

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100859.D
 Acq On : 23 Nov 2017 8:01
 Operator : SJ/JU
 Sample : I6541-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:49:58 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	69178	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	262563	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	123878	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	210131	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	135021	20.00	ng	-0.02
86) Perylene-d12	15.49	264	151847	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	165807	38.42	ng	-0.02
7) Phenol-d6	6.48	99	125233	23.53	ng	-0.03
23) Nitrobenzene-d5	7.42	82	399063	100.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	105981	83.96	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	778722	95.72	ng	-0.02
78) Terphenyl-d14	12.97	244	546139	92.94	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.63	93	328	0.044	ng	# 1
9) Benzaldehyde	6.63	77	6087	1.602	ng	# 87
10) Phenol	6.49	94	4258	0.762	ng	# 95
11) bis(2-Chloroethyl)ether	6.63	93	328	0.070	ng	# 1
15) Benzyl Alcohol	7.02	79	6157	1.482	ng	# 46
19) n-Nitroso-di-n-propylamine	7.42	70	51328	13.908	ng	# 81
24) Nitrobenzene	7.42	77	1118	0.274	ng	# 38
25) Isophorone	7.42	82	399058	47.817	ng	# 64
45) 1,1'-Biphenyl	9.22	154	1538	0.144	ng	# 1
47) 2-Nitroaniline	9.22	65	963	3.179	ng	# 3
49) Dimethylphthalate	9.60	163	3225	0.341	ng	# 94
50) 2,6-Dinitrotoluene	9.90	165	15518	8.289	ng	# 24
51) Acenaphthene	9.90	154	418	0.053	ng	# 4
56) 2,4-Dinitrotoluene	9.90	165	15518	6.570	ng	# 21
57) Fluorene	10.68	166	4610	0.573	ng	# 92
59) Diethylphthalate	10.31	149	5522	0.583	ng	# 87
62) Azobenzene	10.69	77	420	0.047	ng	# 45
64) 4,6-Dinitro-2-methylphenol	10.69	198	147	8.684	ng	# 55
65) n-Nitrosodiphenylamine	10.69	169	3057	0.418	ng	# 48
66) 4-Bromophenyl-phenylether	10.69	248	6494	2.883	ng	# 1
73) Di-n-butylphthalate	11.94	149	3152	0.260	ng	# 93
76) Benzidine	12.97	184	6745	1.247	ng	# 95
77) Pyrene	12.97	202	1724	0.179	ng	# 62
80) Benzo(a)anthracene	14.02	228	354	0.044	ng	# 51
82) Chrysene	14.04	228	446	0.057	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	429	0.083	ng	# 53
84) Di-n-octyl phthalate	14.60	149	262	0.030	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.97	276	128	0.020	ng	# 46
87) Benzo(b)fluoranthene	15.06	252	919	0.102	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	362	0.043	ng	# 59
89) Benzo(a)pyrene	15.50	252	379	0.048	ng	# 60
90) Dibenzo(a,h)anthracene	16.98	278	337	0.052	ng	# 54

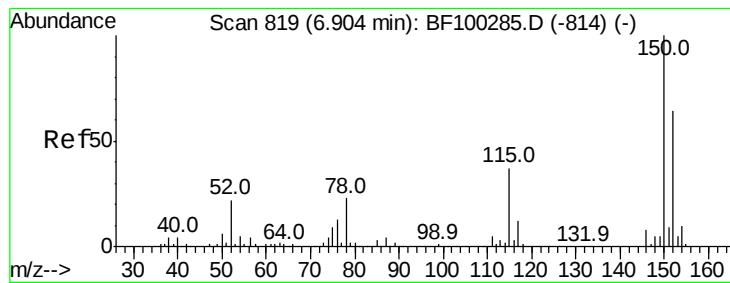
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100859.D
Acq On : 23 Nov 2017 8:01
Operator : SJ/JU
Sample : I6541-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

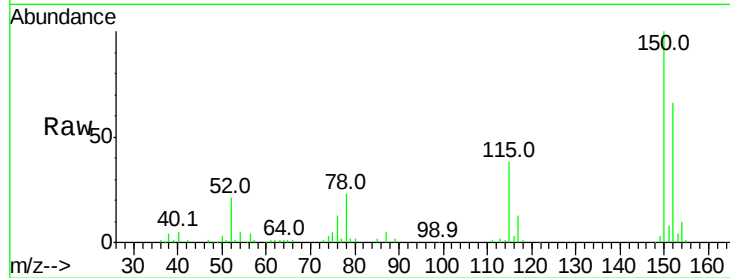


#1

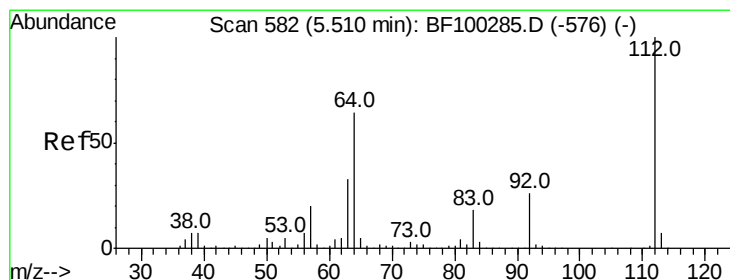
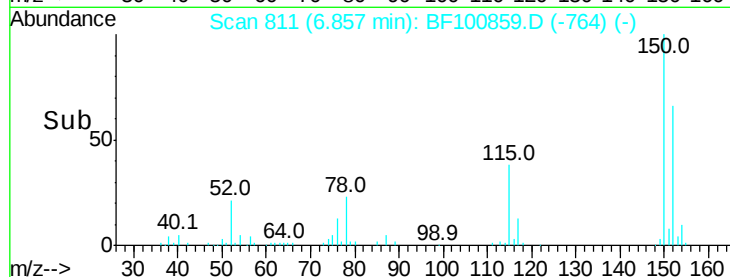
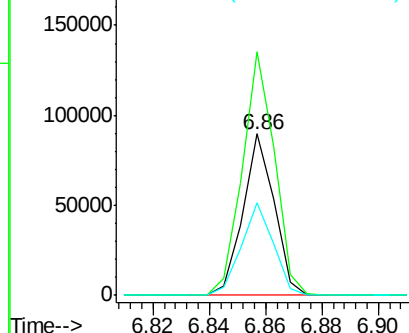
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	57.4	50.1	75.1



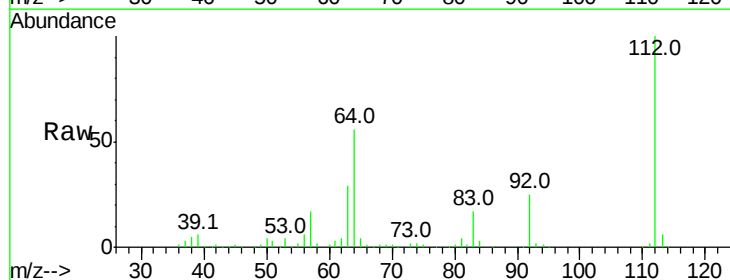
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



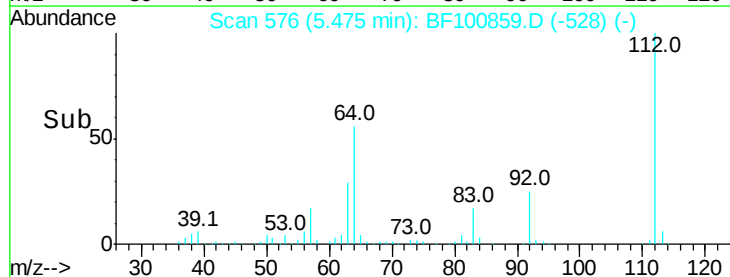
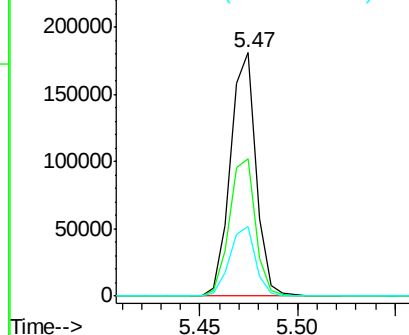
#5

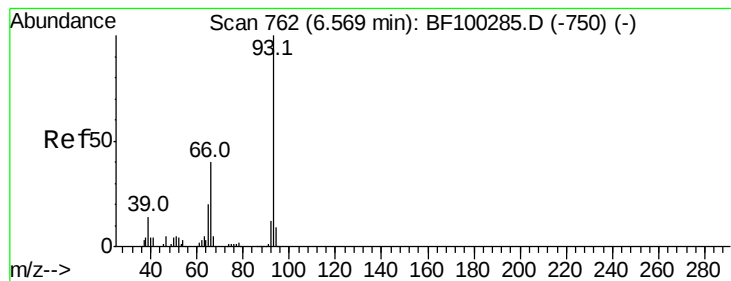
2-Fluorophenol
Concen: 38.421 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.8	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: 0.044 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.08 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

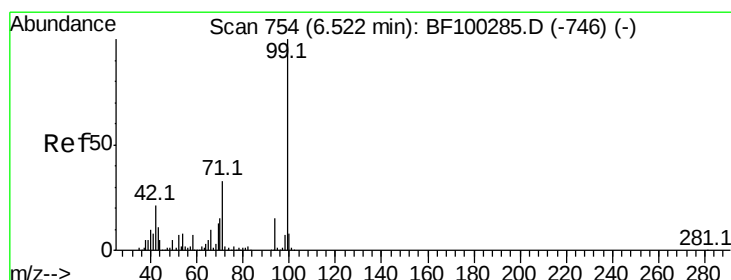
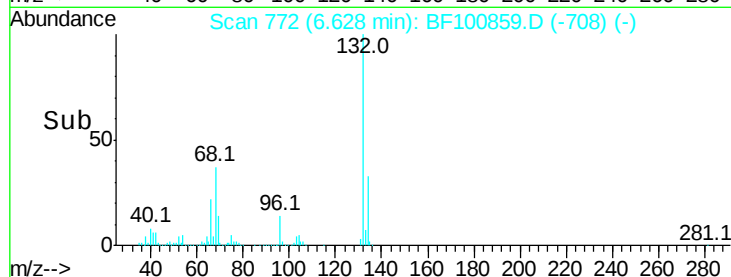
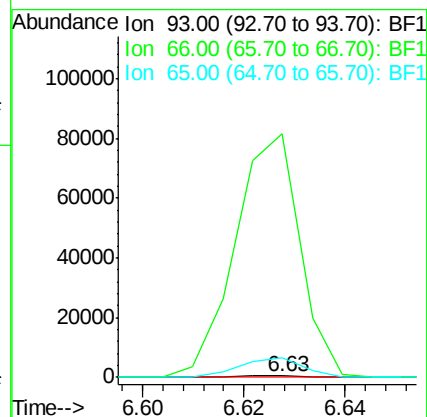
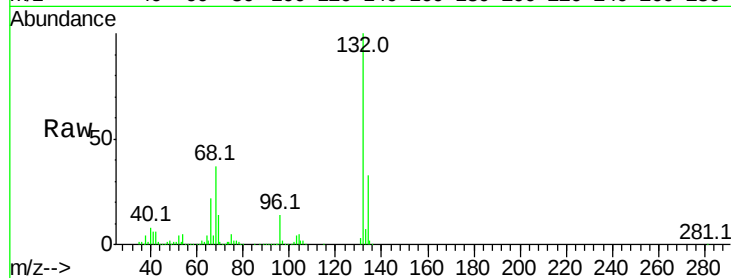
Tot Ion: 93 Resp: 328

Ion Ratio Lower Upper

93 100

66 17081.8 32.2 48.2#

65 1404.6 16.4 24.6#



#7

Phenol-d6

Concen: 23.533 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

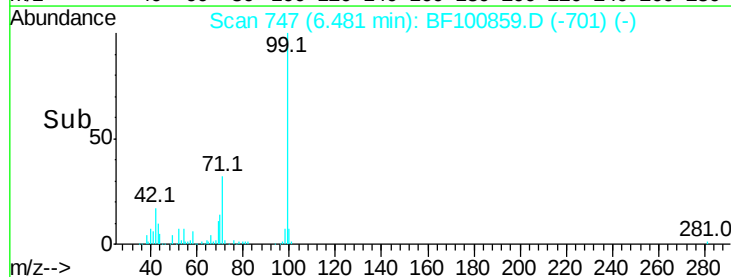
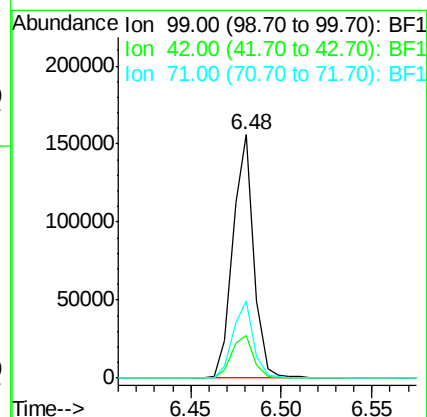
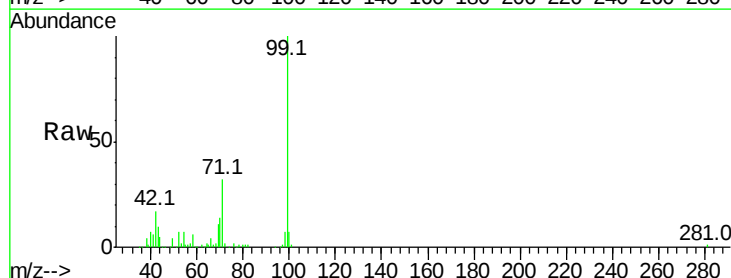
Tgt Ion: 99 Resp: 125233

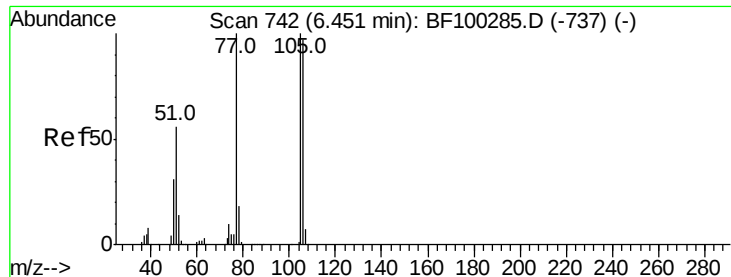
Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 31.8 25.4 38.0





#9

Benzaldehyde

Concen: 1.602 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

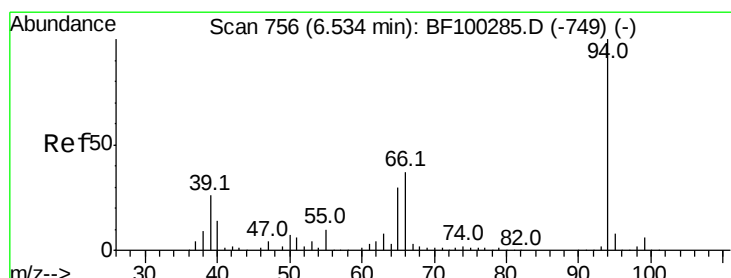
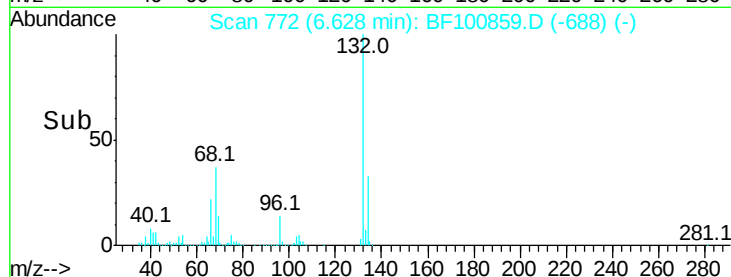
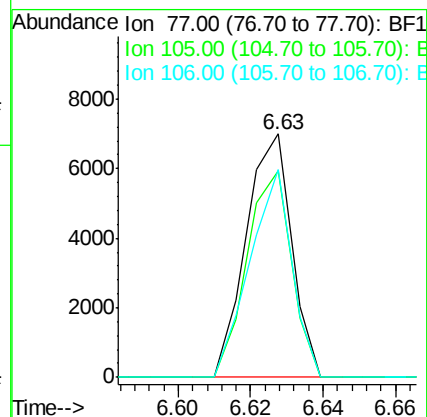
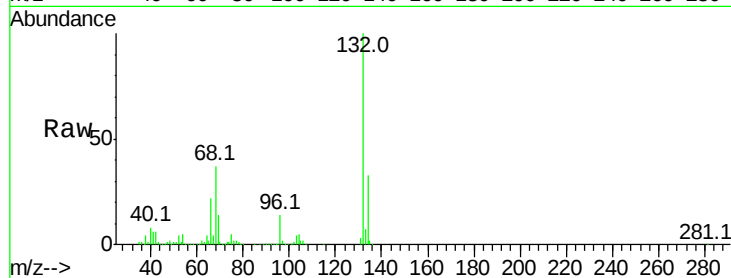
Tot Ion: 77 Resp: 6087

Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

106 85.5 74.5 114.5



#10

Phenol

Concen: 0.762 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

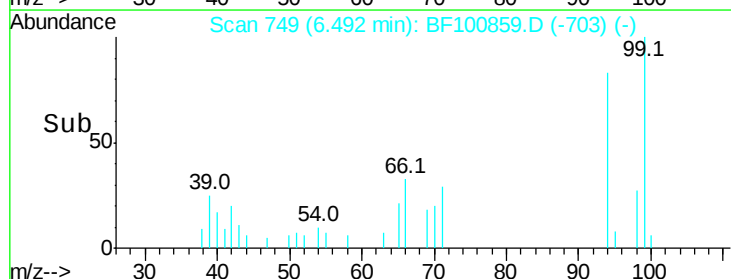
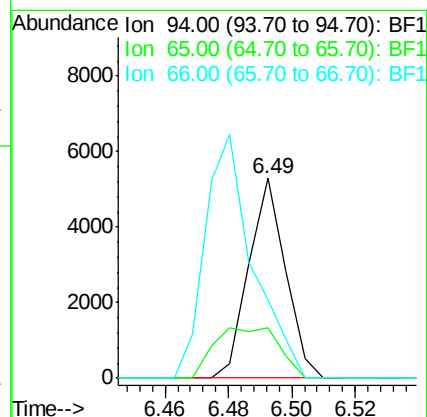
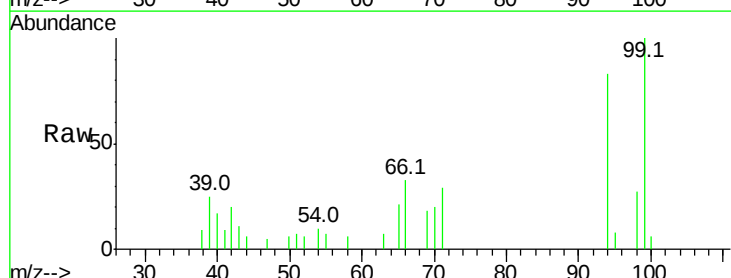
Tgt Ion: 94 Resp: 4258

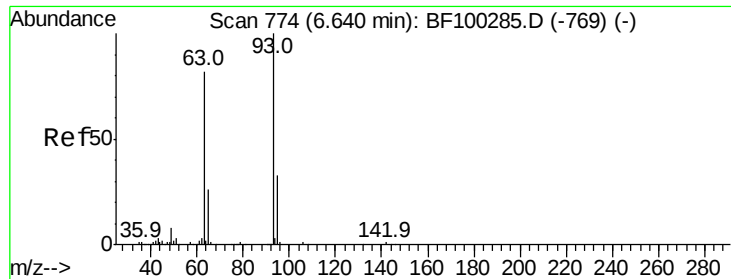
Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

66 39.1 16.2 56.2

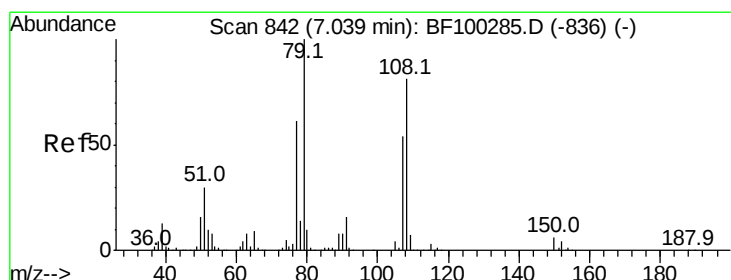
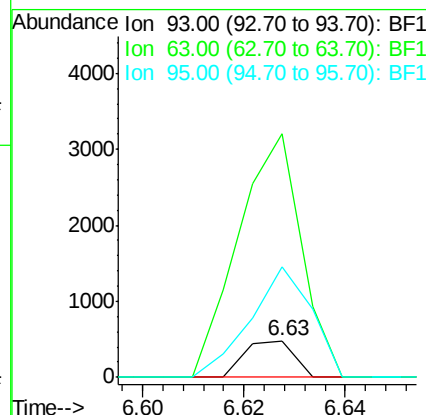
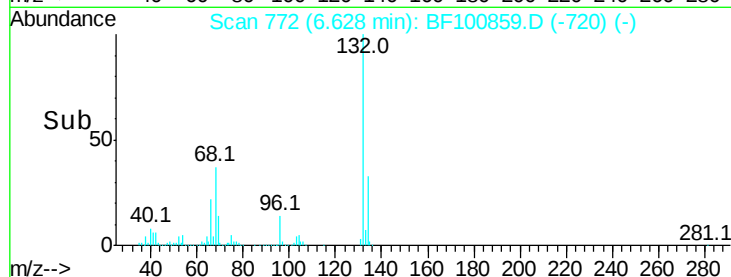
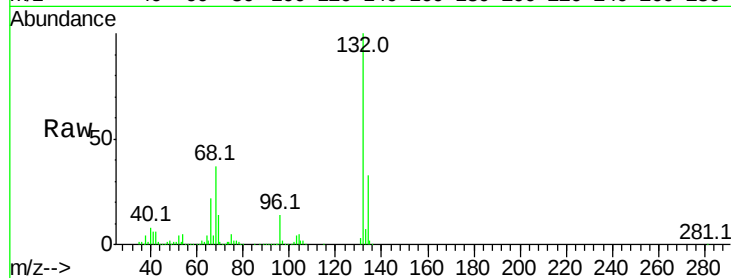




#11
bis(2-Chloroethyl)ether
Concen: 0.070 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

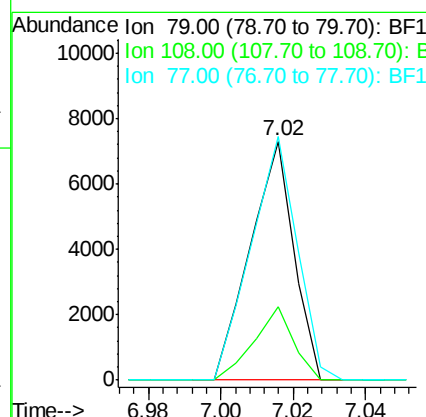
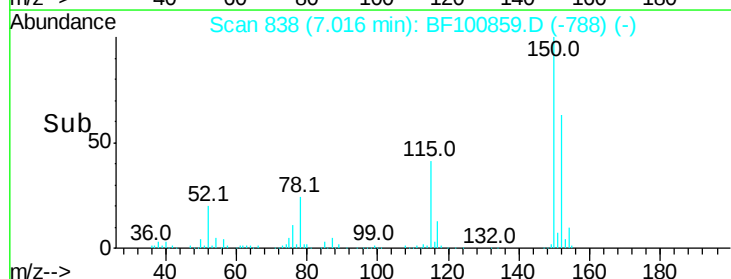
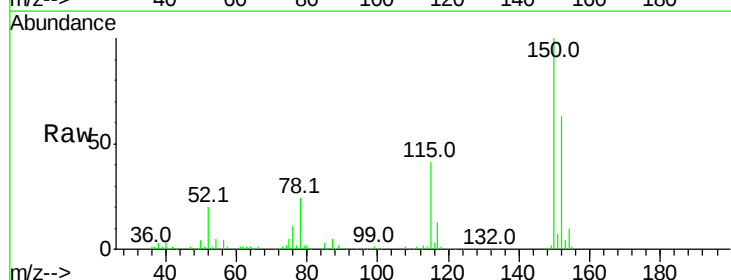
Instrument :
BNA_F
ClientSampleId :

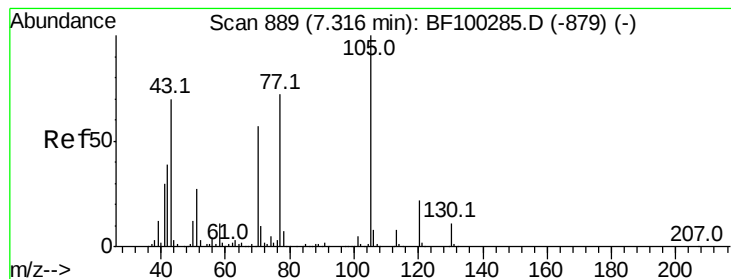
Tot Ion: 93 Resp: 328
Ion Ratio Lower Upper
93 100
63 671.5 58.6 98.6#
95 305.7 11.8 51.8#



#15
Benzyl Alcohol
Concen: 1.482 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

Tgt Ion: 79 Resp: 6157
Ion Ratio Lower Upper
79 100
108 30.8 65.1 97.7#
77 101.8 50.6 75.8#





#19

n-Nitroso-di-n-propylamine

Concen: 13.908 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 51328

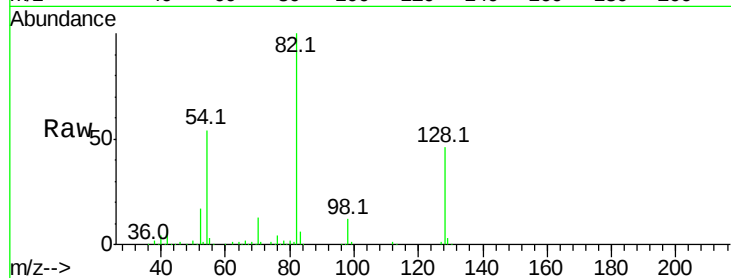
Ion Ratio Lower Upper

70 100

42 51.5 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

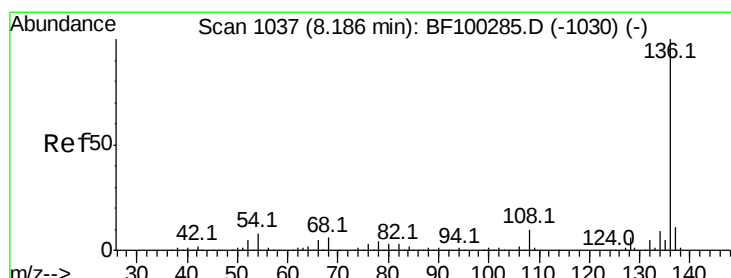
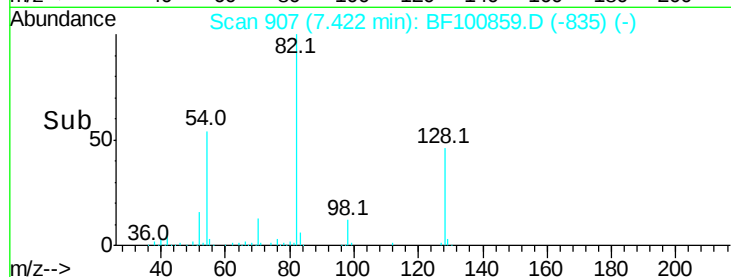
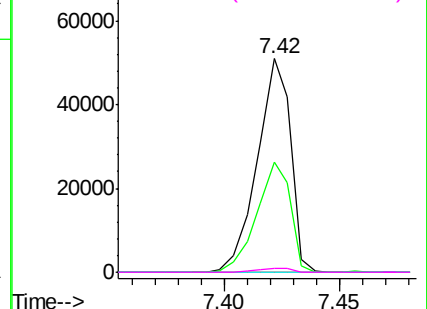


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100859.D

Acq: 23 Nov 2017 8:01

Tgt Ion:136 Resp: 262563

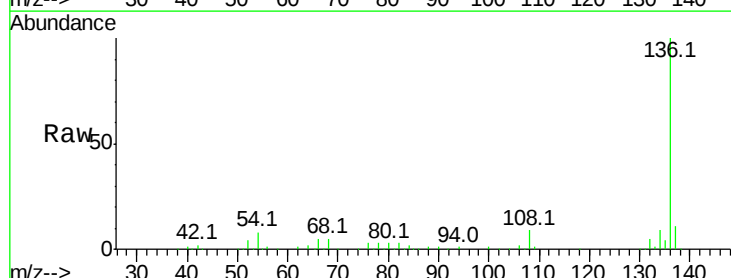
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.8 6.6 9.8

68 5.3 5.0 7.4

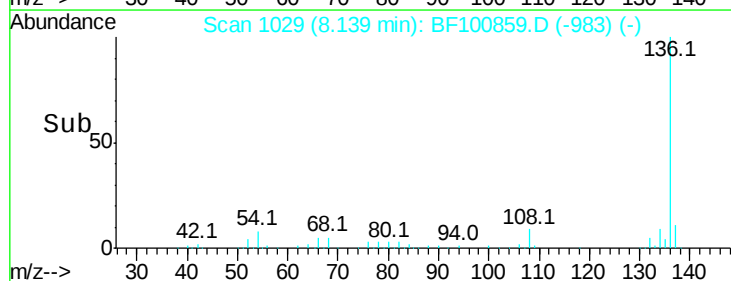
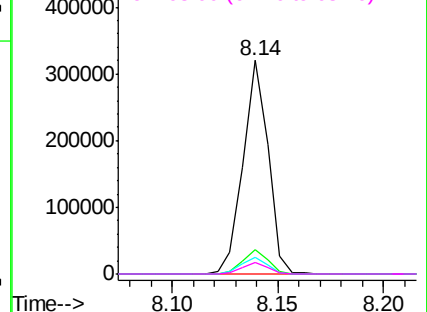


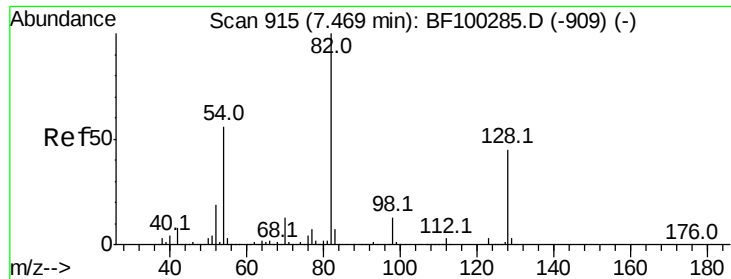
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

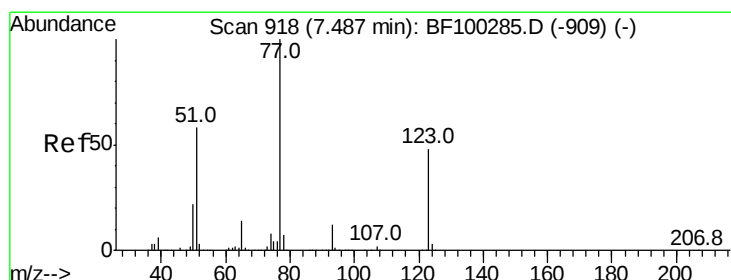
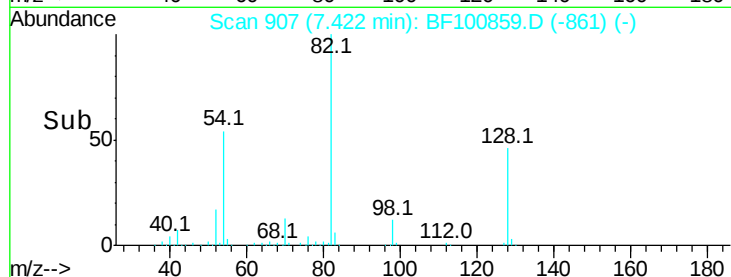
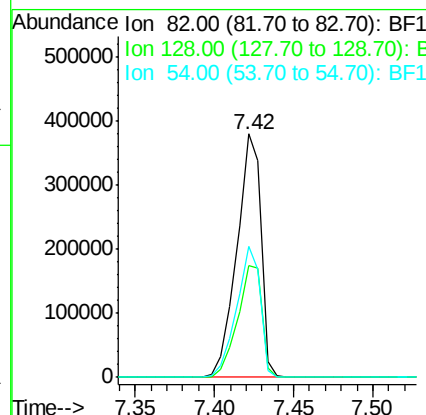
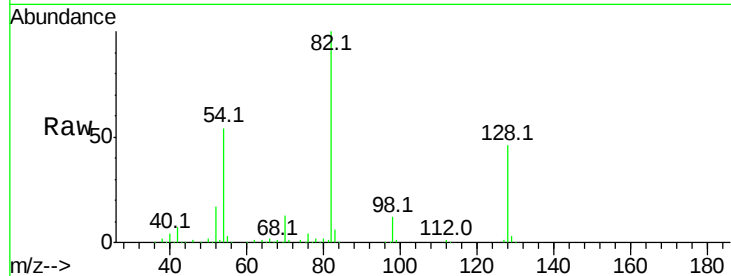




#23
Nitrobenzene-d5
Concen: 100.484 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

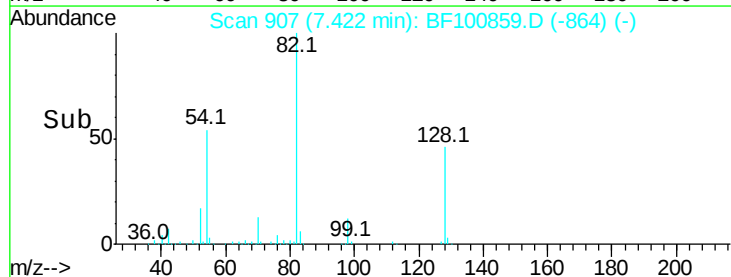
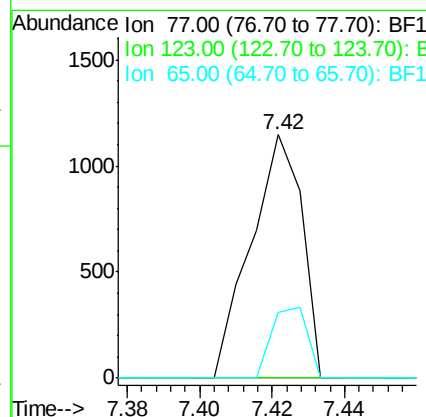
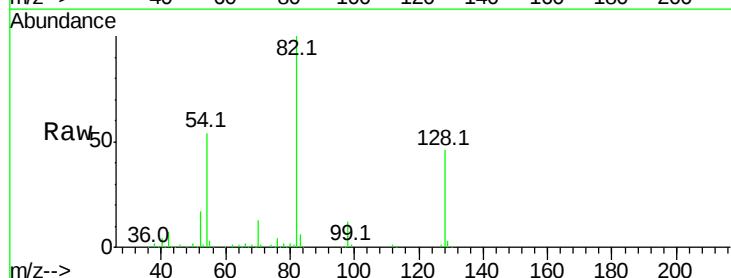
Instrument :
BNA_F
ClientSampled :

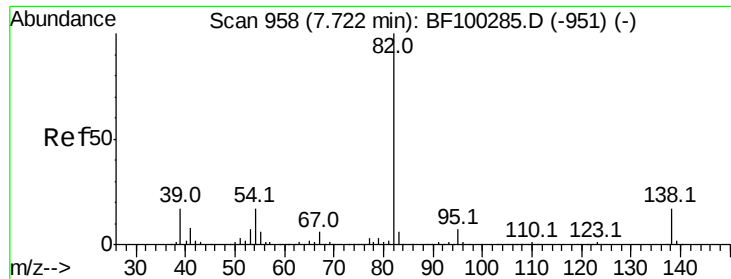
Tot Ion: 82 Resp: 399063
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 54.0 41.4 62.2



#24
Nitrobenzene
Concen: 0.274 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

Tgt Ion: 77 Resp: 1118
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 27.0 11.0 16.4#





#25

Isophorone

Concen: 47.817 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

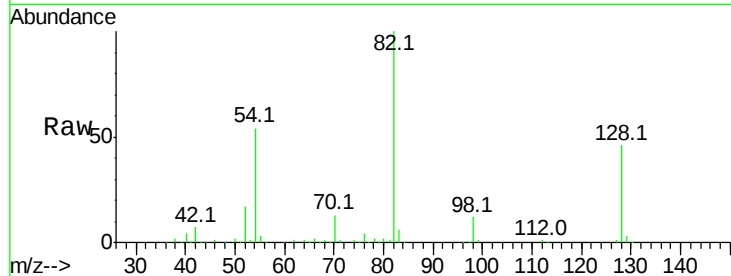
Tot Ion: 82 Resp: 399058

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

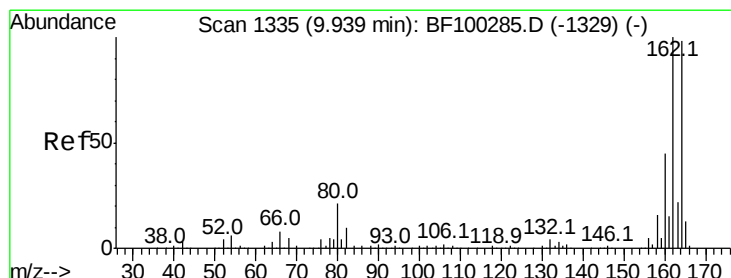
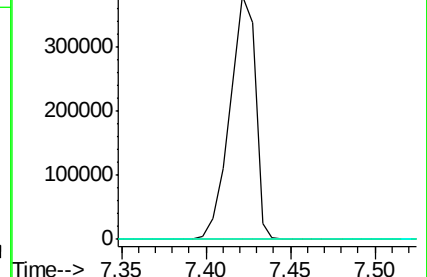
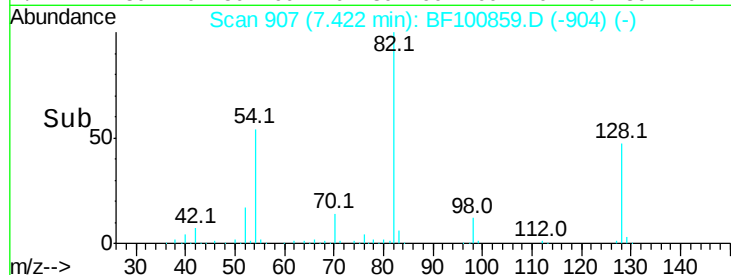
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

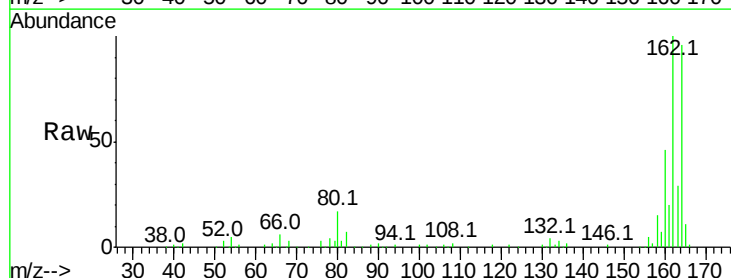
Tgt Ion:164 Resp: 123878

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

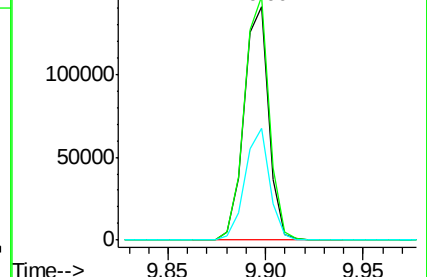
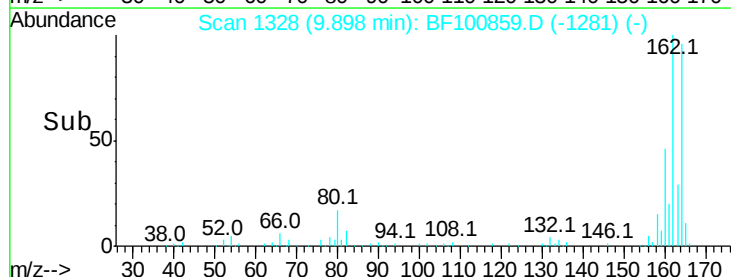
160 47.8 38.3 57.5

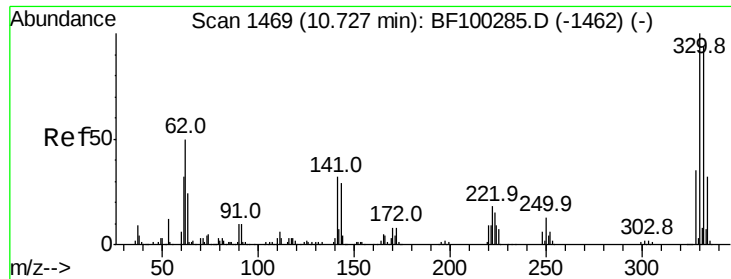


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

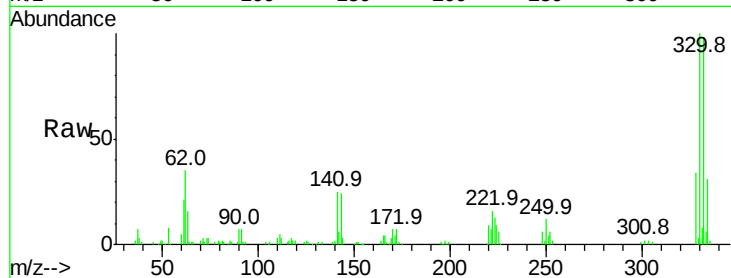




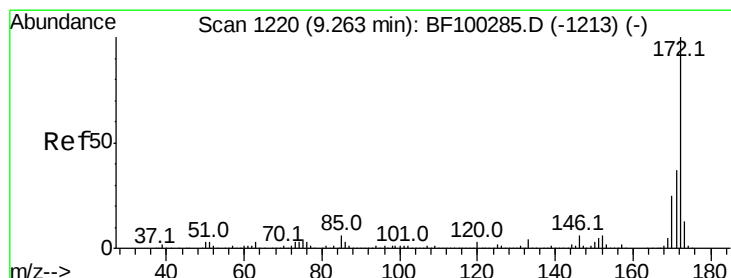
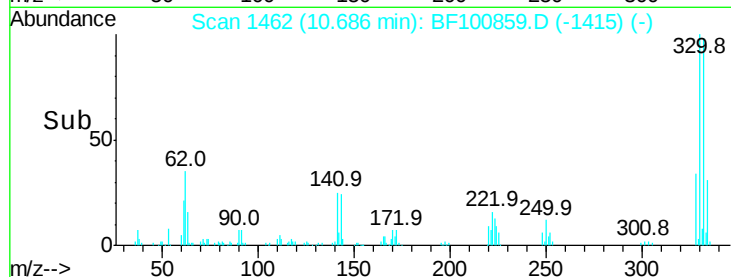
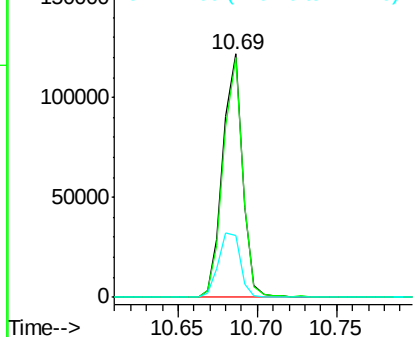
#41
 2,4,6-Tribromophenol
 Concen: 83.958 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100859.D
 Acq: 23 Nov 2017 8:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	28.9	29.9	44.9#

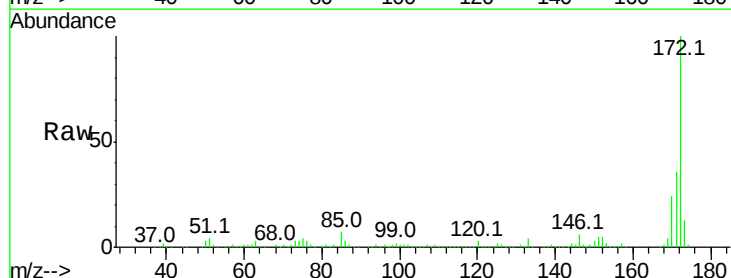


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

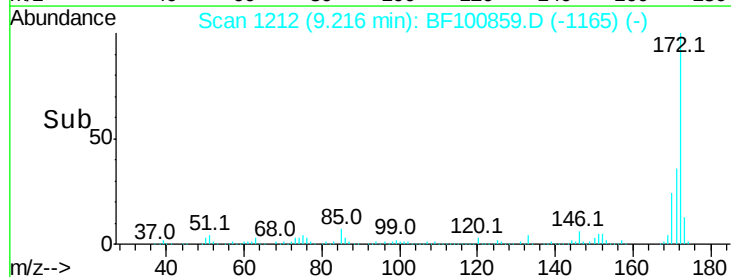
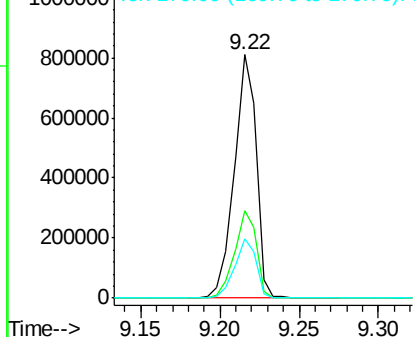


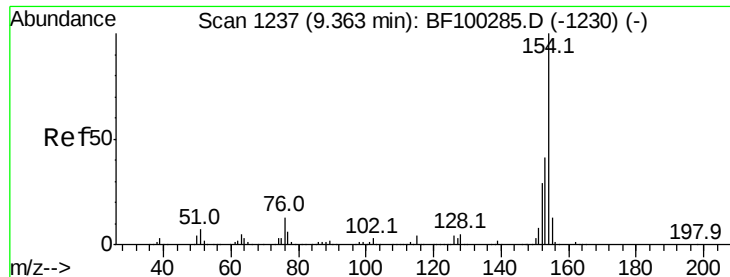
#44
 2-Fluorobiphenyl
 Concen: 95.721 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100859.D
 Acq: 23 Nov 2017 8:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	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: 0.144 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.13 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

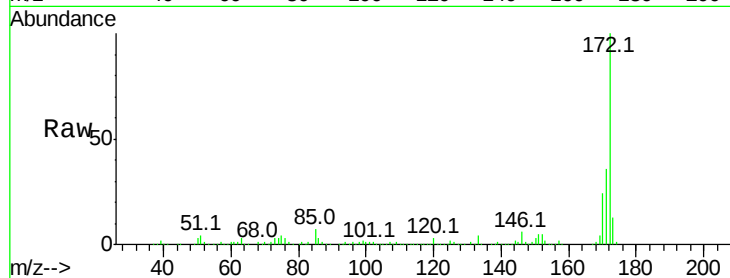
Tot Ion:154 Resp: 1538

Ion Ratio Lower Upper

154 100

153 821.5 21.3 61.3#

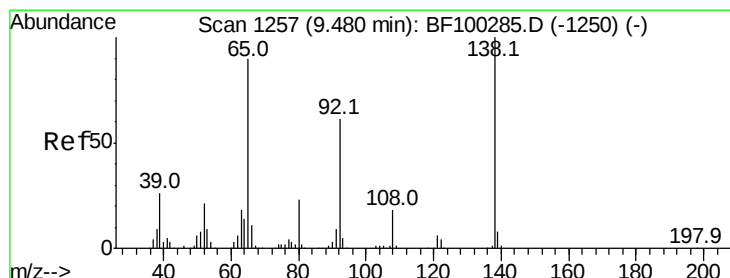
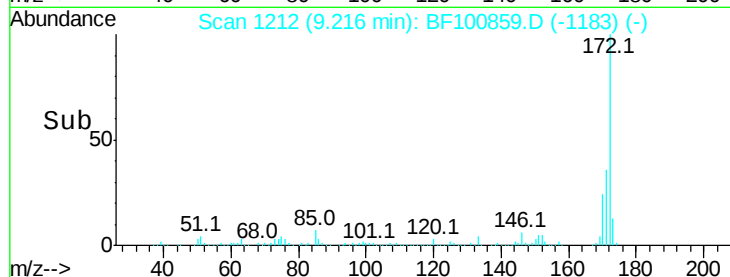
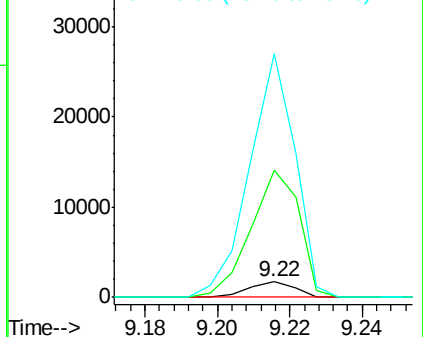
76 1575.7 0.0 34.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Nitroaniline

Concen: 3.179 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

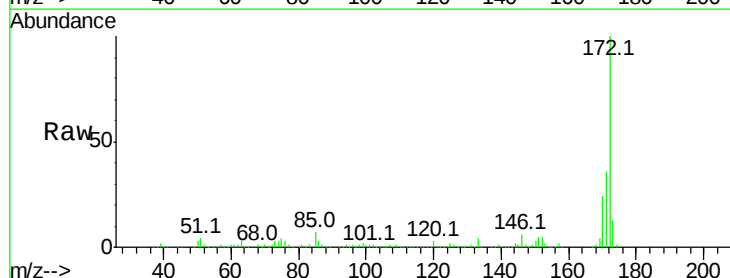
Tgt Ion: 65 Resp: 963

Ion Ratio Lower Upper

65 100

92 198.5 55.8 83.6#

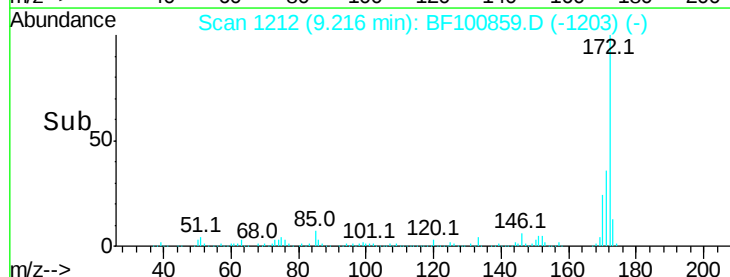
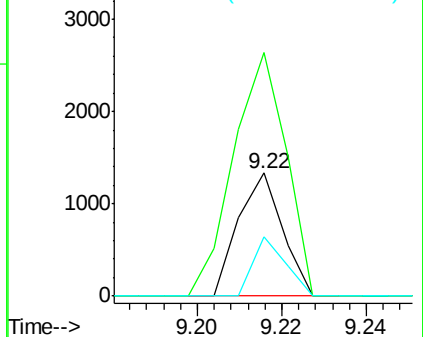
138 48.5 91.2 136.8#

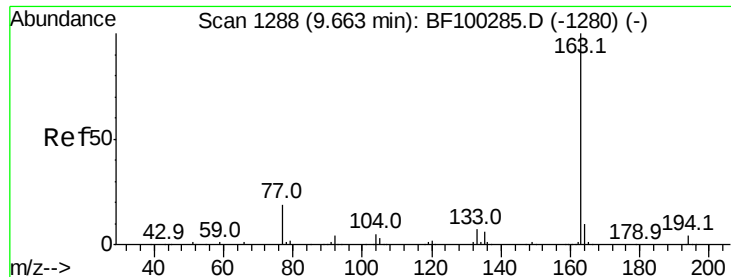


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

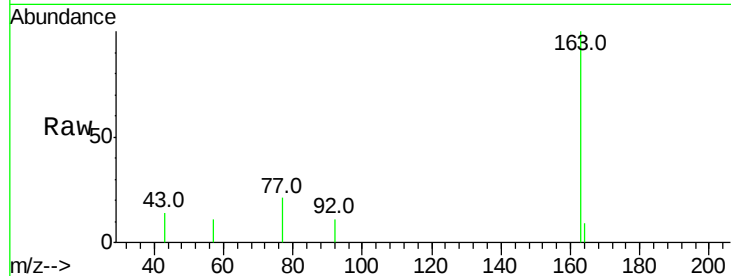




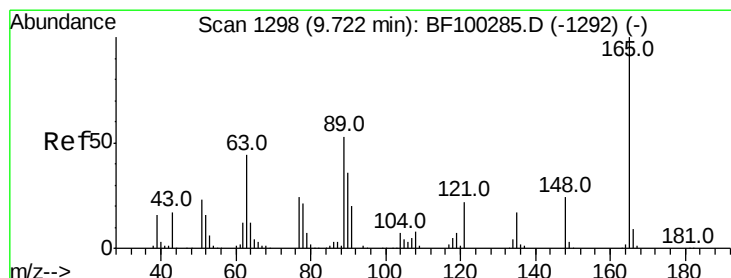
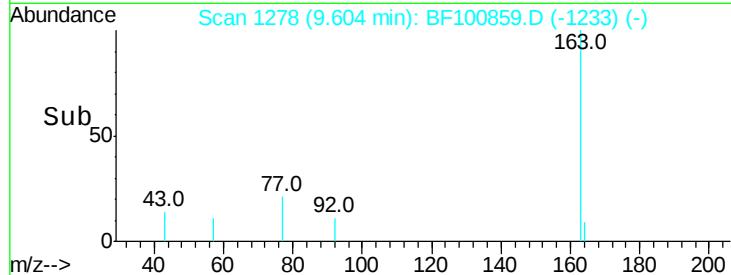
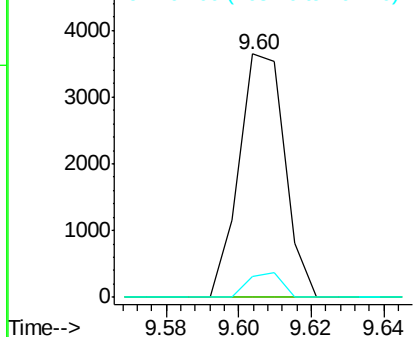
#49
Dimethylphthalate
Concen: 0.341 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 3225
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 8.6 8.2 12.2

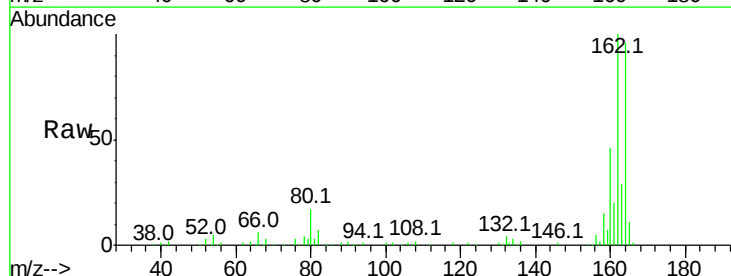


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

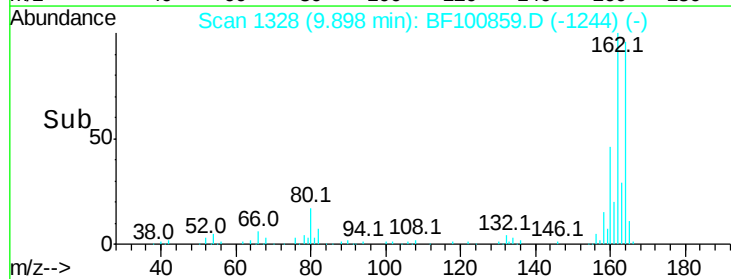
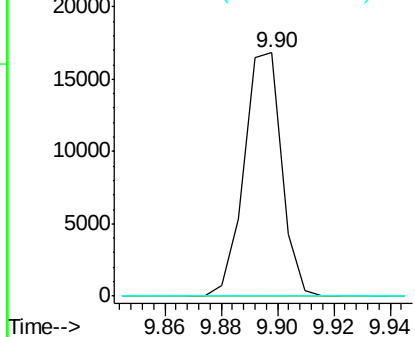


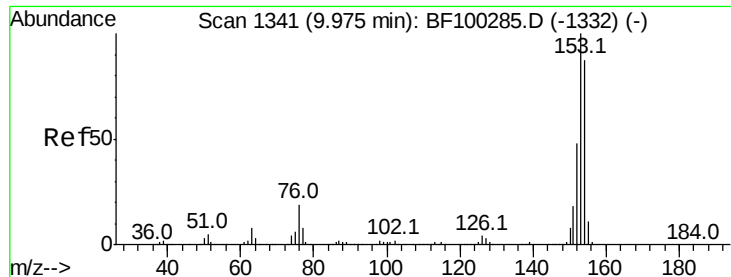
#50
2,6-Dinitrotoluene
Concen: 8.289 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

Tgt Ion:165 Resp: 15518
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: 0.053 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

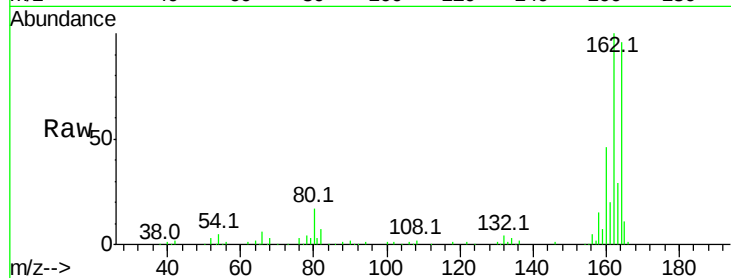
Tot Ion:154 Resp: 418

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

9.90

600

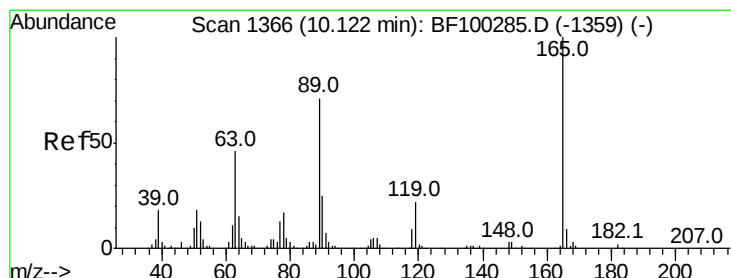
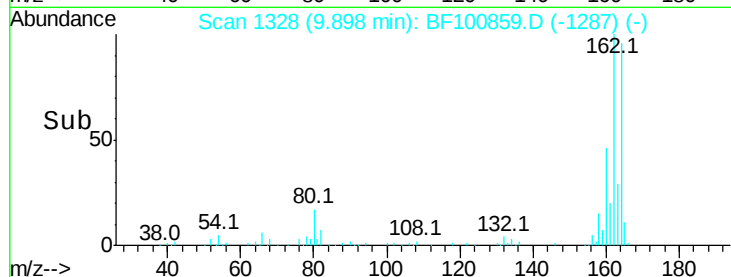
400

200

0

9.88 9.90 9.92

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.570 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.21 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Tgt Ion:165 Resp: 15518

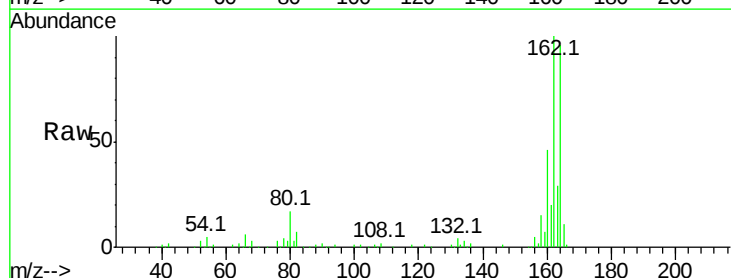
Ion Ratio Lower Upper

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

9.90

25000

20000

15000

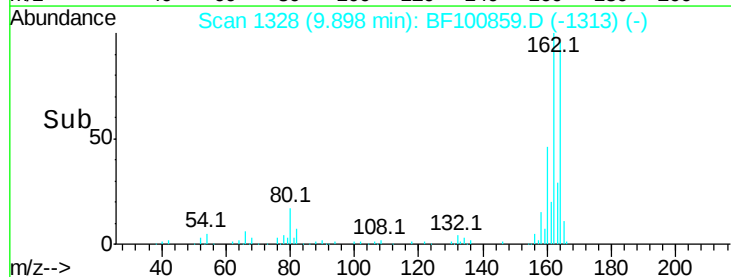
10000

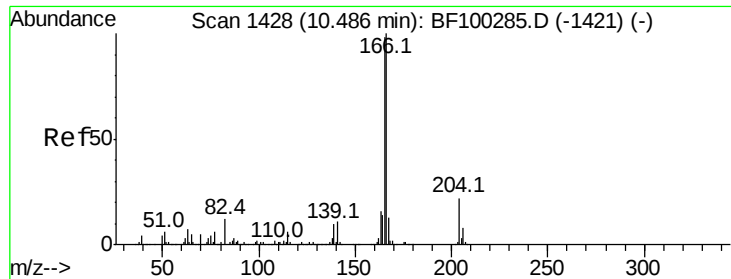
5000

0

9.86 9.88 9.90 9.92 9.94

Time-->

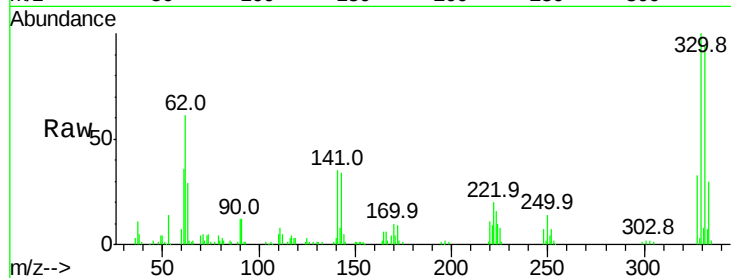




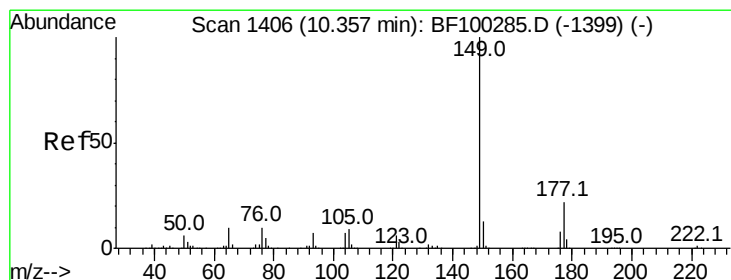
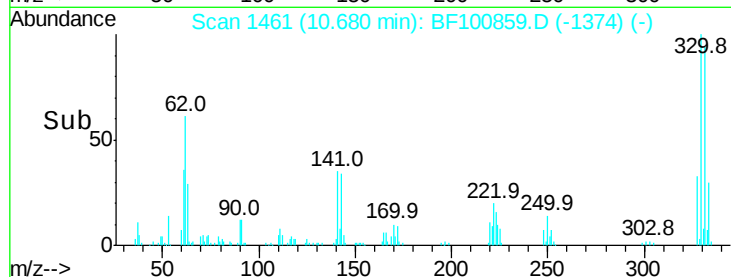
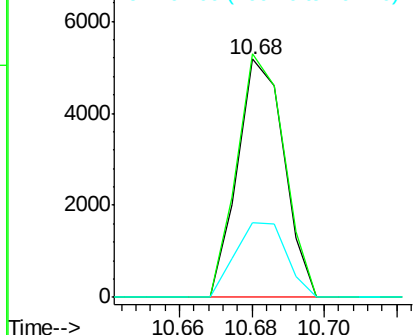
#57
 Fluorene
 Concen: 0.573 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.21 min
 Lab File: BF100859.D
 Acq: 23 Nov 2017 8:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 4610
 Ion Ratio Lower Upper
 166 100
 165 102.3 79.8 119.8
 167 31.6 10.6 16.0#

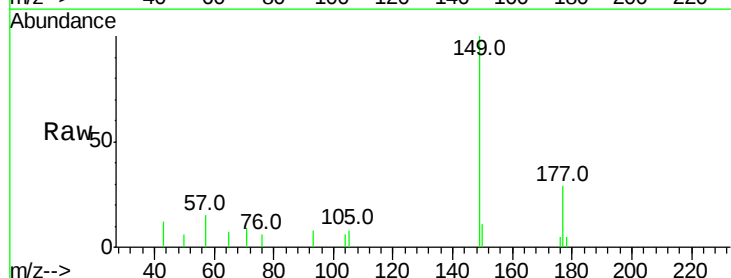


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

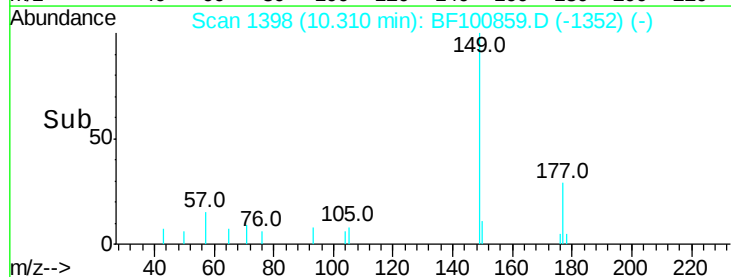
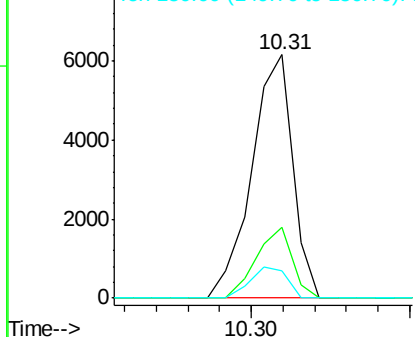


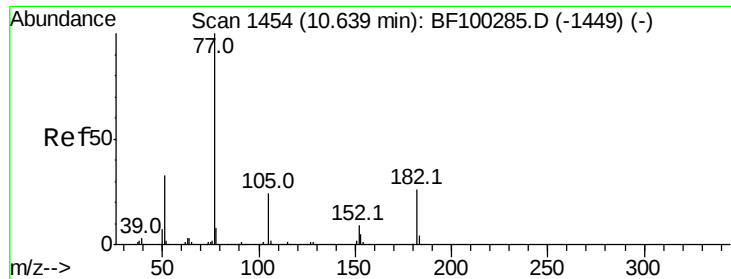
#59
 Diethylphthalate
 Concen: 0.583 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.03 min
 Lab File: BF100859.D
 Acq: 23 Nov 2017 8:01

Tgt Ion:149 Resp: 5522
 Ion Ratio Lower Upper
 149 100
 177 29.1 16.1 24.1#
 150 11.2 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: 0.047 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.06 min

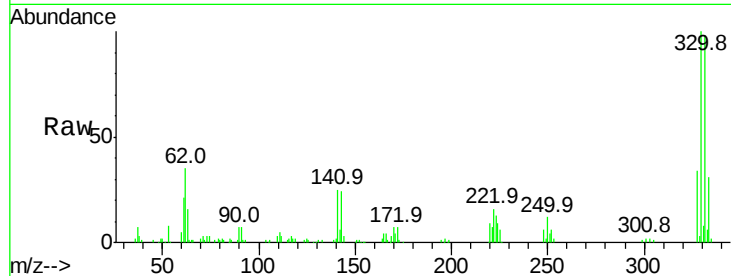
Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 420

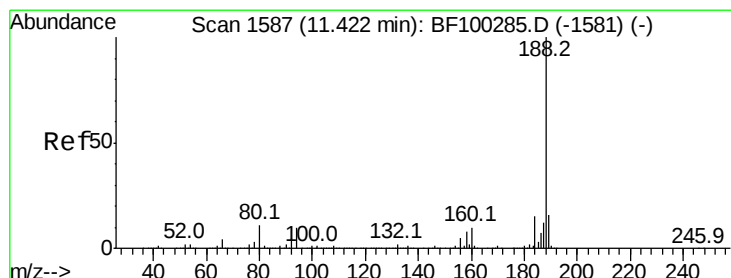
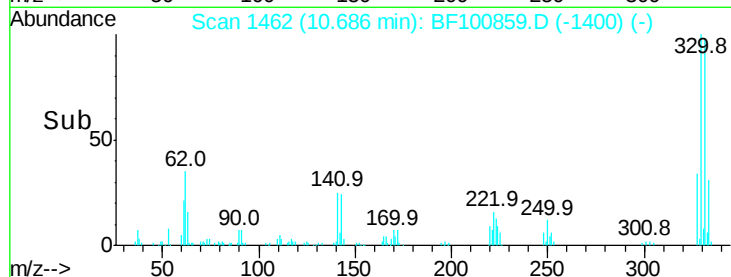
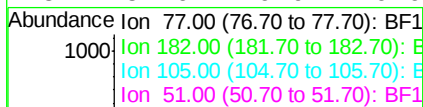
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 59.8 3.0 43.0#

51 54.6 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: BF100859.D

Acq: 23 Nov 2017 8:01

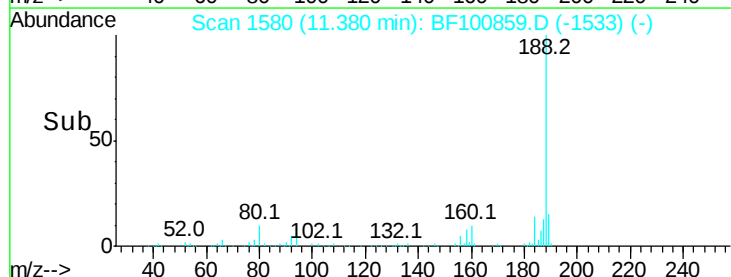
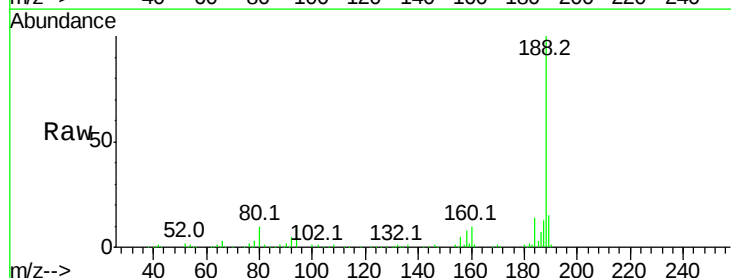
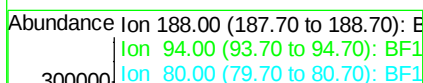
Tgt Ion: 188 Resp: 210131

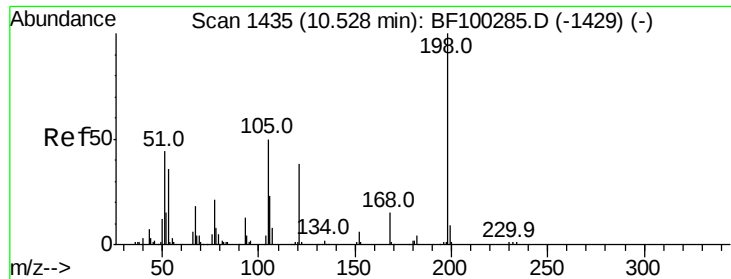
Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

80 9.6 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.684 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.17 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

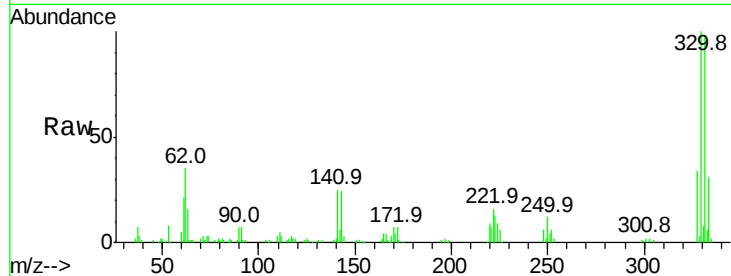
Tot Ion:198 Resp: 147

Ion Ratio Lower Upper

198 100

51 86.1 37.7 77.7#

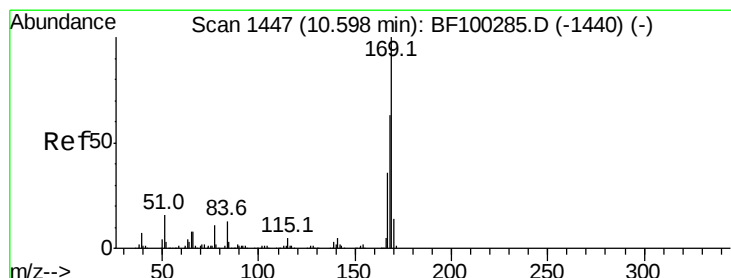
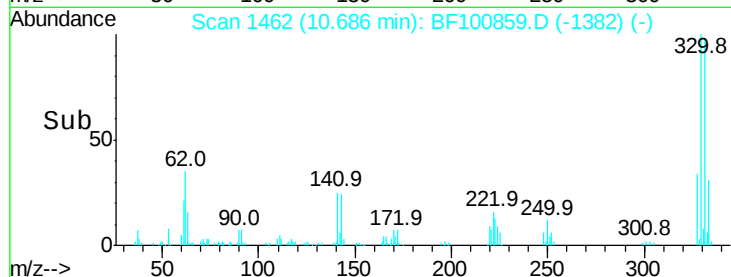
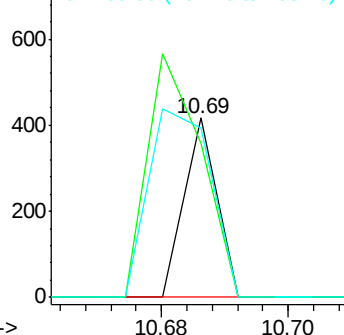
105 94.2 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.418 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.11 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

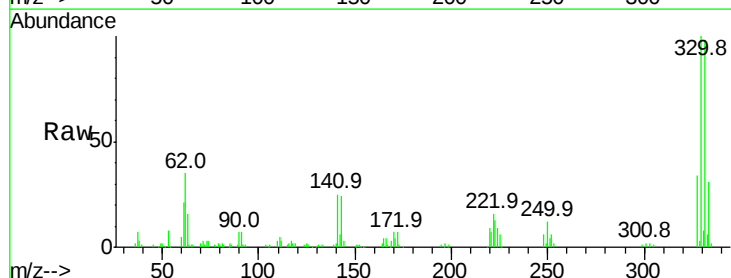
Tgt Ion:169 Resp: 3057

Ion Ratio Lower Upper

169 100

168 10.0 54.4 81.6#

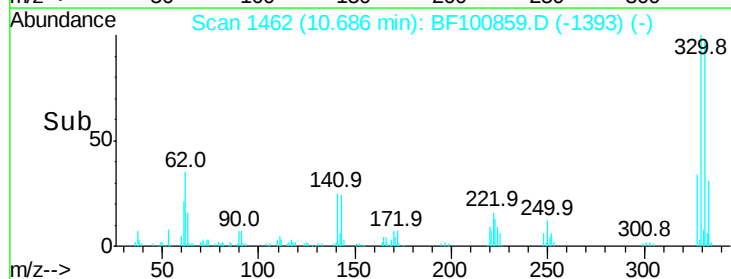
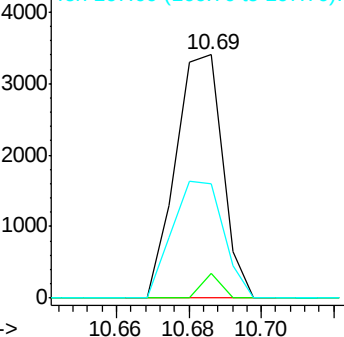
167 47.2 29.8 44.6#

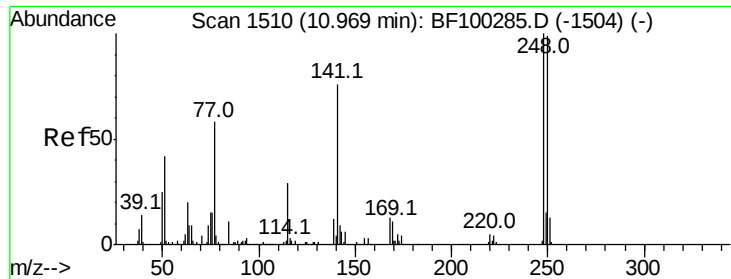


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

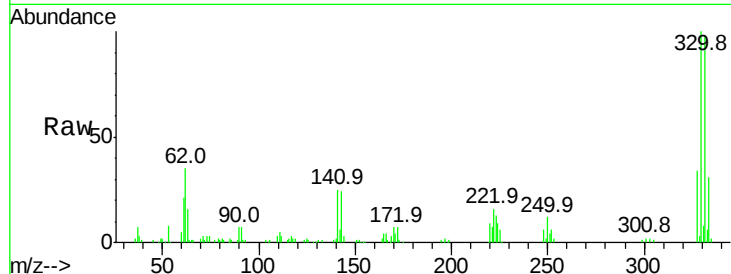




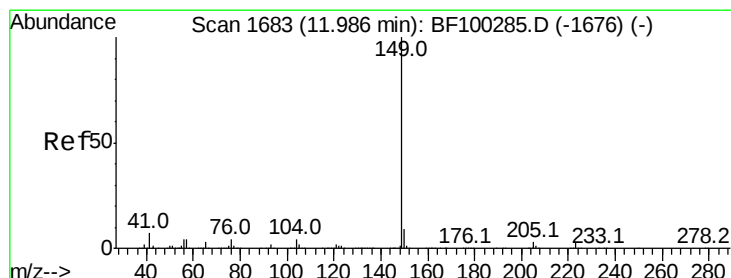
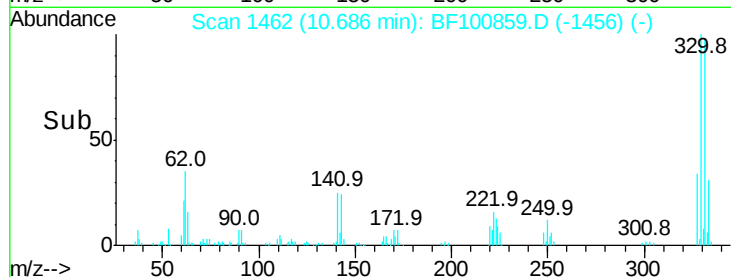
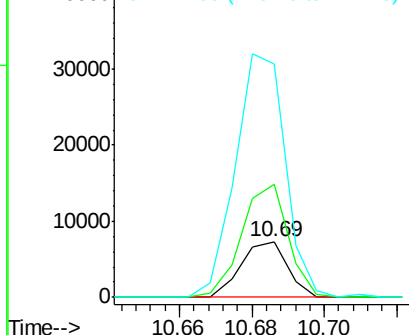
#66
 4-Bromophenyl-phenylether
 Concen: 2.883 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100859.D
 Acq: 23 Nov 2017 8:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6494
 Ion Ratio Lower Upper
 248 100
 250 201.6 76.9 115.3#
 141 416.2 74.4 111.6#

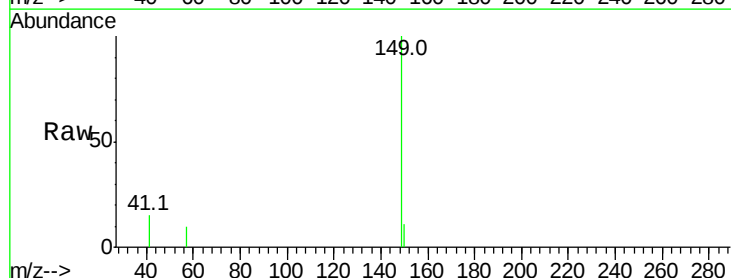


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

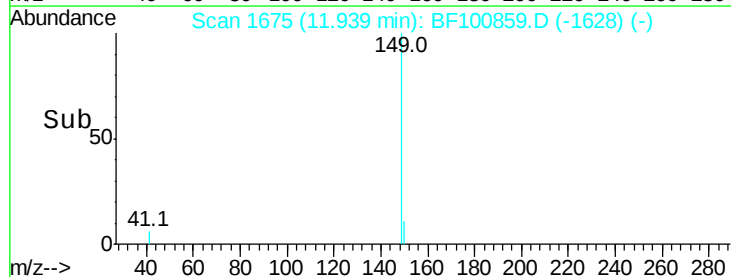
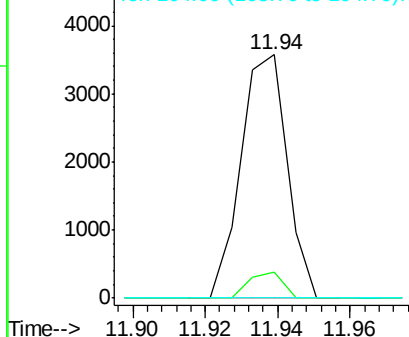


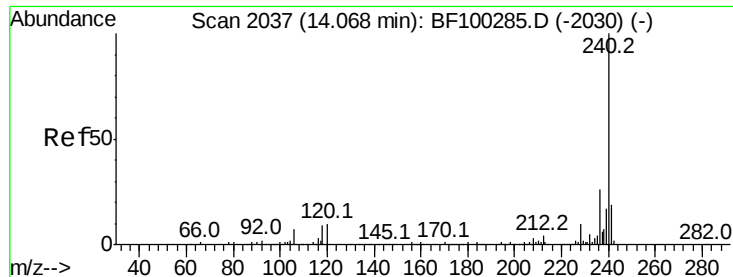
#73
 Di-n-butylphthalate
 Concen: 0.260 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.02 min
 Lab File: BF100859.D
 Acq: 23 Nov 2017 8:01

Tgt Ion:149 Resp: 3152
 Ion Ratio Lower Upper
 149 100
 150 10.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

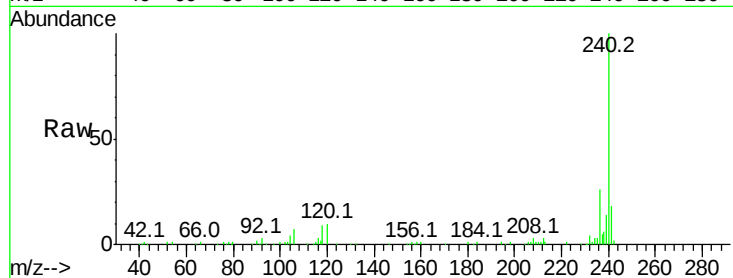
Tot Ion:240 Resp: 135021

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

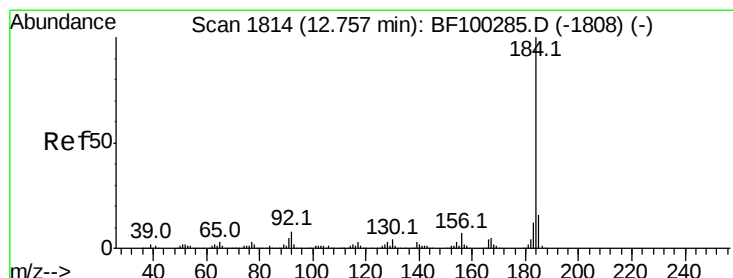
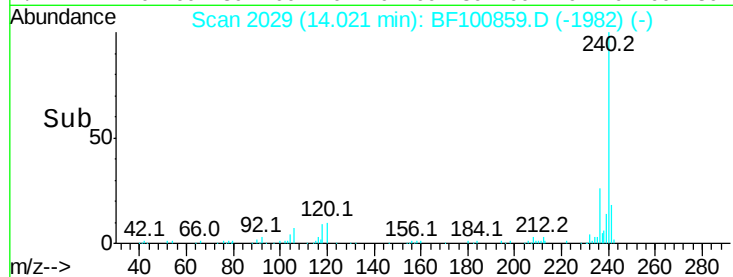
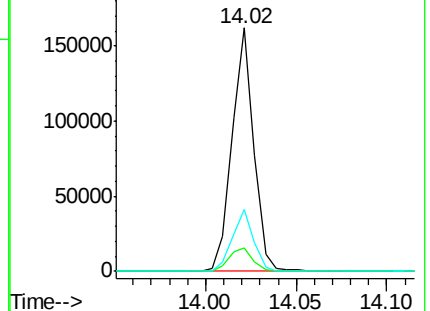
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.247 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

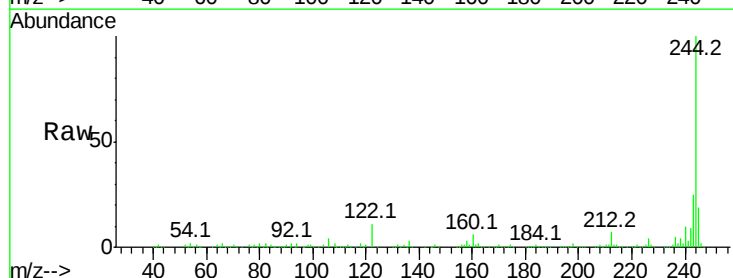
Tgt Ion:184 Resp: 6745

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

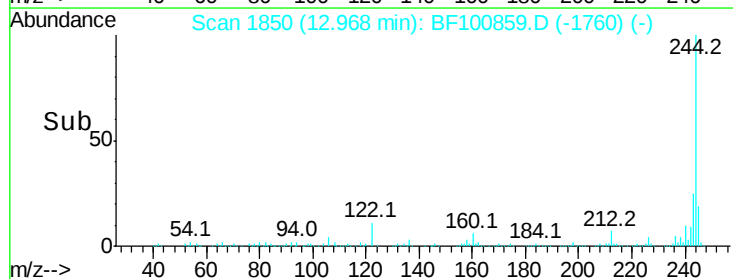
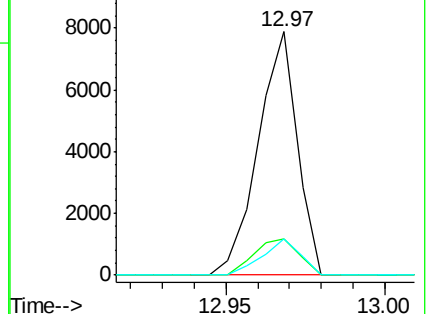
183 14.9 9.3 13.9#

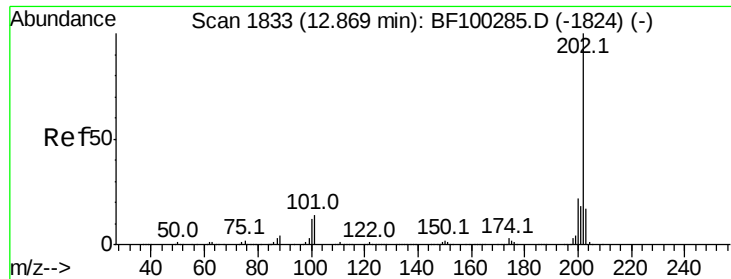


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.179 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.12 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

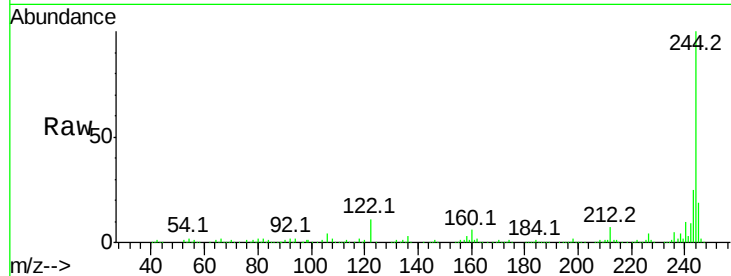
Tot Ion:202 Resp: 1724

Ion Ratio Lower Upper

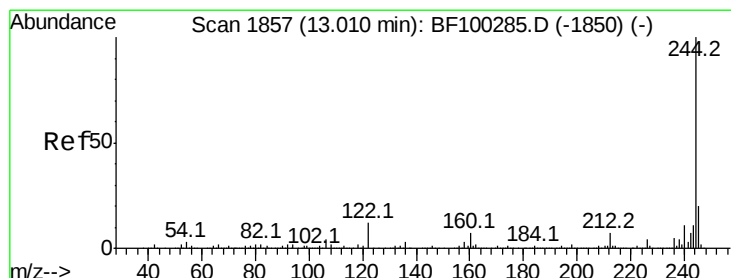
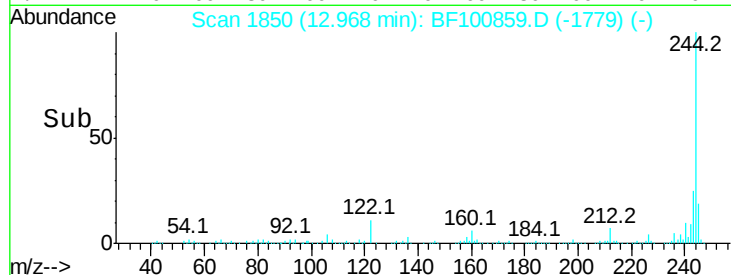
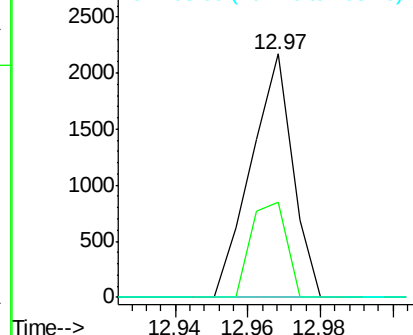
202 100

200 39.1 17.4 26.2#

203 0.0 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



#78

Terphenyl-d14

Concen: 92.939 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

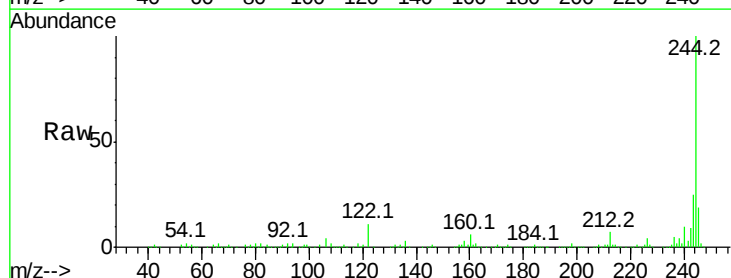
Tgt Ion:244 Resp: 546139

Ion Ratio Lower Upper

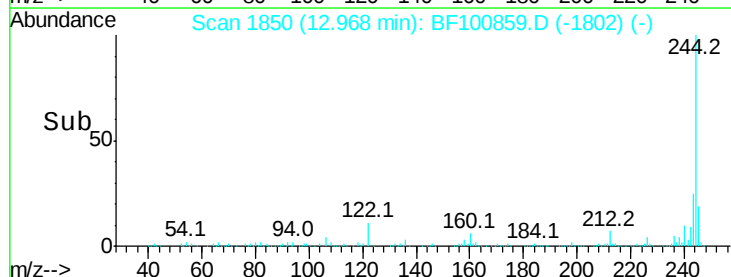
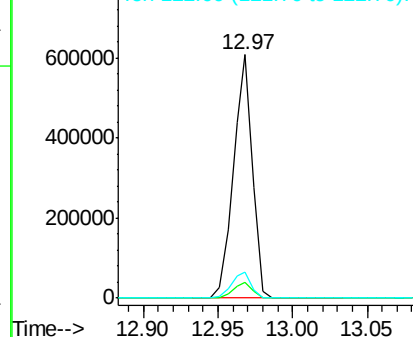
244 100

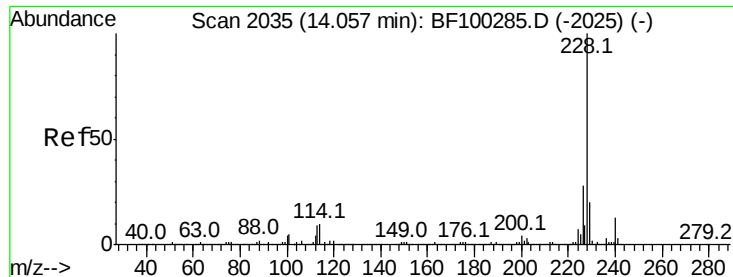
212 6.7 5.4 8.0

122 10.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.044 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

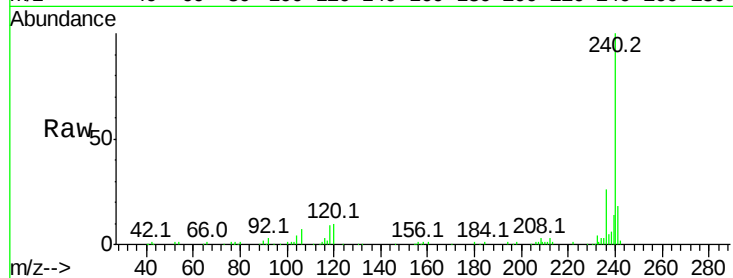
Tot Ion:228 Resp: 354

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

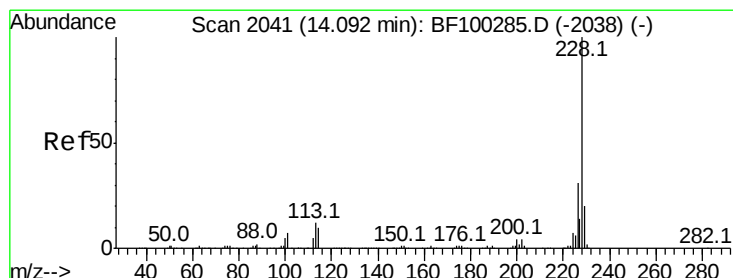
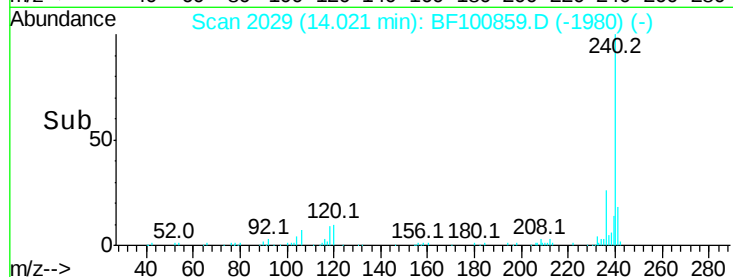
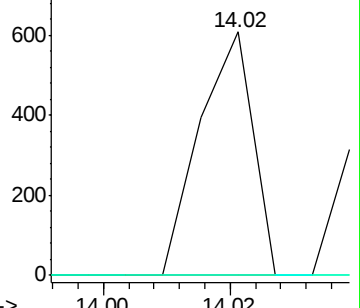
229 0.0 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.057 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

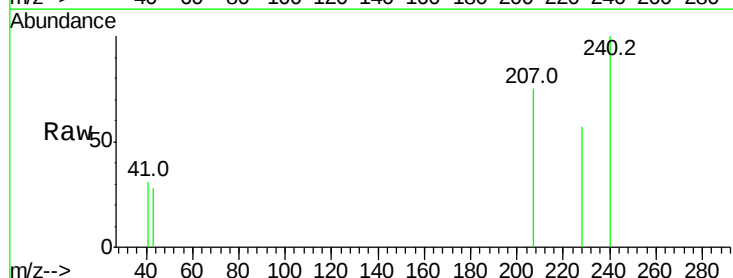
Tgt Ion:228 Resp: 446

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

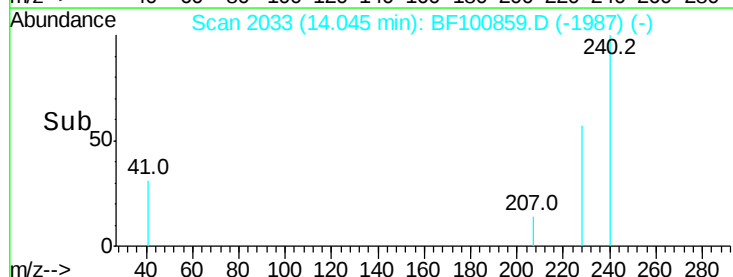
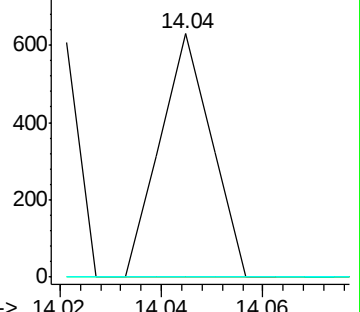
229 0.0 16.2 24.4#

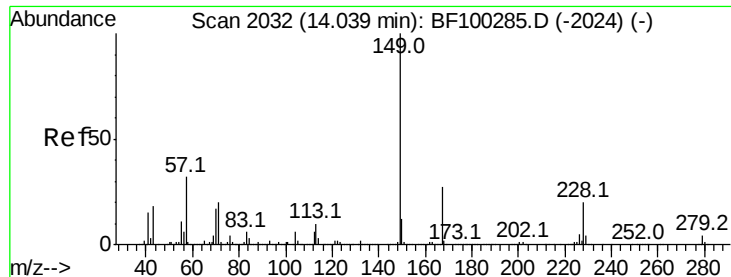


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

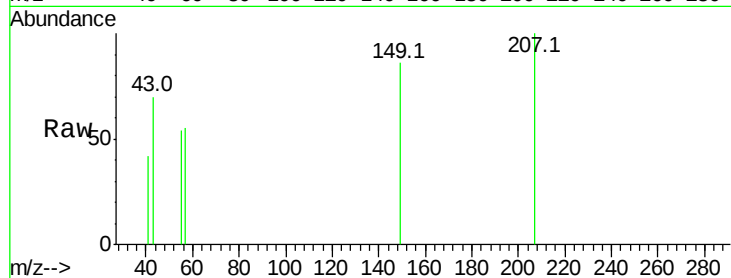




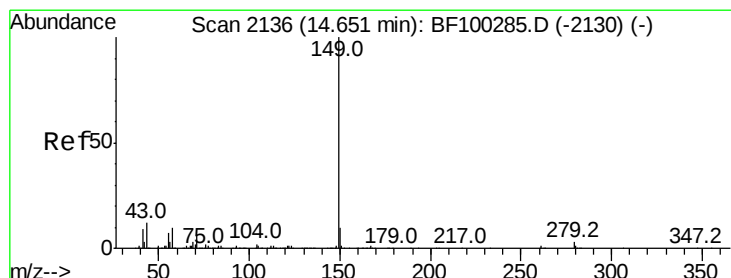
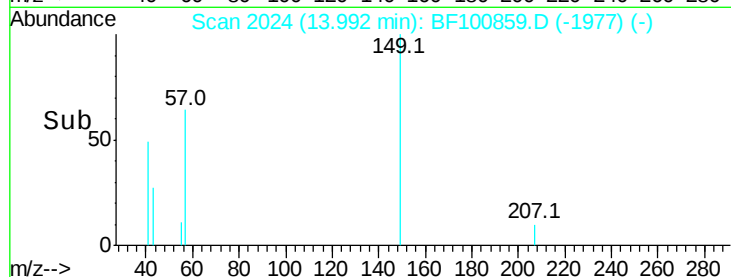
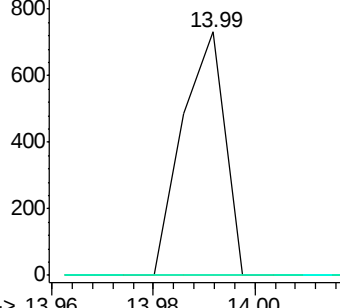
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100859.D
 Acq: 23 Nov 2017 8:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 429
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.3 31.9#
 279 0.0 3.0 4.4#

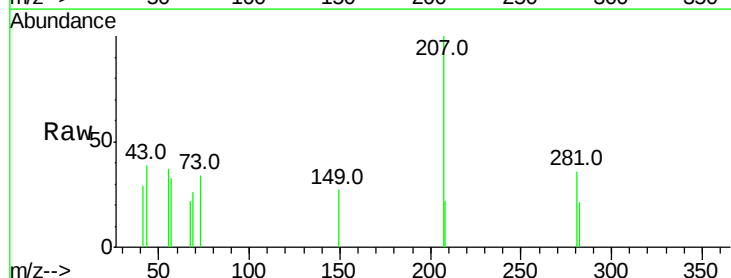


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

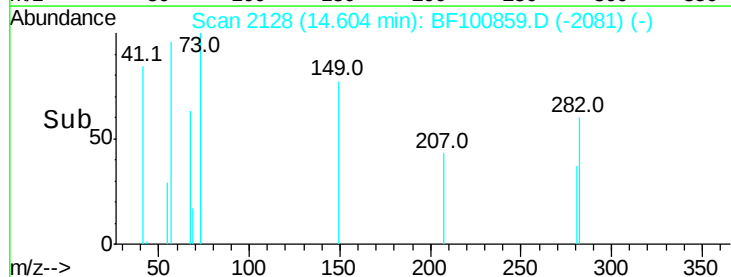
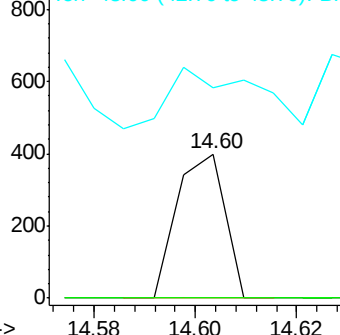


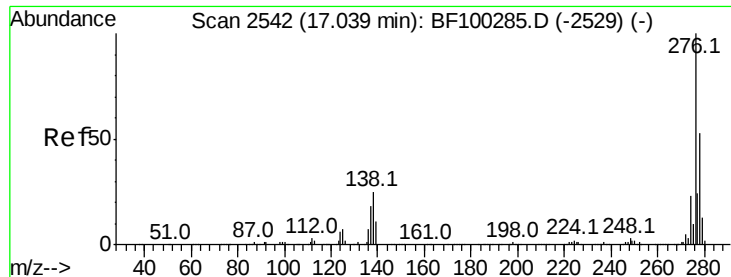
#84
 Di-n-octyl phthalate
 Concen: 0.030 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BF100859.D
 Acq: 23 Nov 2017 8:01

Tgt Ion:149 Resp: 262
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 73.7 8.4 12.6#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampled :

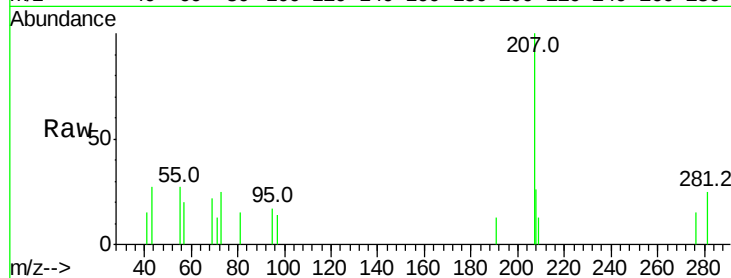
Tot Ion:276 Resp: 128

Ion Ratio Lower Upper

276 100

138 0.0 25.0 37.6#

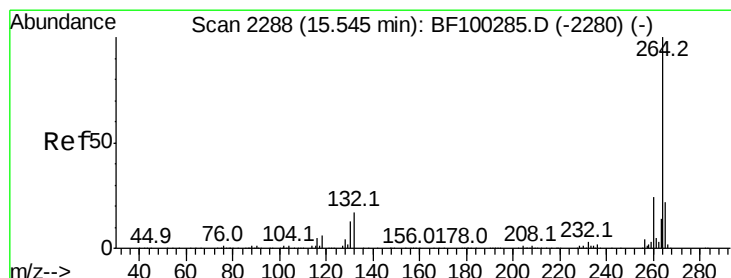
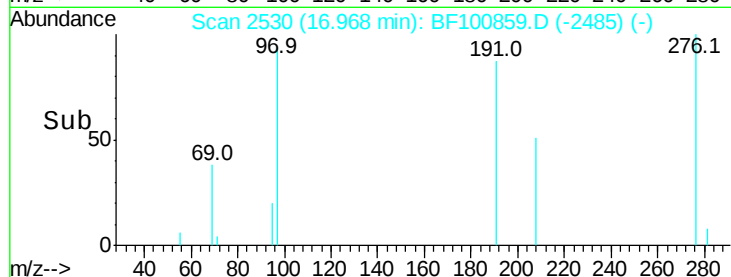
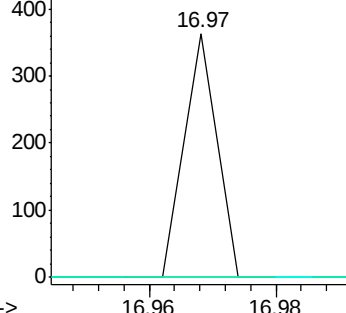
277 0.0 20.1 30.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

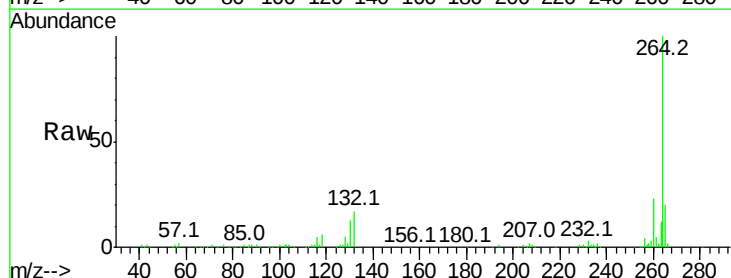
Tgt Ion:264 Resp: 151847

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

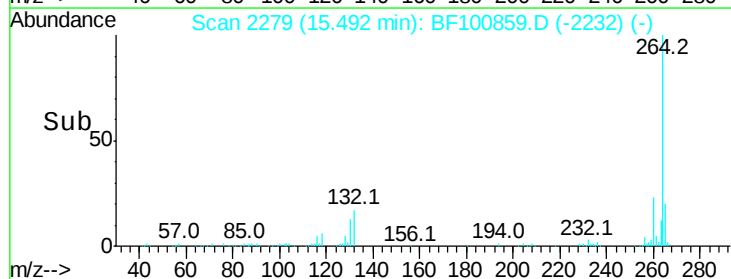
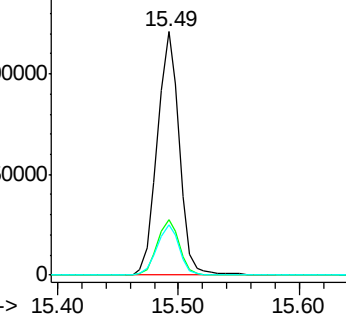
265 20.5 17.5 26.3

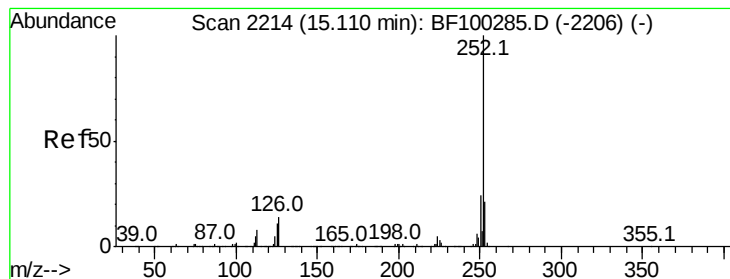


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.102 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

Instrument :

BNA_F

ClientSampleId :

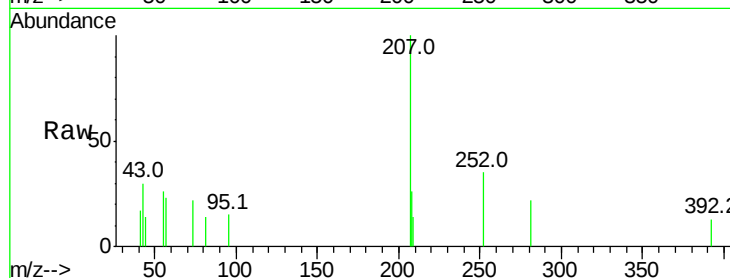
Tot Ion:252 Resp: 919

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.6#

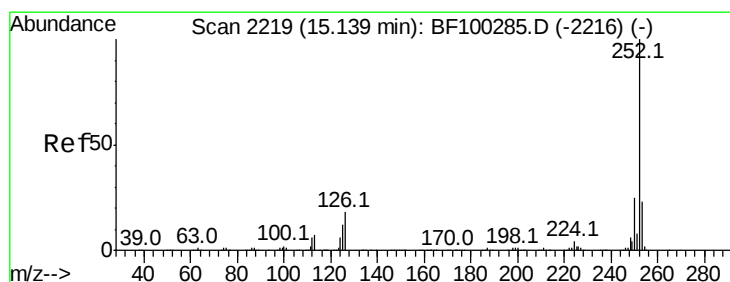
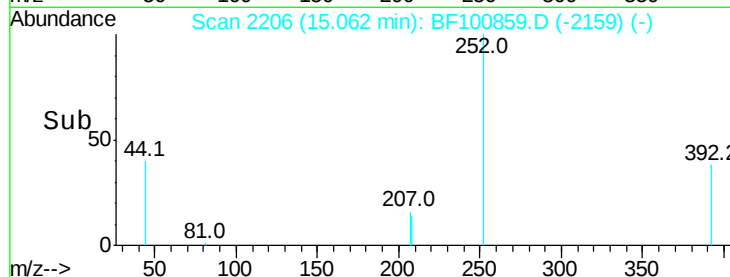
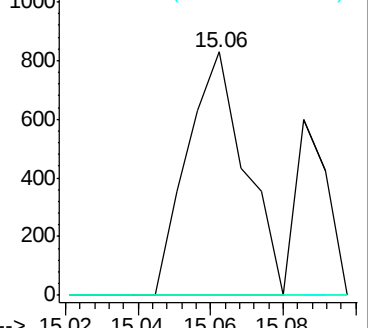
125 0.0 9.0 13.6#



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: 0.043 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.03 min

Lab File: BF100859.D

Acq: 23 Nov 2017 8:01

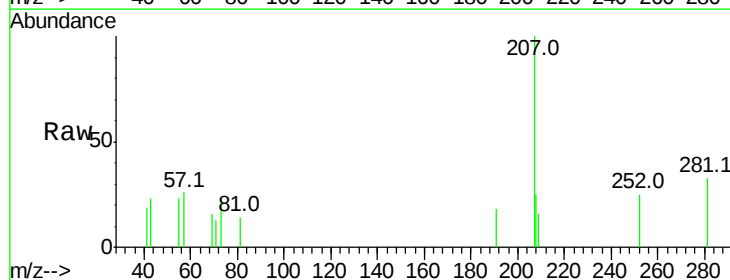
Tgt Ion:252 Resp: 362

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

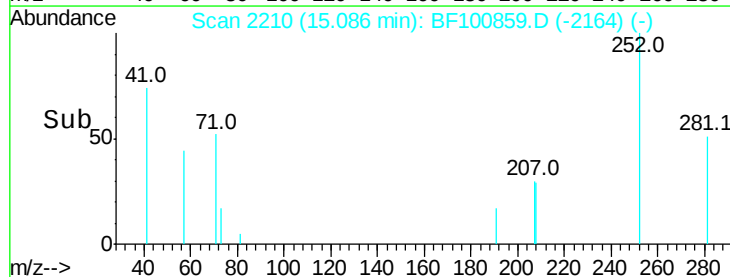
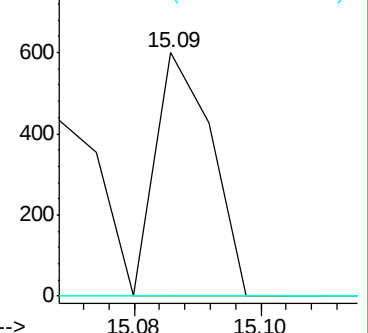
125 0.0 10.2 15.2#

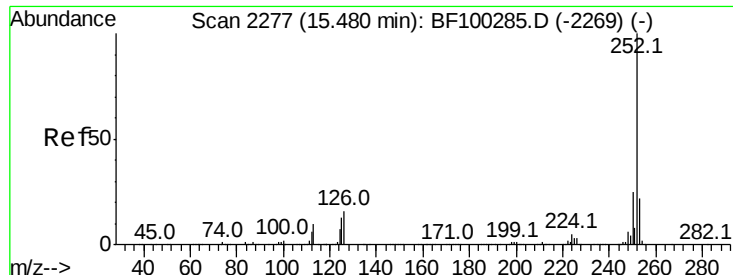


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

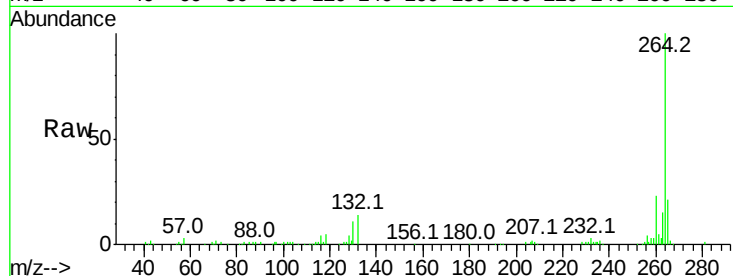




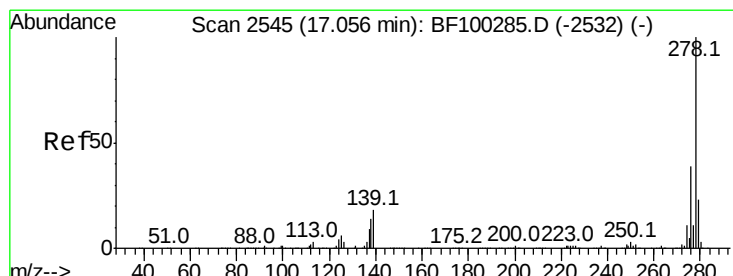
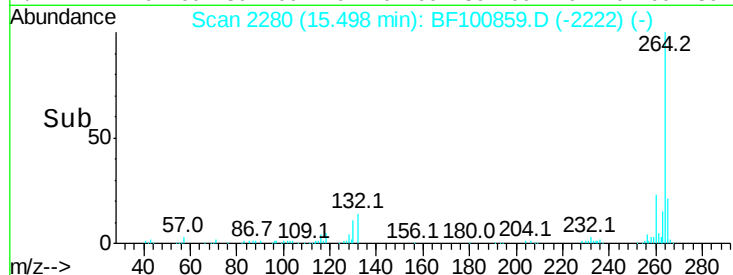
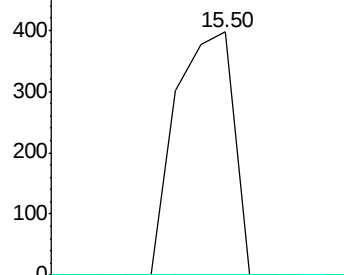
#89
Benzo(a)pyrene
Concen: 0.048 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 379
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 9.8 14.6#

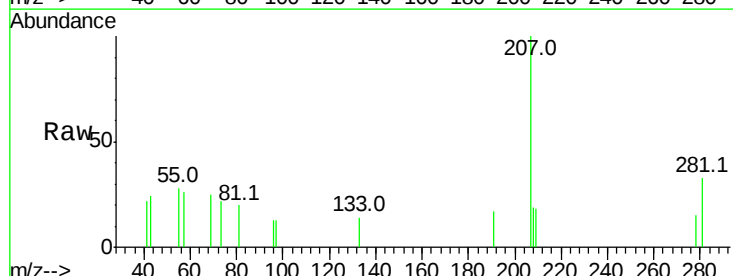


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 0.052 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BF100859.D
Acq: 23 Nov 2017 8:01

Tgt Ion:278 Resp: 337
Ion Ratio Lower Upper
278 100
139 0.0 15.9 23.9#
279 0.0 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

