

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100865.D
 Acq On : 23 Nov 2017 10:40
 Operator : SJ/JU
 Sample : I6541-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:52:11 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	67738	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	258512	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	118706	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	198419	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	130801	20.00	ng	-0.02
86) Perylene-d12	15.49	264	145522	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	188358	44.57	ng	-0.02
7) Phenol-d6	6.48	99	144423	27.72	ng	-0.03
23) Nitrobenzene-d5	7.42	82	427715	109.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	113346	93.70	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	837965	107.49	ng	-0.02
78) Terphenyl-d14	12.97	244	565116	99.27	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.49	93	324	0.044	ng	# 1
9) Benzaldehyde	6.63	77	6912	1.857	ng	90
10) Phenol	6.49	94	15789	2.886	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	149	0.032	ng	# 1
15) Benzyl Alcohol	7.02	79	6964	1.712	ng	# 48
19) n-Nitroso-di-n-propylamine	7.42	70	55585	15.381	ng	# 80
24) Nitrobenzene	7.42	77	1089	0.271	ng	# 36
25) Isophorone	7.42	82	427706	52.052	ng	# 64
45) 1,1'-Biphenyl	9.22	154	1388	0.135	ng	# 1
47) 2-Nitroaniline	9.22	65	1271	3.328	ng	# 1
49) Dimethylphthalate	9.60	163	14981	1.653	ng	98
50) 2,6-Dinitrotoluene	9.89	165	15229	8.489	ng	# 24
51) Acenaphthene	9.90	154	310	0.041	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	15229	6.729	ng	# 21
57) Fluorene	10.68	166	5106	0.662	ng	# 88
59) Diethylphthalate	10.30	149	1187	0.131	ng	# 61
62) Azobenzene	10.68	77	320	0.037	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3226	0.468	ng	# 36
66) 4-Bromophenyl-phenvlether	10.69	248	7099	3.338	ng	# 1
70) Phenanthrene	11.40	178	136	0.013	ng	# 59
71) Anthracene	11.40	178	136	0.013	ng	# 60
73) Di-n-butylphthalate	11.94	149	1306	0.114	ng	# 78
76) Benzidine	12.97	184	6420	1.226	ng	# 86
77) Pyrene	12.97	202	1610	0.173	ng	# 51
80) Benzo(a)anthracene	14.02	228	417	0.053	ng	# 51
82) Chrysene	14.04	228	159	0.021	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	656	0.131	ng	# 53
84) Di-n-octyl phthalate	14.60	149	162	0.019	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.97	276	109	0.018	ng	# 46
87) Benzo(b)fluoranthene	15.06	252	527	0.061	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	442	0.054	ng	# 59
89) Benzo(a)pyrene	15.49	252	287	0.038	ng	# 60

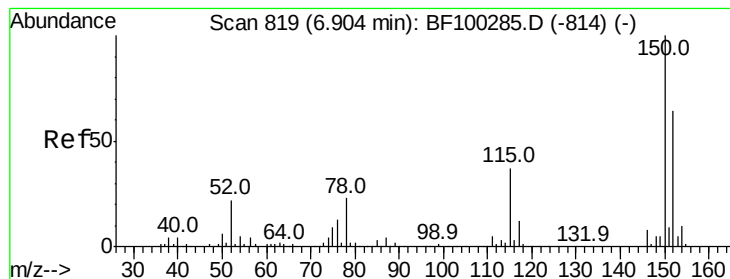
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100865.D
Acq On : 23 Nov 2017 10:40
Operator : SJ/JU
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 23 23:52:11 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

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

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

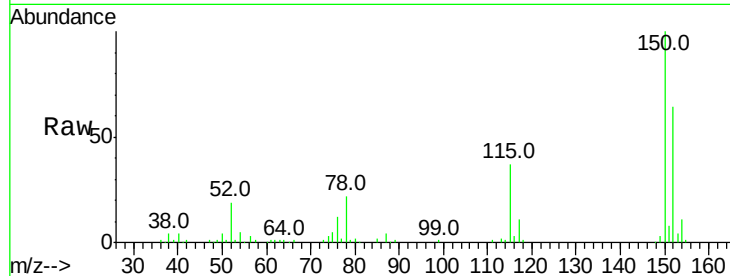


#1

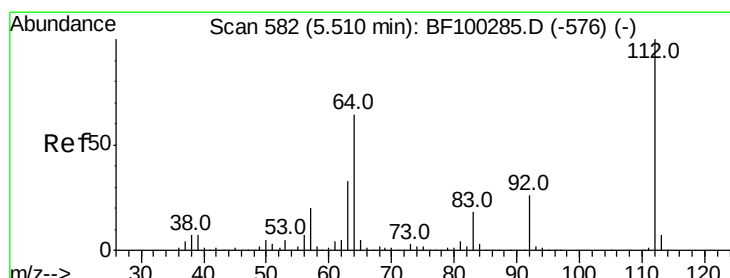
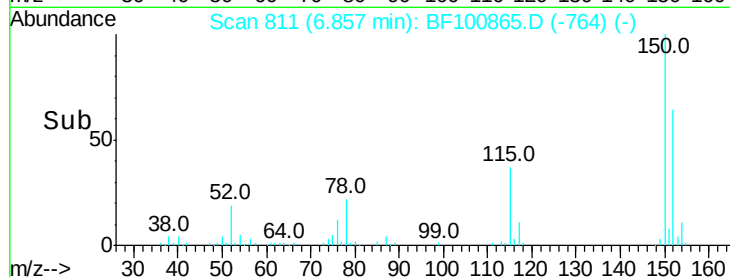
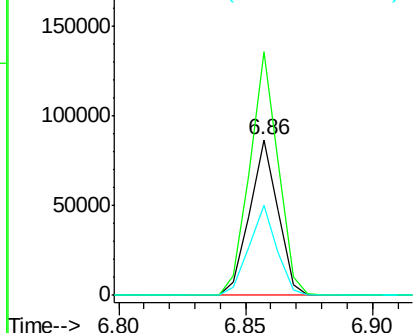
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67738
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 58.0 50.1 75.1



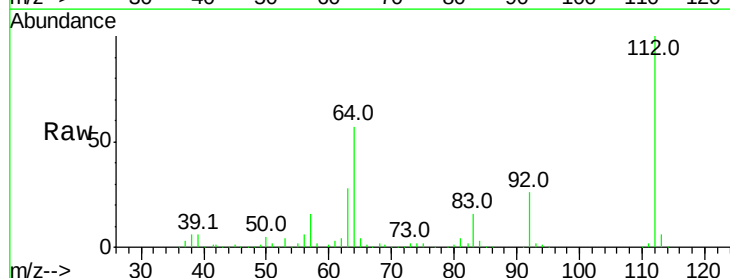
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



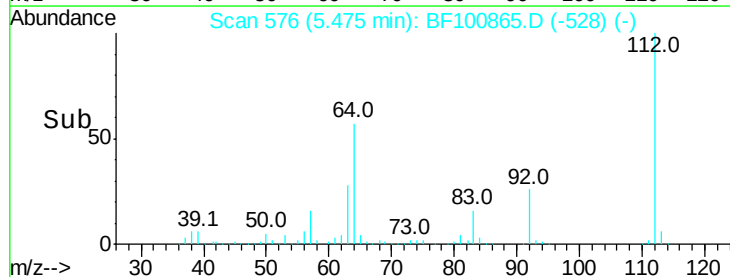
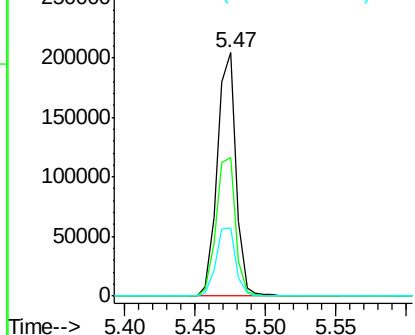
#5

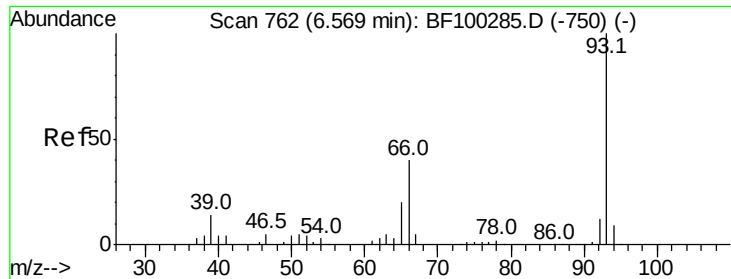
2-Fluorophenol
Concen: 44.574 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Tgt Ion:112 Resp: 188358
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.044 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampled :

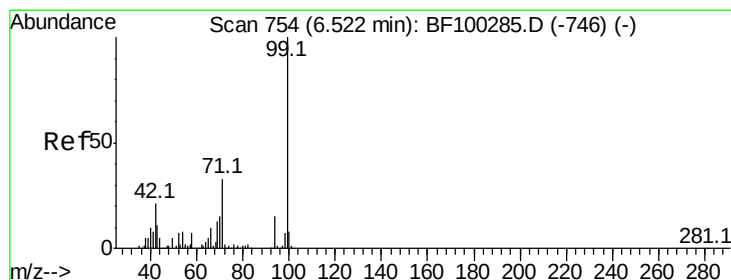
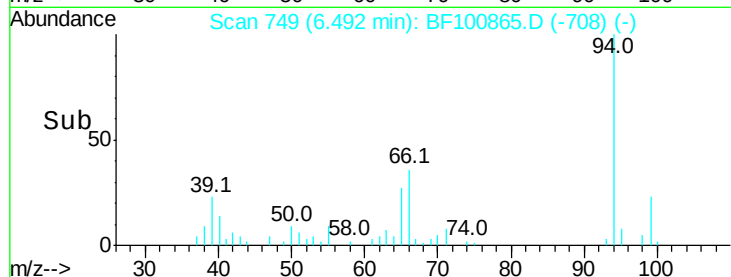
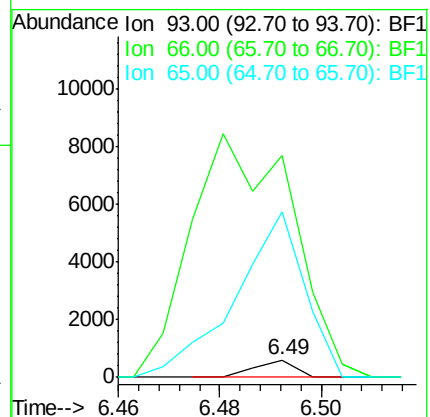
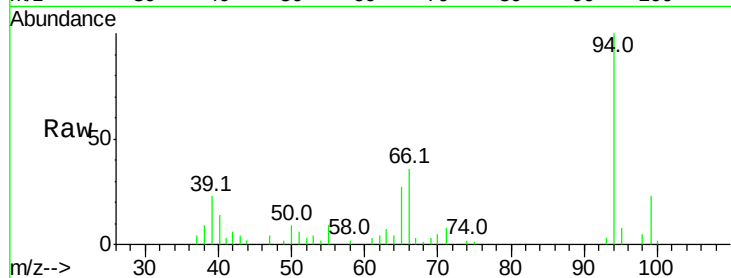
Tot Ion: 93 Resp: 324

Ion Ratio Lower Upper

93 100

66 1306.9 32.2 48.2#

65 975.8 16.4 24.6#



#7

Phenol-d6

Concen: 27.716 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

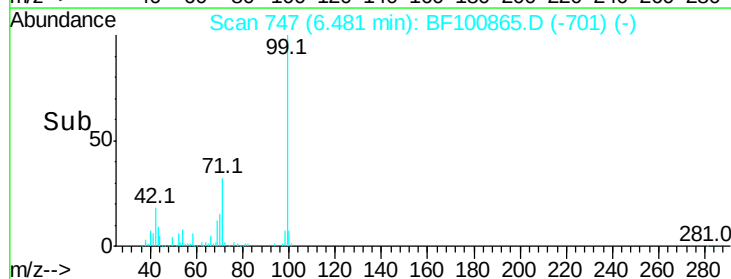
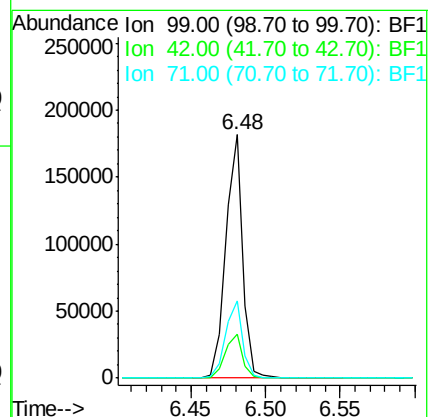
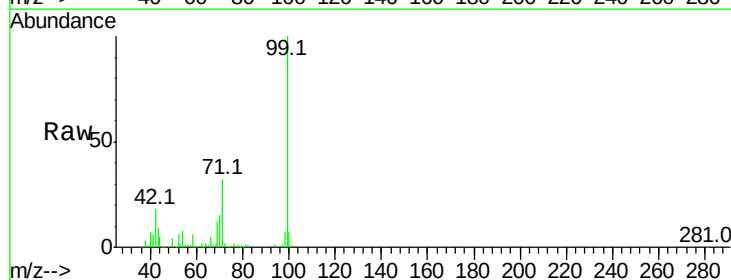
Tgt Ion: 99 Resp: 144423

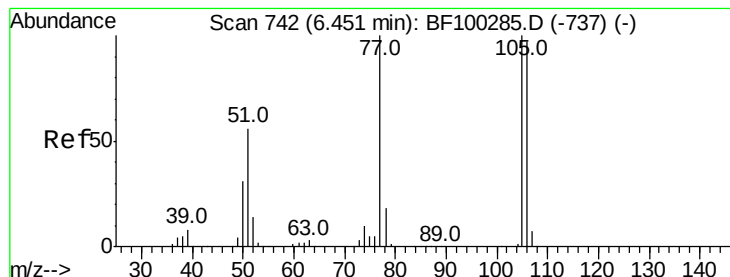
Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 31.5 25.4 38.0





#9

Benzaldehyde

Concen: 1.857 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

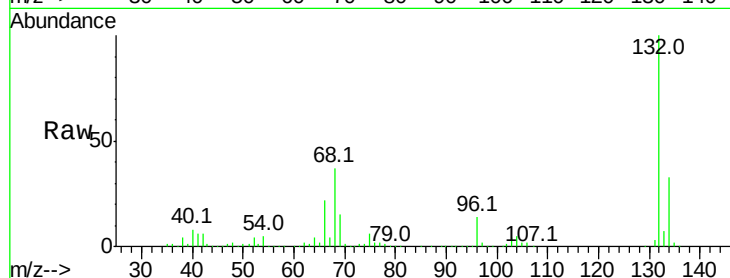
Tot Ion: 77 Resp: 6912

Ion Ratio Lower Upper

77 100

105 94.1 81.1 121.1

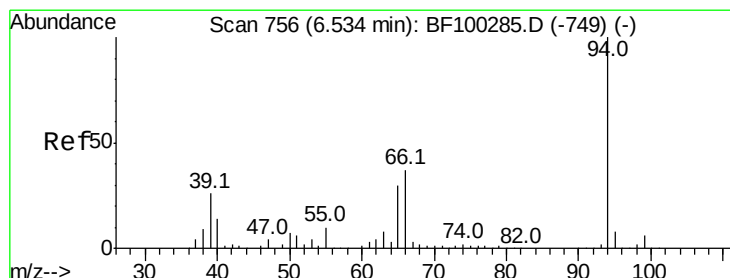
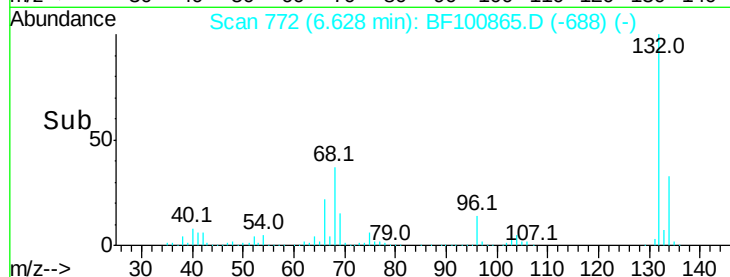
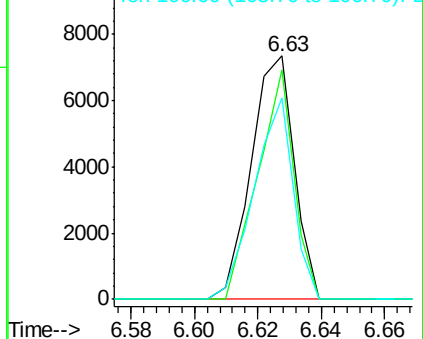
106 82.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.886 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

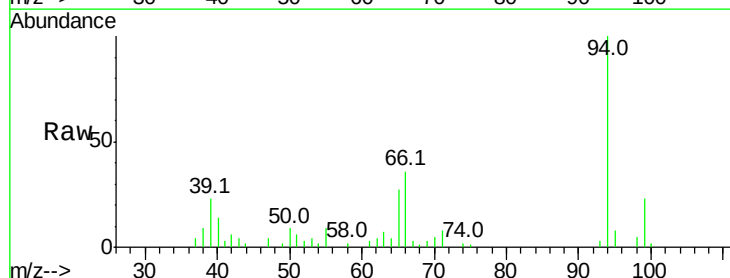
Tgt Ion: 94 Resp: 15789

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

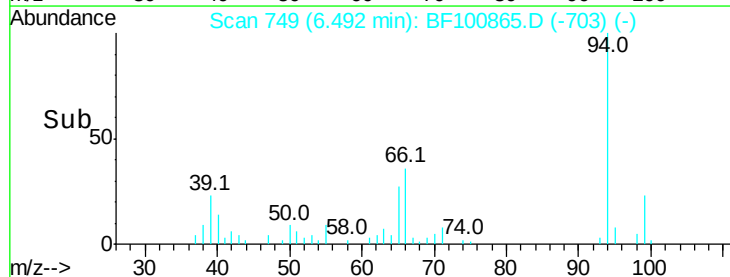
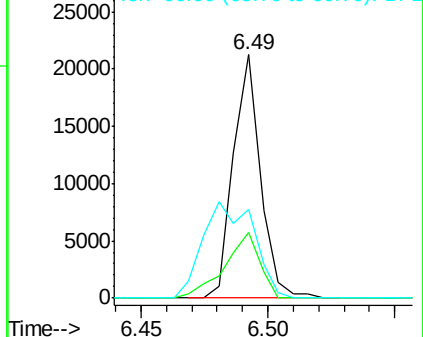
66 36.3 16.2 56.2

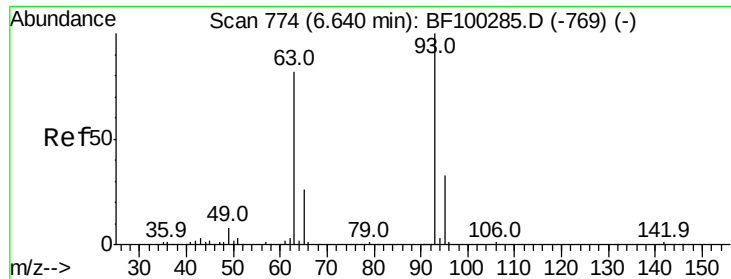


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

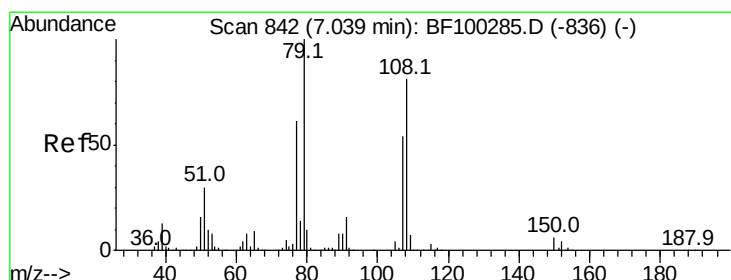
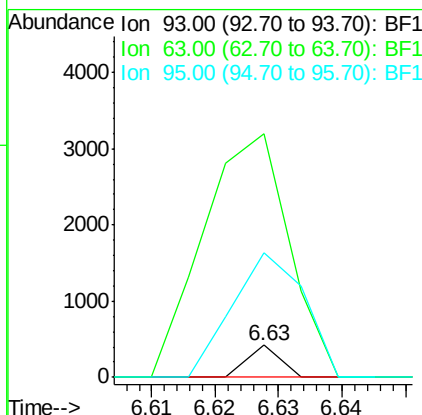
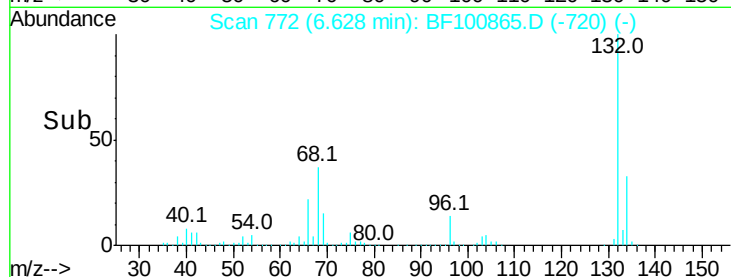
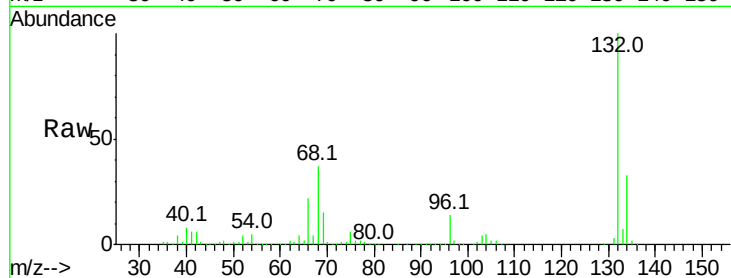




#11
 bis(2-Chloroethyl)ether
 Concen: 0.032 ng
 RT: 6.63 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF100865.D
 Acq: 23 Nov 2017 10:40

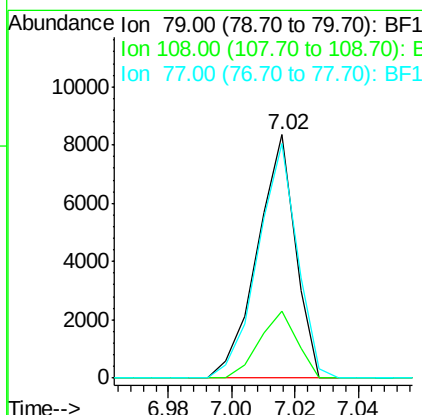
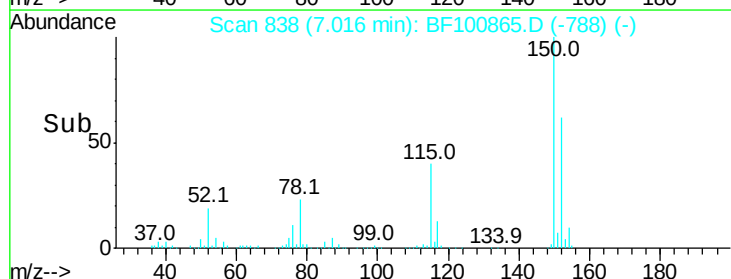
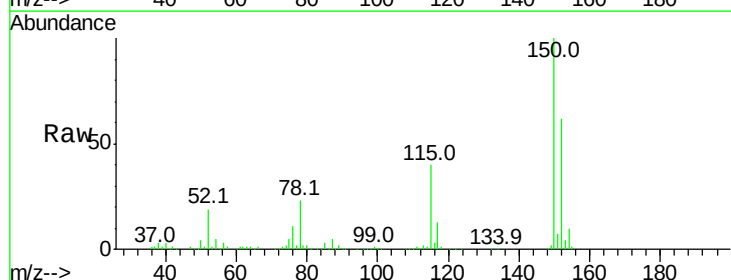
Instrument :
 BNA_F
 ClientSampleId :

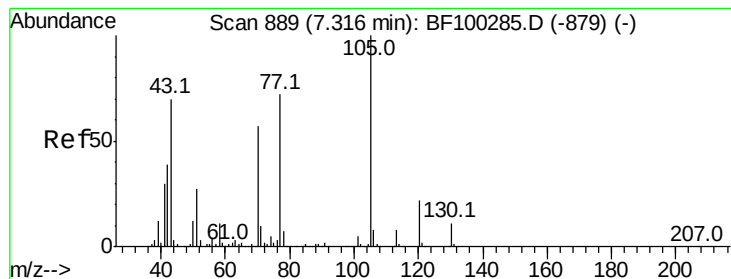
Tot Ion: 93 Resp: 149
 Ion Ratio Lower Upper
 93 100
 63 755.3 58.6 98.6#
 95 385.3 11.8 51.8#



#15
 Benzyl Alcohol
 Concen: 1.712 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF100865.D
 Acq: 23 Nov 2017 10:40

Tgt Ion: 79 Resp: 6964
 Ion Ratio Lower Upper
 79 100
 108 27.7 65.1 97.7#
 77 96.1 50.6 75.8#





#19

n-Nitroso-di-n-propylamine

Concen: 15.381 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 55585

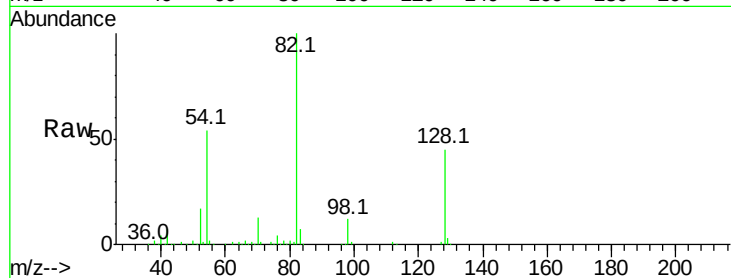
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

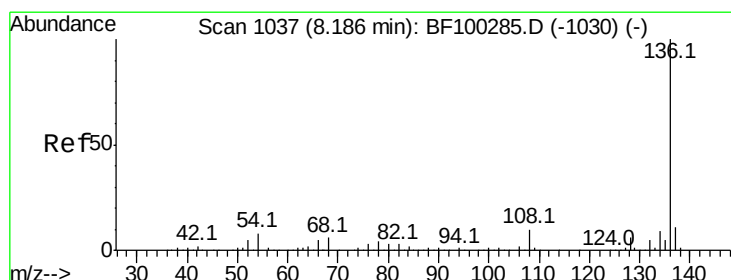
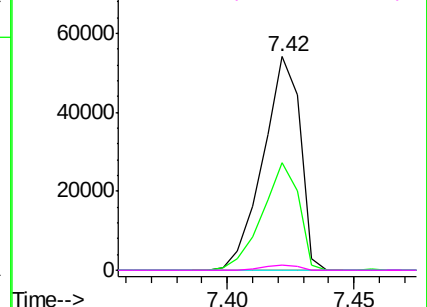
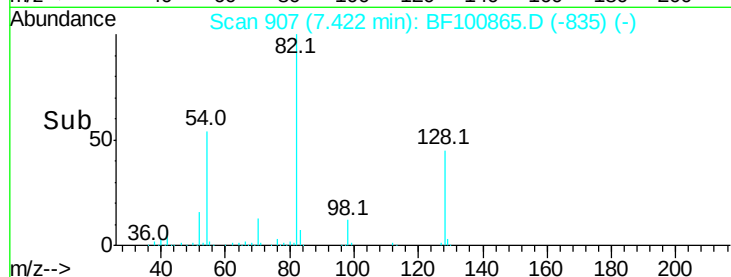


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100865.D

Acq: 23 Nov 2017 10:40

Tgt Ion:136 Resp: 258512

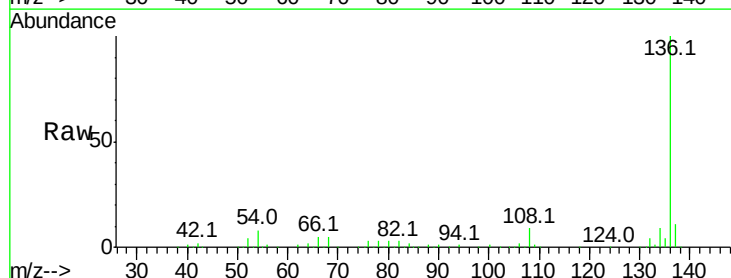
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 4.9 5.0 7.4#

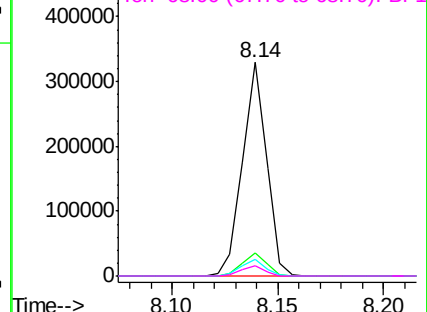
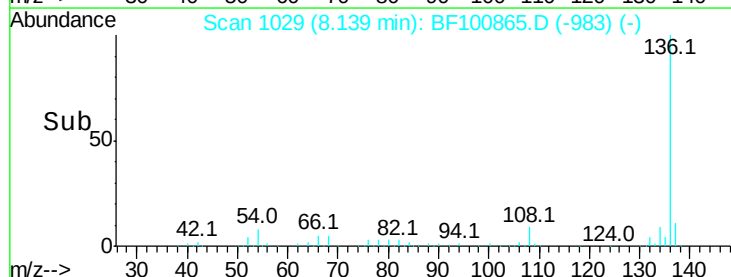


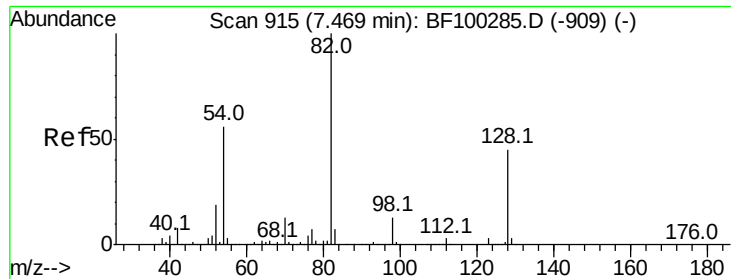
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

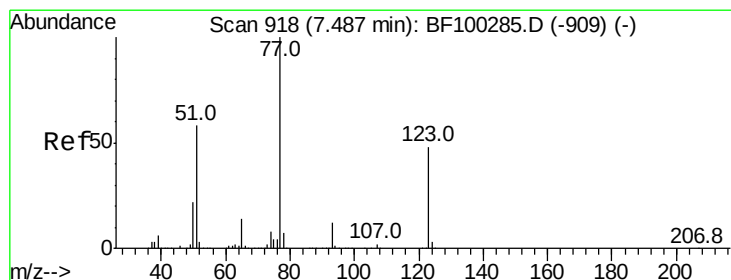
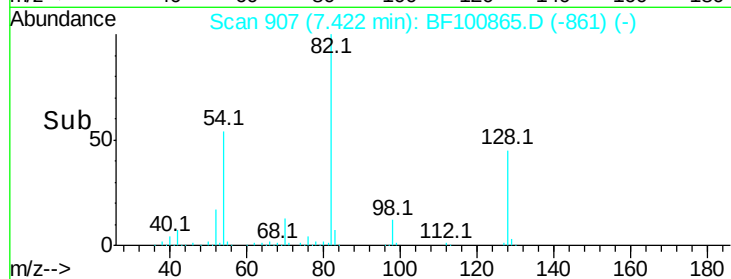
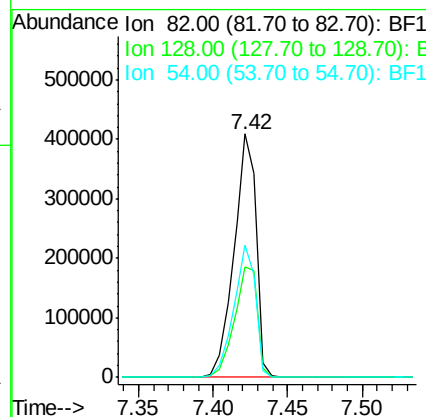
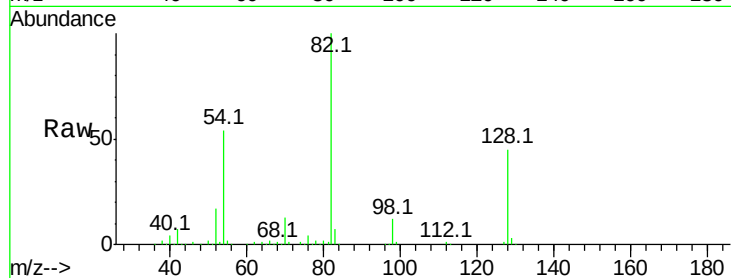




#23
 Nitrobenzene-d5
 Concen: 109.386 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.03 min
 Lab File: BF100865.D
 Acq: 23 Nov 2017 10:40

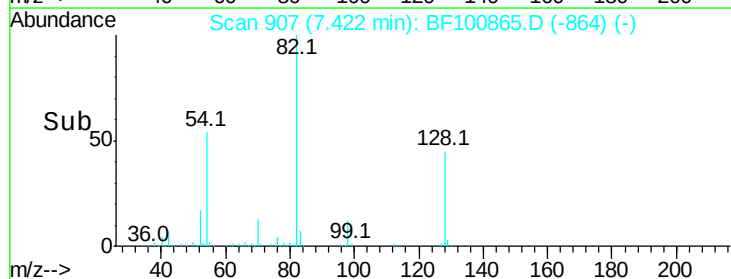
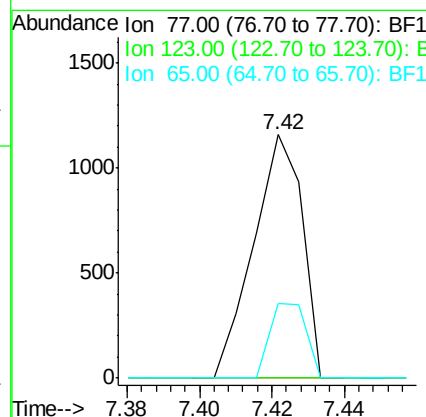
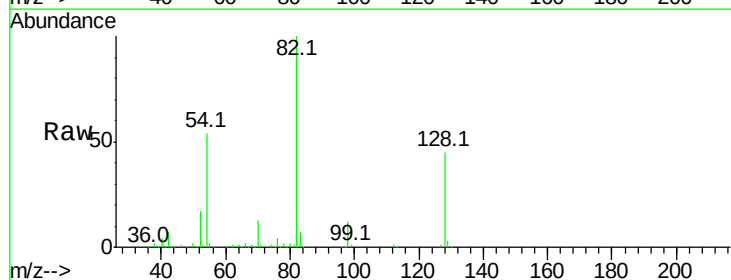
Instrument :
 BNA_F
 ClientSampled :

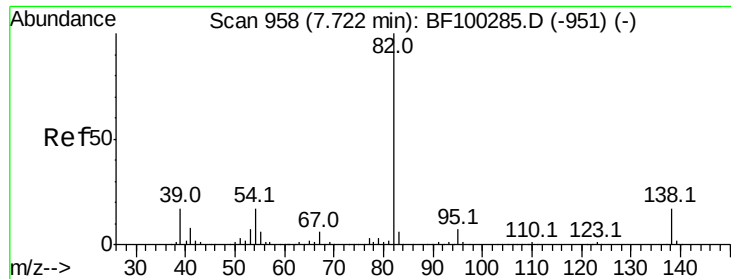
Tot Ion: 82 Resp: 427715
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 54.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 0.271 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: BF100865.D
 Acq: 23 Nov 2017 10:40

Tgt Ion: 77 Resp: 1089
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 30.6 11.0 16.4#





#25

Isophorone

Concen: 52.052 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

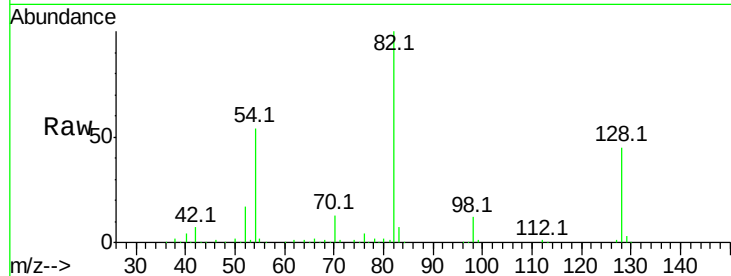
Tot Ion: 82 Resp: 427706

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

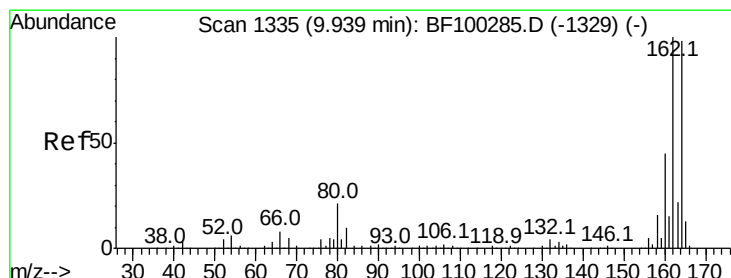
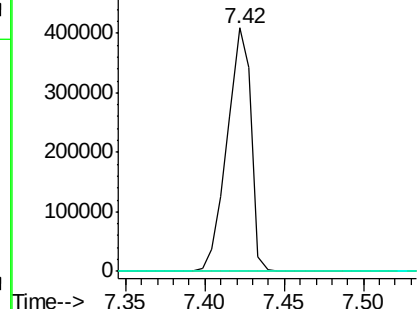
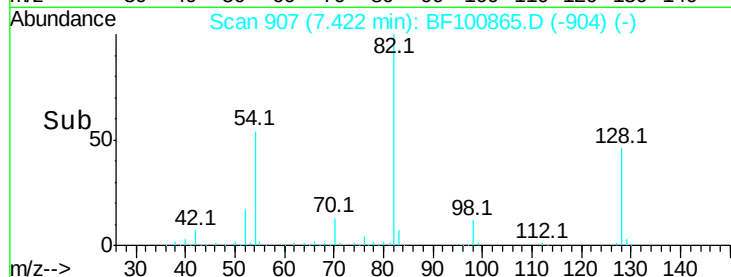
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

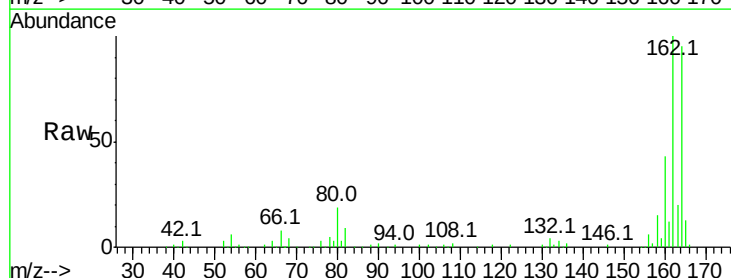
Tgt Ion: 164 Resp: 118706

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

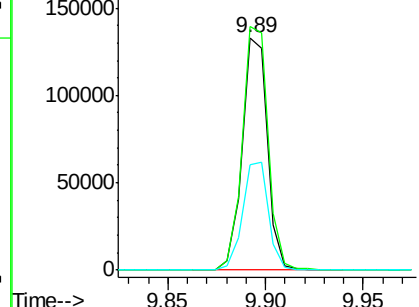
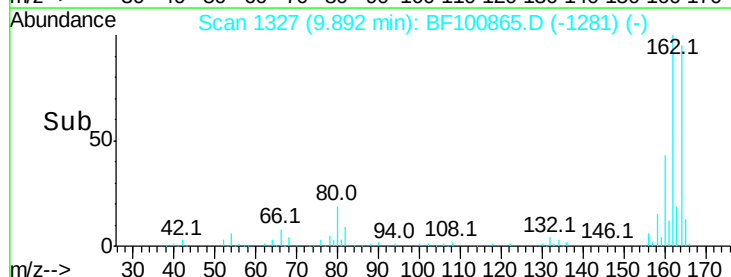
160 45.3 38.3 57.5

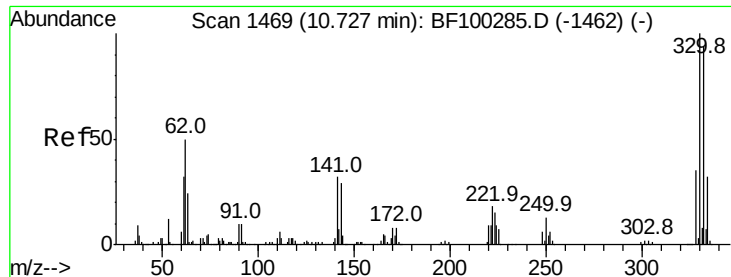


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

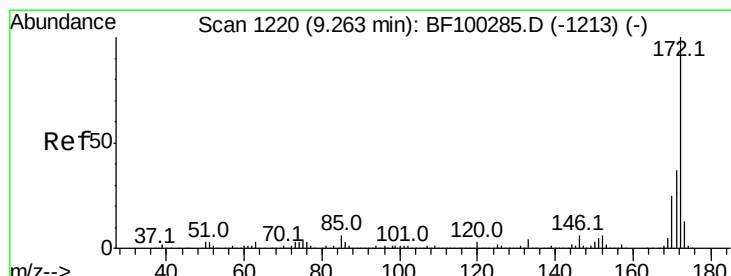
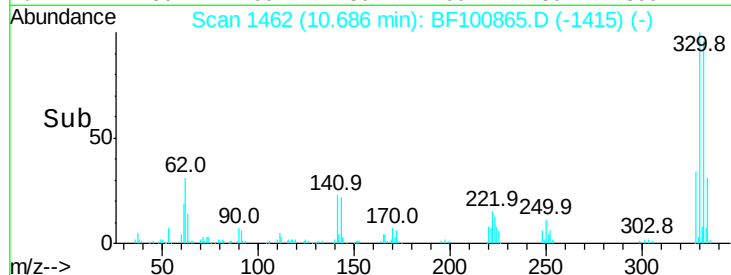
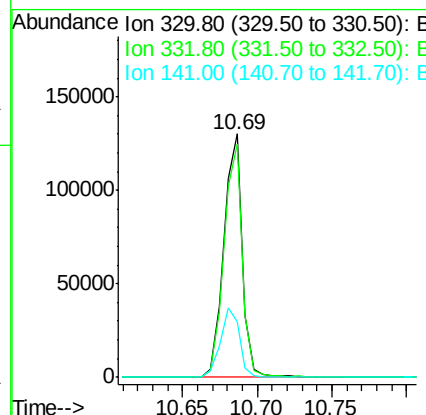
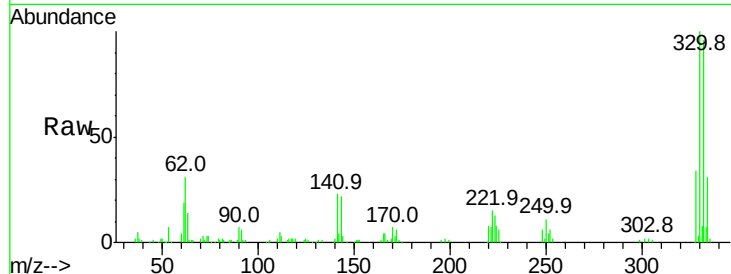




#41
 2,4,6-Tribromophenol
 Concen: 93.704 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100865.D
 Acq: 23 Nov 2017 10:40

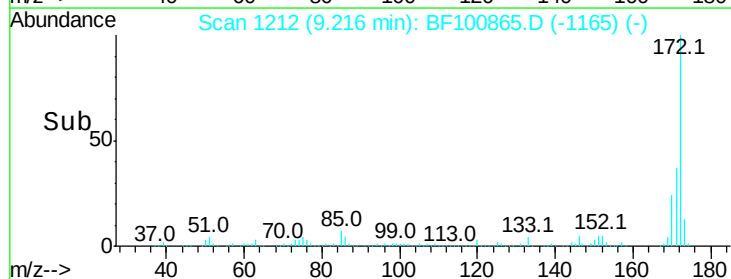
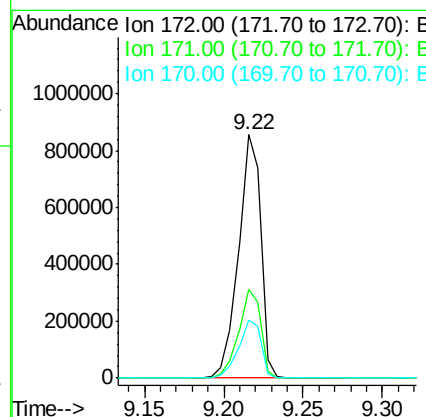
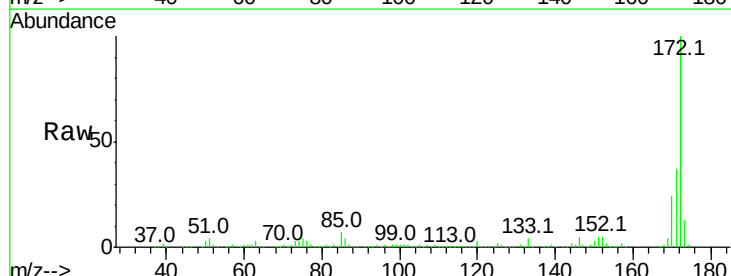
Instrument :
 BNA_F
 ClientSampleId :

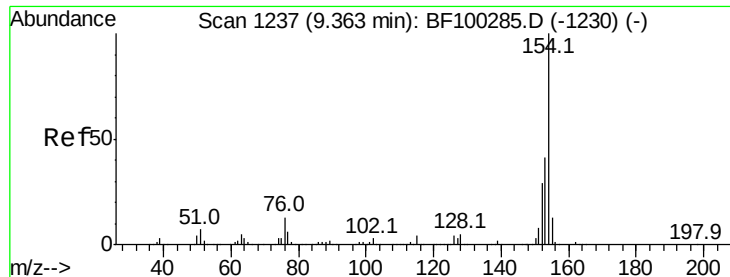
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.1	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 107.491 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100865.D
 Acq: 23 Nov 2017 10:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 0.135 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.13 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

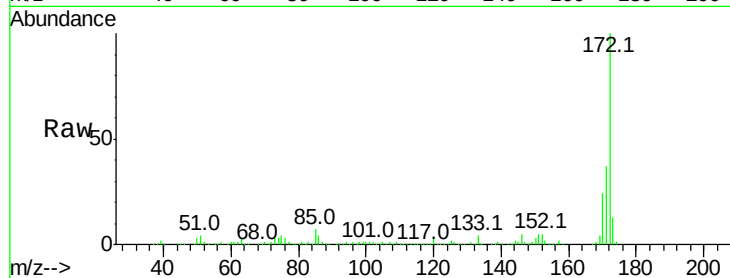
Tot Ion:154 Resp: 1388

Ion Ratio Lower Upper

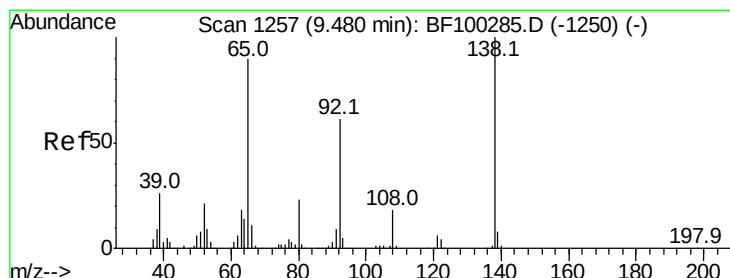
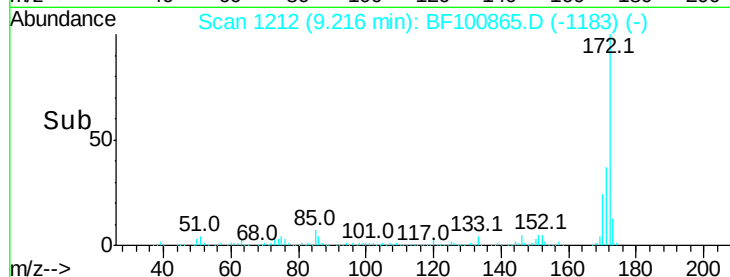
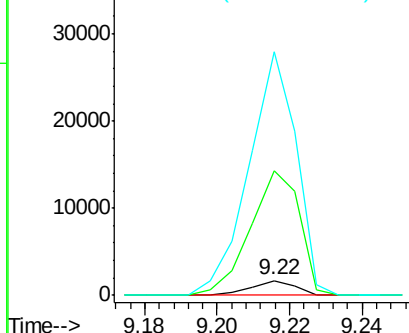
154 100

153 853.6 21.3 61.3#

76 1664.8 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: 3.328 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

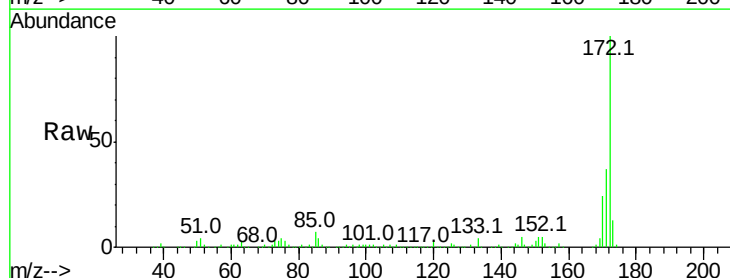
Tgt Ion: 65 Resp: 1271

Ion Ratio Lower Upper

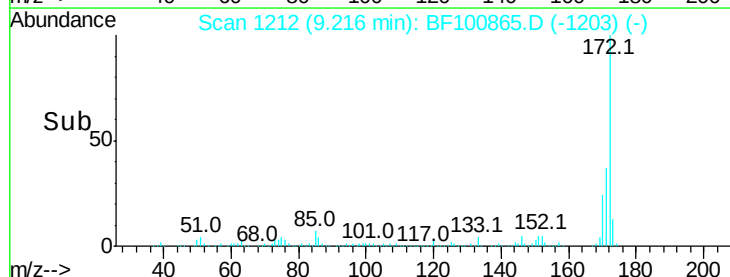
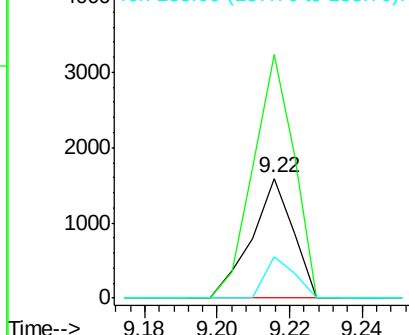
65 100

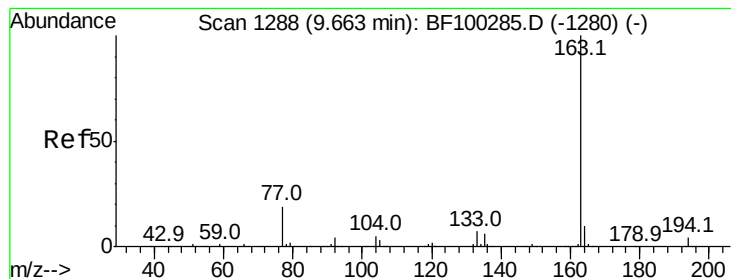
92 203.8 55.8 83.6#

138 34.9 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: 1.653 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampled :

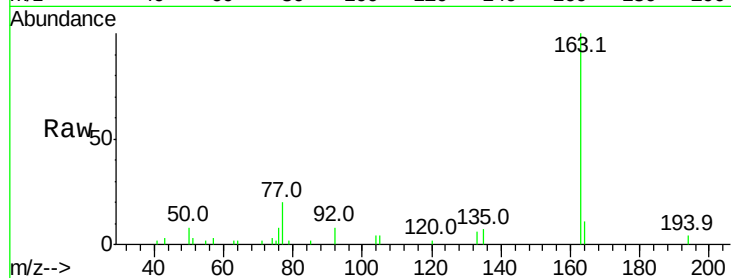
Tot Ion:163 Resp: 14981

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

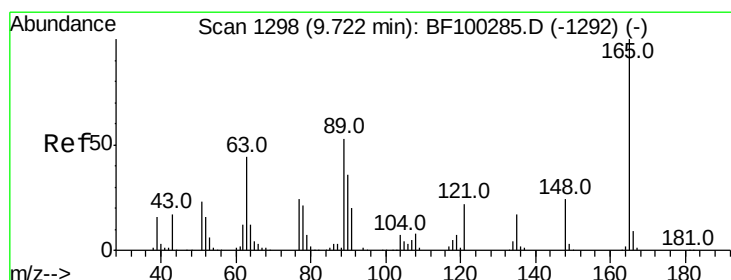
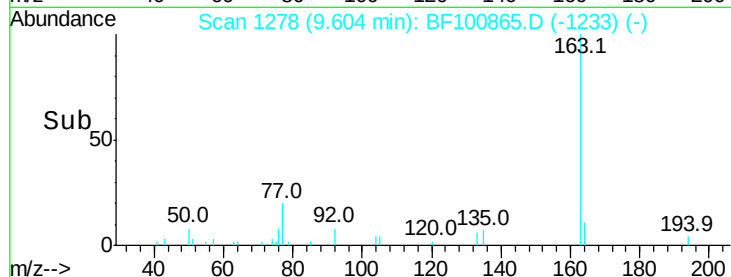
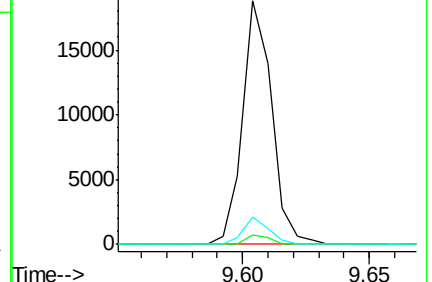
164 11.3 8.2 12.2



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: 8.489 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

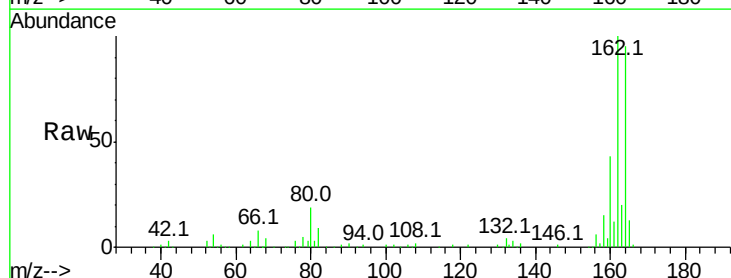
Tgt Ion:165 Resp: 15229

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

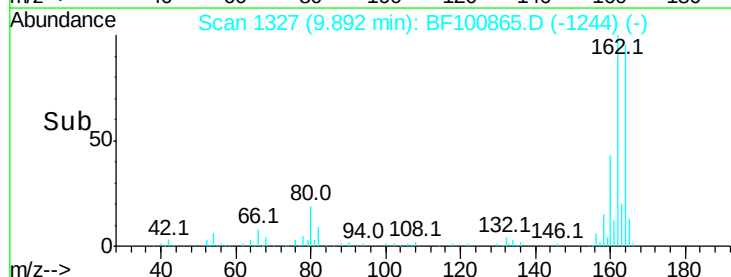
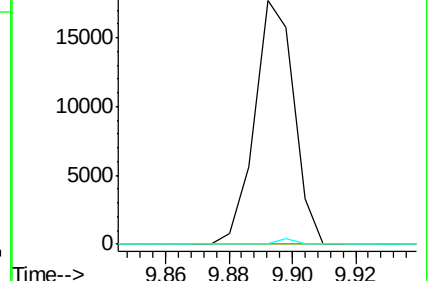
89 0.0 44.0 66.0#

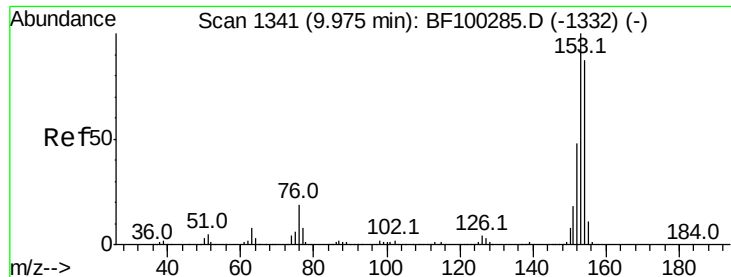


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.041 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

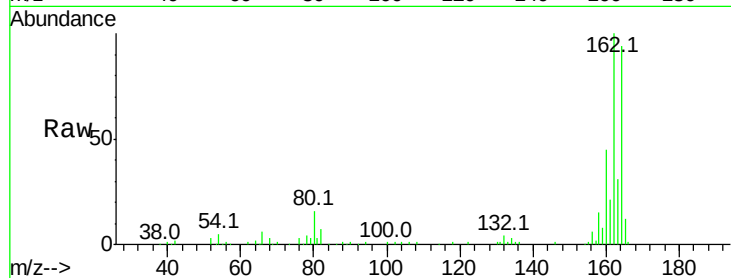
Tot Ion:154 Resp: 310

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

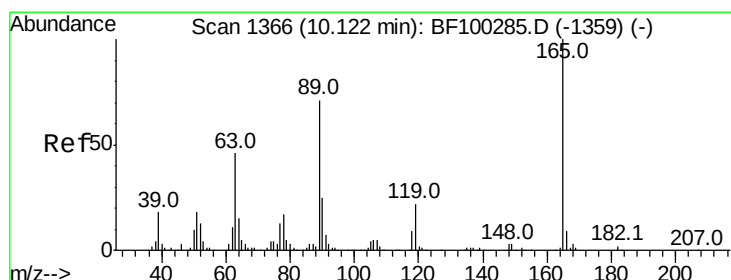
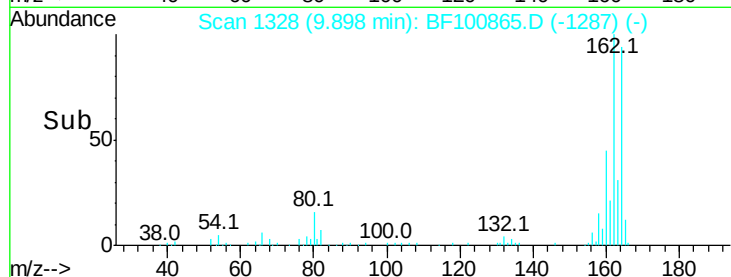
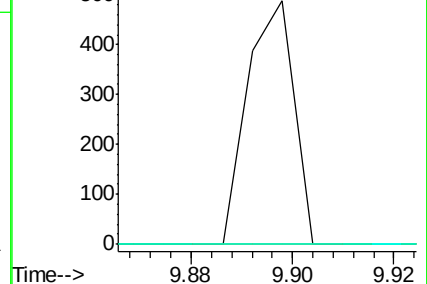
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.729 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.22 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Tgt Ion:165 Resp: 15229

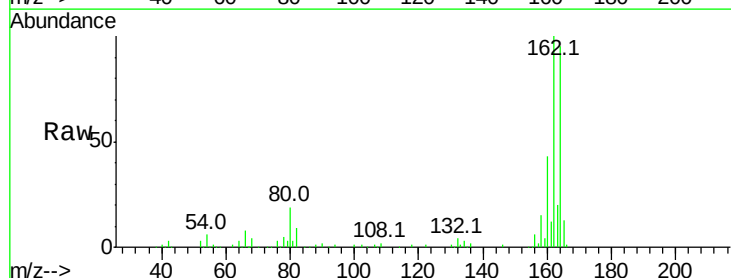
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

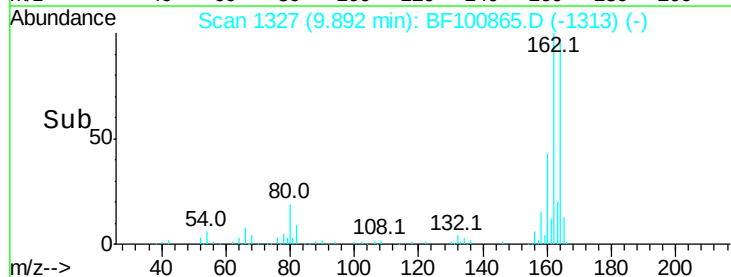
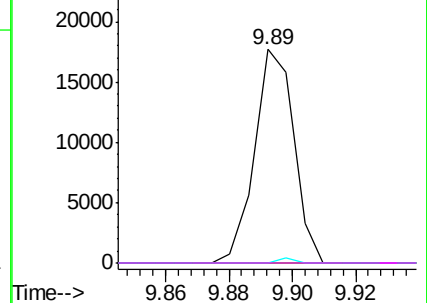


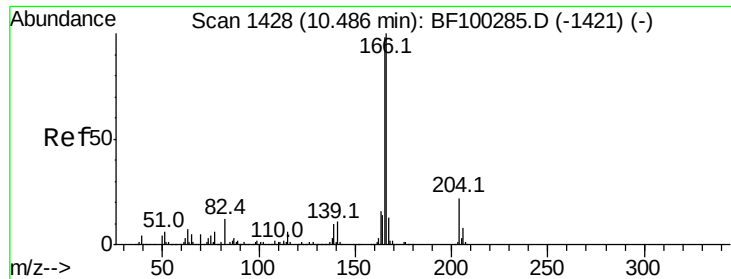
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

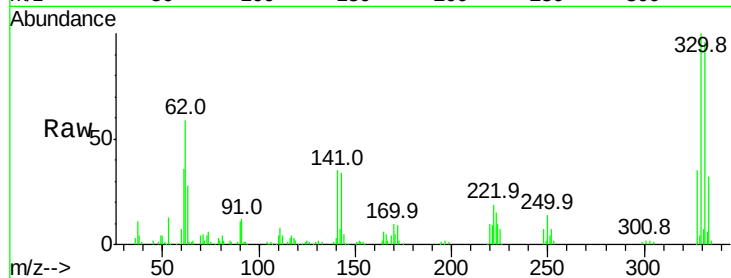




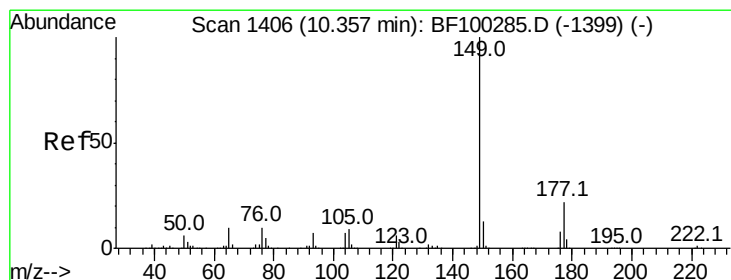
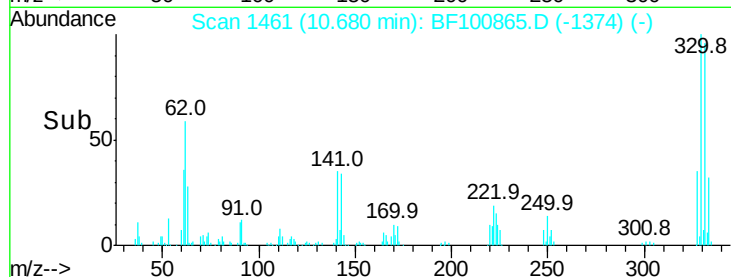
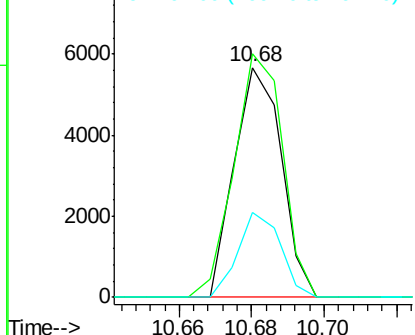
#57
Fluorene
Concen: 0.662 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.21 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 5106
Ion Ratio Lower Upper
166 100
165 105.8 79.8 119.8
167 36.9 10.6 16.0#

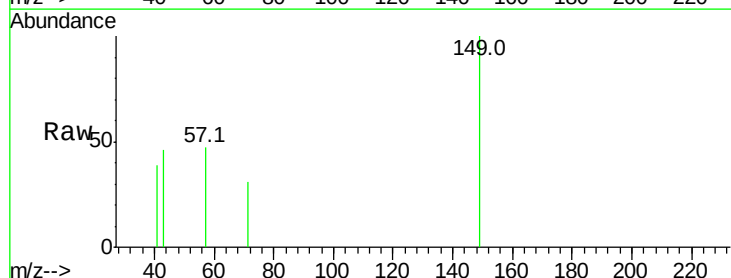


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

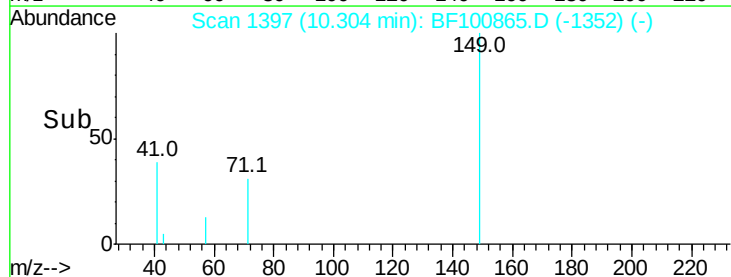
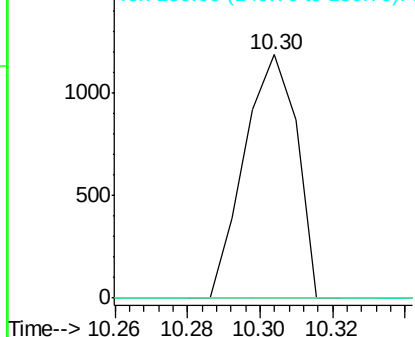


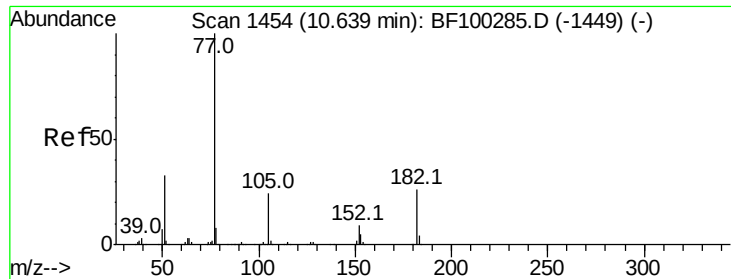
#59
Diethylphthalate
Concen: 0.131 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Tgt Ion:149 Resp: 1187
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



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





#62

Azobenzene

Concen: 0.037 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.06 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 320

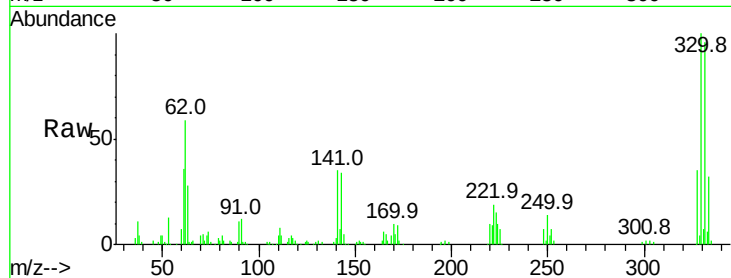
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 89.3 3.0 43.0#

51 129.4 9.9 49.9#

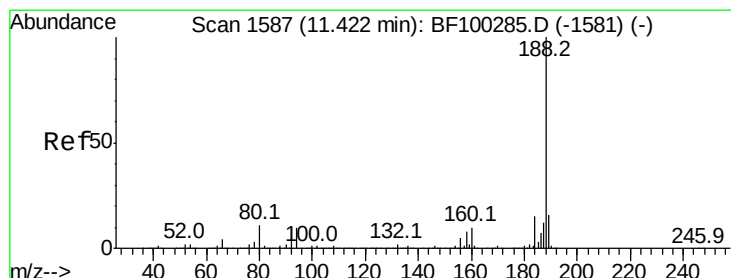
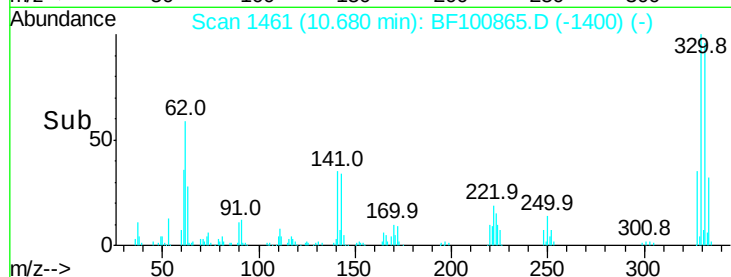
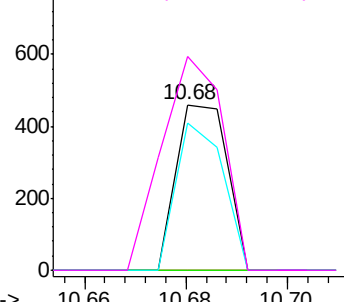


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

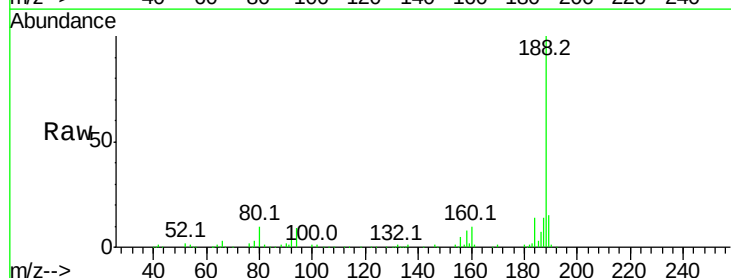
Tgt Ion: 188 Resp: 198419

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

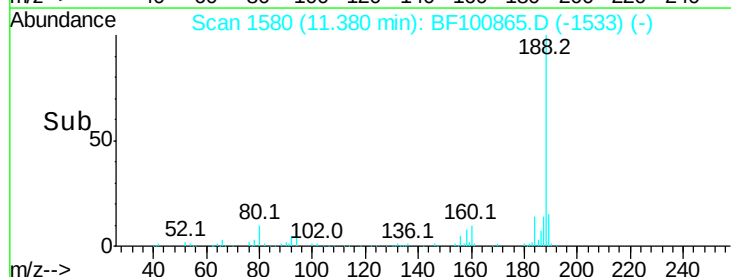
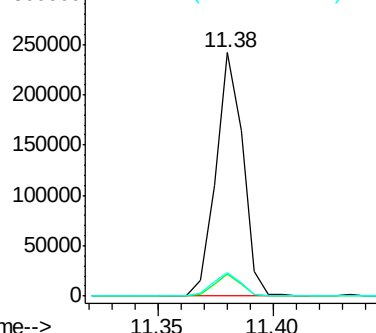
80 9.8 9.2 13.8

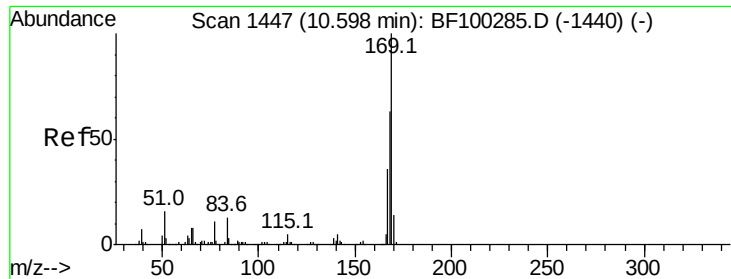


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

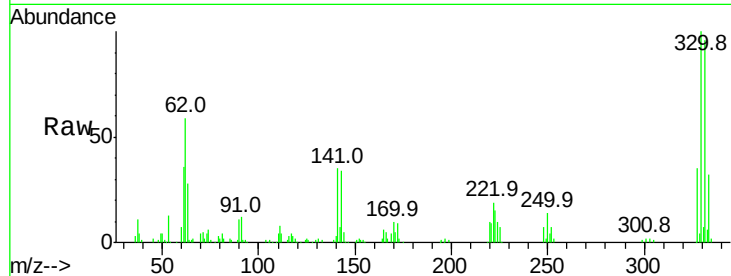




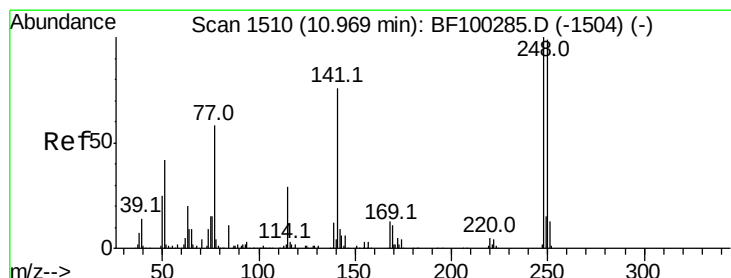
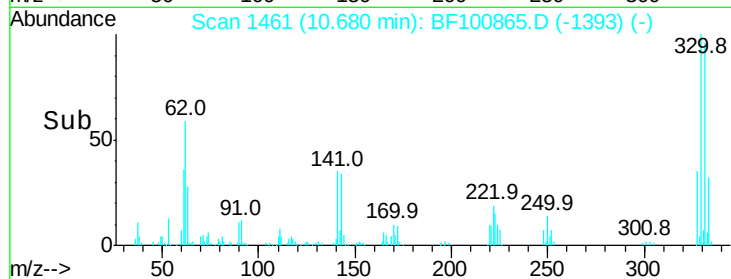
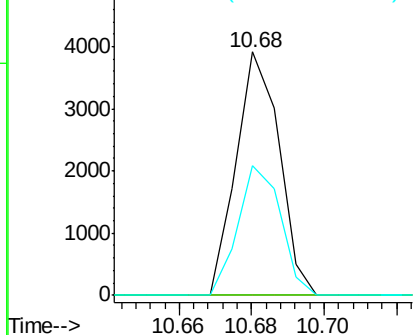
#65
 n-Nitrosodiphenylamine
 Concen: 0.468 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.10 min
 Lab File: BF100865.D
 Acq: 23 Nov 2017 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 3226
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.4 81.6#
 167 53.5 29.8 44.6#

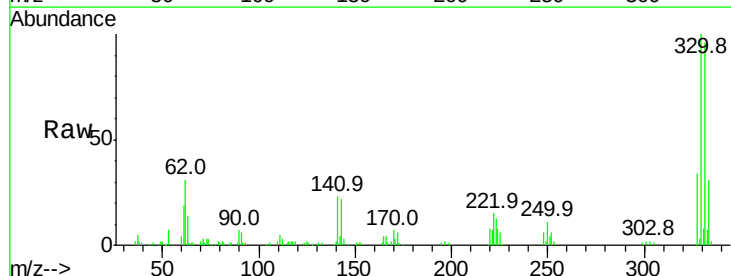


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

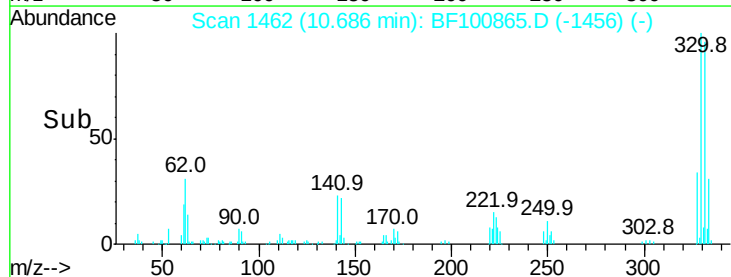
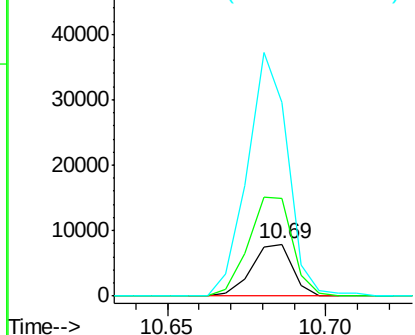


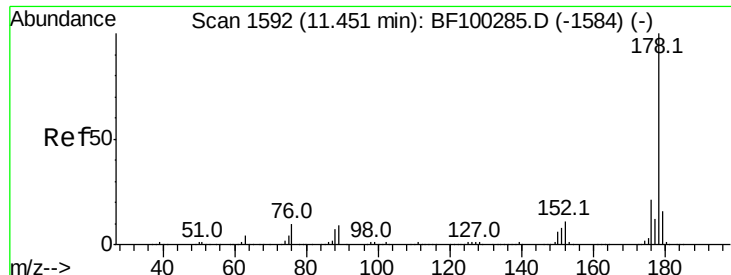
#66
 4-Bromophenyl-phenylether
 Concen: 3.338 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100865.D
 Acq: 23 Nov 2017 10:40

Tgt Ion:248 Resp: 7099
 Ion Ratio Lower Upper
 248 100
 250 188.0 76.9 115.3#
 141 371.8 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: 0.013 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

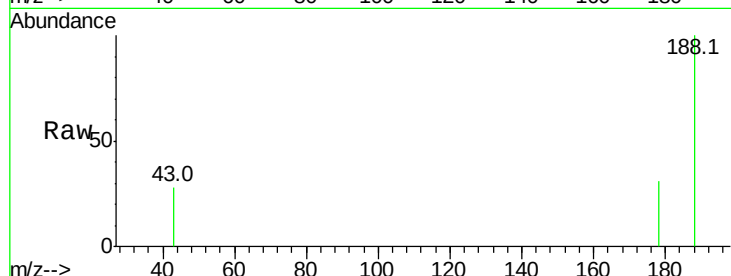
Tot Ion:178 Resp: 136

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

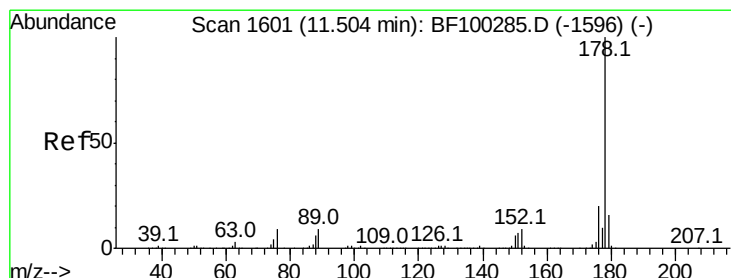
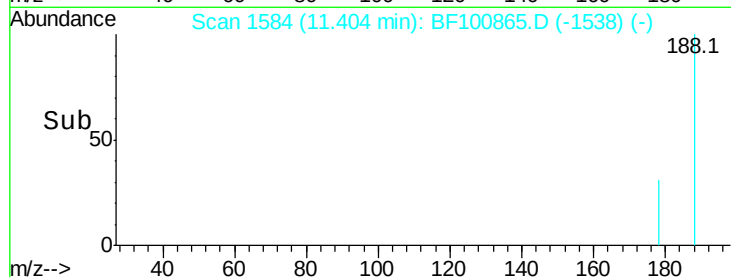
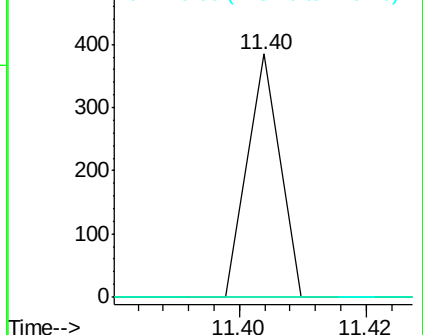
179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.013 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.08 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

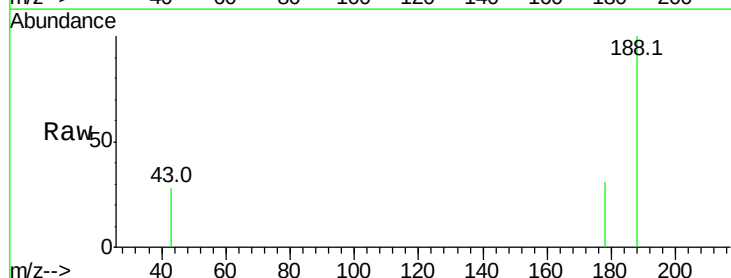
Tgt Ion:178 Resp: 136

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

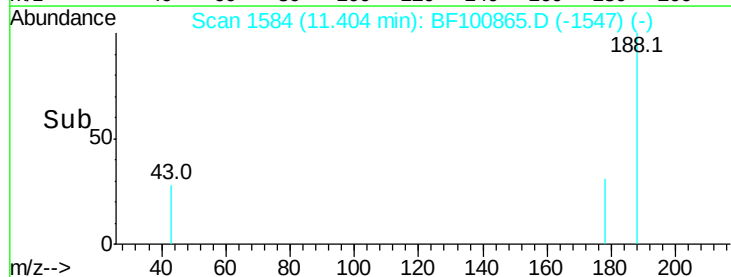
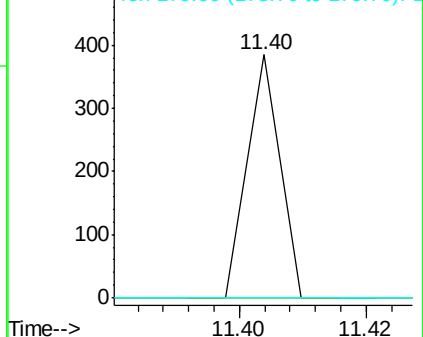
179 0.0 12.6 19.0#

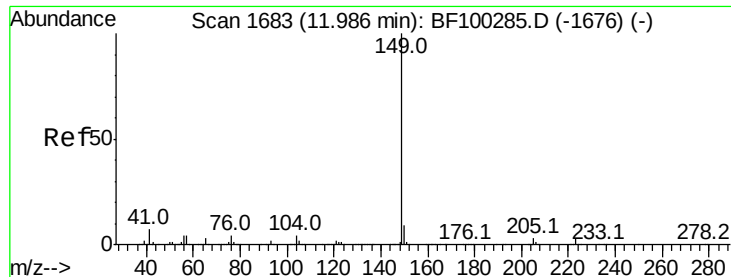


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.114 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

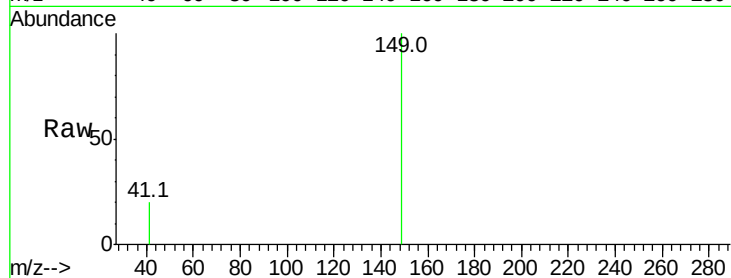
Tot Ion:149 Resp: 1306

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

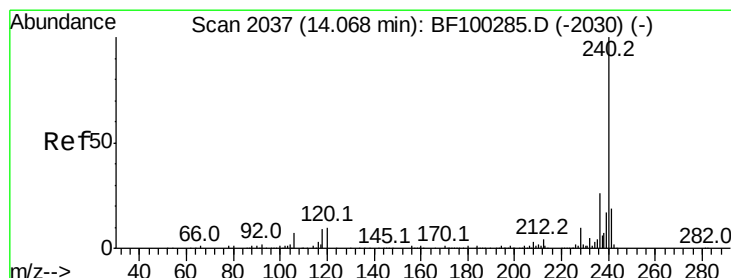
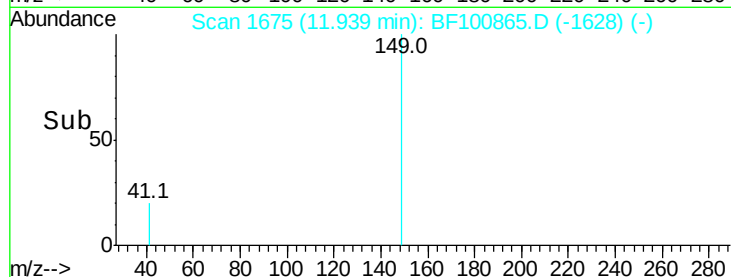
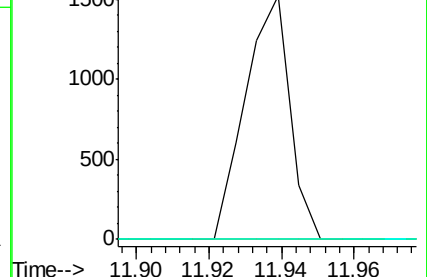
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

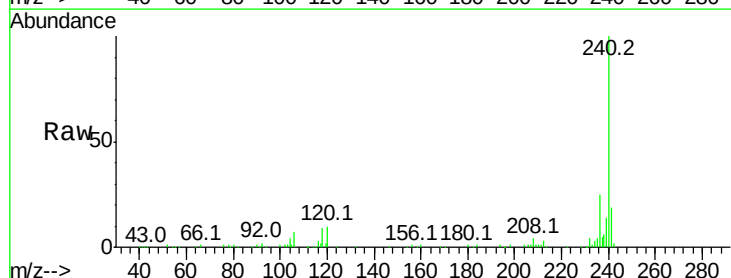
Tgt Ion:240 Resp: 130801

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

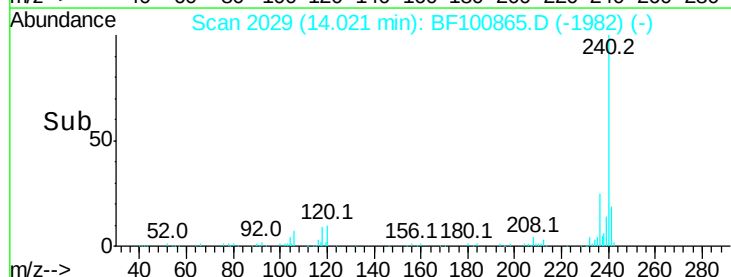
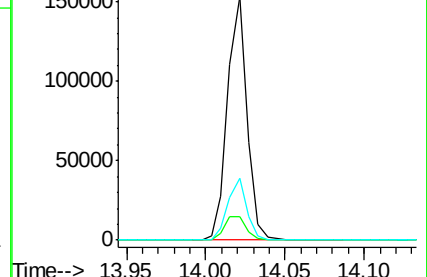
236 25.3 20.7 31.1

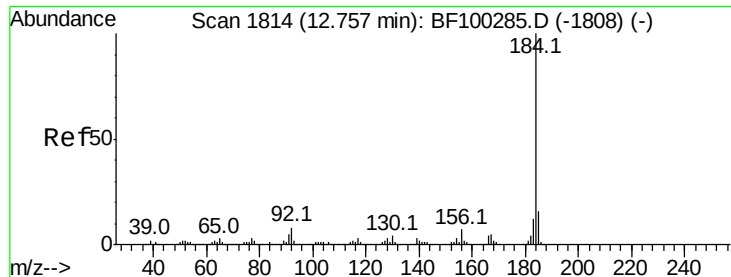


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

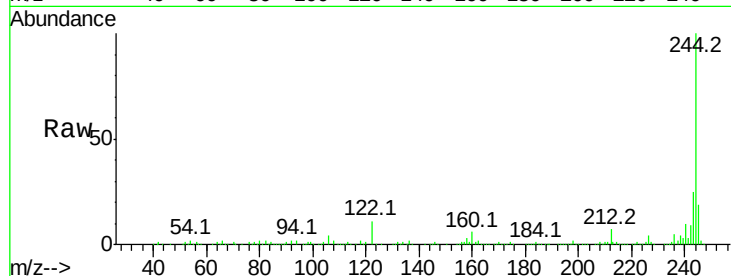




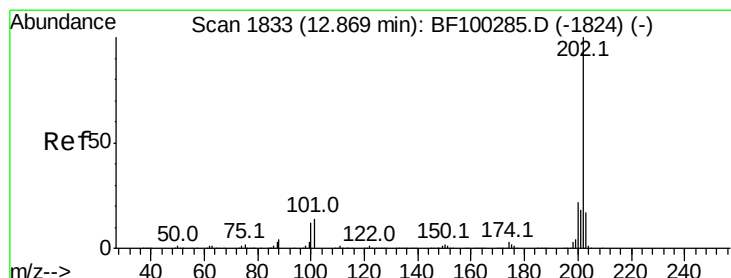
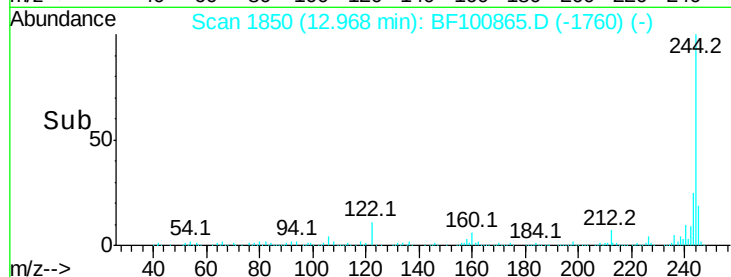
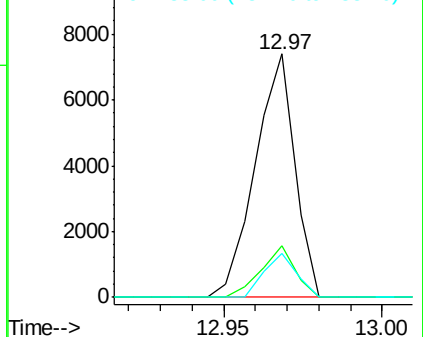
#76
Benzidine
Concen: 1.226 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.23 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 6420
Ion Ratio Lower Upper
184 100
185 21.1 12.6 18.8#
183 17.8 9.3 13.9#

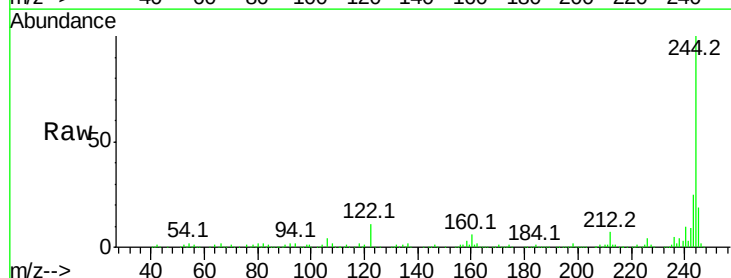


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

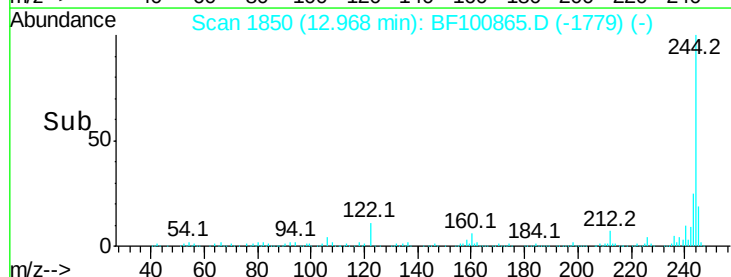
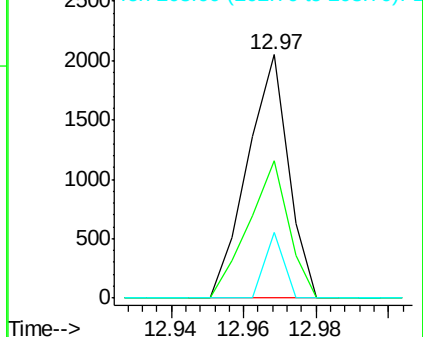


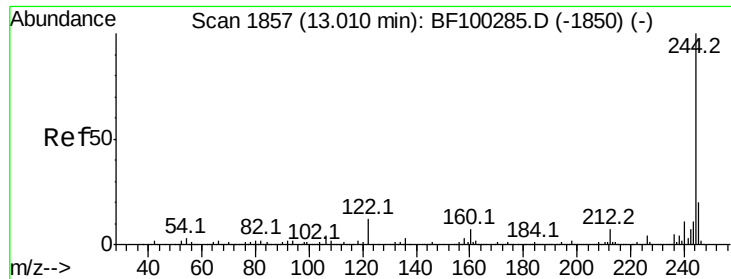
#77
Pyrene
Concen: 0.173 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.12 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Tgt Ion:202 Resp: 1610
Ion Ratio Lower Upper
202 100
200 56.6 17.4 26.2#
203 26.9 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: 99.271 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

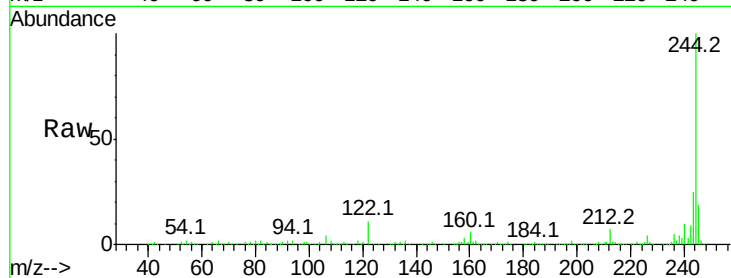
Tot Ion:244 Resp: 565116

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

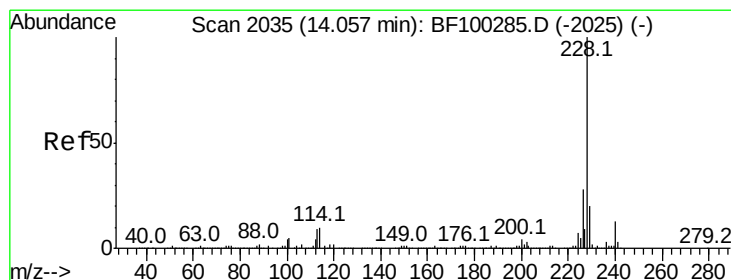
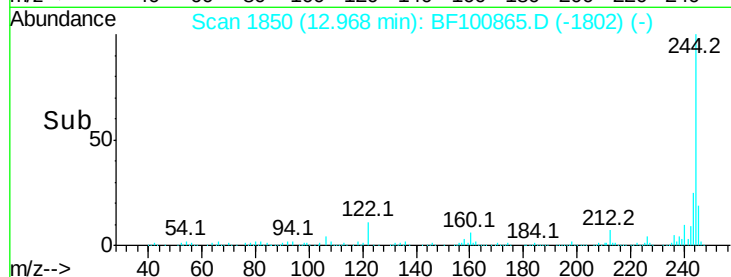
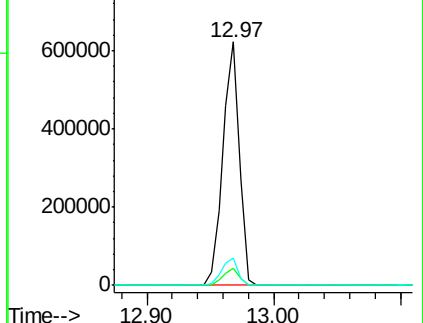
122 11.1 11.0 16.4



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: 0.053 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

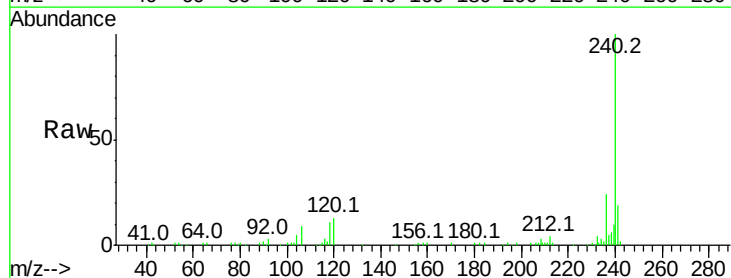
Tgt Ion:228 Resp: 417

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

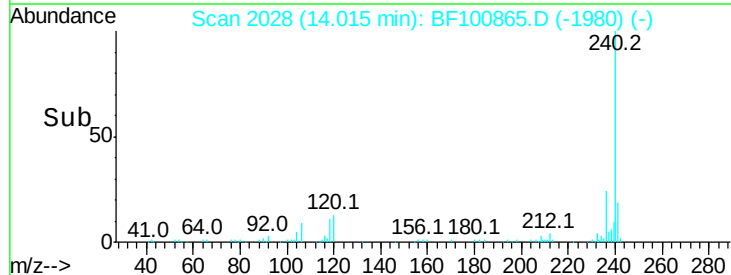
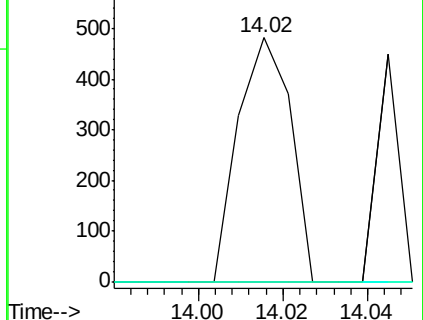
229 0.0 15.8 23.6#

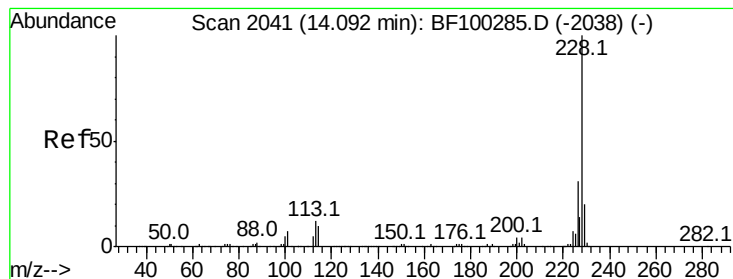


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.021 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

Instrument :

BNA_F

ClientSampleId :

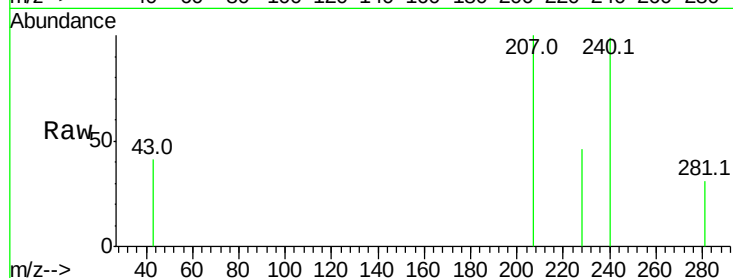
Tot Ion:228 Resp: 159

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

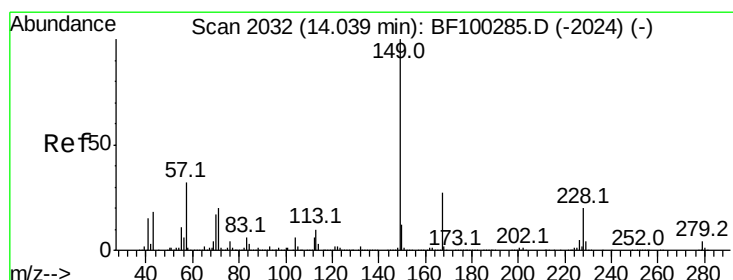
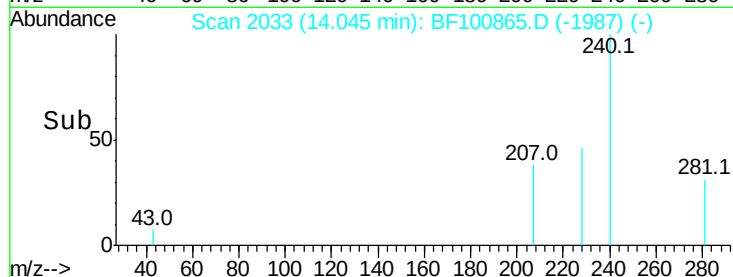
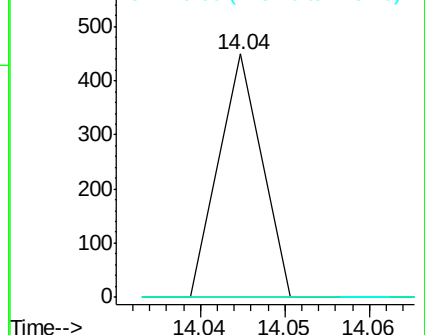
229 0.0 16.2 24.4#



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: 0.131 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100865.D

Acq: 23 Nov 2017 10:40

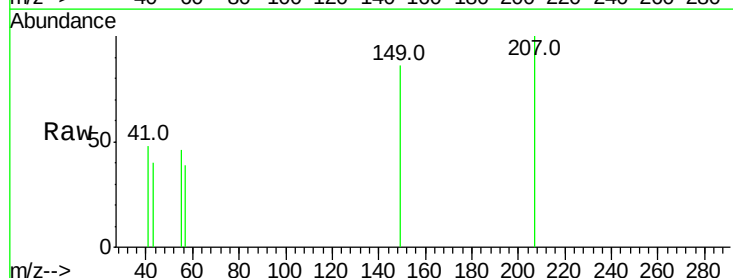
Tgt Ion:149 Resp: 656

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

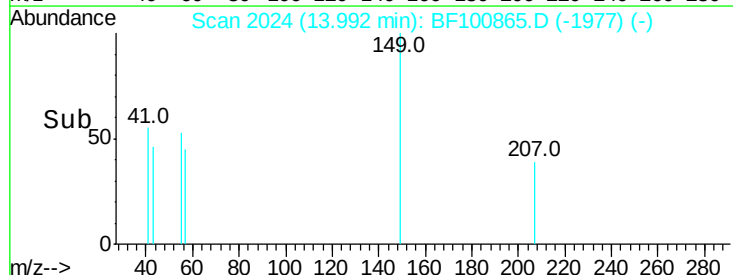
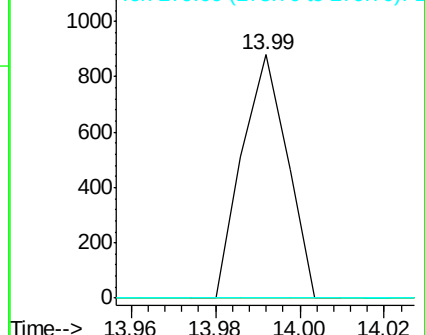
279 0.0 3.0 4.4#

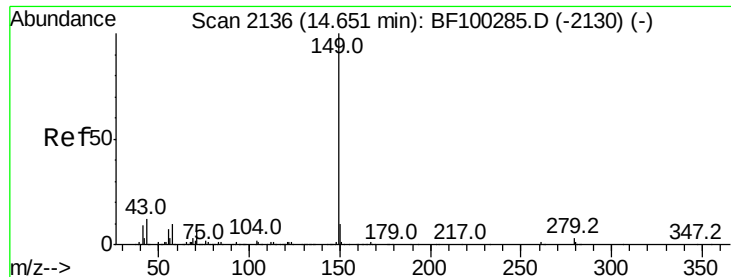


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

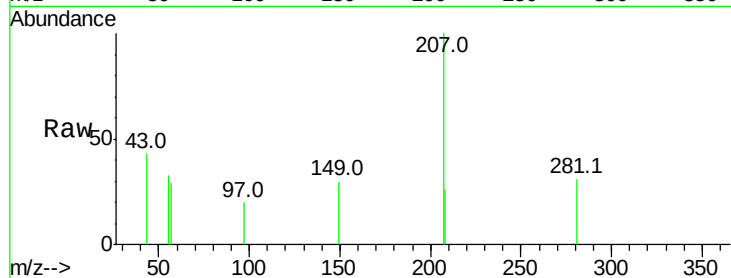




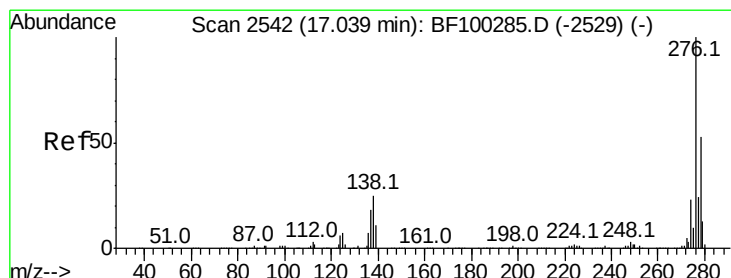
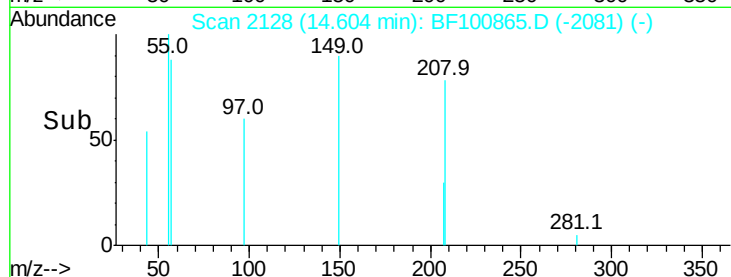
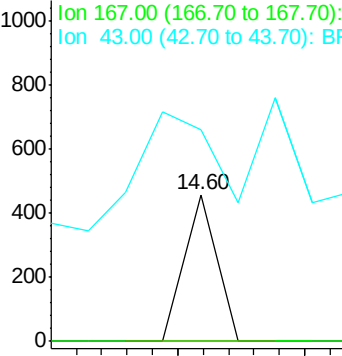
#84
Di-n-octyl phthalate
Concen: 0.019 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	195.1	8.4	12.6#

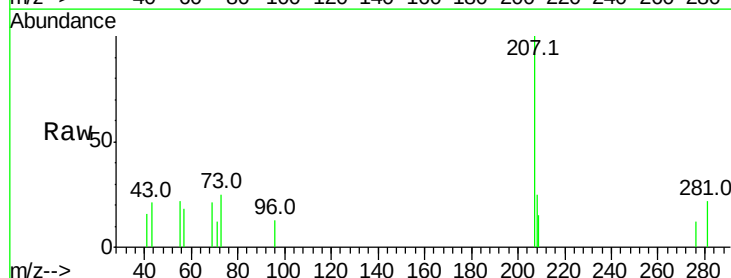


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

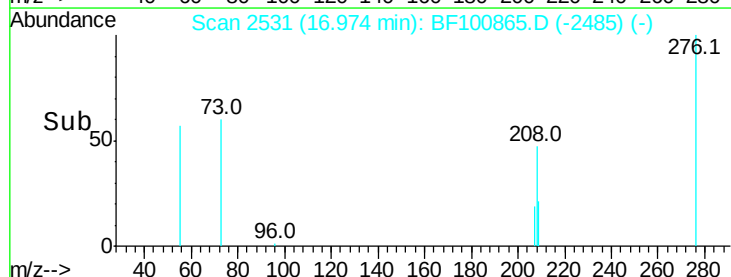
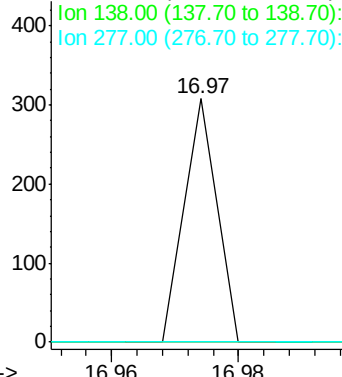


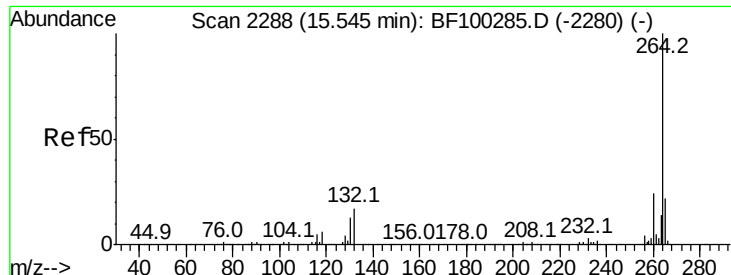
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.018 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Tgt 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



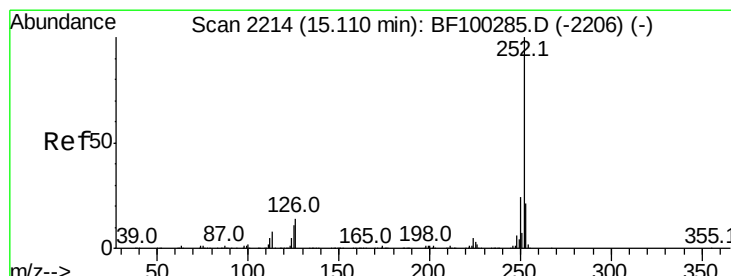
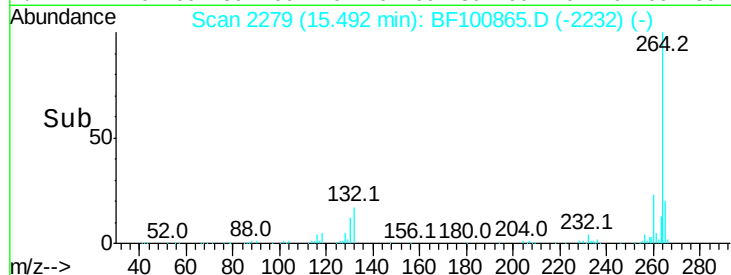
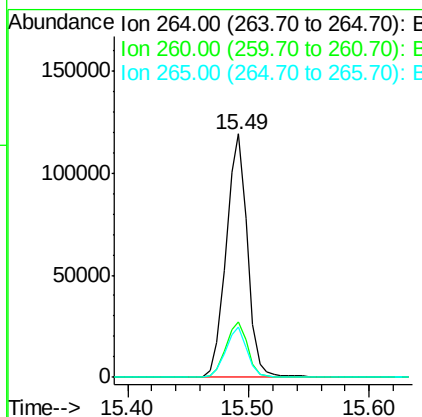
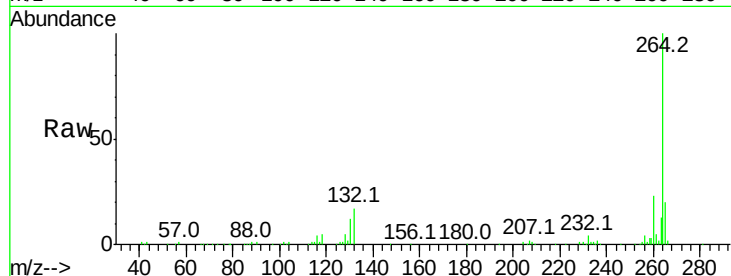


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 145522

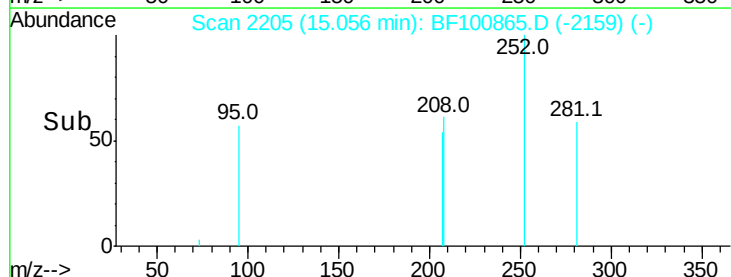
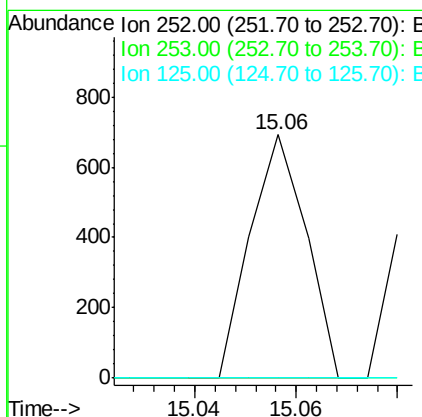
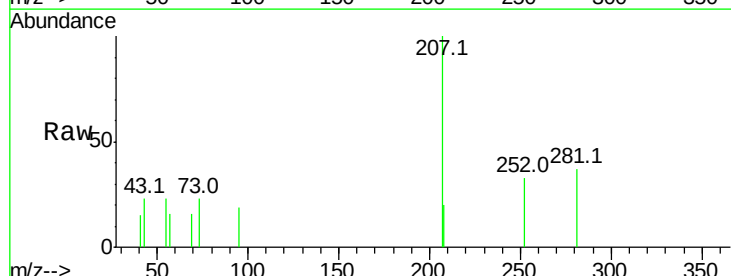
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.5	17.5	26.3

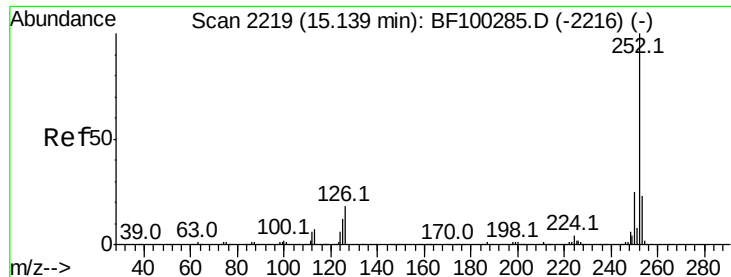


#87
Benzo(b)fluoranthene
Concen: 0.061 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Tgt Ion:252 Resp: 527

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.6#
125	0.0	9.0	13.6#

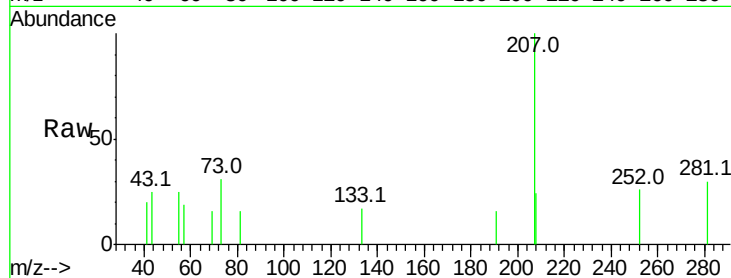




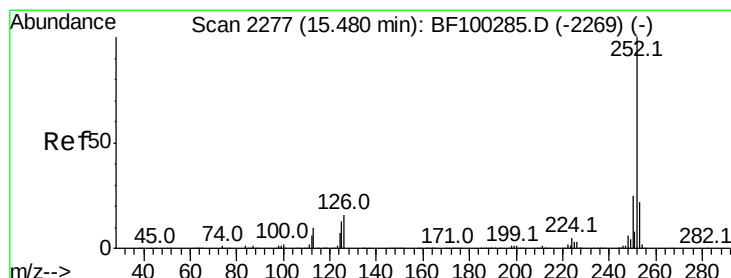
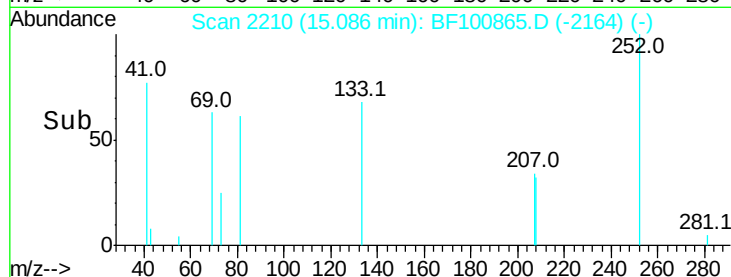
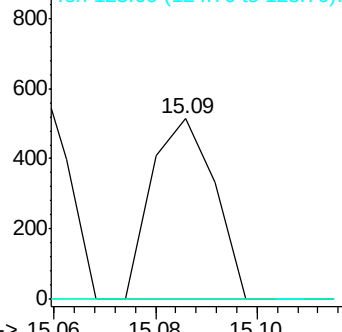
#88
Benzo(k)fluoranthene
Concen: 0.054 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 442
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#

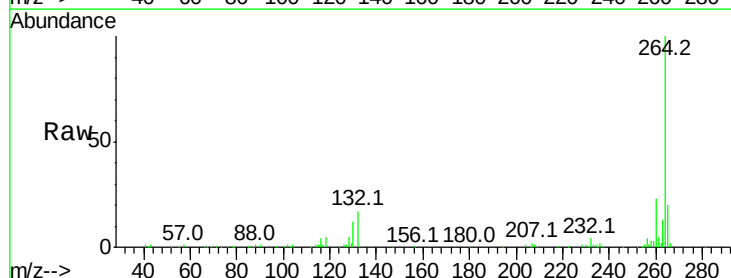


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.038 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF100865.D
Acq: 23 Nov 2017 10:40

Tgt Ion:252 Resp: 287
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

