

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100848.D
 Acq On : 23 Nov 2017 2:34
 Operator : SJ/JU
 Sample : I6548-02 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:44:54 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	69360	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	261089	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	116250	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	200681	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	135649	20.00	ng	-0.02
86) Perylene-d12	15.50	264	148981	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	22967	5.31	ng	-0.02
7) Phenol-d6	6.48	99	27154	5.09	ng	-0.03
23) Nitrobenzene-d5	7.42	82	15465	3.92	ng	-0.04
41) 2,4,6-Tribromophenol	10.69	330	5716	4.83	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	33111	4.34	ng	-0.02
78) Terphenyl-d14	12.96	244	22188	3.76	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	142	0.067	ng	# 20
9) Benzaldehyde	6.62	77	348	0.091	ng	# 78
10) Phenol	6.50	94	1016	0.181	ng	# 64
15) Benzyl Alcohol	7.01	79	289	0.069	ng	# 45
17) 2-Methylphenol	7.26	107	132	0.034	ng	# 11
19) n-Nitroso-di-n-propylamine	7.42	70	1797	0.486	ng	# 84
20) 3+4-Methylphenols	7.26	107	132	0.027	ng	# 20
25) Isophorone	7.42	82	15465	1.864	ng	# 64
31) Naphthalene	8.16	128	13682	1.088	ng	# 95
33) 4-Chloroaniline	8.16	127	1683	0.322	ng	# 35
37) 2-Methylnaphthalene	8.85	142	4160	0.498	ng	# 97
45) 1,1'-Biphenyl	9.32	154	1297	0.129	ng	# 84
48) Acenaphthylene	9.76	152	6855	0.567	ng	# 98
49) Dimethylphthalate	9.61	163	2665	0.300	ng	# 77
50) 2,6-Dinitrotoluene	9.90	165	15145	8.620	ng	# 24
51) Acenaphthene	9.93	154	10682	1.453	ng	# 90
52) 3-Nitroaniline	10.10	138	108	0.052	ng	# 2
54) Dibenzofuran	10.10	168	10597	1.028	ng	# 98
55) 4-Nitrophenol	10.10	139	3612	2.144	ng	# 9
56) 2,4-Dinitrotoluene	9.90	165	15145	6.833	ng	# 21
57) Fluorene	10.45	166	11829	1.567	ng	# 93
59) Diethylphthalate	10.30	149	4392	0.494	ng	# 93
62) Azobenzene	10.68	77	131	0.016	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	149	0.021	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	191	0.089	ng	# 1
70) Phenanthrene	11.41	178	187255	17.722	ng	# 98
71) Anthracene	11.46	178	34972	3.262	ng	# 97
72) Carbazole	11.62	167	12591	1.273	ng	# 99
73) Di-n-butylphthalate	11.94	149	1809	0.156	ng	# 66
74) Fluoranthene	12.60	202	181118	16.174	ng	# 94
76) Benzdine	12.96	184	118	0.022	ng	# 66
77) Pvrene	12.83	202	168348	17.410	ng	# 98
79) Butylbenzylphthalate	13.44	149	527	0.134	ng	# 23
80) Benzo(a)anthracene	14.02	228	72163	8.834	ng	# 97

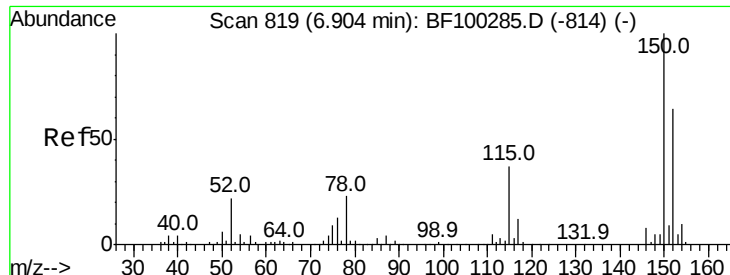
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100848.D
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Quant Time: Nov 23 23:44:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) 3,3'-Dichlorobenzidine	14.06	252	632	0.216	nq	# 38
82) Chrysene	14.05	228	68134	8.613	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1428	0.275	nq	# 76
84) Di-n-octyl phthalate	14.60	149	1071	0.120	nq	# 4
85) Indeno(1,2,3-cd)pyrene	16.96	276	32056	5.010	nq	# 90
87) Benzo(b)fluoranthene	15.06	252	107214	12.147	nq	94
88) Benzo(k)fluoranthene	15.06	252	107214	12.856	nq	95
89) Benzo(a)pyrene	15.43	252	62527	7.991	nq	98
90) Dibenzo(a,h)anthracene	16.97	278	8862	1.385	nq	99
91) Benzo(a,h,i)perylene	17.41	276	29905	4.774	nq	95

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

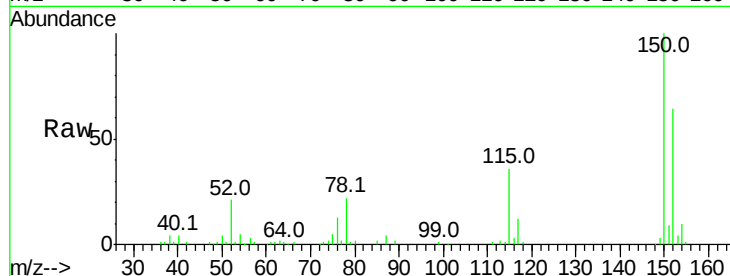


#1

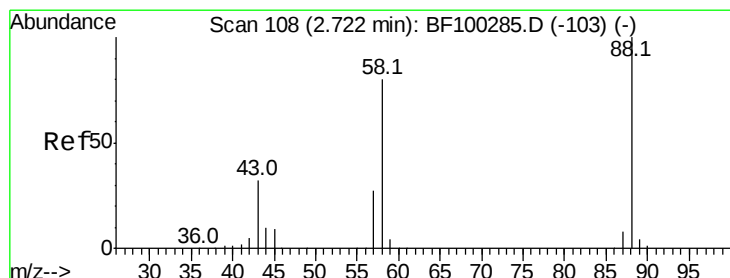
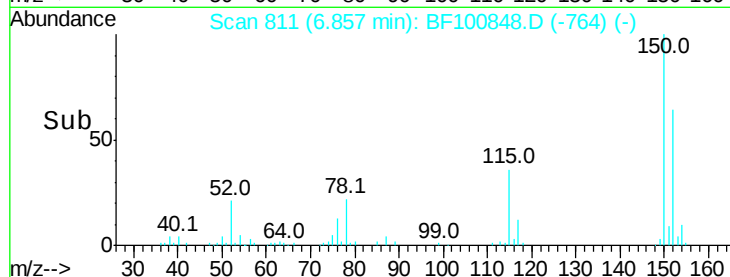
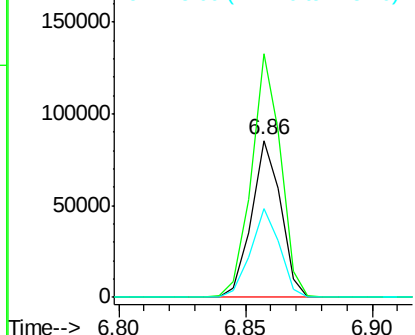
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69360
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 56.6 50.1 75.1



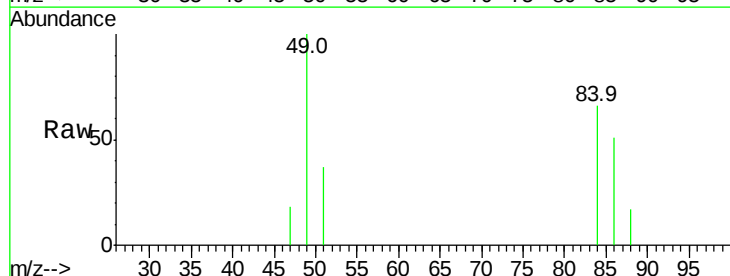
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



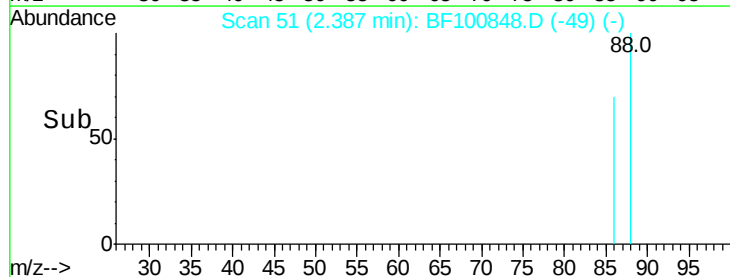
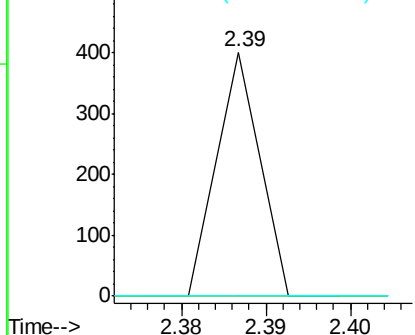
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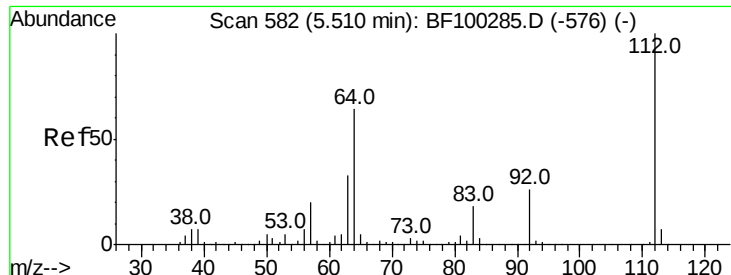
1,4-Dioxane
Concen: 0.067 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.29 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion: 88 Resp: 142
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 5.308 ng

RT: 5.47 min Scan# 575

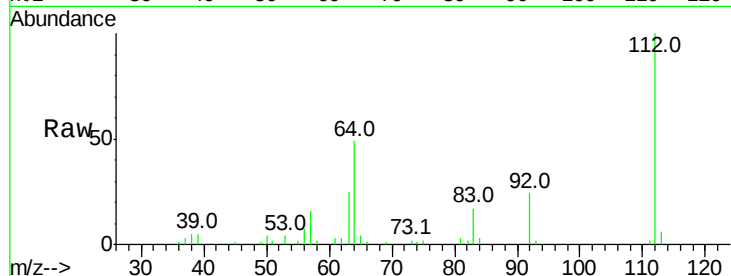
Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

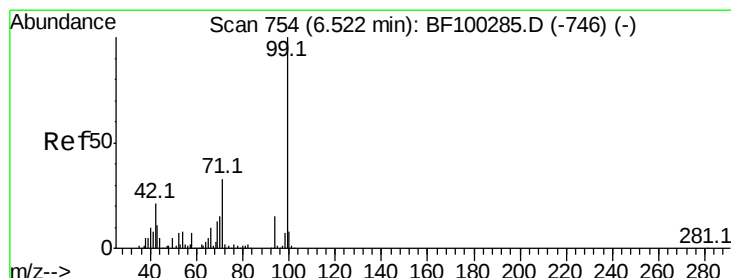
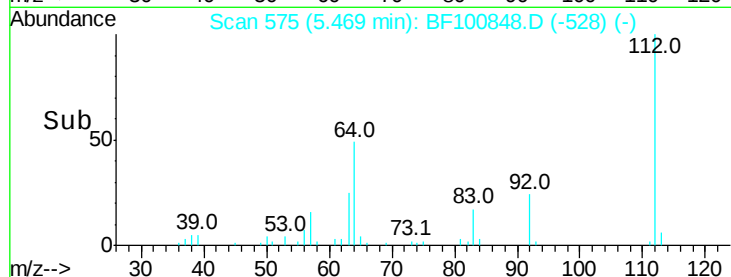
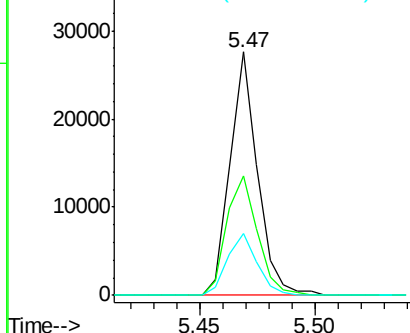
Tot Ion:	112	Resp:	22967
Ion	Ratio	Lower	Upper
112	100		
64	49.0	47.9	71.9
63	25.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 5.089 ng

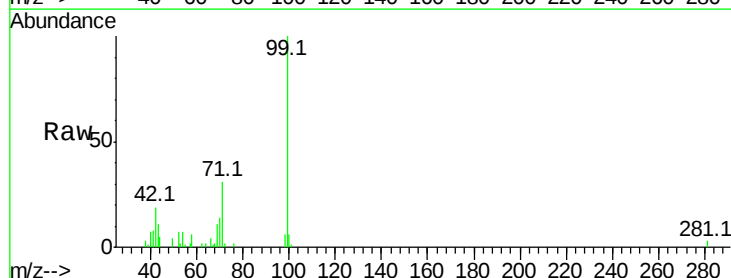
RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

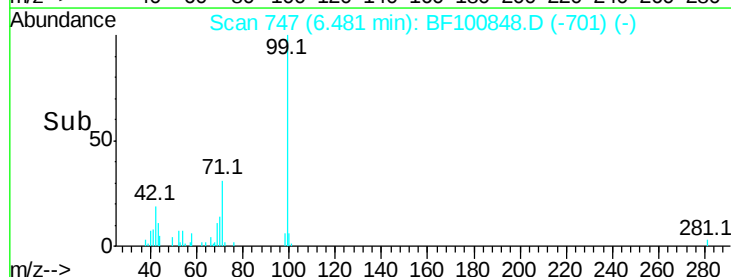
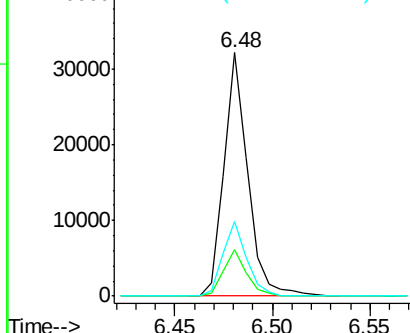
Tgt Ion:	99	Resp:	27154
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	30.7	25.4	38.0

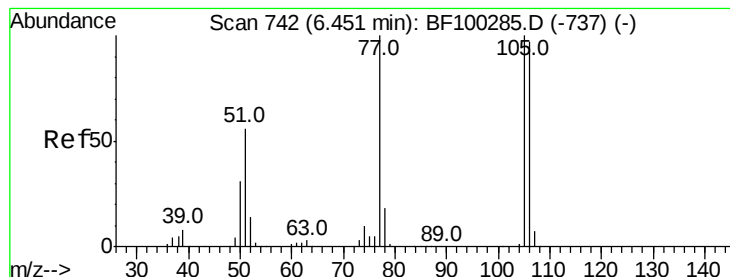


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 0.091 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.19 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

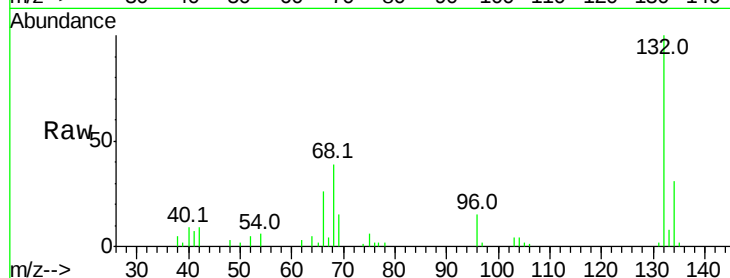
Tot Ion: 77 Resp: 348

Ion Ratio Lower Upper

77 100

105 112.6 81.1 121.1

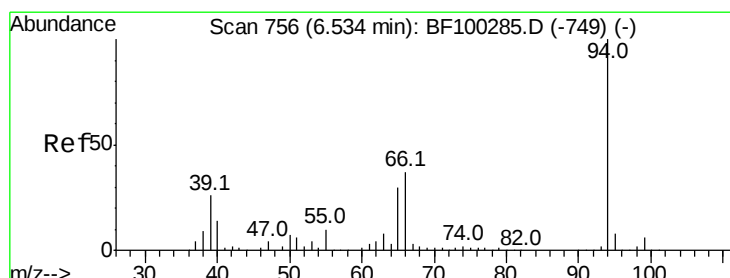
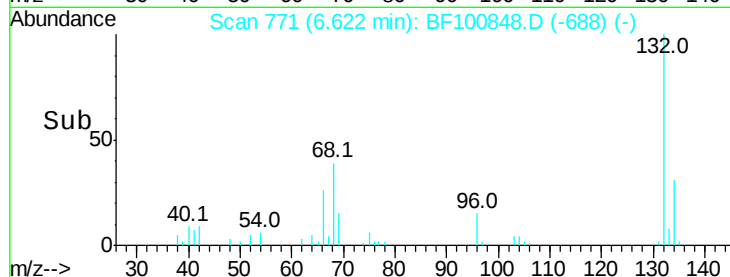
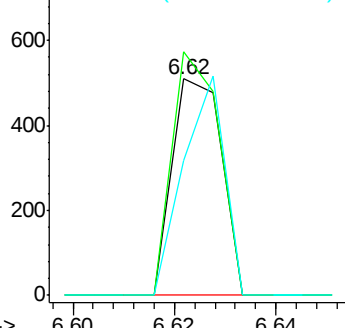
106 62.1 74.5 114.5#



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: 0.181 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

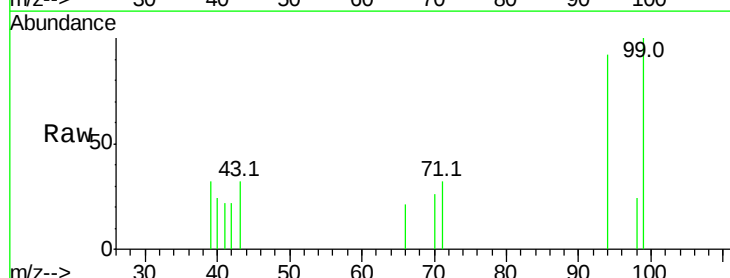
Tgt Ion: 94 Resp: 1016

Ion Ratio Lower Upper

94 100

65 0.0 7.9 47.9#

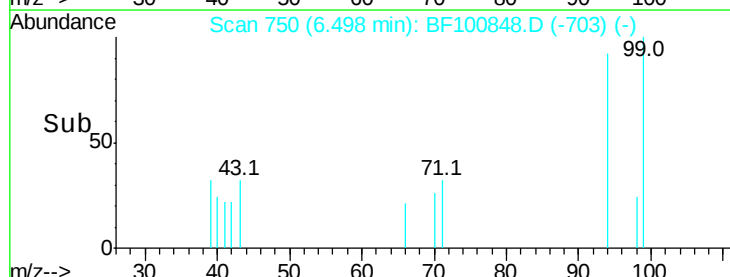
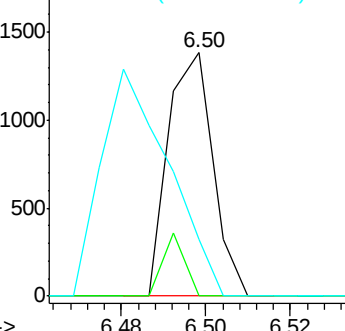
66 23.0 16.2 56.2

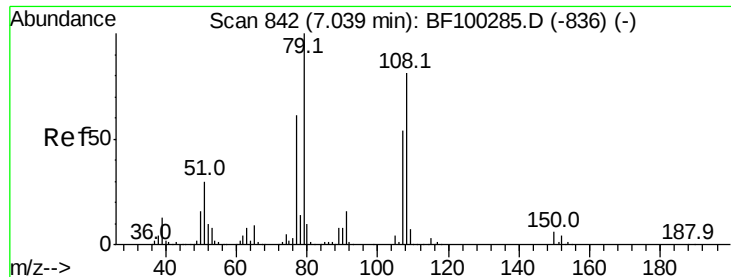


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 0.069 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

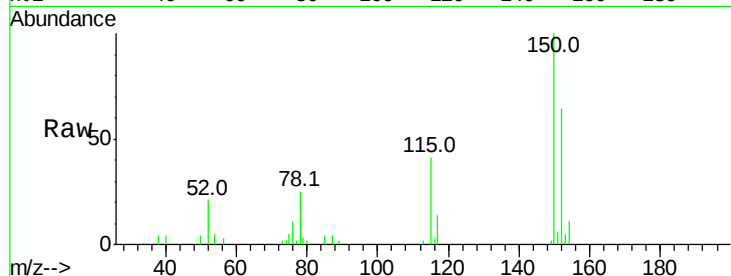
Tot Ion: 79 Resp: 289

Ion Ratio Lower Upper

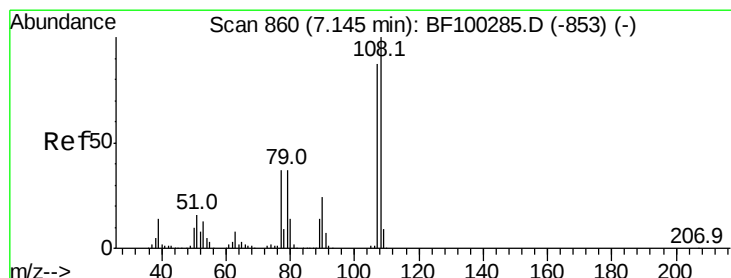
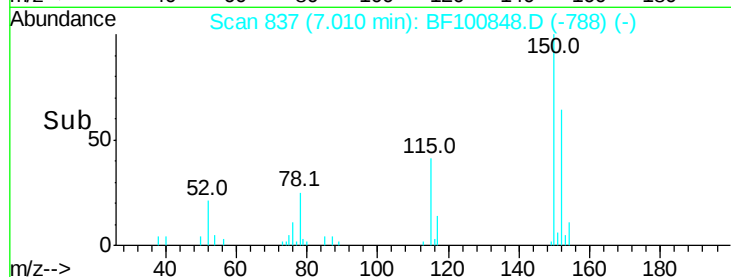
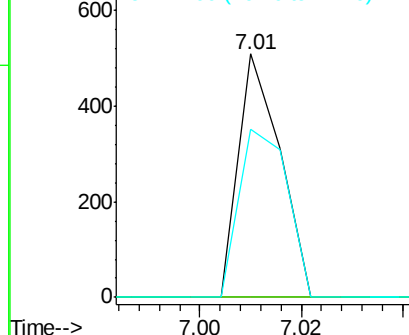
79 100

108 0.0 65.1 97.7#

77 69.0 50.6 75.8



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



#17

2-Methylphenol

Concen: 0.034 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Tgt Ion: 107 Resp: 132

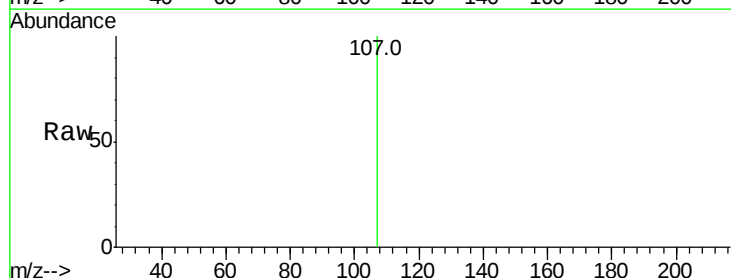
Ion Ratio Lower Upper

107 100

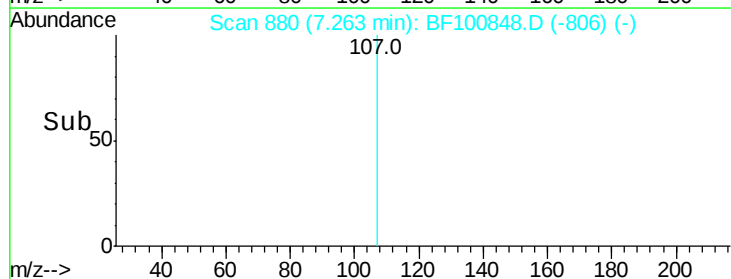
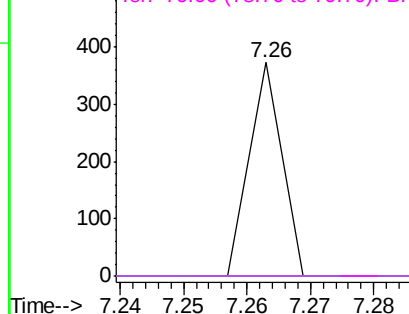
108 0.0 91.7 137.5#

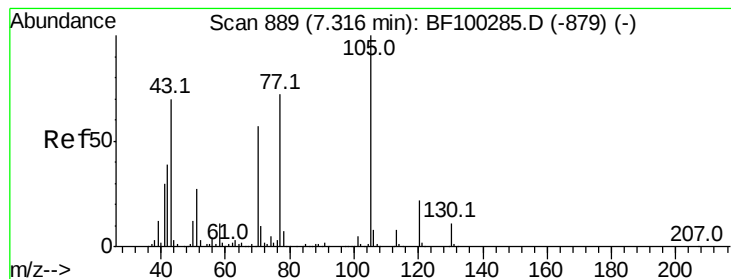
77 0.0 33.8 50.8#

79 0.0 33.8 50.8#



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 0.486 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.12 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 1797

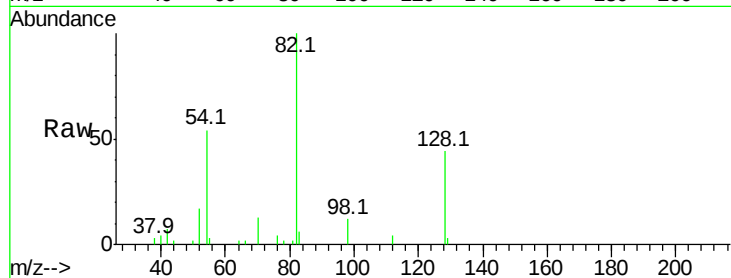
Ion Ratio Lower Upper

70 100

42 55.7 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

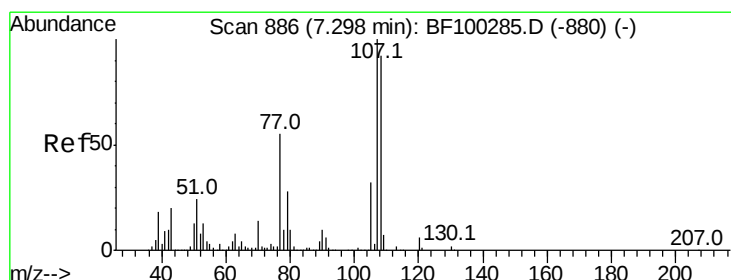
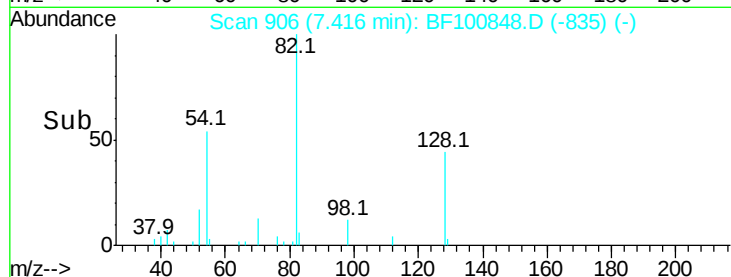
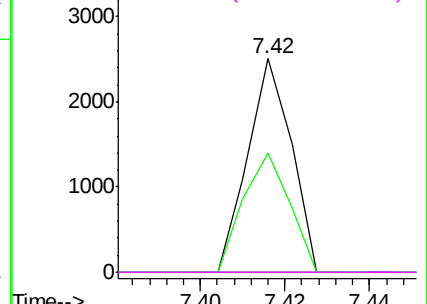


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#20

3+4-Methylphenols

Concen: 0.027 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Tgt Ion: 107 Resp: 132

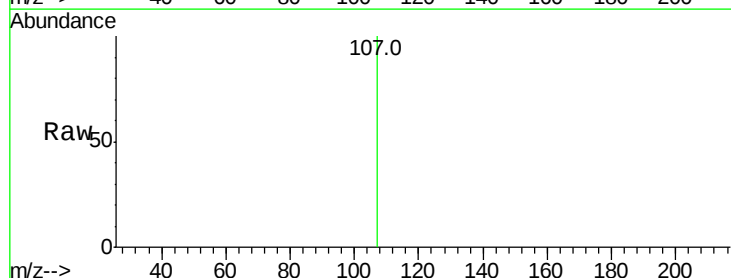
Ion Ratio Lower Upper

107 100

108 0.0 68.2 108.2#

77 0.0 26.7 66.7#

79 0.0 6.3 46.3#

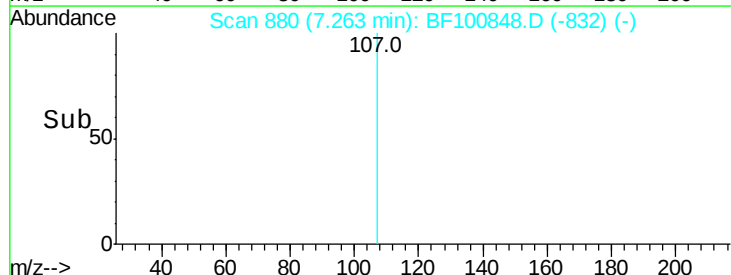
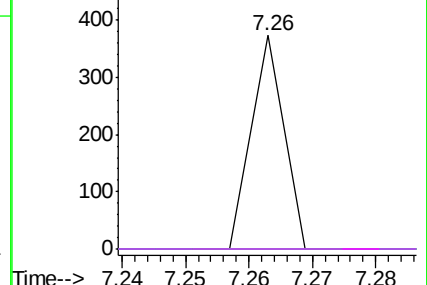


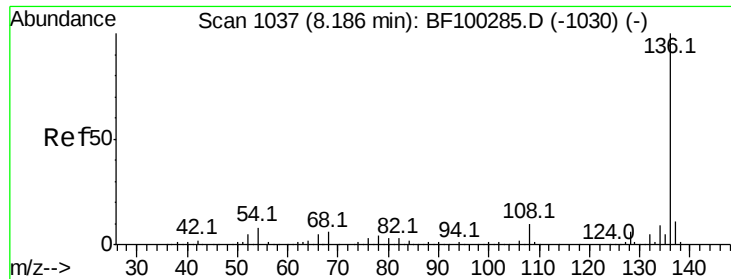
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

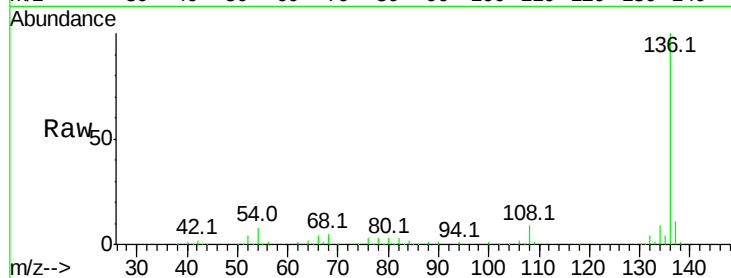




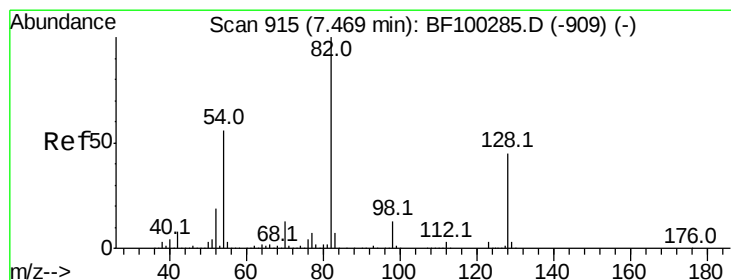
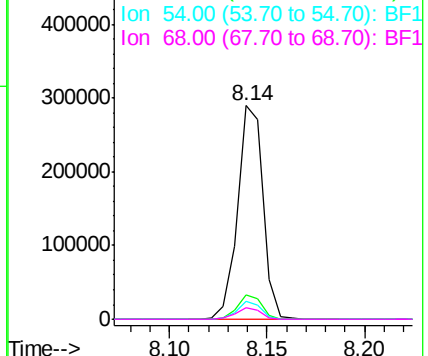
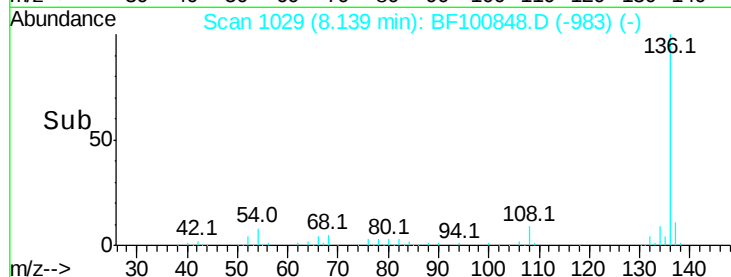
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	261089
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.4	6.6 9.8
68	5.5	5.0 7.4

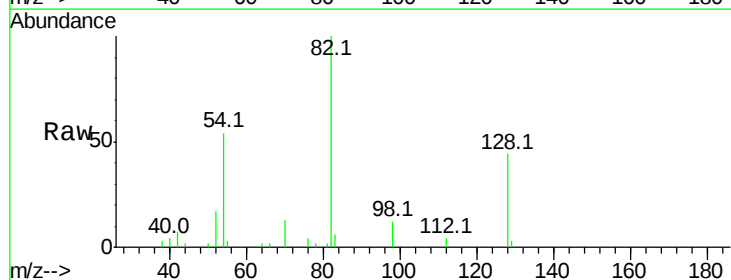


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

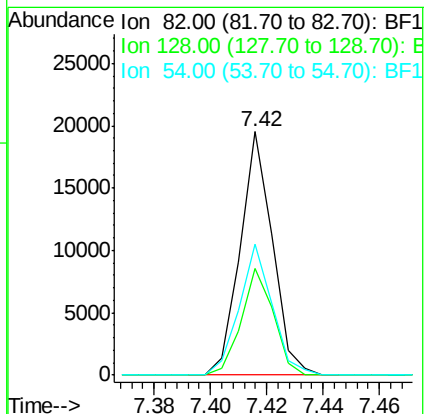
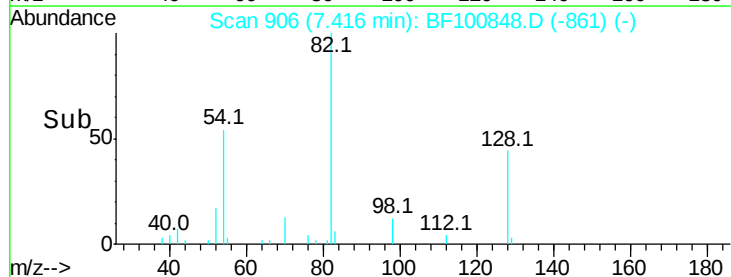


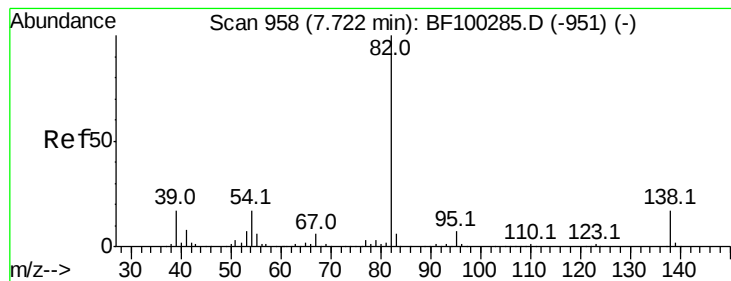
#23
Nitrobenzene-d5
Concen: 3.916 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.04 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion: 82	Resp:	15465
Ion Ratio	Lower	Upper
82	100	
128	43.8	36.1 54.1
54	53.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 1.864 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.29 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

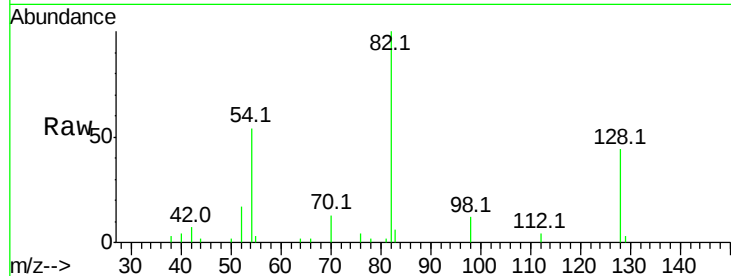
Tot Ion: 82 Resp: 15465

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

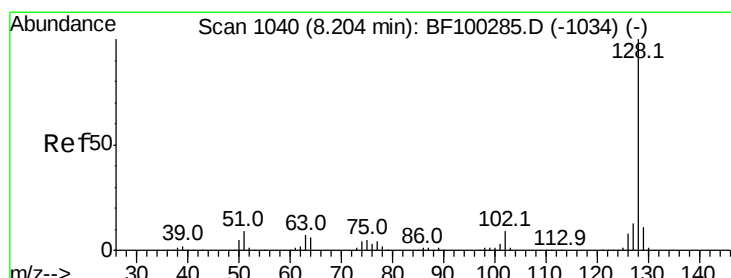
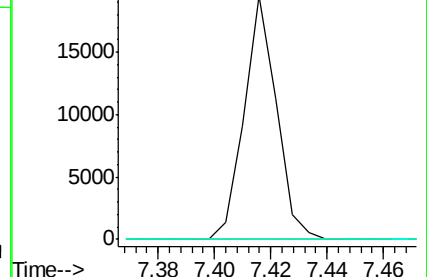
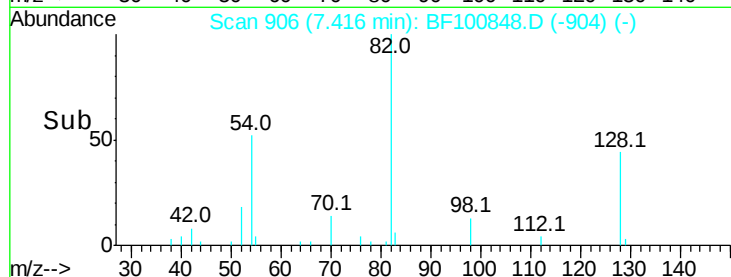
138 0.0 14.9 22.3#



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: 1.088 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

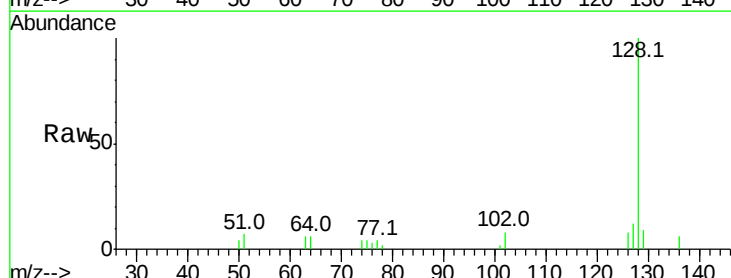
Tgt Ion:128 Resp: 13682

Ion Ratio Lower Upper

128 100

129 9.3 8.8 13.2

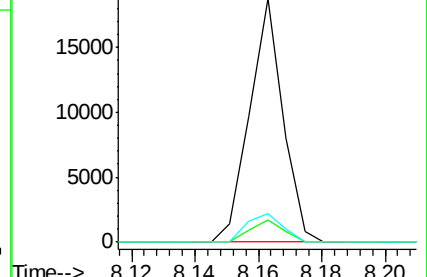
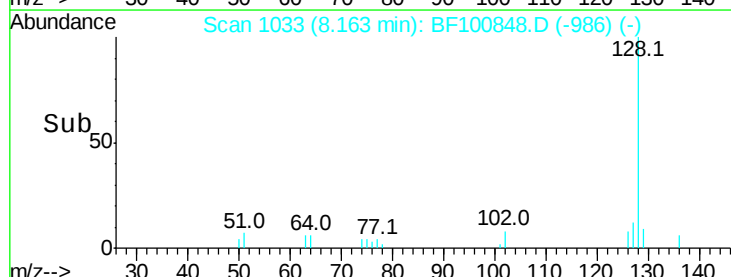
127 11.5 10.9 16.3

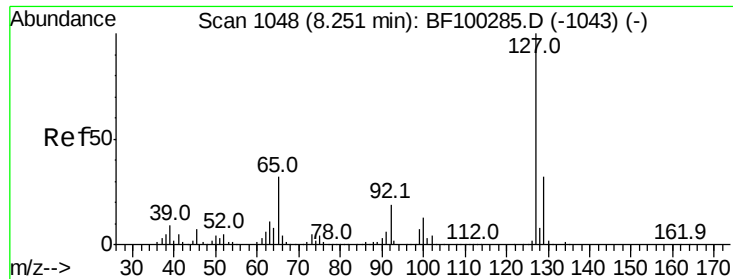


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

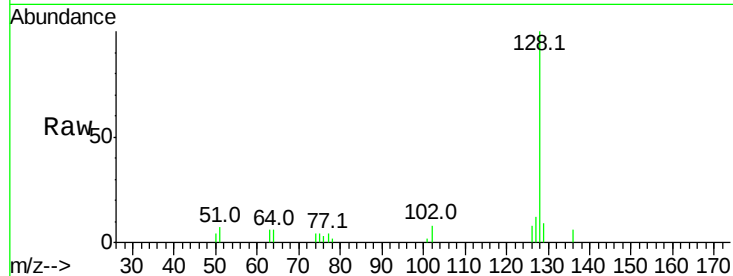




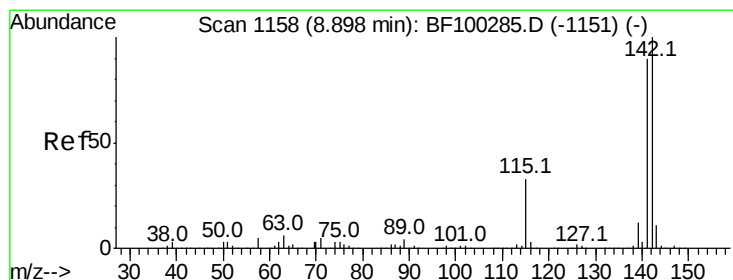
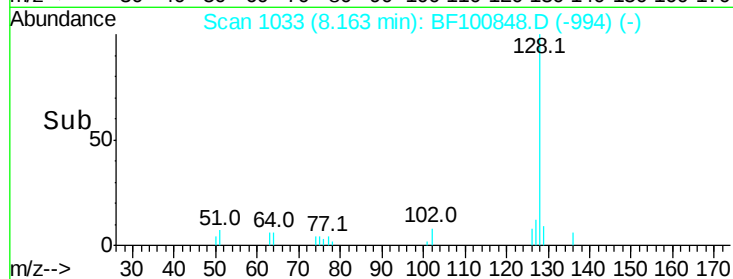
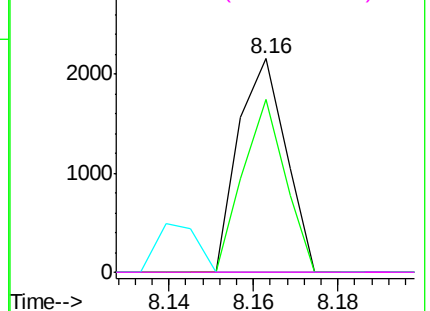
#33
4-Chloroaniline
Concen: 0.322 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1683
Ion	Ratio	Lower	Upper
127	100		
129	81.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

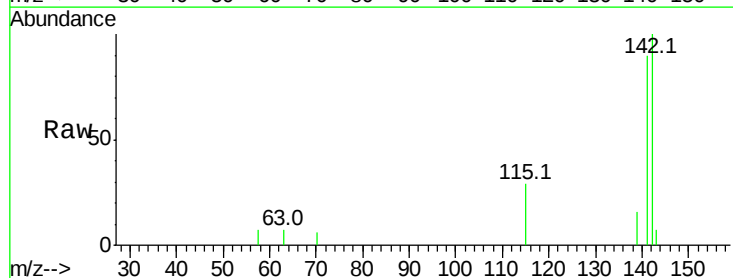


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

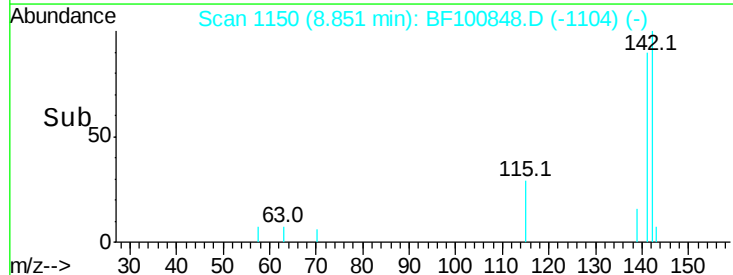
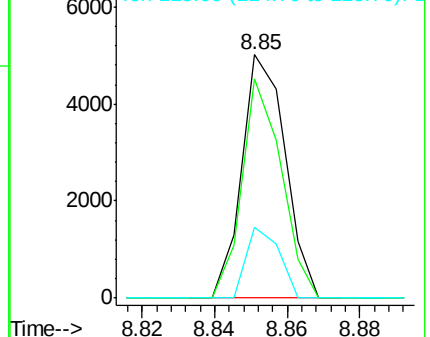


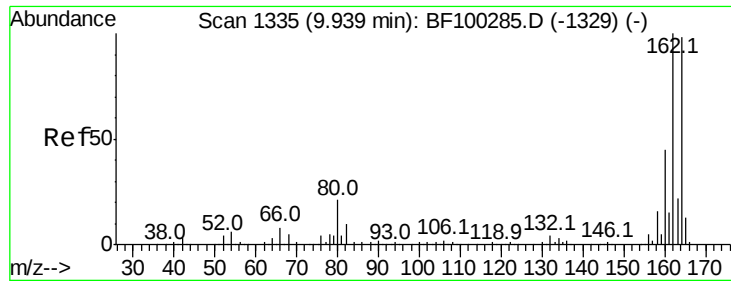
#37
2-Methylnaphthalene
Concen: 0.498 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion:	142	Resp:	4160
Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	29.3	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

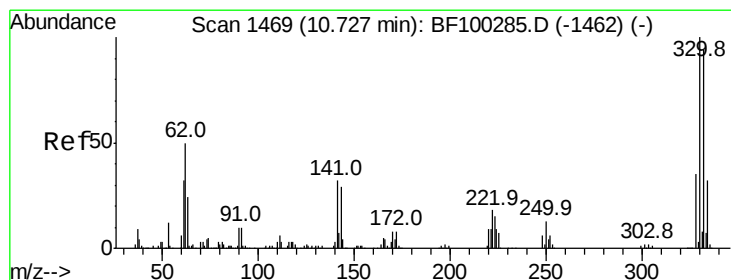
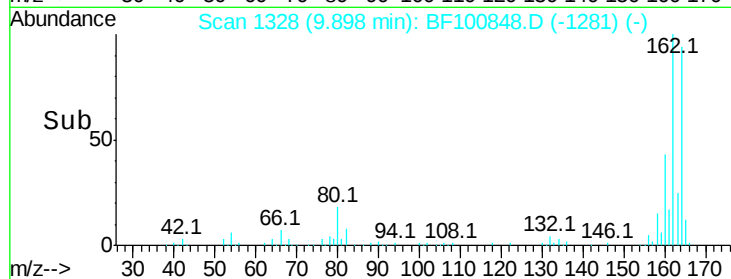
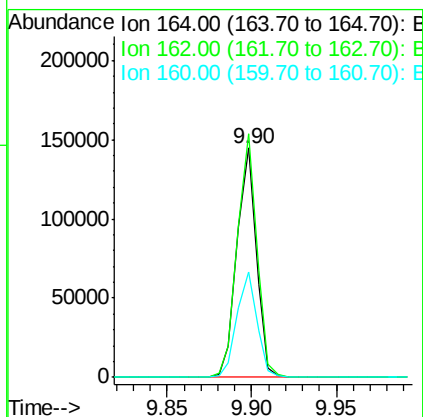
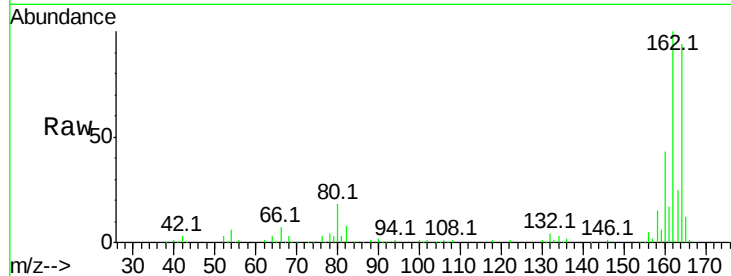




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

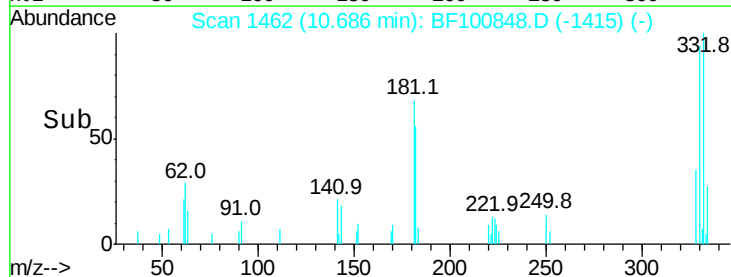
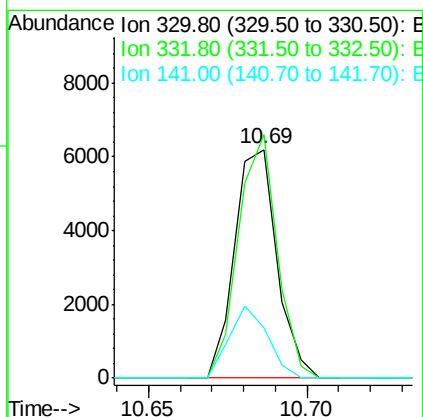
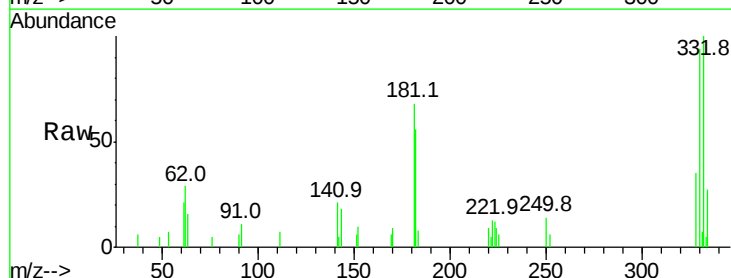
Instrument :
 BNA_F
 ClientSampleId :

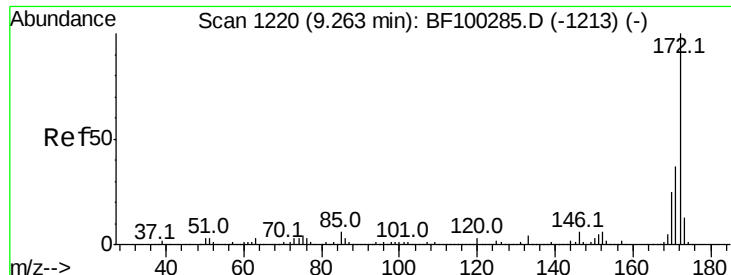
Tot Ion:164 Resp: 116250
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 4.825 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

Tgt Ion:330 Resp: 5716
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 28.3 29.9 44.9#

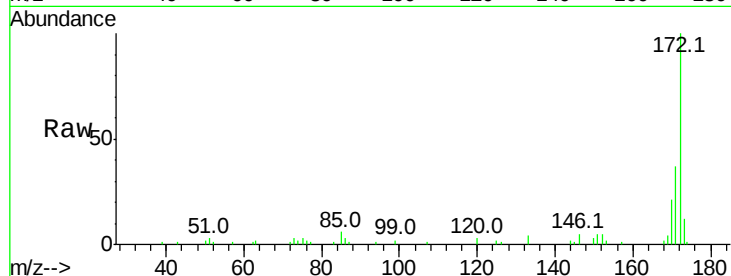




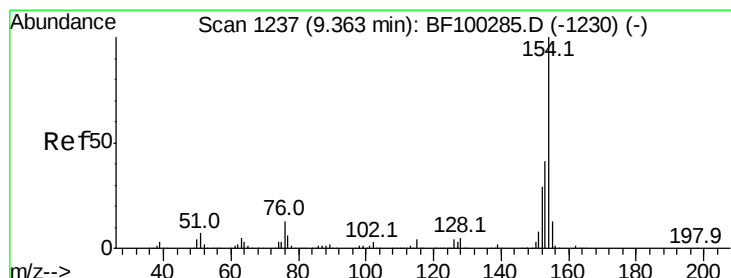
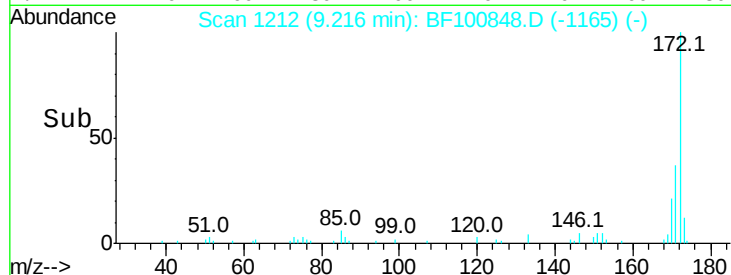
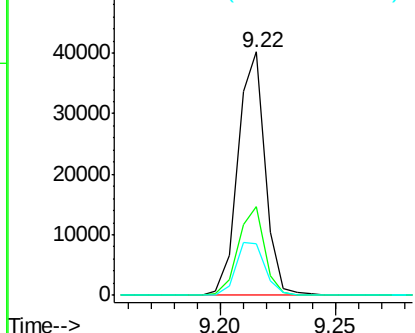
#44
2-Fluorobiphenyl
Concen: 4.337 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 33111
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 21.3 19.6 29.4

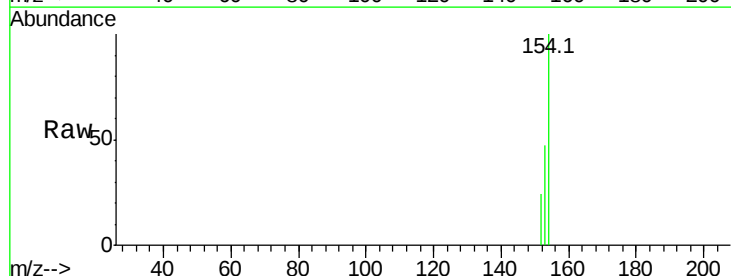


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

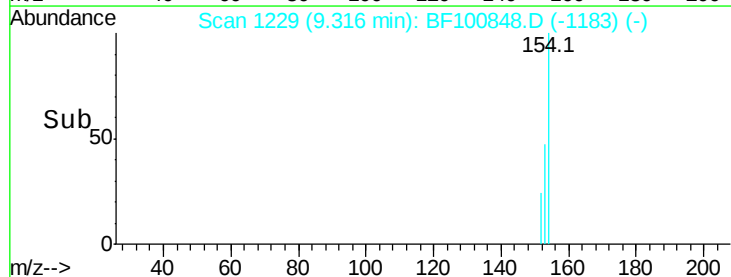
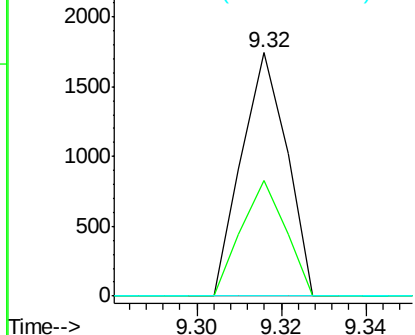


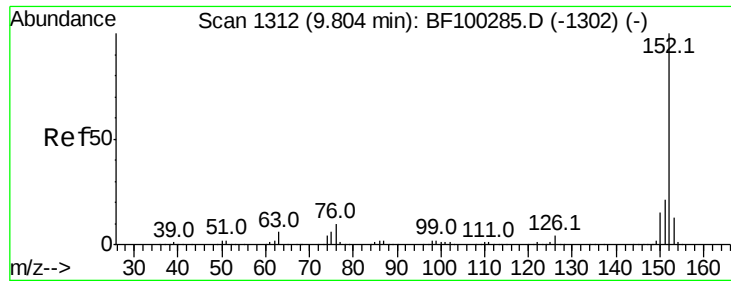
#45
1,1'-Biphenyl
Concen: 0.129 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.03 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion:154 Resp: 1297
Ion Ratio Lower Upper
154 100
153 47.5 21.3 61.3
76 0.0 0.0 34.0



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

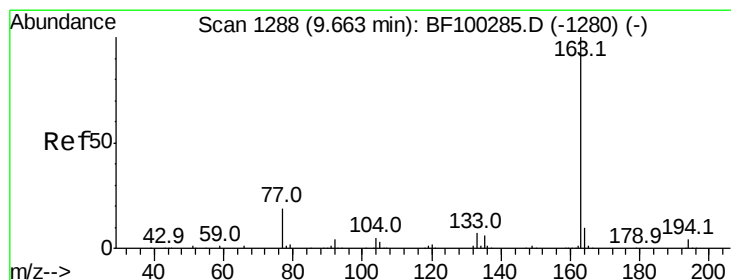
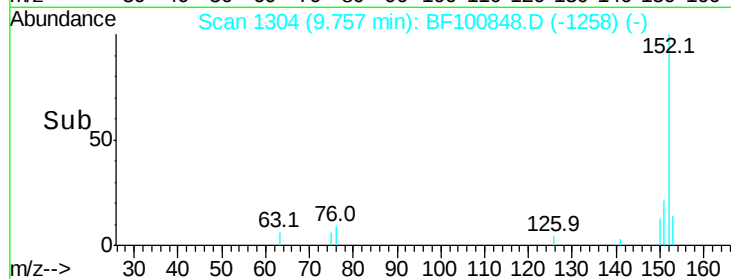
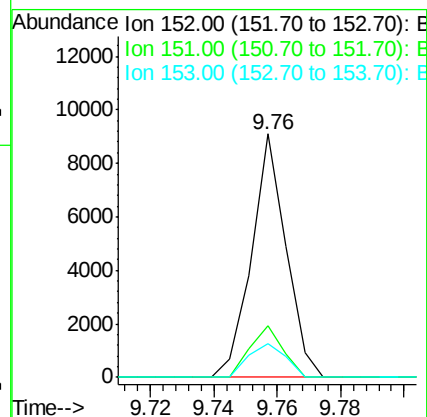
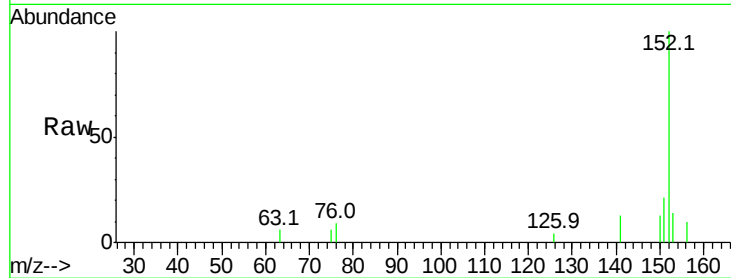




#48
Acenaphthylene
Concen: 0.567 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

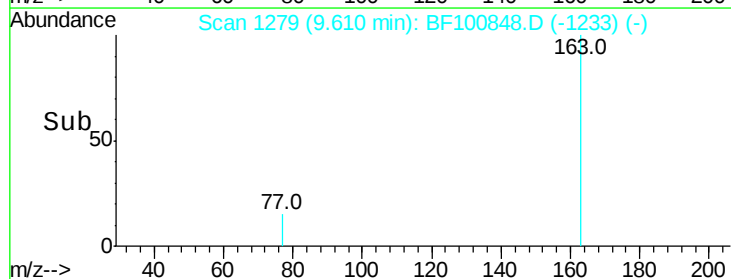
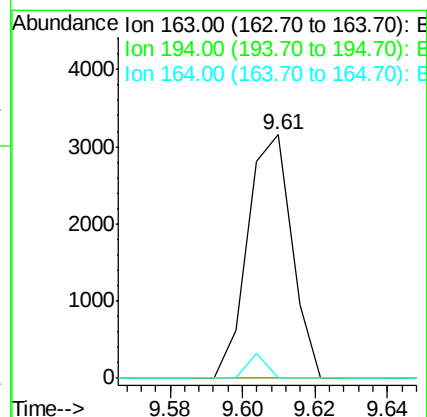
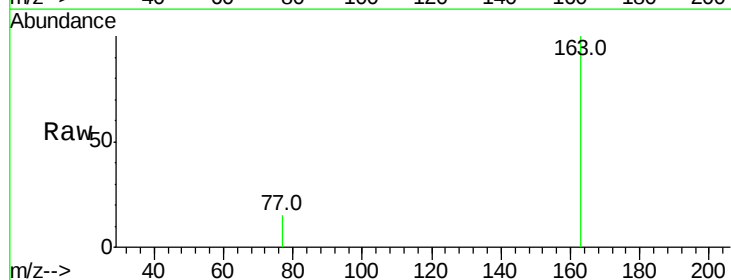
Instrument :
BNA_F
ClientSampleId :

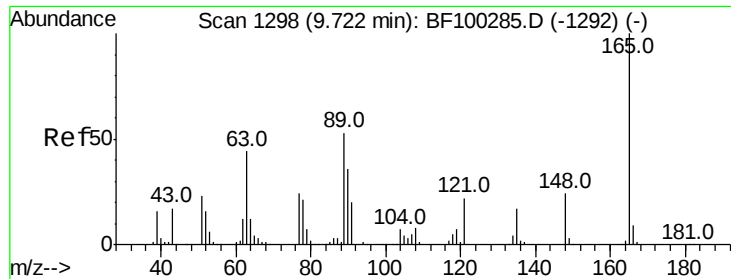
Tot Ion:152 Resp: 6855
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 14.0 10.7 16.1



#49
Dimethylphthalate
Concen: 0.300 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion:163 Resp: 2665
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 0.0 8.2 12.2#

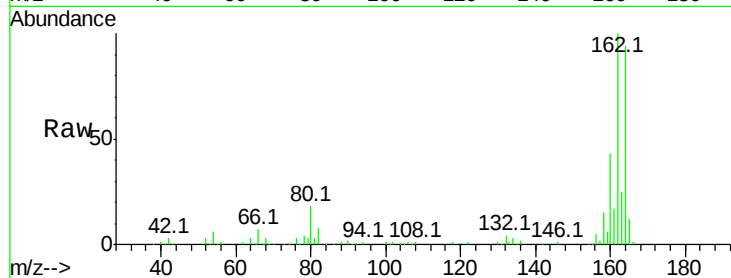




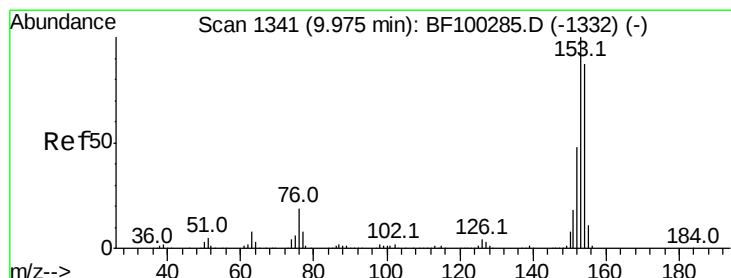
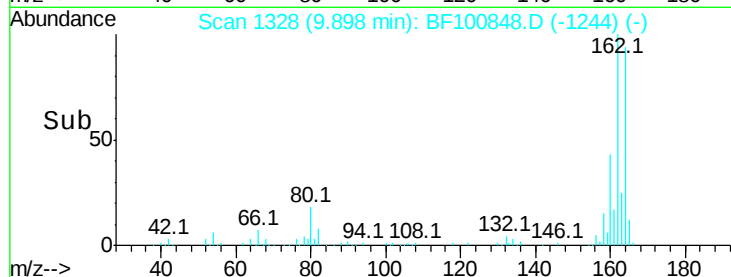
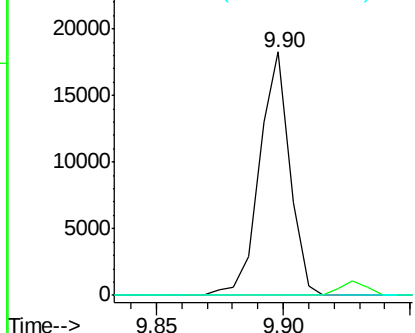
#50
 2,6-Dinitrotoluene
 Concen: 8.620 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :

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

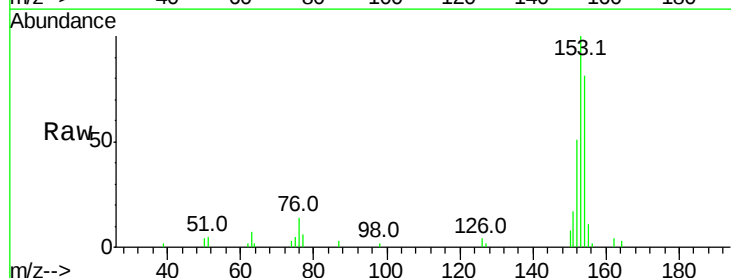


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

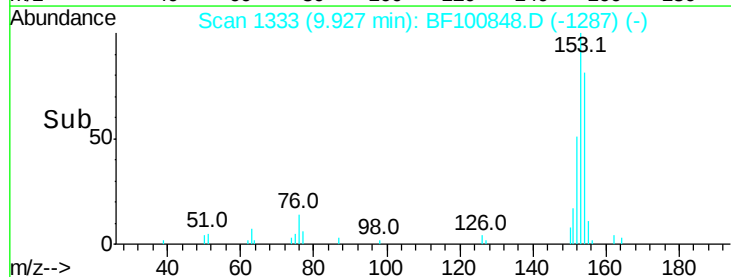
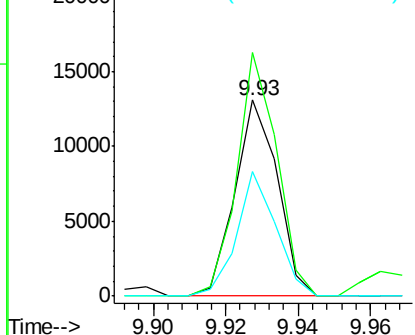


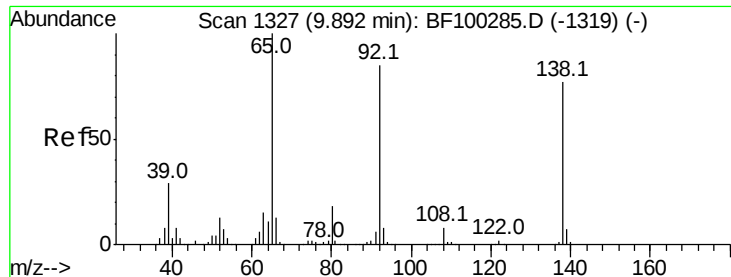
#51
 Acenaphthene
 Concen: 1.453 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.03 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	124.2	91.2	136.8
152	63.8	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

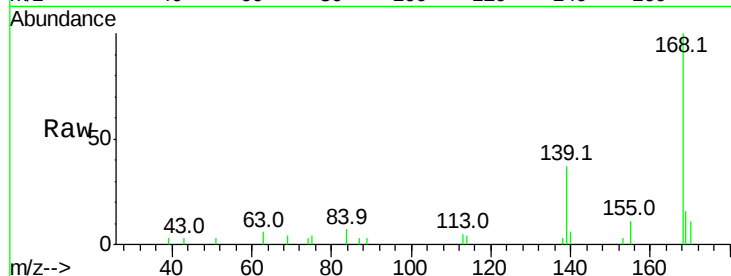




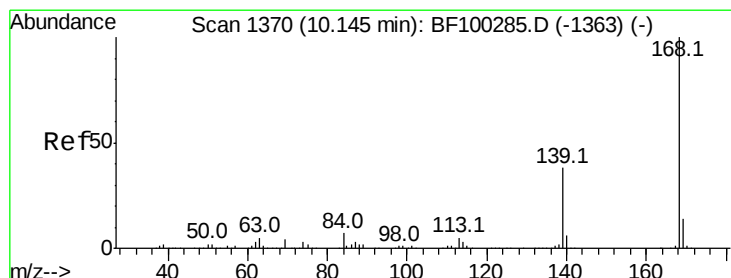
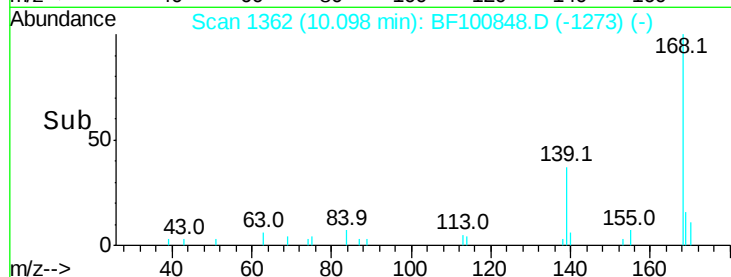
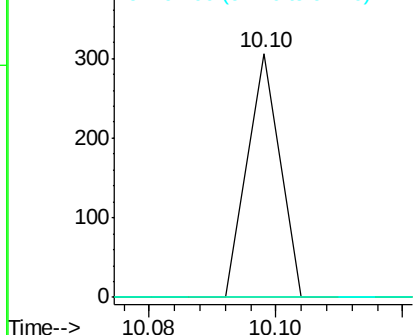
#52
3-Nitroaniline
Concen: 0.052 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.22 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 108
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 0.0 89.4 134.2#



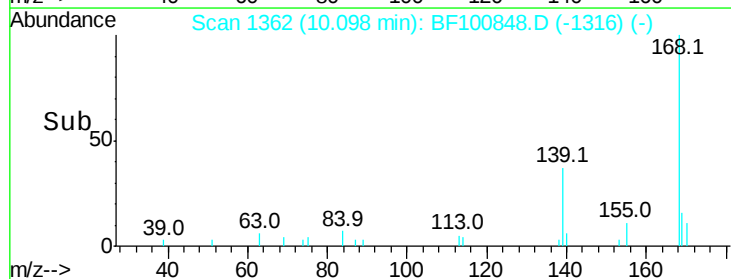
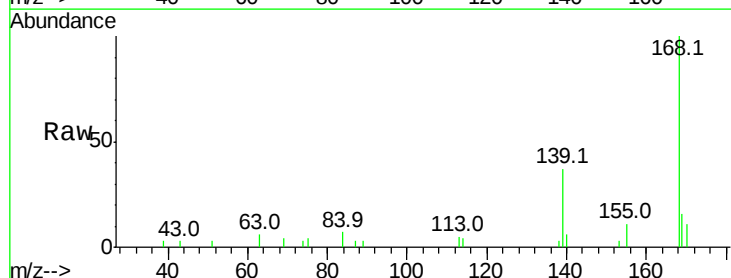
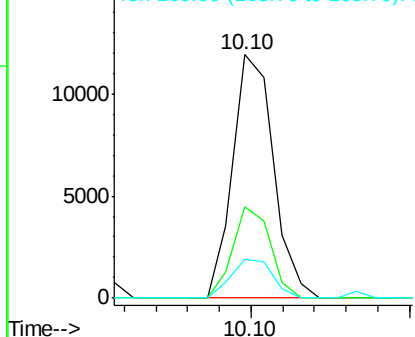
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

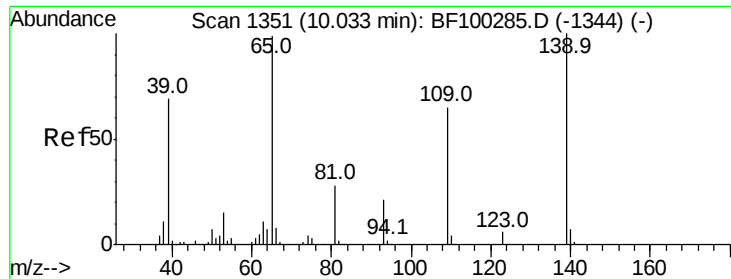


#54
Dibenzofuran
Concen: 1.028 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.03 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion:168 Resp: 10597
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 16.1 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: 2.144 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.08 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

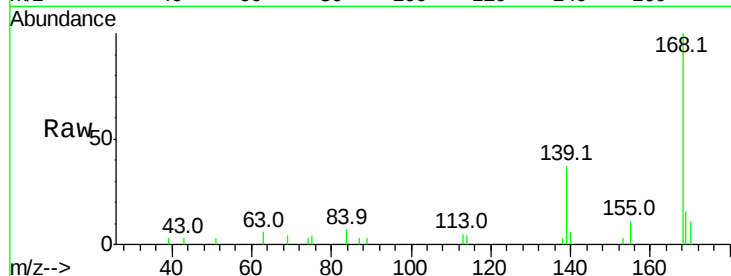
Tot Ion:139 Resp: 3612

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

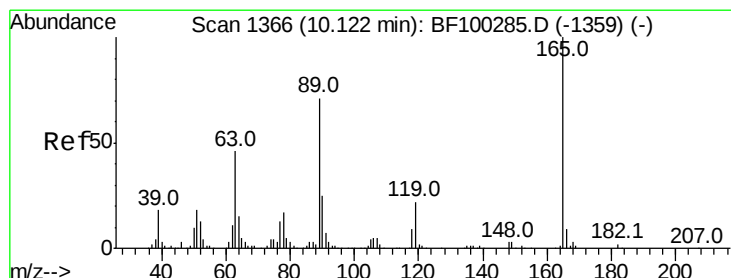
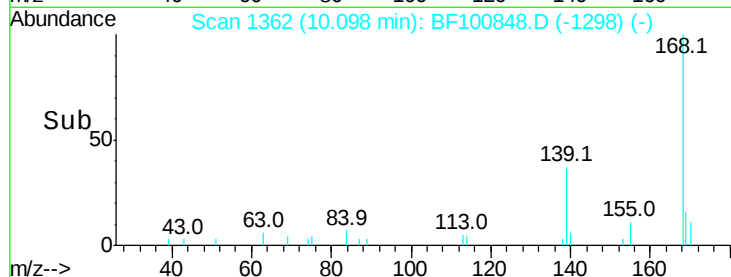
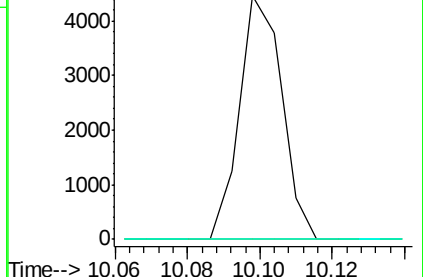
65 0.0 72.6 112.6#



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: 6.833 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.21 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Tgt Ion:165 Resp: 15145

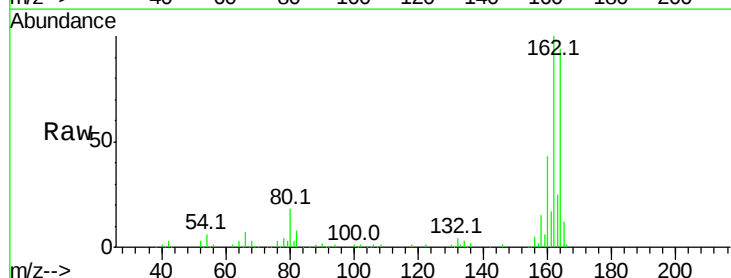
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

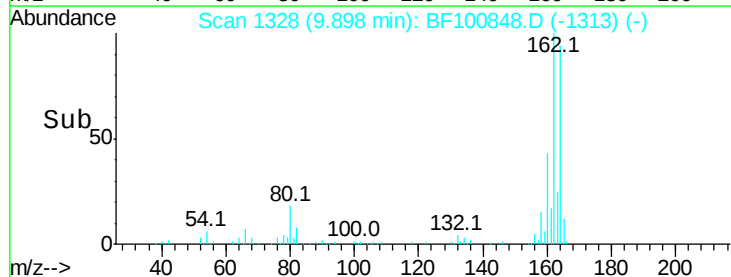
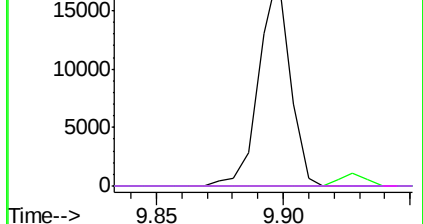


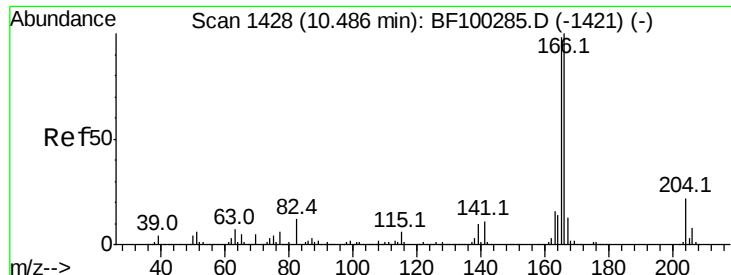
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

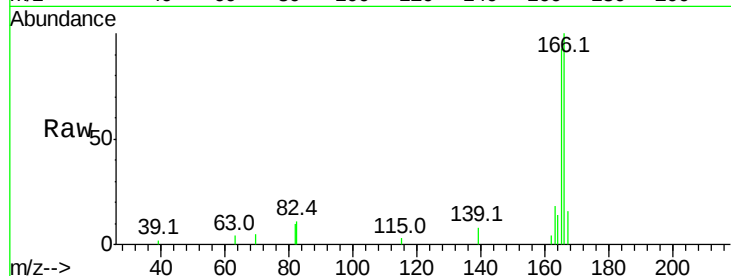




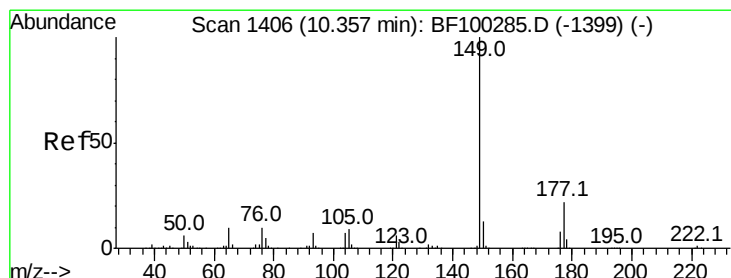
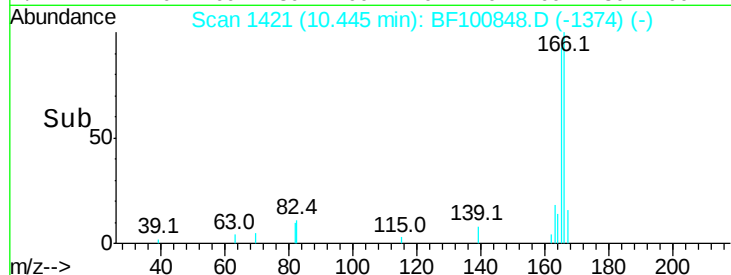
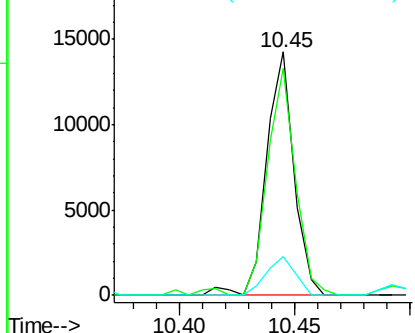
#57
Fluorene
Concen: 1.567 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 11829
Ion Ratio Lower Upper
166 100
165 93.1 79.8 119.8
167 16.1 10.6 16.0#

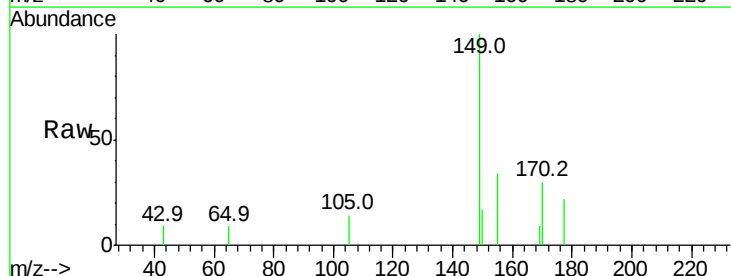


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

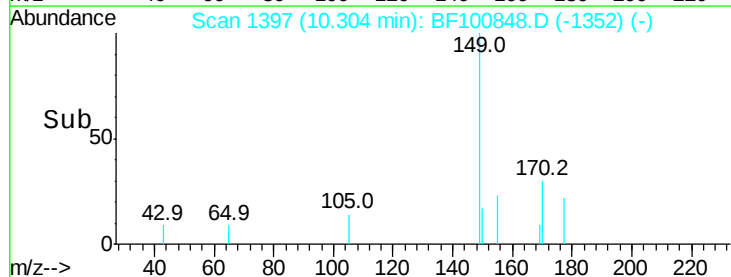
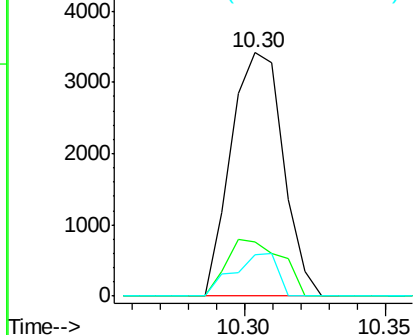


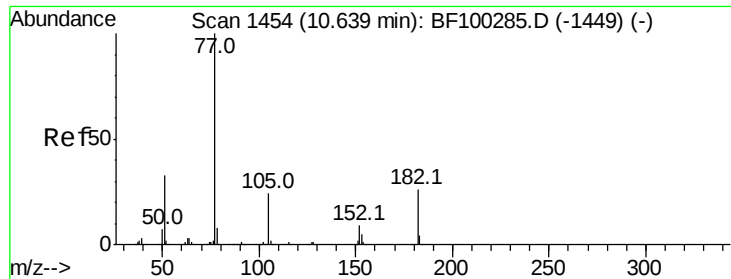
#59
Diethylphthalate
Concen: 0.494 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion:149 Resp: 4392
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 16.9 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: 0.016 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.06 min

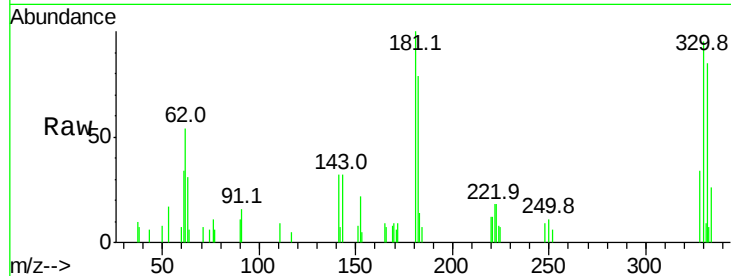
Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 77 Resp: 131

Ion Ratio Lower Upper

77 100

182 1321.0 1.7 41.7#

105 0.0 3.0 43.0#

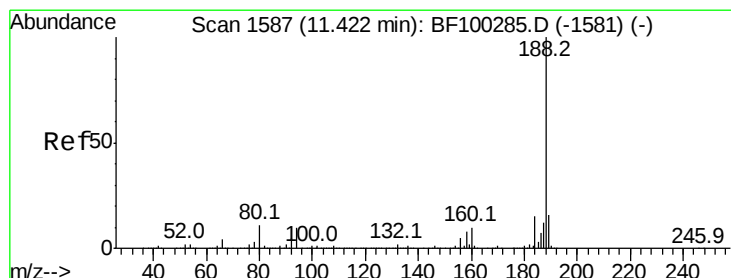
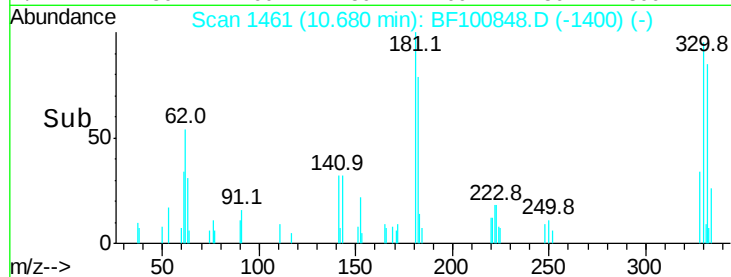
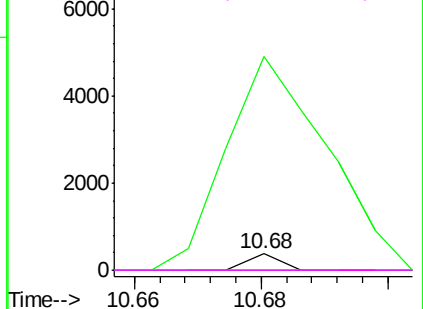
51 0.0 9.9 49.9#

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: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Tgt Ion: 188 Resp: 200681

Ion Ratio Lower Upper

188 100

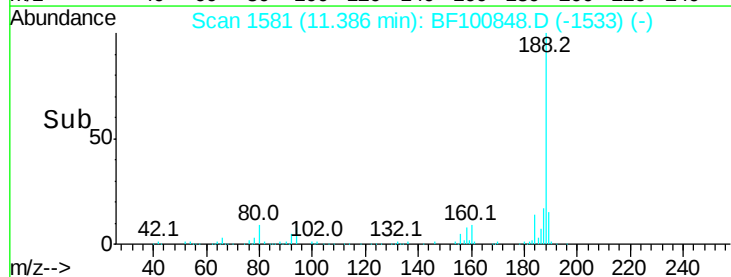
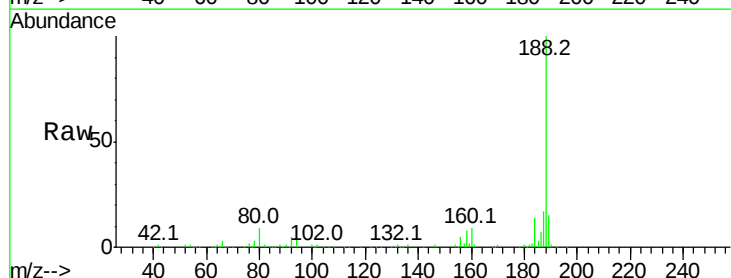
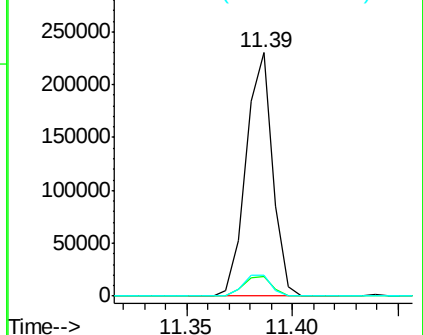
94 8.0 8.5 12.7#

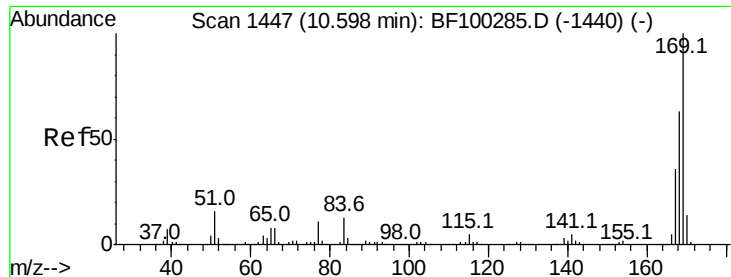
80 8.8 9.2 13.8#

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

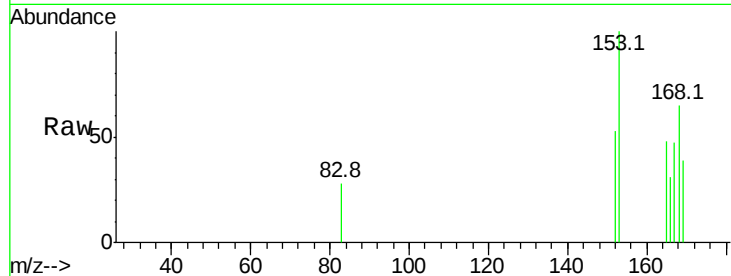




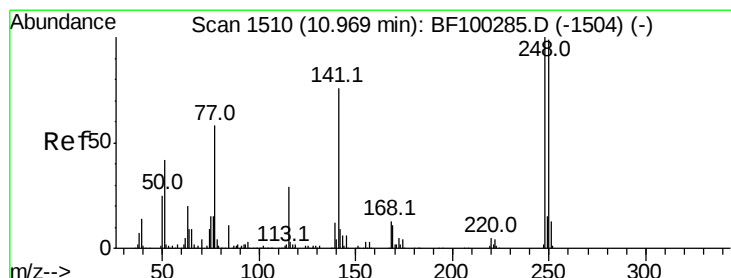
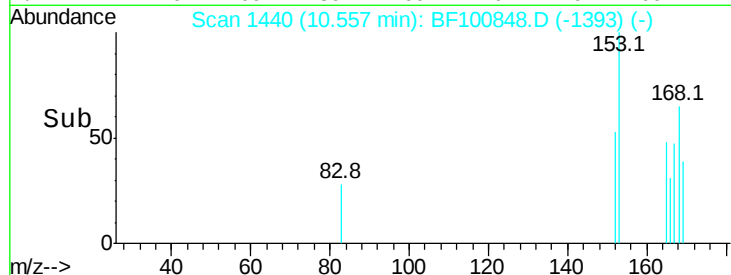
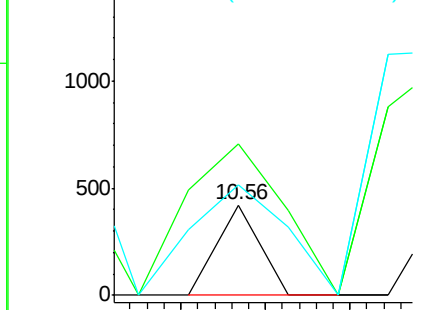
#65
 n-Nitrosodiphenylamine
 Concen: 0.021 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 149
 Ion Ratio Lower Upper
 169 100
 168 166.8 54.4 81.6#
 167 121.6 29.8 44.6#

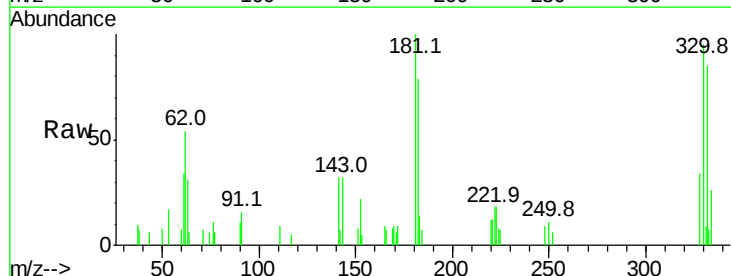


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

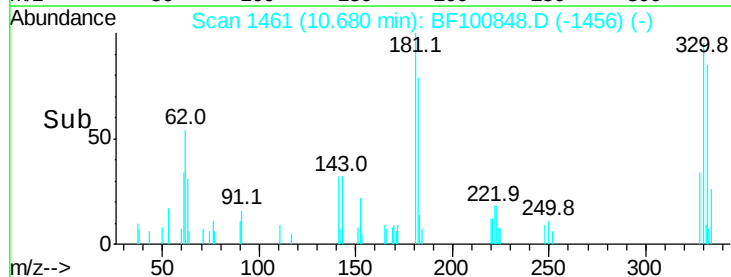
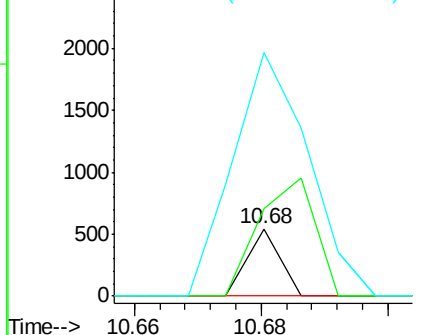


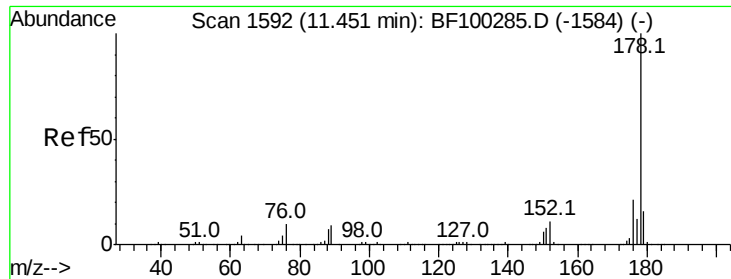
#66
 4-Bromophenyl-phenylether
 Concen: 0.089 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.27 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

Tgt Ion:248 Resp: 191
 Ion Ratio Lower Upper
 248 100
 250 129.6 76.9 115.3#
 141 363.4 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

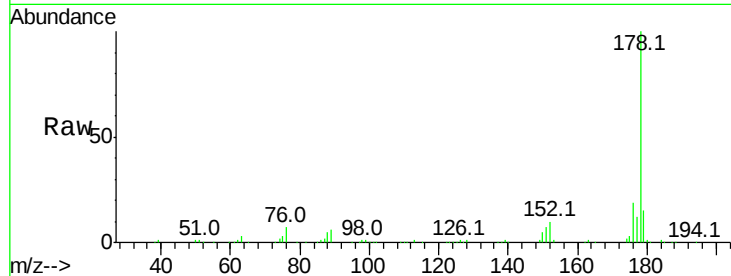




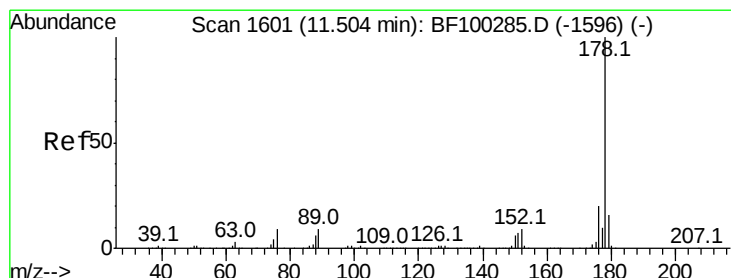
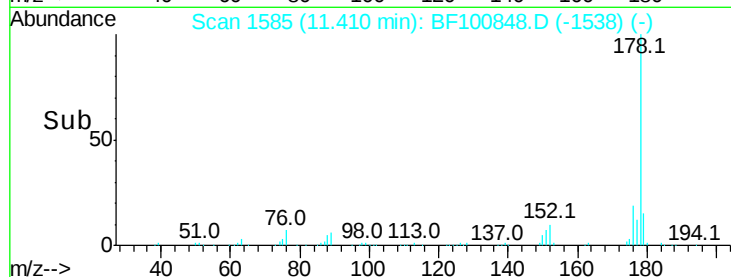
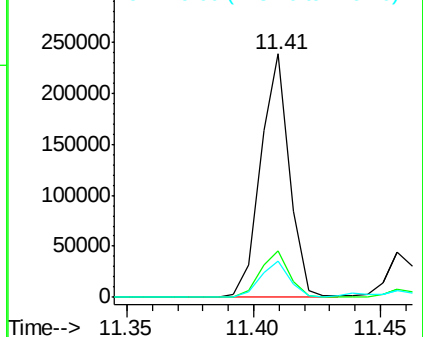
#70
Phenanthrene
Concen: 17.722 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 187255
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.0 13.0 19.6

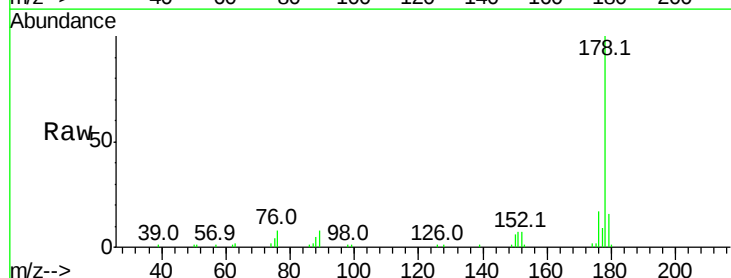


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

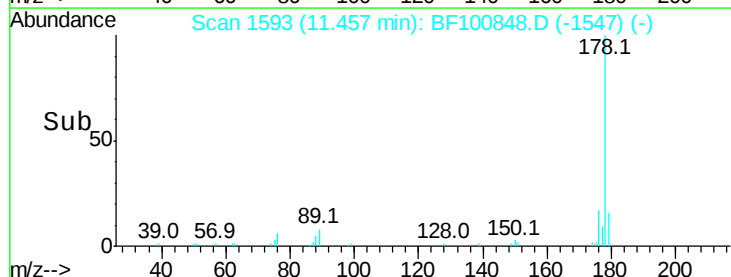
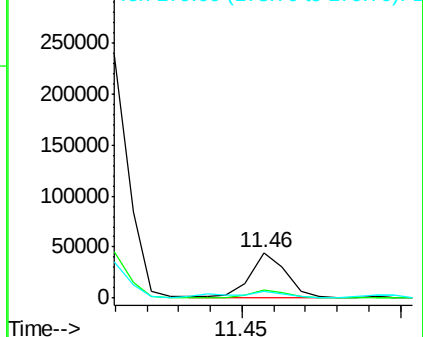


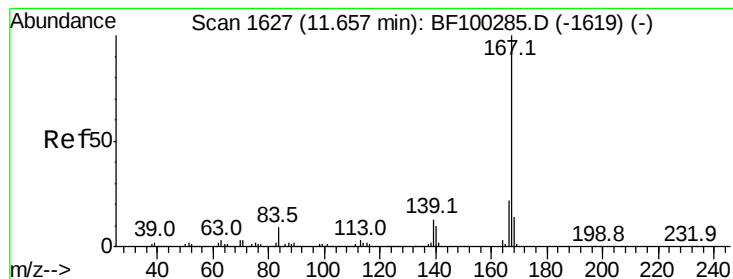
#71
Anthracene
Concen: 3.262 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.03 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion:178 Resp: 34972
Ion Ratio Lower Upper
178 100
176 17.2 15.4 23.2
179 15.5 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: 1.273 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

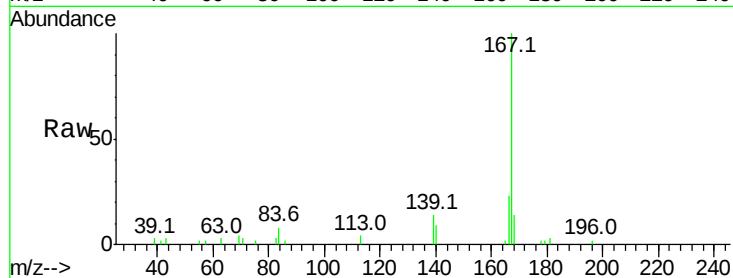
Tot Ion:167 Resp: 12591

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

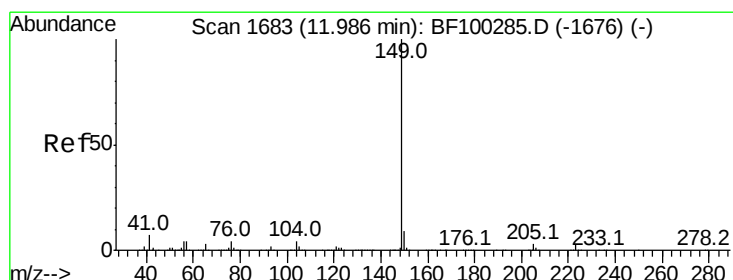
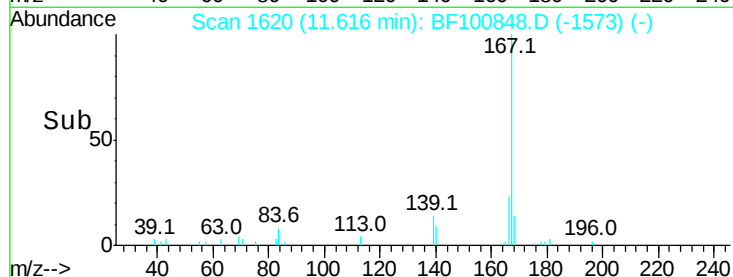
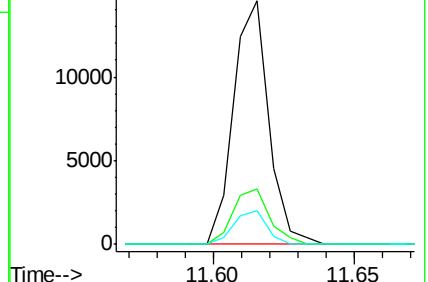
139 13.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.156 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

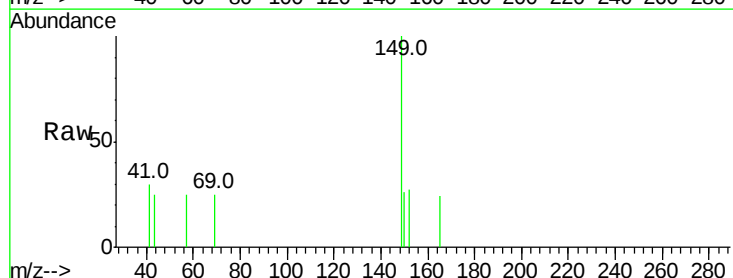
Tgt Ion:149 Resp: 1809

Ion Ratio Lower Upper

149 100

150 25.8 7.8 11.6#

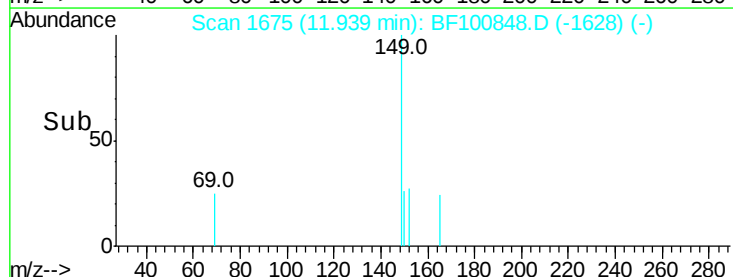
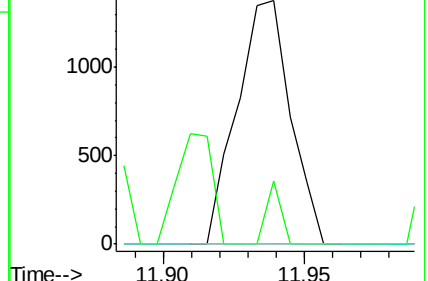
104 0.0 3.8 5.8#

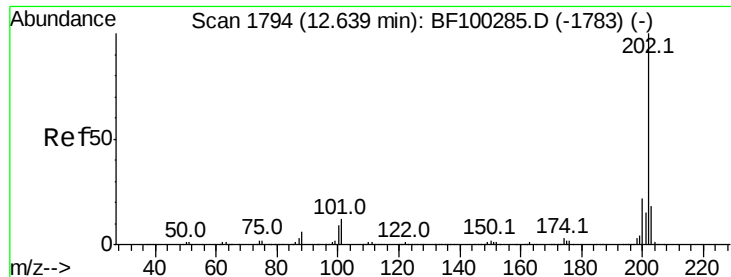


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

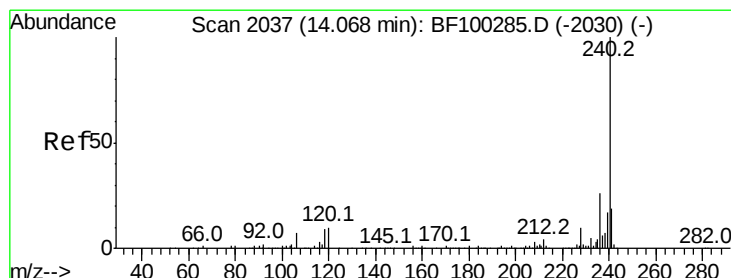
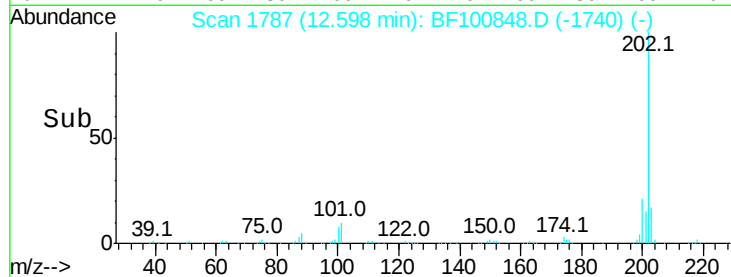
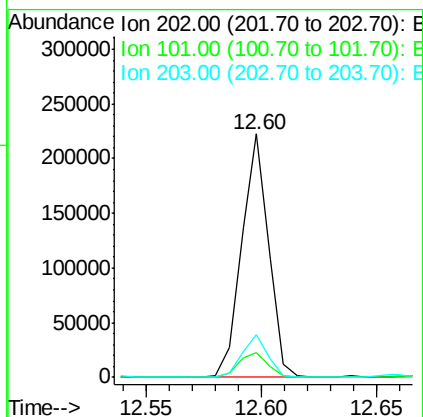
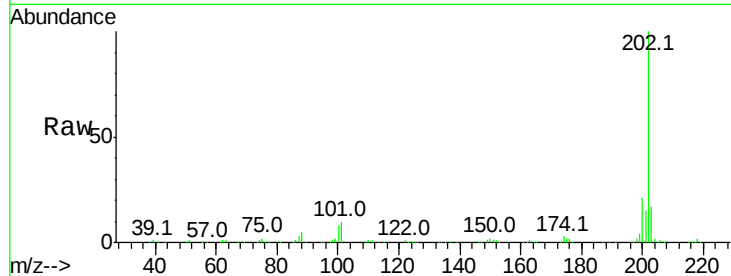




#74
 Fluoranthene
 Concen: 16.174 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

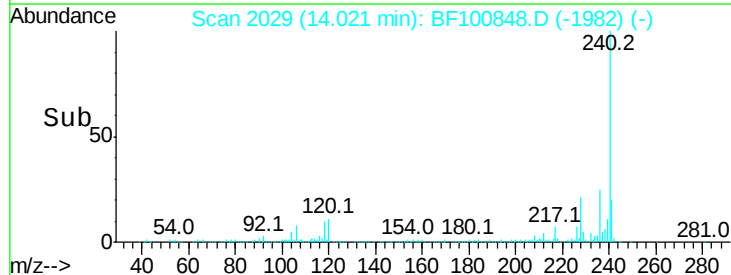
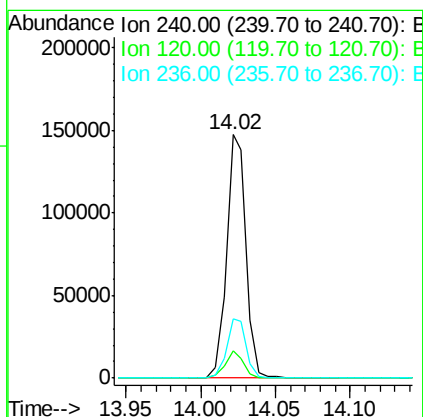
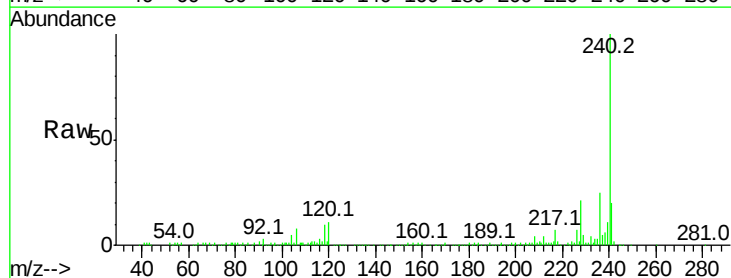
Instrument :
 BNA_F
 ClientSampleId :

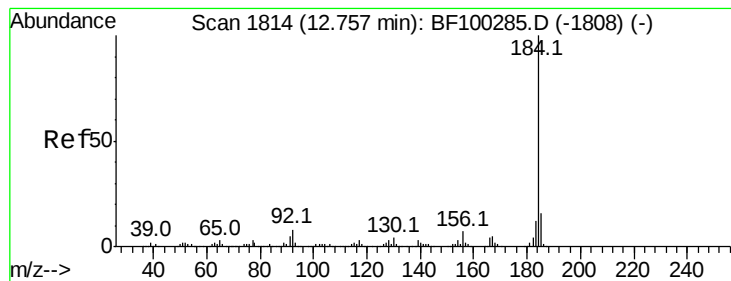
Tot Ion:	202	Resp:	181118
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.3	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

Tgt Ion:	240	Resp:	135649
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	24.5	20.7	31.1





#76

Benzidine

Concen: 0.022 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.22 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

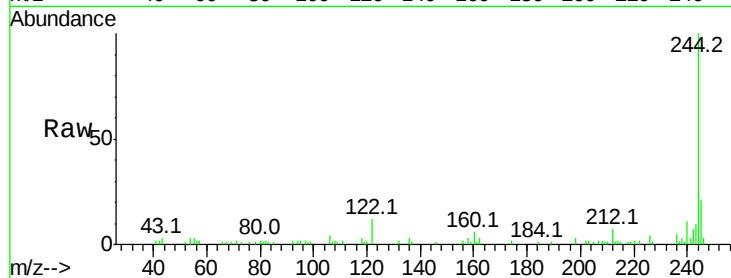
Tot Ion:184 Resp: 118

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

183 0.0 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

12.96

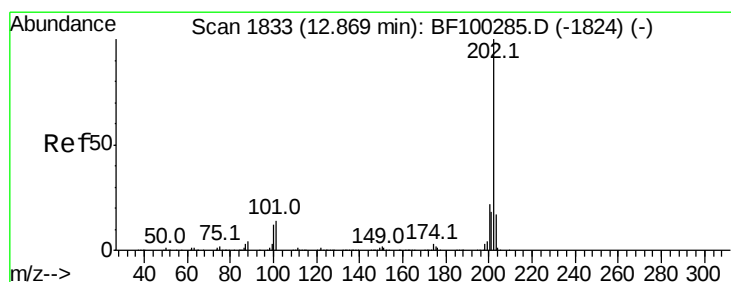
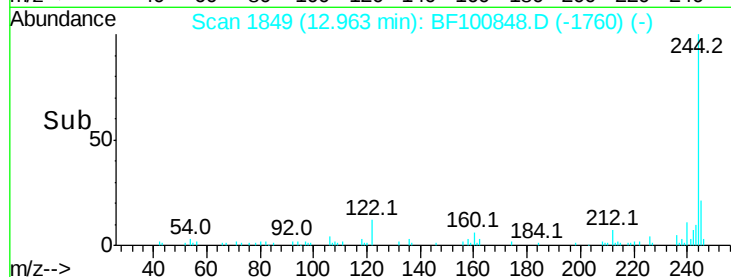
300

200

100

0

Time--> 12.94 12.96 12.98



#77

Pyrene

Concen: 17.410 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

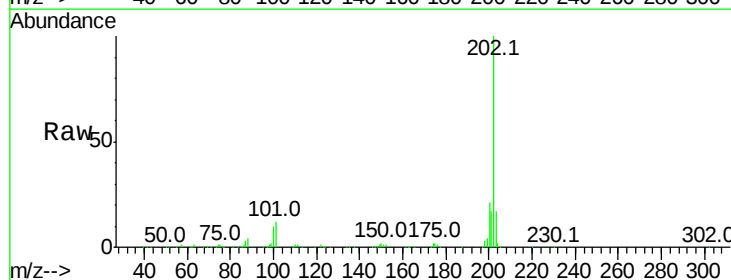
Tgt Ion:202 Resp: 168348

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

203 17.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.83

250000

200000

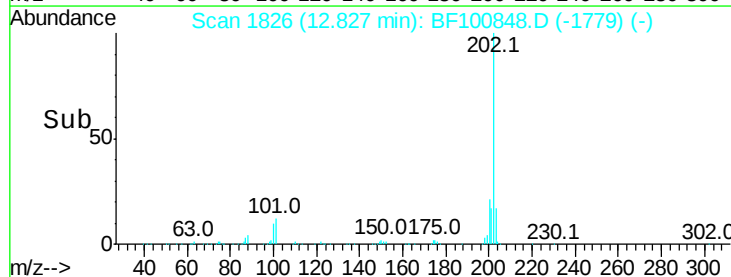
150000

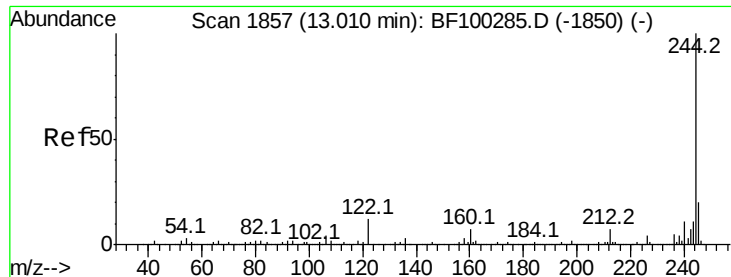
100000

50000

0

Time--> 12.80 12.85

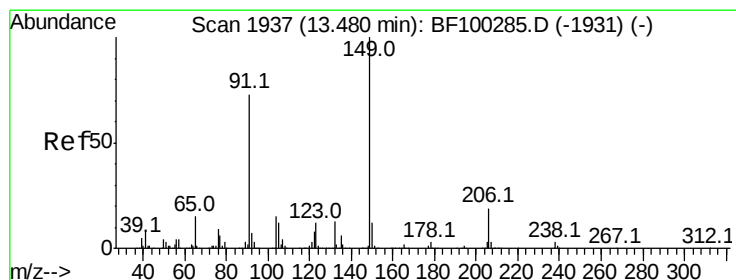
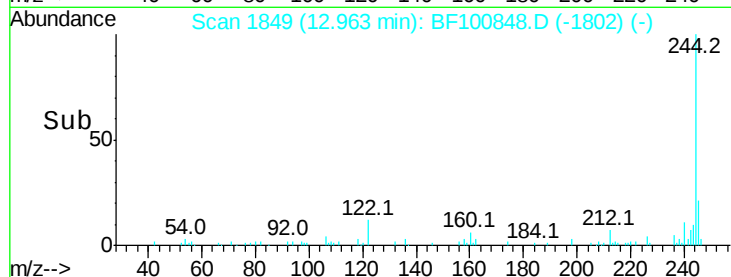
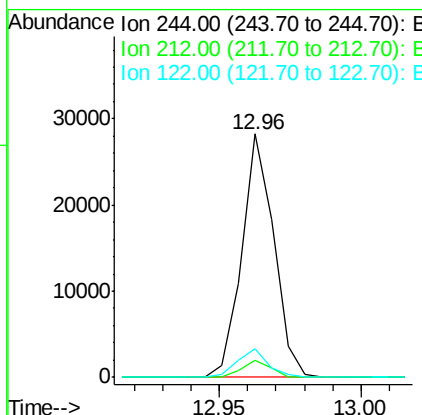
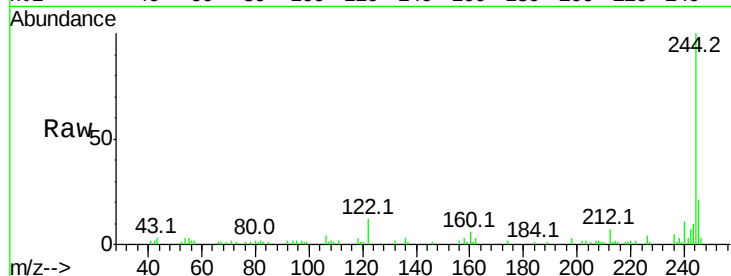




#78
 Terphenyl-d14
 Concen: 3.758 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

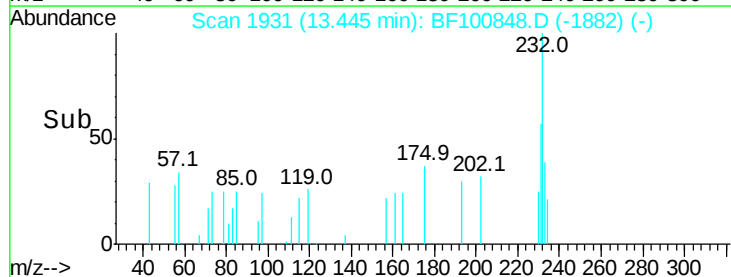
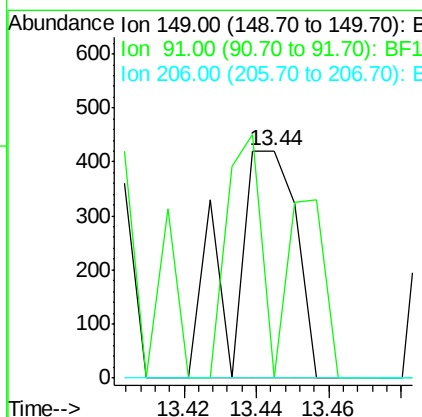
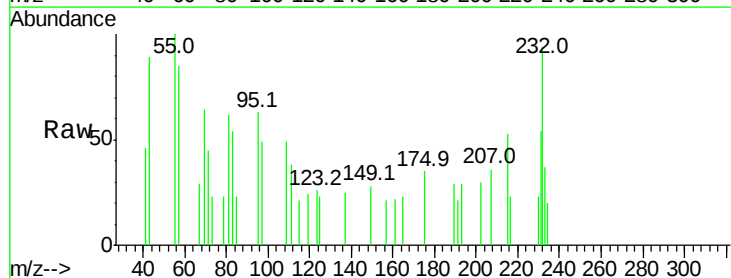
Instrument :
 BNA_F
 ClientSampleId :

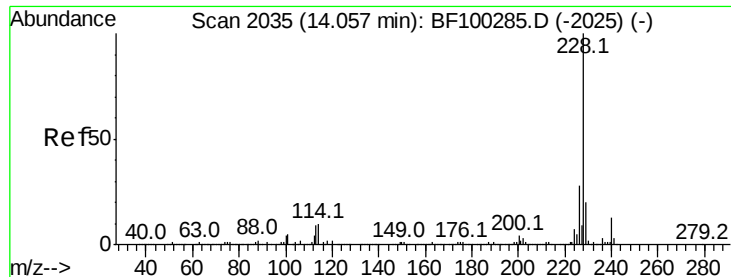
Tot Ion:244 Resp: 22188
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.0 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 0.134 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

Tgt Ion:149 Resp: 527
 Ion Ratio Lower Upper
 149 100
 91 0.0 56.8 85.2#
 206 0.0 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 8.834 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampled :

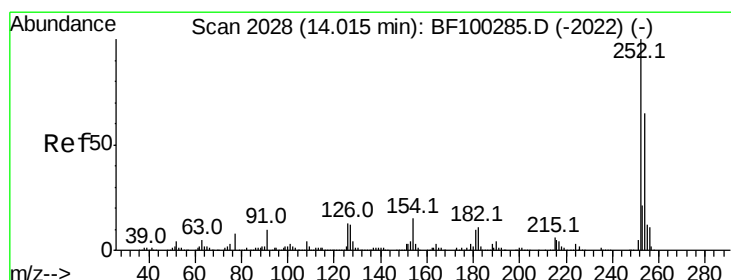
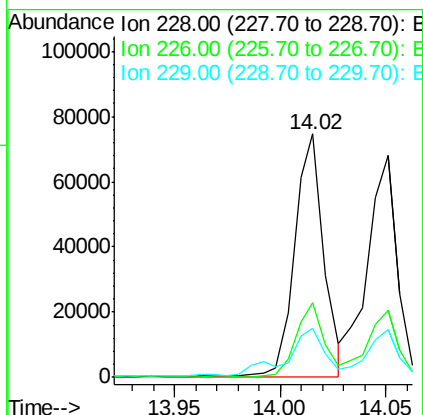
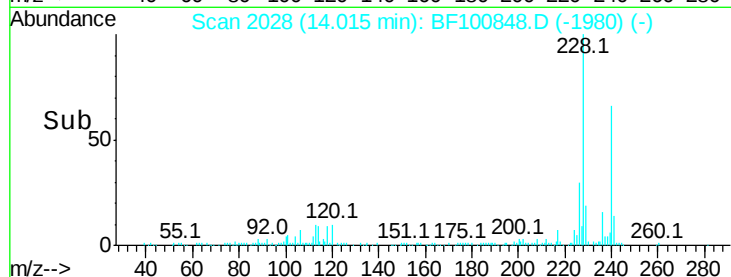
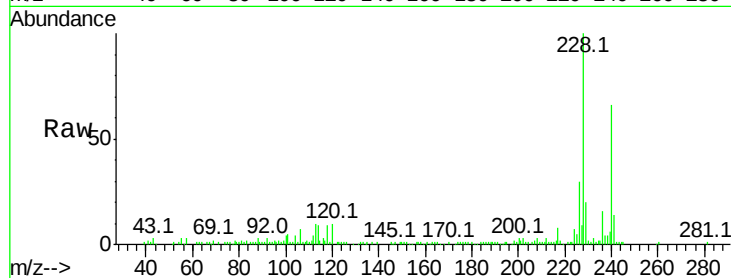
Tot Ion:228 Resp: 72163

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

229 19.9 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 0.216 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.06 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

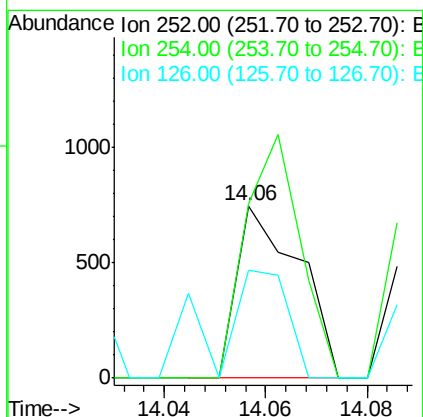
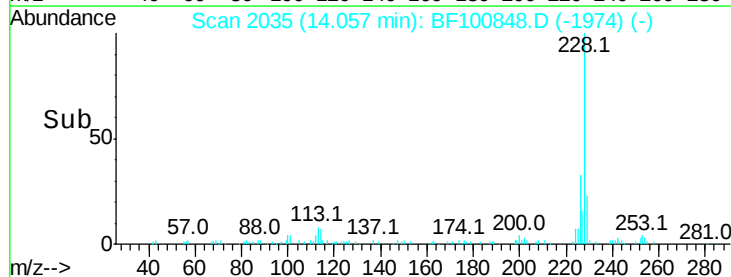
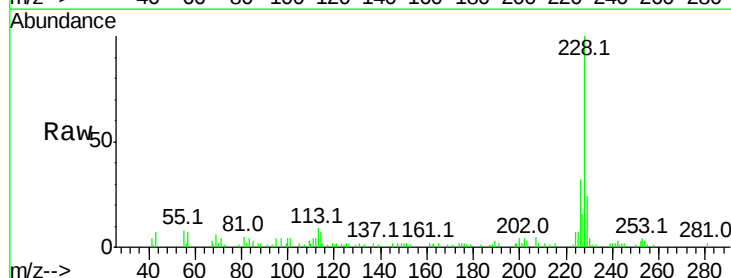
Tgt Ion:252 Resp: 632

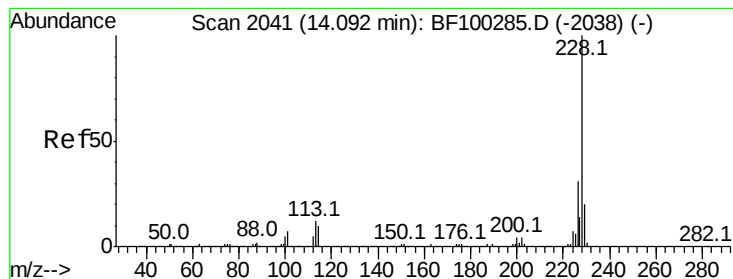
Ion Ratio Lower Upper

252 100

254 101.3 50.4 75.6#

126 62.3 11.3 16.9#





#82

Chrysene

Concen: 8.613 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampled :

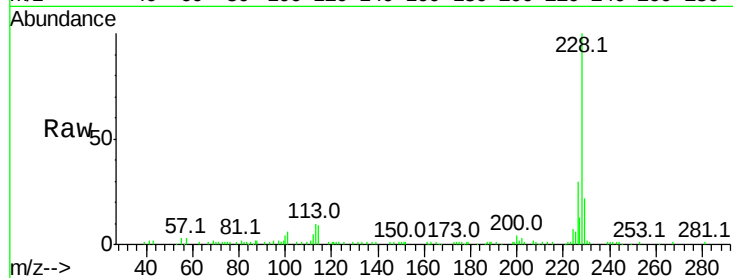
Tot Ion:228 Resp: 68134

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

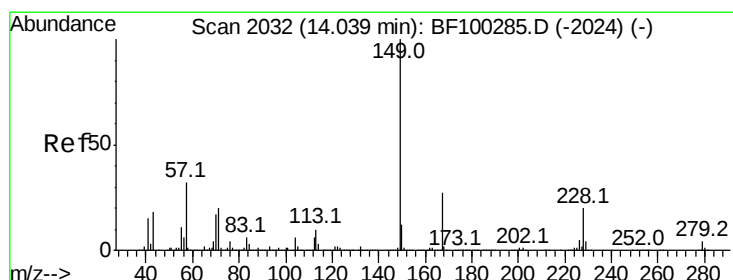
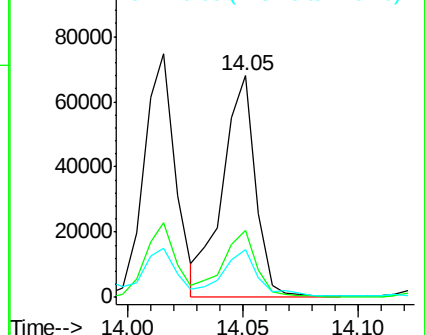
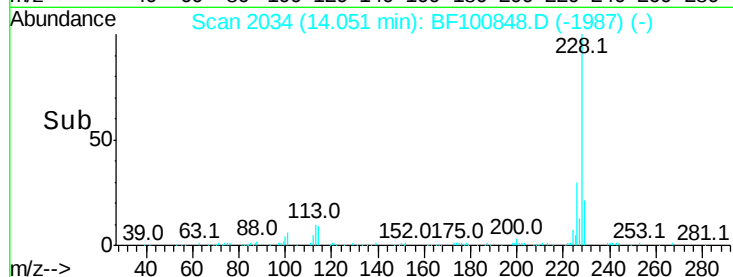
229 21.7 16.2 24.4



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: 0.275 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

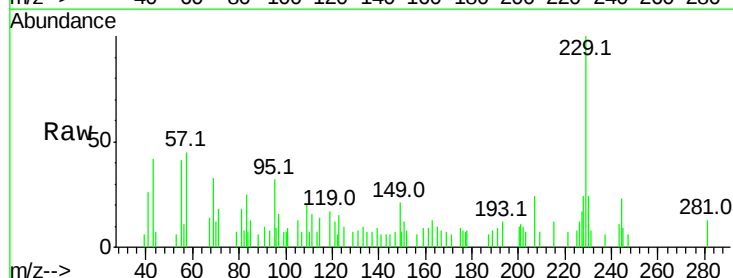
Tgt Ion:149 Resp: 1428

Ion Ratio Lower Upper

149 100

167 39.6 21.3 31.9#

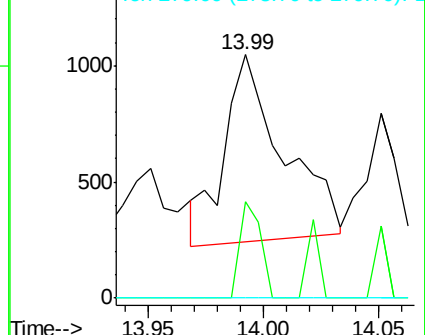
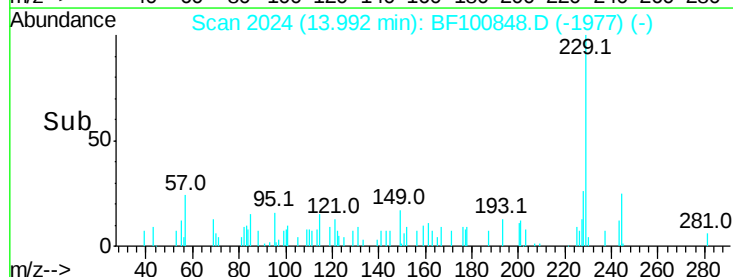
279 0.0 3.0 4.4#

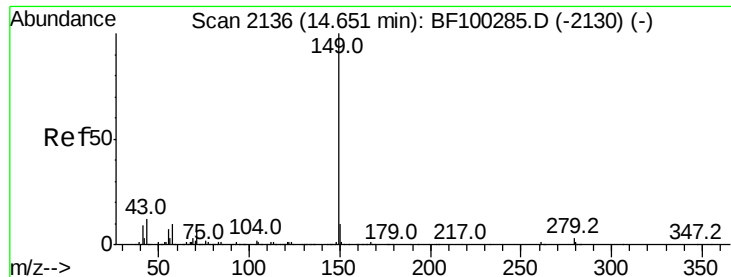


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

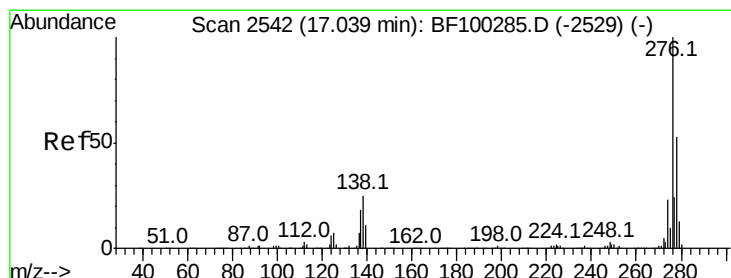
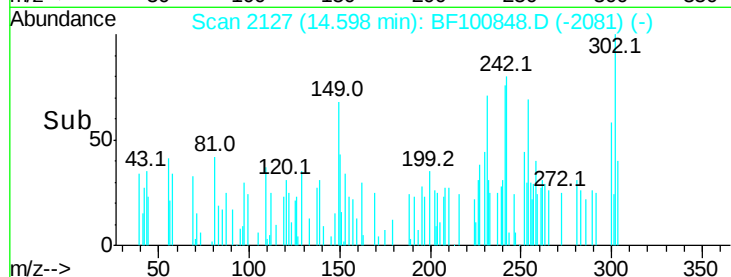
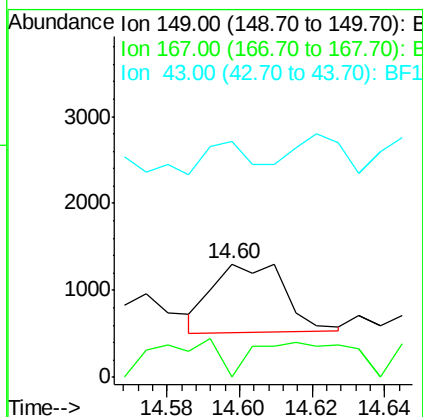
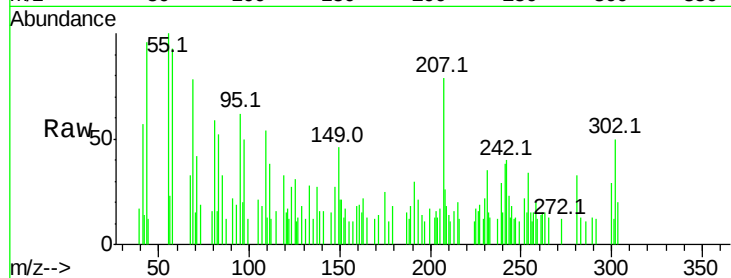




#84
Di-n-octyl phthalate
Concen: 0.120 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.03 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

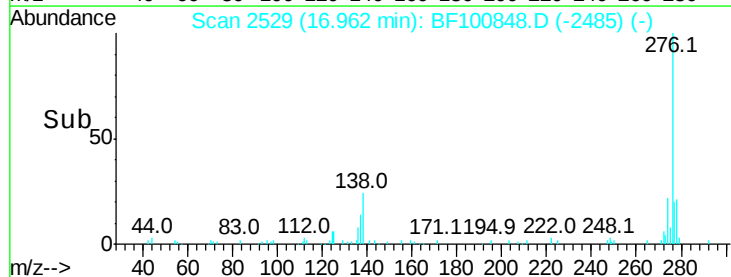
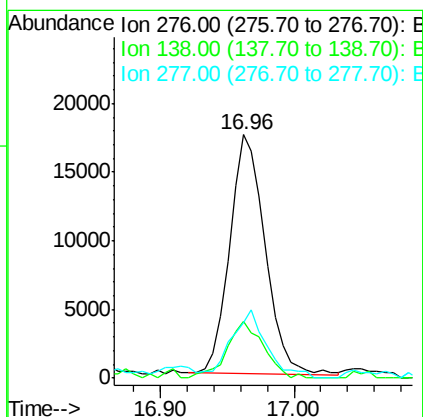
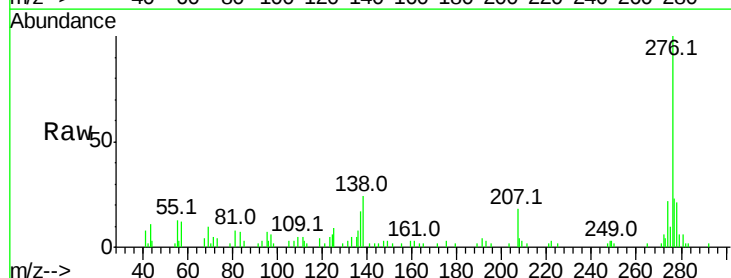
Instrument :
BNA_F
ClientSampled :

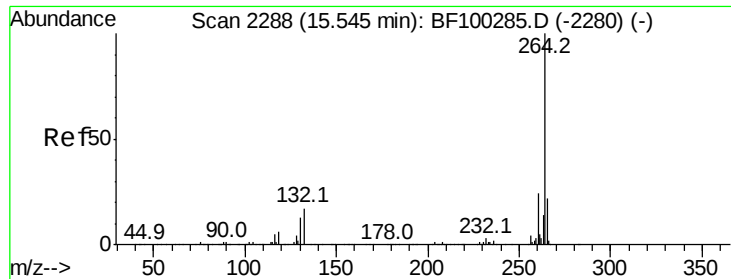
Tot Ion:149 Resp: 1071
Ion Ratio Lower Upper
149 100
167 47.2 1.2 1.8#
43 45.3 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 5.010 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion:276 Resp: 32056
Ion Ratio Lower Upper
276 100
138 24.7 25.0 37.6#
277 29.2 20.1 30.1

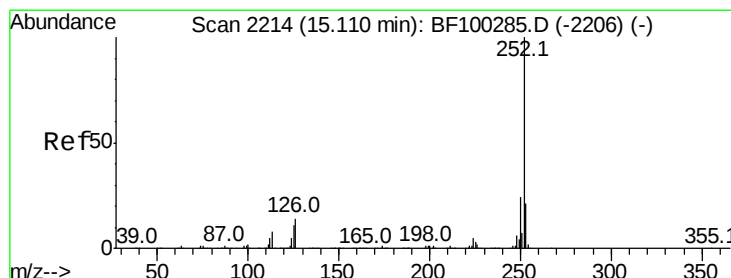
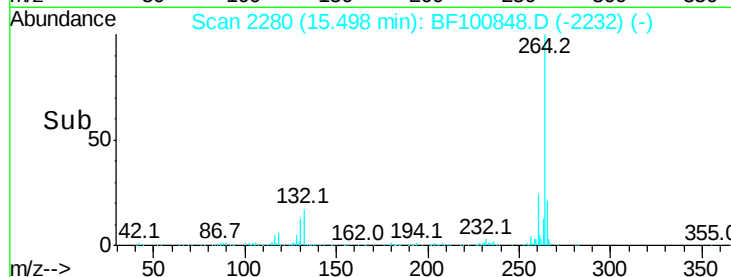
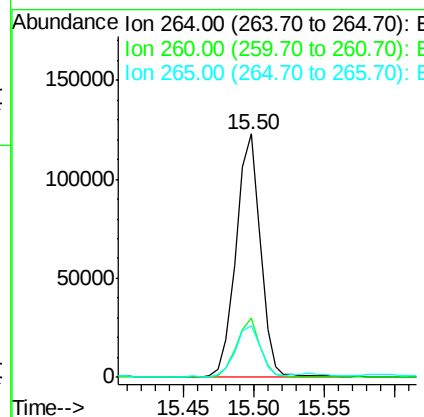
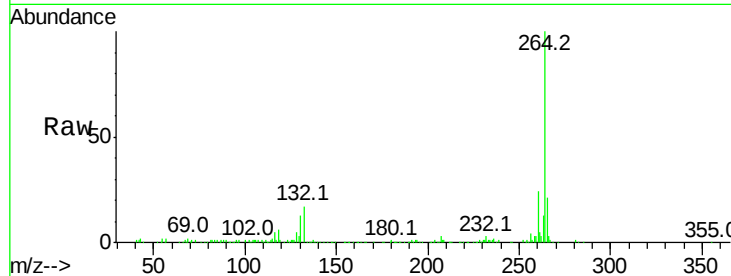




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

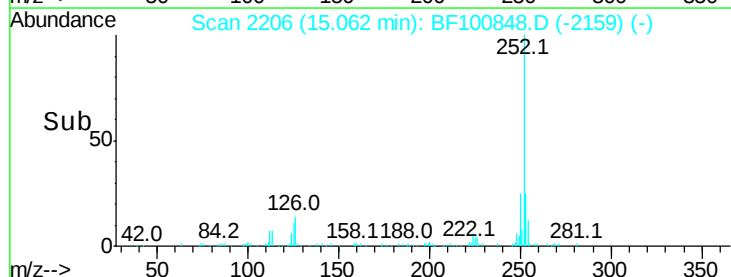
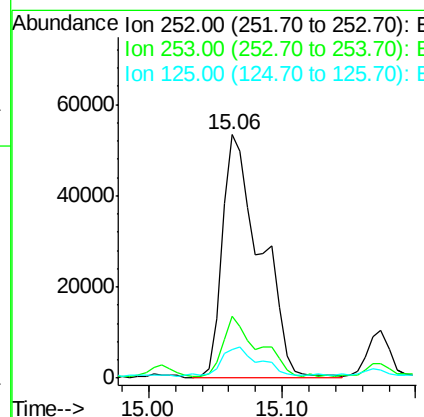
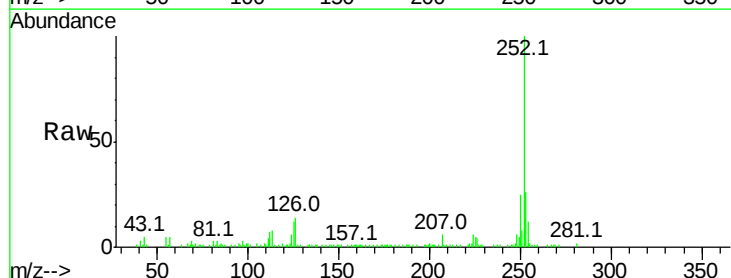
Instrument :
 BNA_F
 ClientSampleId :

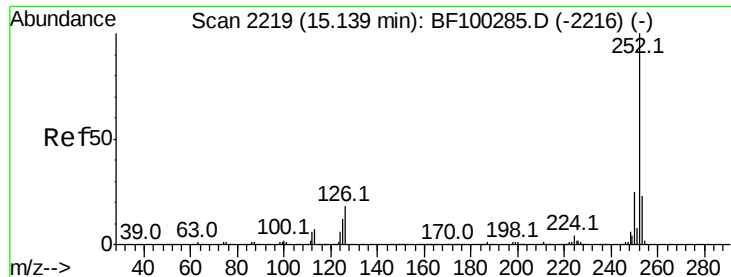
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3



#87
 Benzo(b)fluoranthene
 Concen: 12.147 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BF100848.D
 Acq: 23 Nov 2017 2:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	12.0	9.0	13.6

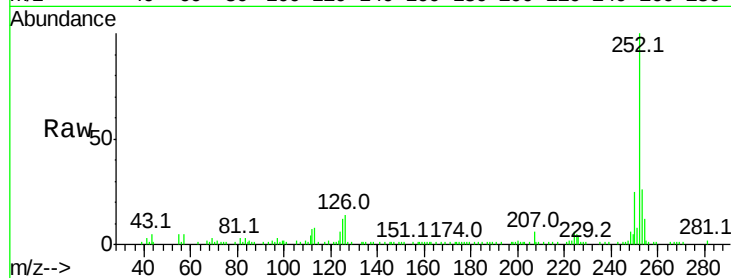




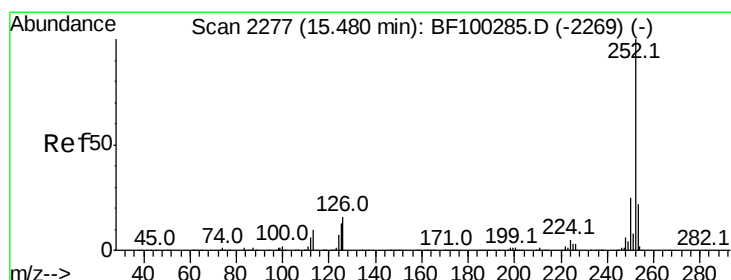
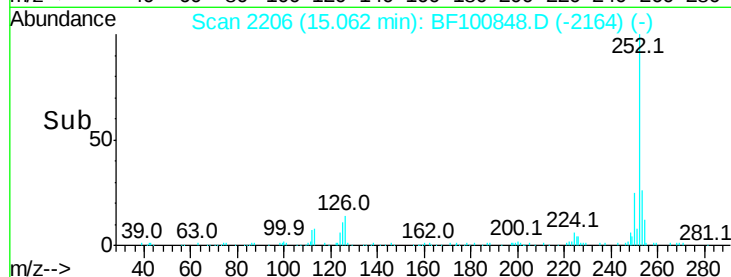
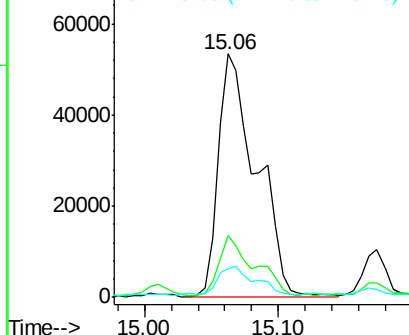
#88
Benzo(k)fluoranthene
Concen: 12.856 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 107214
Ion Ratio Lower Upper
252 100
253 25.5 17.9 26.9
125 12.0 10.2 15.2

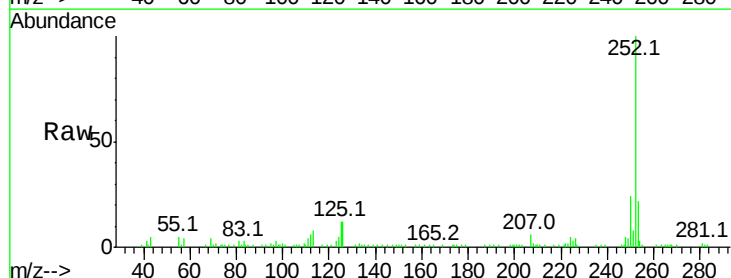


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

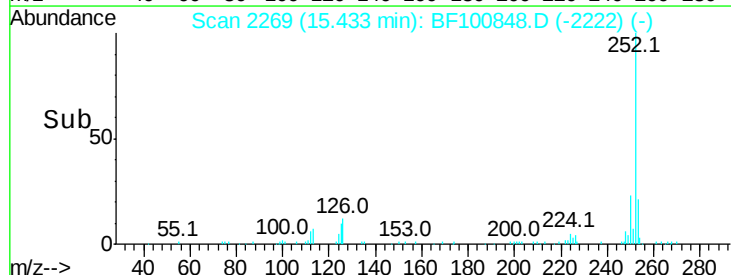
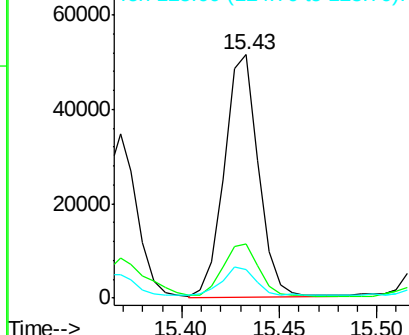


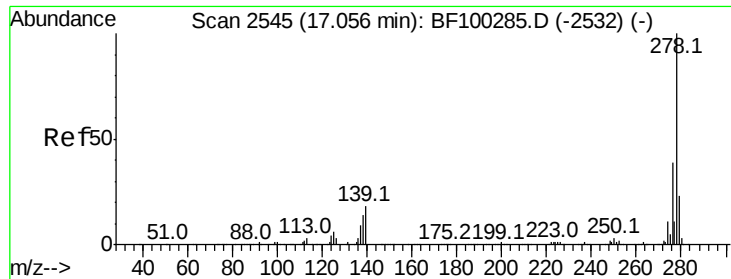
#89
Benzo(a)pyrene
Concen: 7.991 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF100848.D
Acq: 23 Nov 2017 2:34

Tgt Ion:252 Resp: 62527
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 11.6 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: 1.385 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.05 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

Instrument :

BNA_F

ClientSampleId :

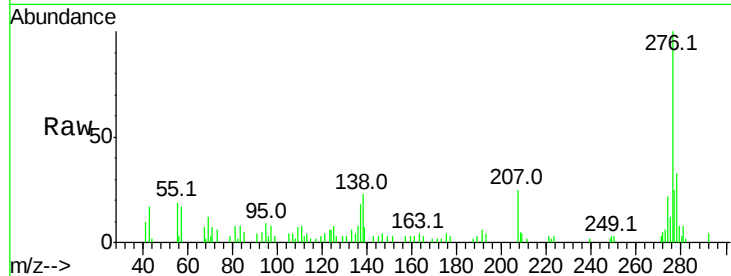
Tot Ion:278 Resp: 8862

Ion Ratio Lower Upper

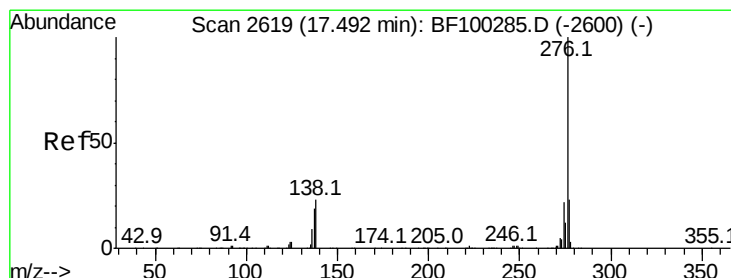
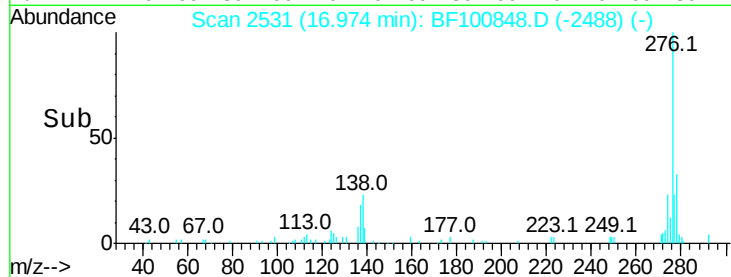
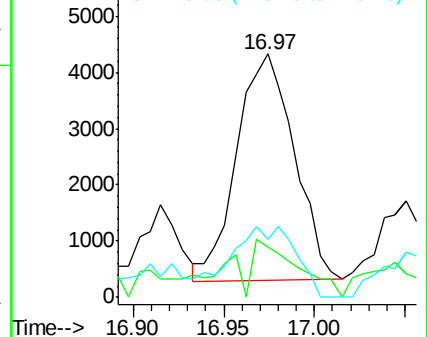
278 100

139 20.6 15.9 23.9

279 23.7 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: 4.774 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.05 min

Lab File: BF100848.D

Acq: 23 Nov 2017 2:34

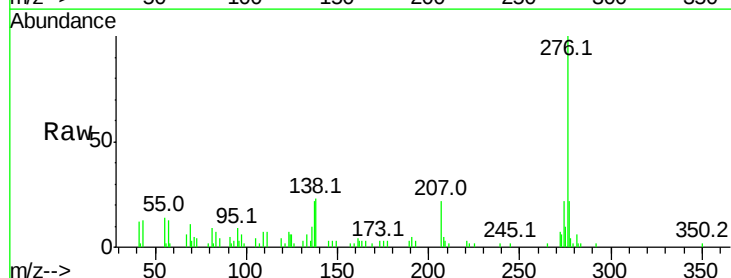
Tgt Ion:276 Resp: 29905

Ion Ratio Lower Upper

276 100

277 21.9 17.9 26.9

138 22.7 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

