

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100971.D
 Acq On : 29 Nov 2017 8:53
 Operator : SJ/JU
 Sample : I6608-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

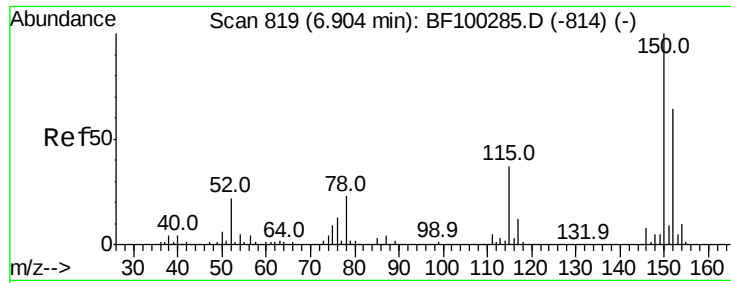
Quant Time: Nov 29 09:46:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	57584	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	205723	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	90860	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	143014	20.00	ng	0.02
75) Chrysene-d12	14.02	240	125351	20.00	ng	0.00
86) Perylene-d12	15.49	264	118122	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	426292	118.67	ng	0.00
7) Phenol-d6	6.49	99	511911	115.56	ng	0.00
23) Nitrobenzene-d5	7.43	82	303481	97.53	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	101660	109.80	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	545572	91.43	ng	0.00
78) Terphenyl-d14	12.97	244	406857	74.58	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.63	77	9797	3.097	ng	87
10) Phenol	6.50	94	18236	3.921	ng	97
15) Benzyl Alcohol	7.02	79	7275	2.104	ng	# 36
18) Hexachloroethane	7.39	117	10040	6.867	ng	# 1
22) Acetophenone	7.25	105	28139	5.609	ng	# 58
26) 2-Nitrophenol	7.76	139	1911	6.509	ng	# 1
31) Naphthalene	8.17	128	293271	29.597	ng	98
32) Benzoic acid	7.93	122	1230	9.812	ng	# 22
35) Caprolactam	8.60	113	3044	3.170	ng	# 1
37) 2-Methylnaphthalene	8.87	142	738047	112.192	ng	98
45) 1,1'-Biphenyl	9.33	154	56149	7.145	ng	96
47) 2-Nitroaniline	9.42	65	3316	4.638	ng	# 43
48) Acenaphthylene	9.77	152	20539	2.174	ng	# 1
49) Dimethylphthalate	9.62	163	53646	7.733	ng	# 81
51) Acenaphthene	9.94	154	34356	5.979	ng	# 74
52) 3-Nitroaniline	9.86	138	3772	2.326	ng	# 34
53) 2,4-Dinitrophenol	9.97	184	273	8.444	ng	# 1
54) Dibenzofuran	10.11	168	24167	3.001	ng	# 1
55) 4-Nitrophenol	10.01	139	27791	21.107	ng	# 61
56) 2,4-Dinitrotoluene	10.11	165	19614	11.322	ng	# 48
57) Fluorene	10.46	166	72663	12.316	ng	# 94
64) 4,6-Dinitro-2-methylphenol	10.52	198	1352	10.108	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	115277	23.182	ng	# 43
70) Phenanthrene	11.42	178	257803	34.237	ng	98
71) Anthracene	11.42	178	257803	33.746	ng	98
74) Fluoranthene	12.83	202	31132	3.901	ng	93
77) Pyrene	12.83	202	31939	3.574	ng	# 95

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

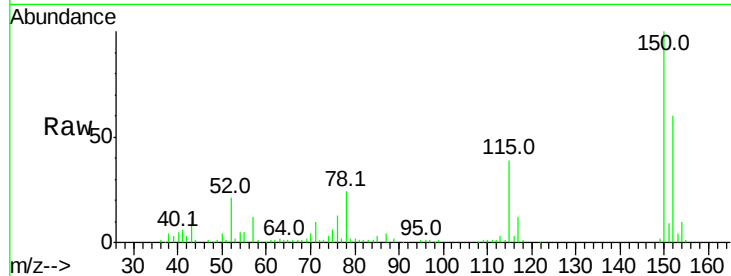


#1

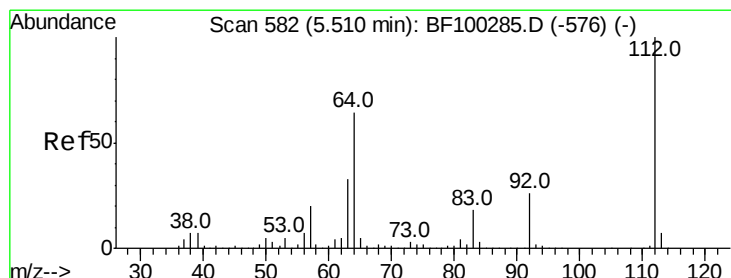
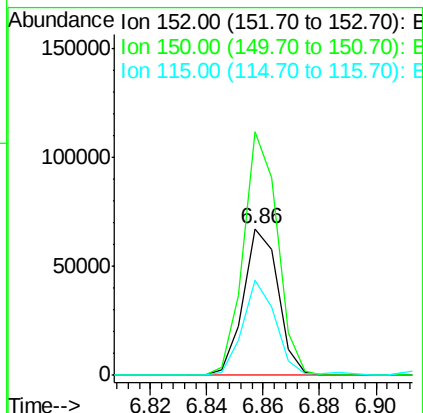
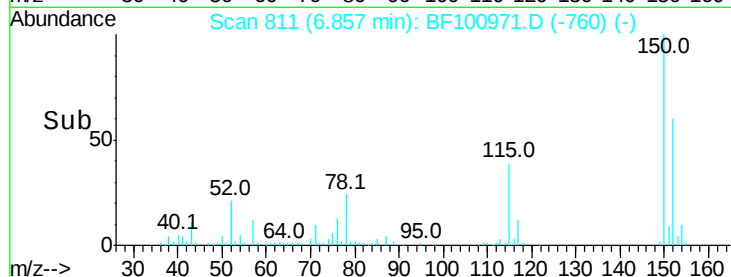
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.1	124.6	186.8
115	64.5	50.1	75.1



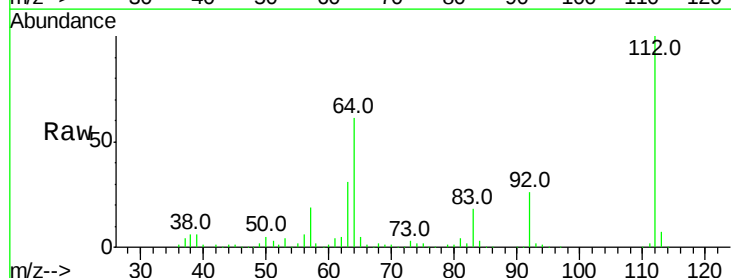
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



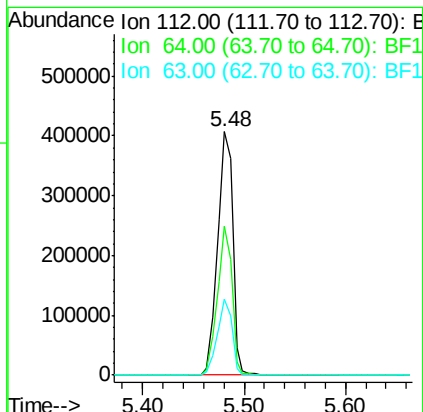
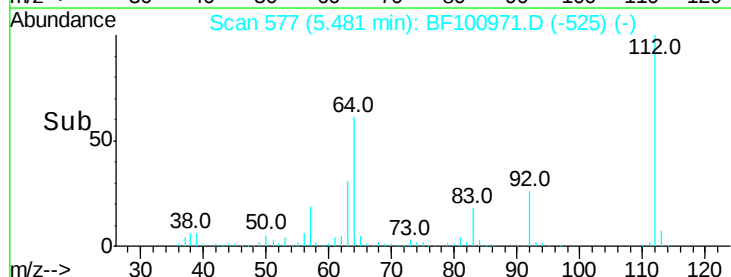
#5

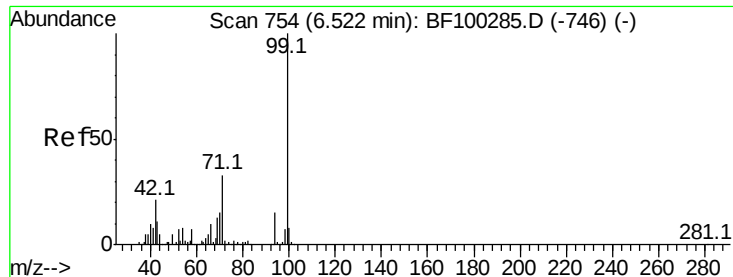
2-Fluorophenol
Concen: 118.669 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.3	23.7	35.5



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





#7

Phenol-d6

Concen: 115.562 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampleId :

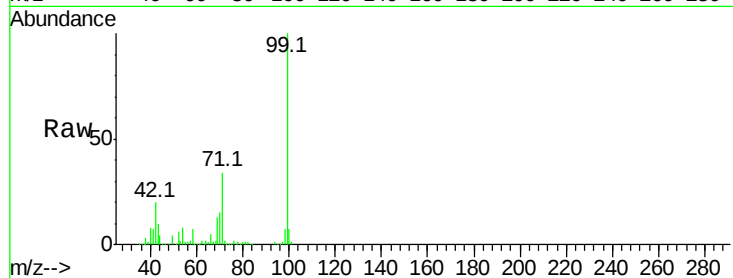
Tot Ion: 99 Resp: 511911

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

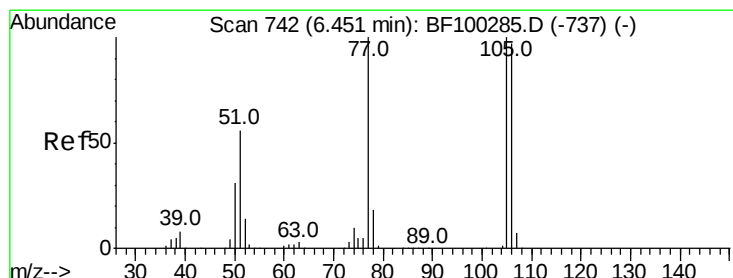
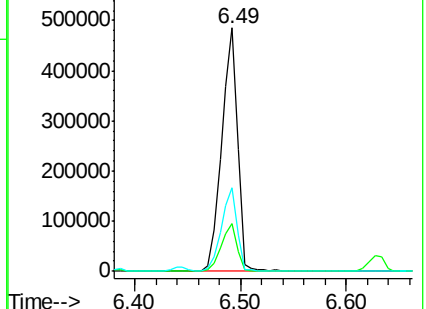
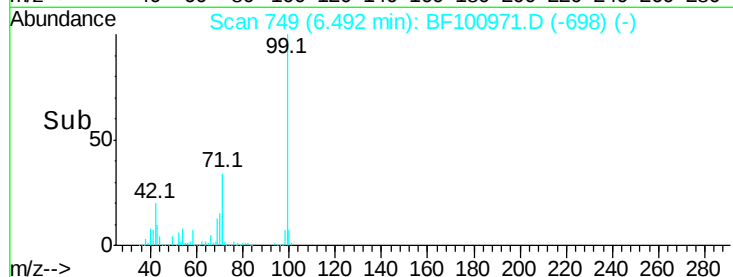
71 34.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.097 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.22 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

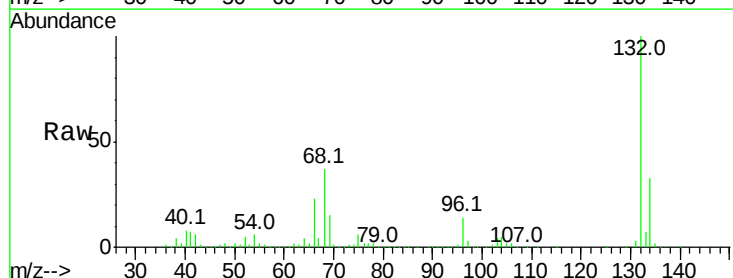
Tgt Ion: 77 Resp: 9797

Ion Ratio Lower Upper

77 100

105 86.8 81.1 121.1

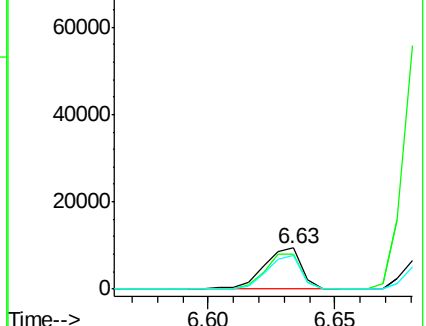
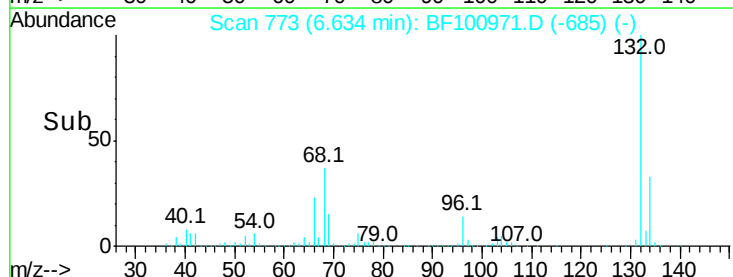
106 83.5 74.5 114.5

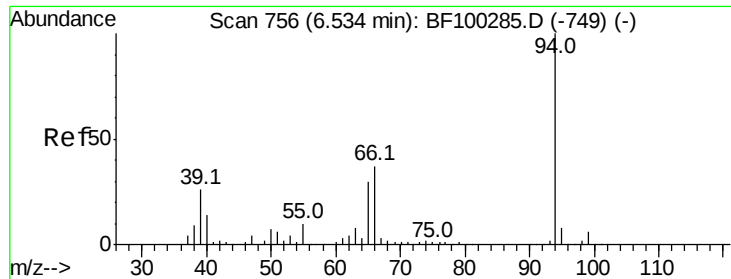


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.921 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampleId :

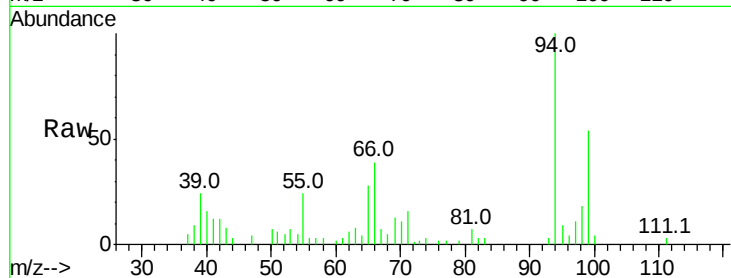
Tot Ion: 94 Resp: 18236

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

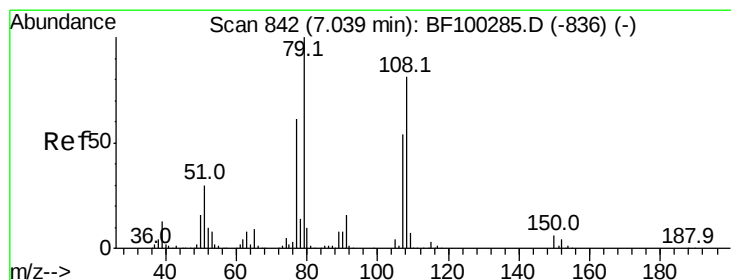
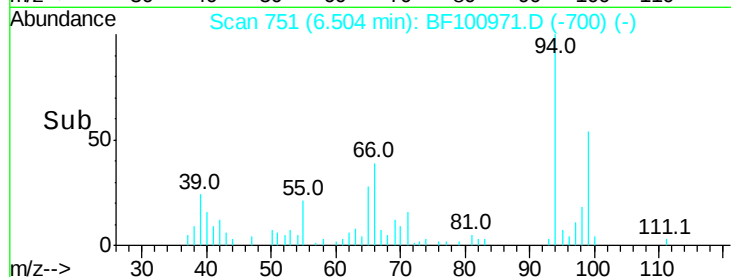
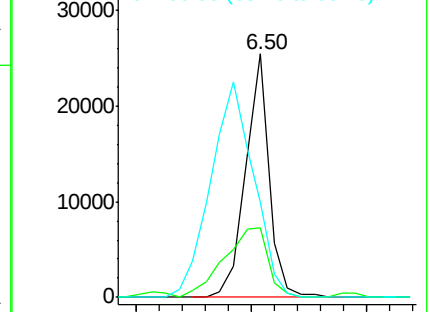
66 39.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 2.104 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

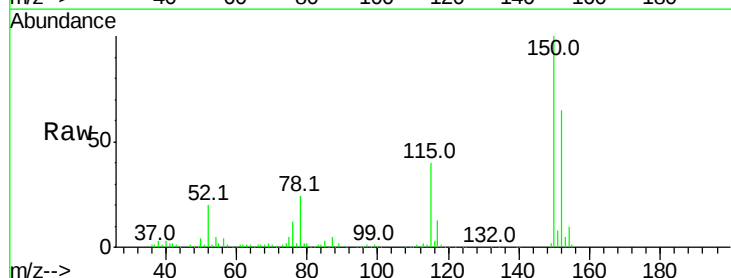
Tgt Ion: 79 Resp: 7275

Ion Ratio Lower Upper

79 100

108 24.2 65.1 97.7#

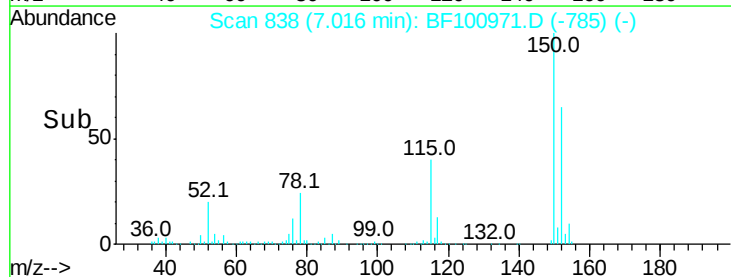
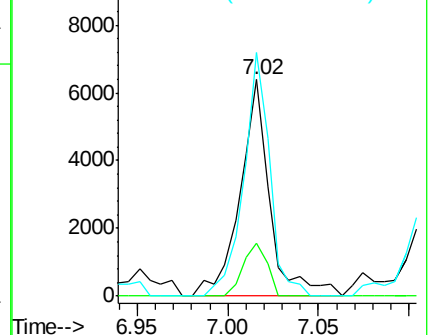
77 112.6 50.6 75.8#

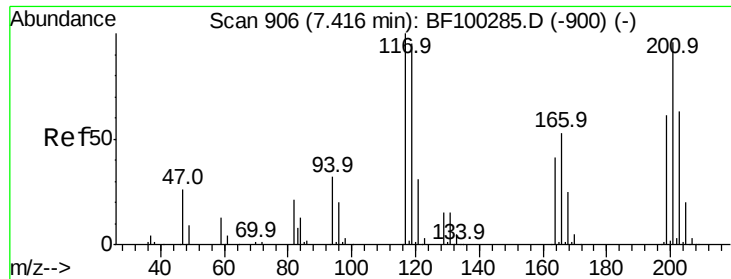


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

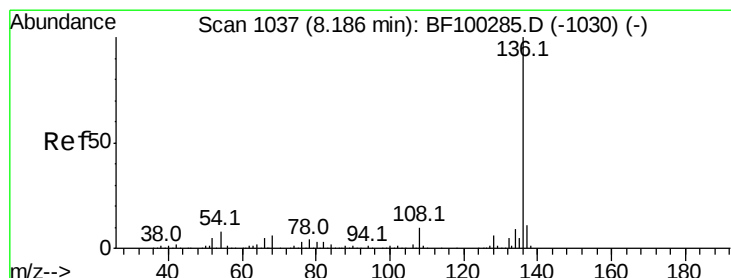
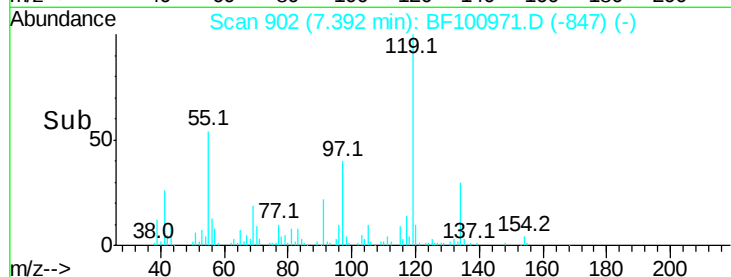
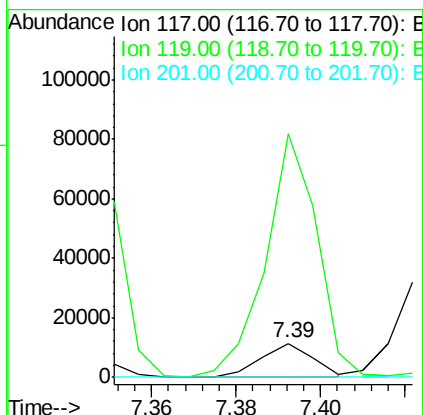
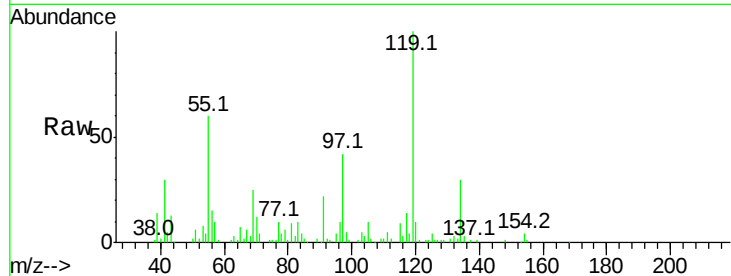




#18
Hexachloroethane
Concen: 6.867 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.02 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

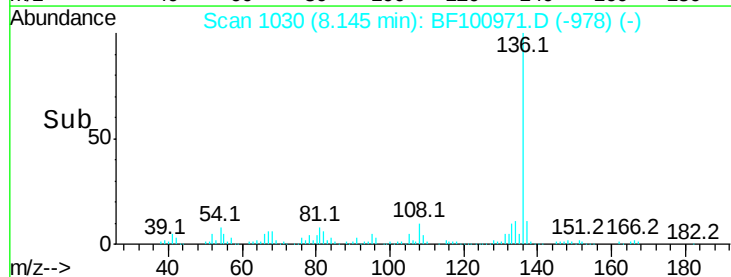
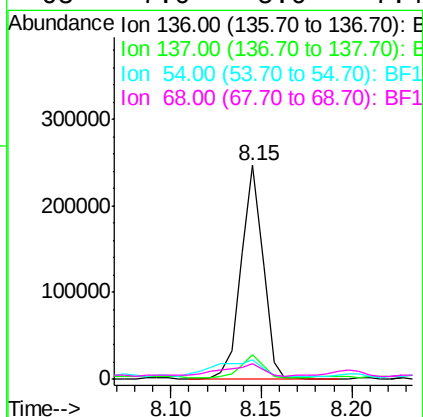
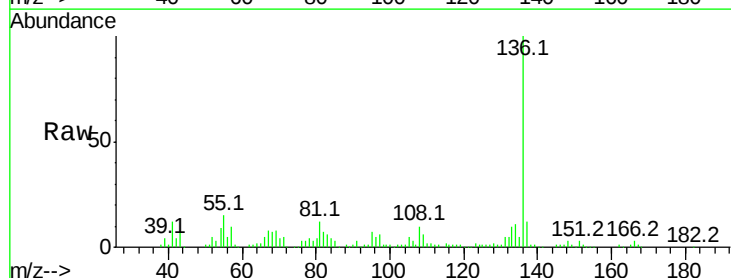
Instrument :
BNA_F
ClientSampled :

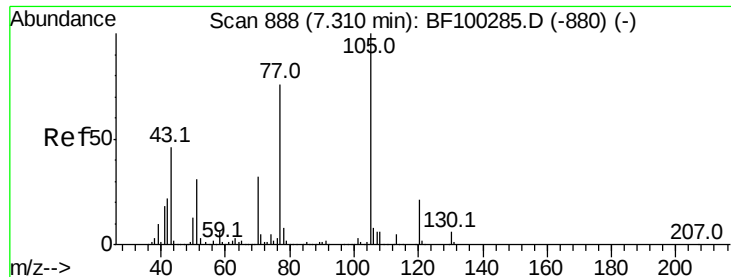
Tot Ion:117 Resp: 10040
Ion Ratio Lower Upper
117 100
119 713.1 75.8 113.8#
201 0.0 75.7 113.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion:136 Resp: 205723
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 9.2 6.6 9.8
68 7.0 5.0 7.4





#22

Acetophenone

Concen: 5.609 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 28139

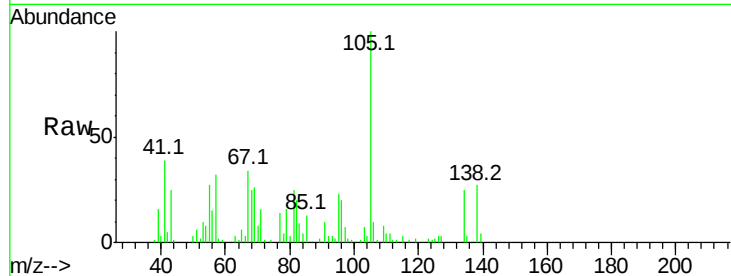
Ion Ratio Lower Upper

105 100

71 15.7 4.4 6.6#

51 5.6 22.3 33.5#

120 0.0 16.9 25.3#

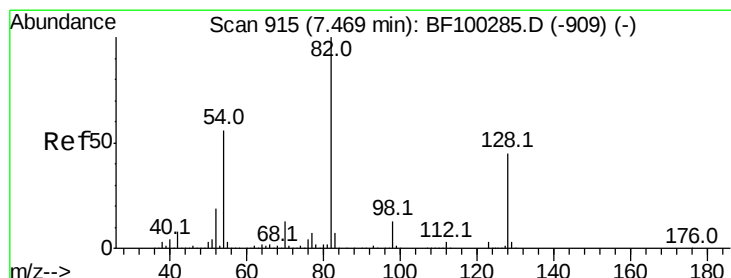
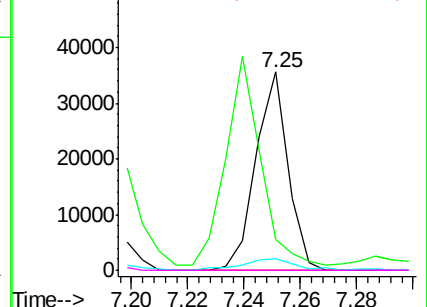
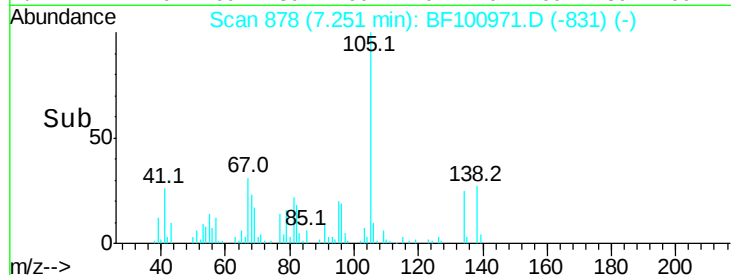


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 97.530 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

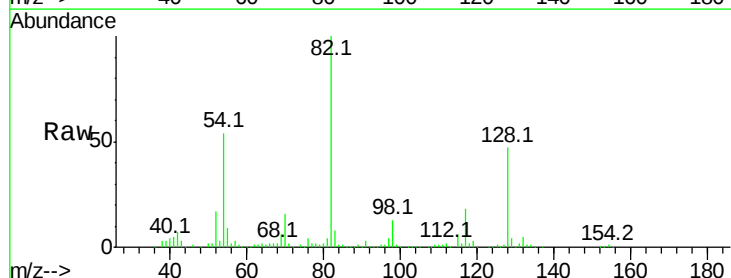
Tgt Ion: 82 Resp: 303481

Ion Ratio Lower Upper

82 100

128 47.0 36.1 54.1

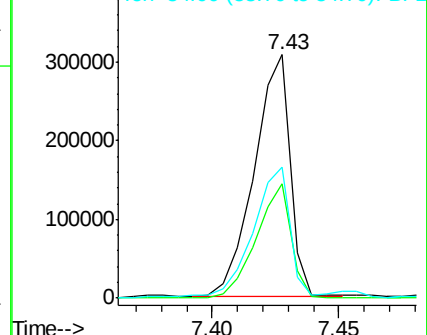
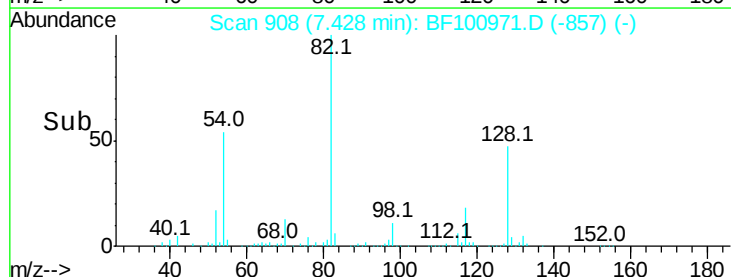
54 53.8 41.4 62.2

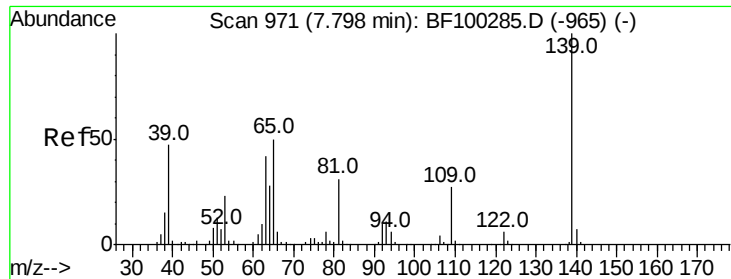


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

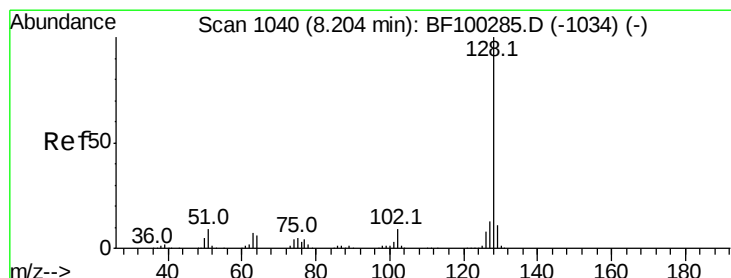
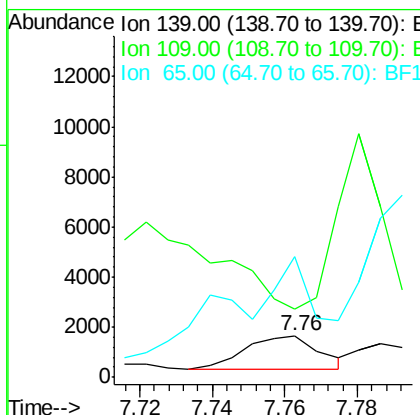
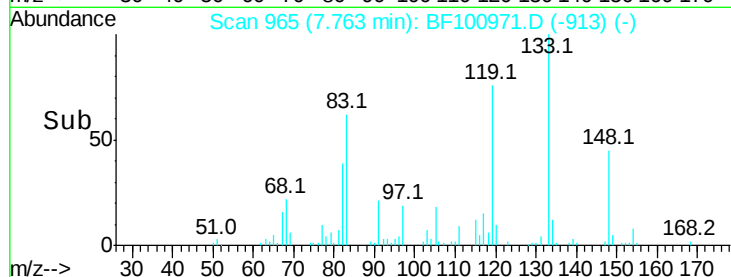
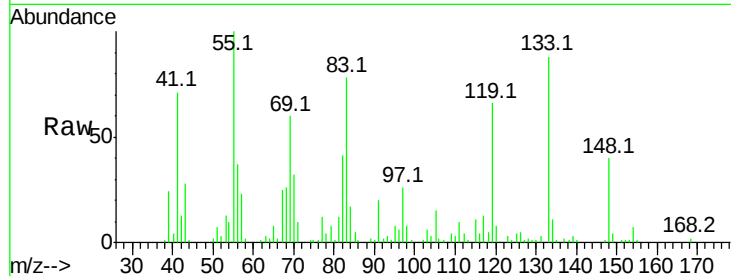




#26
2-Nitrophenol
Concen: 6.509 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

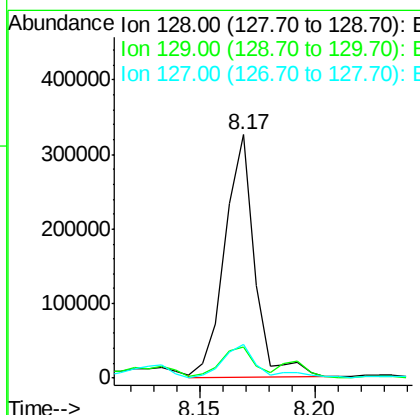
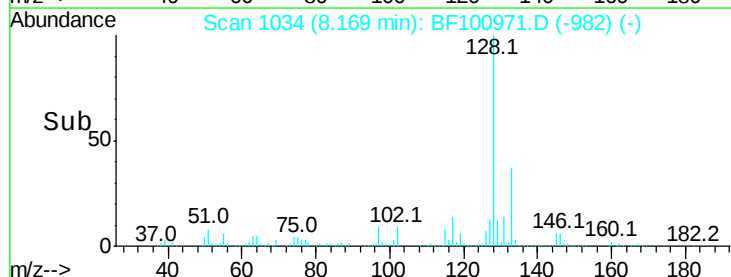
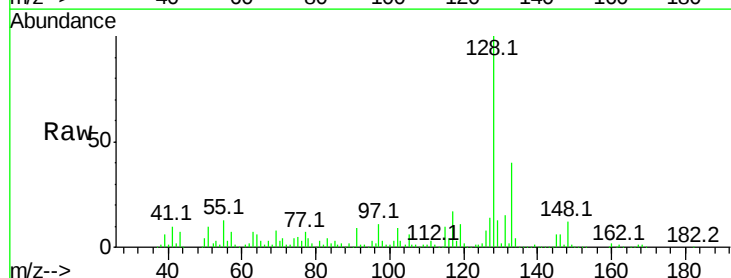
Instrument :
BNA_F
ClientSampled :

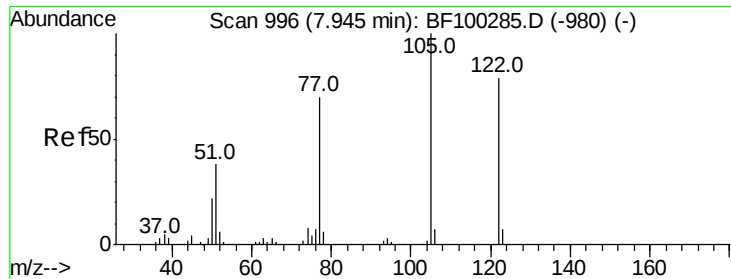
Tot Ion:139 Resp: 1911
Ion Ratio Lower Upper
139 100
109 163.6 22.7 34.1#
65 289.6 40.5 60.7#



#31
Naphthalene
Concen: 29.597 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion:128 Resp: 293271
Ion Ratio Lower Upper
128 100
129 12.6 8.8 13.2
127 14.0 10.9 16.3

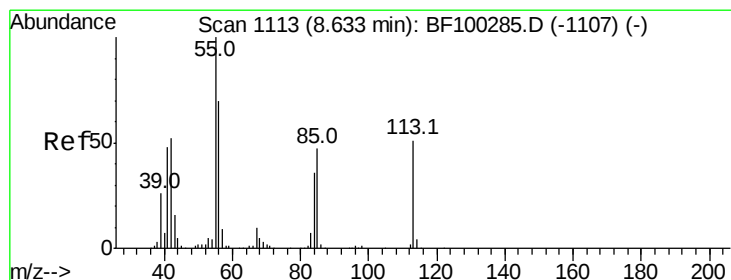
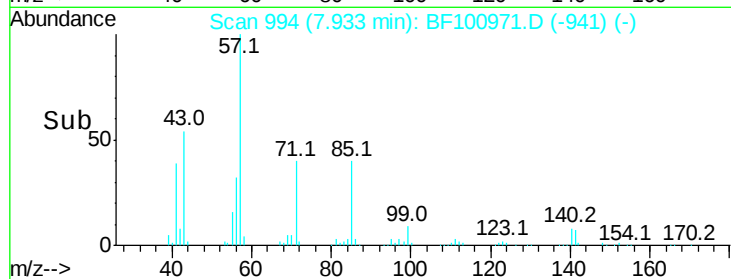
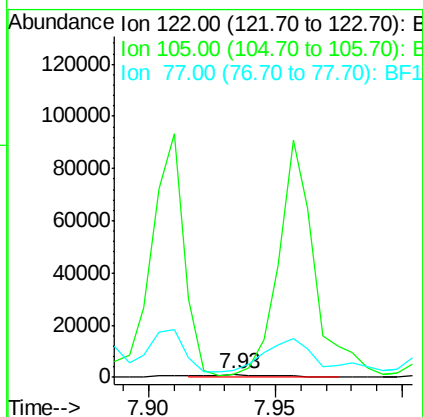
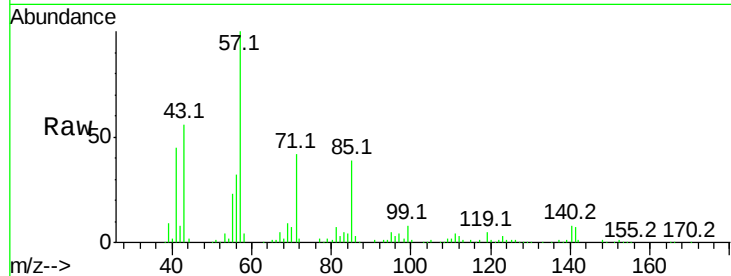




#32
Benzoic acid
Concen: 9.812 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

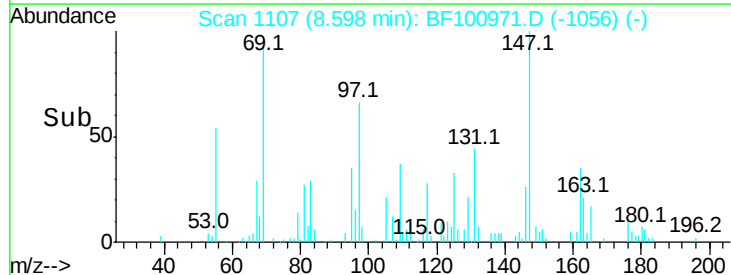
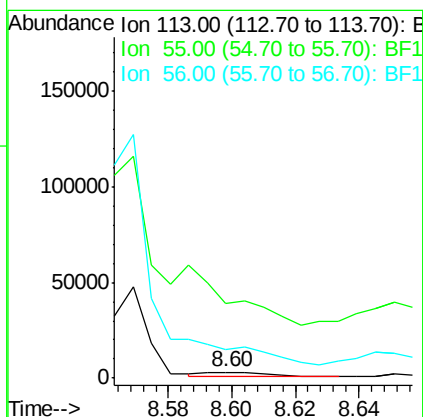
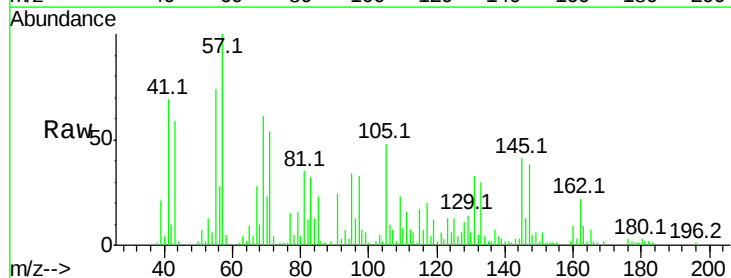
Instrument :
BNA_F
ClientSampleId :

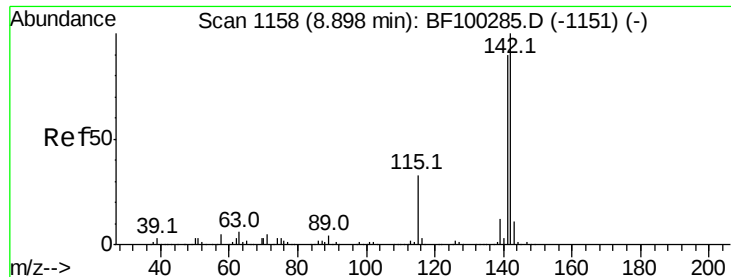
Tot Ion:122 Resp: 1230
Ion Ratio Lower Upper
122 100
105 84.5 101.1 141.1#
77 221.2 70.7 110.7#



#35
Caprolactam
Concen: 3.170 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion:113 Resp: 3044
Ion Ratio Lower Upper
113 100
55 1269.9 163.3 203.3#
56 487.6 115.7 155.7#





#37

2-Methylnaphthalene

Concen: 112.192 ng

RT: 8.87 min Scan# 1153

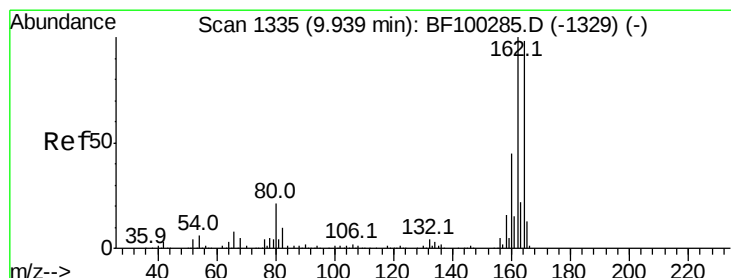
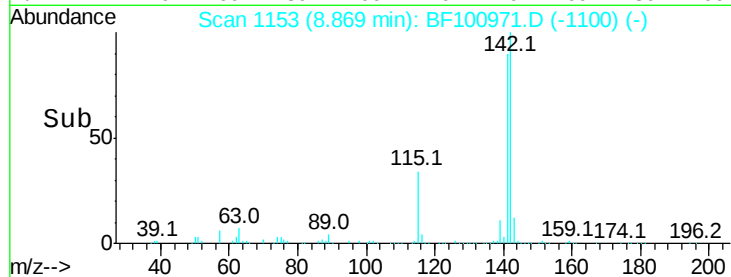
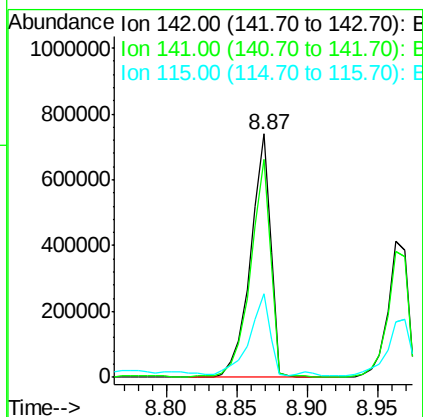
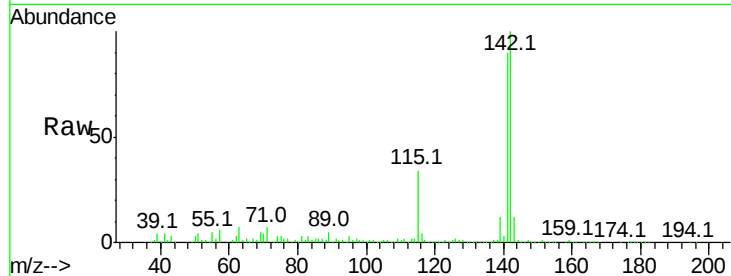
Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	34.4	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

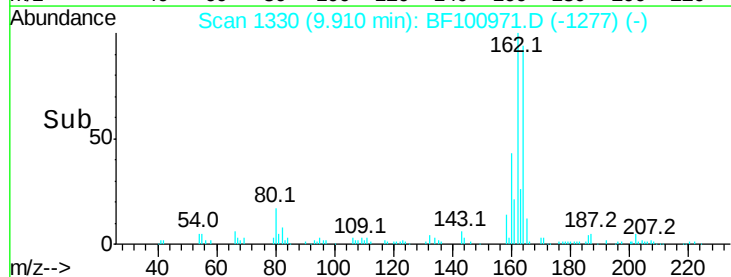
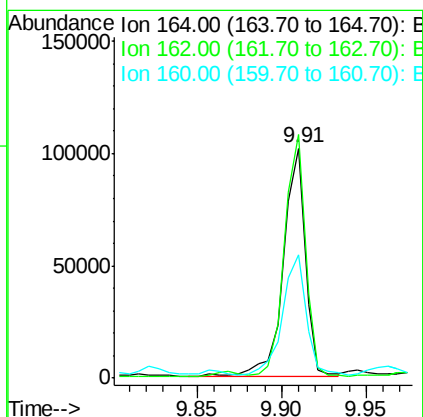
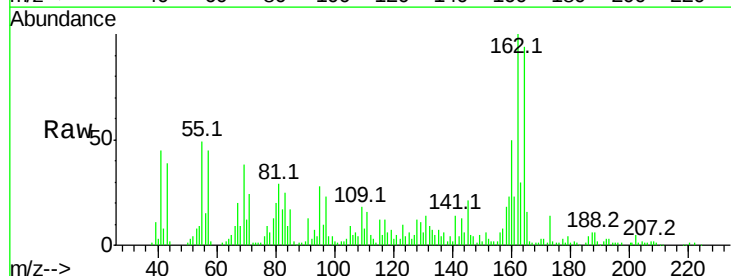
RT: 9.91 min Scan# 1330

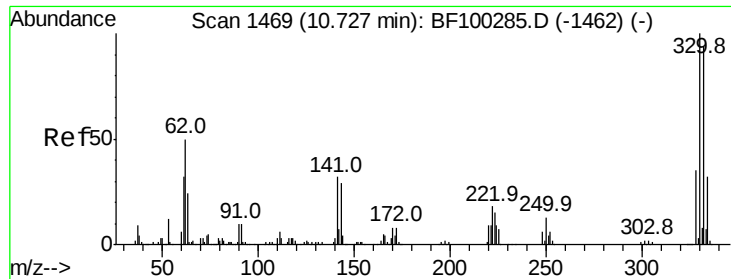
Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	53.4	38.3	57.5

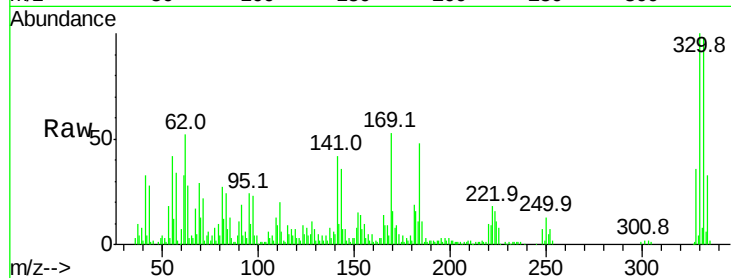




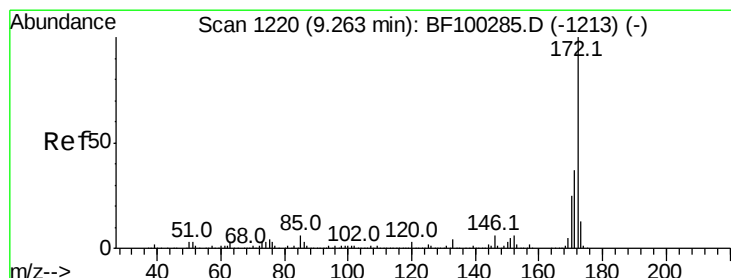
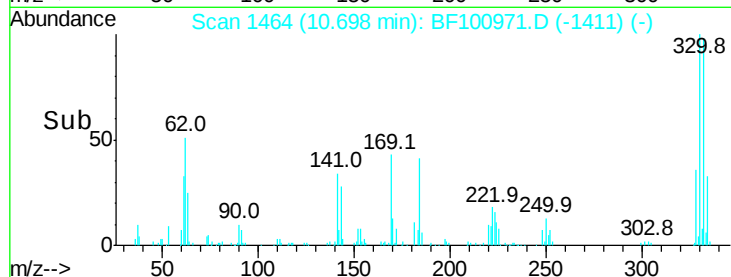
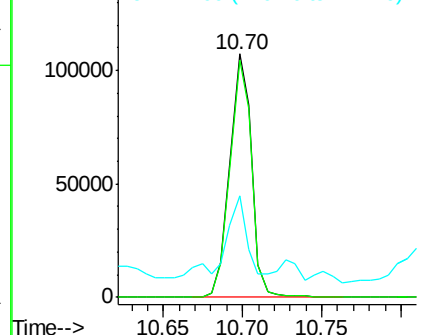
#41
 2,4,6-Tribromophenol
 Concen: 109.800 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF100971.D
 Acq: 29 Nov 2017 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 101660
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.3 29.9 44.9

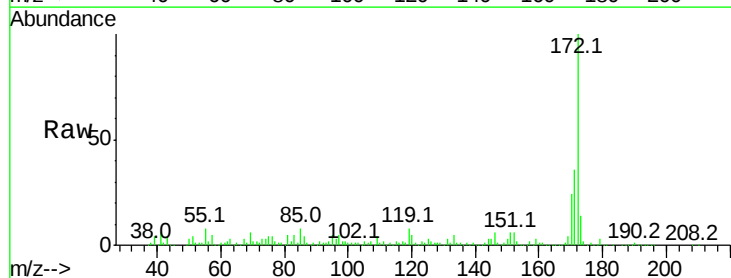


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

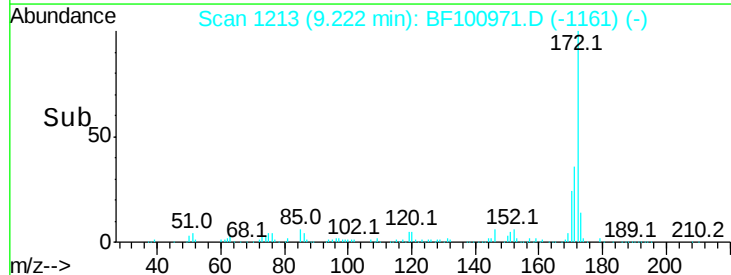
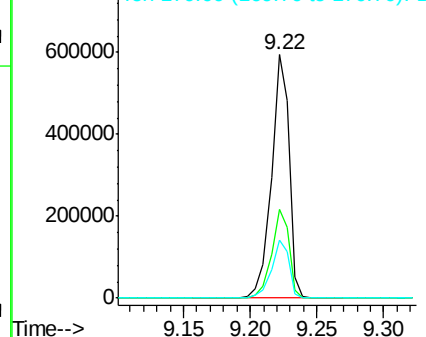


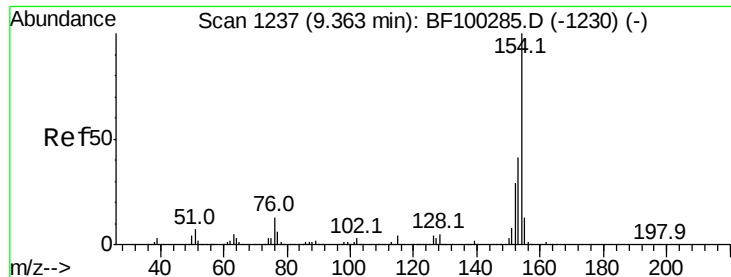
#44
 2-Fluorobiphenyl
 Concen: 91.432 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF100971.D
 Acq: 29 Nov 2017 8:53

Tgt Ion:172 Resp: 545572
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.9 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: 7.145 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampleId :

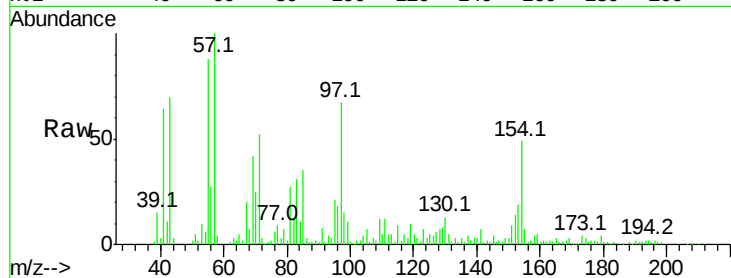
Tot Ion:154 Resp: 56149

Ion Ratio Lower Upper

154 100

153 39.3 21.3 61.3

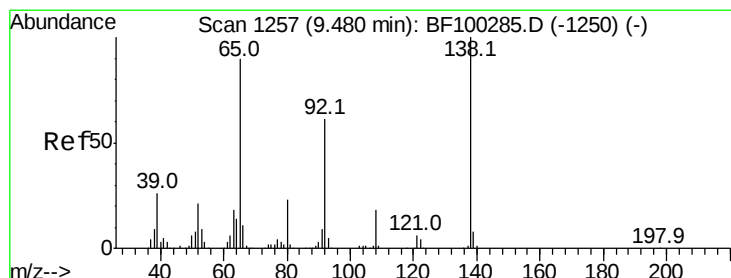
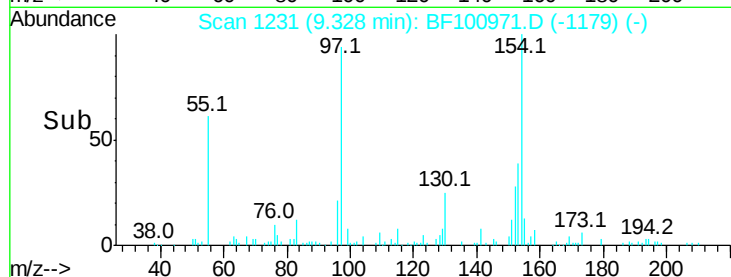
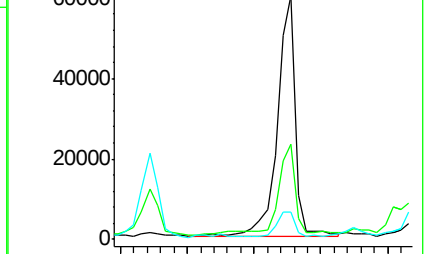
76 11.3 0.0 34.0



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: 4.638 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

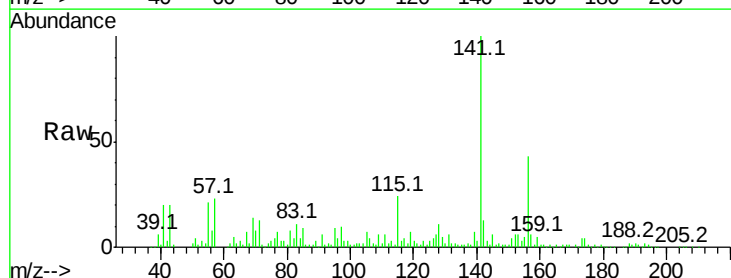
Tgt Ion: 65 Resp: 3316

Ion Ratio Lower Upper

65 100

92 41.7 55.8 83.6#

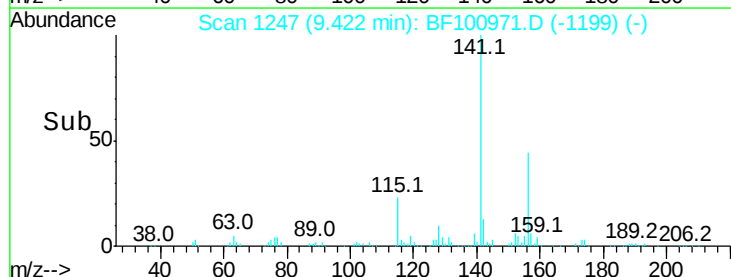
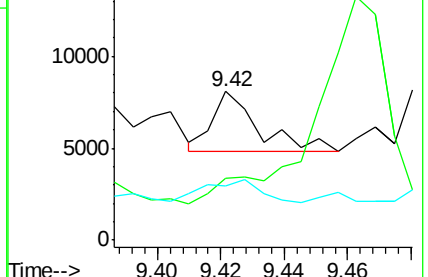
138 36.9 91.2 136.8#

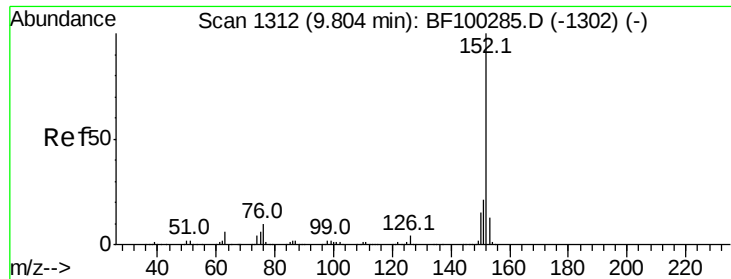


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 2.174 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampled :

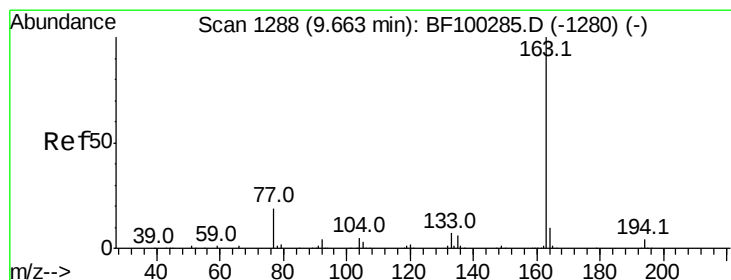
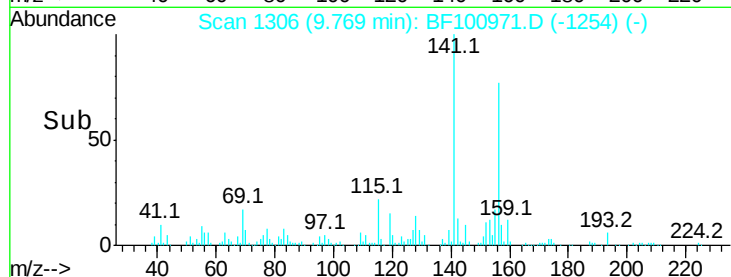
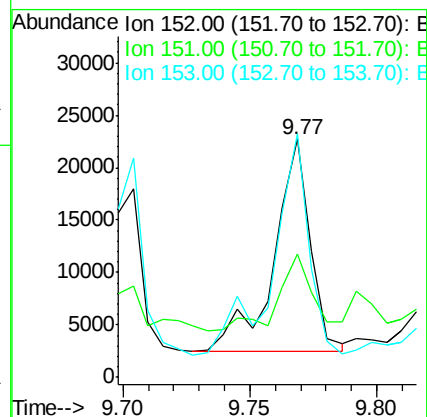
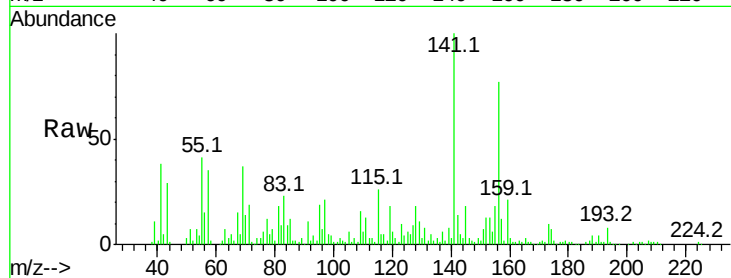
Tot Ion:152 Resp: 20539

Ion Ratio Lower Upper

152 100

151 52.1 16.3 24.5#

153 102.3 10.7 16.1#



#49

Dimethylphthalate

Concen: 7.733 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

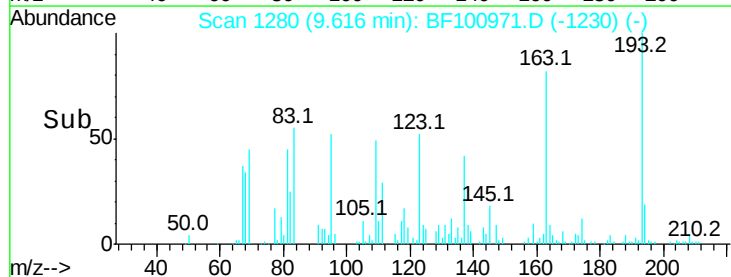
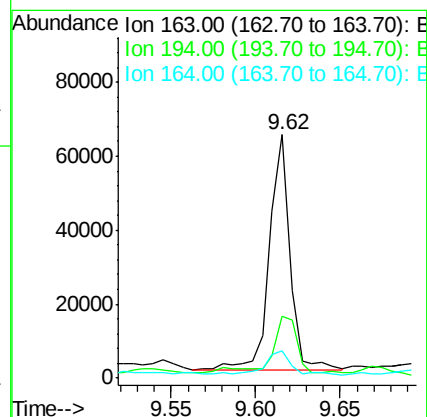
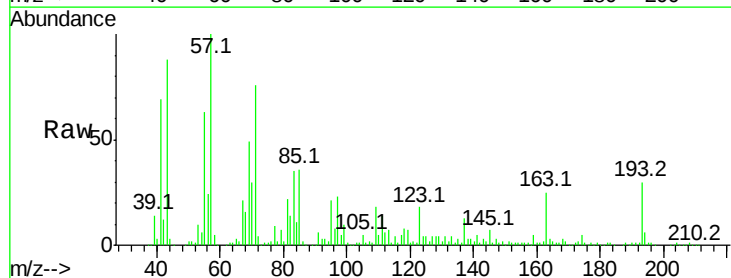
Tgt Ion:163 Resp: 53646

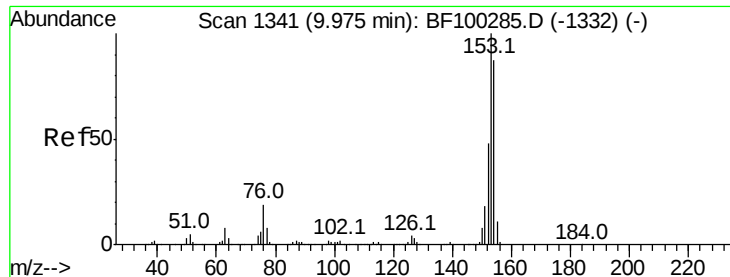
Ion Ratio Lower Upper

163 100

194 25.3 2.7 4.1#

164 11.4 8.2 12.2





#51

Acenaphthene

Concen: 5.979 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampleId :

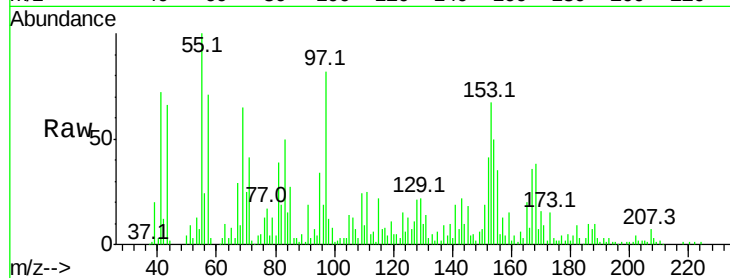
Tot Ion:154 Resp: 34356

Ion Ratio Lower Upper

154 100

153 135.0 91.2 136.8

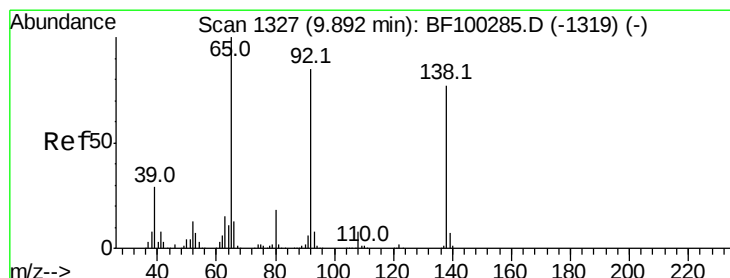
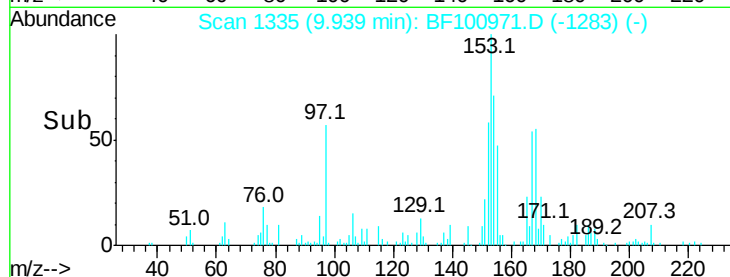
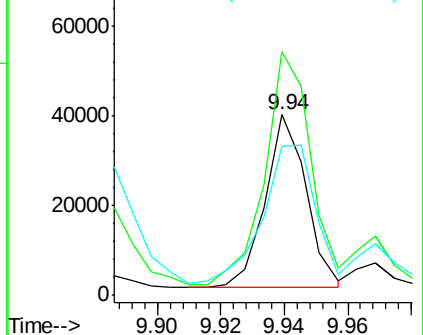
152 82.3 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.326 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

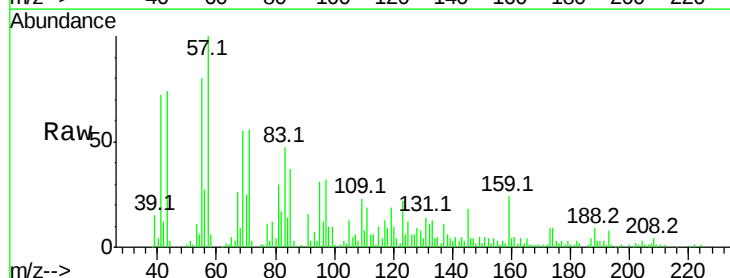
Tgt Ion:138 Resp: 3772

Ion Ratio Lower Upper

138 100

108 54.5 9.4 14.0#

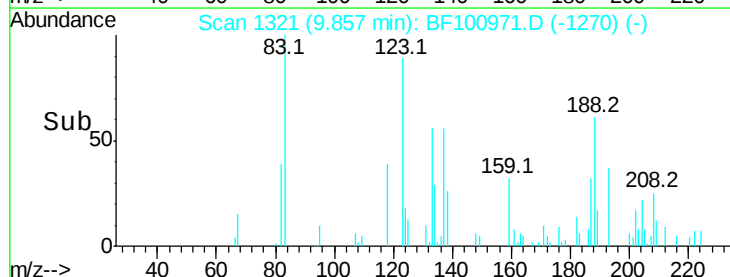
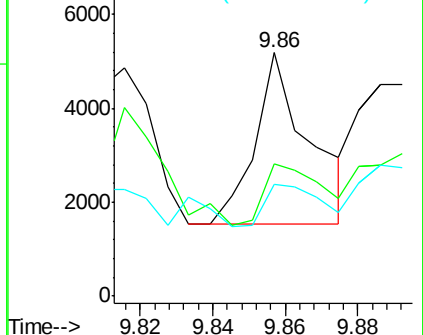
92 46.1 89.4 134.2#

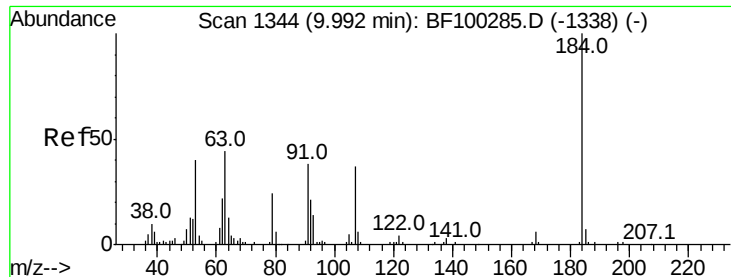


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

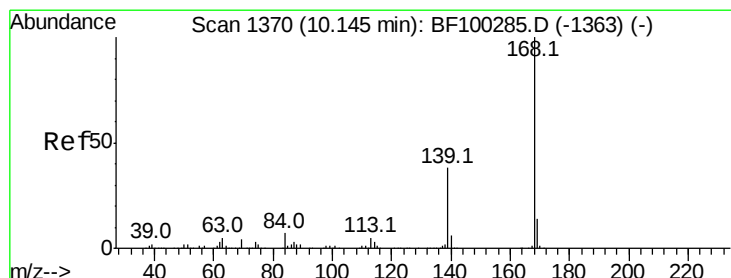
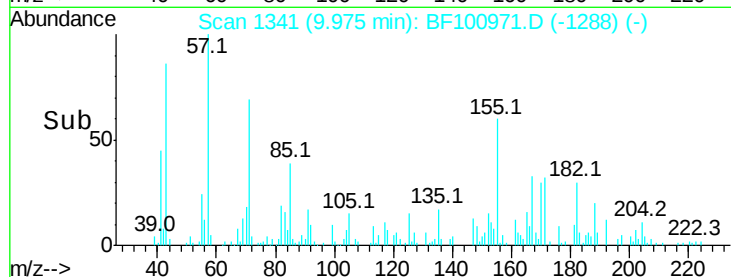
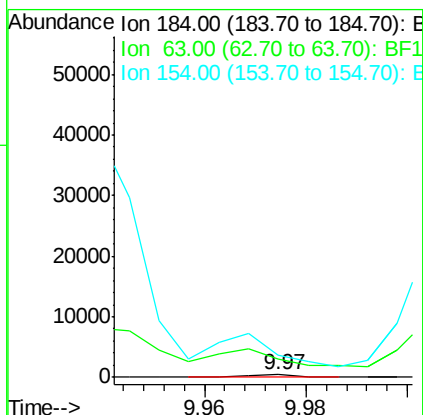
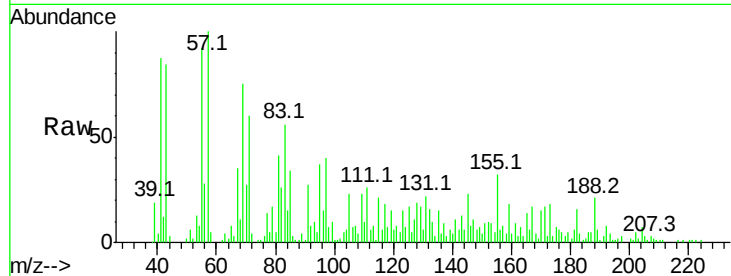




#53
2,4-Dinitrophenol
Concen: 8.444 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

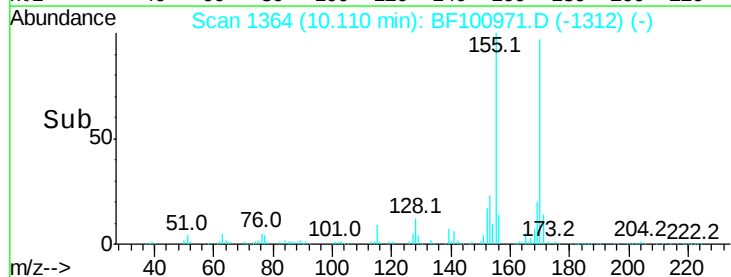
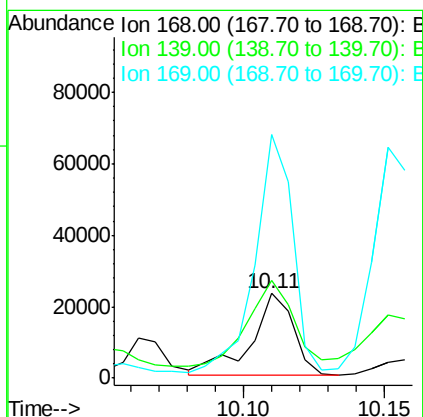
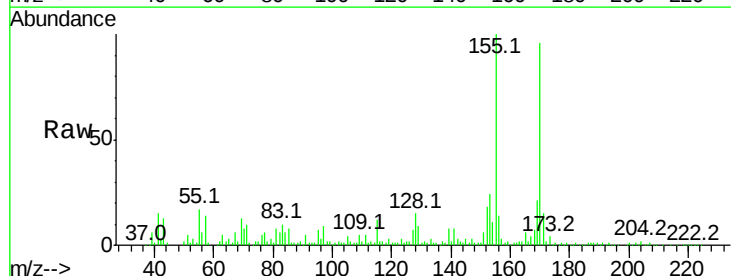
Instrument :
BNA_F
ClientSampleId :

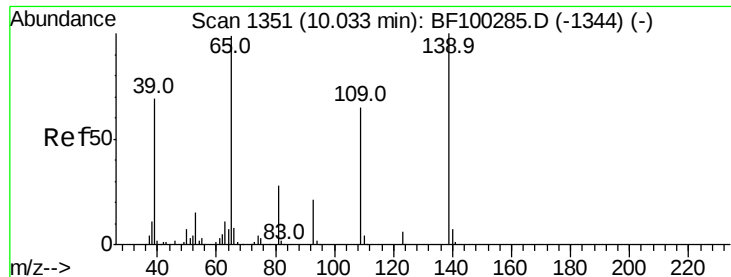
Tot Ion:184 Resp: 273
Ion Ratio Lower Upper
184 100
63 710.0 54.2 81.2#
154 851.3 184.0 276.0#



#54
Dibenzofuran
Concen: 3.001 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion:168 Resp: 24167
Ion Ratio Lower Upper
168 100
139 115.7 30.1 45.1#
169 287.6 10.9 16.3#

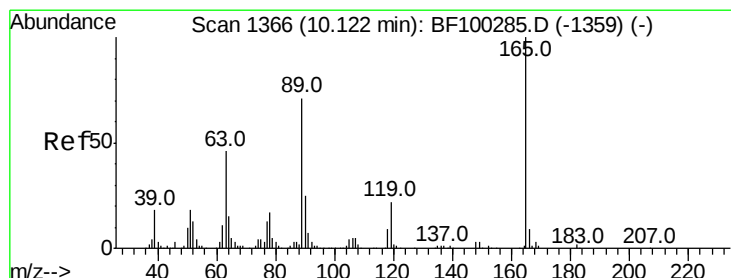
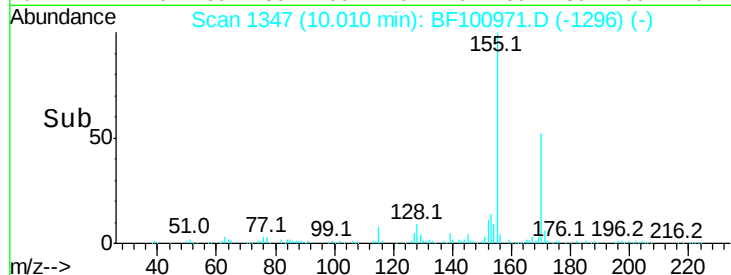
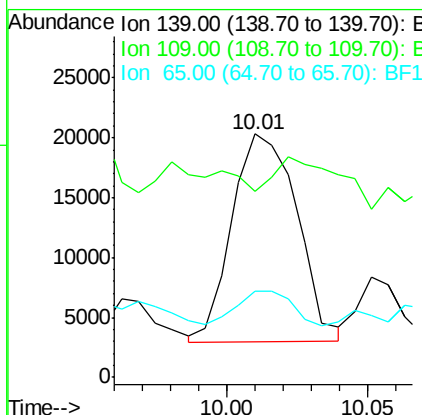
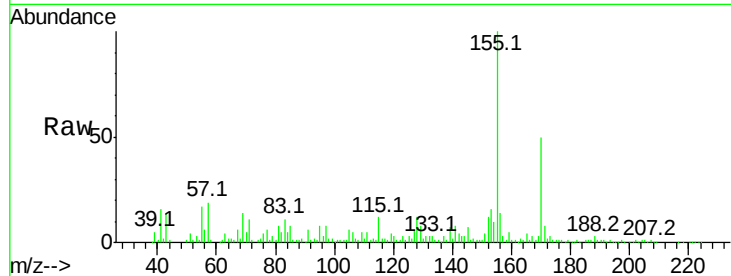




#55
4-Nitrophenol
Concen: 21.107 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

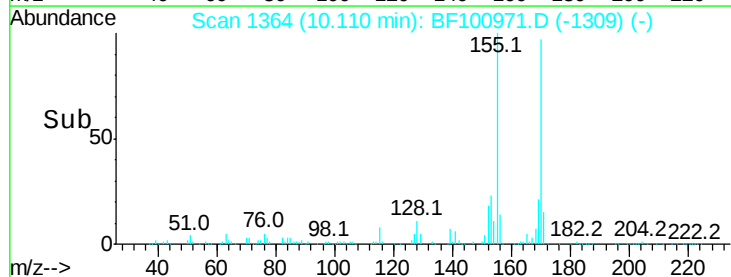
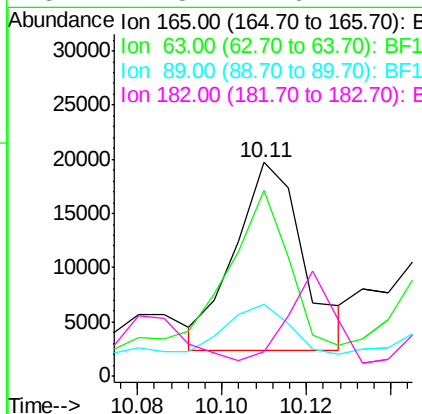
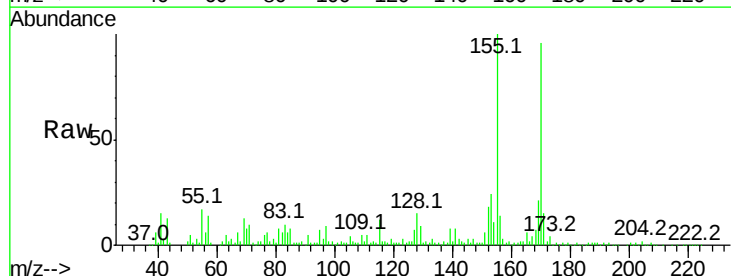
Instrument :
BNA_F
ClientSampled :

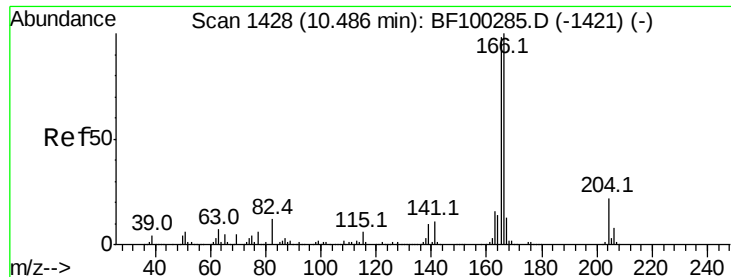
Tot Ion:139 Resp: 27791
Ion Ratio Lower Upper
139 100
109 76.6 48.4 88.4
65 35.6 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 11.322 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.02 min
Lab File: BF100971.D
Acq: 29 Nov 2017 8:53

Tgt Ion:165 Resp: 19614
Ion Ratio Lower Upper
165 100
63 87.1 36.4 54.6#
89 33.9 57.8 86.6#
182 11.3 1.6 2.4#





#57

Fluorene

Concen: 12.316 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampled :

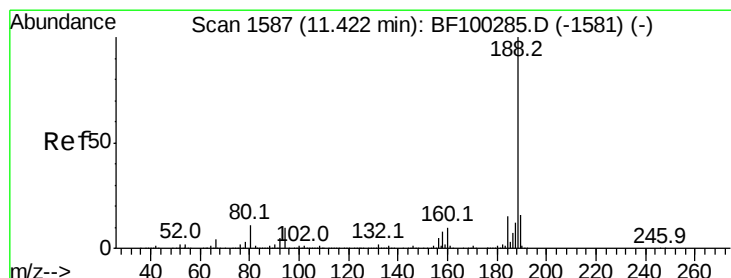
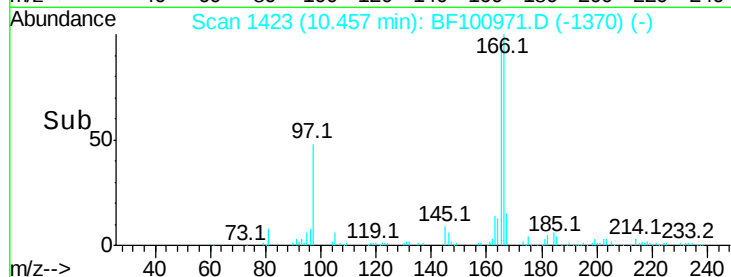
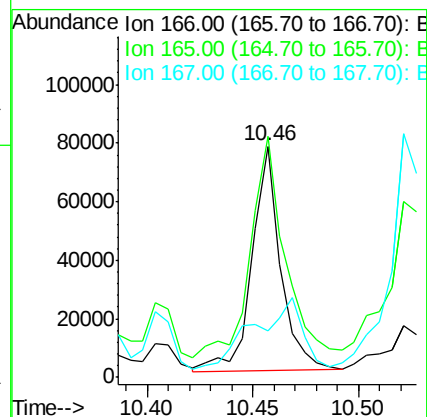
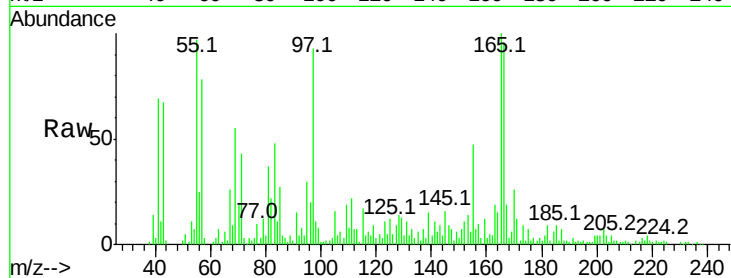
Tot Ion:166 Resp: 72663

Ion Ratio Lower Upper

166 100

165 104.2 79.8 119.8

167 20.1 10.6 16.0#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.02 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

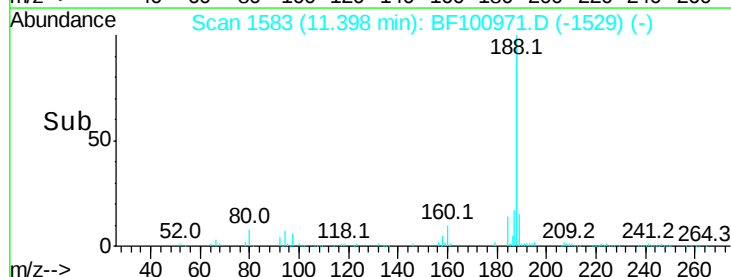
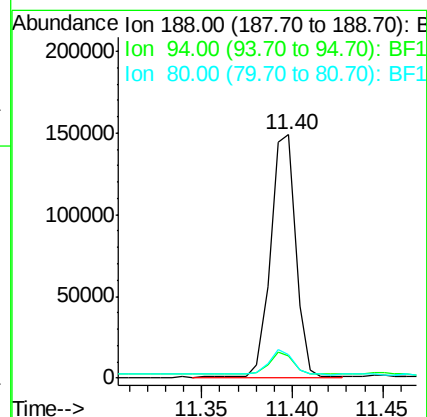
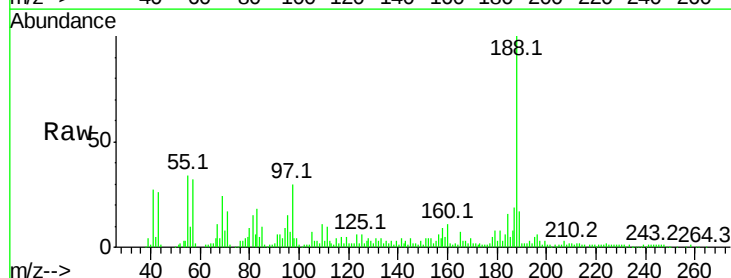
Tgt Ion:188 Resp: 143014

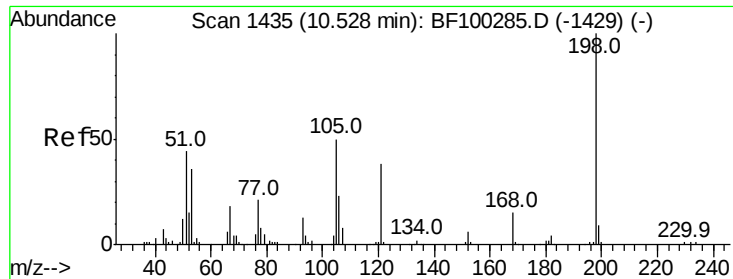
Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

80 9.4 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 10.108 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.02 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampleId :

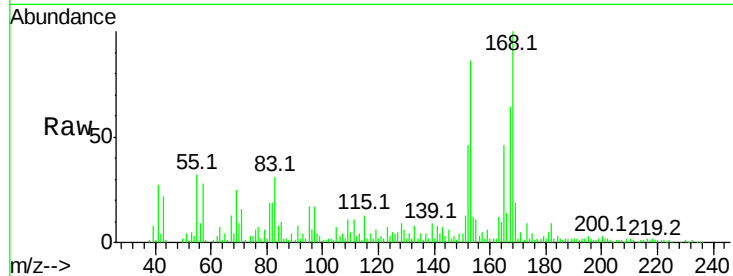
Tot Ion:198 Resp: 1352

Ion Ratio Lower Upper

198 100

51 513.9 37.7 77.7#

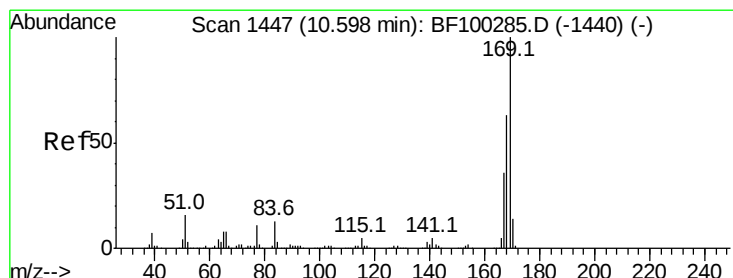
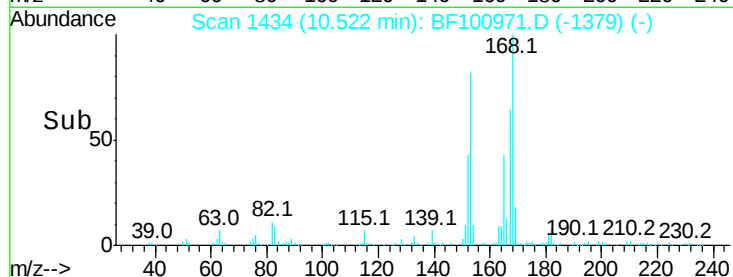
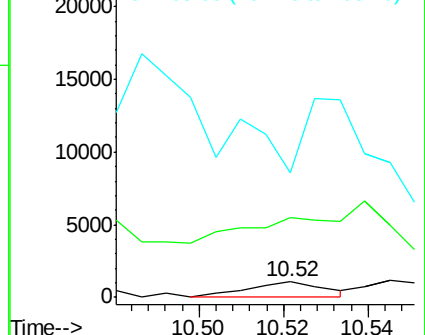
105 804.7 36.3 76.3#



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: 23.182 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

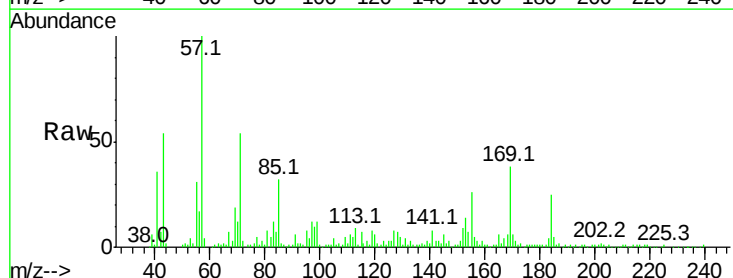
Tgt Ion:169 Resp: 115277

Ion Ratio Lower Upper

169 100

168 16.4 54.4 81.6#

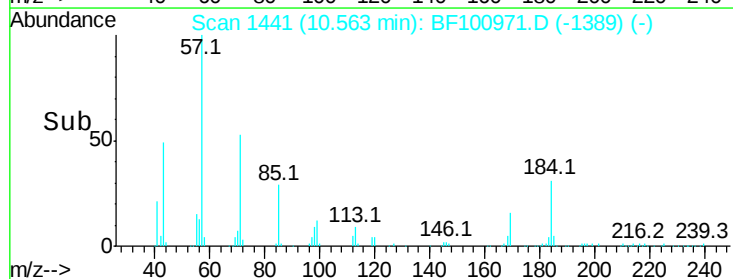
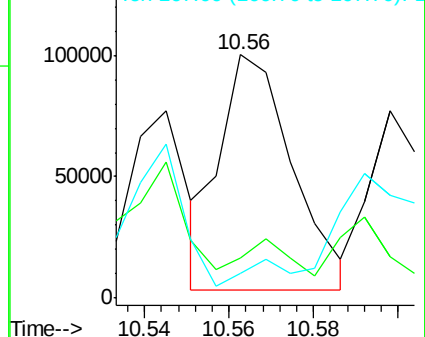
167 10.3 29.8 44.6#

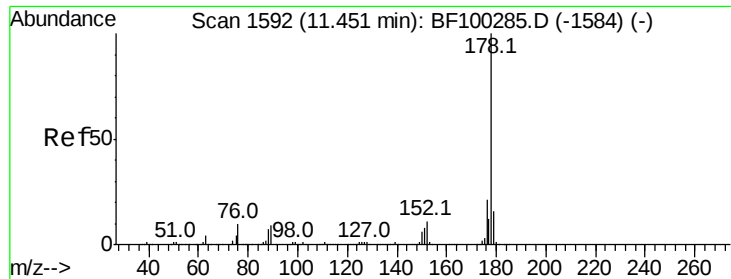


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 34.237 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampleId :

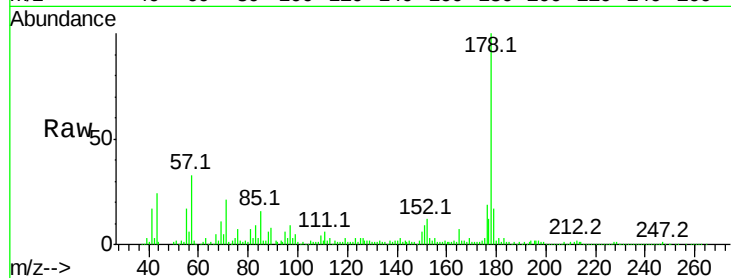
Tot Ion:178 Resp: 257803

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

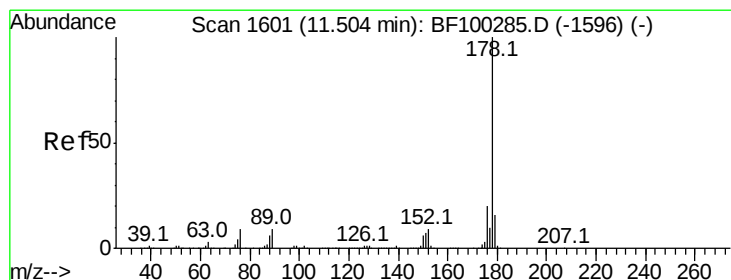
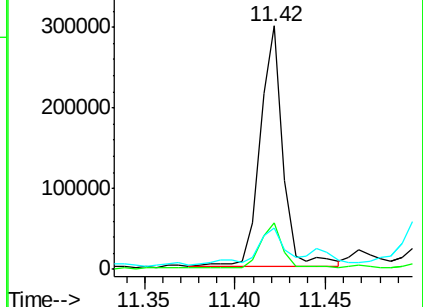
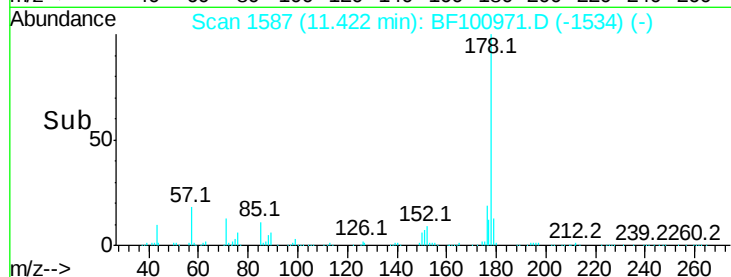
179 16.9 13.0 19.6



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: 33.746 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.04 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

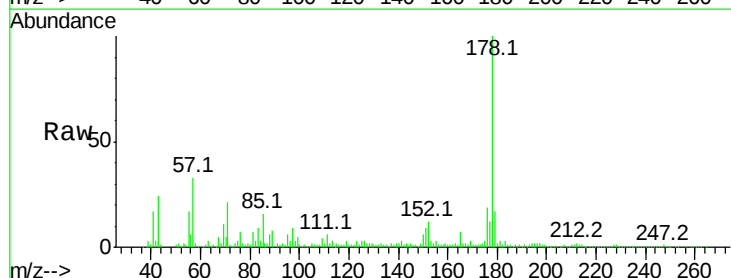
Tgt Ion:178 Resp: 257803

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

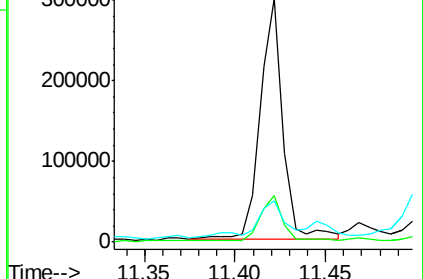
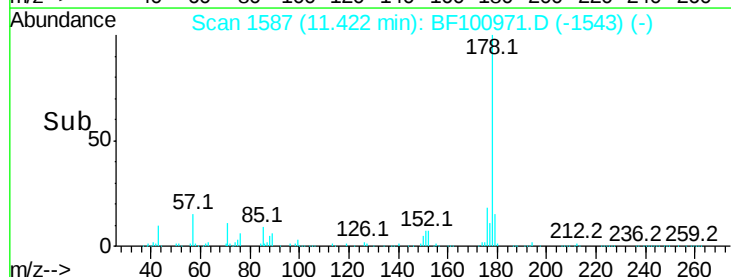
179 16.9 12.6 19.0

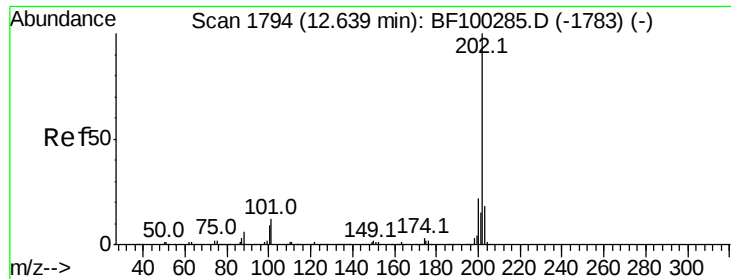


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.901 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.24 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampleId :

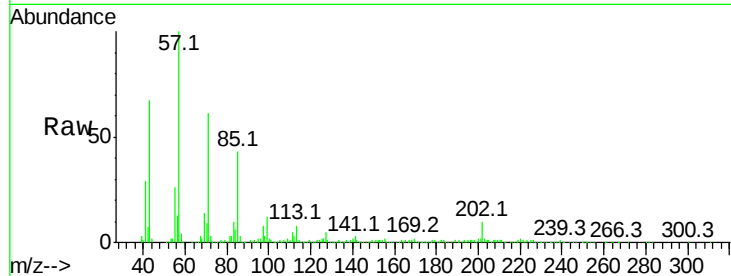
Tot Ion:202 Resp: 31132

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

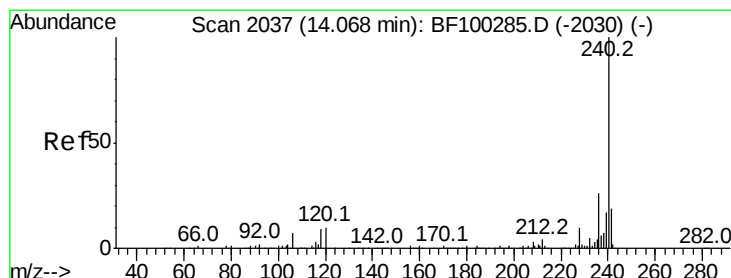
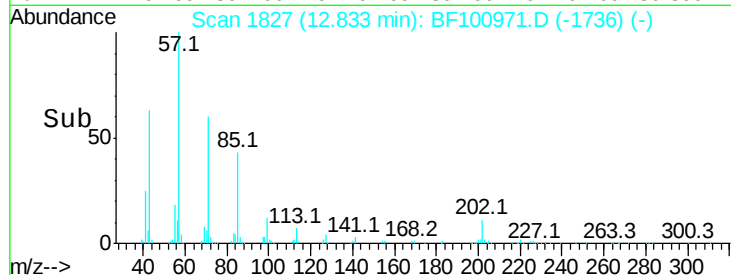
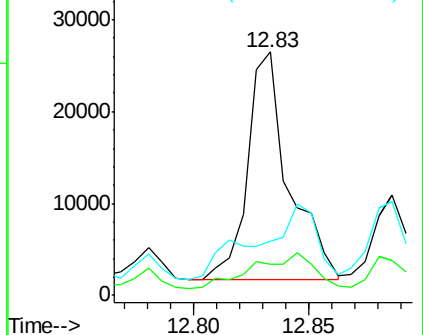
203 22.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

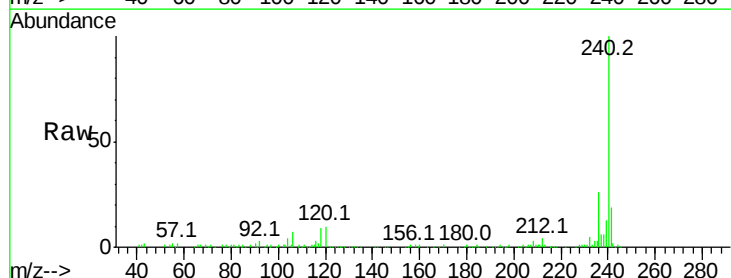
Tgt Ion:240 Resp: 125351

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

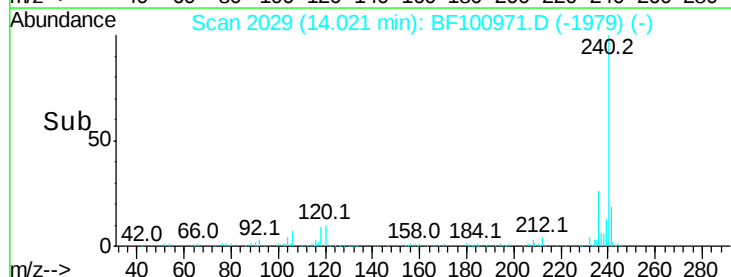
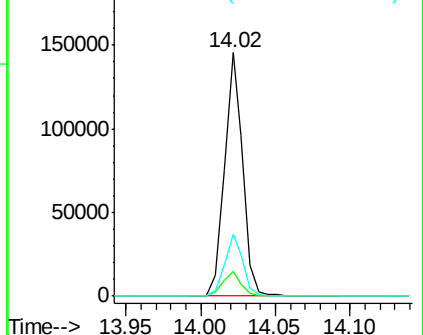
236 25.5 20.7 31.1

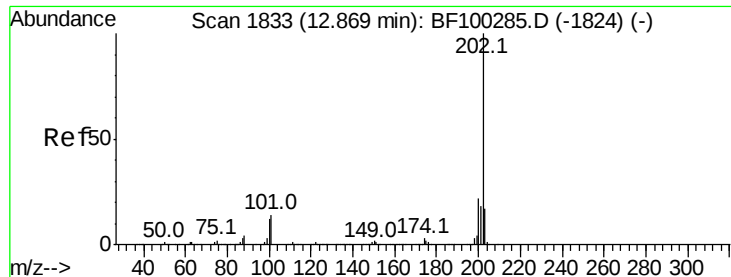


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.574 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

Instrument :

BNA_F

ClientSampleId :

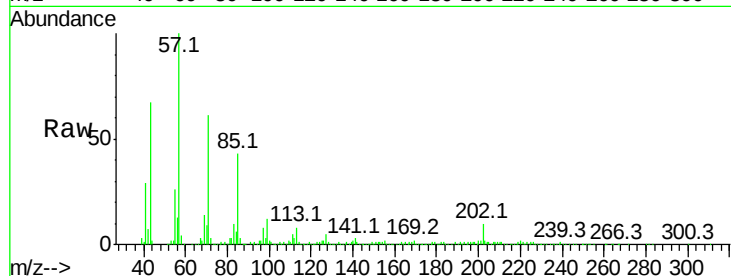
Tot Ion:202 Resp: 31939

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

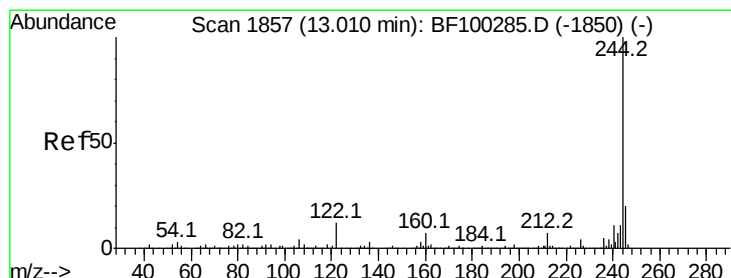
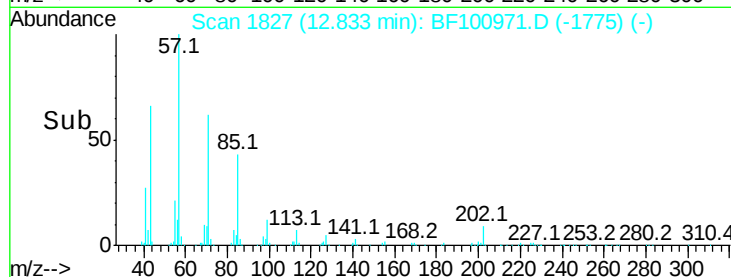
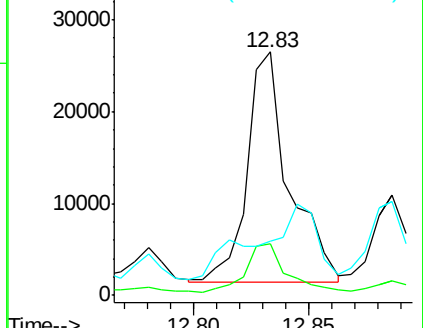
203 22.1 14.3 21.5#



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: 74.578 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100971.D

Acq: 29 Nov 2017 8:53

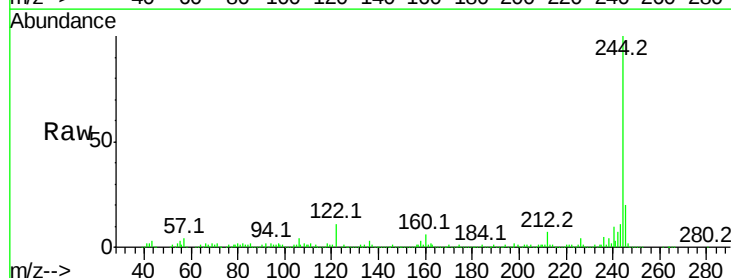
Tgt Ion:244 Resp: 406857

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

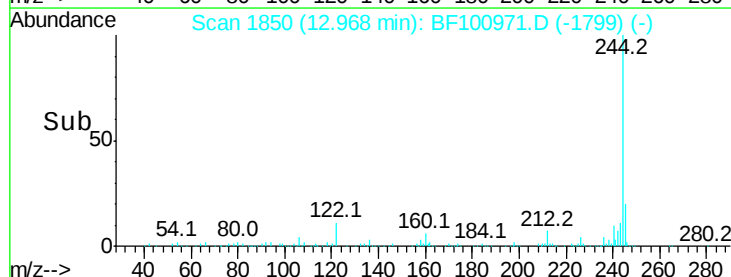
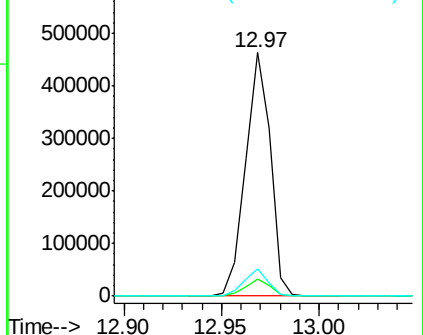
122 11.1 11.0 16.4

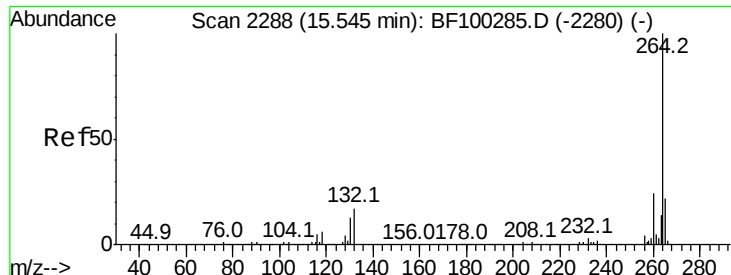


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

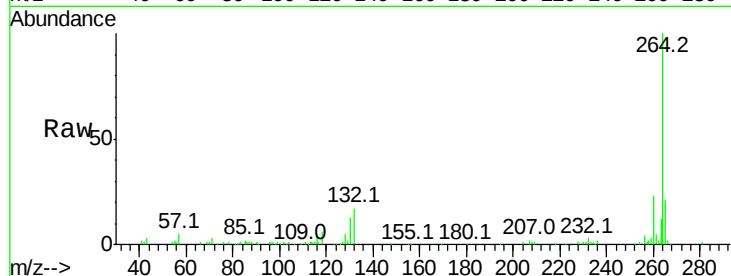




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF100971.D
 Acq: 29 Nov 2017 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	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

