

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100877.D
 Acq On : 23 Nov 2017 15:58
 Operator : SJ/JU
 Sample : I6560-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:57:08 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	77103	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	304375	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	141605	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	245861	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	148229	20.00	ng	-0.02
86) Perylene-d12	15.49	264	163887	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	338977	70.47	ng	-0.02
7) Phenol-d6	6.48	99	266087	44.86	ng	-0.03
23) Nitrobenzene-d5	7.43	82	518748	112.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	217893	151.00	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1017487	109.41	ng	-0.02
78) Terphenyl-d14	12.97	244	729363	113.06	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.63	93	663	0.079	ng	# 1
8) 2-Chlorophenol	6.64	128	106	0.021	ng	# 1
9) Benzaldehyde	6.63	77	11653	2.751	ng	89
10) Phenol	6.63	94	971	0.156	ng	# 1
11) bis(2-Chloroethyl)ether	6.63	93	663	0.127	ng	# 1
15) Benzyl Alcohol	7.02	79	7821	1.690	ng	# 36
19) n-Nitroso-di-n-propylamine	7.43	70	67243	16.347	ng	# 80
24) Nitrobenzene	7.43	77	1320	0.279	ng	# 40
25) Isophorone	7.43	82	518743	53.619	ng	# 64
31) Naphthalene	8.16	128	457	0.031	ng	# 68
45) 1,1'-Biphenyl	9.32	154	2934	0.240	ng	93
47) 2-Nitroaniline	9.22	65	1504	3.324	ng	# 15
48) Acenaphthylene	9.75	152	2613	0.177	ng	# 91
50) 2,6-Dinitrotoluene	9.89	165	17908	8.368	ng	# 24
51) Acenaphthene	9.90	154	518	0.058	ng	# 4
52) 3-Nitroaniline	10.02	138	106	0.042	ng	# 2
54) Dibenzofuran	10.01	168	120	0.010	ng	# 1
55) 4-Nitrophenol	10.02	139	4519	2.202	ng	# 9
56) 2,4-Dinitrotoluene	9.89	165	17908	6.633	ng	# 21
57) Fluorene	10.69	166	9476	1.031	ng	# 91
59) Diethylphthalate	10.31	149	1748	0.162	ng	# 86
62) Azobenzene	10.69	77	998	0.098	ng	# 3
64) 4,6-Dinitro-2-methylphenol	10.69	198	295	8.765	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	6842	0.800	ng	# 50
66) 4-Bromophenyl-phenylether	10.69	248	14015	5.318	ng	# 1
70) Phenanthrene	11.46	178	3086	0.238	ng	96
71) Anthracene	11.46	178	3086	0.235	ng	96
73) Di-n-butylphthalate	11.93	149	2298	0.162	ng	# 84
76) Benzidine	12.97	184	8294	1.397	ng	# 94
77) Pyrene	12.97	202	2307	0.218	ng	# 78
79) Butylbenzylphthalate	13.38	149	110	0.026	ng	# 22
80) Benzo(a)anthracene	14.02	228	558	0.063	ng	# 51
82) Chrysene	14.02	228	558	0.065	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	593	0.105	ng	# 53

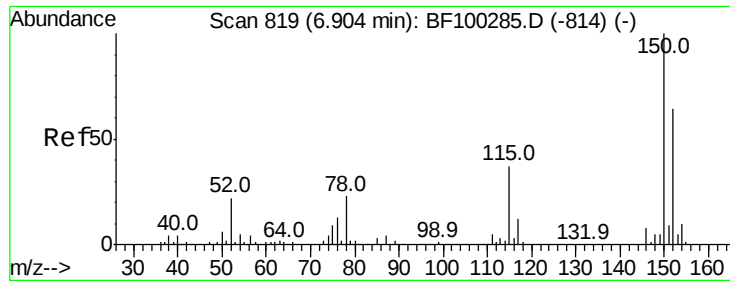
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100877.D
Acq On : 23 Nov 2017 15:58
Operator : SJ/JU
Sample : I6560-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 23 23:57:08 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)
84) Di-n-octyl phthalate	14.60	149	517	0.053	ng	# 36
87) Benzo(b)fluoranthene	15.06	252	466	0.048	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	113	0.012	ng	# 59
89) Benzo(a)pyrene	15.49	252	432	0.050	ng	# 60

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

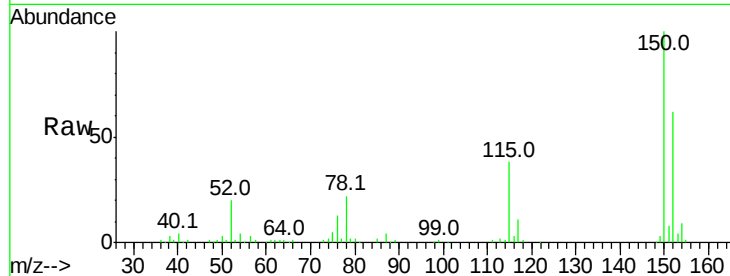


#1

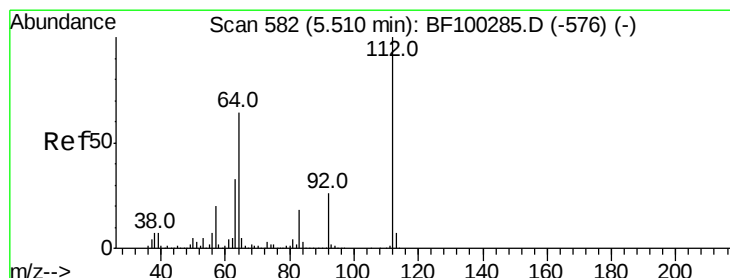
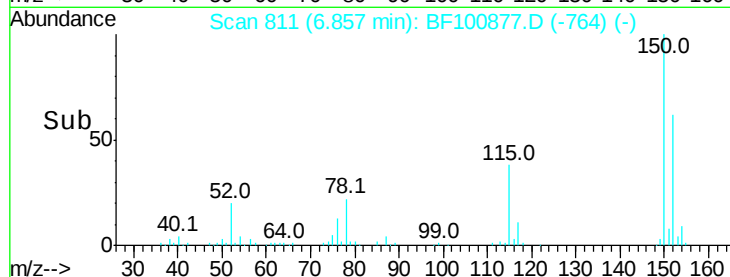
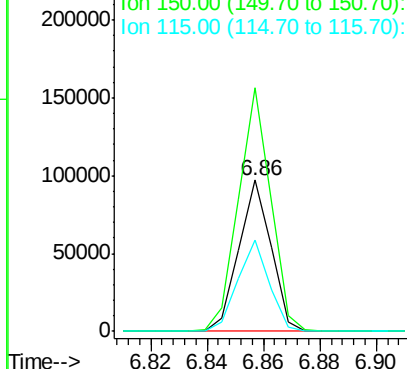
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 77103
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 60.8 50.1 75.1



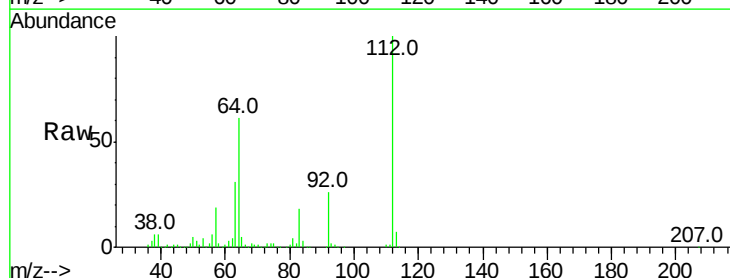
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



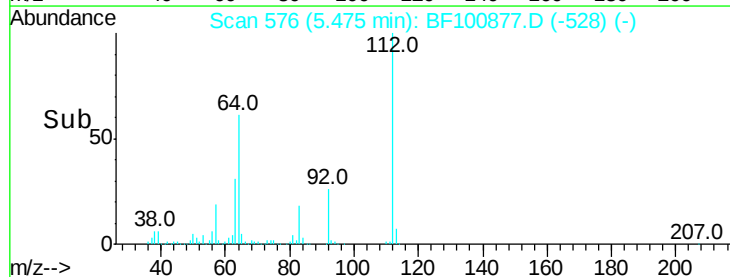
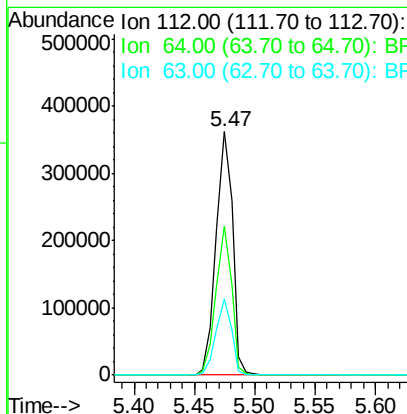
#5

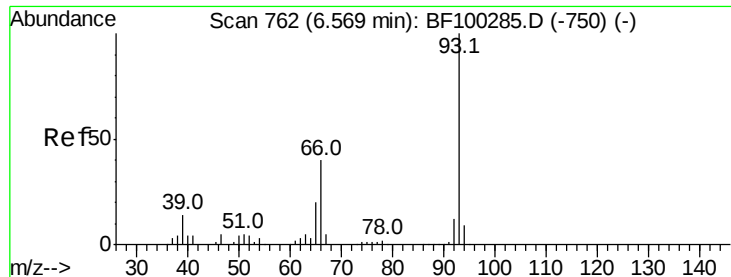
2-Fluorophenol
Concen: 70.474 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion:112 Resp: 338977
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 30.9 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: 0.079 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.08 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

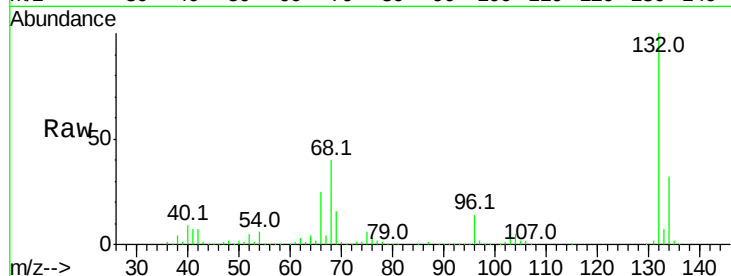
Tot Ion: 93 Resp: 663

Ion Ratio Lower Upper

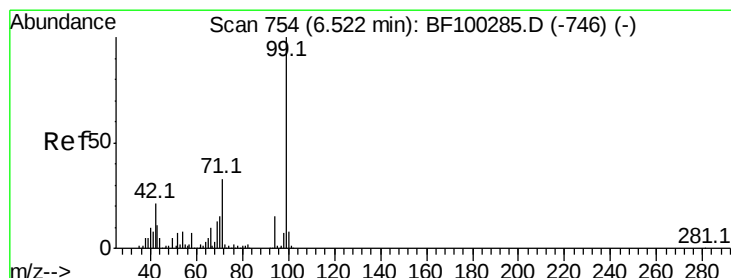
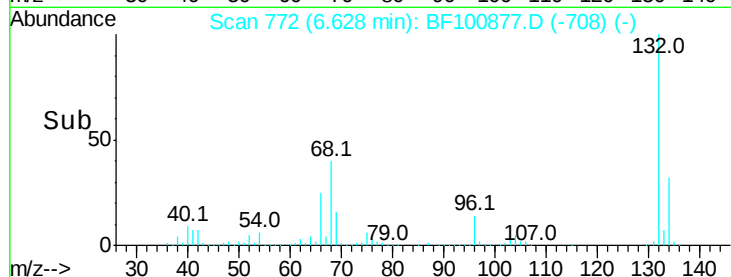
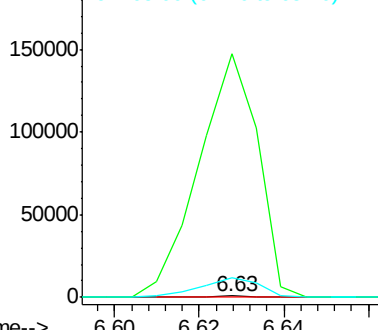
93 100

66 17966.8 32.2 48.2#

65 1461.2 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: 44.861 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

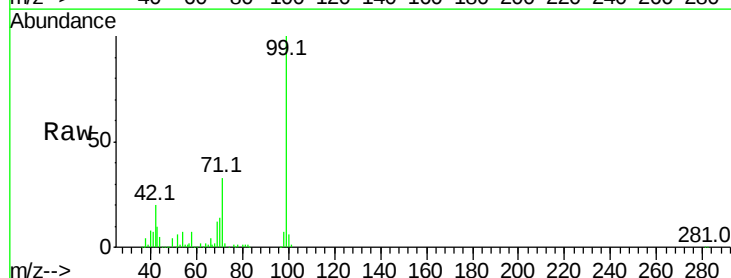
Tgt Ion: 99 Resp: 266087

Ion Ratio Lower Upper

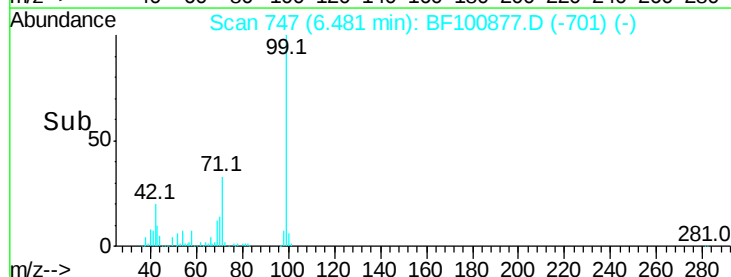
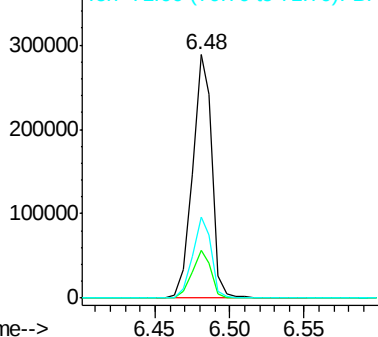
99 100

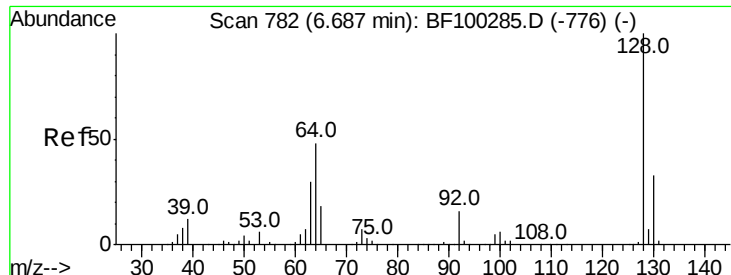
42 19.6 14.5 21.7

71 33.2 25.4 38.0



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





#8

2-Chlorophenol

Concen: 0.021 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

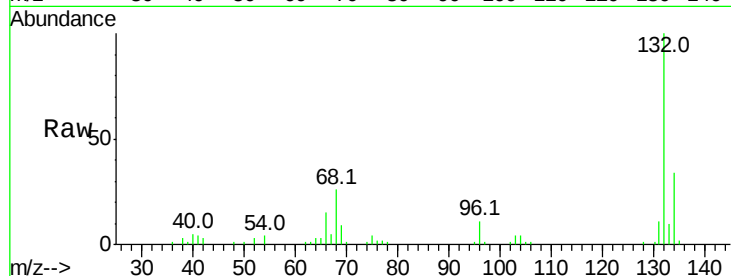
Tot Ion:128 Resp: 106

Ion Ratio Lower Upper

128 100

130 108.6 13.0 53.0#

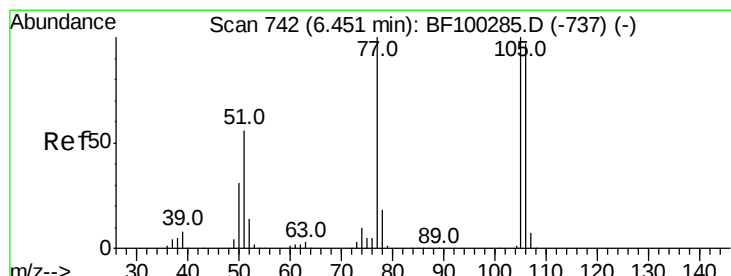
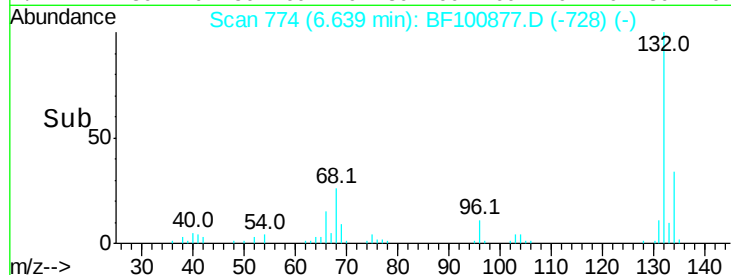
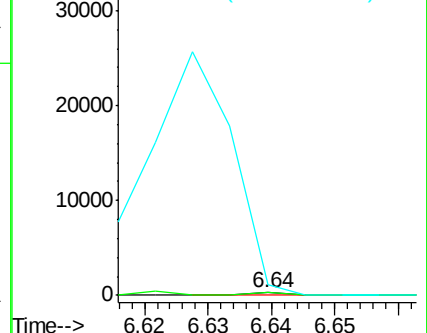
64 380.4 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 2.751 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

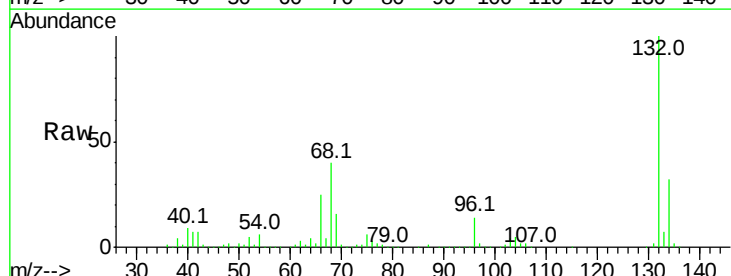
Tgt Ion: 77 Resp: 11653

Ion Ratio Lower Upper

77 100

105 88.6 81.1 121.1

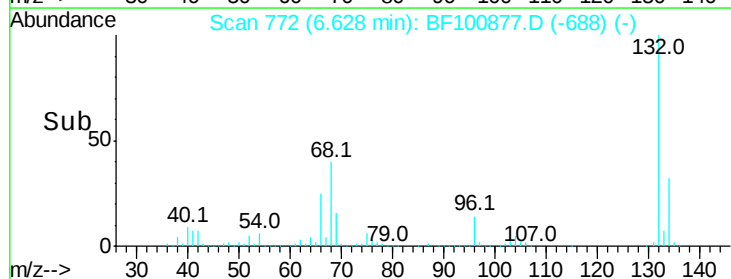
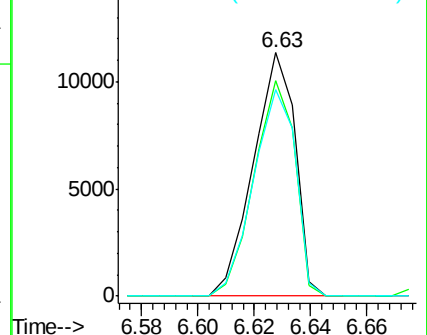
106 84.8 74.5 114.5

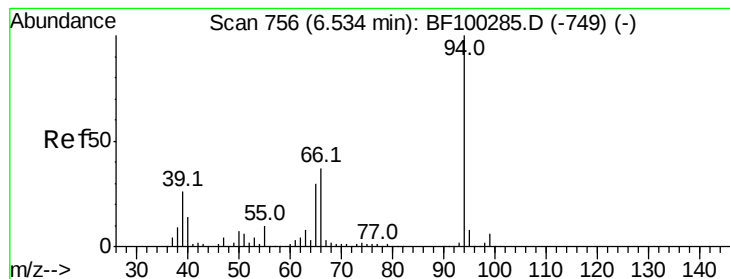


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.156 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.11 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

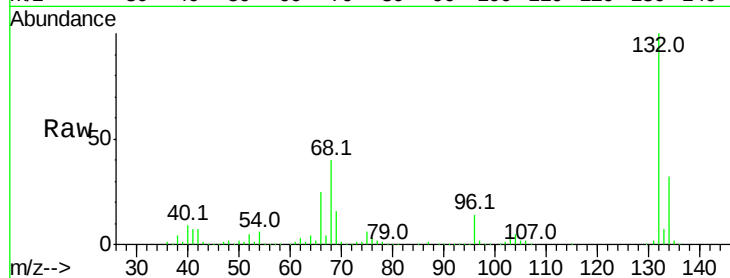
Tot Ion: 94 Resp: 971

Ion Ratio Lower Upper

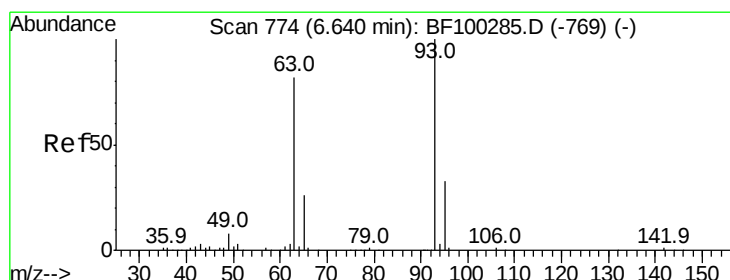
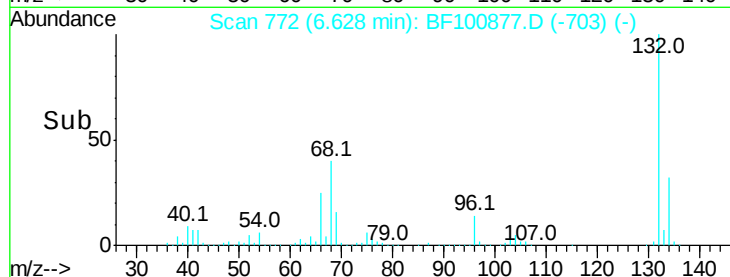
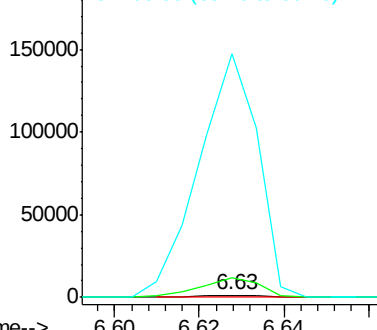
94 100

65 985.4 7.9 47.9#

66 12115.8 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: 0.127 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

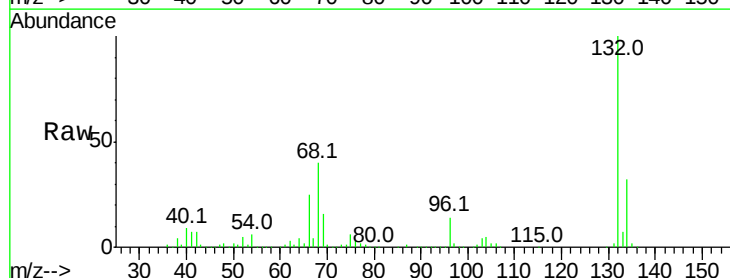
Tgt Ion: 93 Resp: 663

Ion Ratio Lower Upper

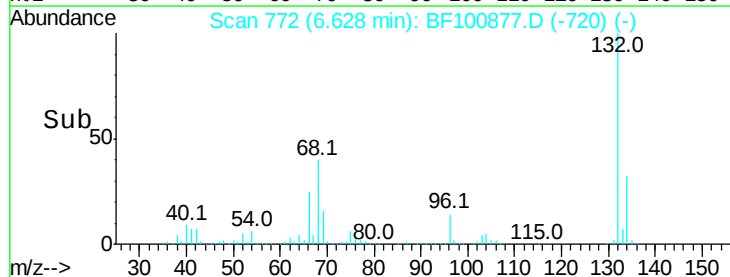
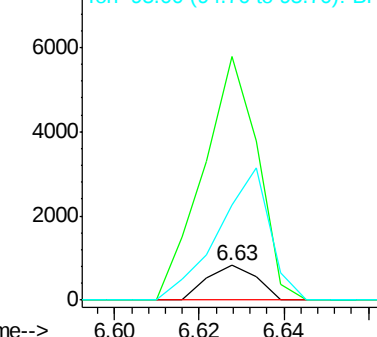
93 100

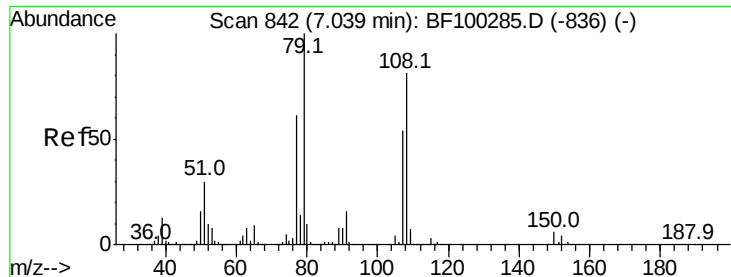
63 704.8 58.6 98.6#

95 277.1 11.8 51.8#



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





#15

Benzyl Alcohol

Concen: 1.690 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampled :

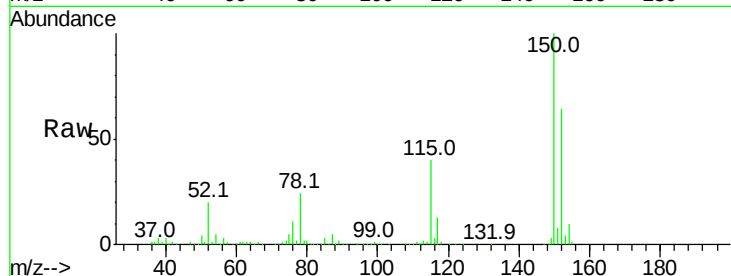
Tot Ion: 79 Resp: 7821

Ion Ratio Lower Upper

79 100

108 29.1 65.1 97.7#

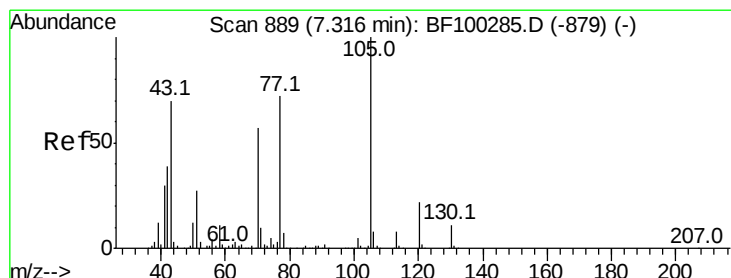
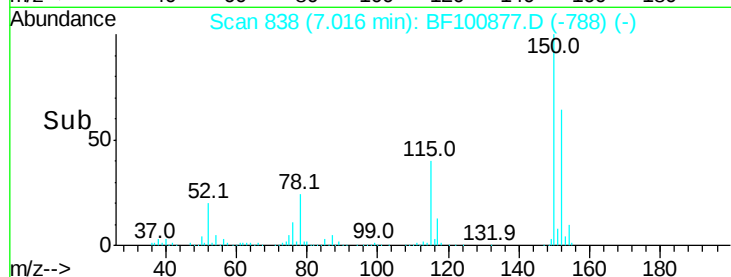
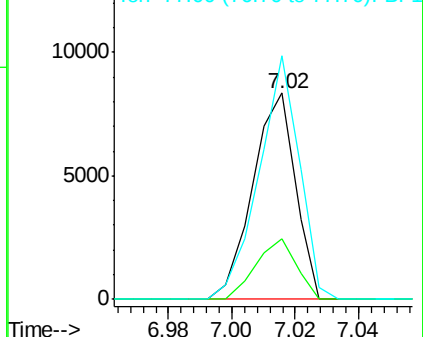
77 118.1 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.347 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.13 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Tgt Ion: 70 Resp: 67243

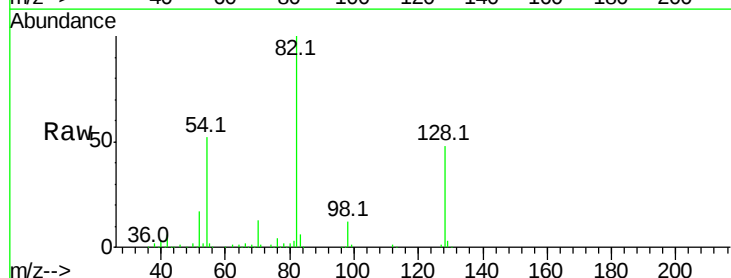
Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

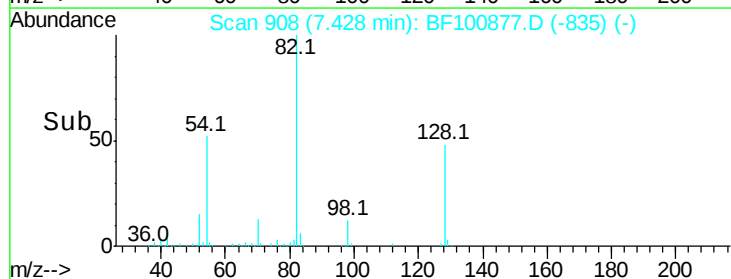
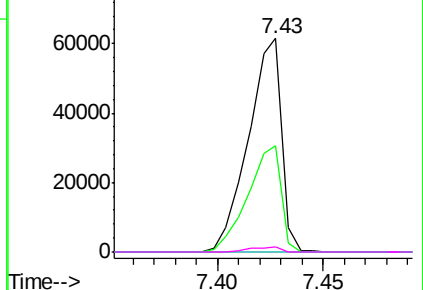


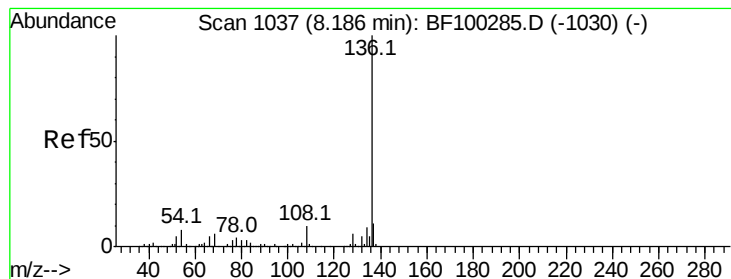
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 304375

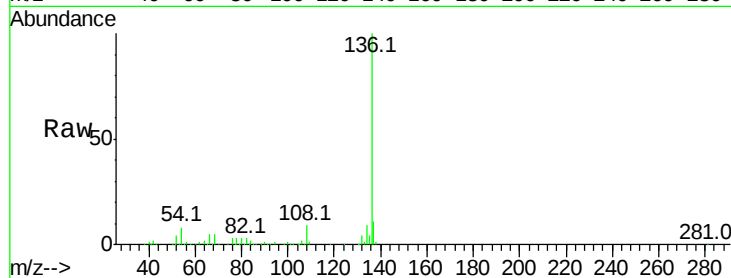
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.7 6.6 9.8

68 5.0 5.0 7.4

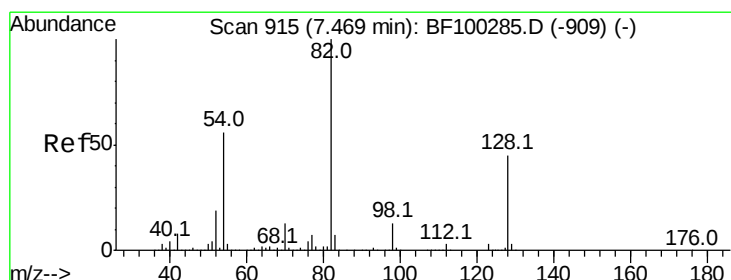
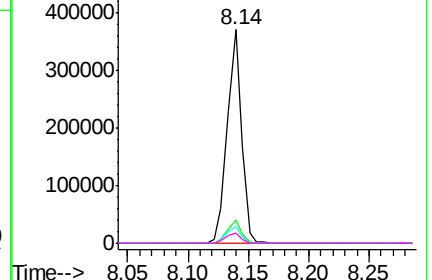
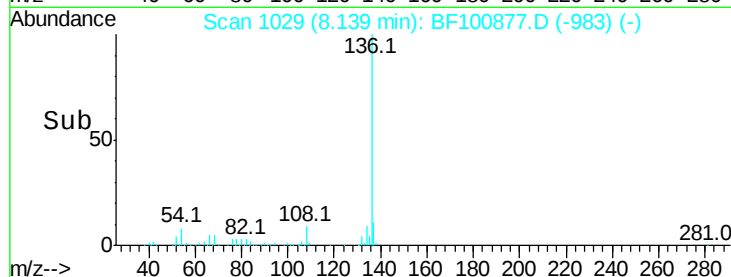


Abundance Ion 136.00 (135.70 to 136.70): E

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: 112.677 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

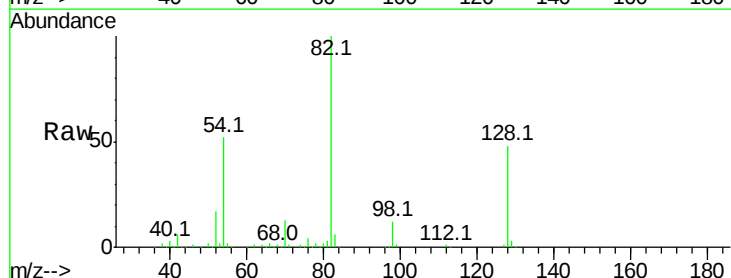
Tgt Ion: 82 Resp: 518748

Ion Ratio Lower Upper

82 100

128 48.4 36.1 54.1

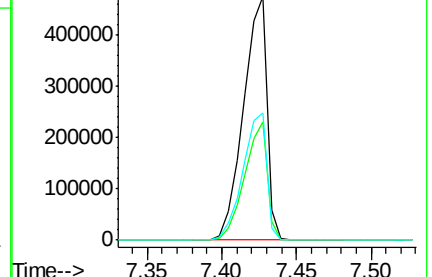
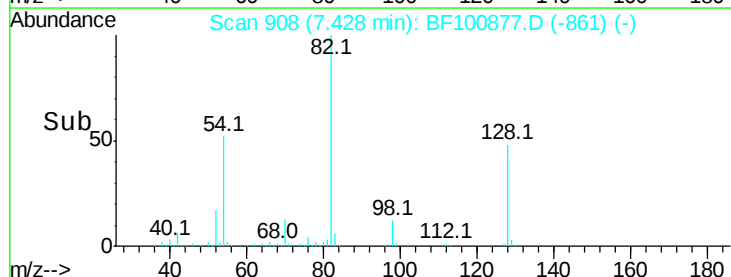
54 52.0 41.4 62.2

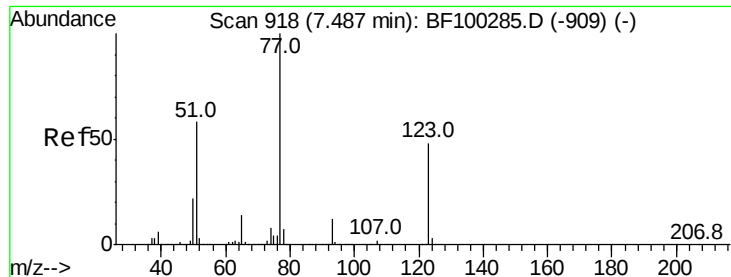


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

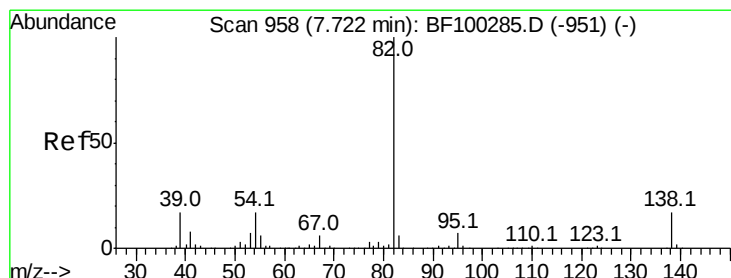
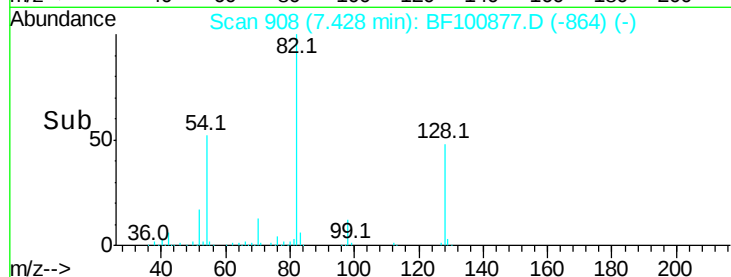
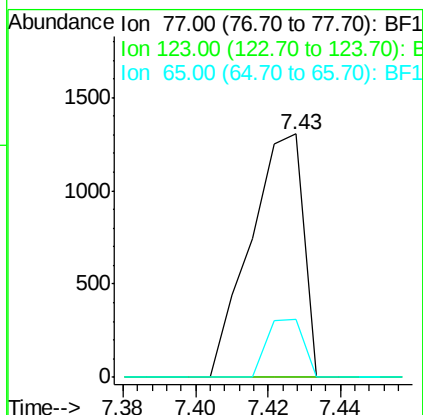
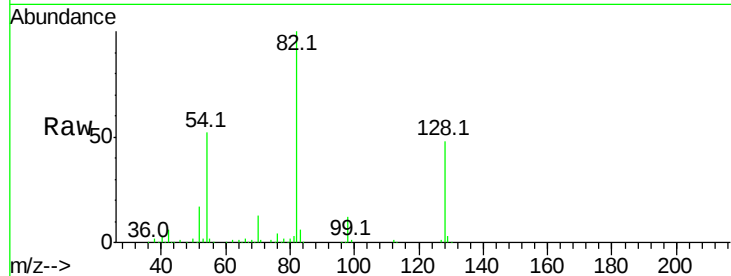




#24
Nitrobenzene
Concen: 0.279 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.04 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

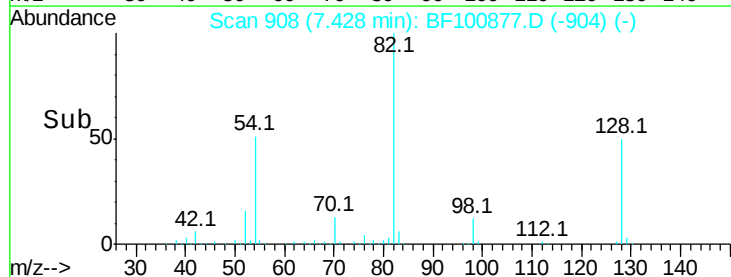
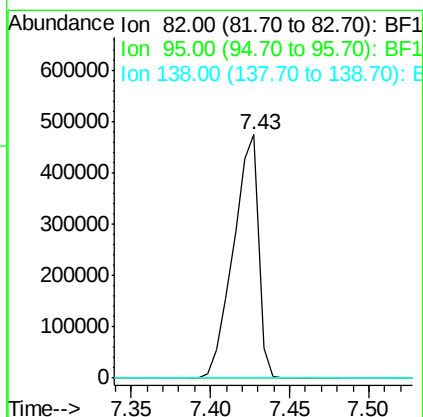
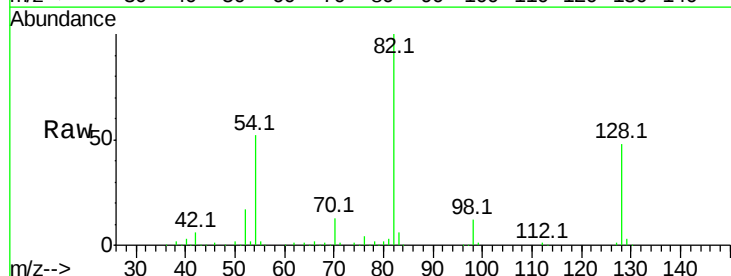
Instrument :
BNA_F
ClientSampled :

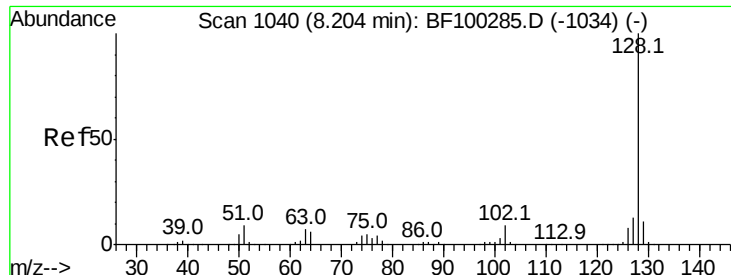
Tot Ion: 77 Resp: 1320
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 23.6 11.0 16.4#



#25
Isophorone
Concen: 53.619 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.28 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion: 82 Resp: 518743
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

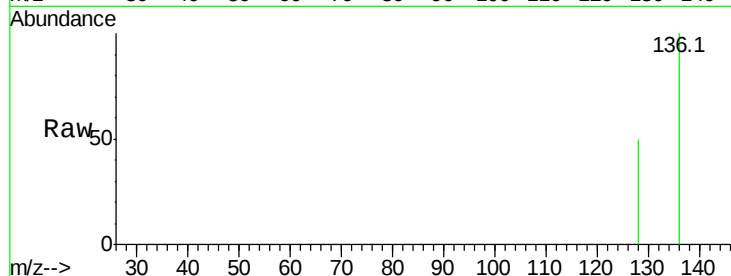




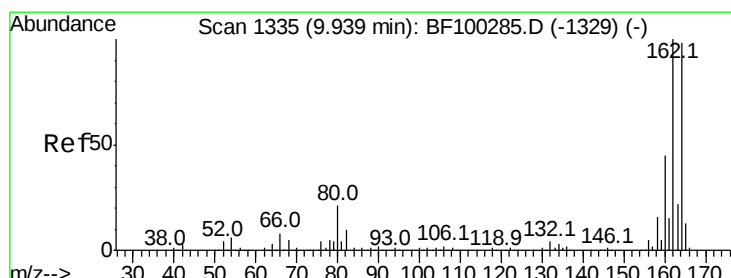
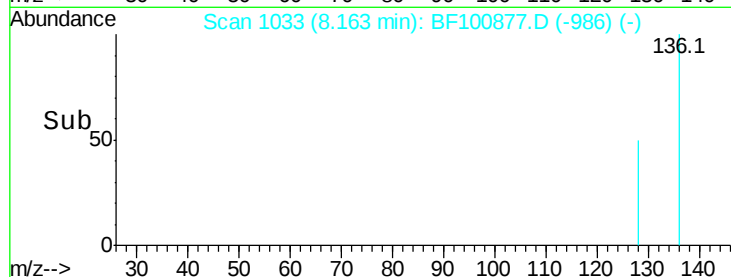
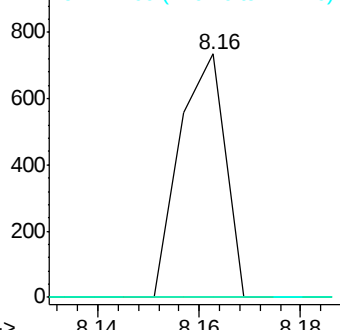
#31
Naphthalene
Concen: 0.031 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 457
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.9 16.3#

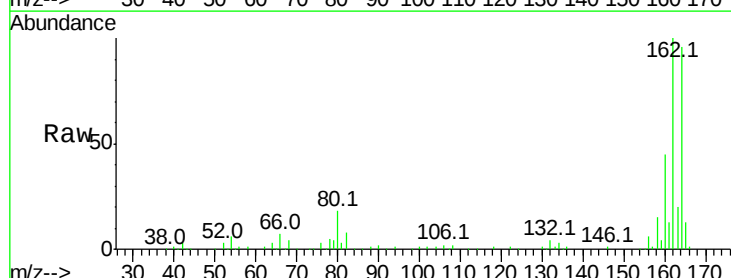


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

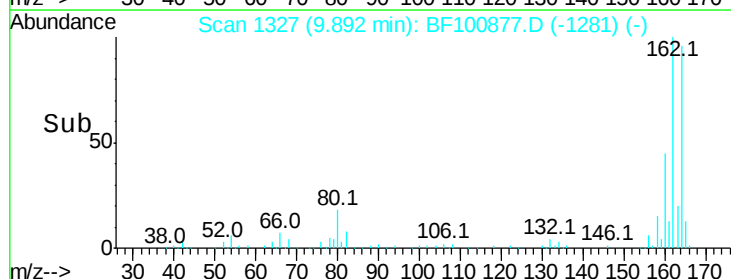
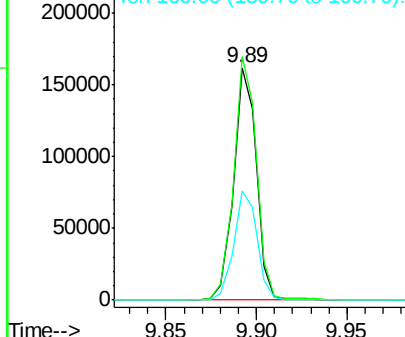


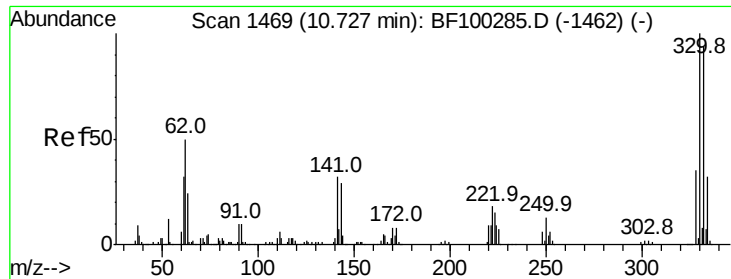
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion:164 Resp: 141605
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 47.2 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

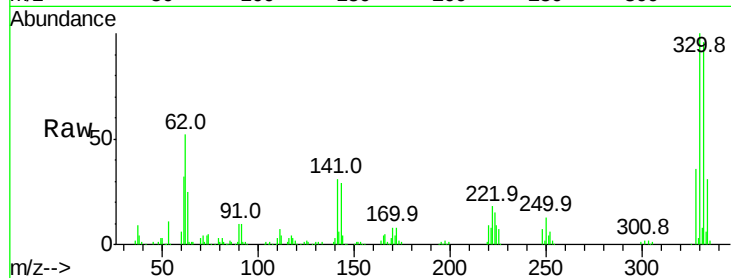




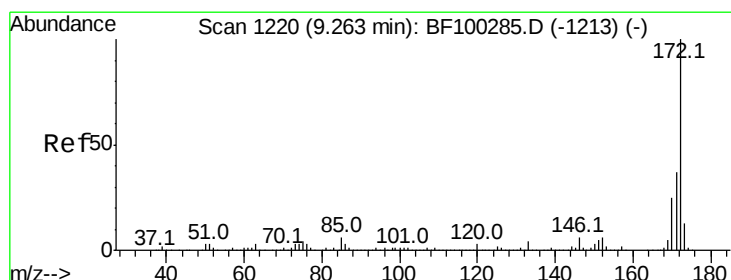
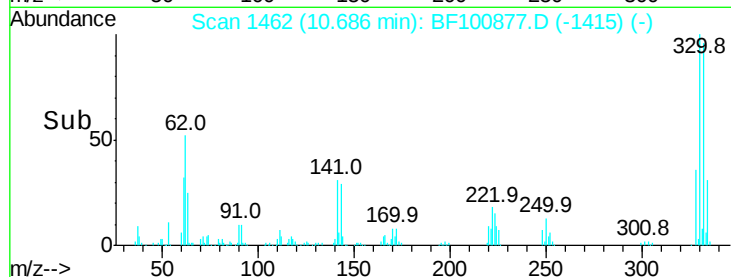
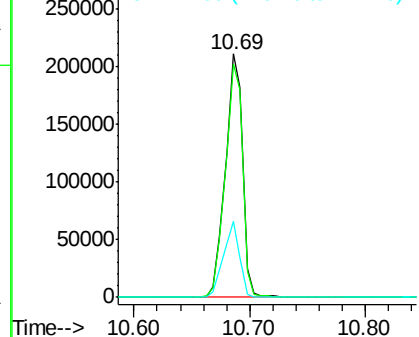
#41
 2,4,6-Tribromophenol
 Concen: 151.005 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100877.D
 Acq: 23 Nov 2017 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.3	29.9	44.9#

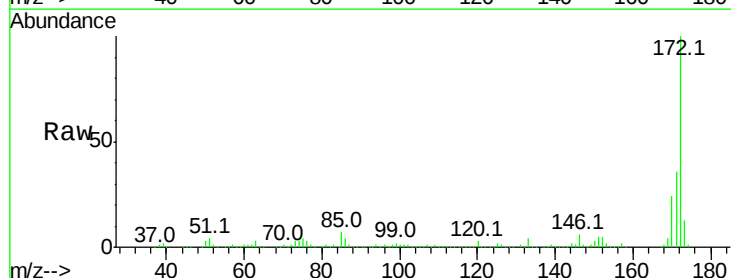


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

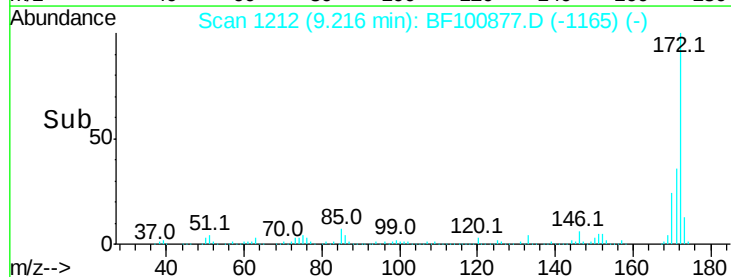
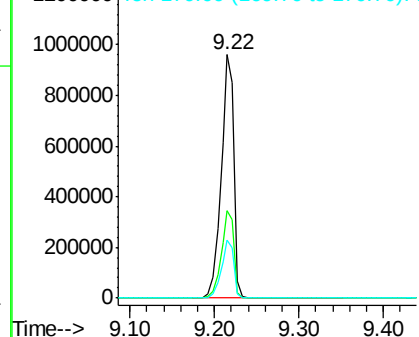


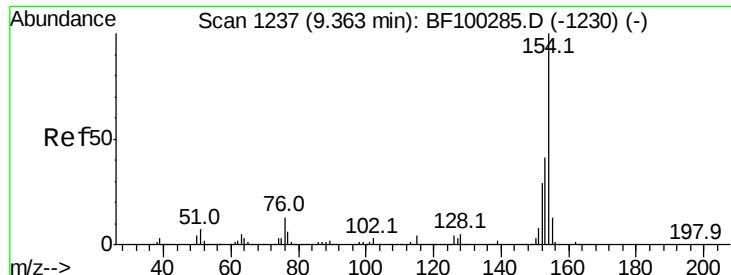
#44
 2-Fluorobiphenyl
 Concen: 109.413 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100877.D
 Acq: 23 Nov 2017 15:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	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: 0.240 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

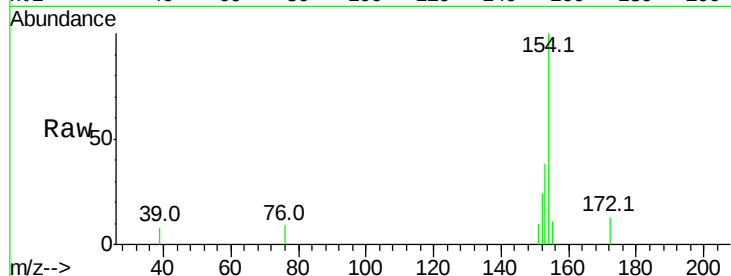
Tot Ion:154 Resp: 2934

Ion Ratio Lower Upper

154 100

153 38.0 21.3 61.3

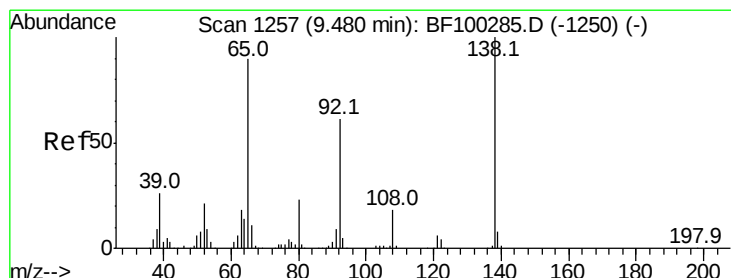
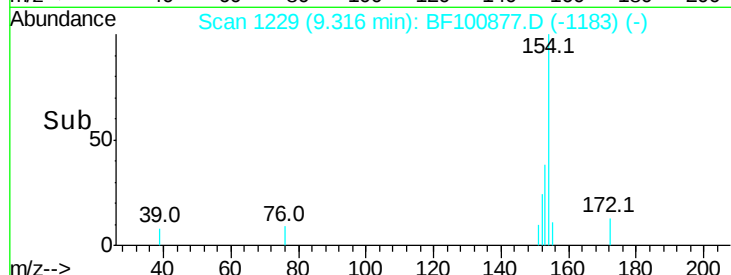
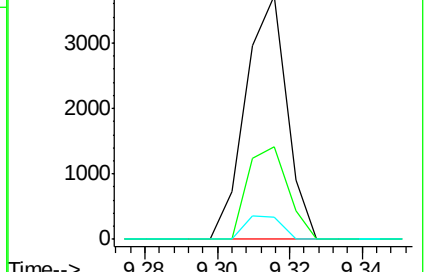
76 8.9 0.0 34.0



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



#47

2-Nitroaniline

Concen: 3.324 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

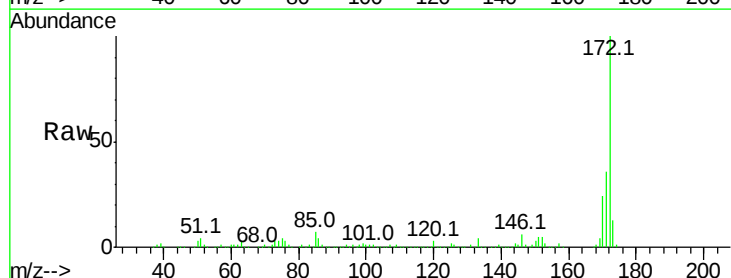
Tgt Ion: 65 Resp: 1504

Ion Ratio Lower Upper

65 100

92 149.0 55.8 83.6#

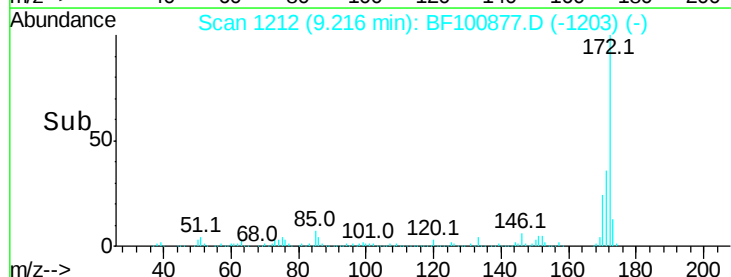
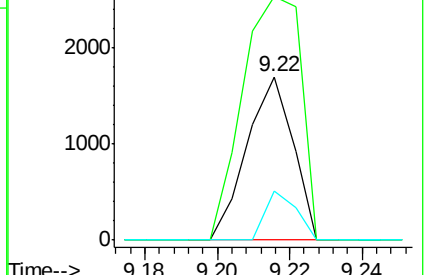
138 30.0 91.2 136.8#

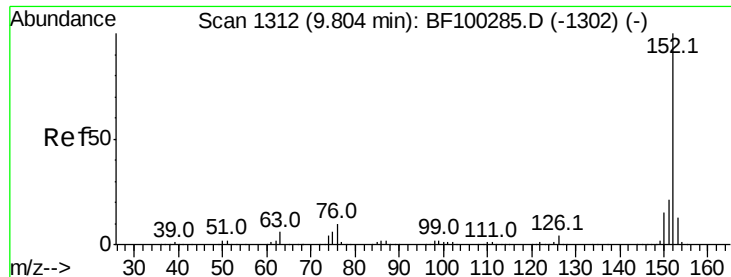


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.177 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

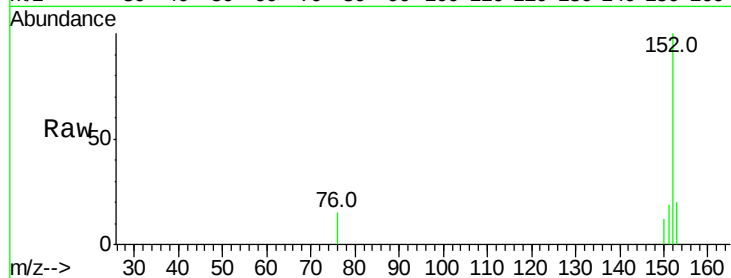
Tot Ion:152 Resp: 2613

Ion Ratio Lower Upper

152 100

151 18.8 16.3 24.5

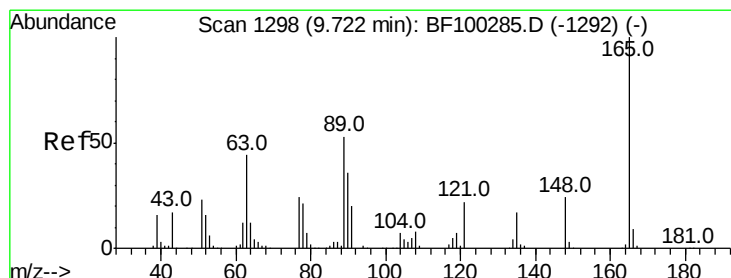
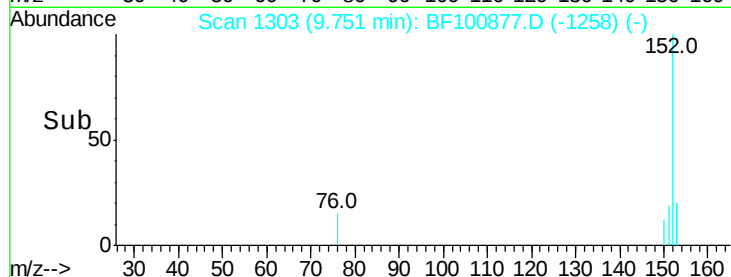
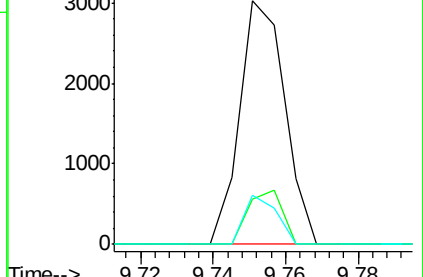
153 20.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 8.368 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

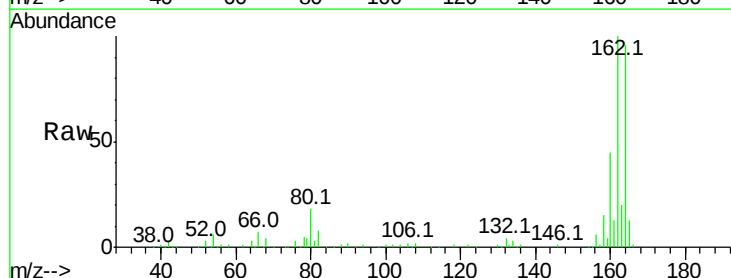
Tgt Ion:165 Resp: 17908

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

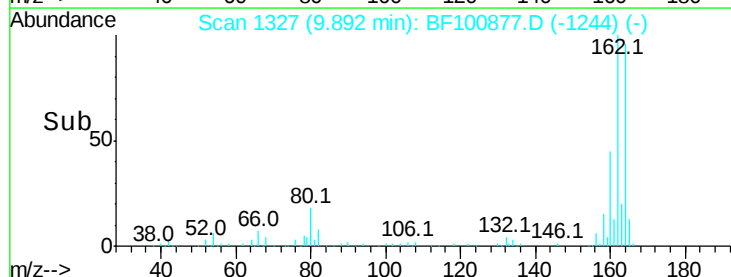
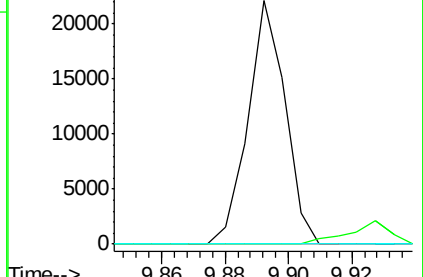
89 0.0 44.0 66.0#

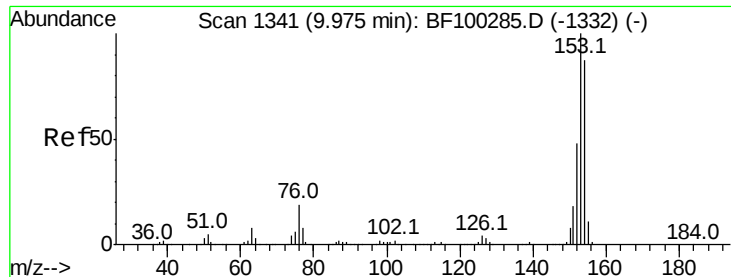


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.058 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

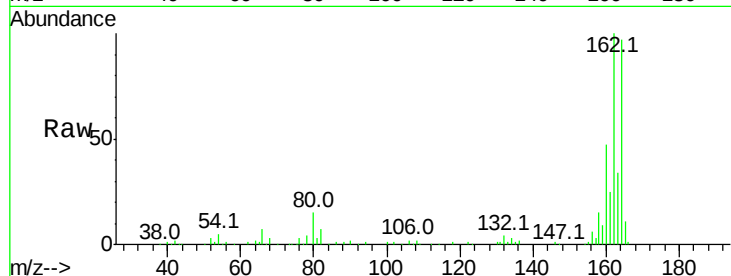
Tot Ion:154 Resp: 518

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

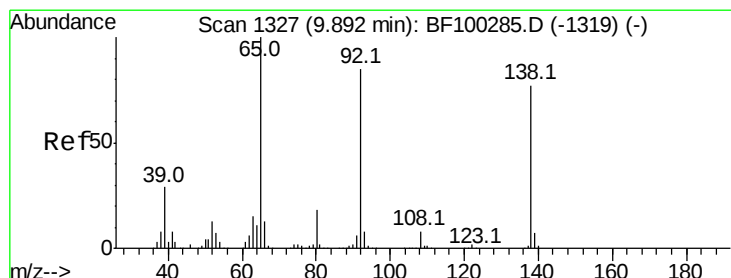
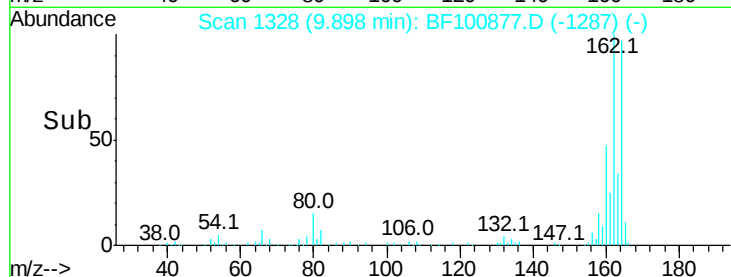
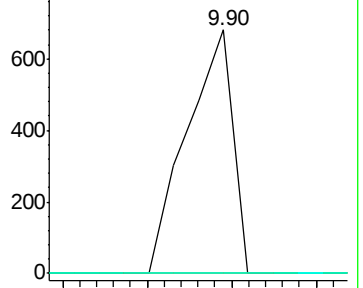
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.042 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.14 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

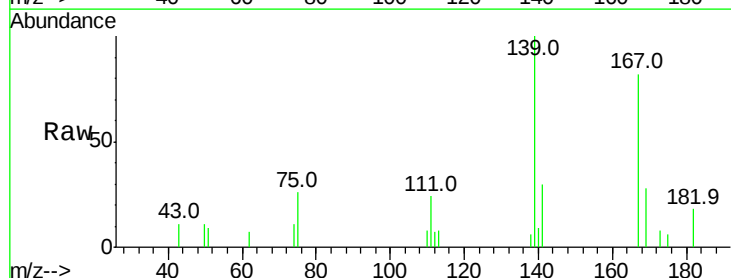
Tgt Ion:138 Resp: 106

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

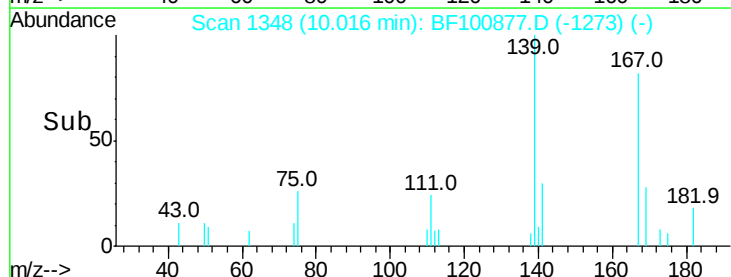
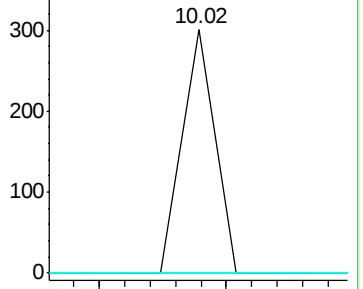
92 0.0 89.4 134.2#

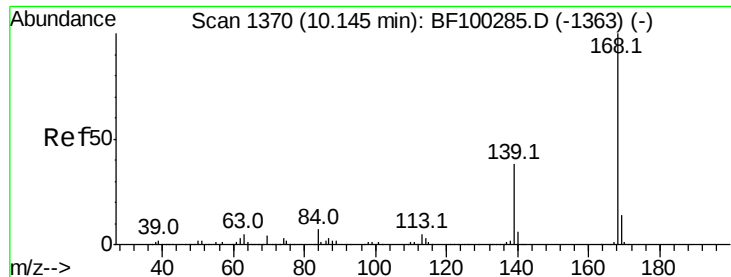


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzofuran

Concen: 0.010 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.12 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

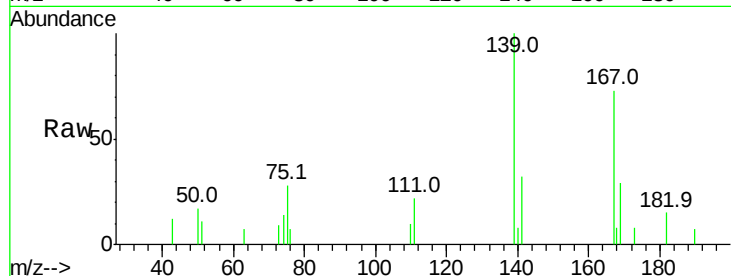
Tot Ion:168 Resp: 120

Ion Ratio Lower Upper

168 100

139 1317.9 30.1 45.1#

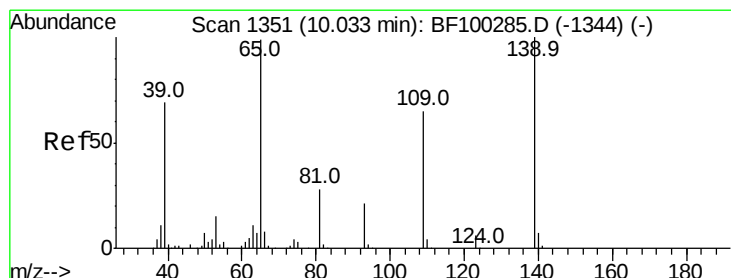
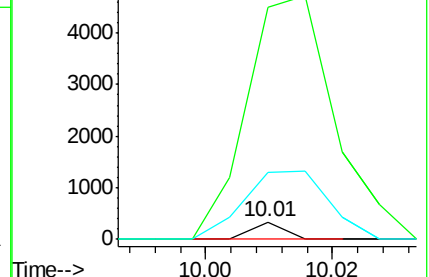
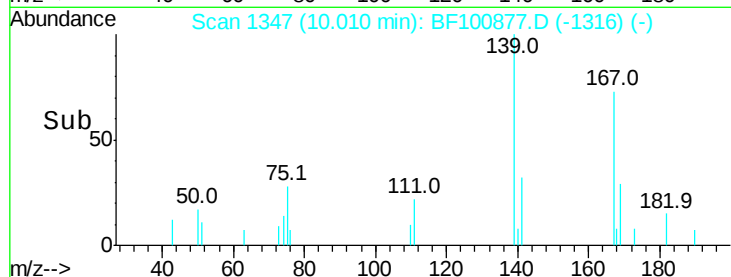
169 382.1 10.9 16.3#



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: 2.202 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

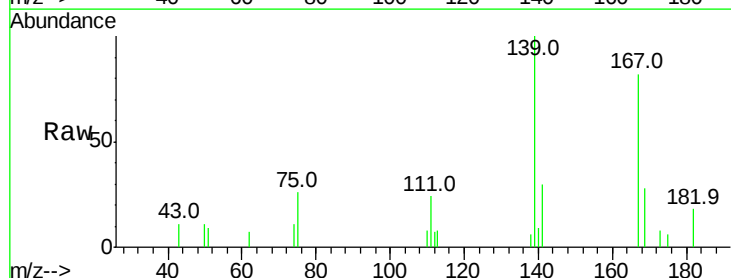
Tgt Ion:139 Resp: 4519

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

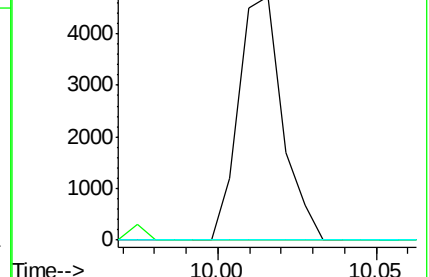
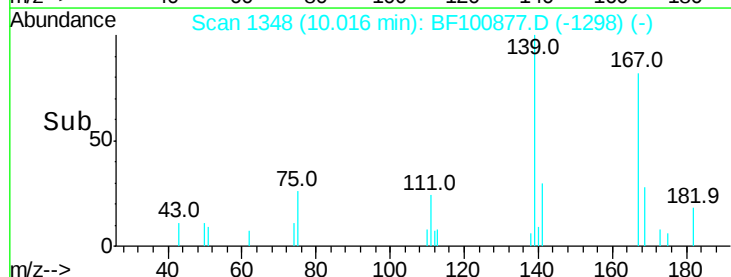
65 0.0 72.6 112.6#

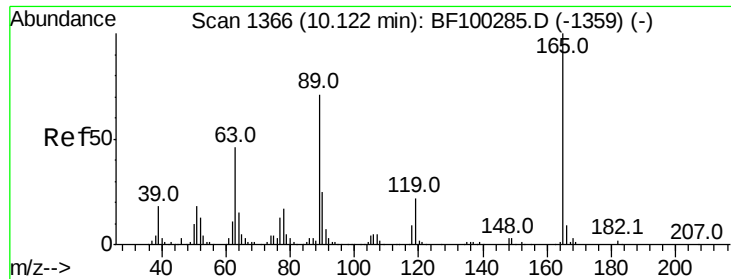


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

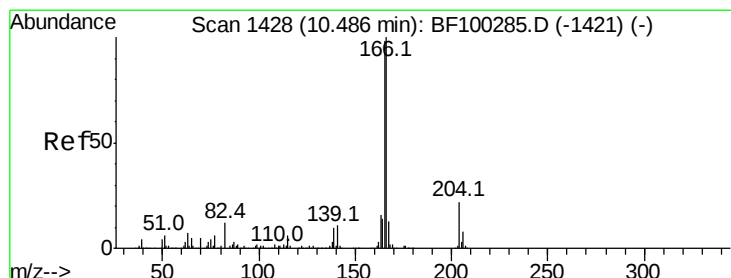
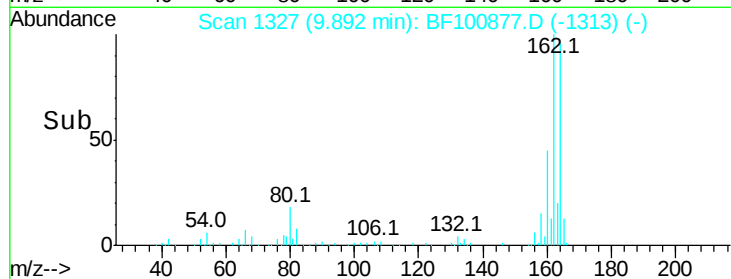
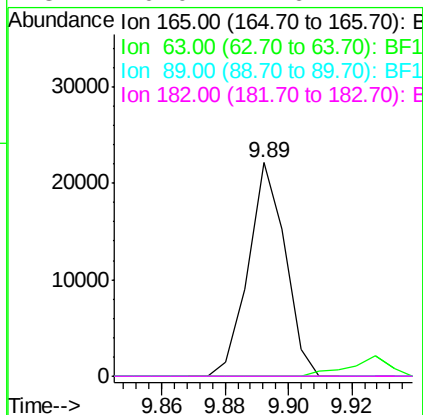
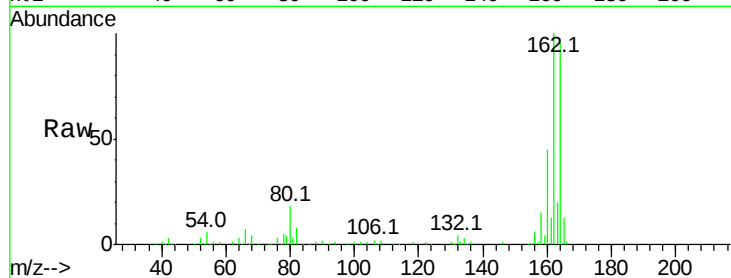




#56
2,4-Dinitrotoluene
Concen: 6.633 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.22 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

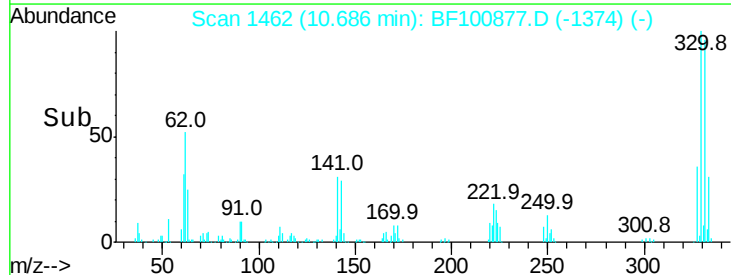
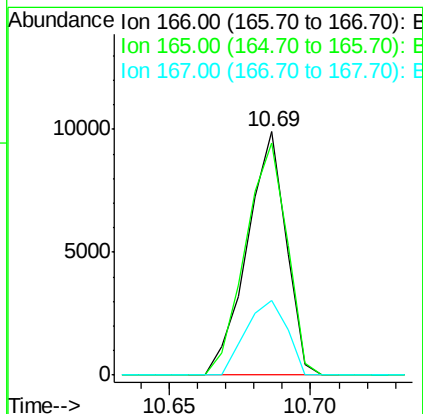
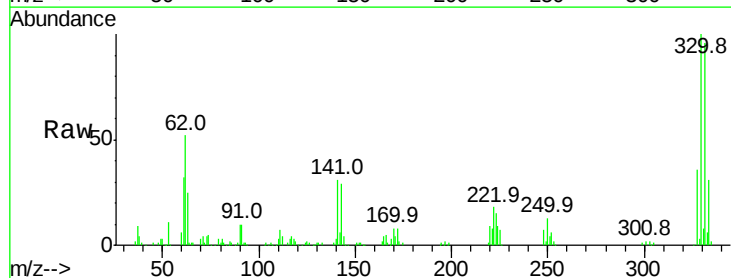
Instrument :
BNA_F
ClientSampleId :

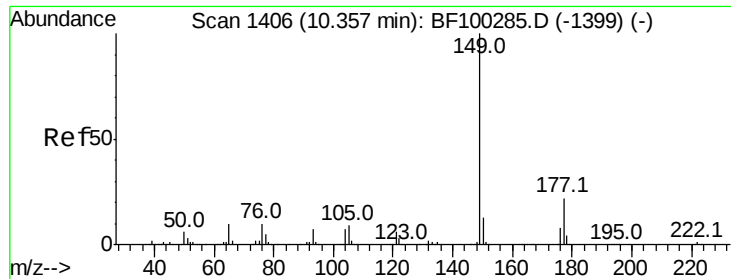
Tot Ion:165 Resp: 17908
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 1.031 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.22 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion:166 Resp: 9476
Ion Ratio Lower Upper
166 100
165 95.2 79.8 119.8
167 30.5 10.6 16.0#

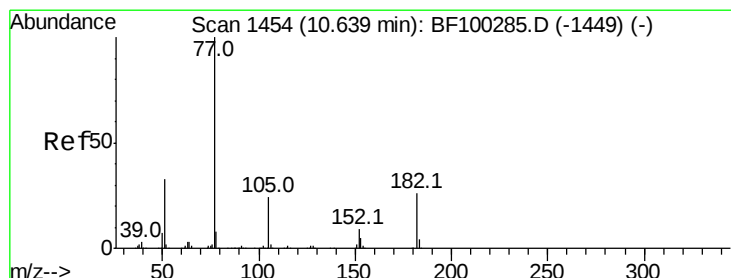
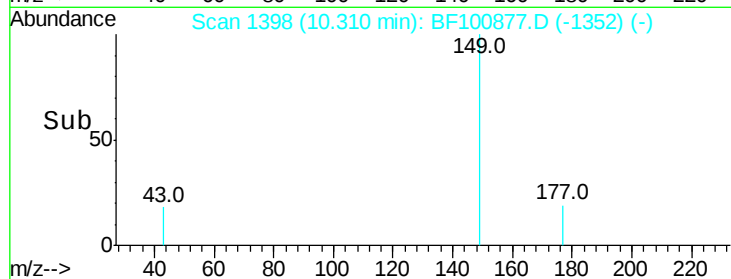
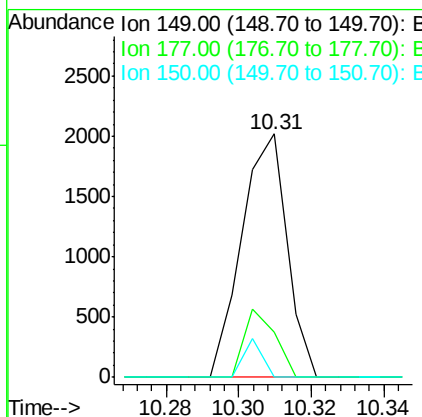
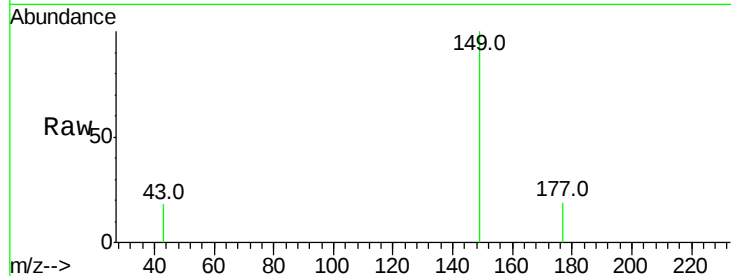




#59
Diethylphthalate
Concen: 0.162 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

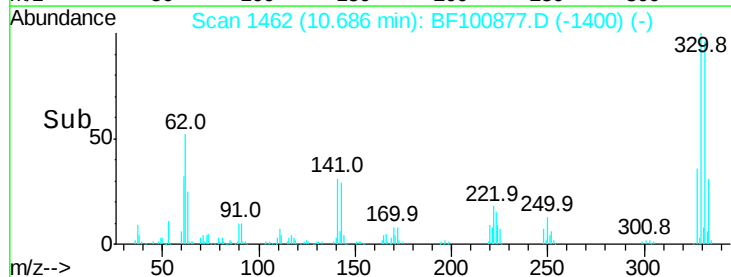
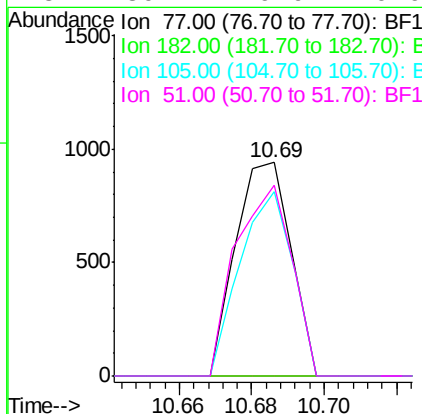
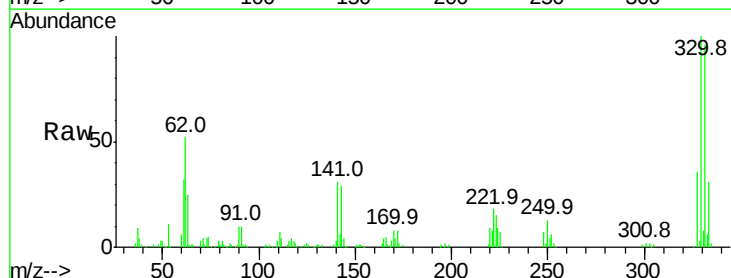
Instrument :
BNA_F
ClientSampleId :

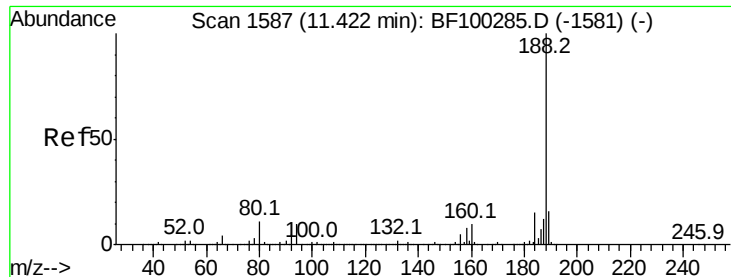
Tot Ion:149 Resp: 1748
Ion Ratio Lower Upper
149 100
177 18.6 16.1 24.1
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.098 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.06 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion: 77 Resp: 998
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 86.2 3.0 43.0#
51 89.1 9.9 49.9#

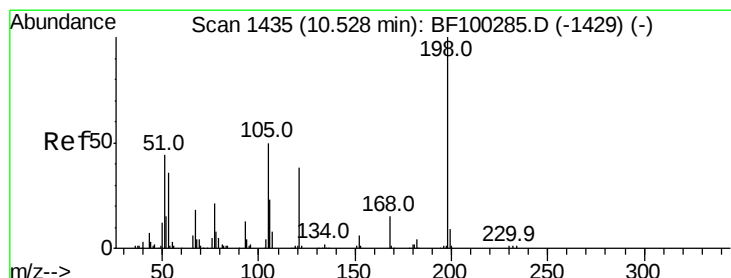
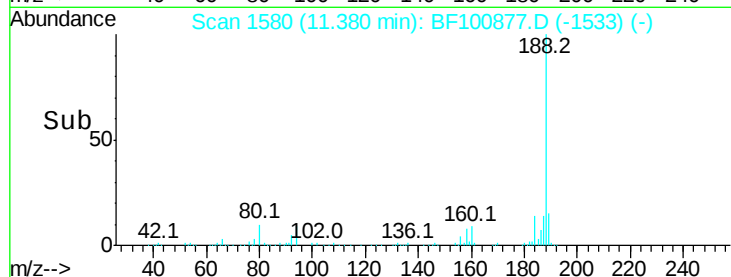
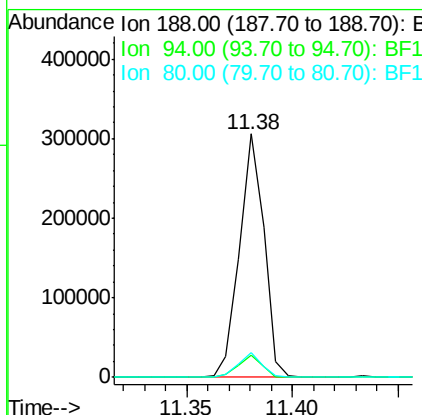
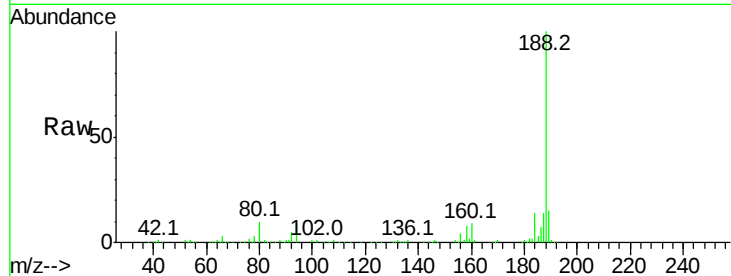




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF100877.D
 Acq: 23 Nov 2017 15:58

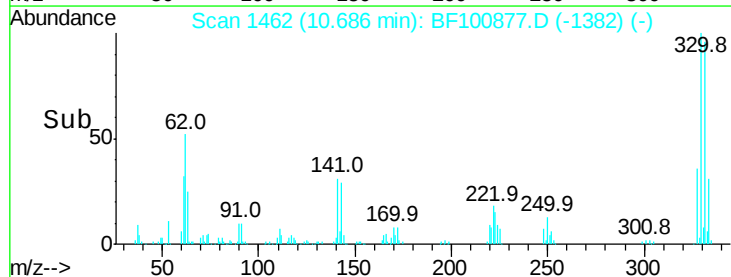
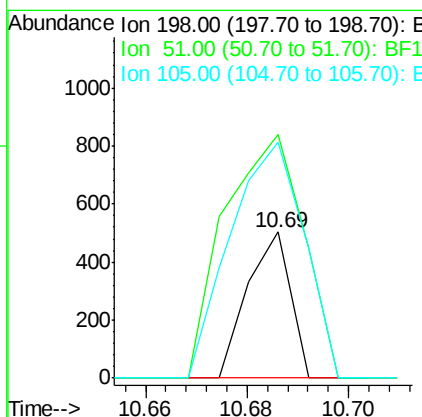
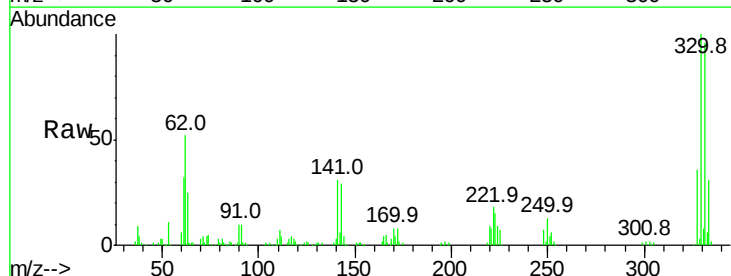
Instrument :
 BNA_F
 ClientSampleId :

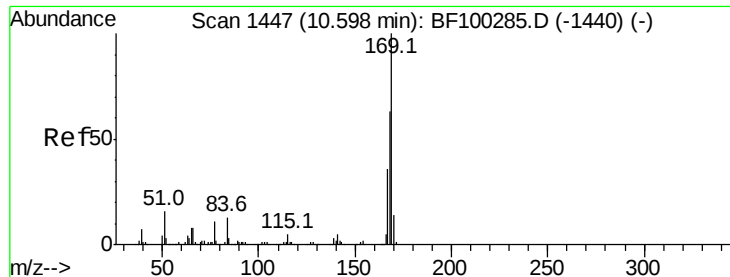
Tot Ion:188 Resp: 245861
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 10.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.765 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.17 min
 Lab File: BF100877.D
 Acq: 23 Nov 2017 15:58

Tgt Ion:198 Resp: 295
 Ion Ratio Lower Upper
 198 100
 51 166.8 37.7 77.7#
 105 161.4 36.3 76.3#

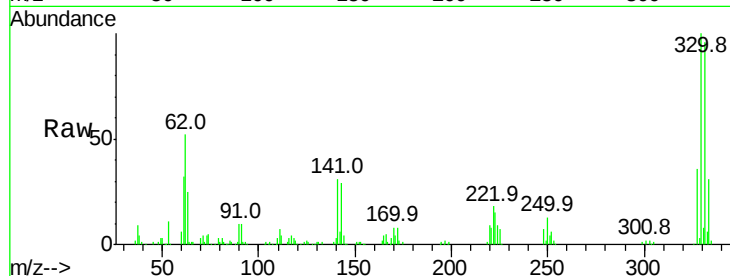




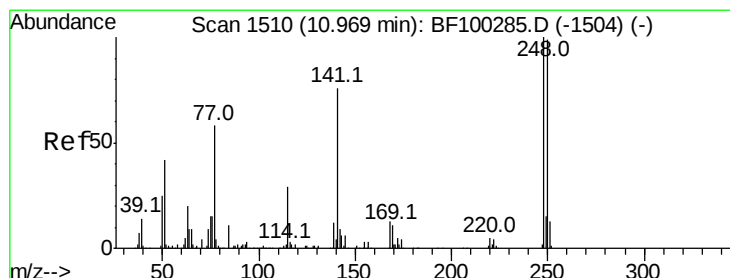
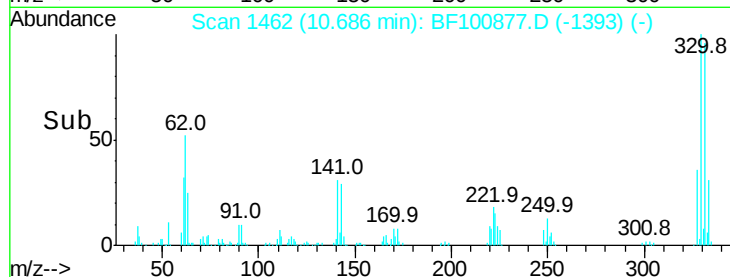
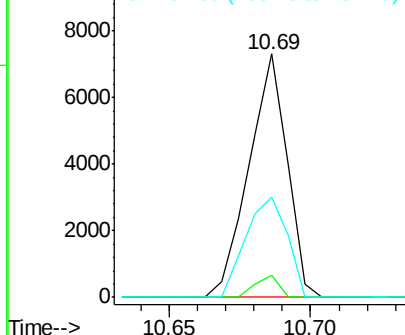
#65
n-Nitrosodiphenylamine
Concen: 0.800 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.11 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 6842
Ion Ratio Lower Upper
169 100
168 8.9 54.4 81.6#
167 41.3 29.8 44.6

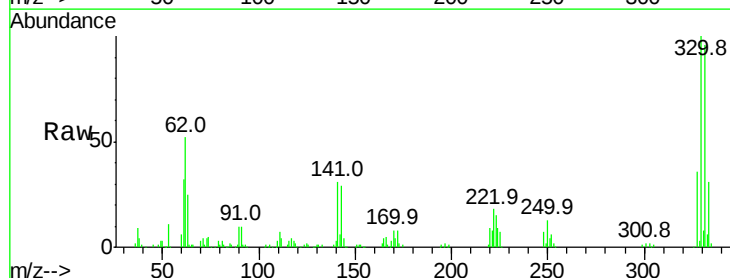


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

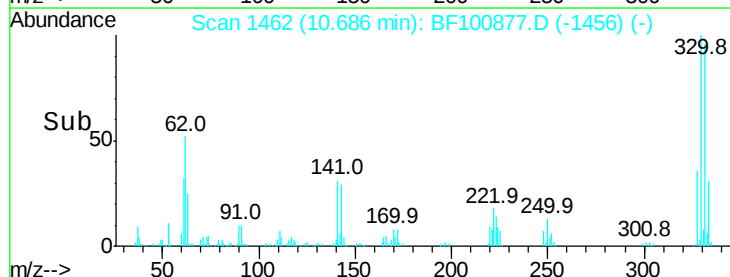
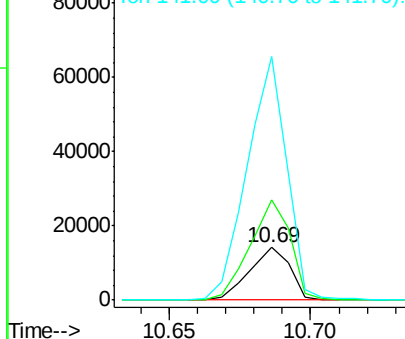


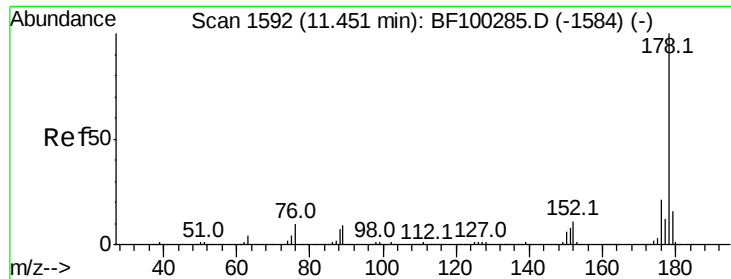
#66
4-Bromophenyl-phenylether
Concen: 5.318 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.26 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion:248 Resp: 14015
Ion Ratio Lower Upper
248 100
250 190.6 76.9 115.3#
141 462.8 74.4 111.6#



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





#70

Phenanthrene

Concen: 0.238 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

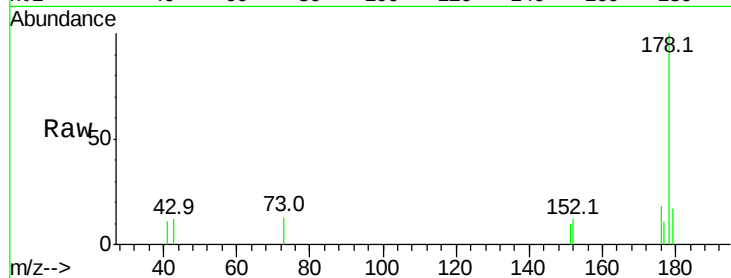
Tot Ion:178 Resp: 3086

Ion Ratio Lower Upper

178 100

176 17.5 15.8 23.8

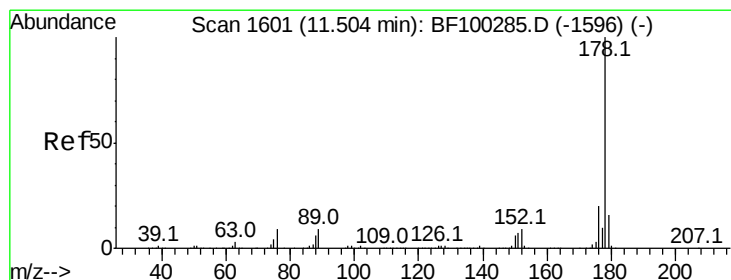
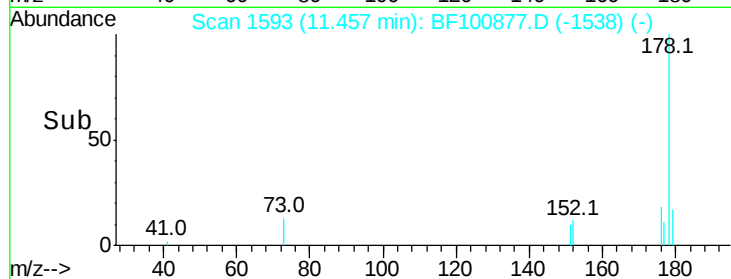
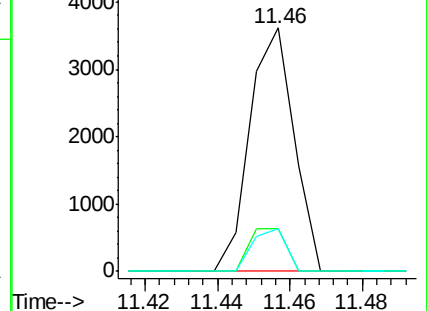
179 17.3 13.0 19.6



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: 0.235 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.03 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

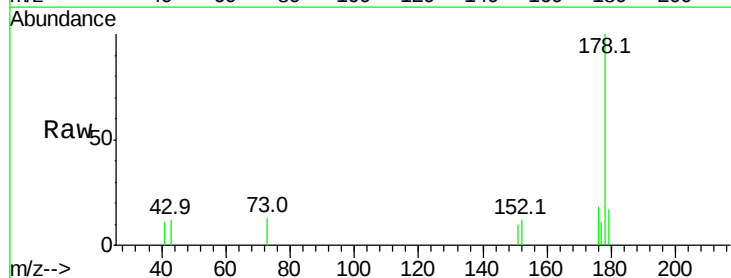
Tgt Ion:178 Resp: 3086

Ion Ratio Lower Upper

178 100

176 17.5 15.4 23.2

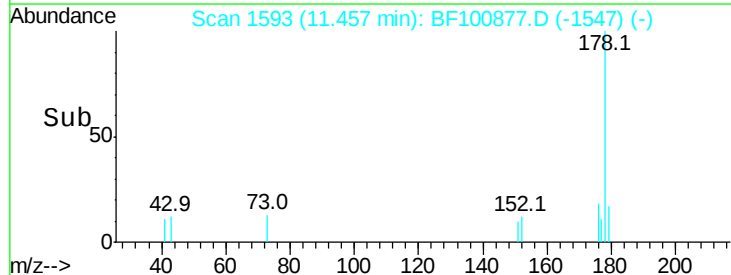
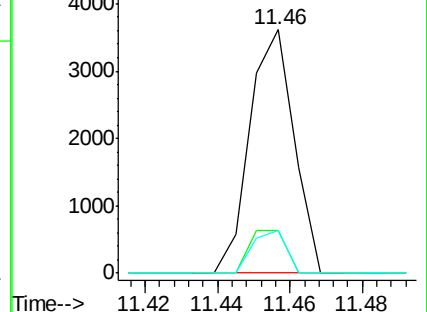
179 17.3 12.6 19.0

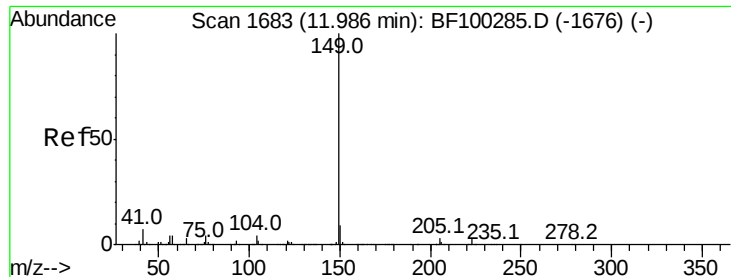


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.162 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

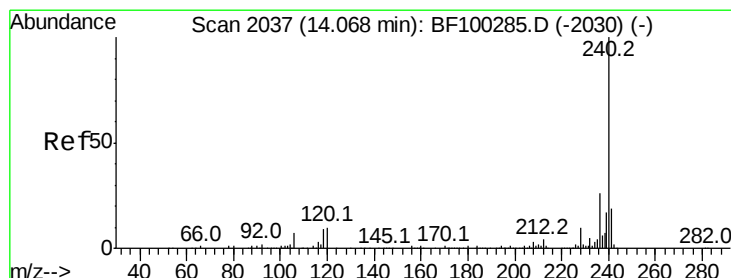
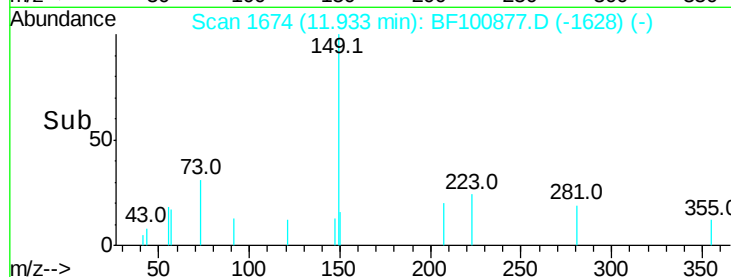
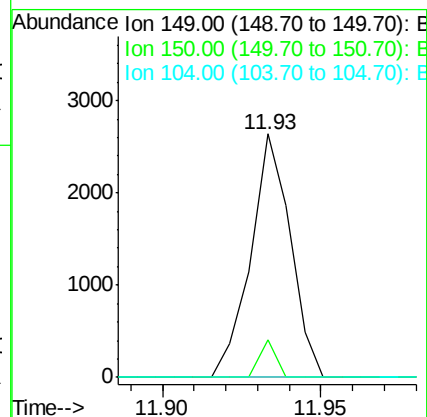
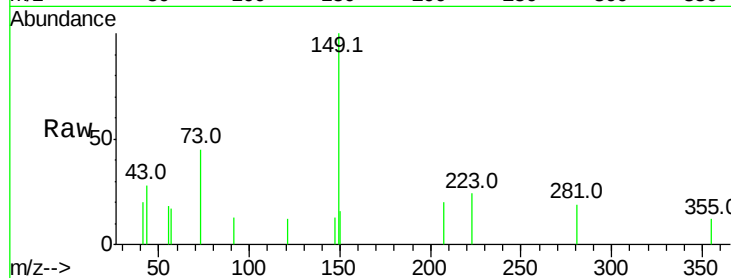
Tot Ion:149 Resp: 2298

Ion Ratio Lower Upper

149 100

150 15.6 7.8 11.6#

104 0.0 3.8 5.8#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

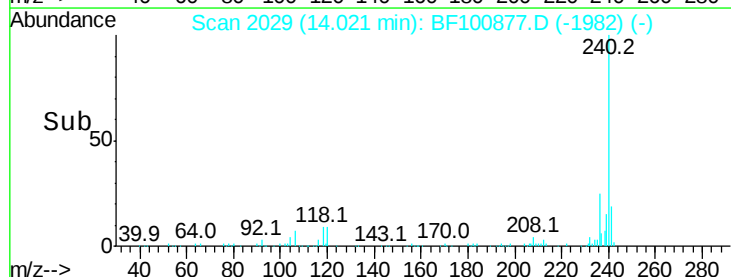
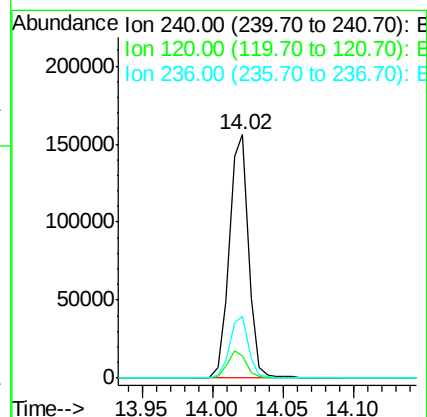
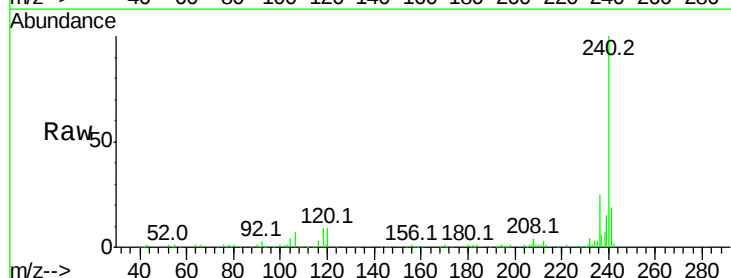
Tgt Ion:240 Resp: 148229

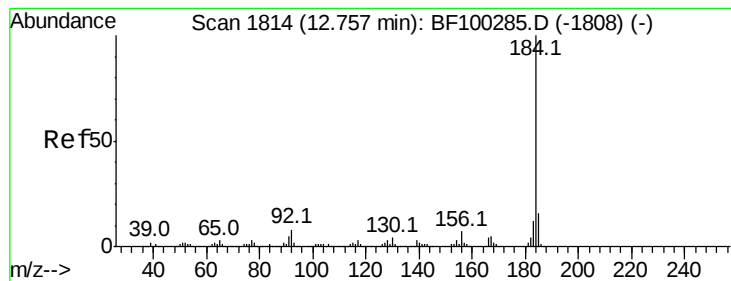
Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

236 25.3 20.7 31.1





#76

Benzidine

Concen: 1.397 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

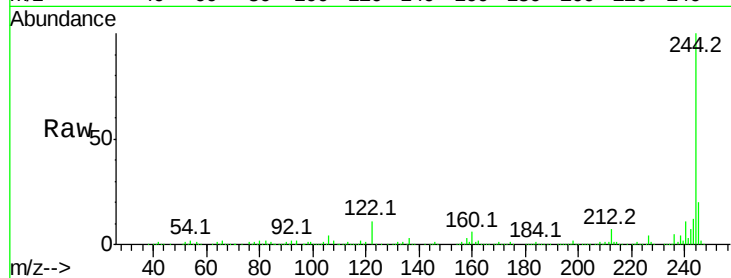
Tot Ion:184 Resp: 8294

Ion Ratio Lower Upper

184 100

185 20.2 12.6 18.8#

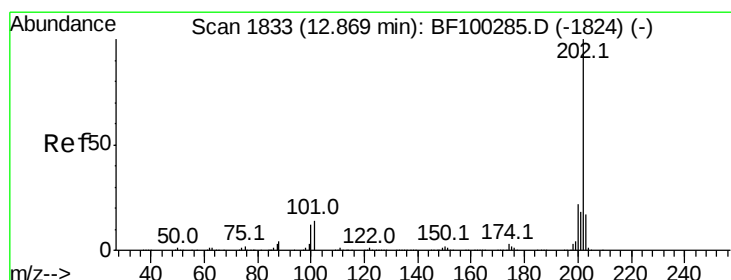
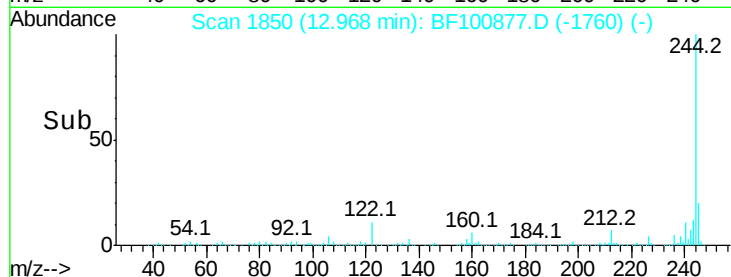
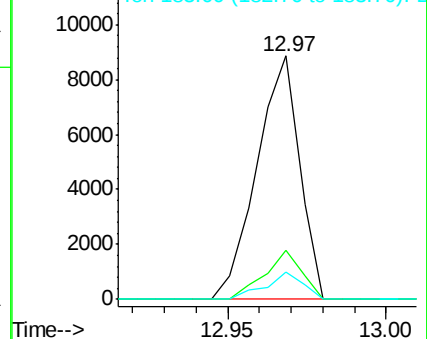
183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.218 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.12 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

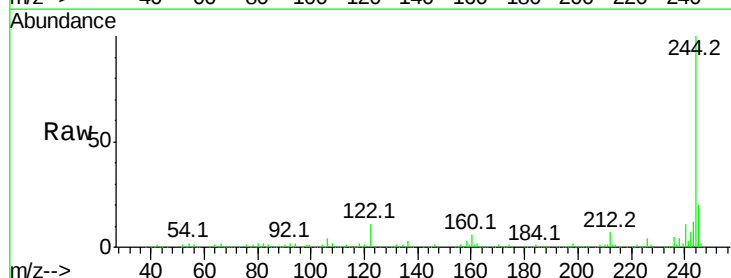
Tgt Ion:202 Resp: 2307

Ion Ratio Lower Upper

202 100

200 40.2 17.4 26.2#

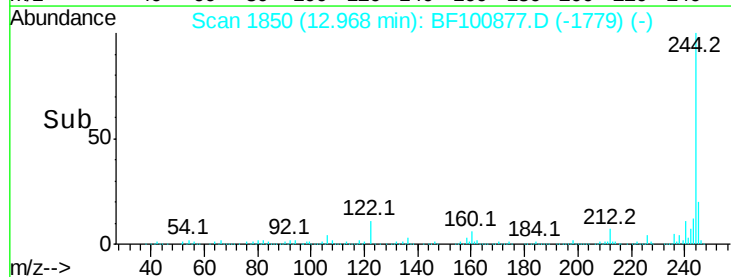
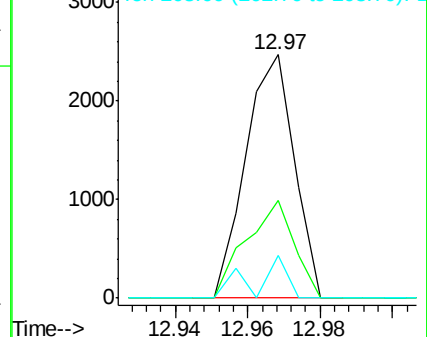
203 17.6 14.3 21.5

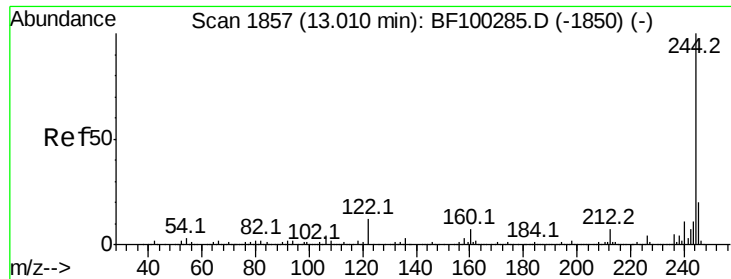


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

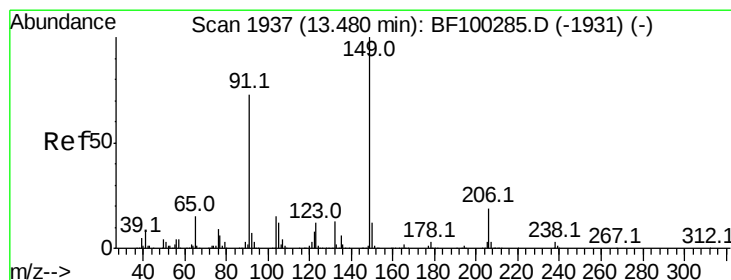
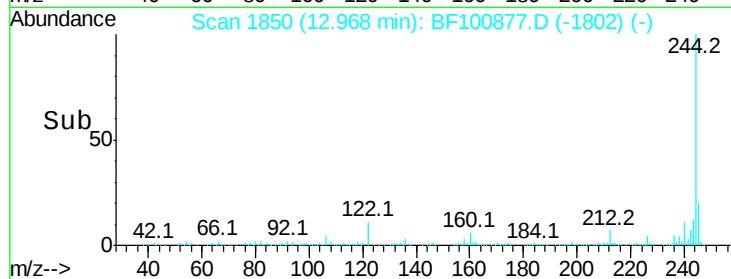
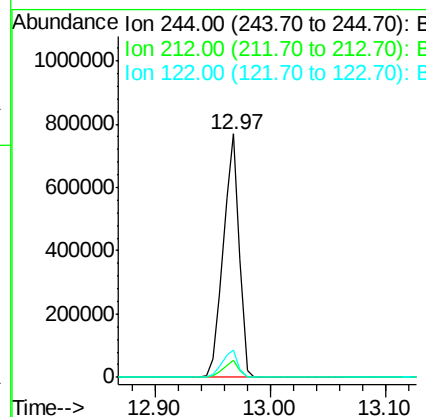
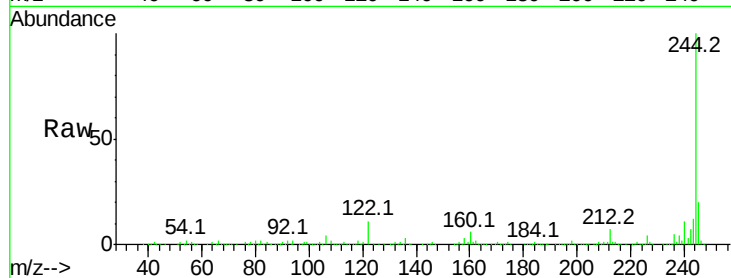




#78
 Terphenyl-d14
 Concen: 113.059 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BF100877.D
 Acq: 23 Nov 2017 15:58

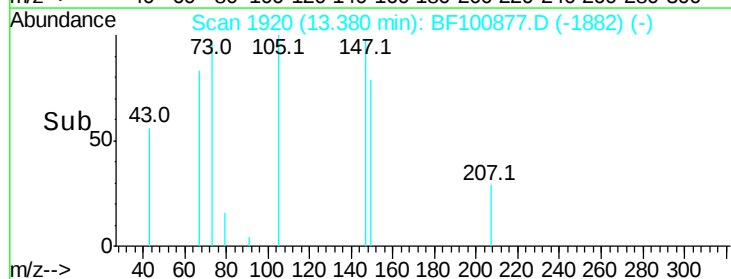
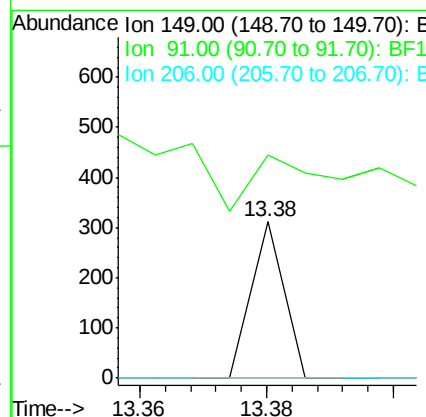
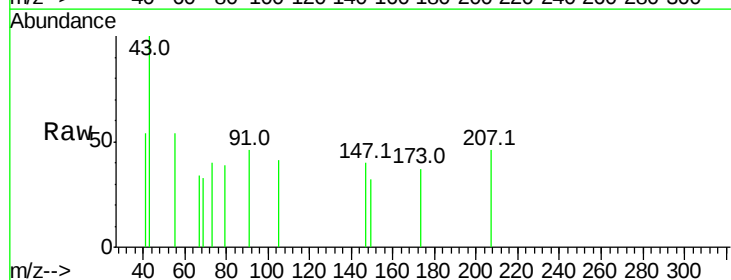
Instrument :
 BNA_F
 ClientSampleId :

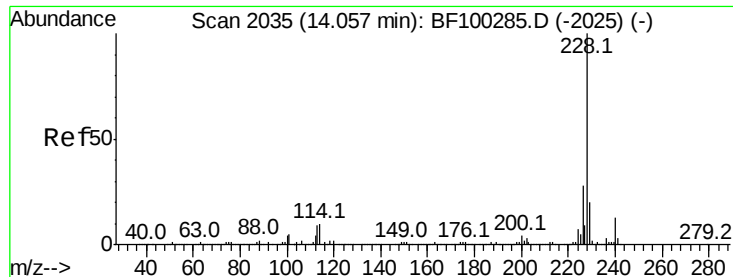
Tot Ion:244 Resp: 729363
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.0 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 0.026 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.08 min
 Lab File: BF100877.D
 Acq: 23 Nov 2017 15:58

Tgt Ion:149 Resp: 110
 Ion Ratio Lower Upper
 149 100
 91 142.8 56.8 85.2#
 206 0.0 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 0.063 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

Instrument :

BNA_F

ClientSampleId :

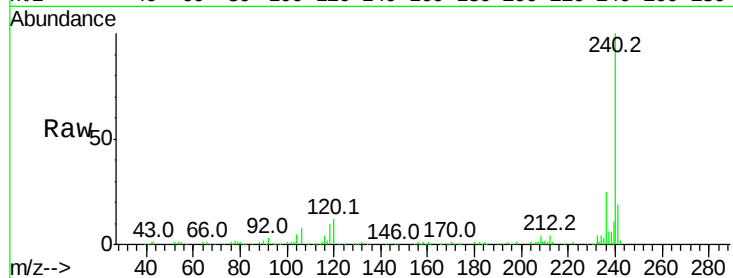
Tot Ion:228 Resp: 558

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

229 0.0 15.8 23.6#

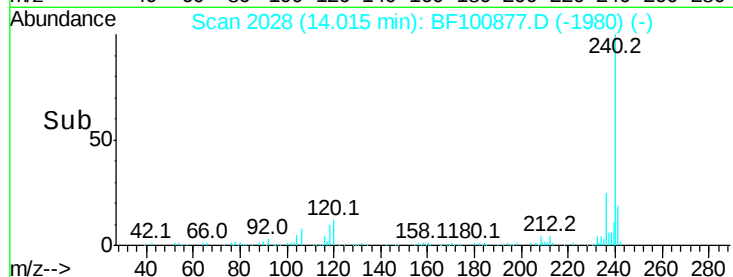


Abundance Ion 228.00 (227.70 to 228.70): E

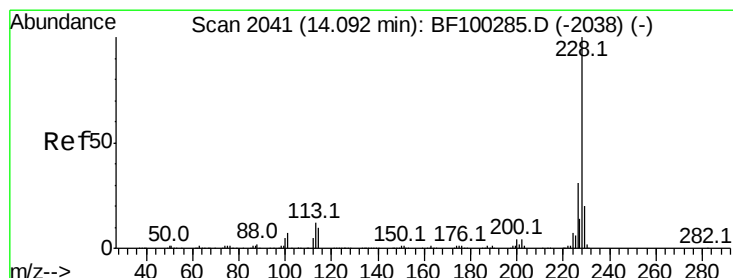
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.02



Time-->



#82

Chrysene

Concen: 0.065 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.06 min

Lab File: BF100877.D

Acq: 23 Nov 2017 15:58

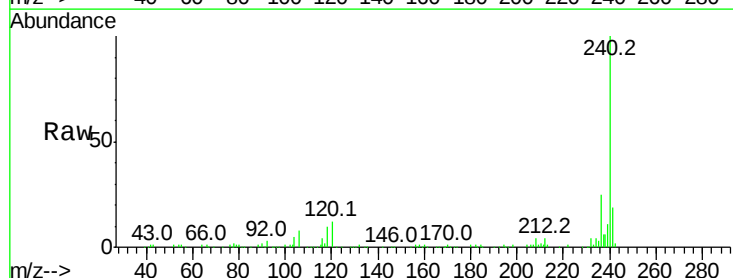
Tgt Ion:228 Resp: 558

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

229 0.0 16.2 24.4#

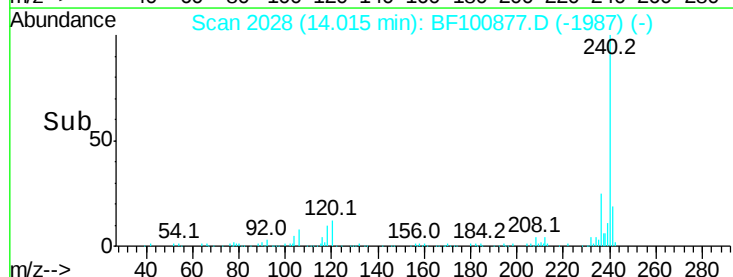


Abundance Ion 228.00 (227.70 to 228.70): E

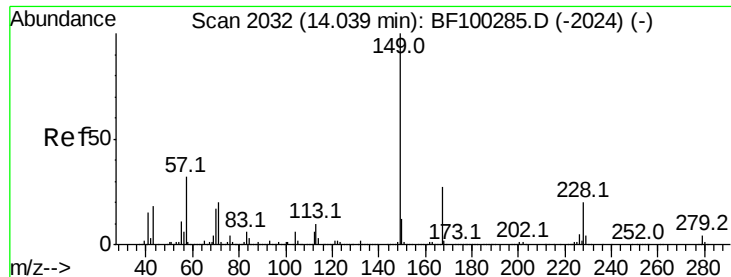
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.02



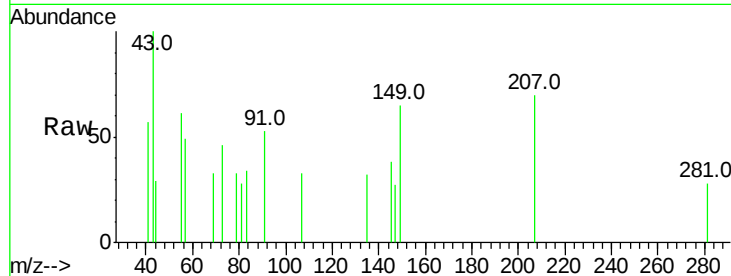
Time-->



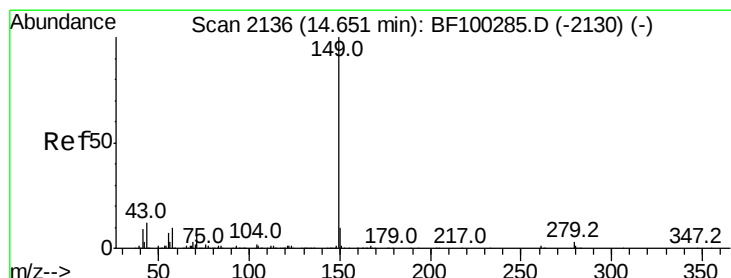
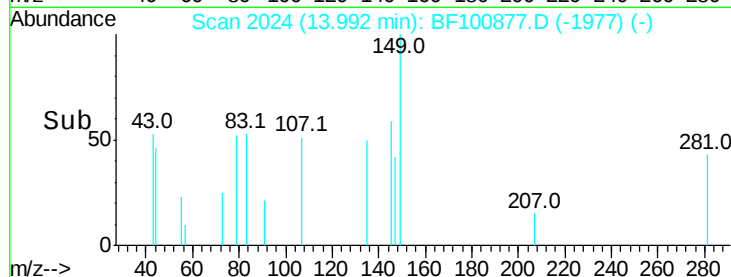
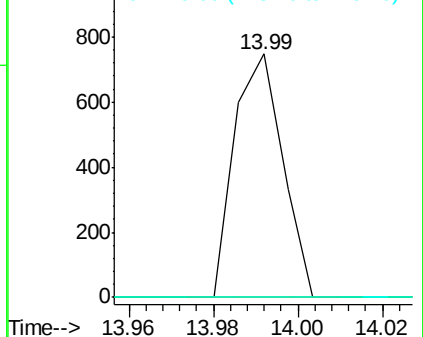
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 593
Ion Ratio Lower Upper
149 100
167 0.0 21.3 31.9#
279 0.0 3.0 4.4#

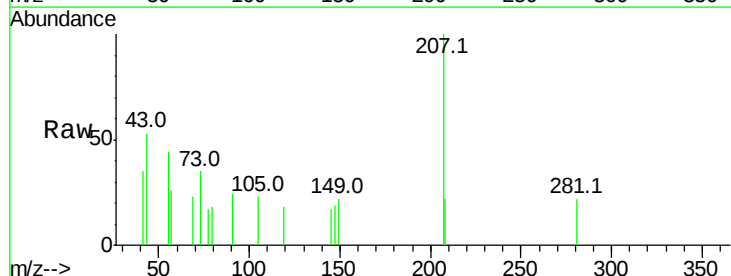


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

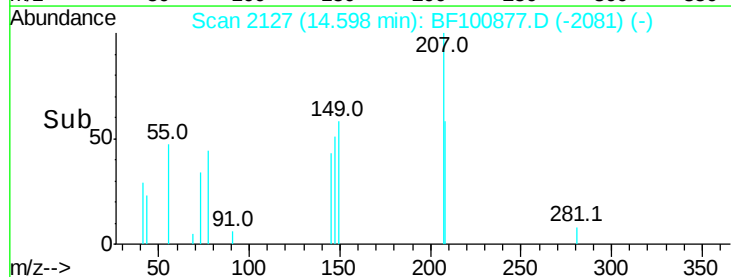
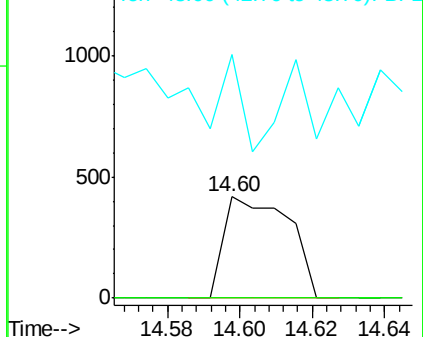


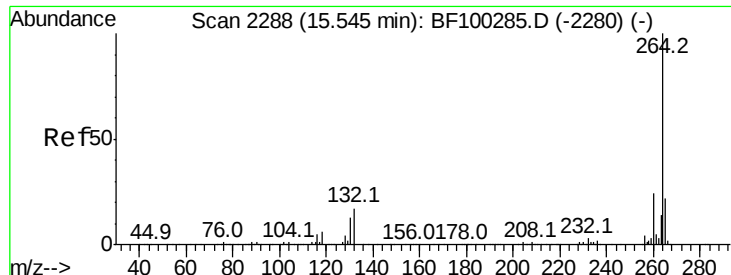
#84
Di-n-octyl phthalate
Concen: 0.053 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.03 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion:149 Resp: 517
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 37.5 8.4 12.6#



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

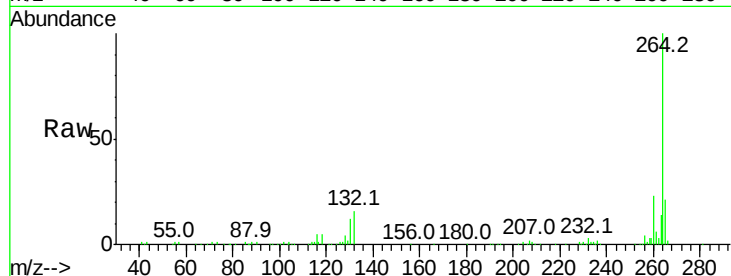




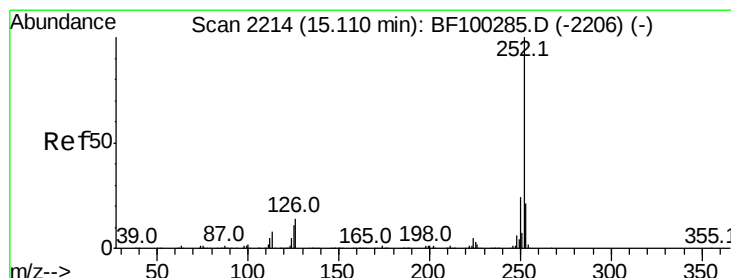
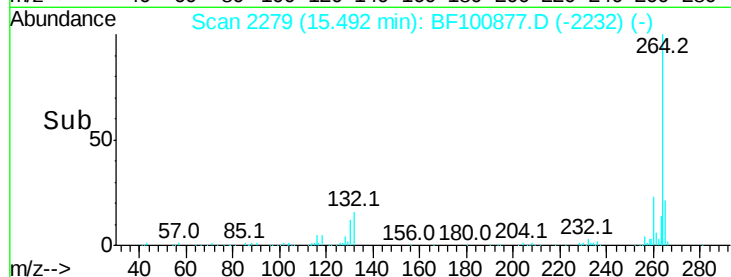
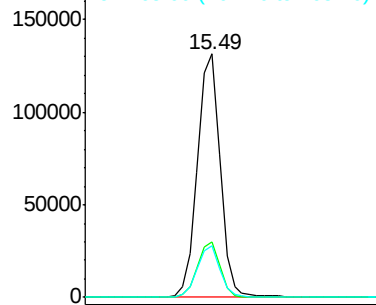
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 163887
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.0 17.5 26.3

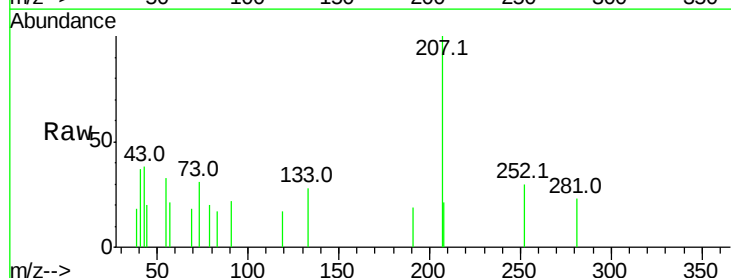


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

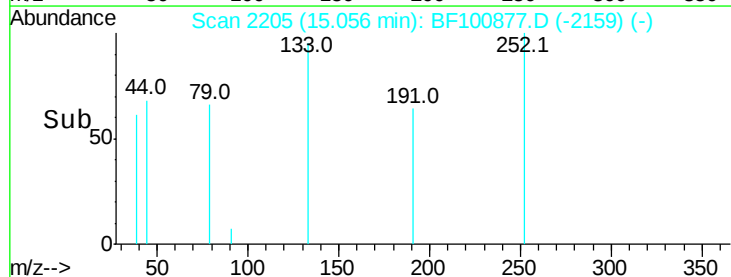
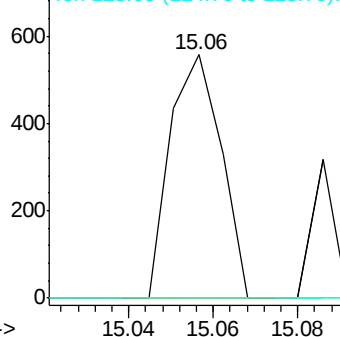


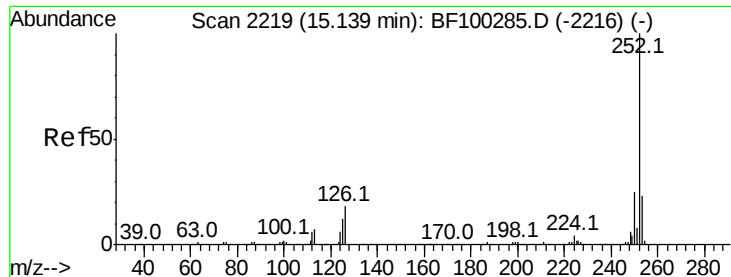
#87
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion:252 Resp: 466
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 9.0 13.6#



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

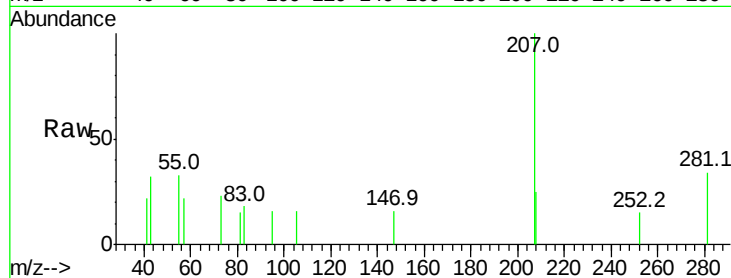




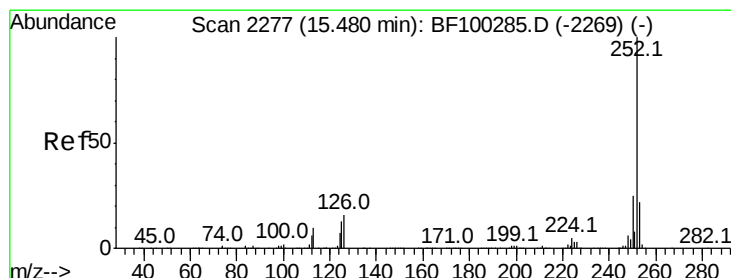
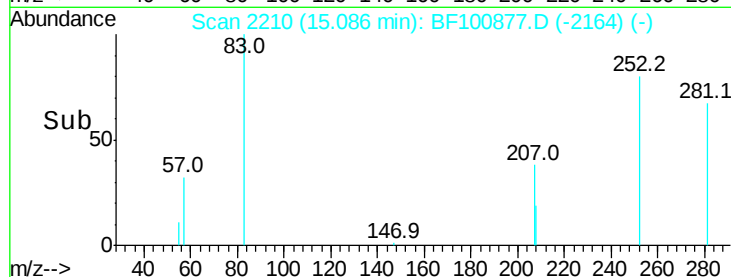
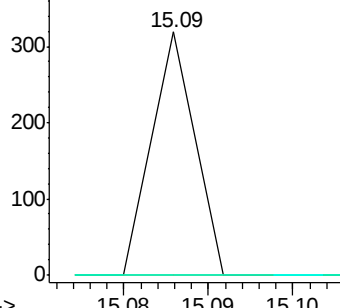
#88
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 113
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#

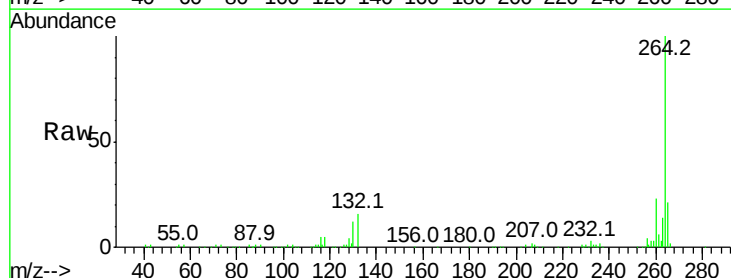


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.050 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF100877.D
Acq: 23 Nov 2017 15:58

Tgt Ion:252 Resp: 432
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 9.8 14.6#



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

