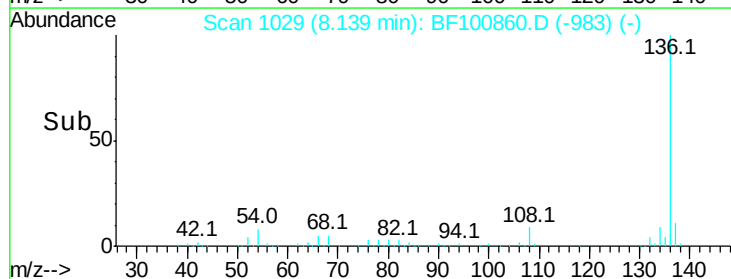
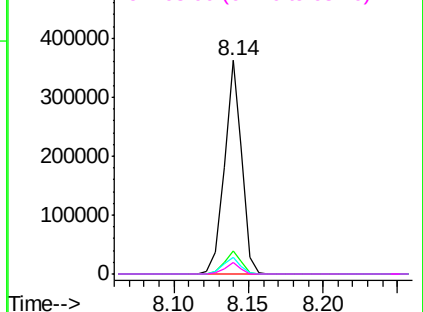


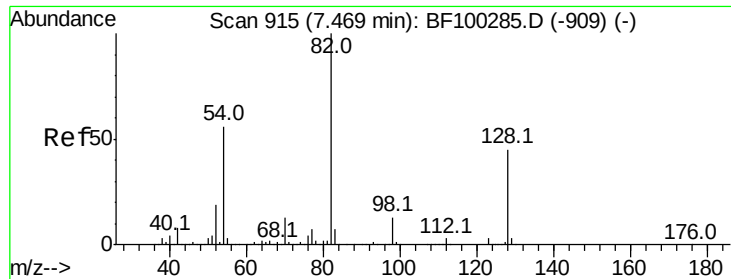
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

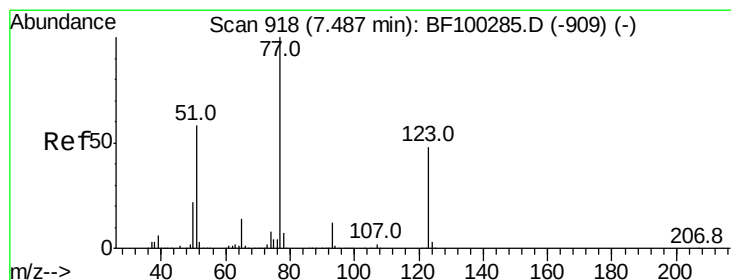
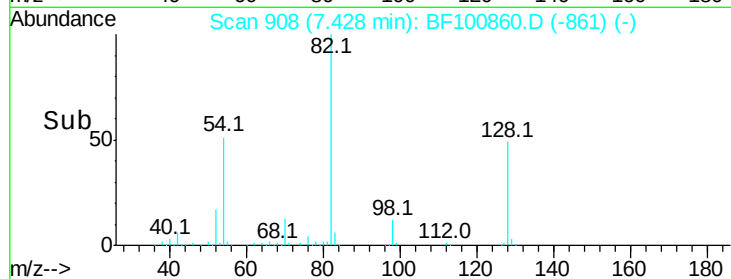
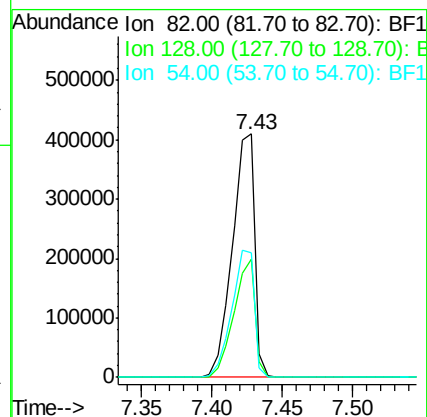
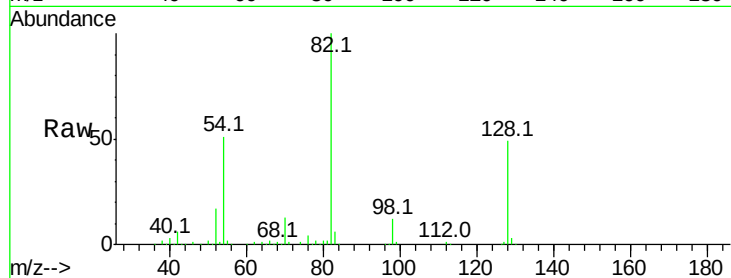




#23
Nitrobenzene-d5
Concen: 100.888 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

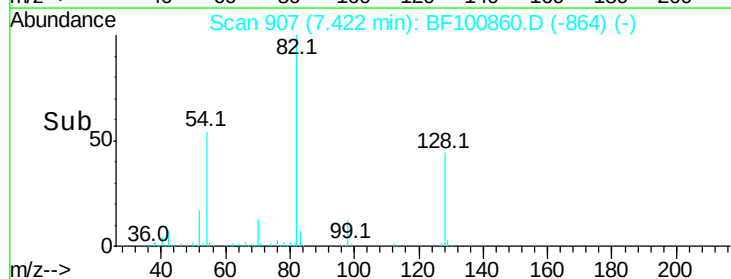
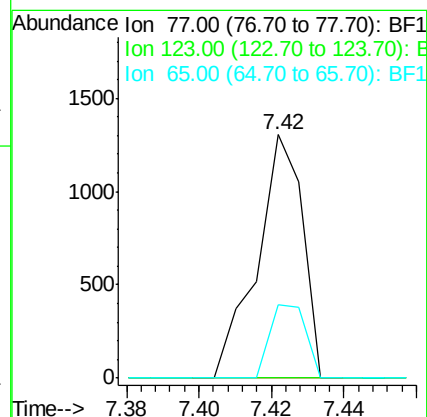
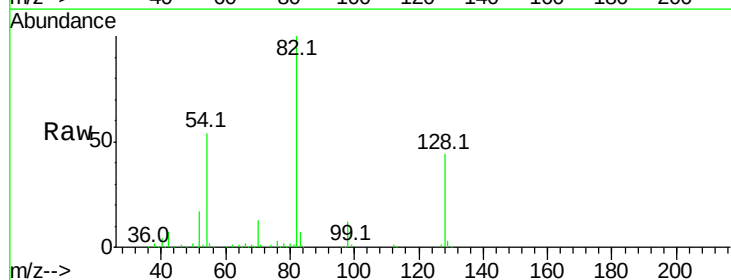
Instrument :
BNA_F
ClientSampled :

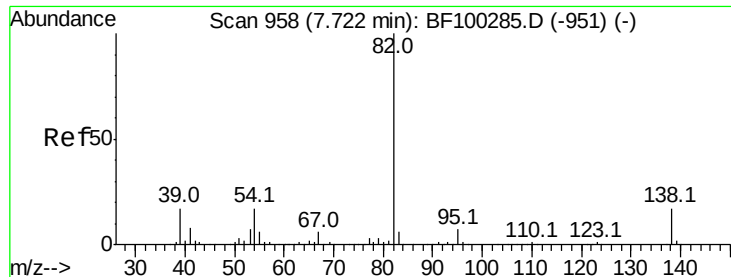
Tot Ion: 82 Resp: 449418
Ion Ratio Lower Upper
82 100
128 48.8 36.1 54.1
54 51.2 41.4 62.2



#24
Nitrobenzene
Concen: 0.250 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Tgt Ion: 77 Resp: 1146
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 30.3 11.0 16.4#





#25

Isophorone

Concen: 48.009 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampleId :

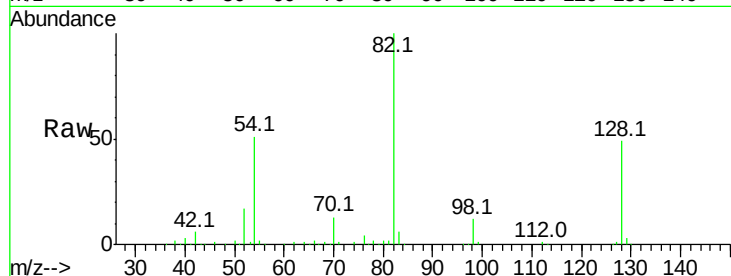
Tot Ion: 82 Resp: 449410

Ion Ratio Lower Upper

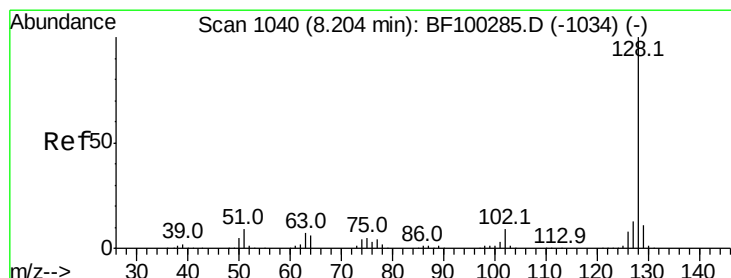
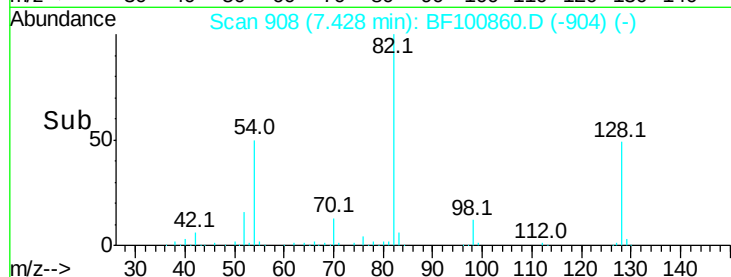
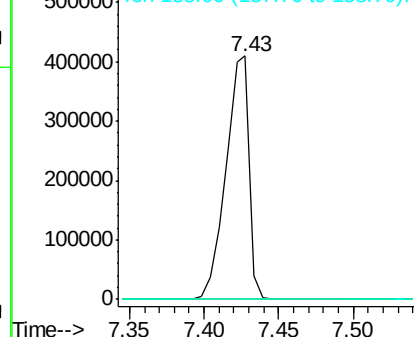
82 100

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



#31

Naphthalene

Concen: 0.008 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

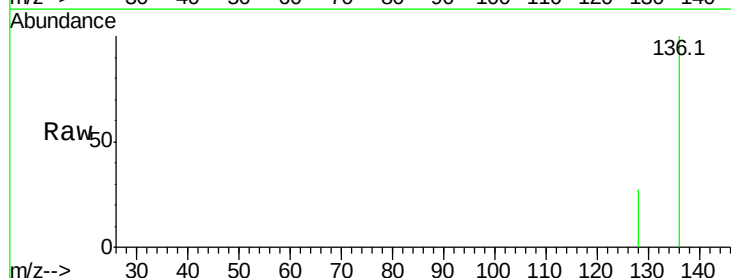
Tgt Ion: 128 Resp: 108

Ion Ratio Lower Upper

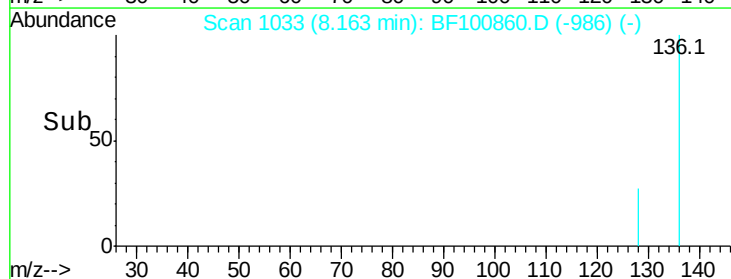
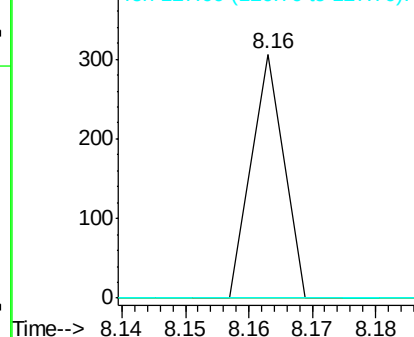
128 100

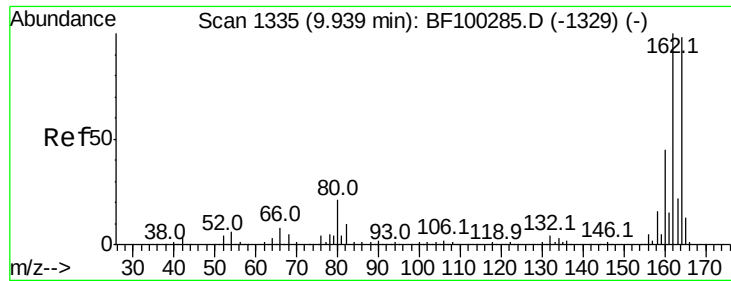
129 0.0 8.8 13.2#

127 0.0 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

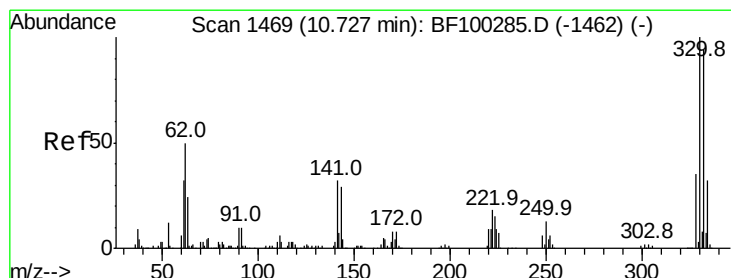
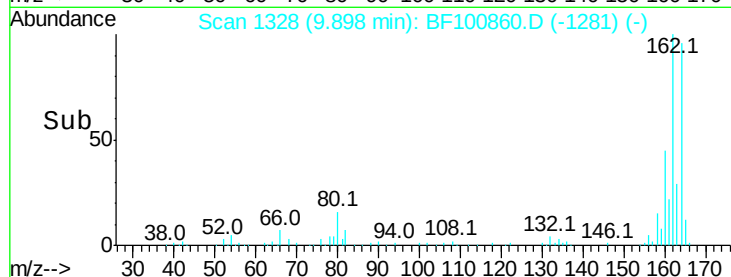
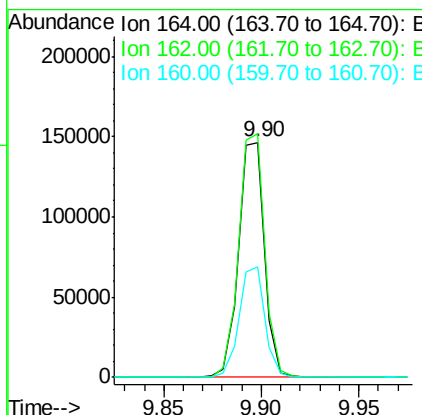
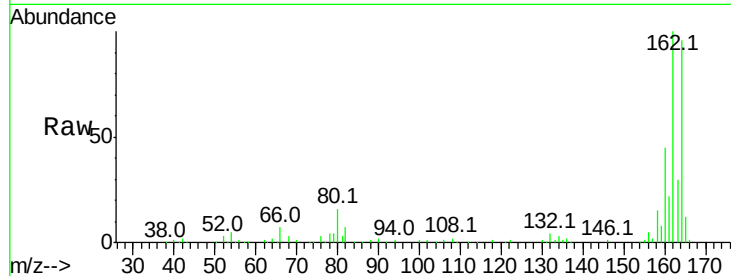




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

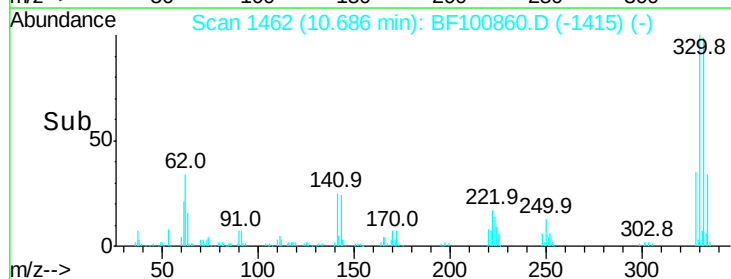
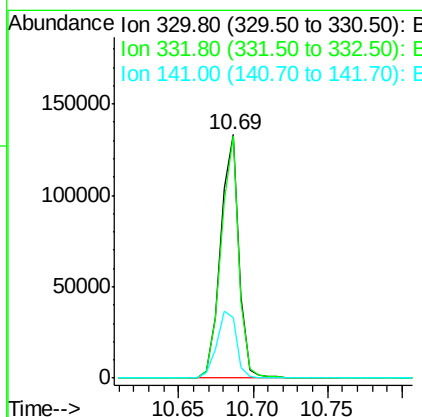
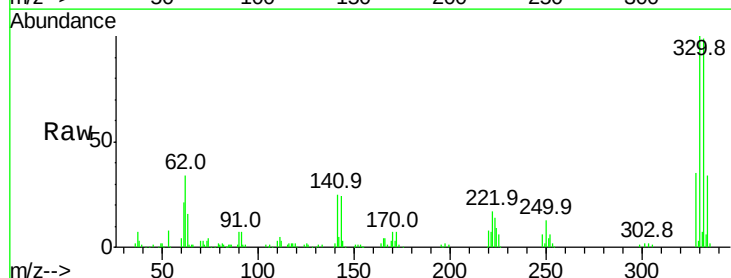
Instrument :
 BNA_F
 ClientSampleId :

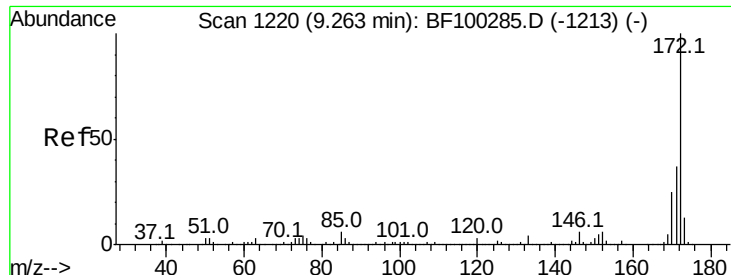
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 84.983 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.0	29.9	44.9#

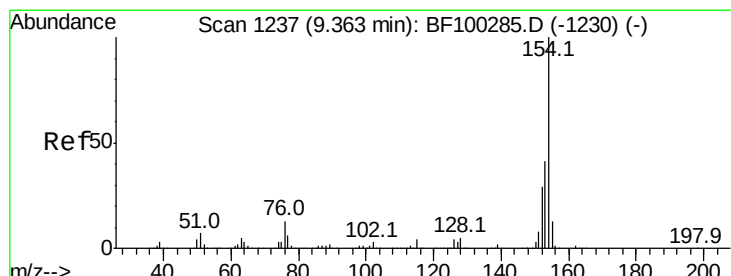
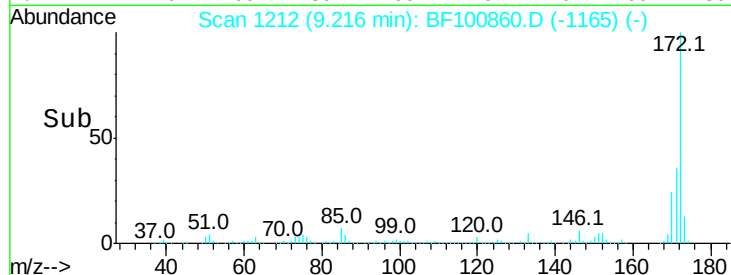
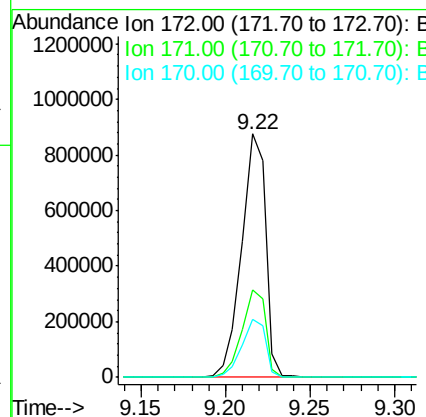
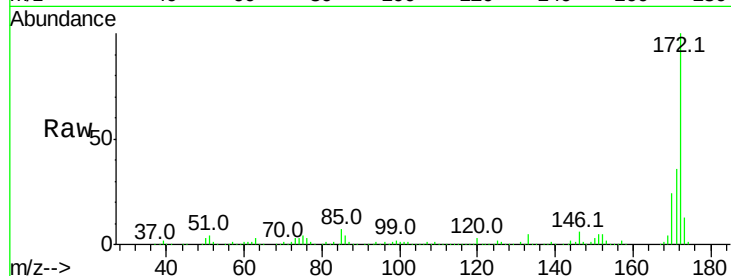




#44
 2-Fluorobiphenyl
 Concen: 98.645 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

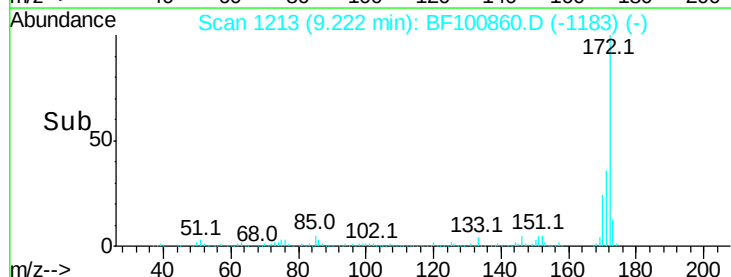
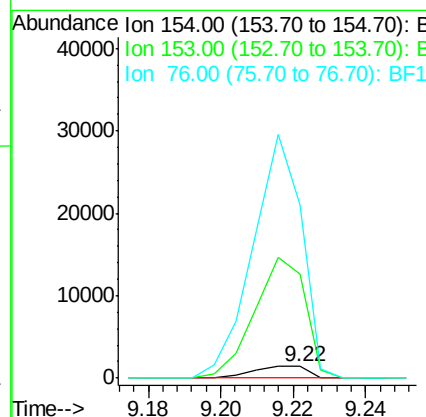
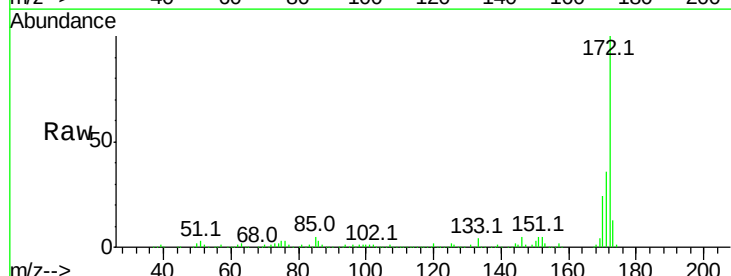
Instrument :
 BNA_F
 ClientSampleId :

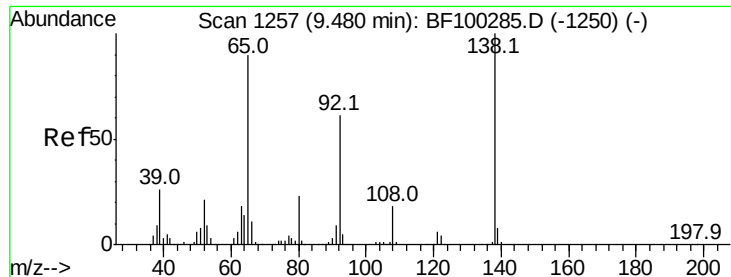
Tot Ion:172 Resp: 870038
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 0.125 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.12 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

Tgt Ion:154 Resp: 1457
 Ion Ratio Lower Upper
 154 100
 153 905.3 21.3 61.3#
 76 1504.1 0.0 34.0#

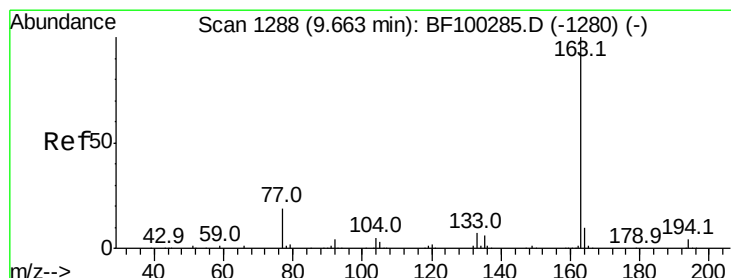
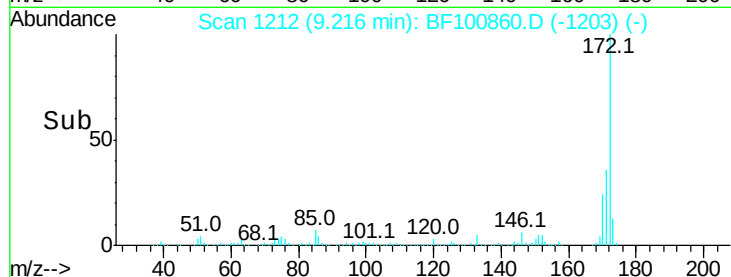
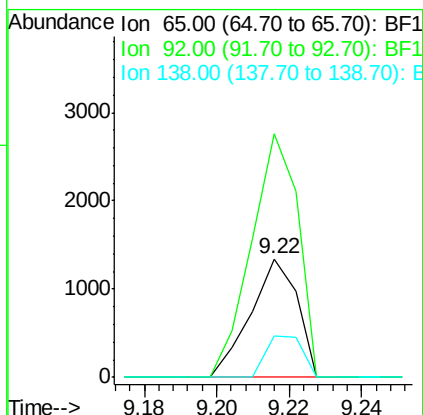
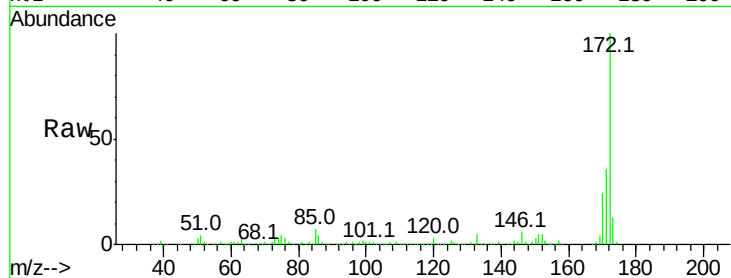




#47
2-Nitroaniline
Concen: 3.237 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.25 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

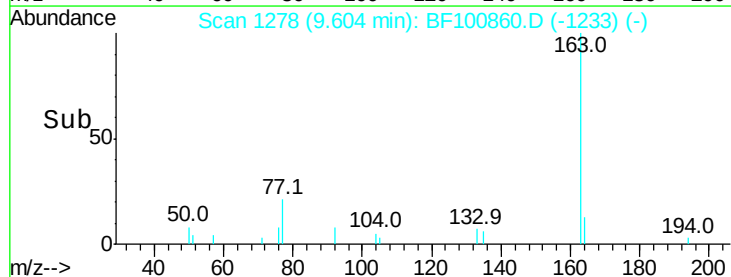
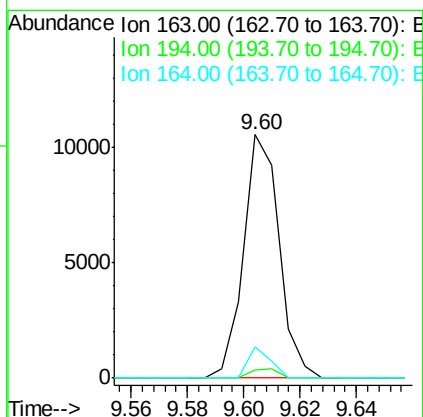
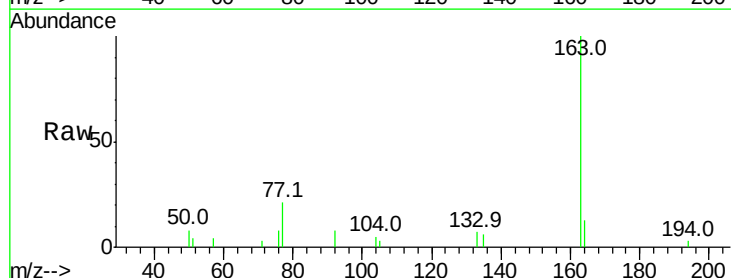
Instrument :
BNA_F
ClientSampleId :

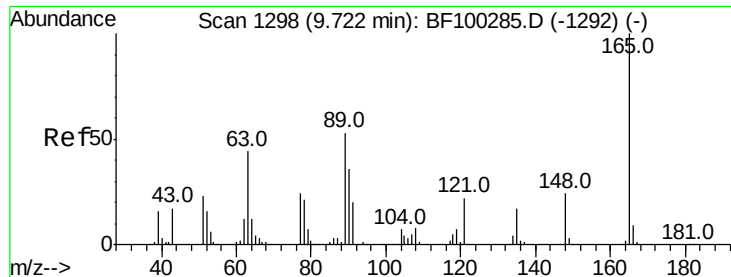
Tot Ion: 65 Resp: 1197
Ion Ratio Lower Upper
65 100
92 205.4 55.8 83.6#
138 34.9 91.2 136.8#



#49
Dimethylphthalate
Concen: 0.898 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Tgt Ion:163 Resp: 9212
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 12.6 8.2 12.2#

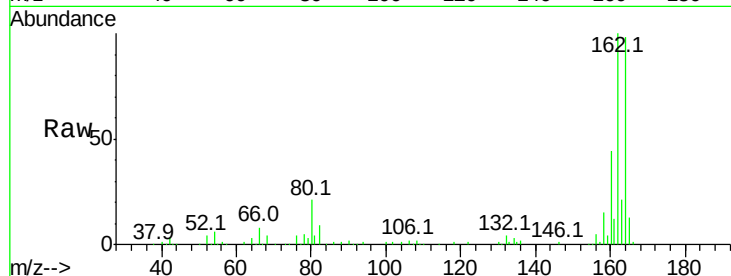




#50
2,6-Dinitrotoluene
Concen: 8.515 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.19 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Instrument :
BNA_F
ClientSampled :

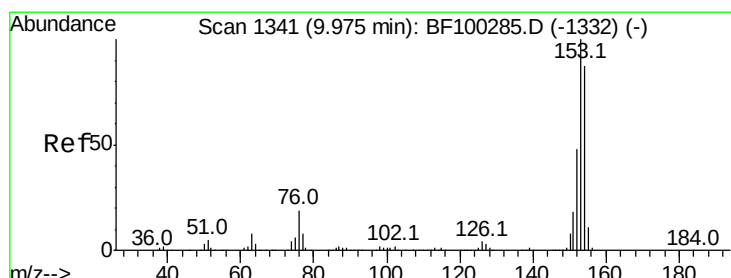
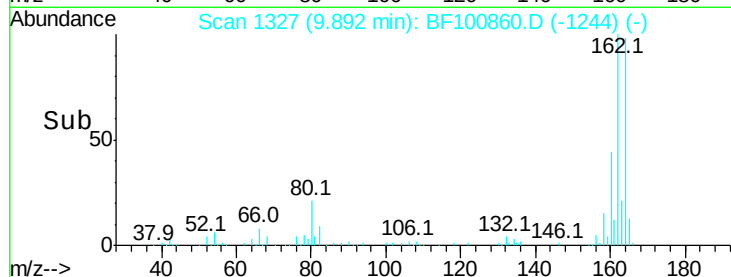
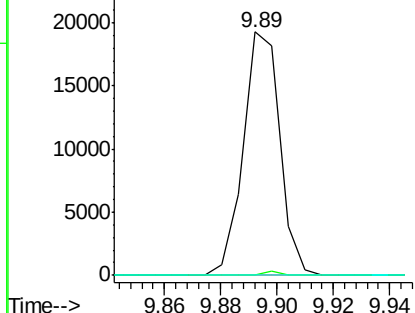
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

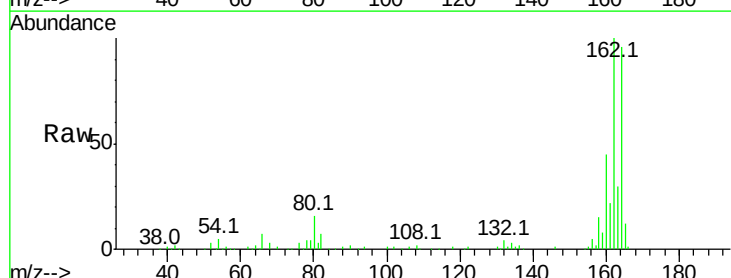
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
Acenaphthene
Concen: 0.048 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.06 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

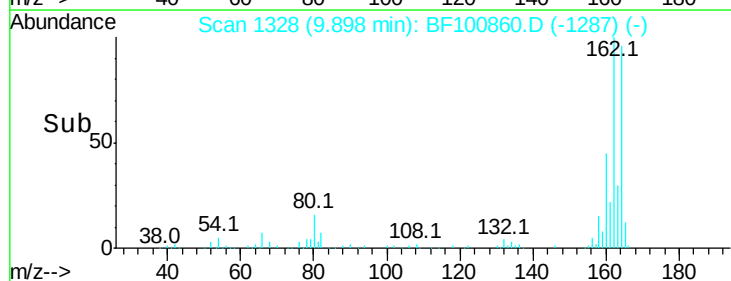
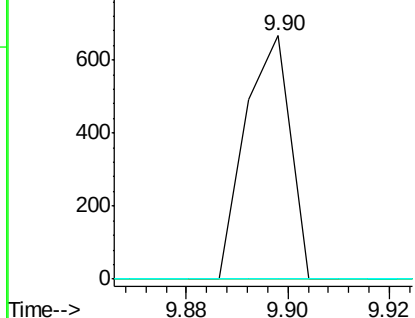
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#

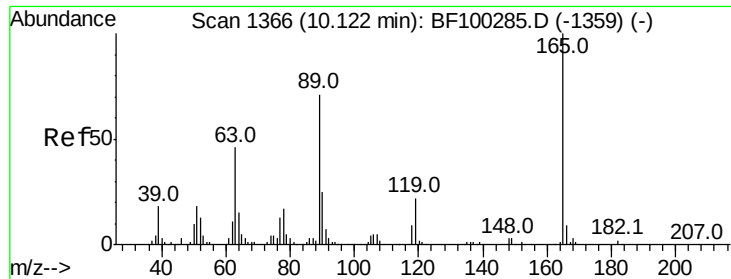


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

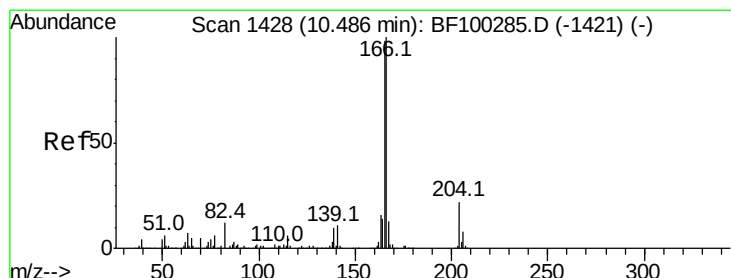
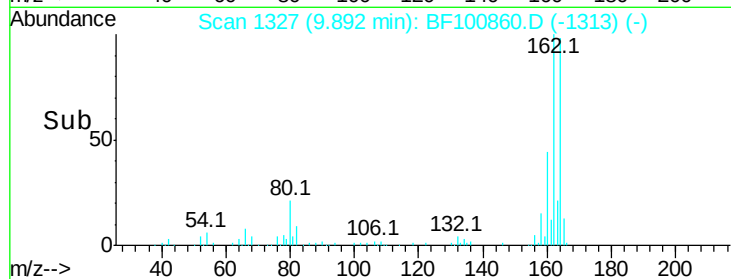
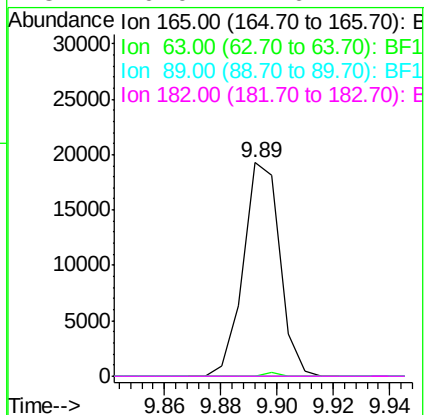
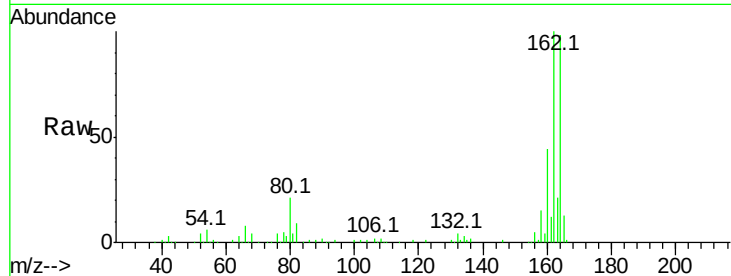




#56
 2,4-Dinitrotoluene
 Concen: 6.750 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.22 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

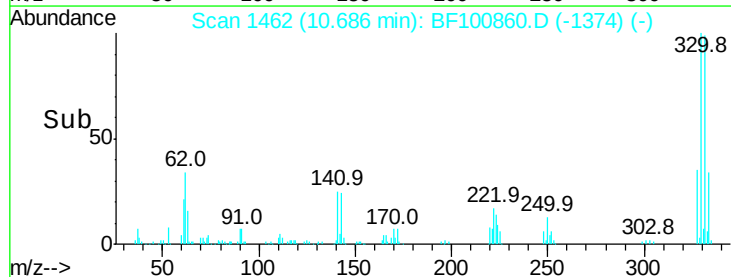
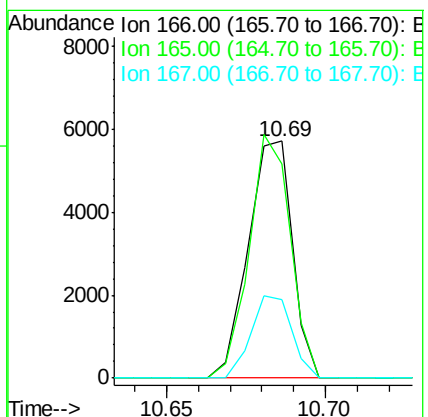
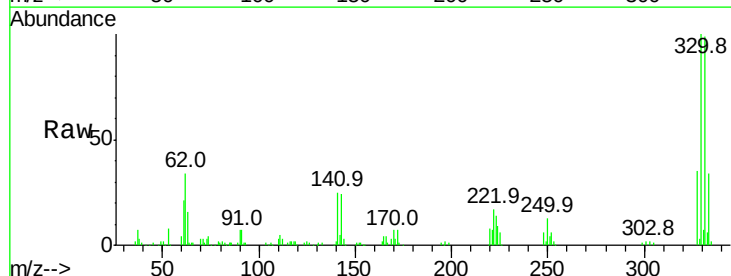
Instrument :
 BNA_F
 ClientSampled :

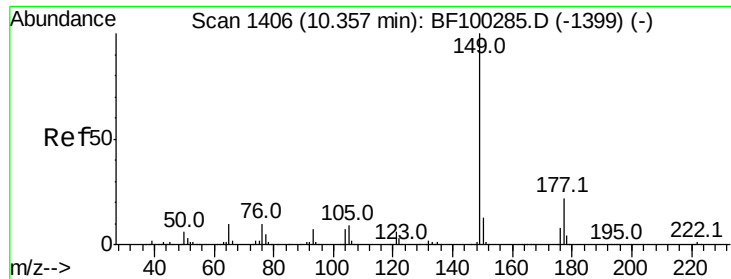
Tot Ion:	165	Resp:	17283
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
 Fluorene
 Concen: 0.634 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.22 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

Tgt Ion:	166	Resp:	5529
Ion	Ratio	Lower	Upper
166	100		
165	90.4	79.8	119.8
167	32.8	10.6	16.0#

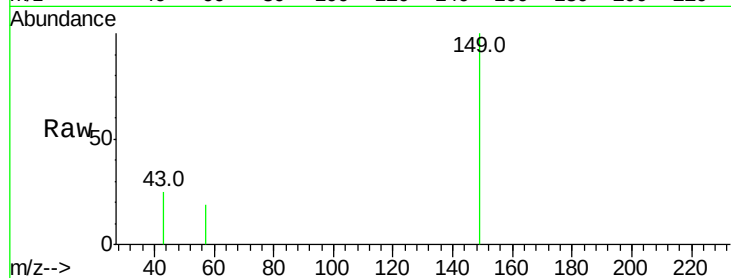




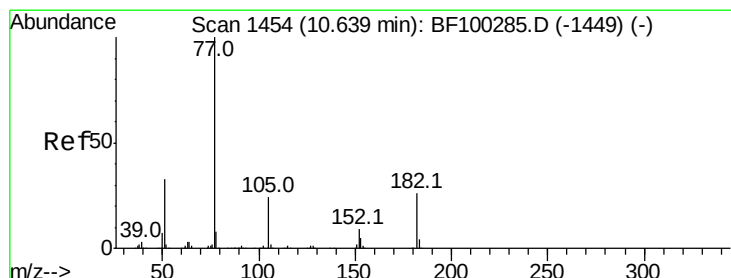
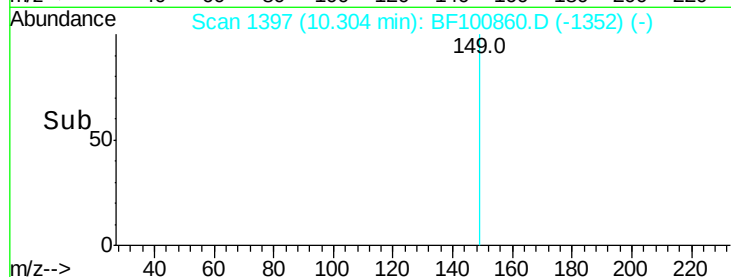
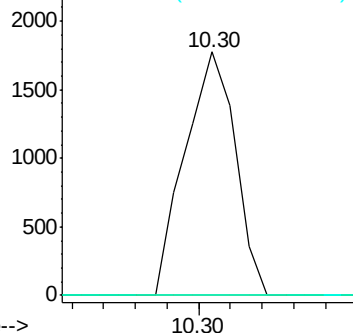
#59
Diethylphthalate
Concen: 0.190 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1948
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#

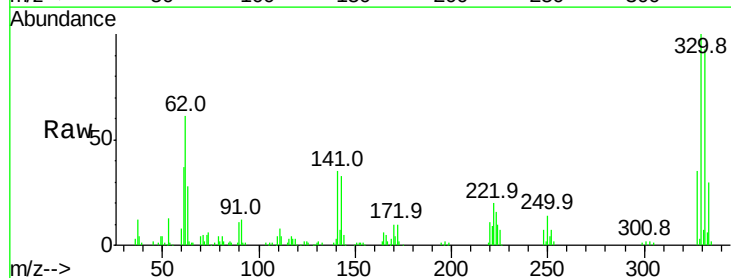


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

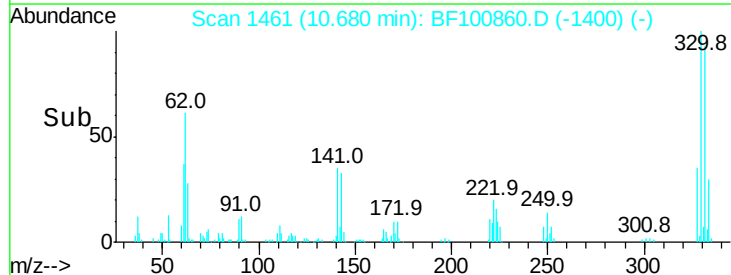
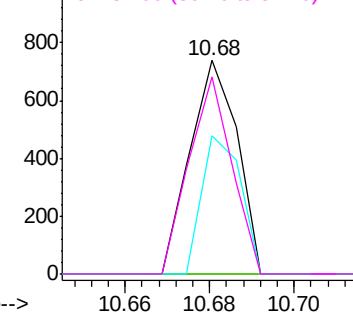


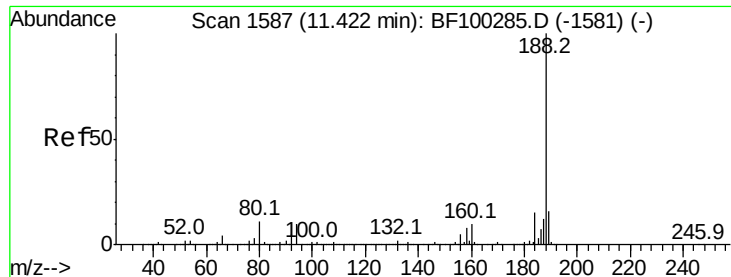
#62
Azobenzene
Concen: 0.059 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.06 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Tgt Ion: 77 Resp: 574
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 64.8 3.0 43.0#
51 92.4 9.9 49.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
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: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampleId :

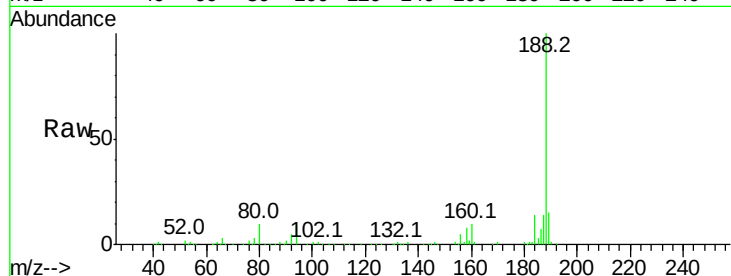
Tot Ion:188 Resp: 227097

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

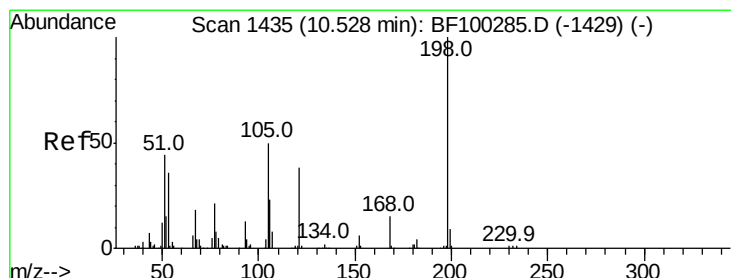
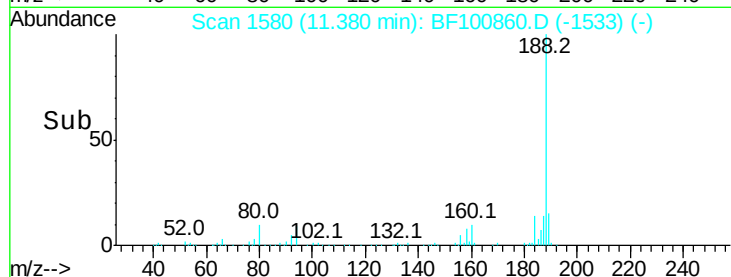
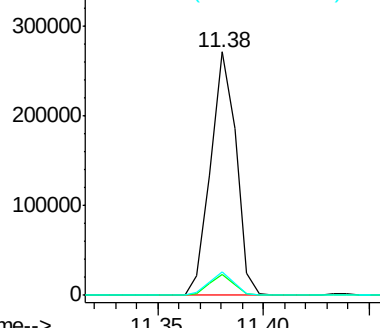
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 8.661 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.16 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

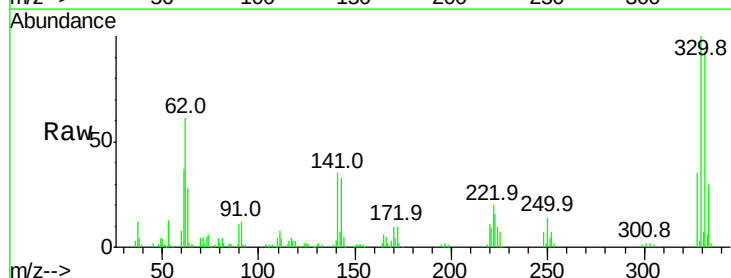
Tgt Ion:198 Resp: 127

Ion Ratio Lower Upper

198 100

51 190.3 37.7 77.7#

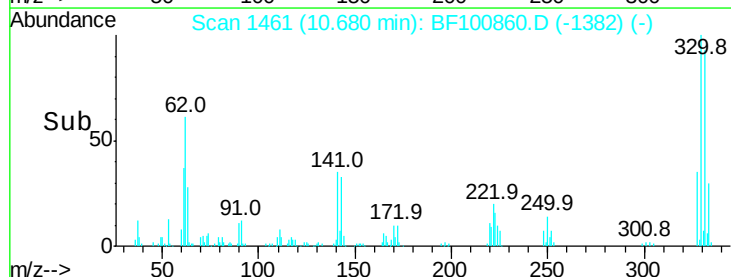
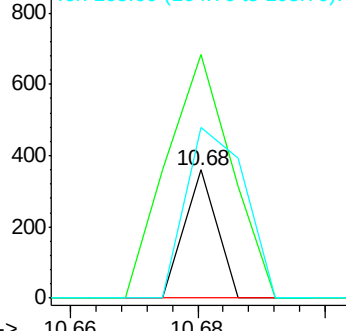
105 133.4 36.3 76.3#

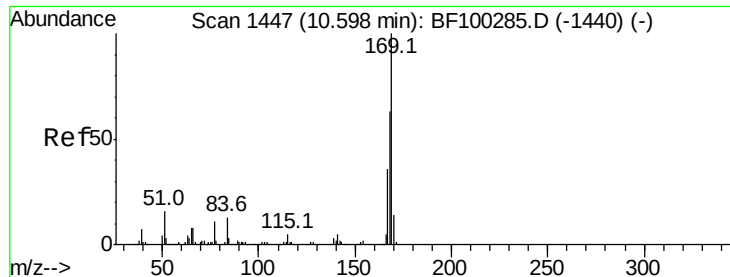


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

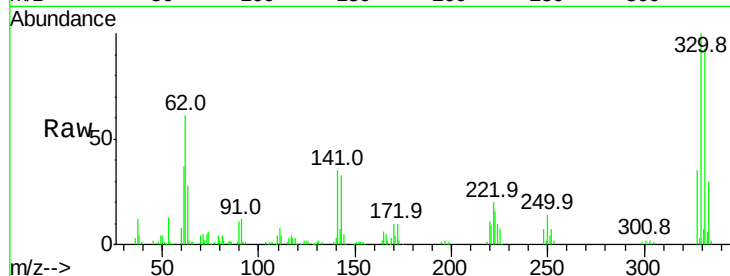




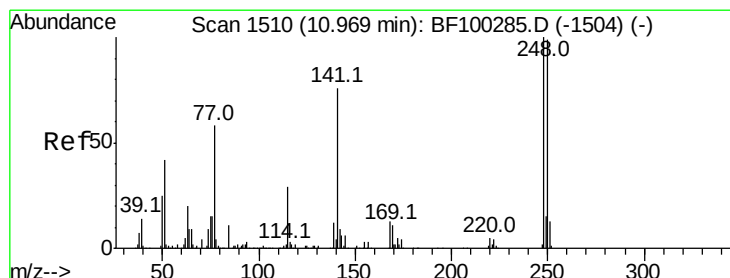
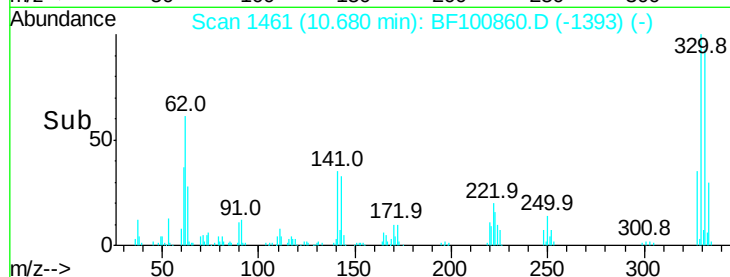
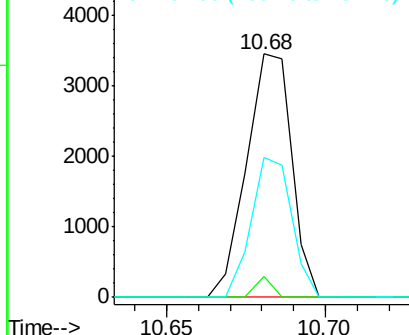
#65
 n-Nitrosodiphenylamine
 Concen: 0.433 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.10 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 3418
 Ion Ratio Lower Upper
 169 100
 168 8.7 54.4 81.6#
 167 57.7 29.8 44.6#

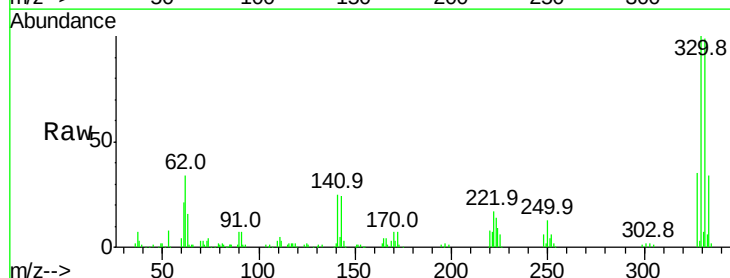


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

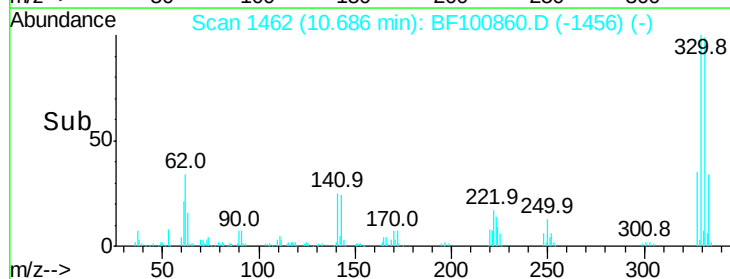
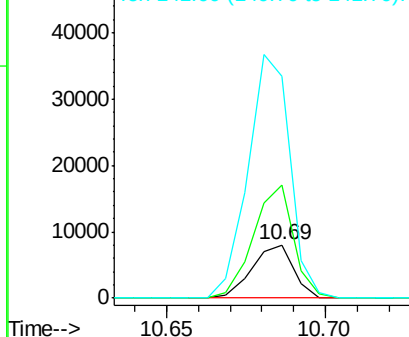


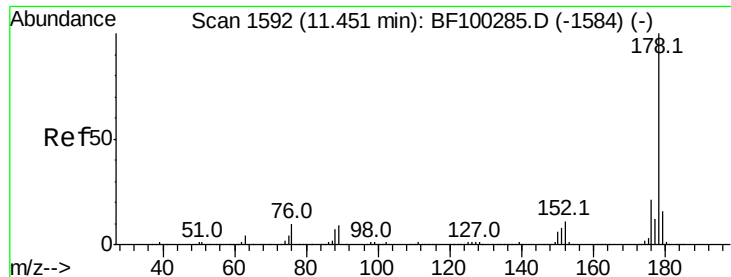
#66
 4-Bromophenyl-phenylether
 Concen: 3.007 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

Tgt Ion:248 Resp: 7320
 Ion Ratio Lower Upper
 248 100
 250 210.7 76.9 115.3#
 141 415.1 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.011 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampled :

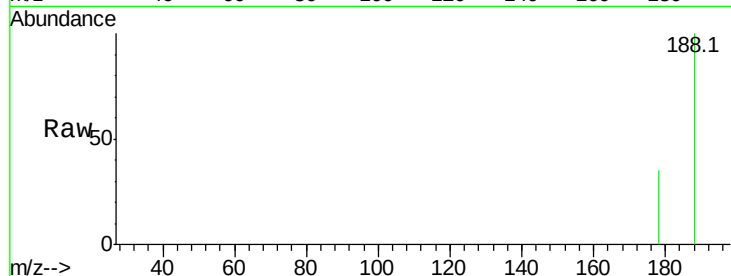
Tot Ion:178 Resp: 130

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

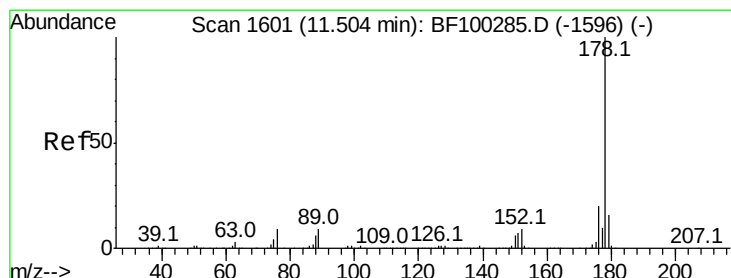
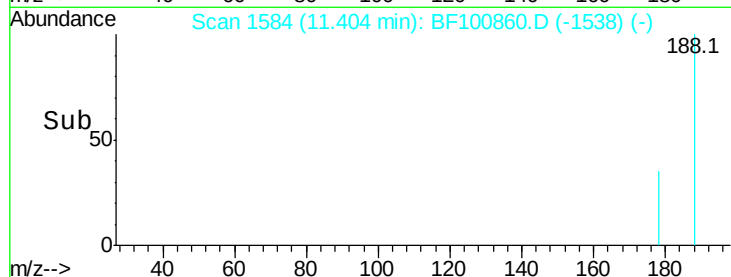
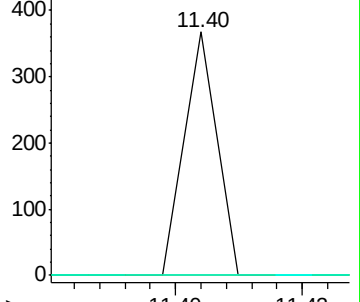
179 0.0 13.0 19.6#



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: BF100860.D

Acq: 23 Nov 2017 8:28

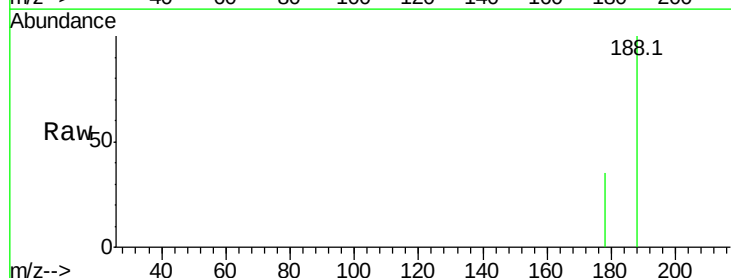
Tgt Ion:178 Resp: 130

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

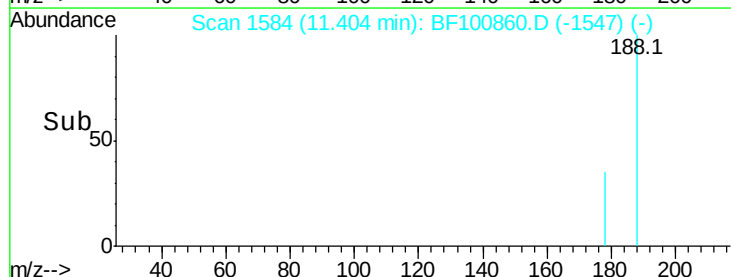
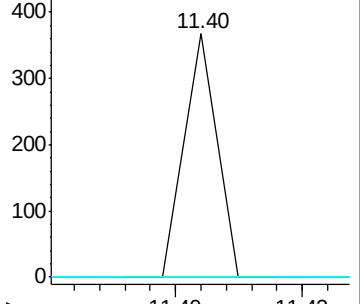
179 0.0 12.6 19.0#

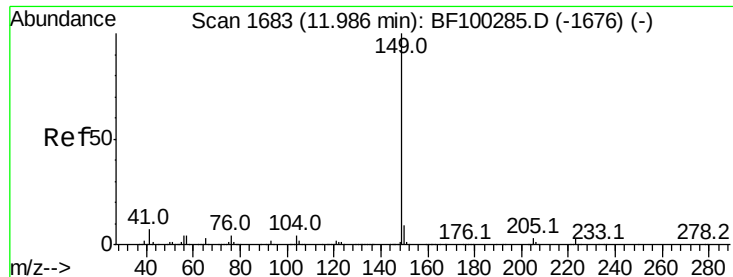


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.072 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampled :

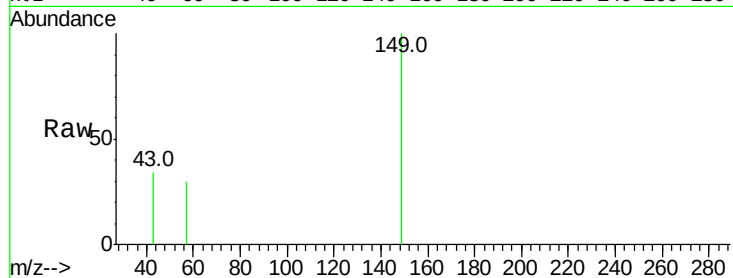
Tot Ion:149 Resp: 939

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

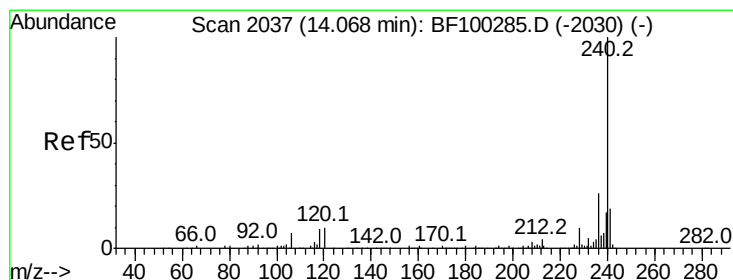
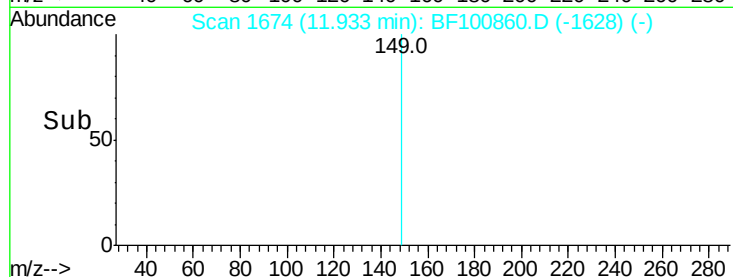
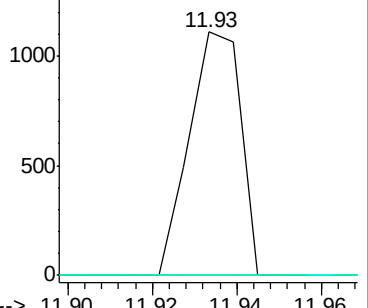
104 0.0 3.8 5.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

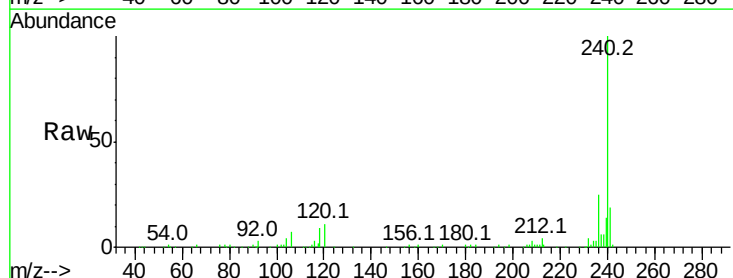
Tgt Ion:240 Resp: 148089

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

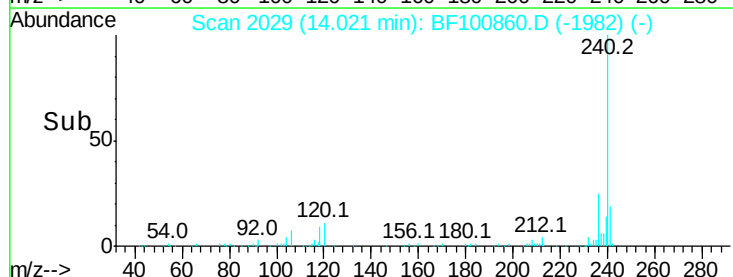
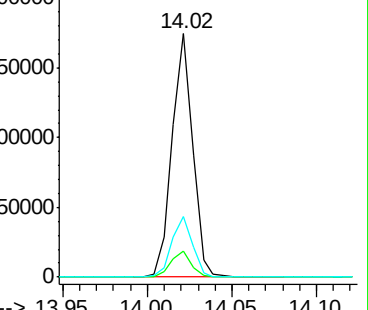
236 24.7 20.7 31.1

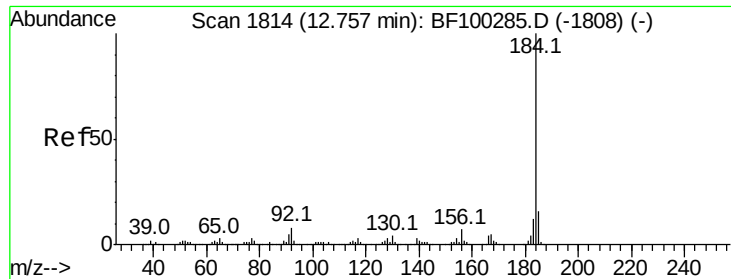


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.162 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampleId :

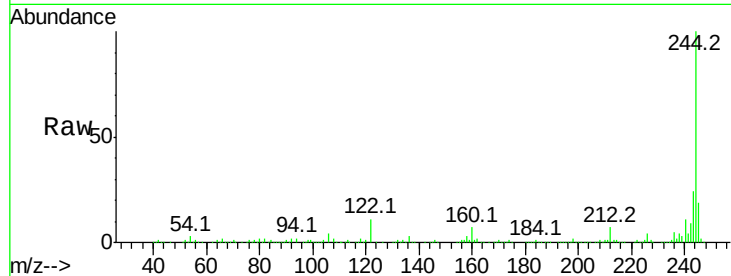
Tot Ion:184 Resp: 6892

Ion Ratio Lower Upper

184 100

185 19.7 12.6 18.8#

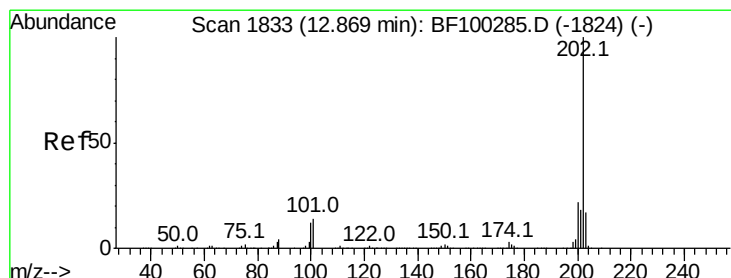
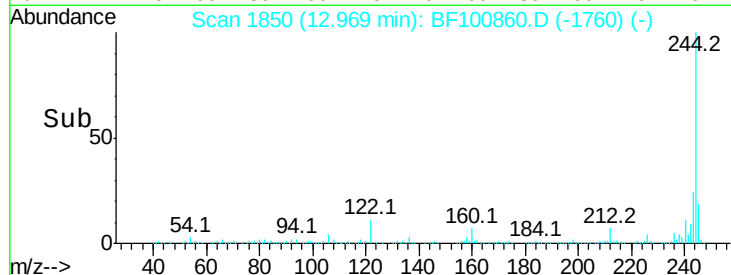
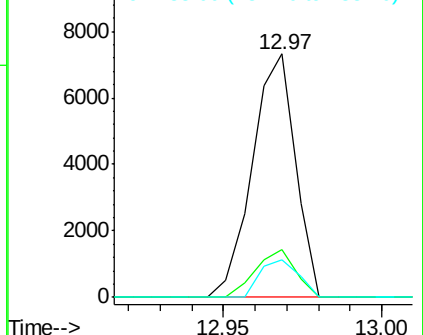
183 15.4 9.3 13.9#



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: 0.179 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.12 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

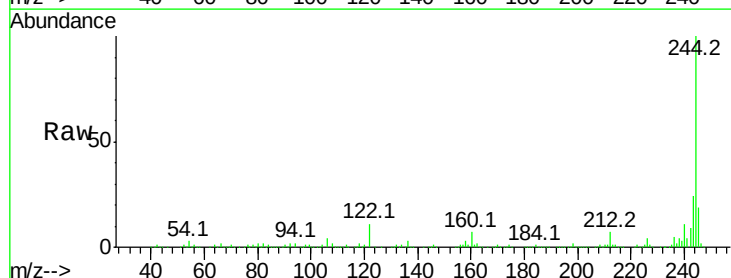
Tgt Ion:202 Resp: 1889

Ion Ratio Lower Upper

202 100

200 46.5 17.4 26.2#

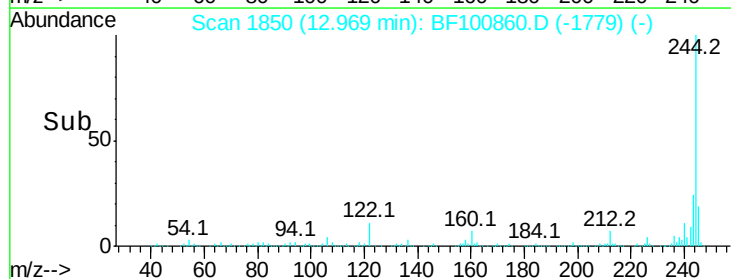
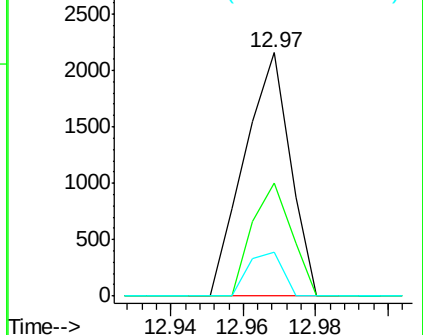
203 18.2 14.3 21.5

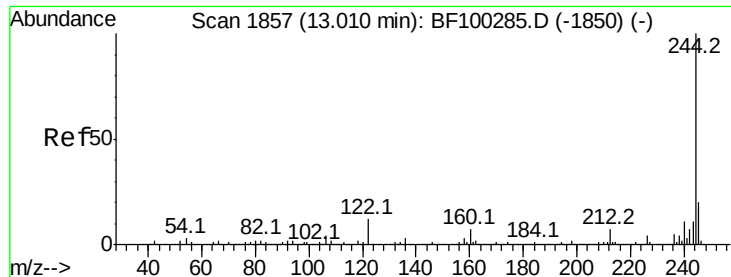


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

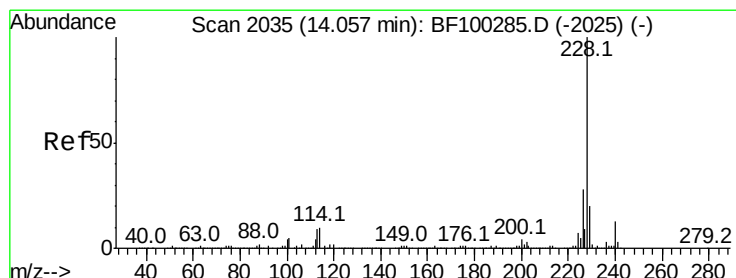
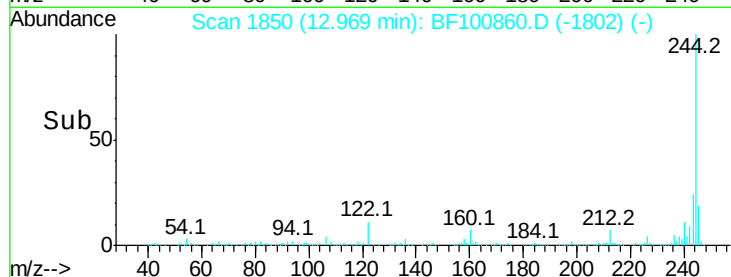
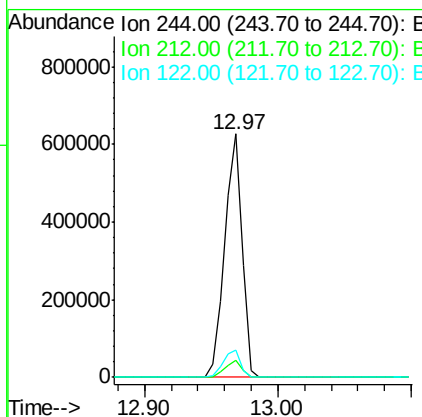
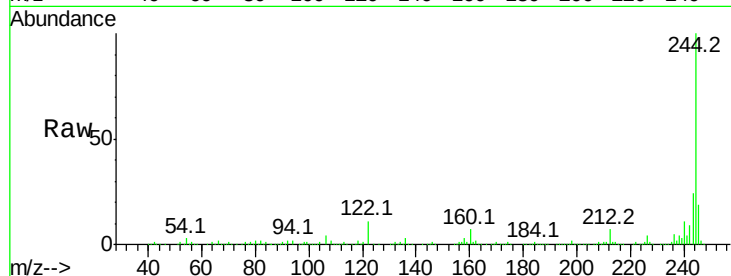




#78
 Terphenyl-d14
 Concen: 89.576 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

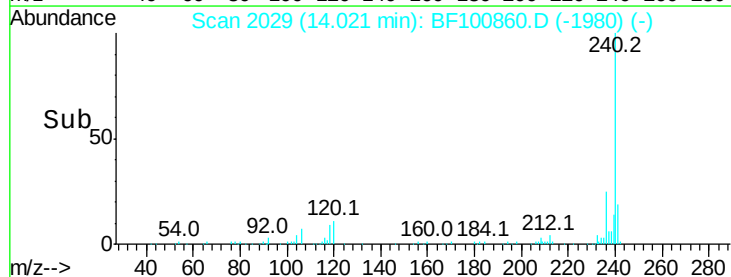
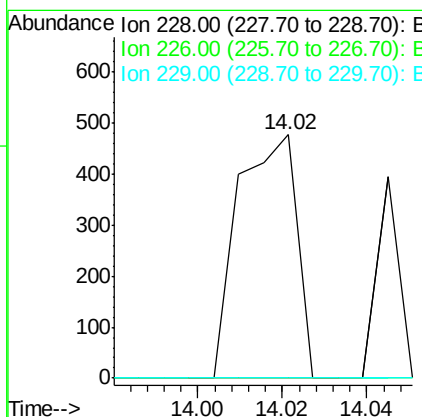
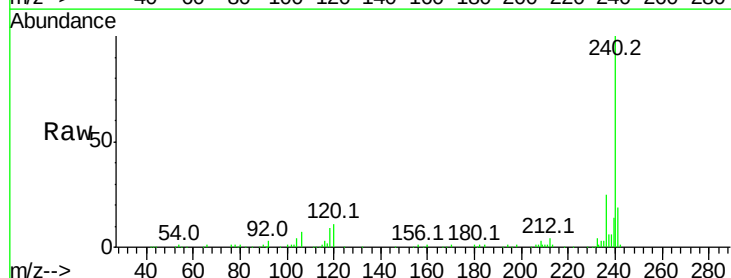
Instrument :
 BNA_F
 ClientSampleId :

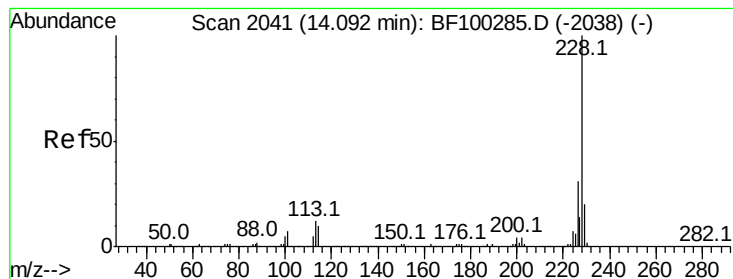
Tot Ion:244 Resp: 577321
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.3 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 0.051 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

Tgt Ion:228 Resp: 458
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.6 33.8#
 229 0.0 15.8 23.6#





#82

Chrysene

Concen: 0.016 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

Instrument :

BNA_F

ClientSampled :

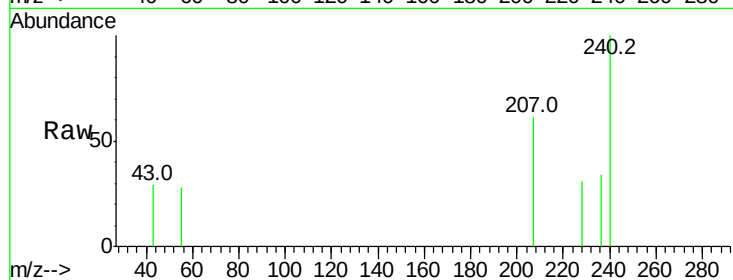
Tot Ion:228 Resp: 139

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

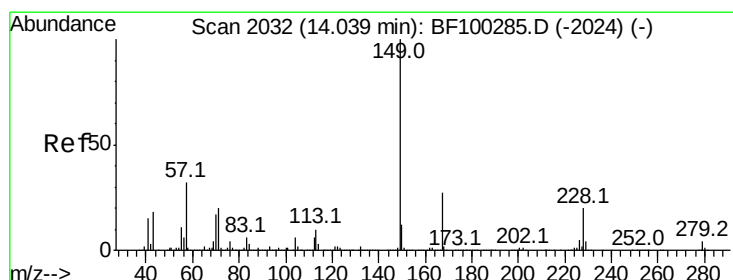
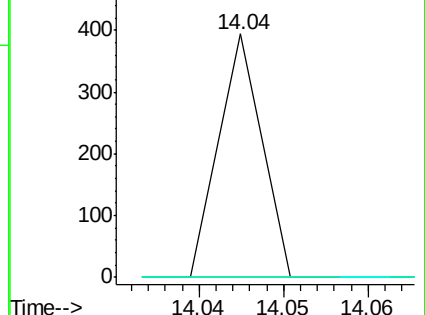
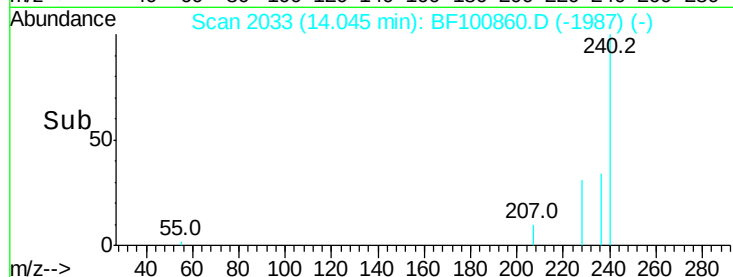
229 0.0 16.2 24.4#



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: 0.115 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100860.D

Acq: 23 Nov 2017 8:28

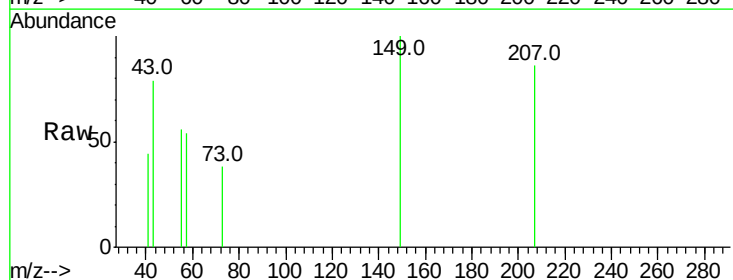
Tgt Ion:149 Resp: 650

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

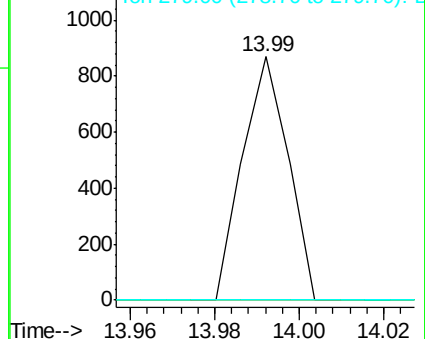
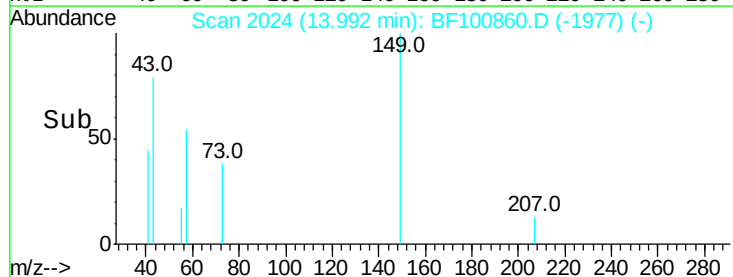
279 0.0 3.0 4.4#

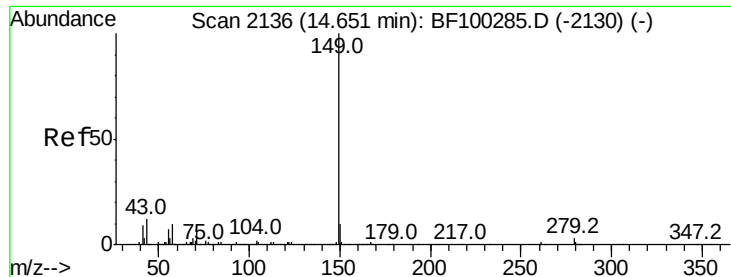


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

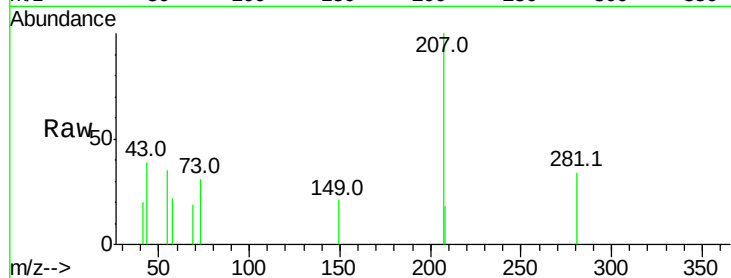




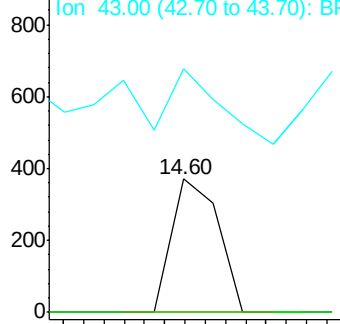
#84
Di-n-octyl phthalate
Concen: 0.024 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Instrument :
BNA_F
ClientSampleId :

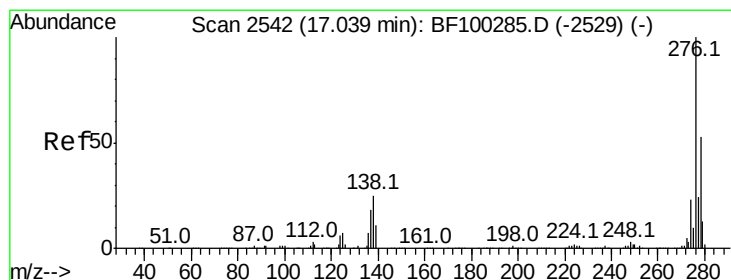
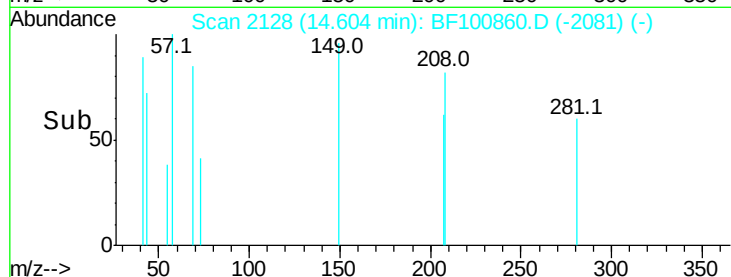
Tot Ion:149 Resp: 238
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.4 12.6#



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

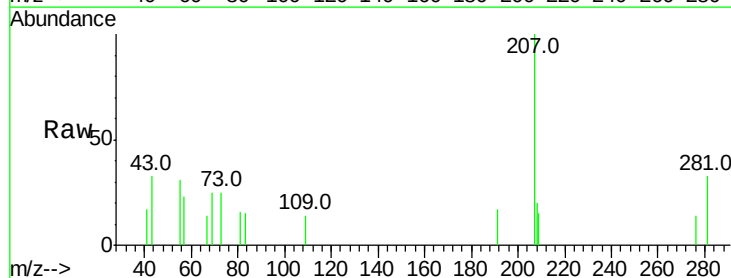


Time-->

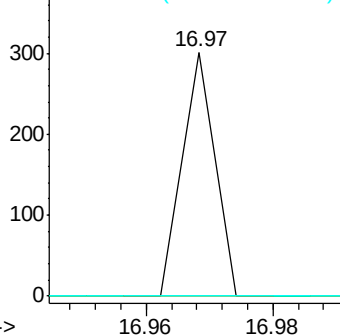


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.015 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

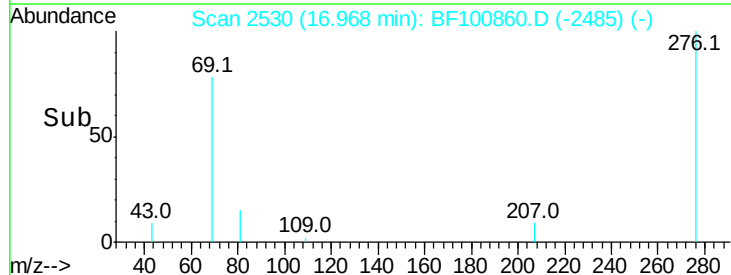
Tgt Ion:276 Resp: 106
Ion Ratio Lower Upper
276 100
138 0.0 25.0 37.6#
277 0.0 20.1 30.1#

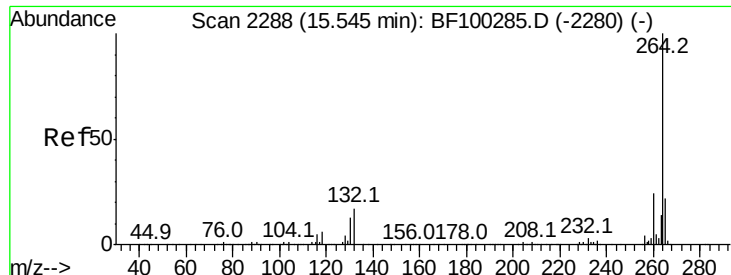


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



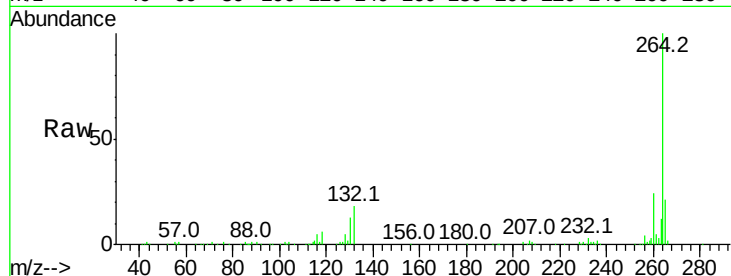


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

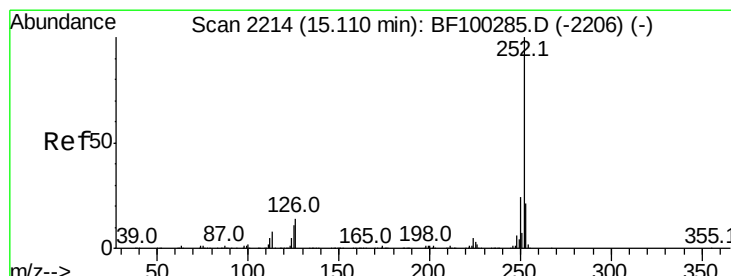
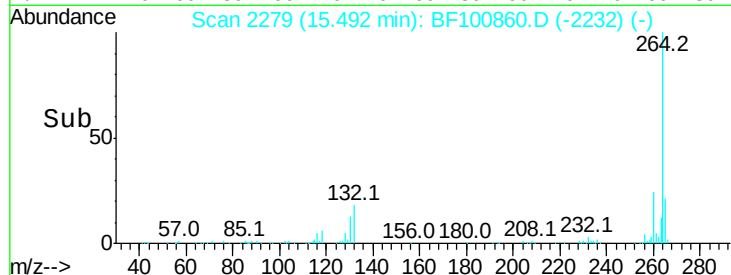
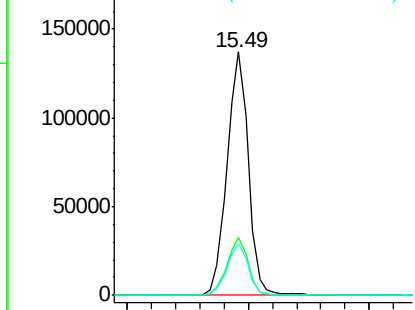
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 168589

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3



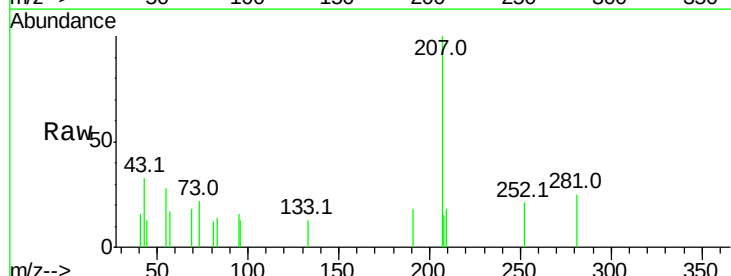
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



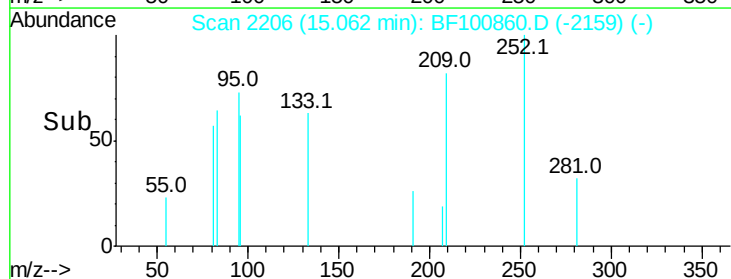
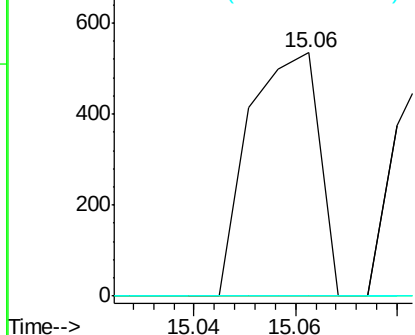
#87
Benzo(b)fluoranthene
Concen: 0.051 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

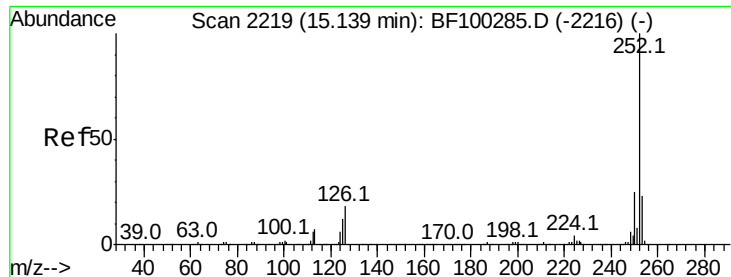
Tgt Ion:252 Resp: 511

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

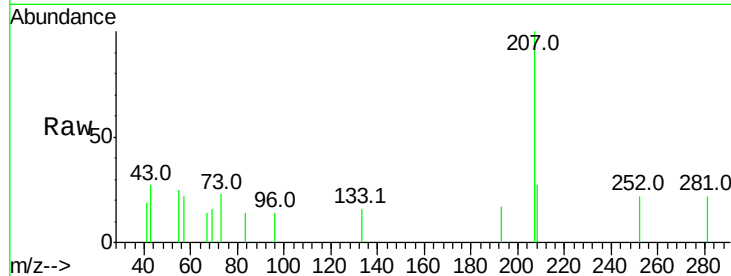




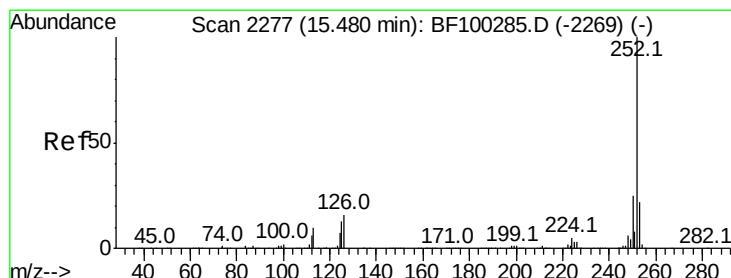
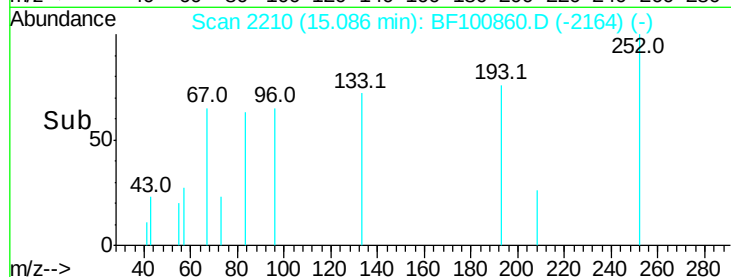
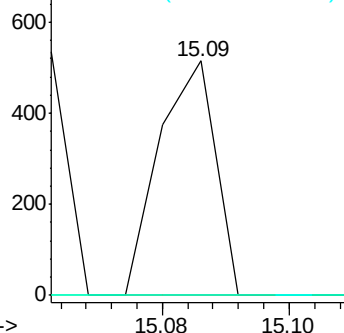
#88
Benzo(k)fluoranthene
Concen: 0.033 ng
RT: 15.09 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 314
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#

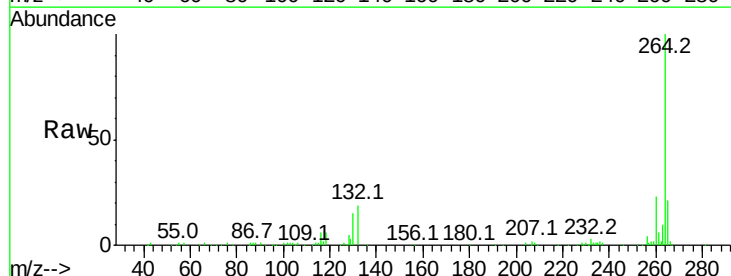


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

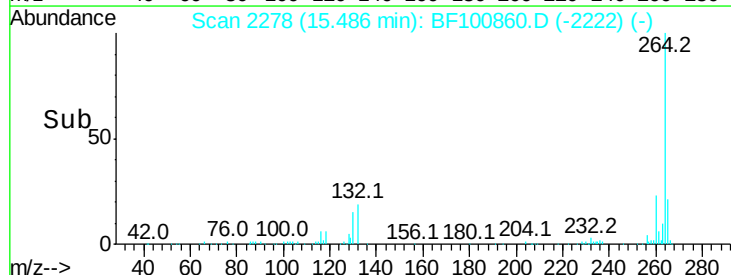
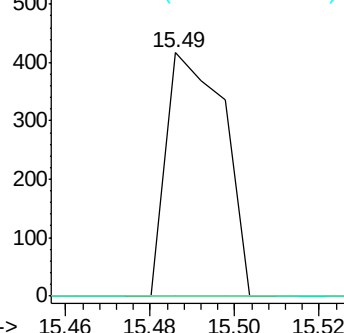


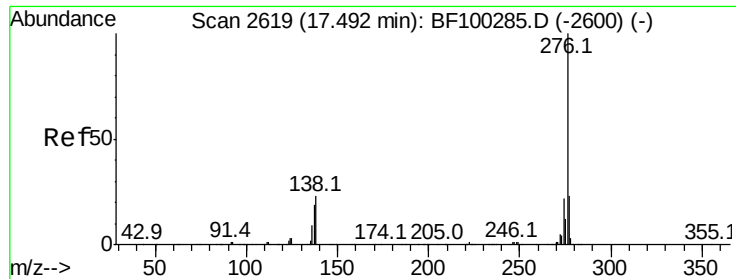
#89
Benzo(a)pyrene
Concen: 0.045 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF100860.D
Acq: 23 Nov 2017 8:28

Tgt Ion:252 Resp: 396
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





#91
 Benzo(a,h,i)perylene
 Concen: 0.021 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. -0.05 min
 Lab File: BF100860.D
 Acq: 23 Nov 2017 8:28

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#

