

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100878.D
 Acq On : 23 Nov 2017 16:24
 Operator : SJ/JU
 Sample : I6565-01DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:57:29 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	78499	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	297353	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	135139	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	221392	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	142585	20.00	ng	-0.02
86) Perylene-d12	15.49	264	158666	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	87289	17.82	ng	-0.03
7) Phenol-d6	6.47	99	112181	18.58	ng	-0.04
23) Nitrobenzene-d5	7.42	82	63084	14.03	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	27208	19.76	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	151985	17.13	ng	-0.03
78) Terphenyl-d14	12.96	244	94638	15.25	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.52	93	114	0.013	ng	# 42
9) Benzaldehyde	6.62	77	1842	0.427	ng	# 79
10) Phenol	6.49	94	4755	0.750	ng	# 93
11) bis(2-Chloroethyl)ether	6.52	93	114	0.021	ng	# 19
15) Benzyl Alcohol	7.01	79	1111	0.236	ng	# 51
19) n-Nitroso-di-n-propylamine	7.42	70	8030	1.917	ng	# 87
25) Isophorone	7.42	82	63082	6.674	ng	# 64
31) Naphthalene	8.16	128	944	0.066	ng	# 68
37) 2-Methylnaphthalene	8.85	142	465	0.049	ng	# 73
45) 1,1'-Biphenyl	9.31	154	439	0.038	ng	# 42
48) Acenaphthylene	9.76	152	2932	0.209	ng	# 95
49) Dimethylphthalate	9.60	163	6759	0.655	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	17456	8.547	ng	# 25
51) Acenaphthene	9.93	154	895	0.105	ng	# 93
54) Dibenzofuran	10.10	168	698	0.058	ng	# 81
55) 4-Nitrophenol	10.10	139	290	0.148	ng	# 44
56) 2,4-Dinitrotoluene	9.89	165	17456	6.775	ng	# 22
57) Fluorene	10.44	166	1192	0.136	ng	# 95
59) Diethylphthalate	10.30	149	619	0.060	ng	# 61
62) Azobenzene	10.62	77	233	0.024	ng	# 19
65) n-Nitrosodiphenylamine	10.55	169	1008	0.131	ng	# 24
66) 4-Bromophenyl-phenylether	10.68	248	1565	0.659	ng	# 1
68) Atrazine	11.07	200	121	0.052	ng	# 37
70) Phenanthrene	11.40	178	32411	2.780	ng	# 95
71) Anthracene	11.46	178	8273	0.700	ng	# 98
72) Carbazole	11.61	167	1402	0.128	ng	# 60
73) Di-n-butylphthalate	11.93	149	1445	0.113	ng	# 77
74) Fluoranthene	12.59	202	76654	6.205	ng	# 92
76) Benzdine	12.96	184	1100	0.193	ng	# 75
77) Pyrene	12.82	202	65516	6.446	ng	# 99
79) Butylbenzylphthalate	13.43	149	1010	0.244	ng	# 89
80) Benzo(a)anthracene	14.01	228	37104	4.321	ng	# 97
81) 3,3'-Dichlorobenzidine	14.06	252	266	0.086	ng	# 1
82) Chrysene	14.04	228	31503	3.789	ng	# 97

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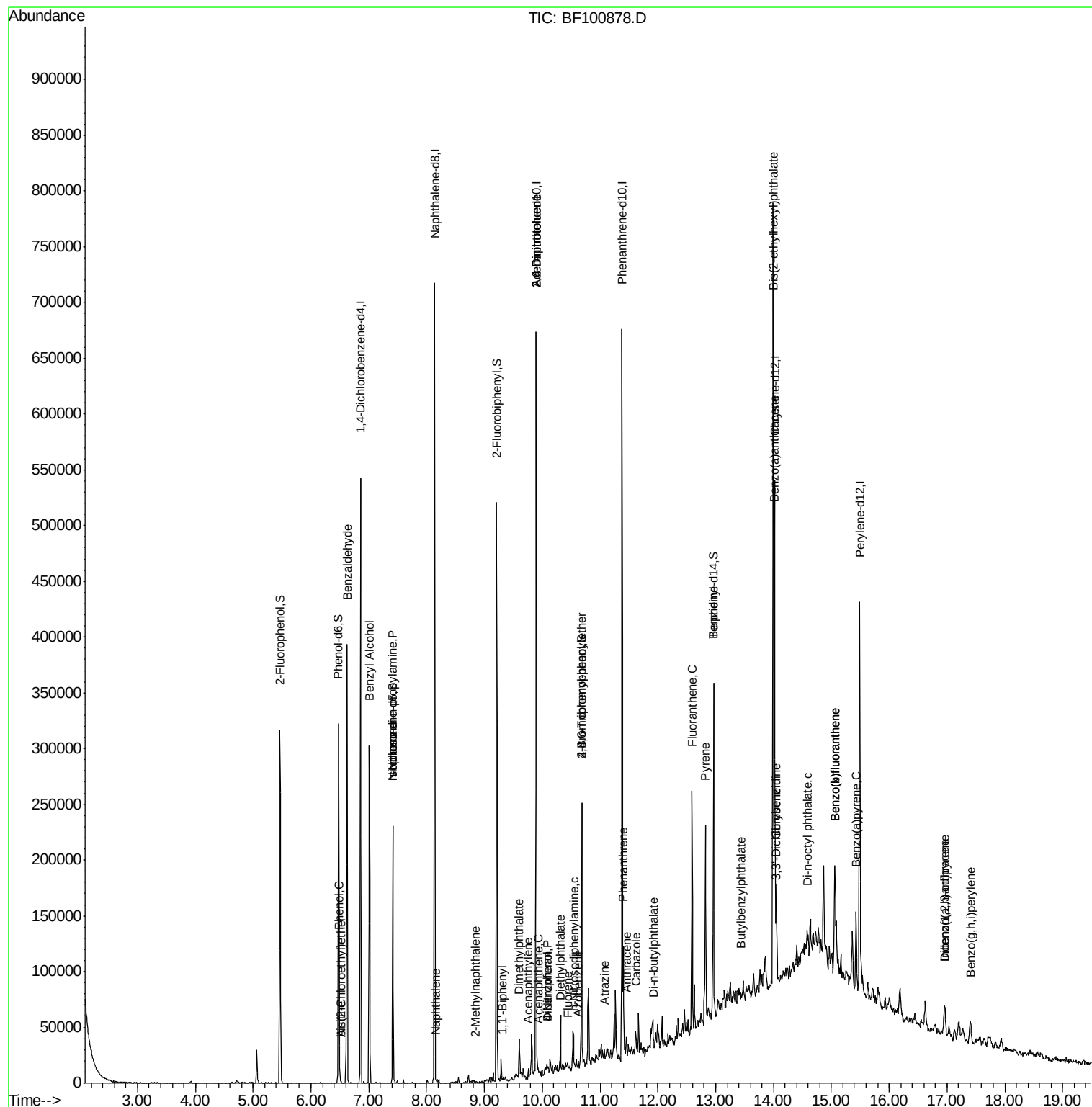
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	13.99	149	186527	34.214	nq	98
84) Di-n-octyl phthalate	14.58	149	9402	1.004	nq #	1
85) Indeno(1,2,3-cd)pyrene	16.96	276	18826	2.799	nq	93
87) Benzo(b)fluoranthene	15.06	252	63926	6.801	nq #	95
88) Benzo(k)fluoranthene	15.06	252	63926	7.197	nq	97
89) Benzo(a)pyrene	15.43	252	33156	3.979	nq	97
90) Dibenzo(a,h)anthracene	16.97	278	5459	0.801	nq #	72
91) Benzo(a,h,i)perylene	17.41	276	15880	2.380	nq	92

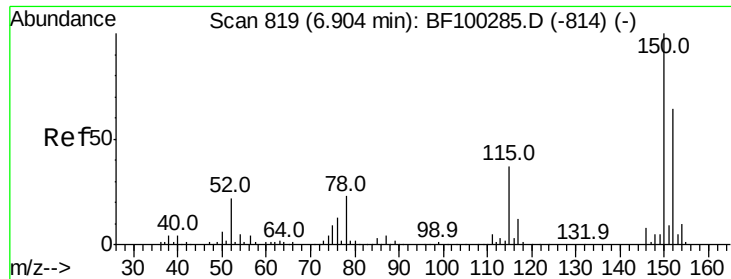
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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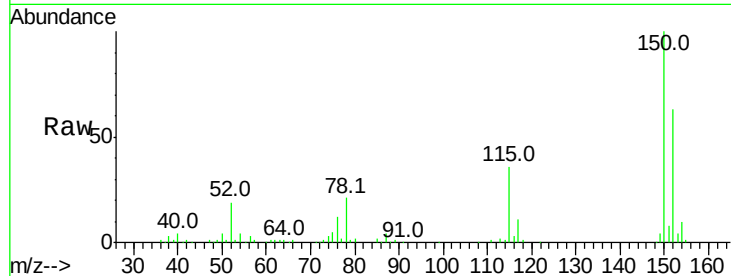


#1

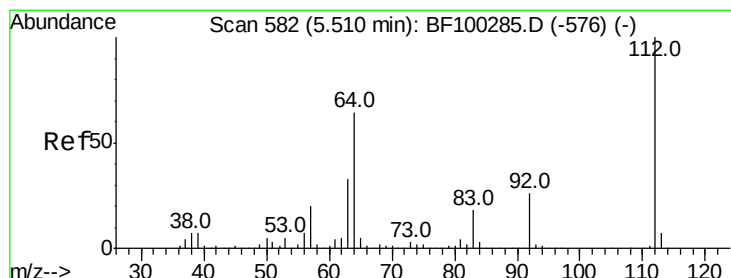
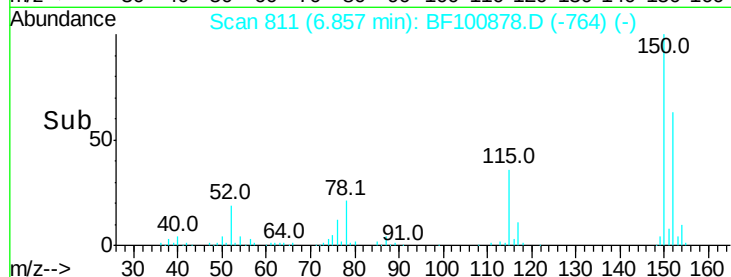
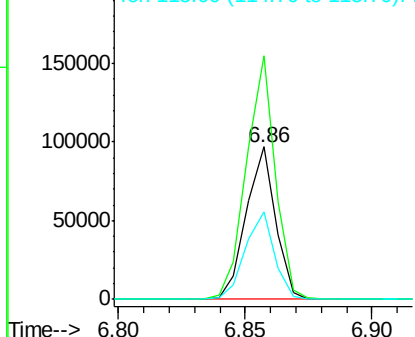
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78499
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 57.6 50.1 75.1



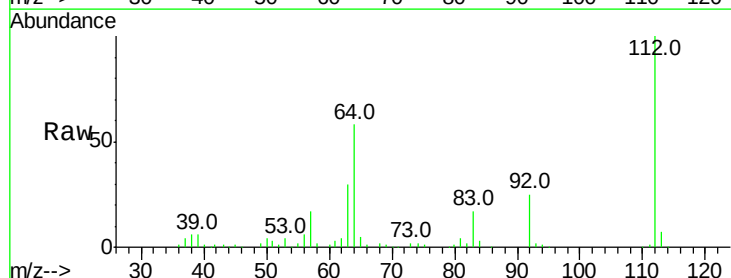
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



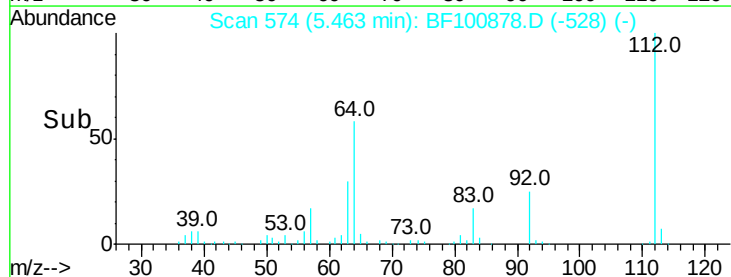
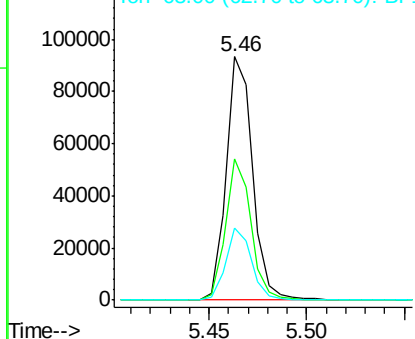
#5

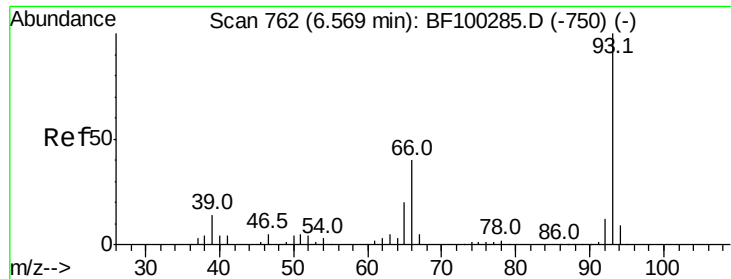
2-Fluorophenol
Concen: 17.825 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion:112 Resp: 87289
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.6 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: 0.013 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :

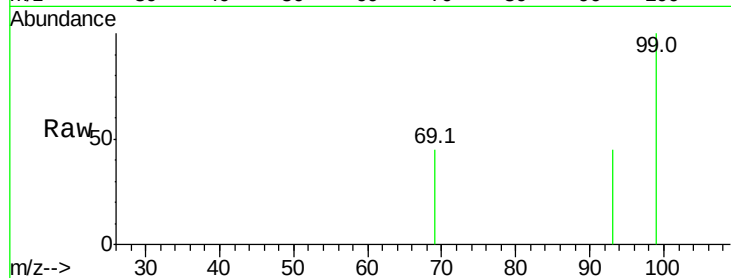
Tot Ion: 93 Resp: 114

Ion Ratio Lower Upper

93 100

66 0.0 32.2 48.2#

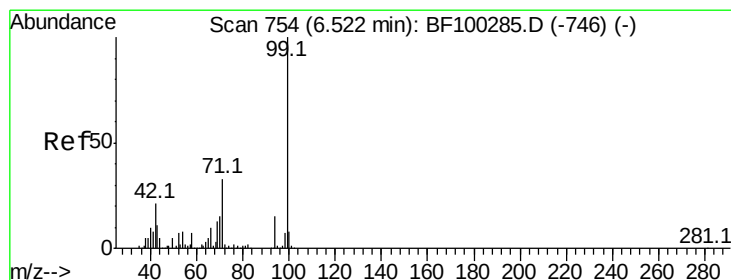
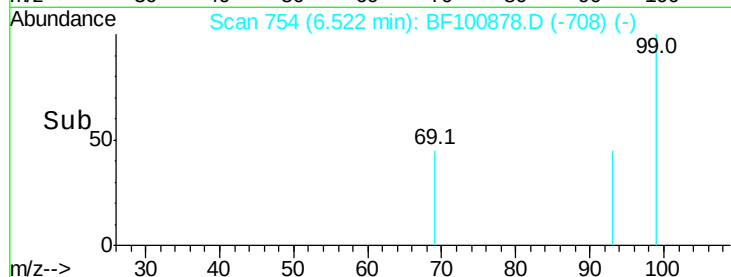
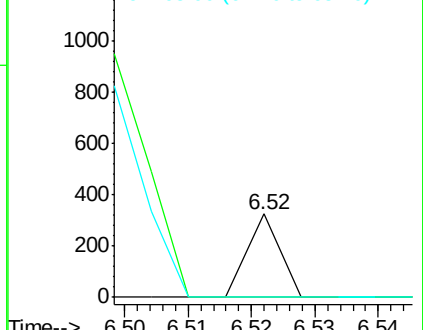
65 0.0 16.4 24.6#



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: 18.577 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

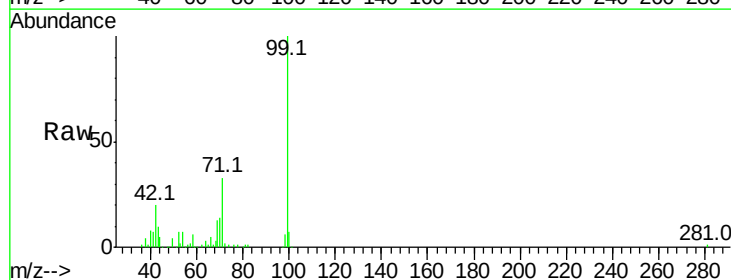
Tgt Ion: 99 Resp: 112181

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

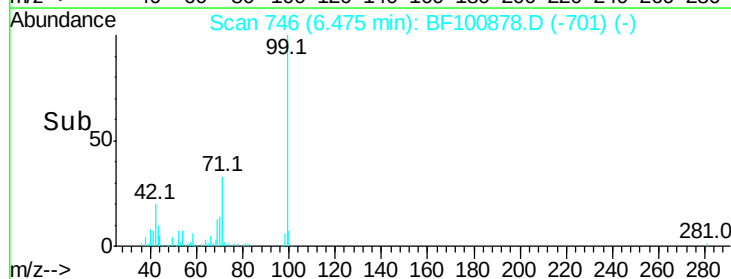
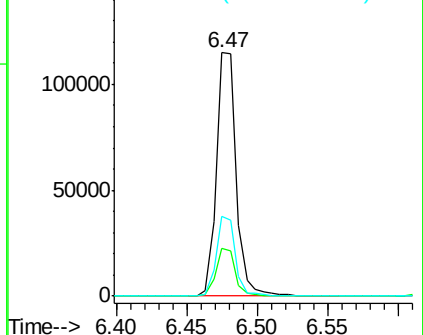
71 32.9 25.4 38.0

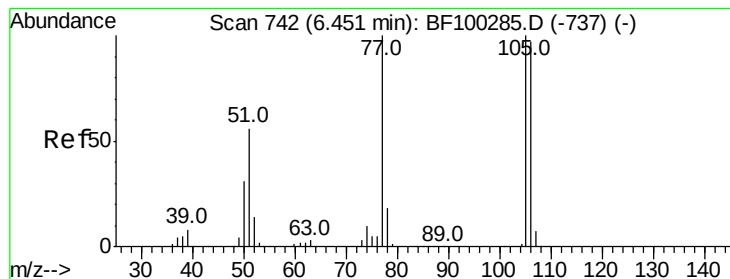


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 0.427 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.19 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampled :

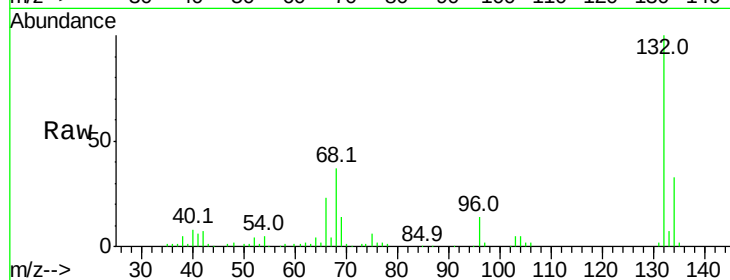
Tot Ion: 77 Resp: 1842

Ion Ratio Lower Upper

77 100

105 77.3 81.1 121.1#

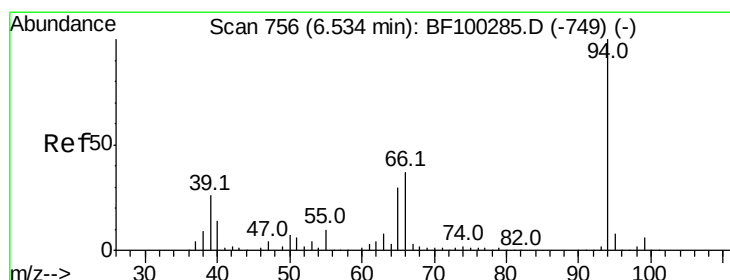
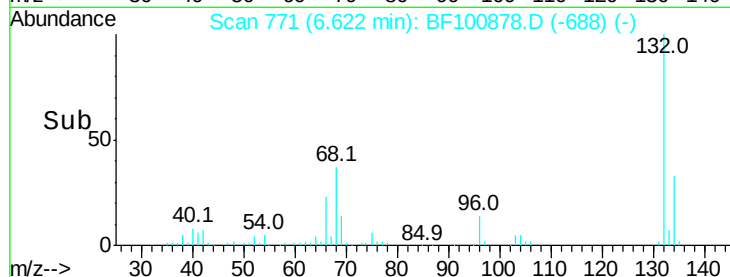
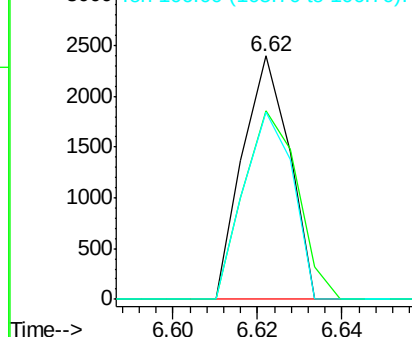
106 77.1 74.5 114.5



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: 0.750 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

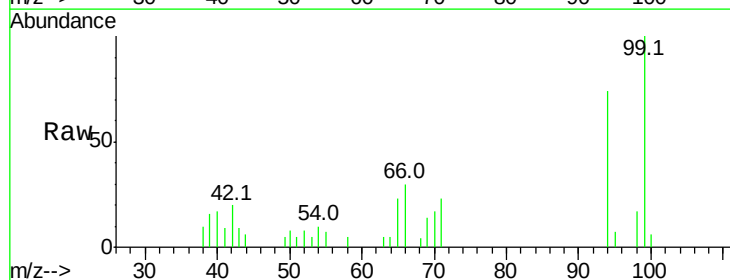
Tgt Ion: 94 Resp: 4755

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

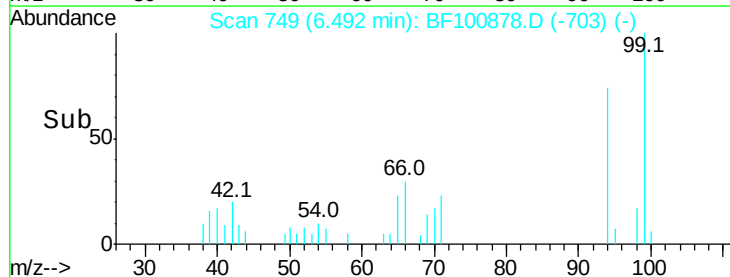
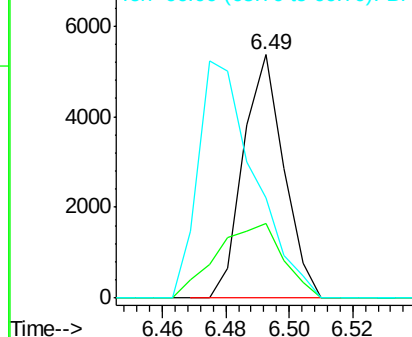
66 41.2 16.2 56.2

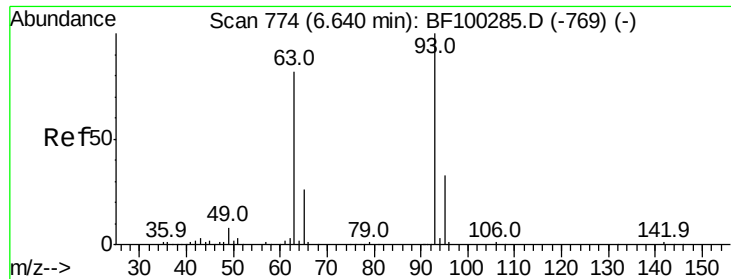


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

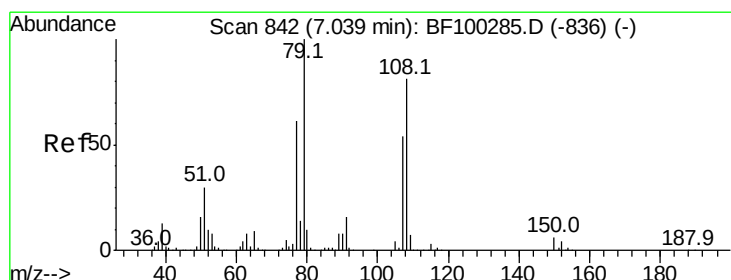
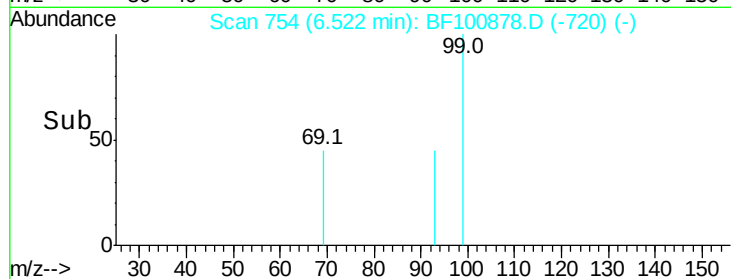
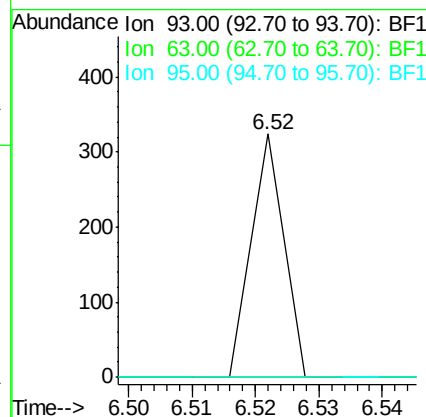
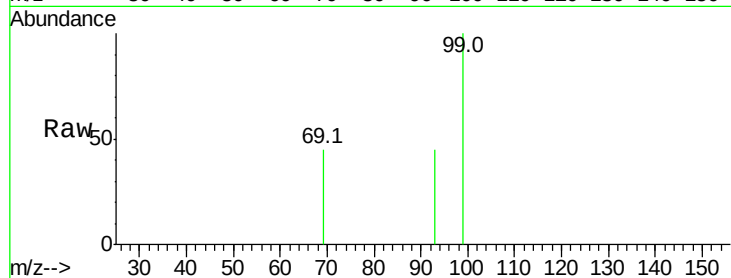




#11
 bis(2-Chloroethyl)ether
 Concen: 0.021 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.10 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

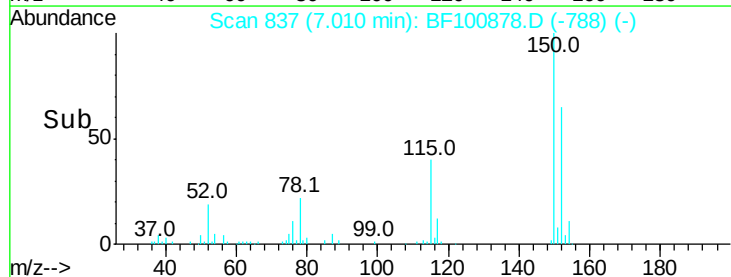
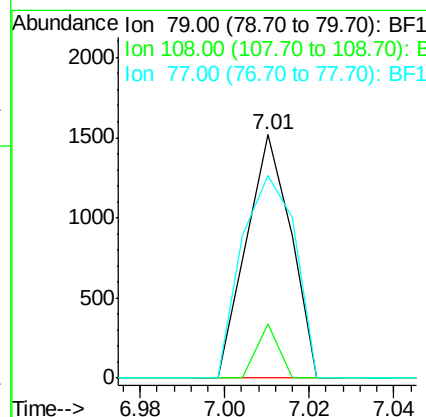
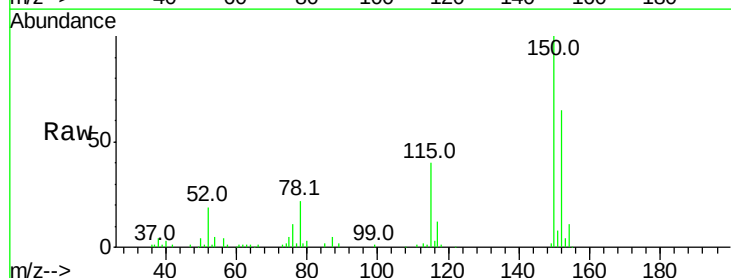
Instrument :
 BNA_F
 ClientSampleId :

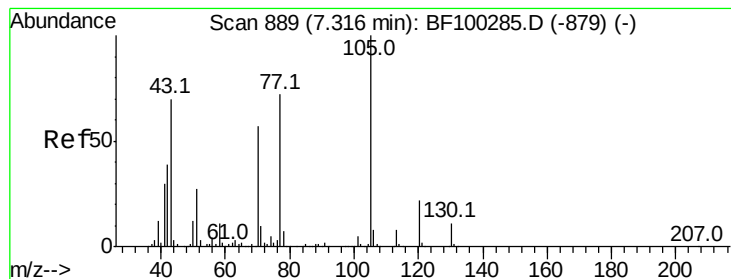
Tot Ion: 93 Resp: 114
 Ion Ratio Lower Upper
 93 100
 63 0.0 58.6 98.6#
 95 0.0 11.8 51.8#



#15
 Benzyl Alcohol
 Concen: 0.236 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Tgt Ion: 79 Resp: 1111
 Ion Ratio Lower Upper
 79 100
 108 22.3 65.1 97.7#
 77 83.3 50.6 75.8#





#19

n-Nitroso-di-n-propylamine

Concen: 1.917 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.12 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 8030

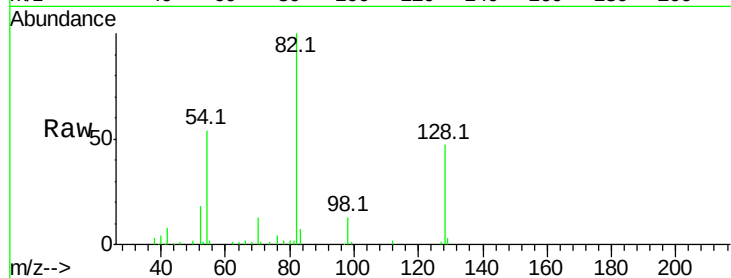
Ion Ratio Lower Upper

70 100

42 59.2 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

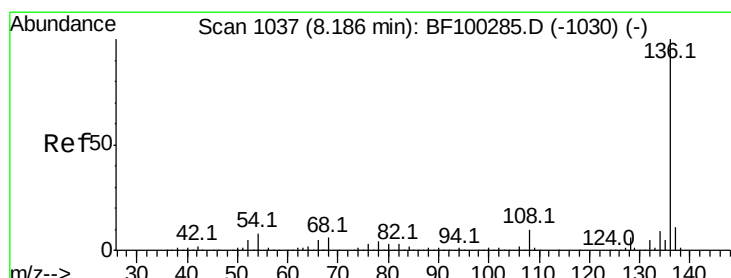
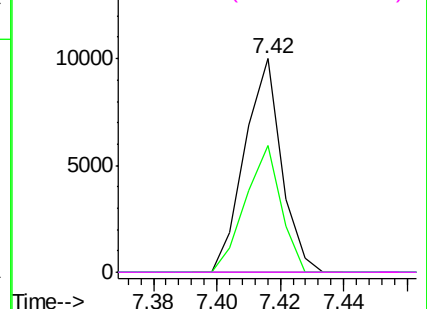
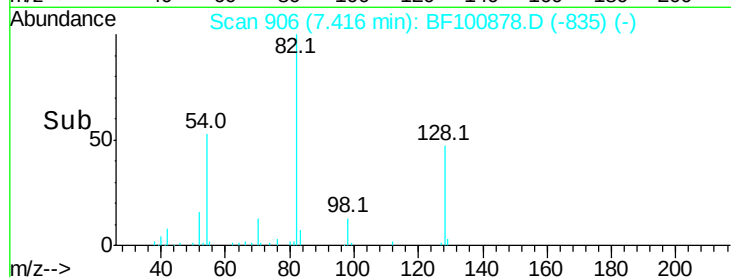


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100878.D

Acq: 23 Nov 2017 16:24

Tgt Ion:136 Resp: 297353

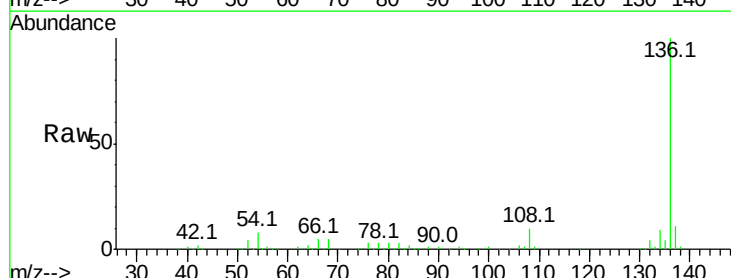
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 5.1 5.0 7.4

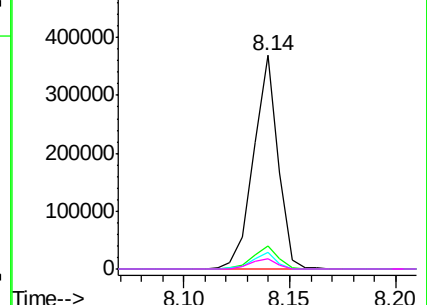
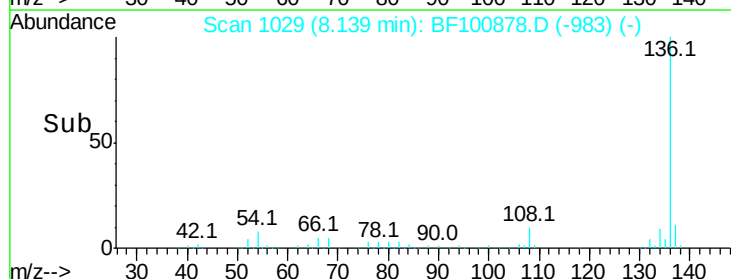


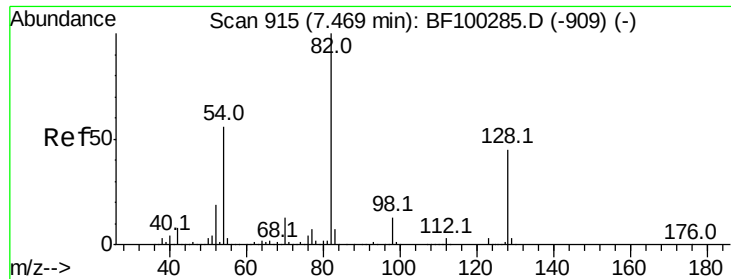
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 14.026 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :

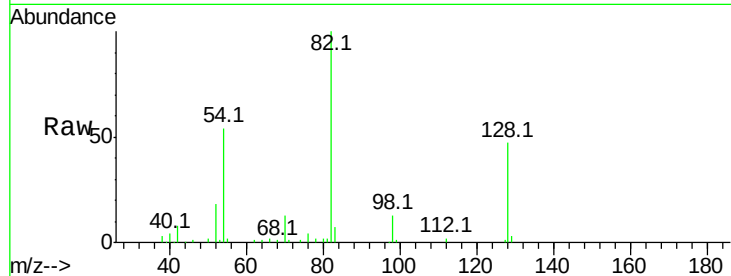
Tot Ion: 82 Resp: 63084

Ion Ratio Lower Upper

82 100

128 47.3 36.1 54.1

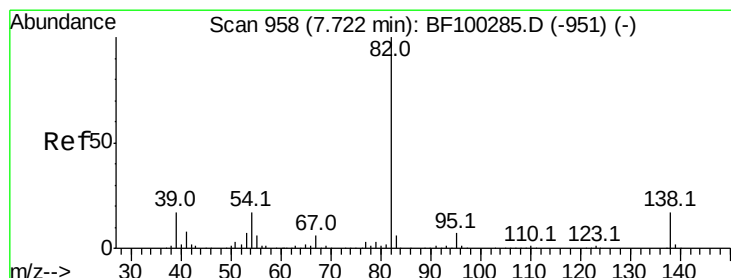
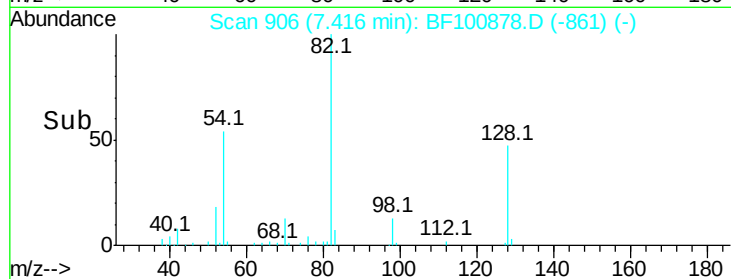
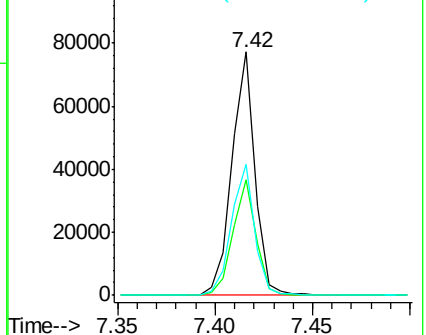
54 53.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 6.674 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.29 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

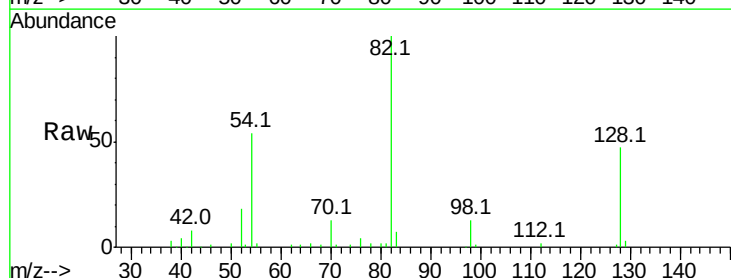
Tgt Ion: 82 Resp: 63082

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

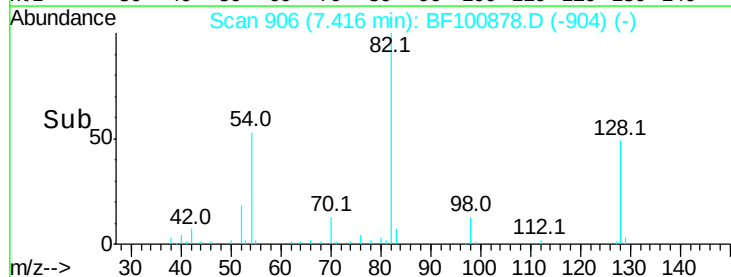
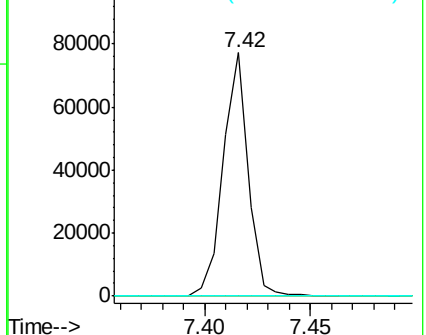
138 0.0 14.9 22.3#

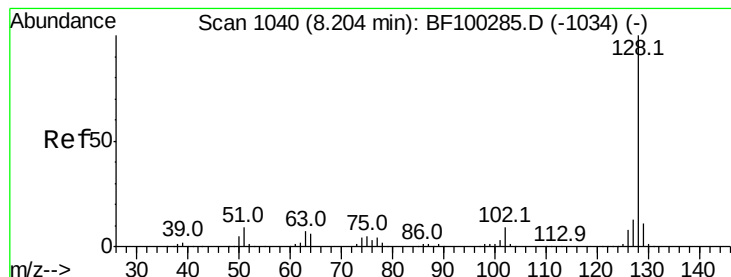


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 0.066 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :

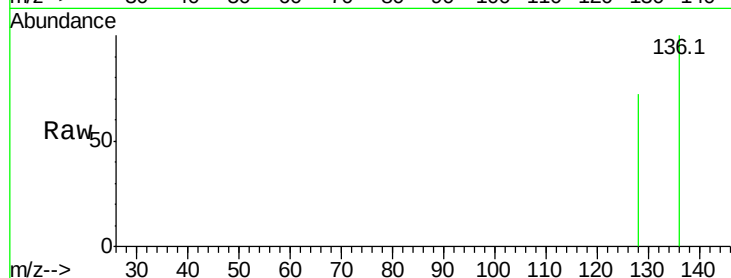
Tot Ion:128 Resp: 944

Ion Ratio Lower Upper

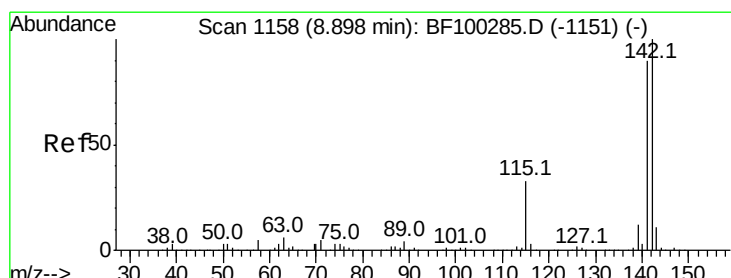
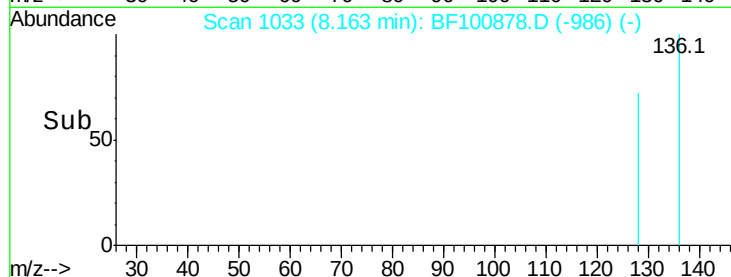
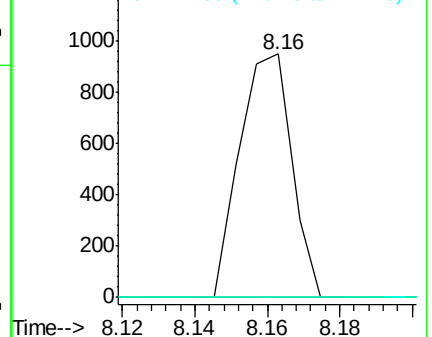
128 100

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



#37

2-Methylnaphthalene

Concen: 0.049 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

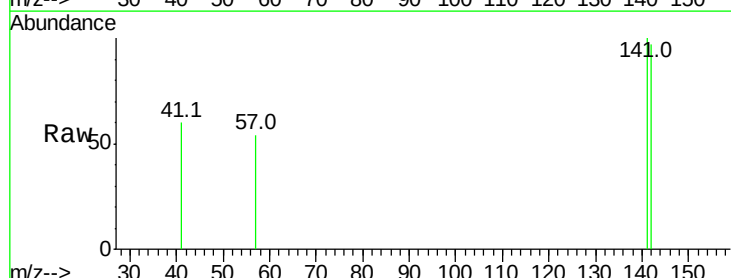
Tgt Ion:142 Resp: 465

Ion Ratio Lower Upper

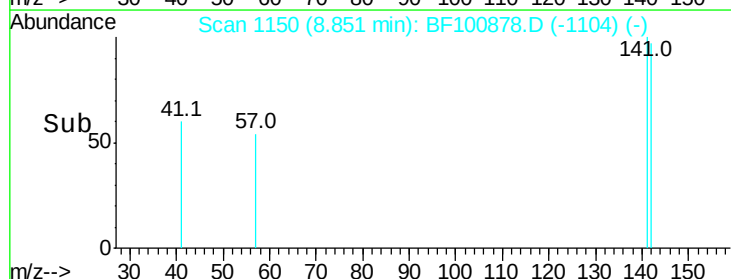
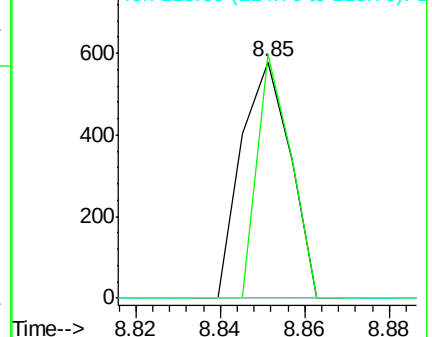
142 100

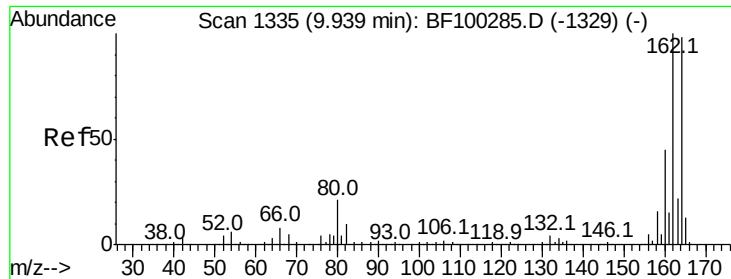
141 103.1 70.8 106.2

115 0.0 26.1 39.1#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

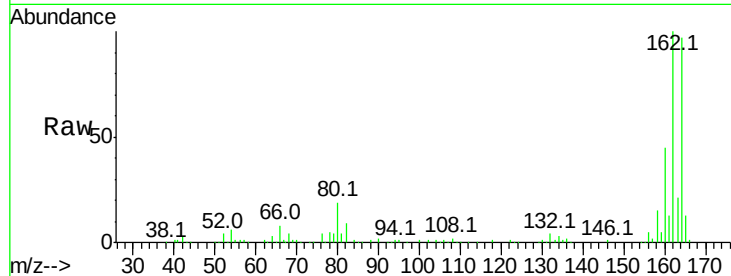




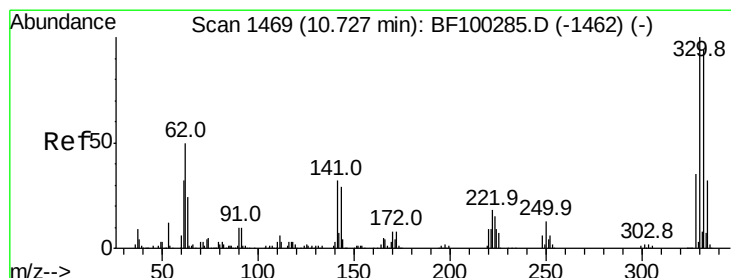
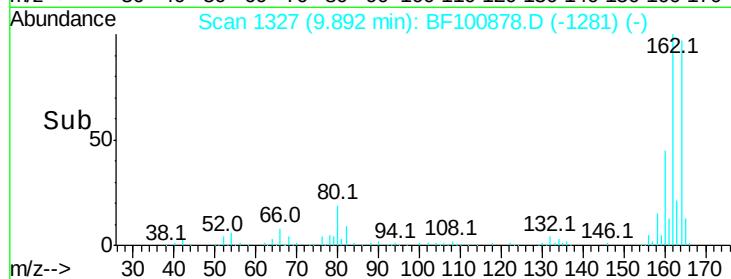
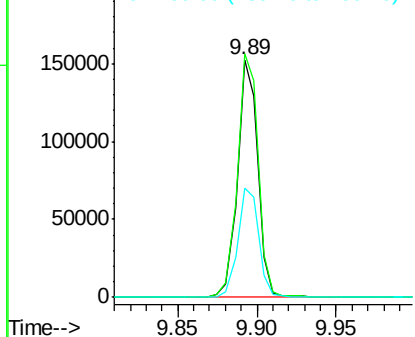
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 135139
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 45.9 38.3 57.5

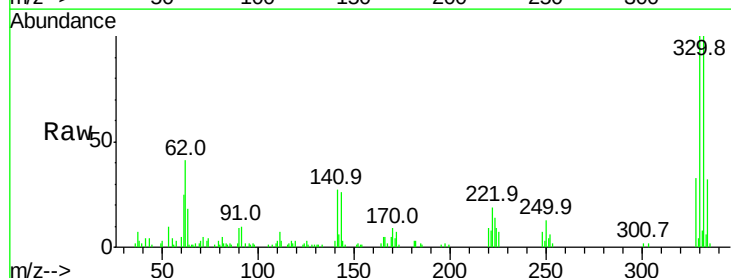


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

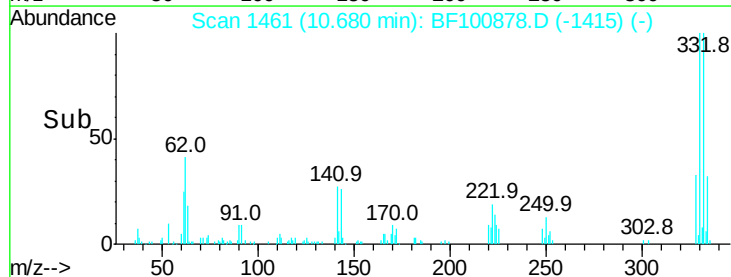
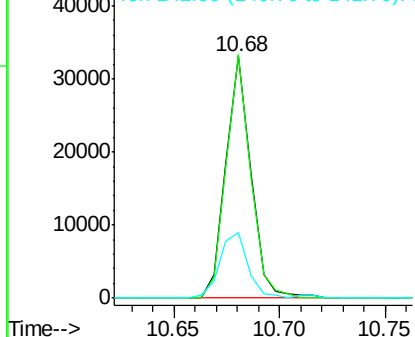


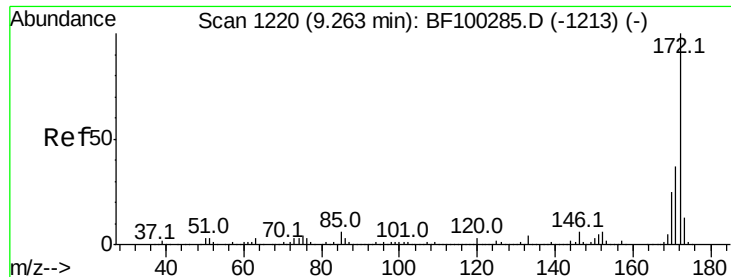
#41
2,4,6-Tribromophenol
Concen: 19.758 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion:330 Resp: 27208
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 30.7 29.9 44.9



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

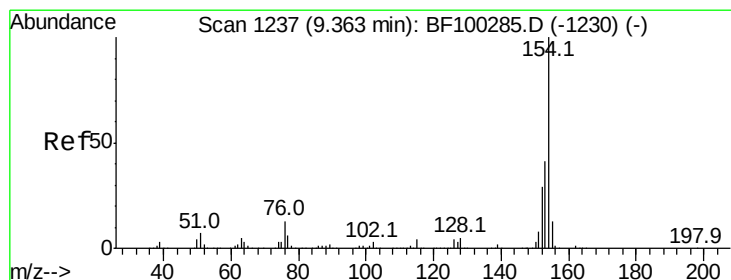
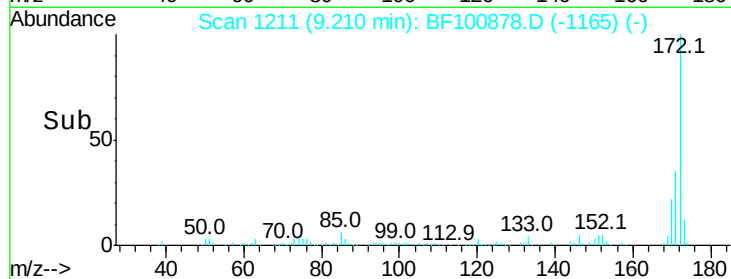
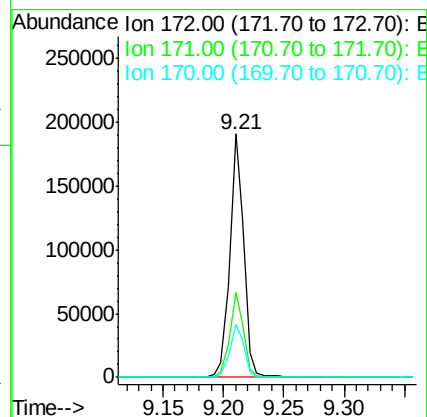
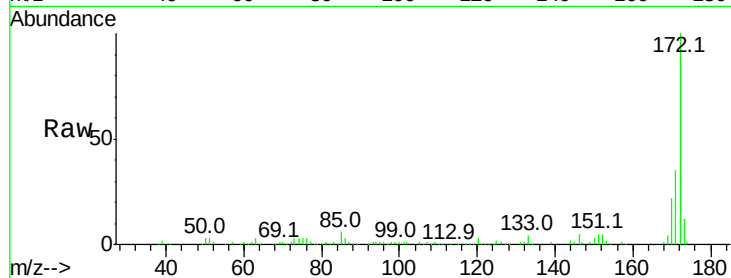




#44
 2-Fluorobiphenyl
 Concen: 17.125 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.03 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

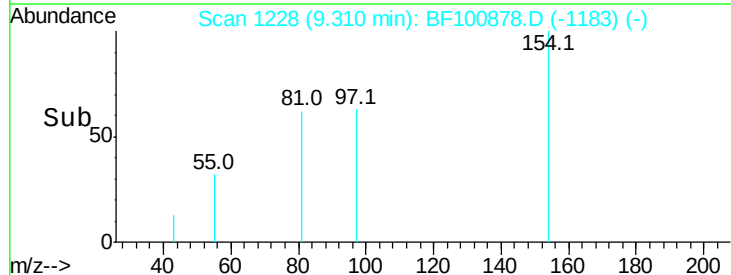
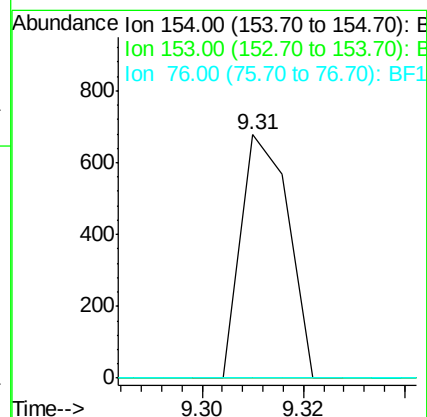
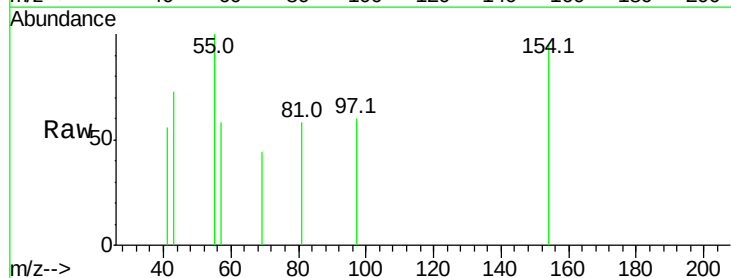
Instrument :
 BNA_F
 ClientSampleId :

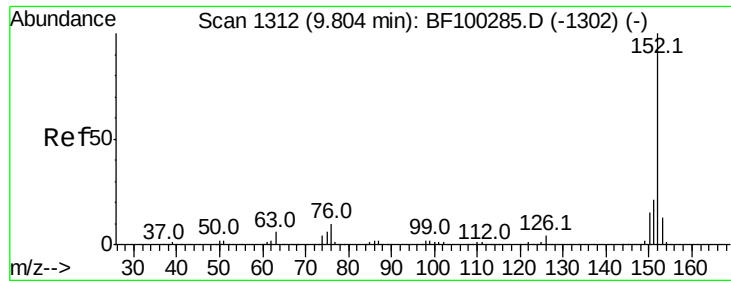
Tot Ion:172 Resp: 151985
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 22.0 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 0.038 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.04 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Tgt Ion:154 Resp: 439
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.3 61.3#
 76 0.0 0.0 34.0

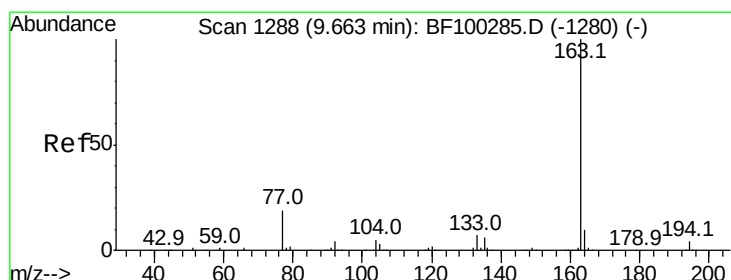
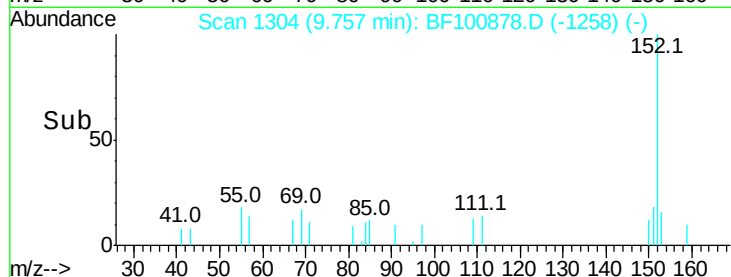
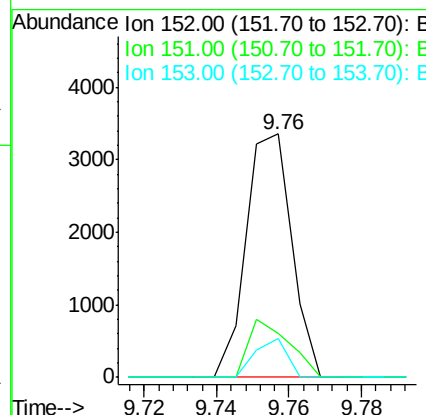
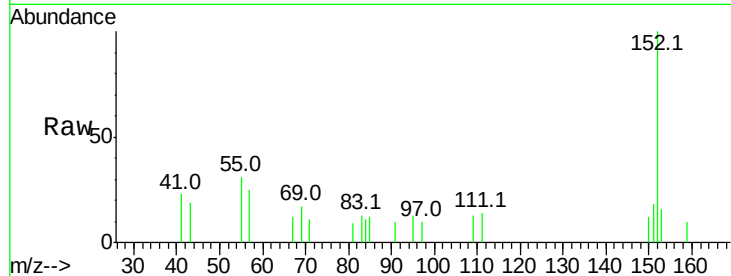




#48
Acenaphthylene
Concen: 0.209 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

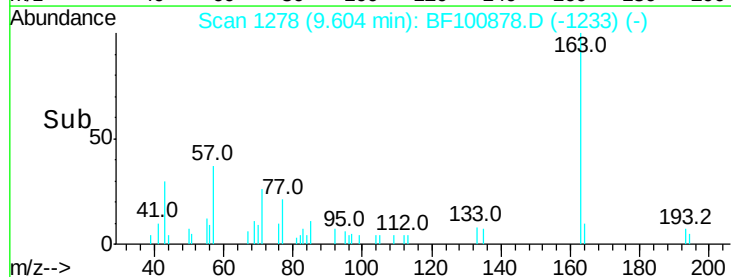
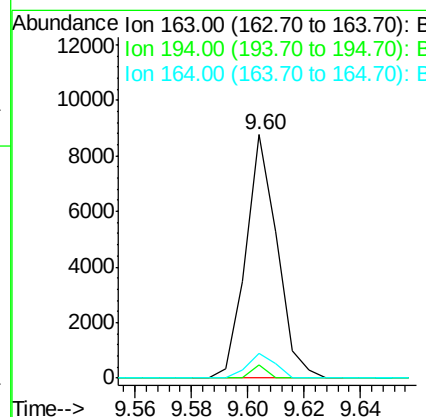
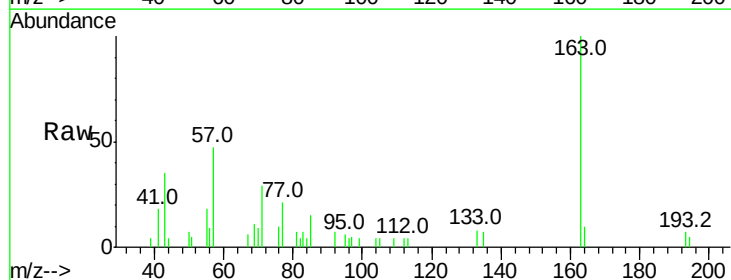
Instrument :
BNA_F
ClientSampleId :

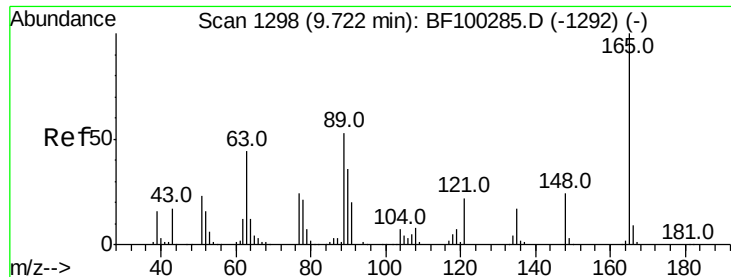
Tot Ion:	152	Resp:	2932
Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.3	24.5
153	15.8	10.7	16.1



#49
Dimethylphthalate
Concen: 0.655 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion:	163	Resp:	6759
Ion	Ratio	Lower	Upper
163	100		
194	5.3	2.7	4.1#
164	9.9	8.2	12.2

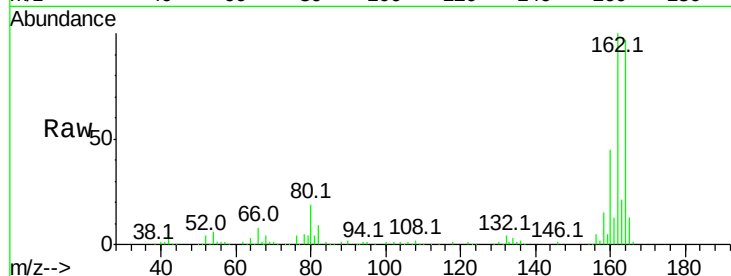




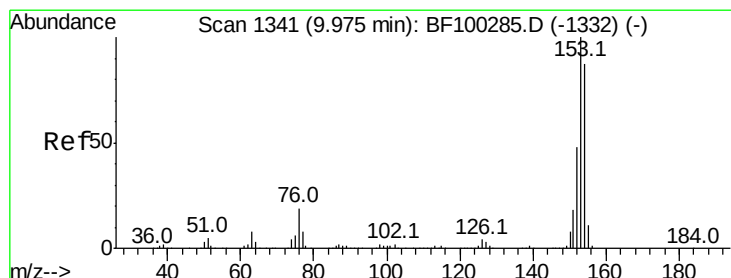
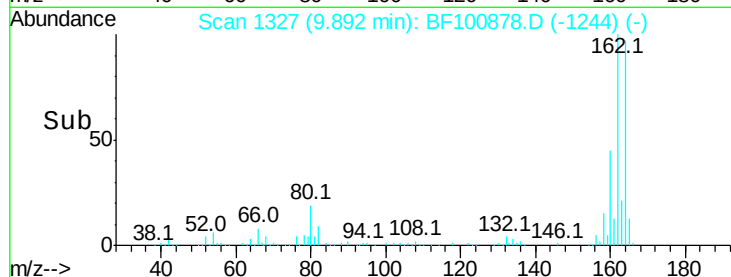
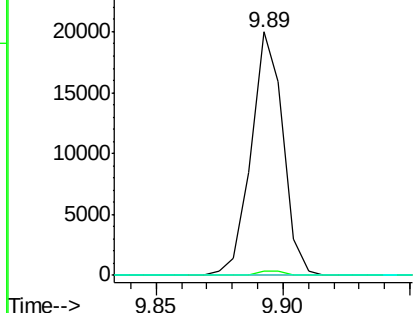
#50
 2,6-Dinitrotoluene
 Concen: 8.547 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.19 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17456
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 0.0 44.0 66.0#

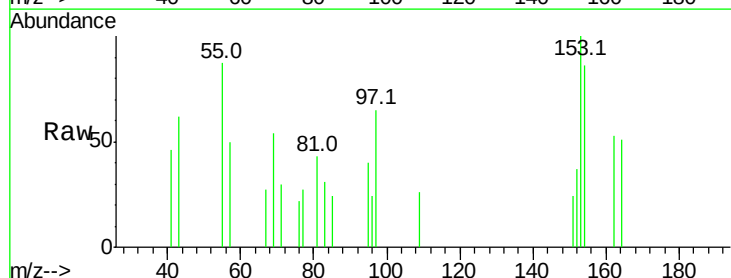


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

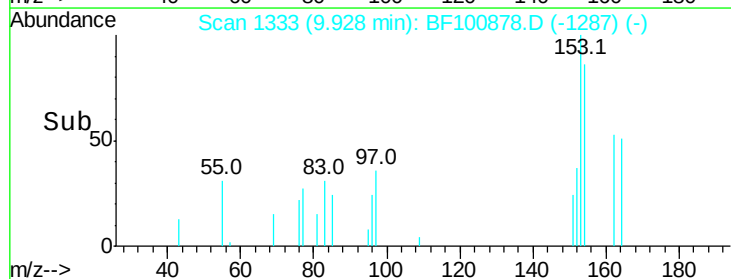
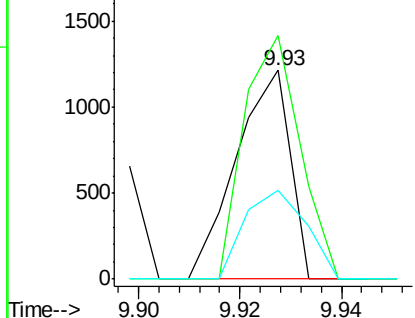


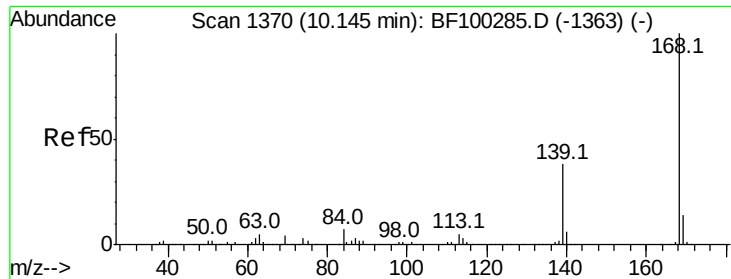
#51
 Acenaphthene
 Concen: 0.105 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.03 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Tgt Ion:154 Resp: 895
 Ion Ratio Lower Upper
 154 100
 153 116.8 91.2 136.8
 152 42.8 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





#54

Dibenzenofuran

Concen: 0.058 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :

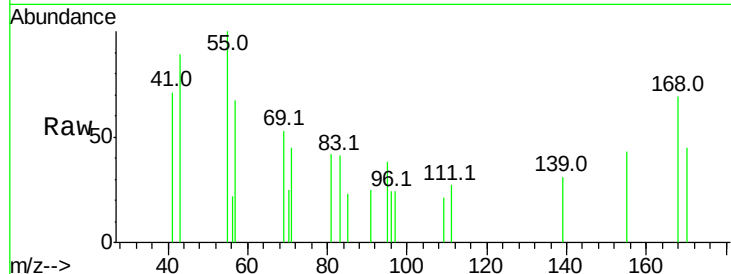
Tot Ion:168 Resp: 698

Ion Ratio Lower Upper

168 100

139 45.5 30.1 45.1#

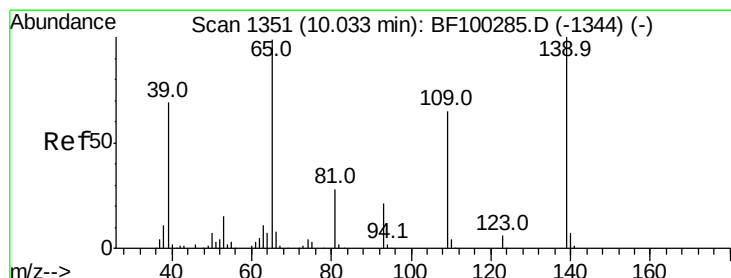
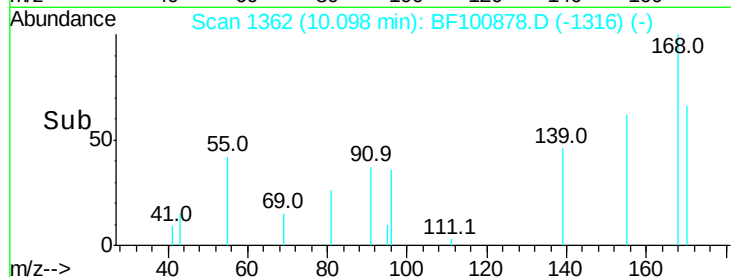
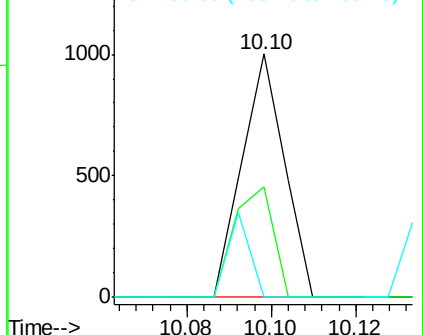
169 0.0 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.148 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.08 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

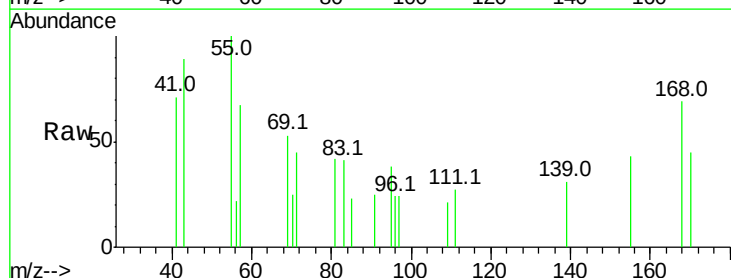
Tgt Ion:139 Resp: 290

Ion Ratio Lower Upper

139 100

109 68.9 48.4 88.4

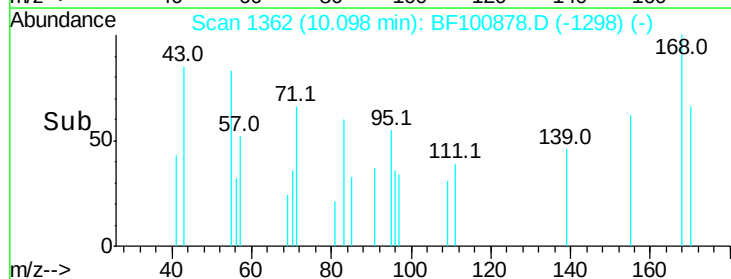
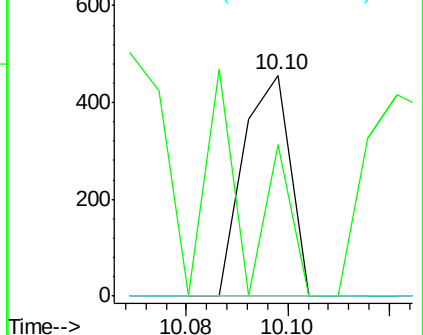
65 0.0 72.6 112.6#

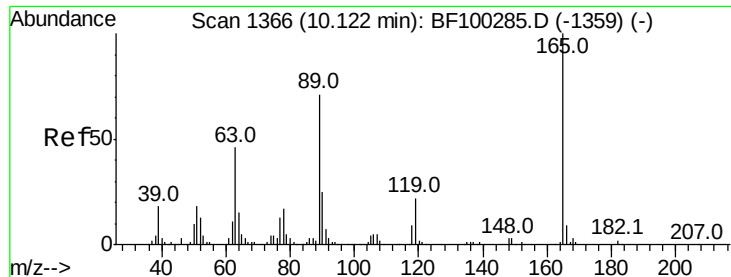


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 6.775 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.22 min

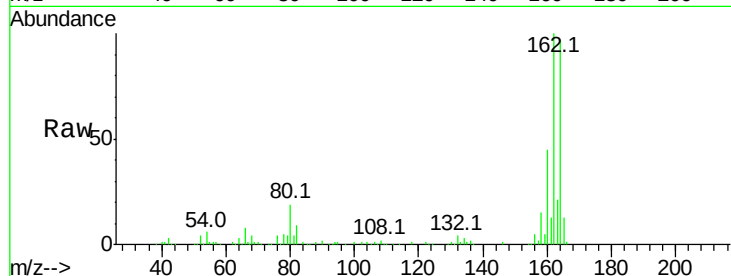
Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :



Tot Ion:165 Resp: 17456

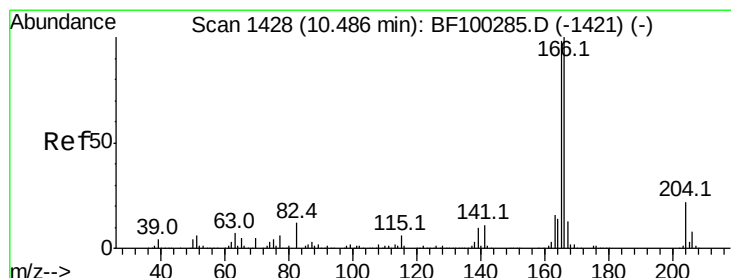
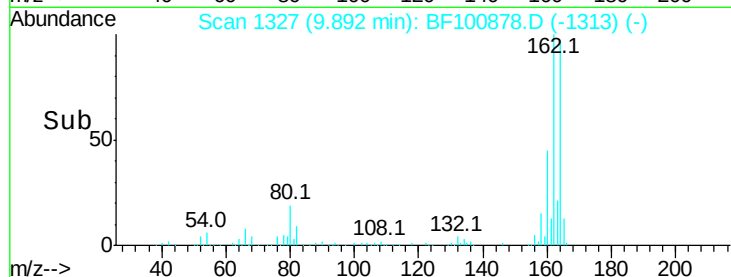
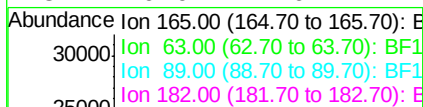
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#



#57

Fluorene

Concen: 0.136 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

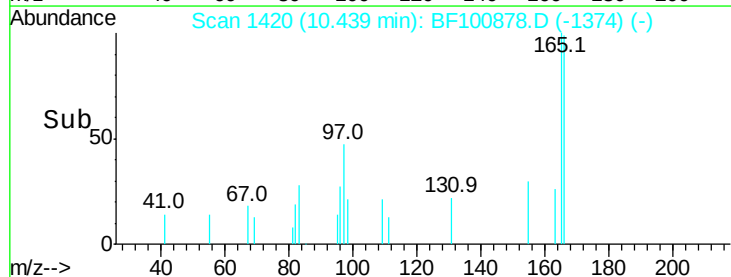
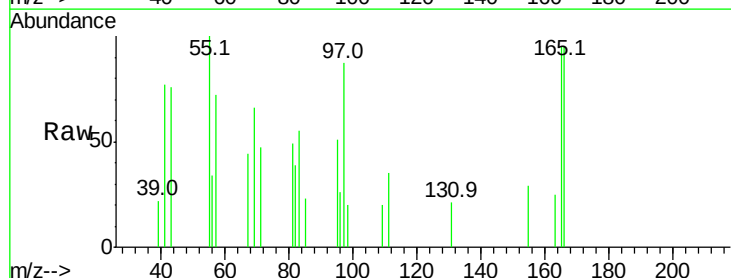
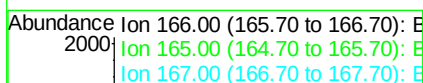
Tgt Ion:166 Resp: 1192

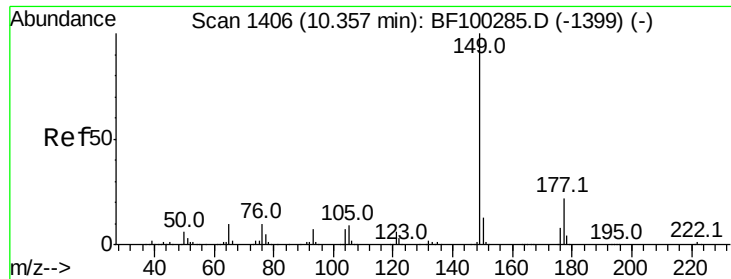
Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

167 0.0 10.6 16.0#

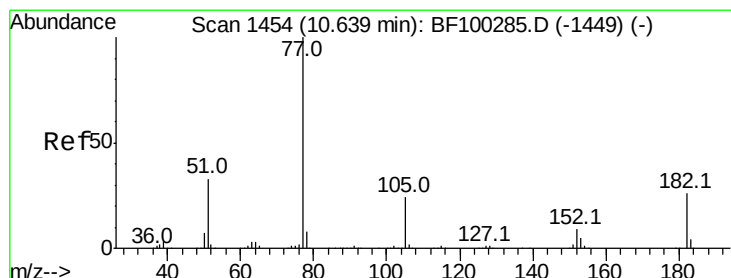
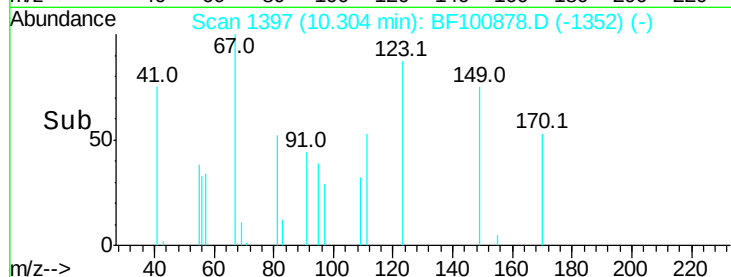
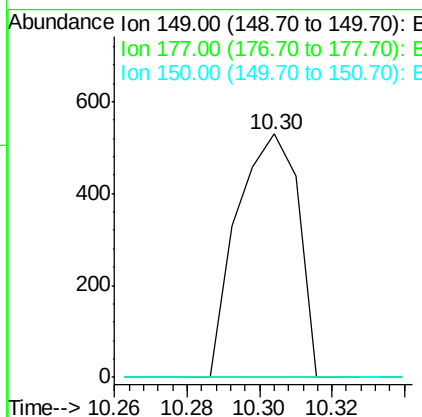
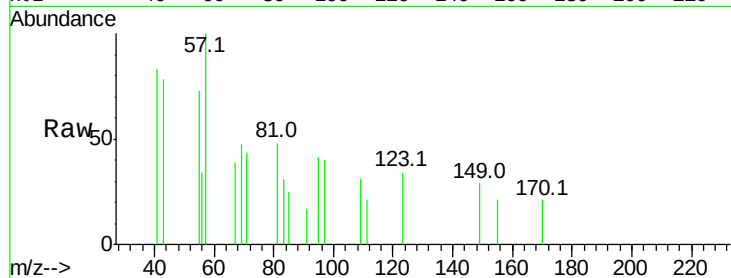




#59
Diethylphthalate
Concen: 0.060 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

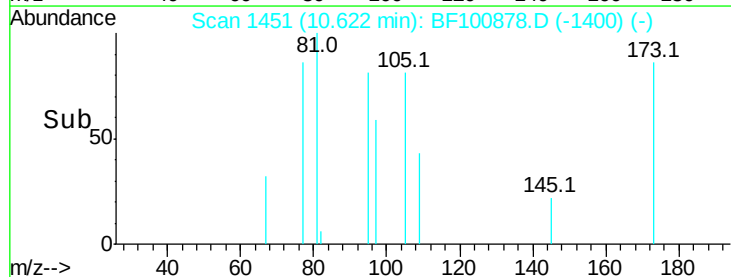
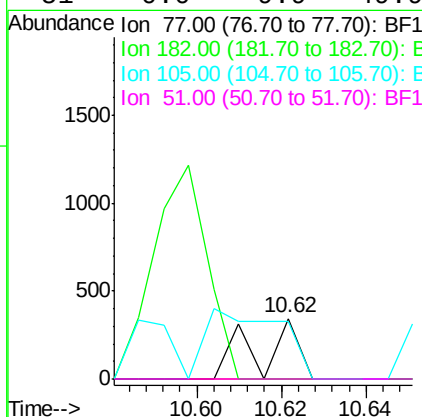
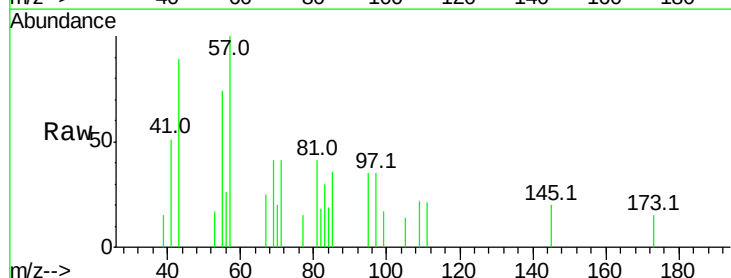
Instrument :
BNA_F
ClientSampled :

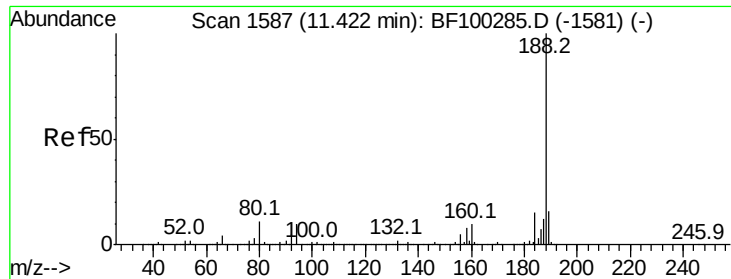
Tot Ion:149 Resp: 619
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.024 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion: 77 Resp: 233
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 94.8 3.0 43.0#
51 0.0 9.9 49.9#

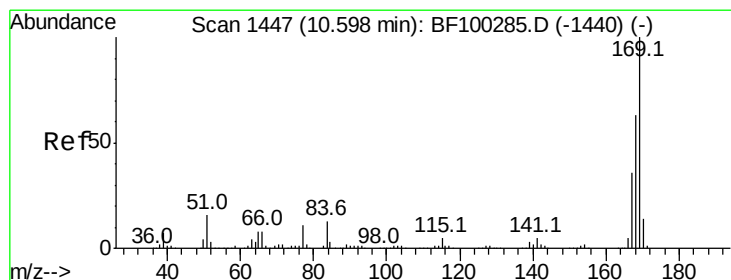
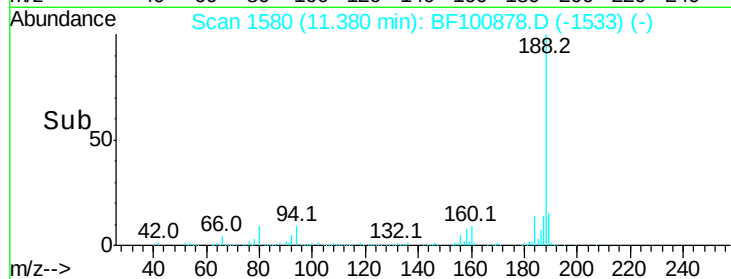
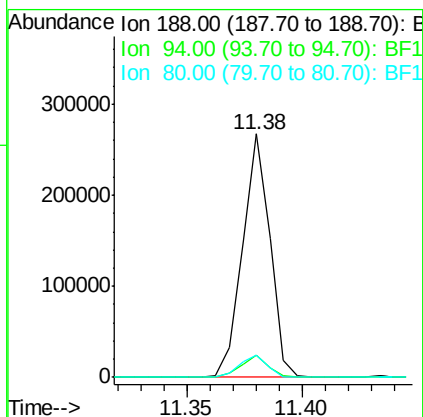
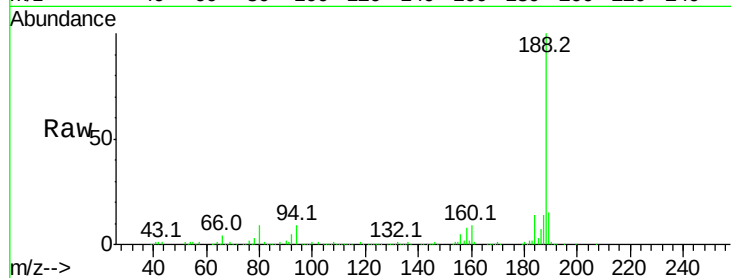




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

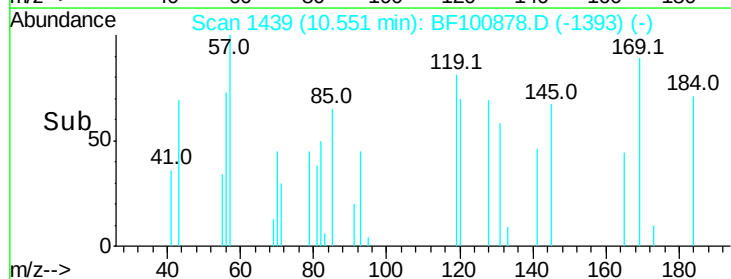
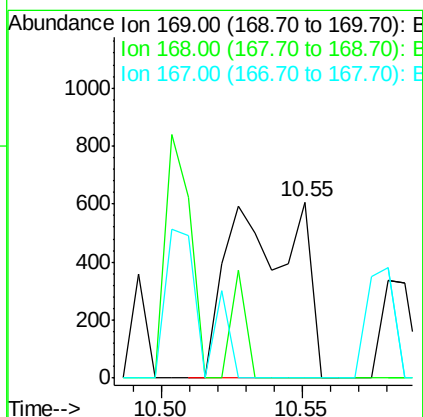
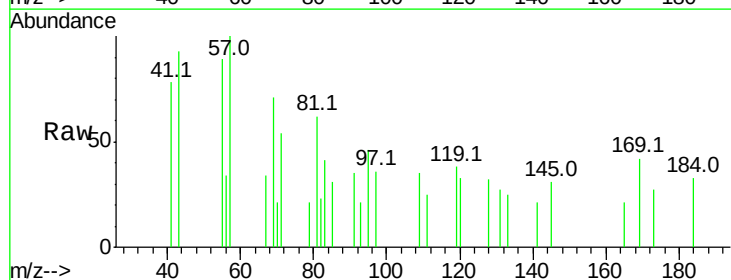
Instrument :
BNA_F
ClientSampleId :

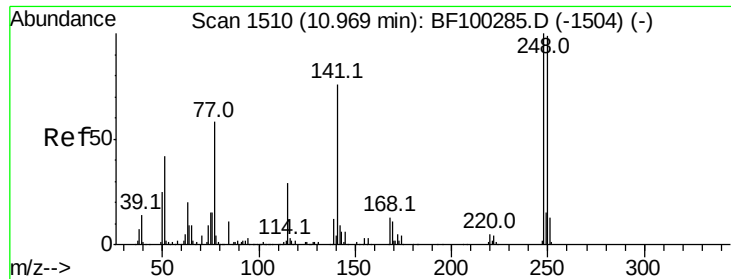
Tot Ion:188 Resp: 221392
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.1 9.2 13.8#



#65
n-Nitrosodiphenylamine
Concen: 0.131 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion:169 Resp: 1008
Ion Ratio Lower Upper
169 100
168 0.0 54.4 81.6#
167 0.0 29.8 44.6#

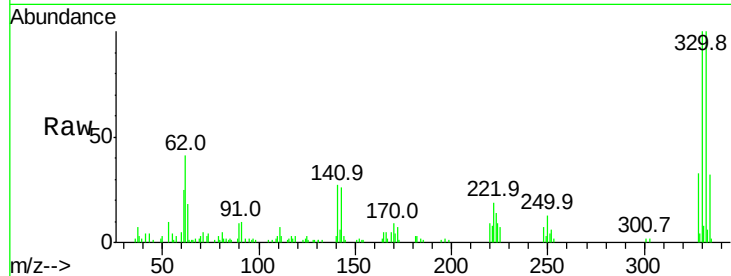




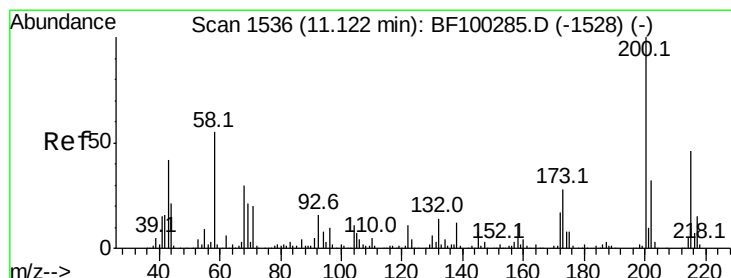
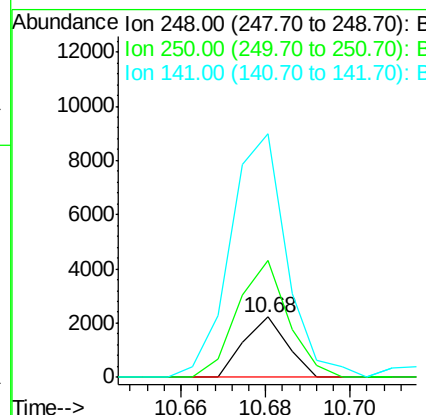
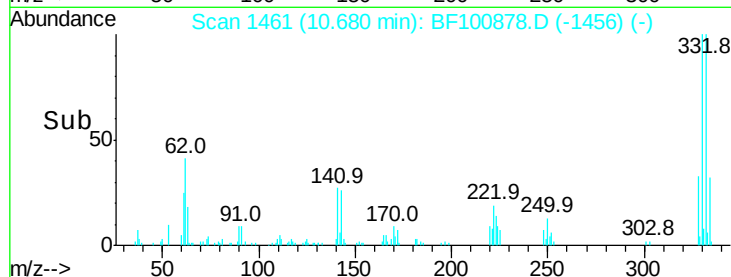
#66
4-Bromophenyl-phenylether
Concen: 0.659 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.27 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 1565
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 405.6 74.4 111.6#

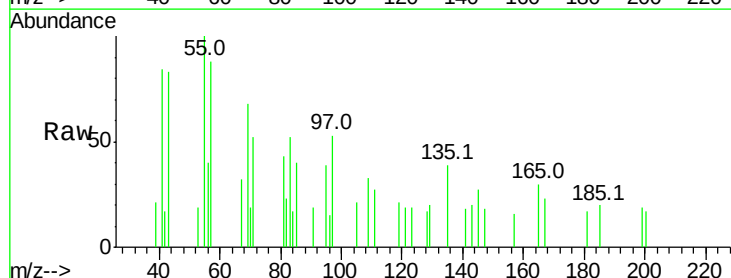


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

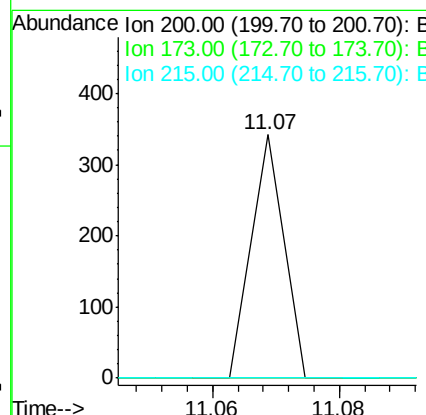
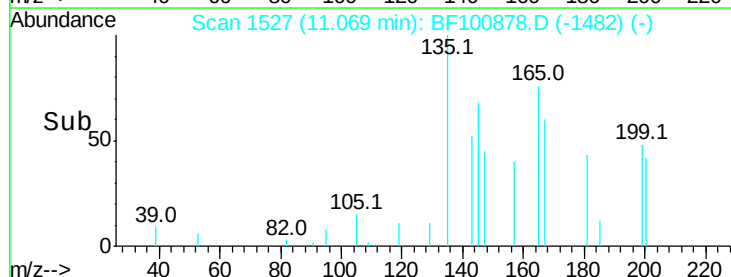


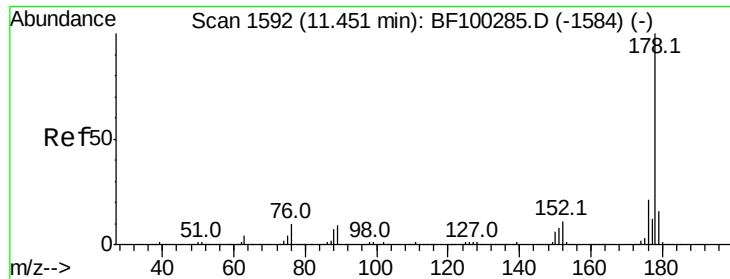
#68
Atrazine
Concen: 0.052 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.04 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion:200 Resp: 121
Ion Ratio Lower Upper
200 100
173 0.0 8.6 48.6#
215 0.0 25.1 65.1#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

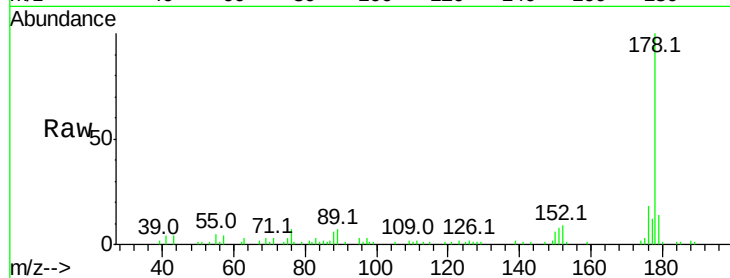




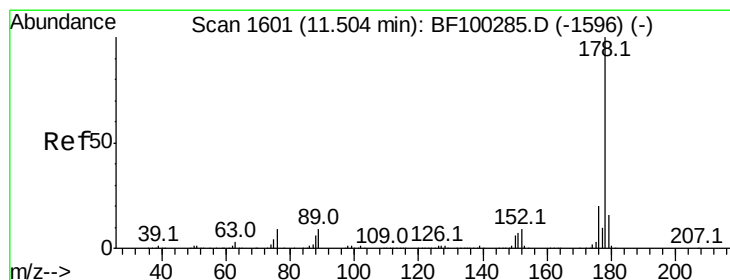
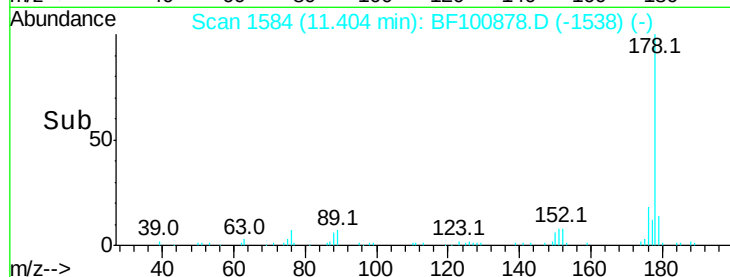
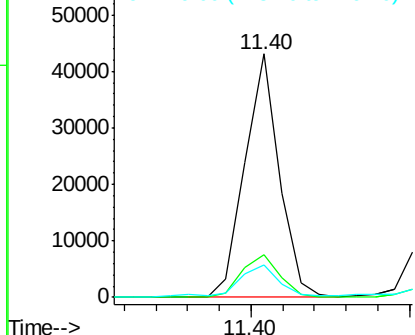
#70
Phenanthrene
Concen: 2.780 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 32411
Ion Ratio Lower Upper
178 100
176 17.7 15.8 23.8
179 13.5 13.0 19.6

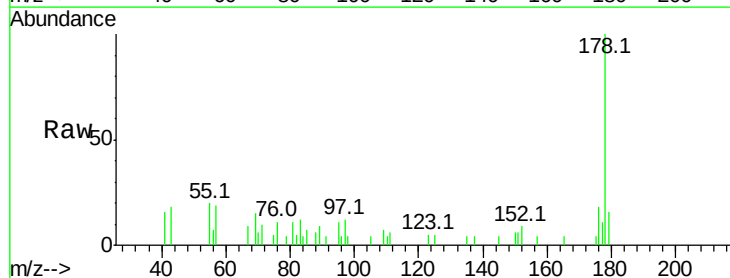


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

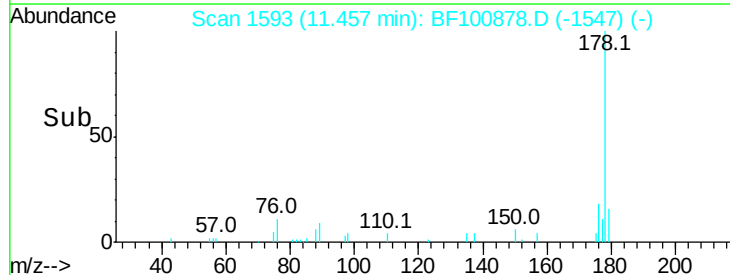
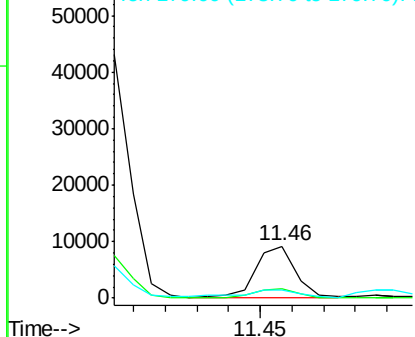


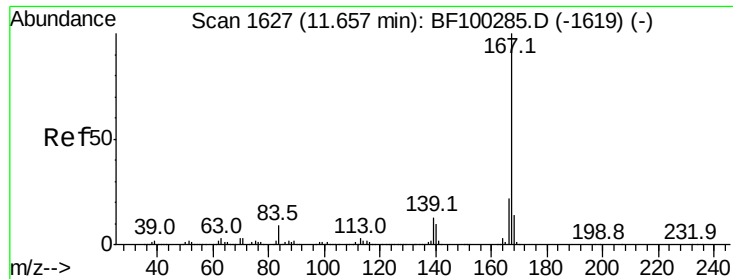
#71
Anthracene
Concen: 0.700 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion:178 Resp: 8273
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.2
179 15.6 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





#72

Carbazole

Concen: 0.128 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :

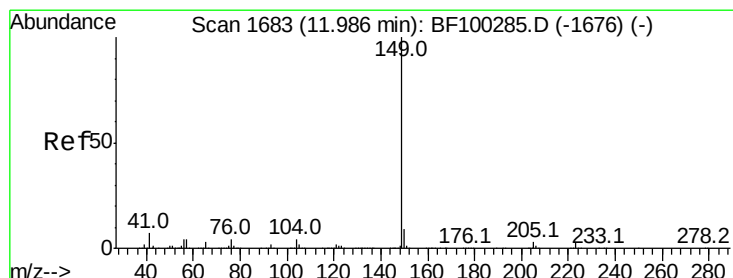
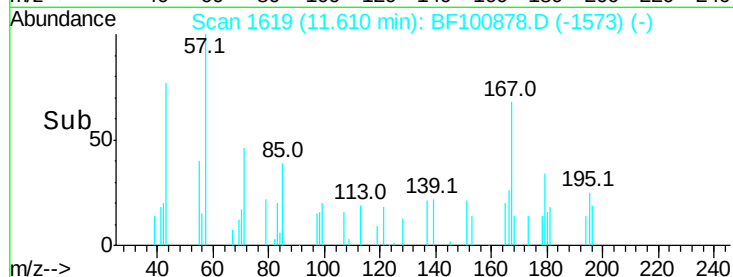
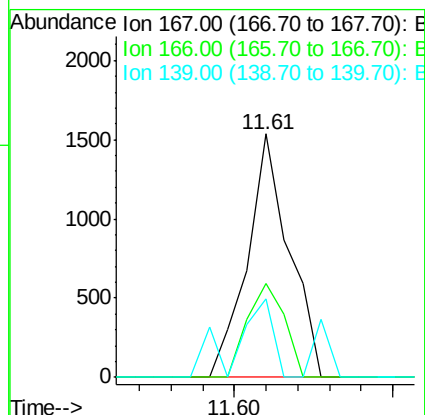
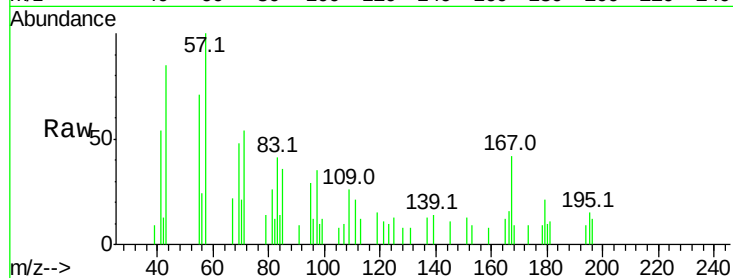
Tot Ion:167 Resp: 1402

Ion Ratio Lower Upper

167 100

166 38.8 17.6 26.4#

139 32.5 10.9 16.3#



#73

Di-n-butylphthalate

Concen: 0.113 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

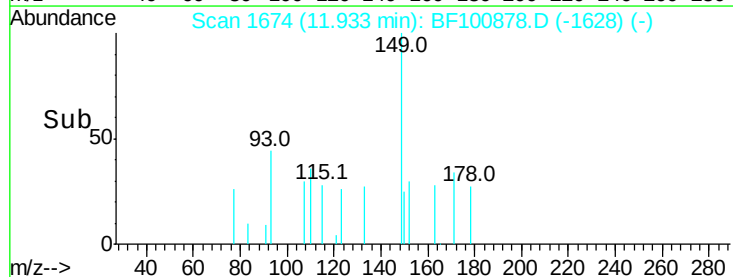
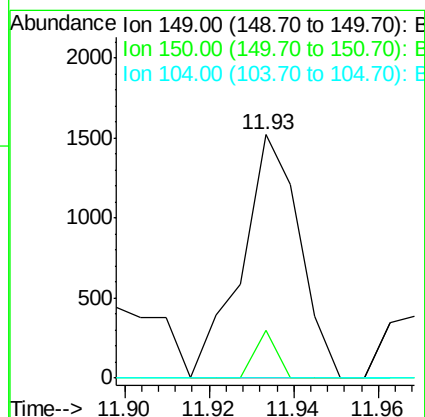
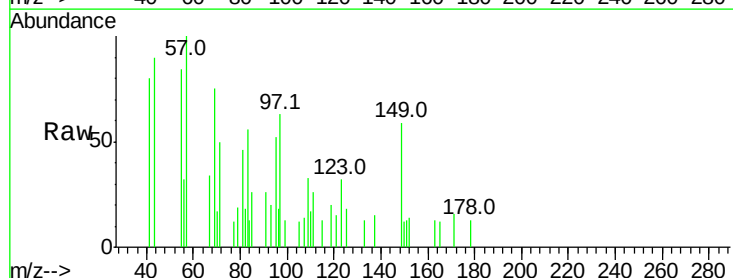
Tgt Ion:149 Resp: 1445

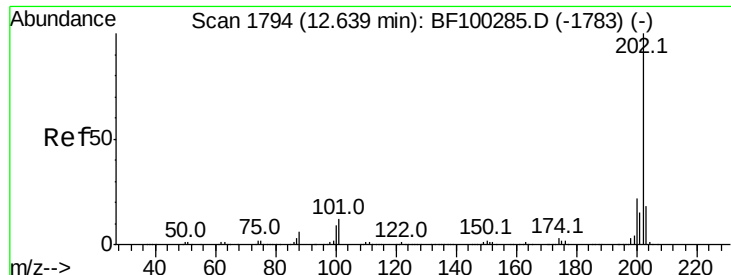
Ion Ratio Lower Upper

149 100

150 19.8 7.8 11.6#

104 0.0 3.8 5.8#





#74

Fluoranthene

Concen: 6.205 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampled :

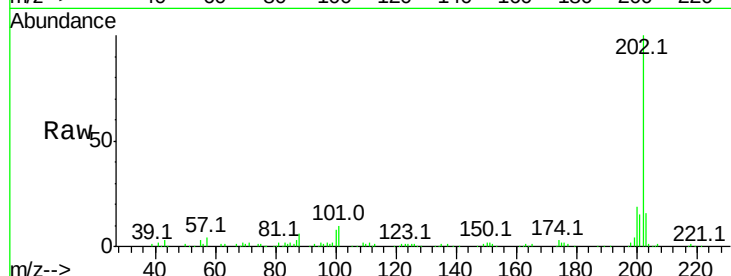
Tot Ion:202 Resp: 76654

Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.1

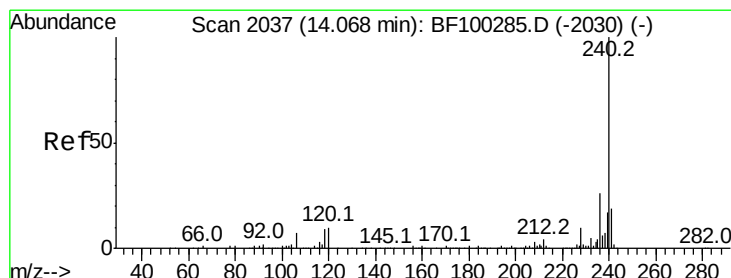
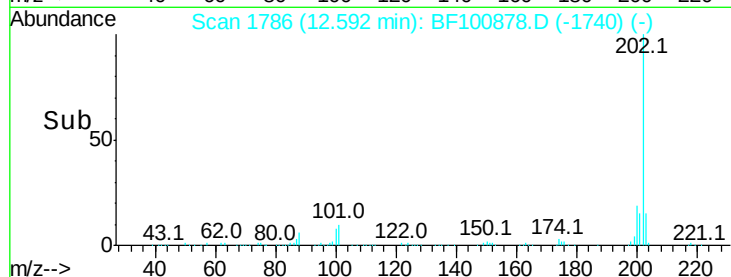
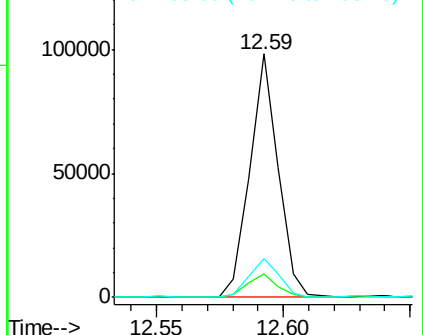
203 15.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

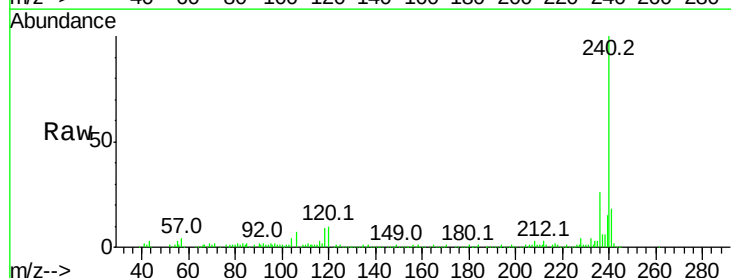
Tgt Ion:240 Resp: 142585

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

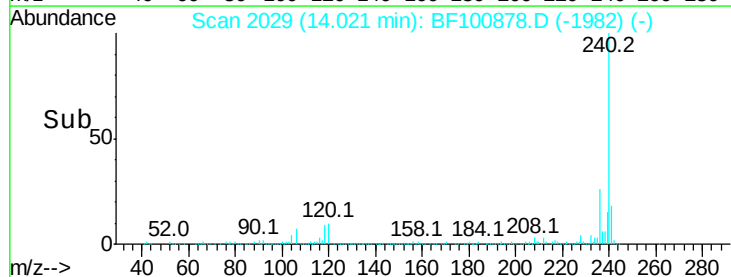
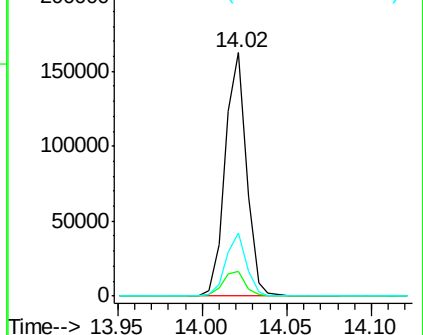
236 25.7 20.7 31.1

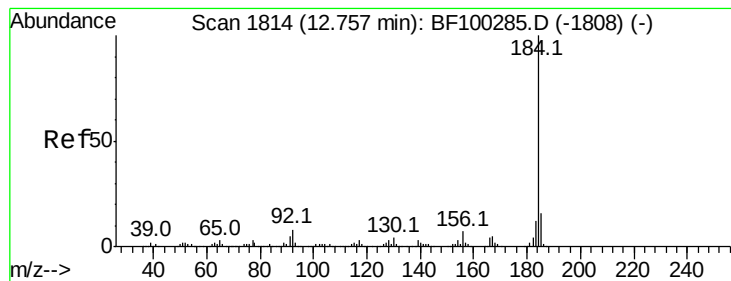


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.193 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.22 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :

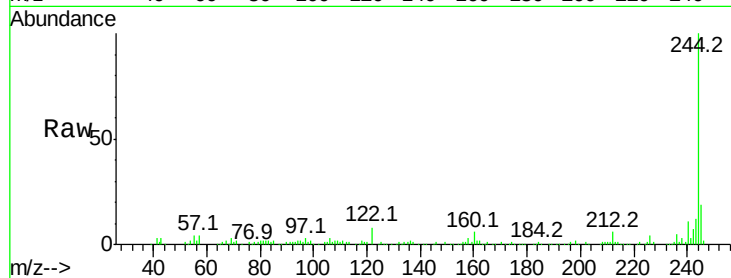
Tot Ion:184 Resp: 1100

Ion Ratio Lower Upper

184 100

185 23.4 12.6 18.8#

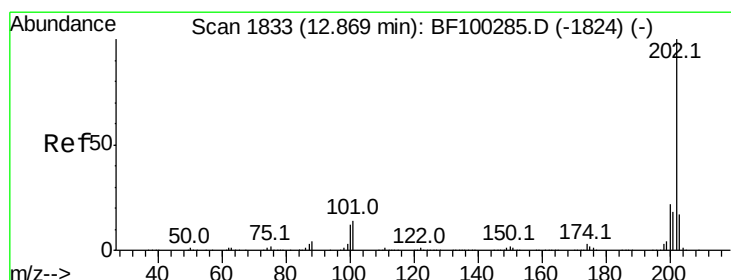
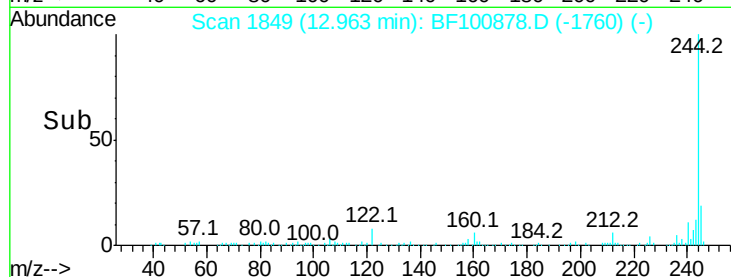
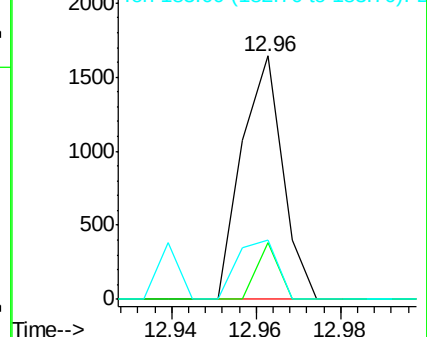
183 24.3 9.3 13.9#



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: 6.446 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

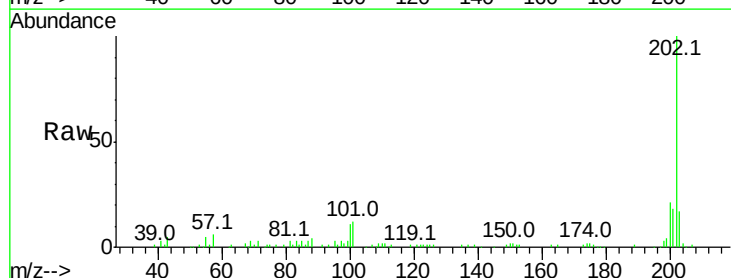
Tgt Ion:202 Resp: 65516

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

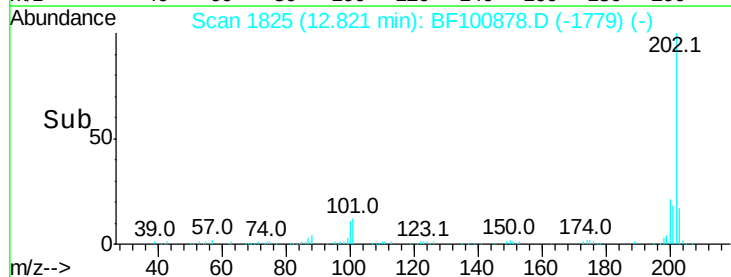
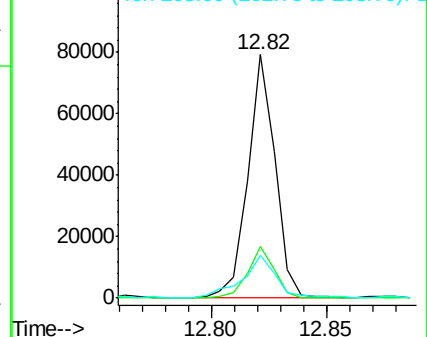
203 17.4 14.3 21.5

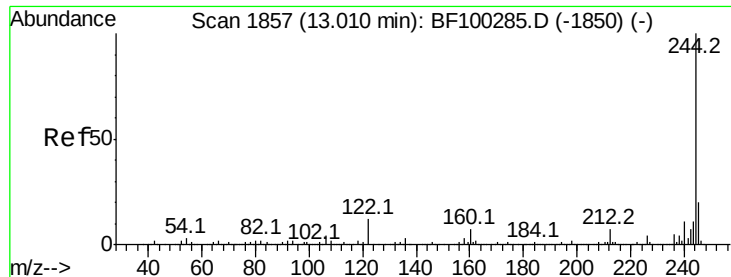


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

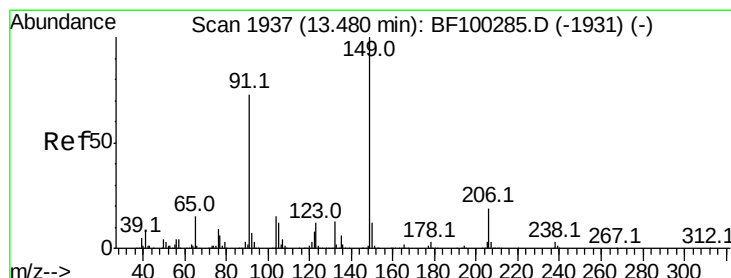
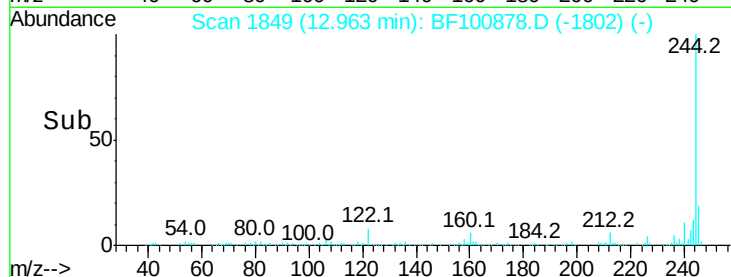
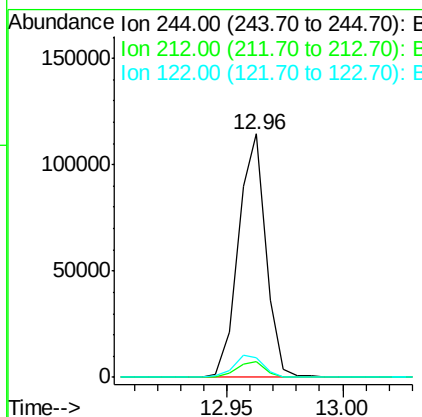
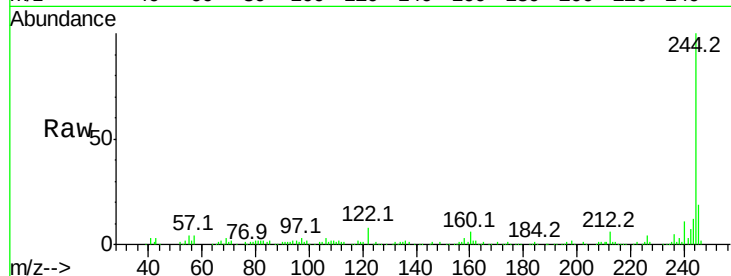




#78
 Terphenyl-d14
 Concen: 15.251 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

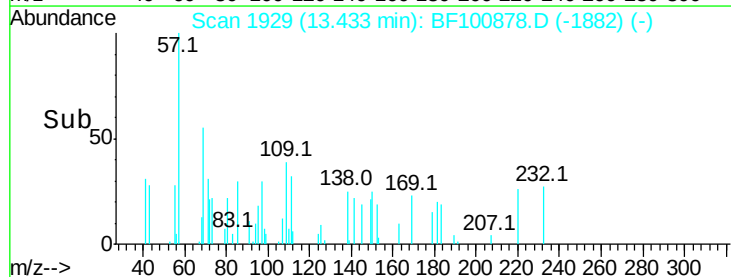
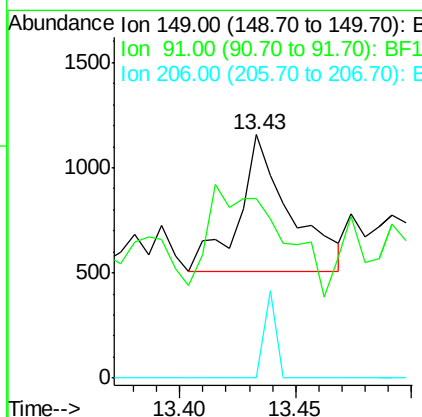
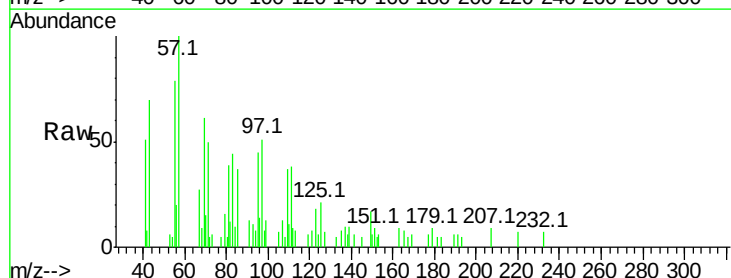
Instrument :
 BNA_F
 ClientSampleId :

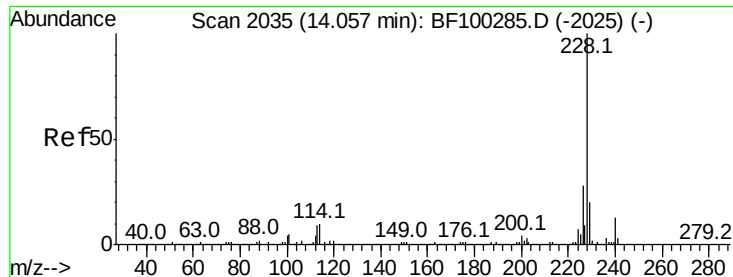
Tot Ion:244 Resp: 94638
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 8.1 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 0.244 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BF100878.D
 Acq: 23 Nov 2017 16:24

Tgt Ion:149 Resp: 1010
 Ion Ratio Lower Upper
 149 100
 91 73.7 56.8 85.2
 206 0.0 14.1 21.1#

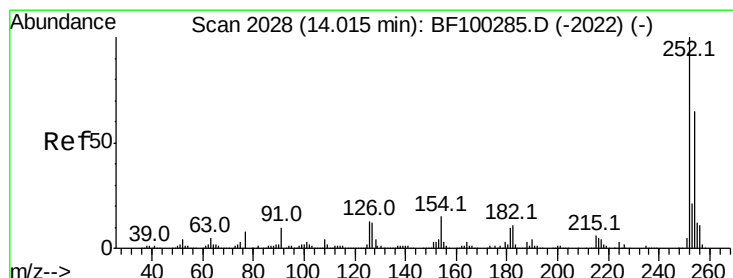
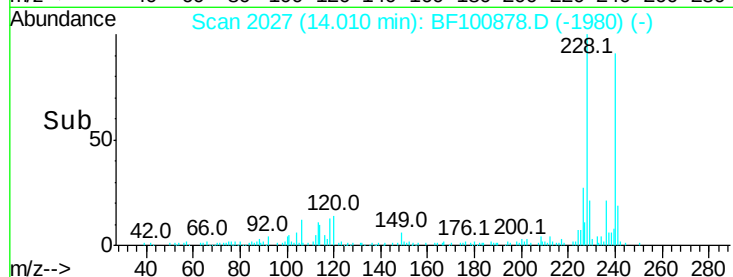
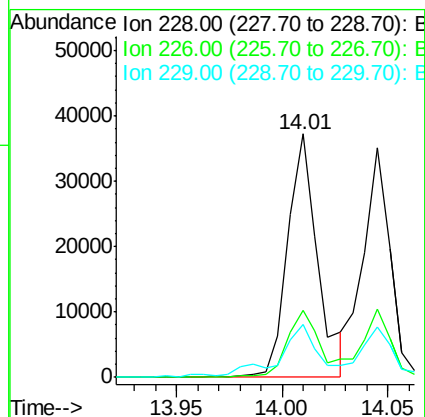
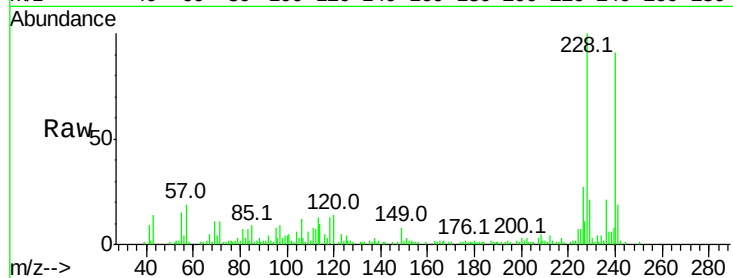




#80
Benzo(a)anthracene
Concen: 4.321 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

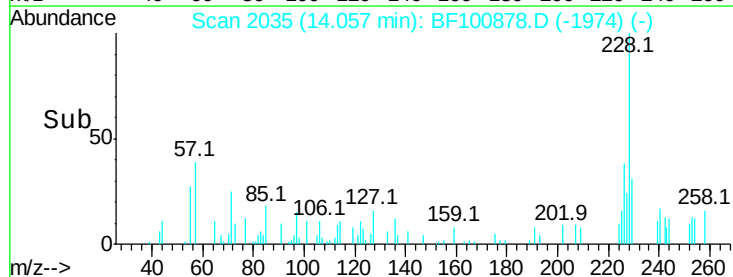
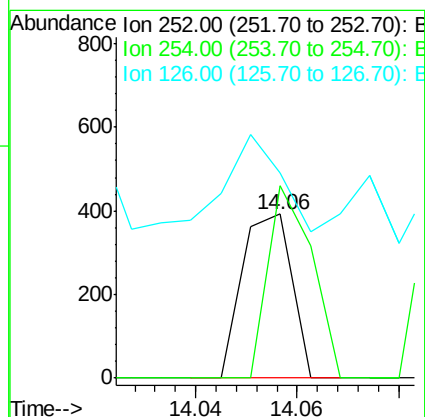
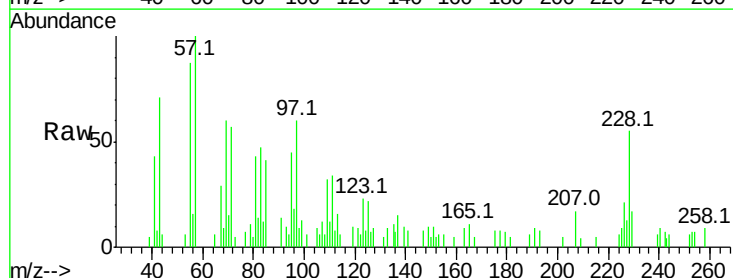
Instrument :
BNA_F
ClientSampled :

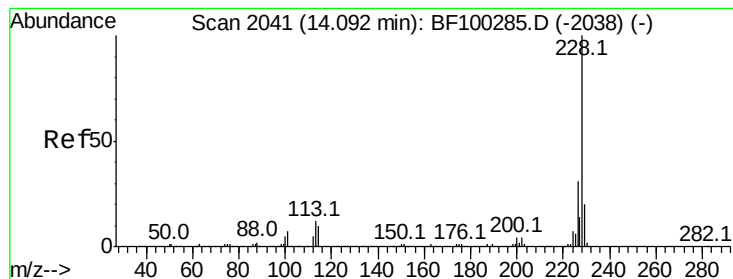
Tot Ion:228 Resp: 37104
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 21.5 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 0.086 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.06 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion:252 Resp: 266
Ion Ratio Lower Upper
252 100
254 117.3 50.4 75.6#
126 125.5 11.3 16.9#





#82

Chrysene

Concen: 3.789 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampled :

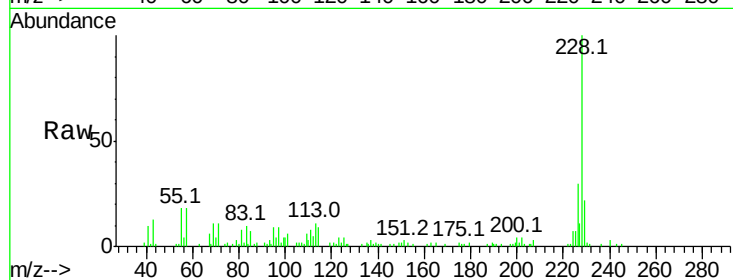
Tot Ion:228 Resp: 31503

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

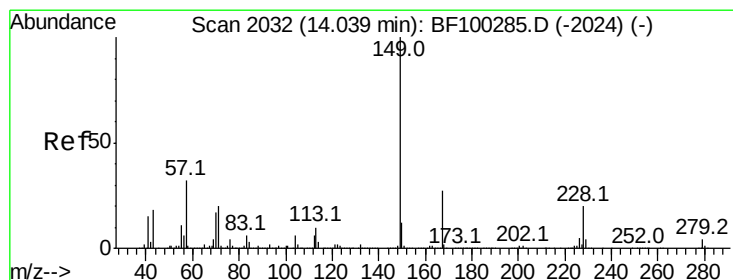
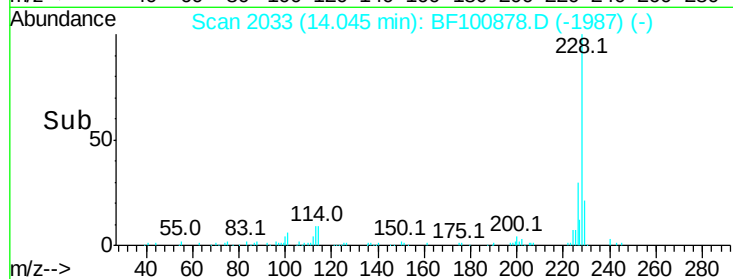
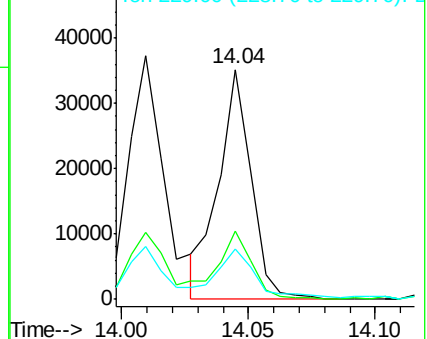
229 21.9 16.2 24.4



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: 34.214 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

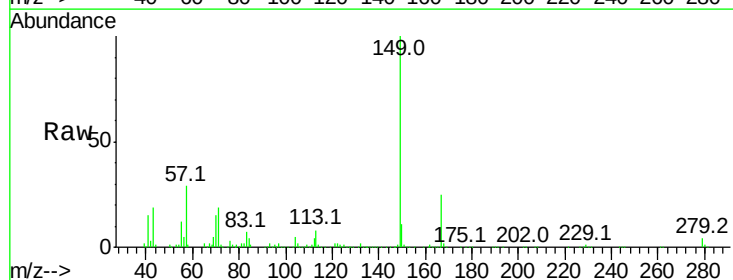
Tgt Ion:149 Resp: 186527

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

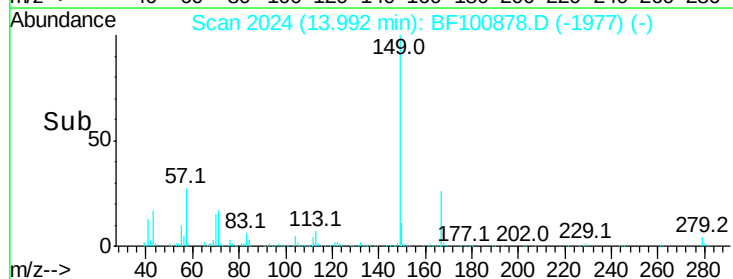
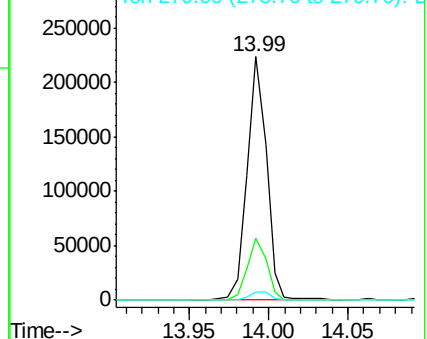
279 3.5 3.0 4.4

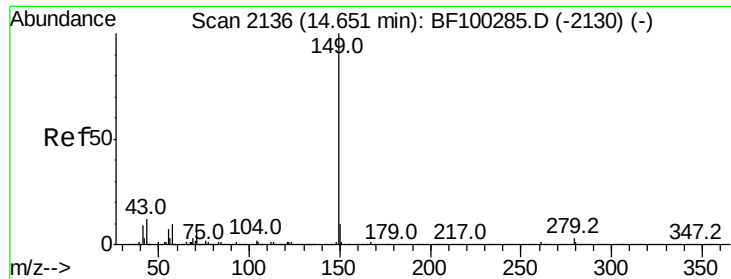


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

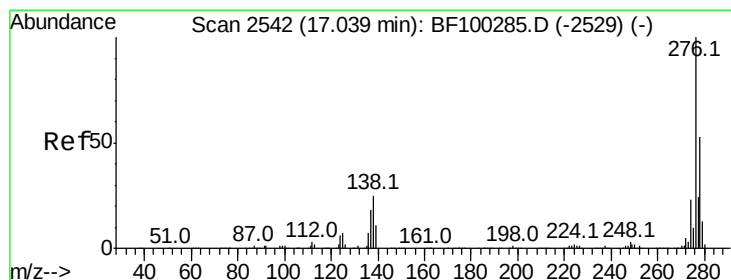
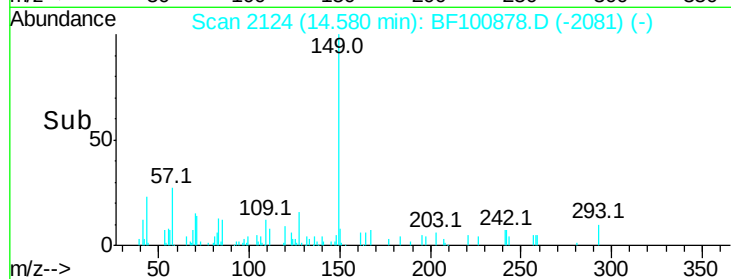
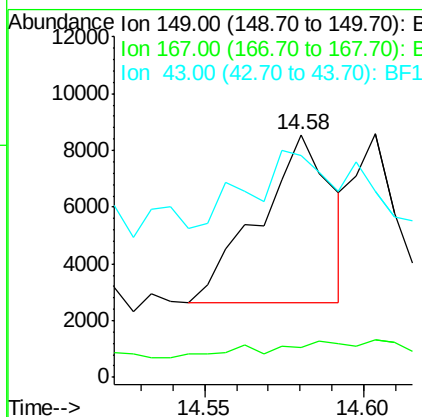
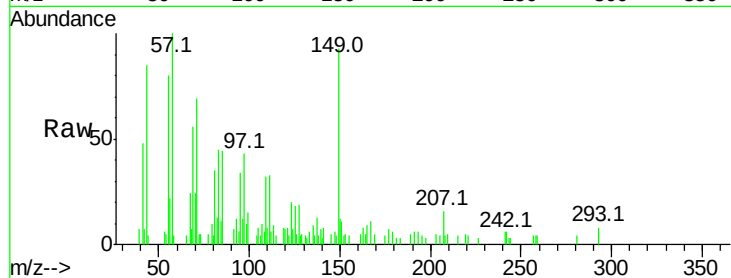




#84
Di-n-octyl phthalate
Concen: 1.004 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.05 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

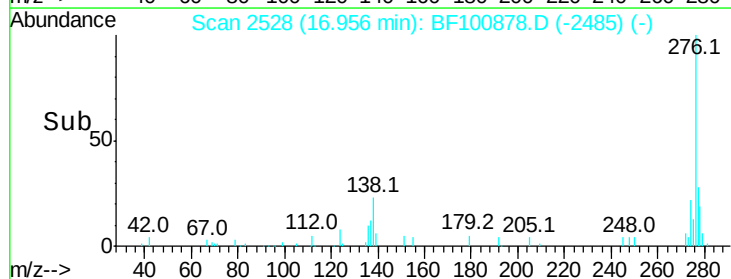
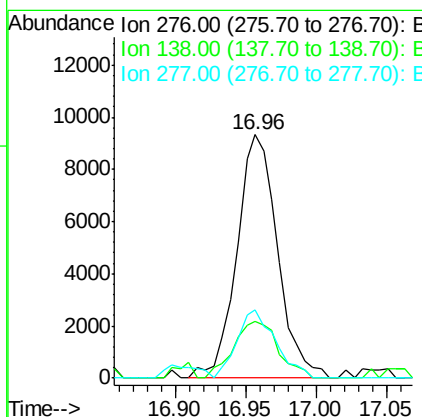
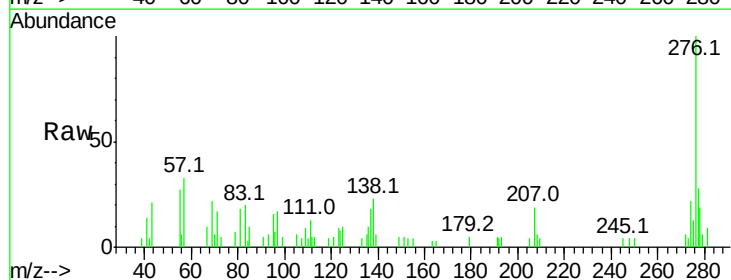
Instrument :
BNA_F
ClientSampled :

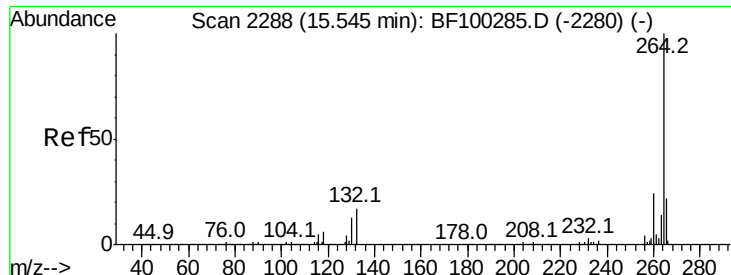
Tot Ion:149 Resp: 9402
Ion Ratio Lower Upper
149 100
167 5.3 1.2 1.8#
43 63.5 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.799 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.05 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion:276 Resp: 18826
Ion Ratio Lower Upper
276 100
138 25.8 25.0 37.6
277 26.5 20.1 30.1

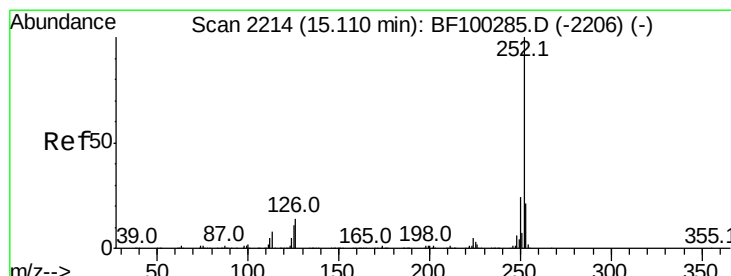
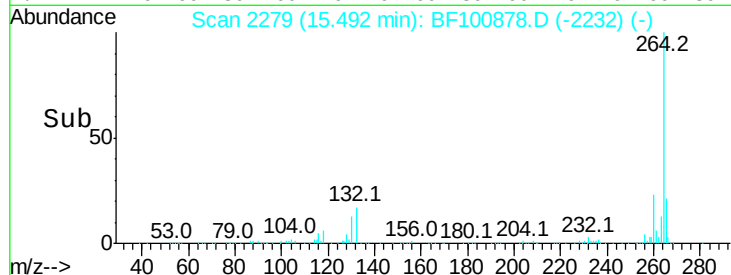
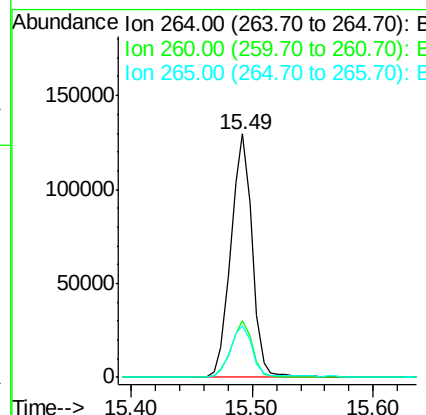
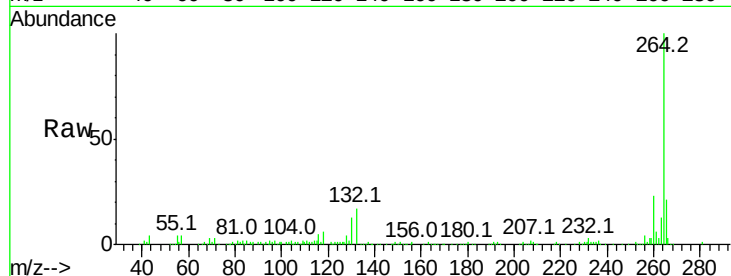




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

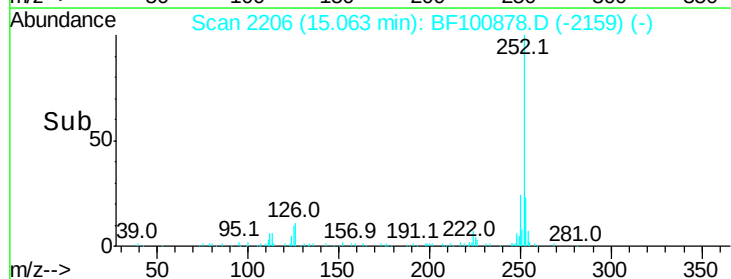
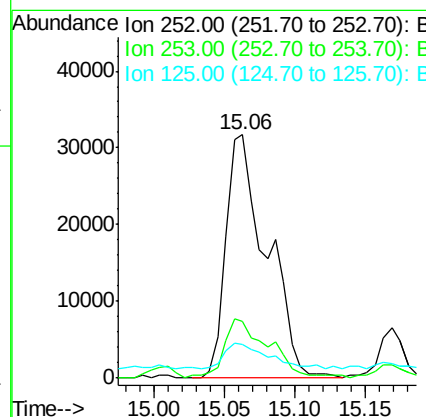
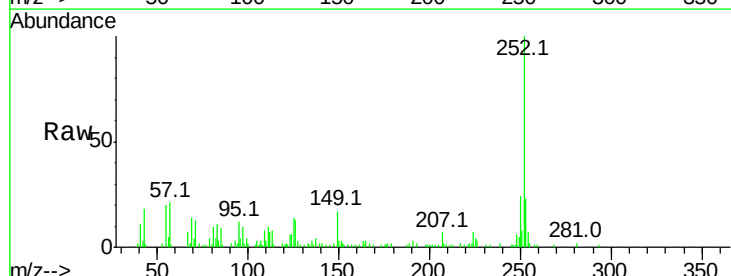
Instrument :
BNA_F
ClientSampleId :

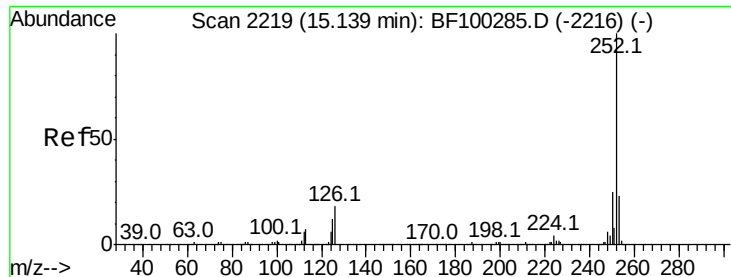
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 6.801 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	14.0	9.0	13.6

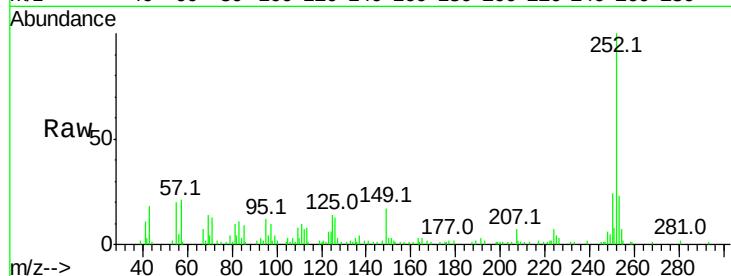




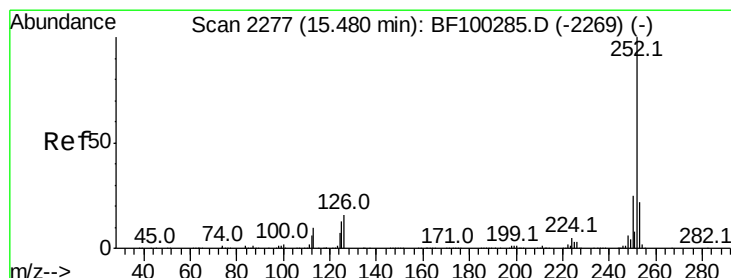
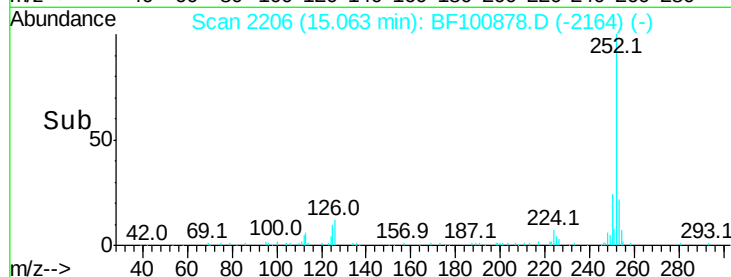
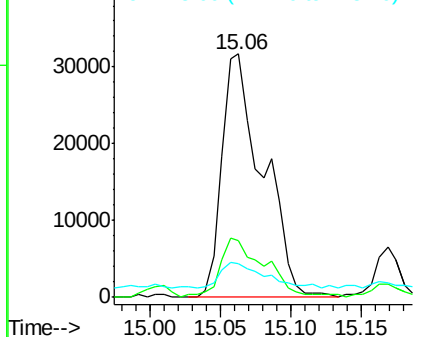
#88
Benzo(k)fluoranthene
Concen: 7.197 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.0	10.2	15.2

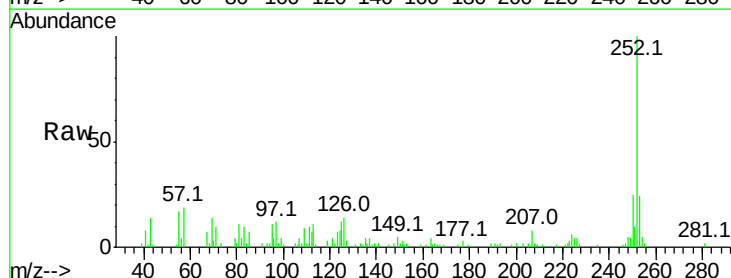


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

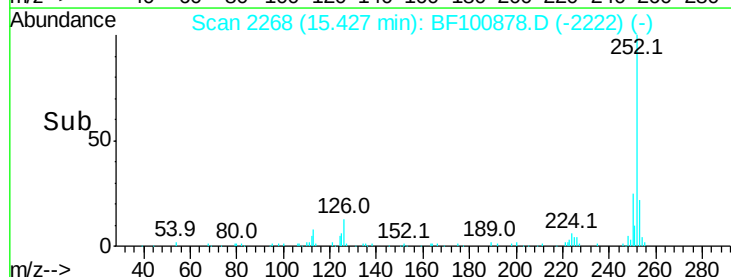
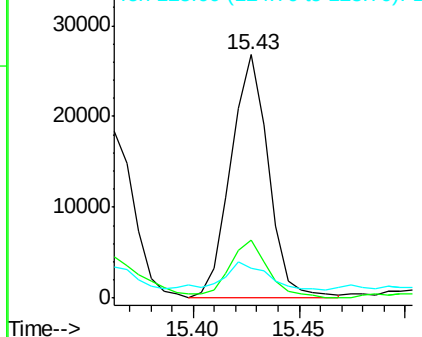


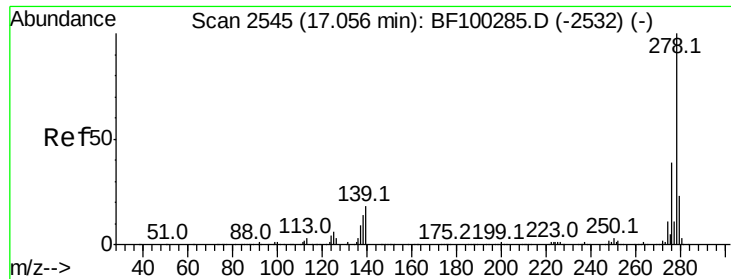
#89
Benzo(a)pyrene
Concen: 3.979 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100878.D
Acq: 23 Nov 2017 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	12.2	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





#90

Dibenzo(a,h)anthracene

Concen: 0.801 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.05 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

Instrument :

BNA_F

ClientSampleId :

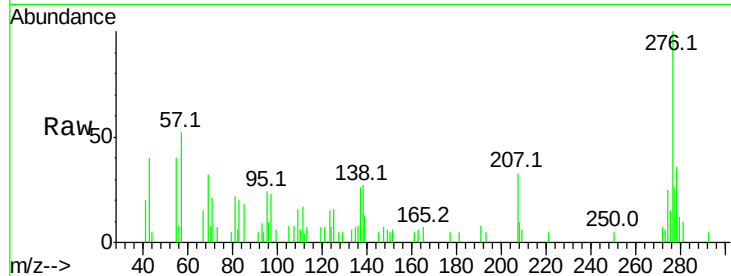
Tot Ion:278 Resp: 5459

Ion Ratio Lower Upper

278 100

139 36.1 15.9 23.9#

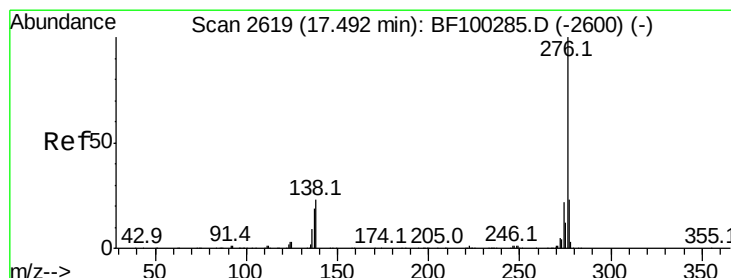
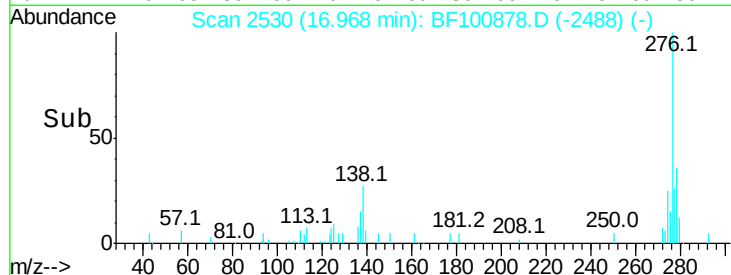
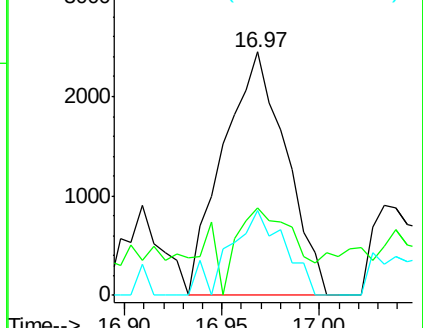
279 34.7 19.0 28.4#



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



#91

Benzo(g,h,i)perylene

Concen: 2.380 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.05 min

Lab File: BF100878.D

Acq: 23 Nov 2017 16:24

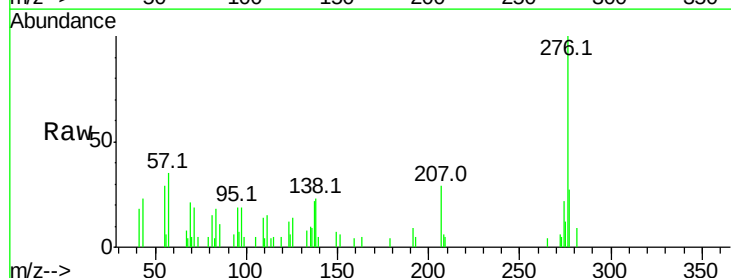
Tgt Ion:276 Resp: 15880

Ion Ratio Lower Upper

276 100

277 26.8 17.9 26.9

138 23.3 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

