

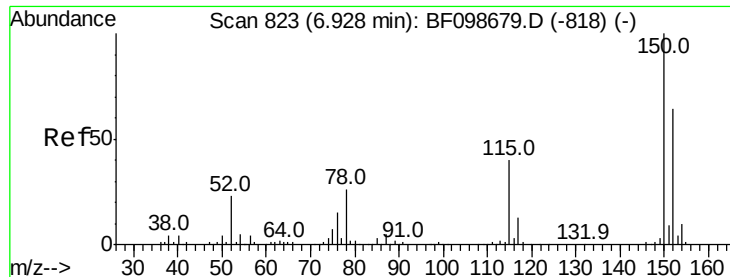
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099022.D
 Acq On : 3 Oct 2017 1:38
 Operator : SJ/JU
 Sample : I5531-09 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-2.5

Quant Time: Oct 03 05:02:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	107015	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	380812	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	141425	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	244205	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	250121	20.00	ng	-0.01
86) Perylene-d12	15.57	264	189903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	6225	0.93	ng	-0.02
7) Phenol-d6	6.52	99	94932	11.45	ng	-0.02
23) Nitrobenzene-d5	7.46	82	94489	15.91	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.26	172	169999	20.07	ng	-0.02
78) Terphenyl-d14	13.01	244	152802	13.89	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.65	163	23704	2.221	ng	Qvalue 98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

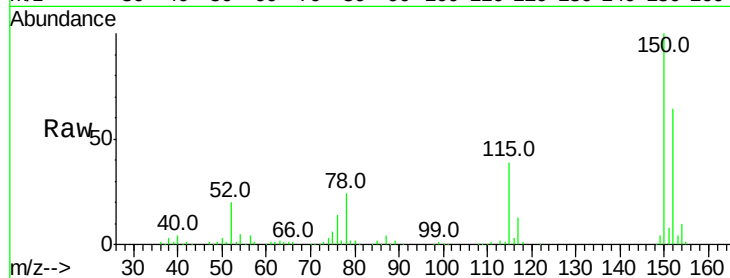
Tot Ion:152 Resp: 107015

Ion Ratio Lower Upper

152 100

150 156.0 124.6 186.8

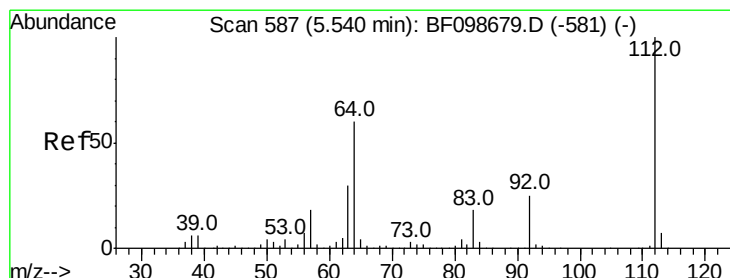
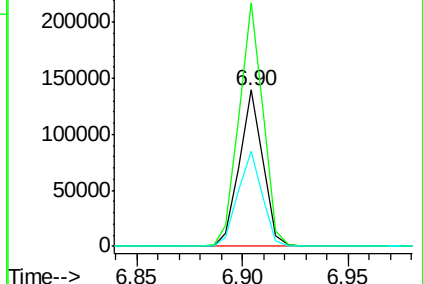
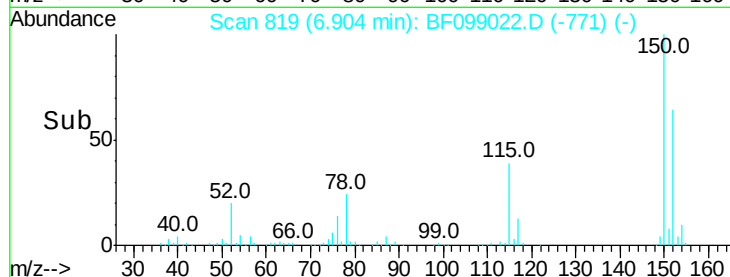
115 60.9 50.1 75.1



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: 0.926 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

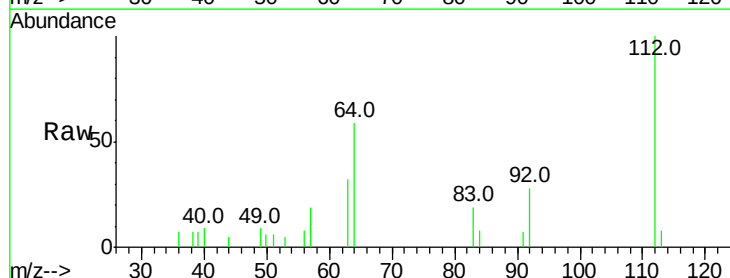
Tgt Ion:112 Resp: 6225

Ion Ratio Lower Upper

112 100

64 59.2 47.9 71.9

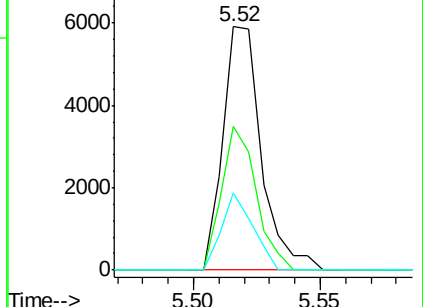
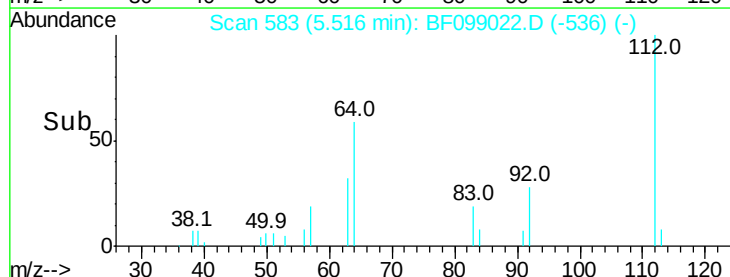
63 31.8 23.7 35.5

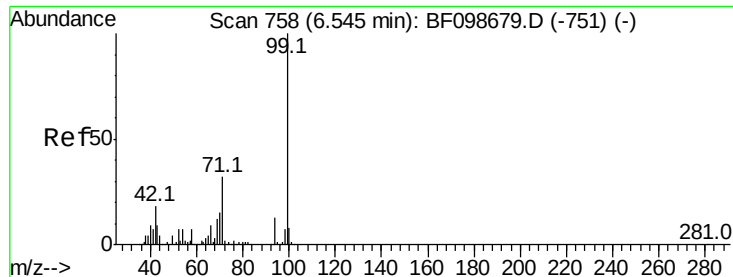


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.447 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampled :

G-62A-0-2.5

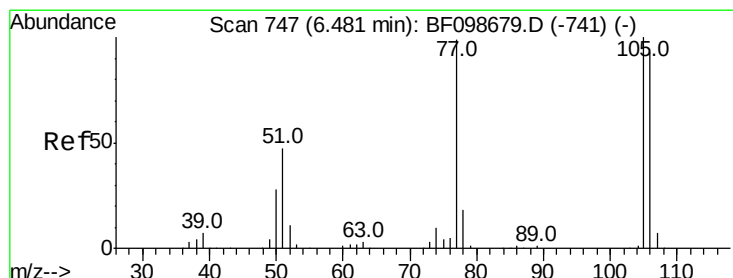
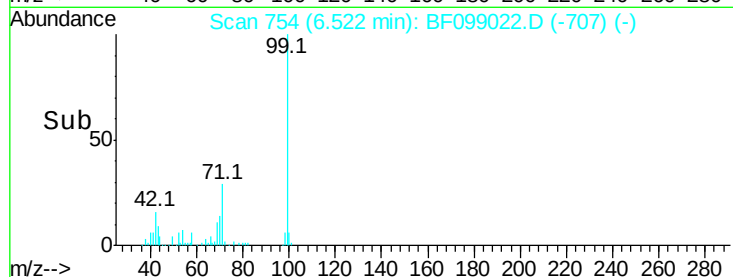
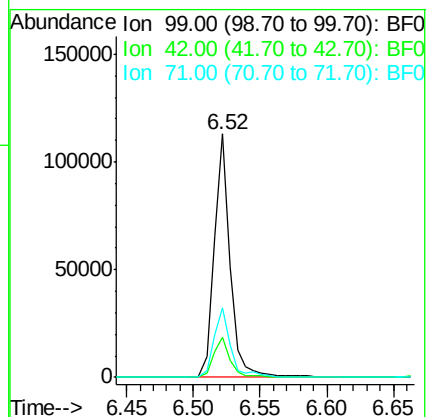
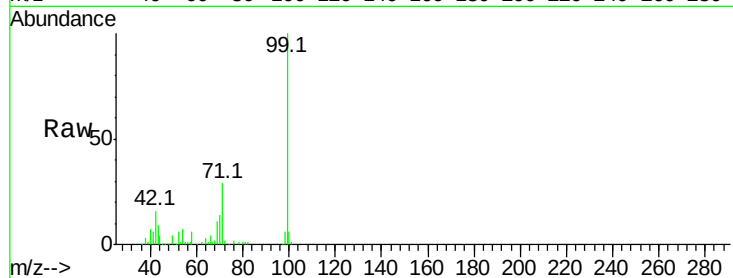
Tot Ion: 99 Resp: 94932

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 28.6 25.4 38.0



#9

Benzaldehyde

Concen: 0.052 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

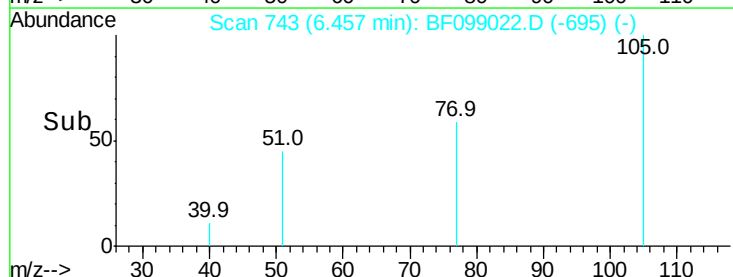
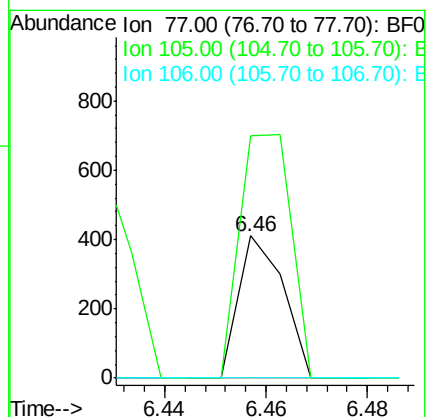
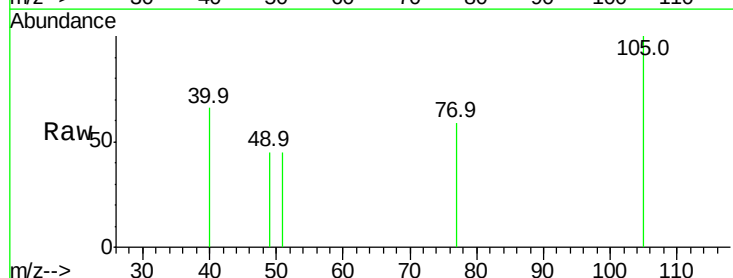
Tgt Ion: 77 Resp: 251

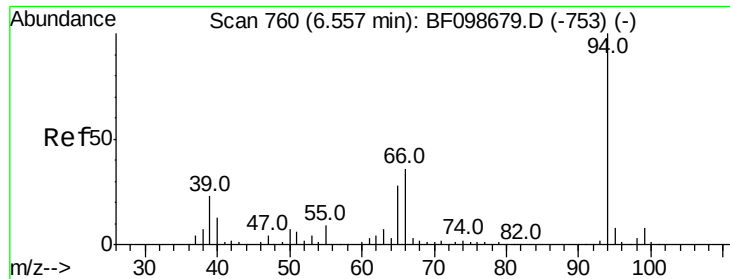
Ion Ratio Lower Upper

77 100

105 170.5 81.1 121.1#

106 0.0 74.5 114.5#





#10

Phenol

Concen: 0.202 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

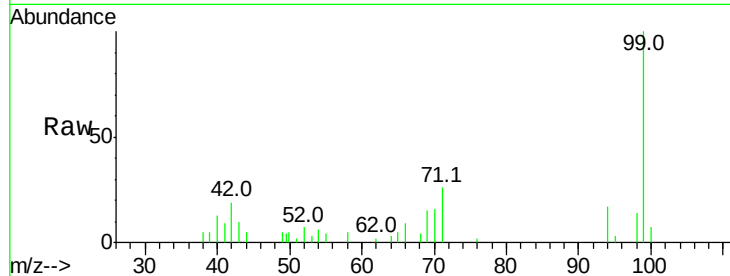
Tot Ion: 94 Resp: 1874

Ion Ratio Lower Upper

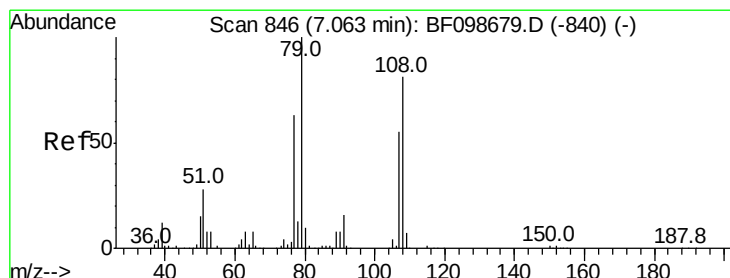
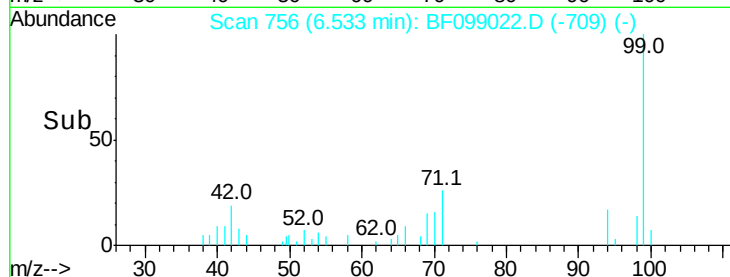
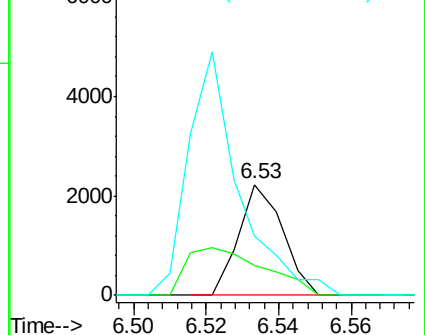
94 100

65 26.5 7.9 47.9

66 53.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 0.327 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

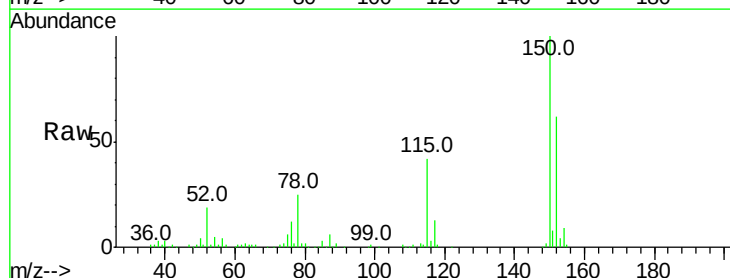
Tgt Ion: 79 Resp: 1988

Ion Ratio Lower Upper

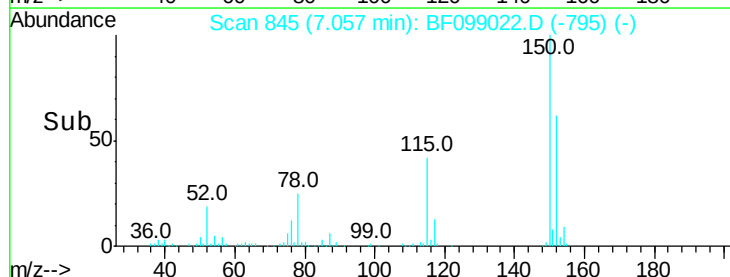
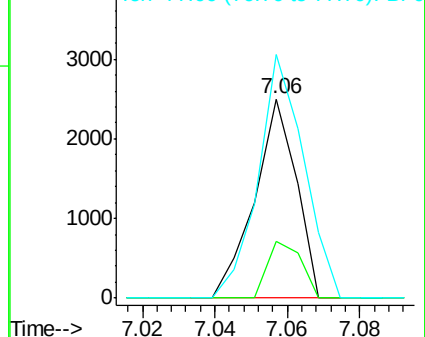
79 100

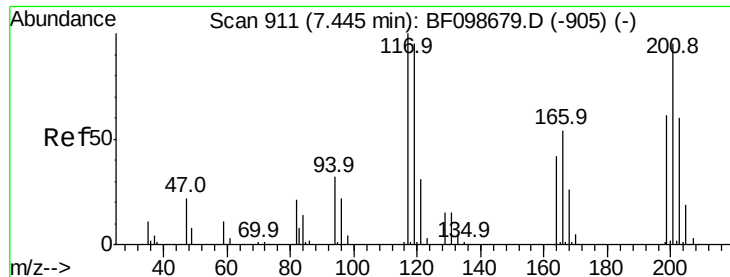
108 28.5 65.1 97.7#

77 122.3 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

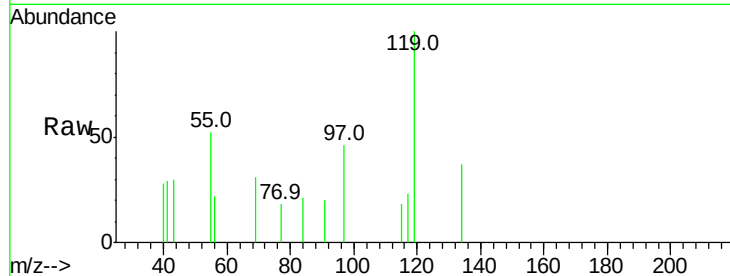




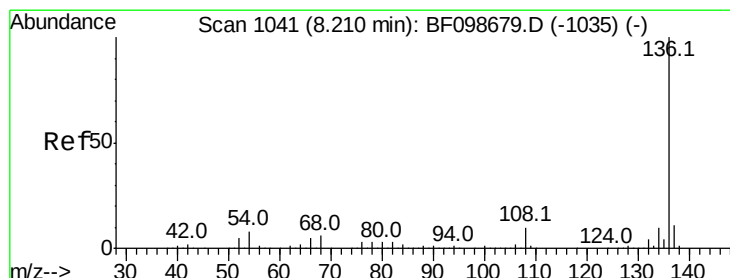
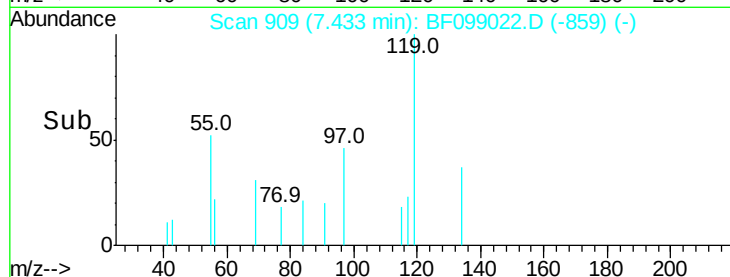
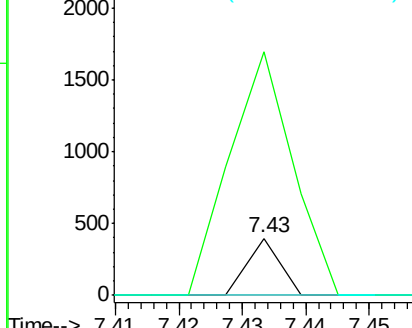
#18
Hexachloroethane
Concen: 0.048 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

Tot Ion:117 Resp: 140
Ion Ratio Lower Upper
117 100
119 425.9 75.8 113.8#
201 0.0 75.7 113.5#

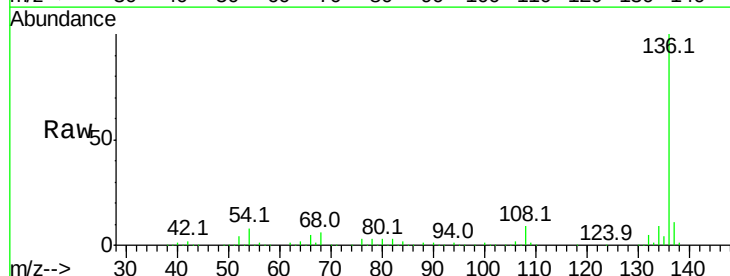


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

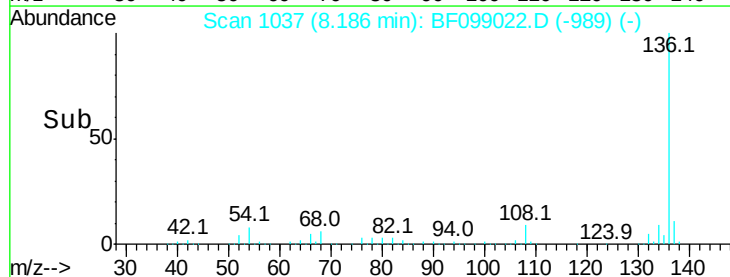
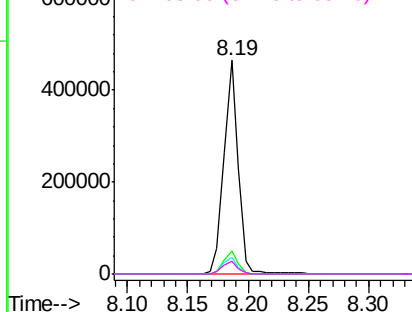


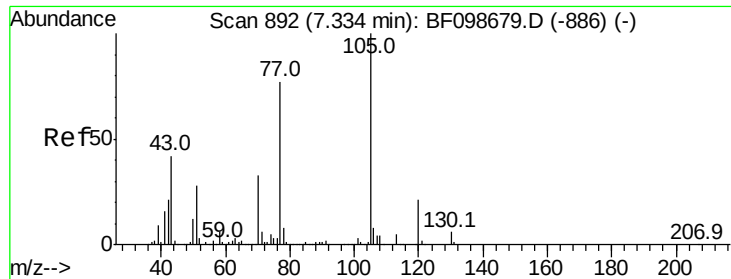
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:136 Resp: 380812
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 6.6 9.8
68 6.0 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 0.012 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

Tot Ion:105 Resp: 112

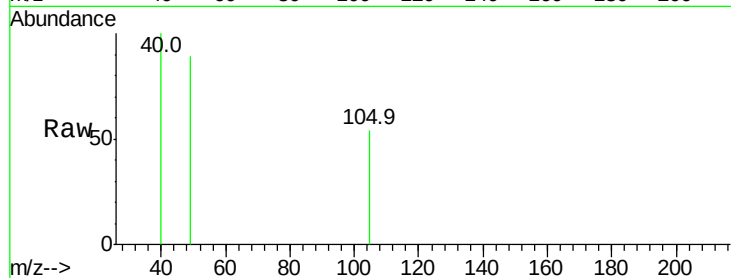
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 0.0 22.3 33.5#

120 0.0 16.9 25.3#



Abundance Ion 105.00 (104.70 to 105.70): E

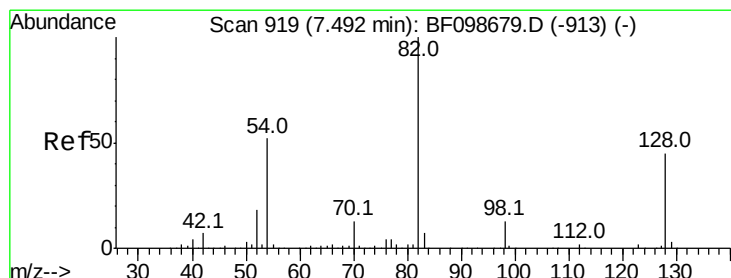
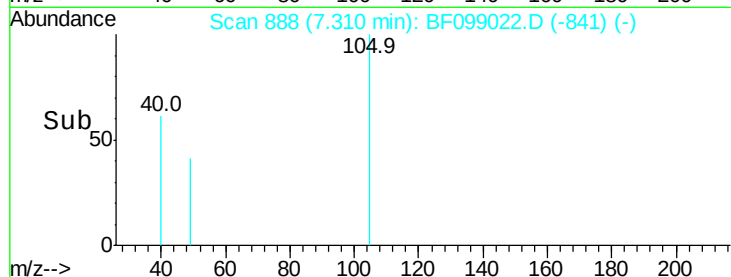
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

7.31

Time-->



#23

Nitrobenzene-d5

Concen: 15.912 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

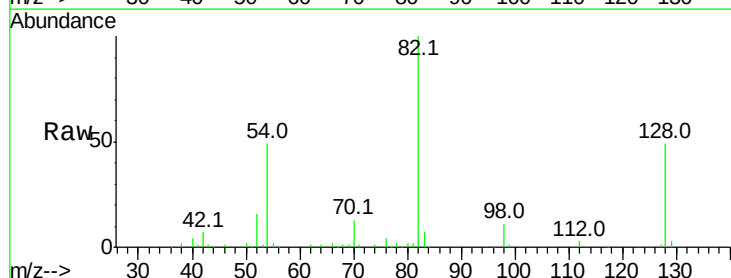
Tgt Ion: 82 Resp: 94489

Ion Ratio Lower Upper

82 100

128 48.6 36.1 54.1

54 49.1 41.4 62.2



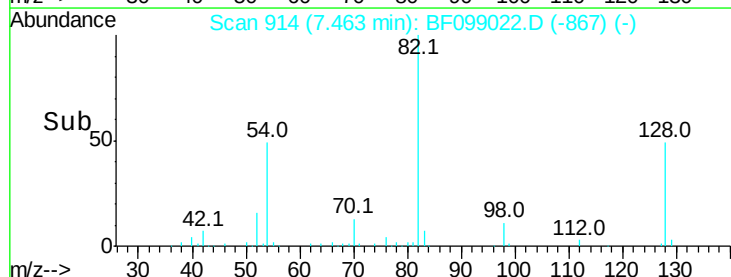
Abundance Ion 82.00 (81.70 to 82.70): BF0

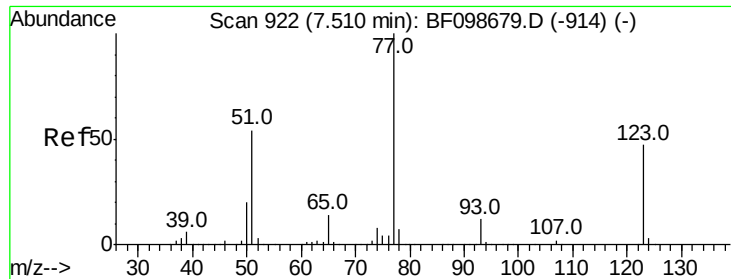
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

7.46

Time-->

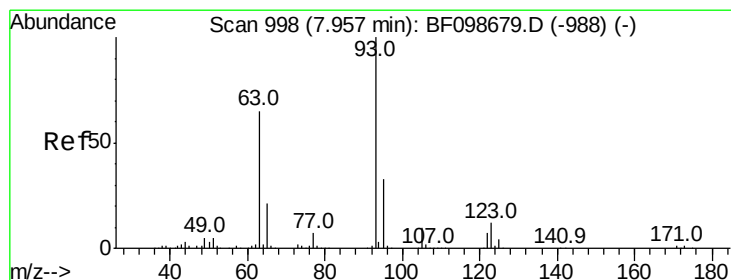
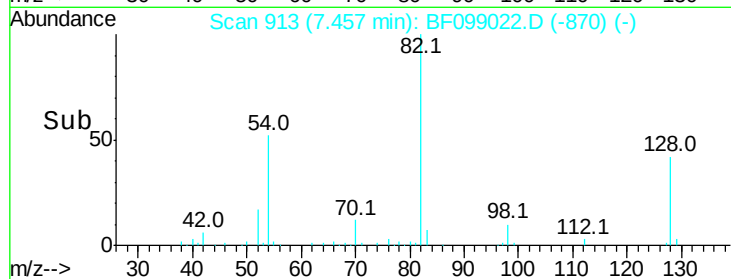
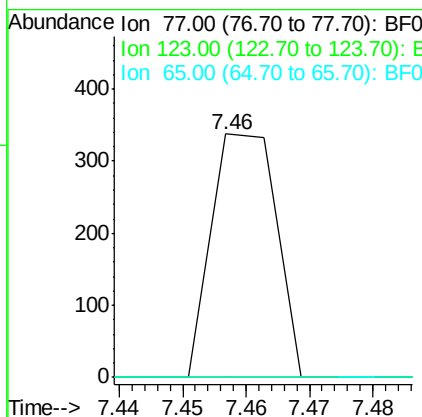
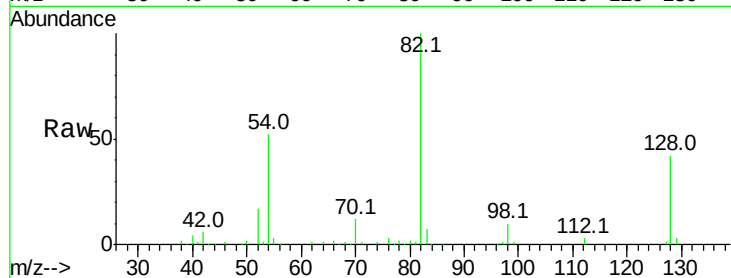




#24
 Nitrobenzene
 Concen: 0.035 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.05 min
 Lab File: BF099022.D
 Acq: 3 Oct 2017 1:38

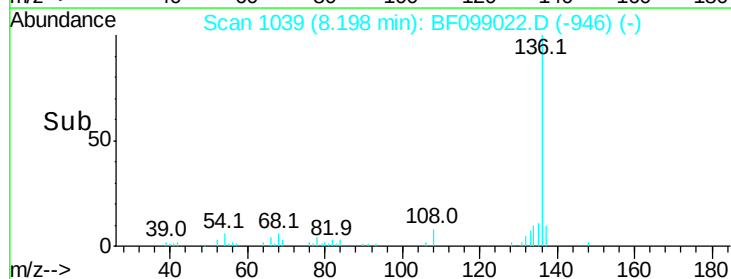
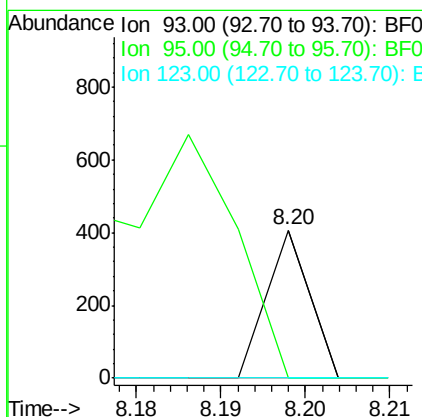
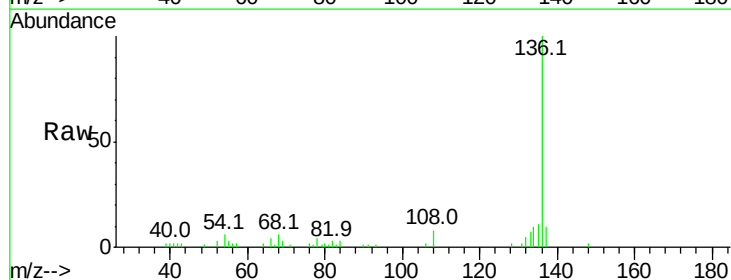
Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-2.5

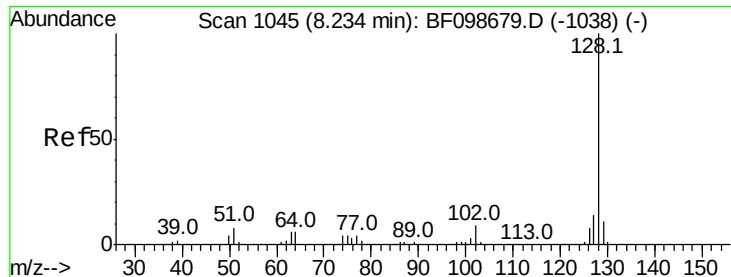
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	0.0	11.0	16.4#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.019 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.25 min
 Lab File: BF099022.D
 Acq: 3 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.3	39.5#
123	0.0	9.8	14.6#

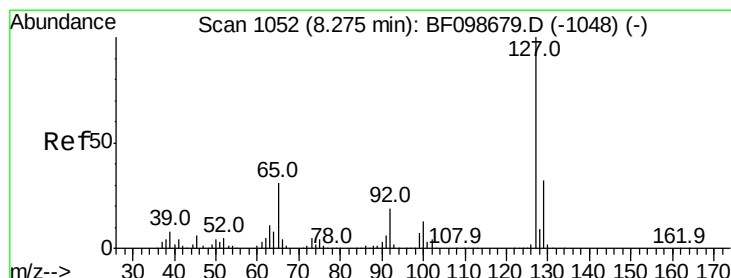
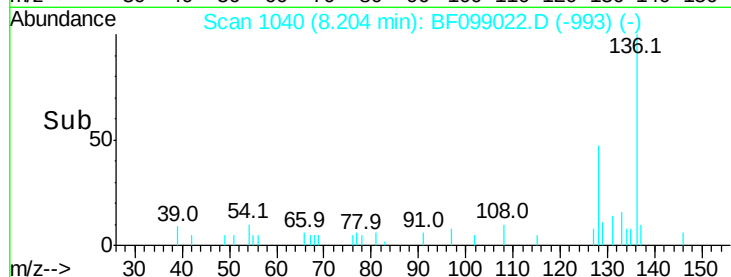
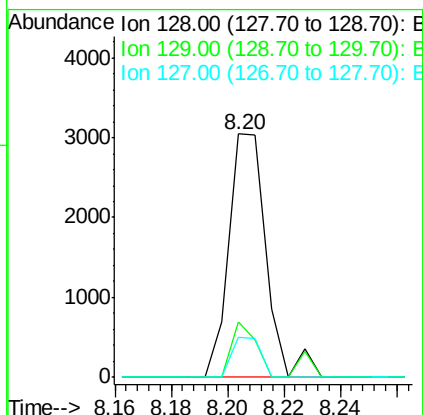
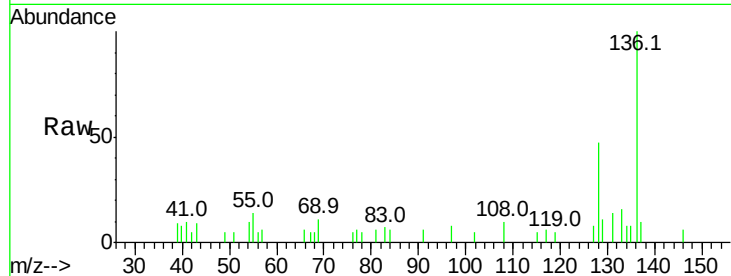




#31
Naphthalene
Concen: 0.157 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

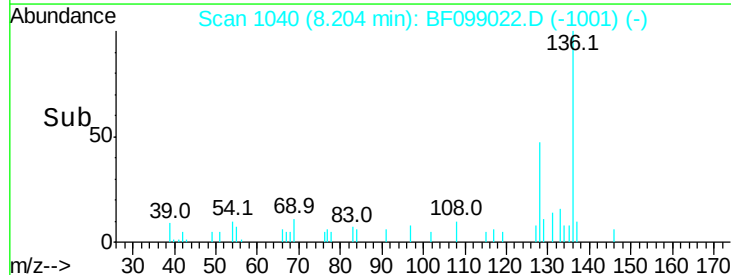
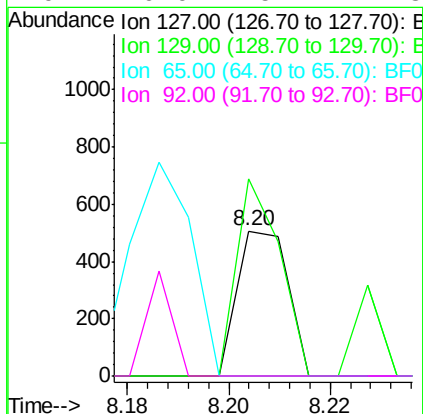
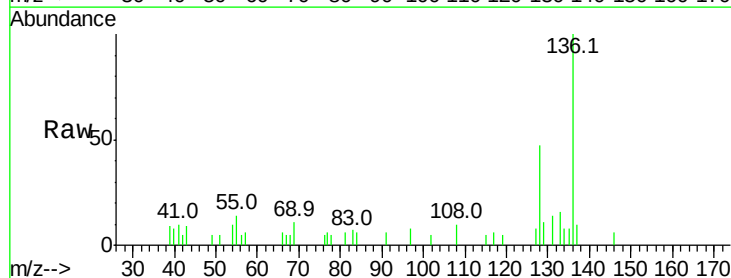
Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

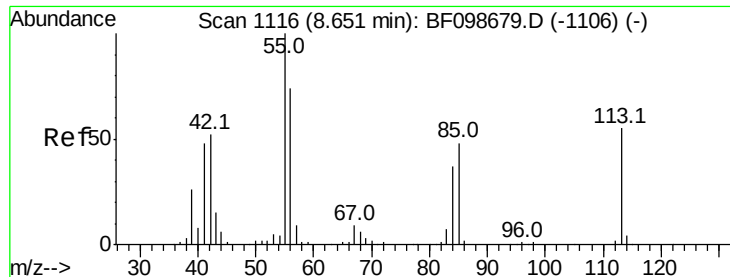
Tot Ion:128 Resp: 2812
Ion Ratio Lower Upper
128 100
129 22.6 8.8 13.2#
127 16.6 10.9 16.3#



#33
4-Chloroaniline
Concen: 0.047 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.07 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:127 Resp: 352
Ion Ratio Lower Upper
127 100
129 136.2 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

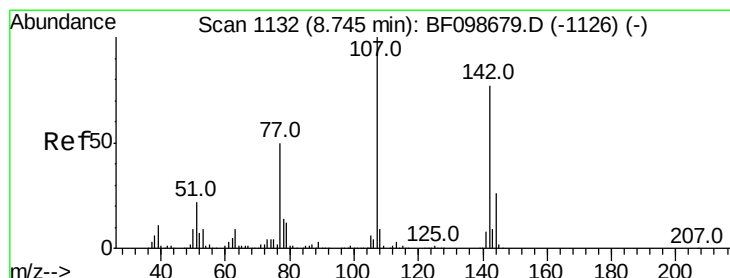
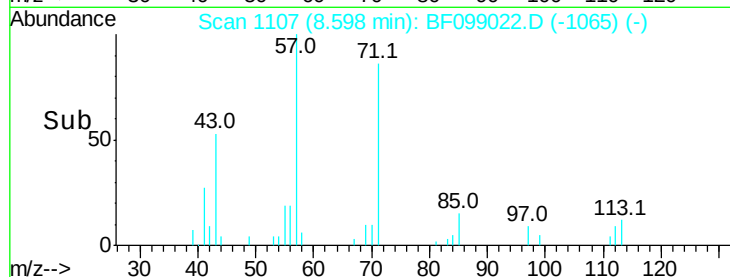
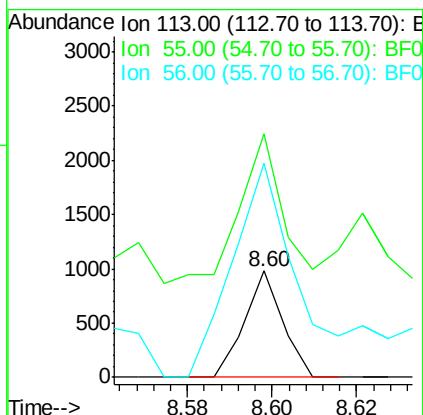
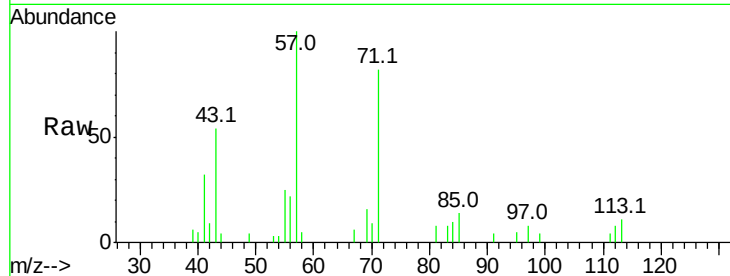




#35
 Caprolactam
 Concen: 0.364 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.05 min
 Lab File: BF099022.D
 Acq: 3 Oct 2017 1:38

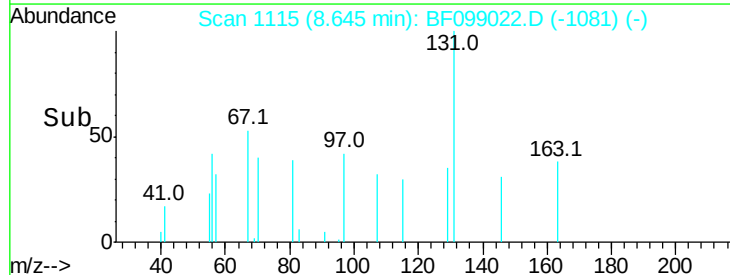
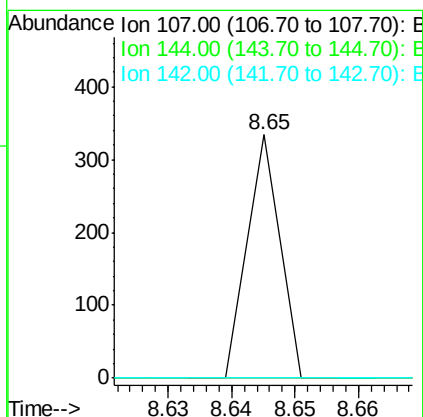
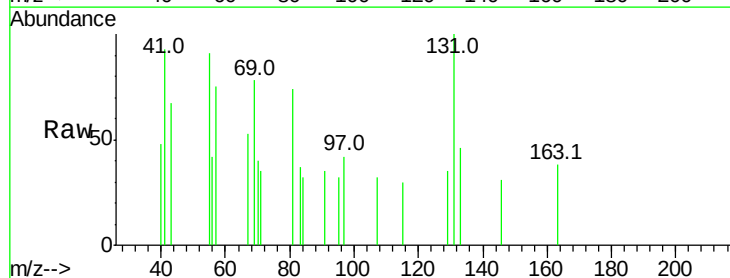
Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-2.5

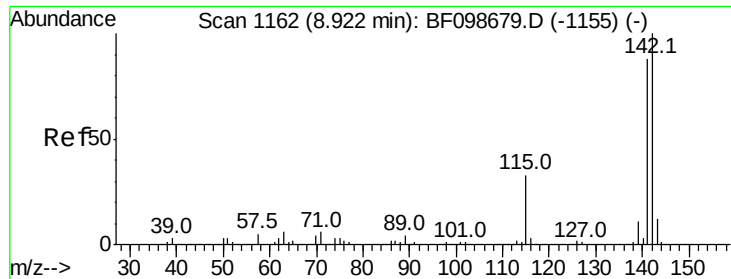
Tot Ion:113 Resp: 614
 Ion Ratio Lower Upper
 113 100
 55 228.3 163.3 203.3#
 56 200.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 0.020 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.10 min
 Lab File: BF099022.D
 Acq: 3 Oct 2017 1:38

Tgt Ion:107 Resp: 118
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 62.0 93.0#

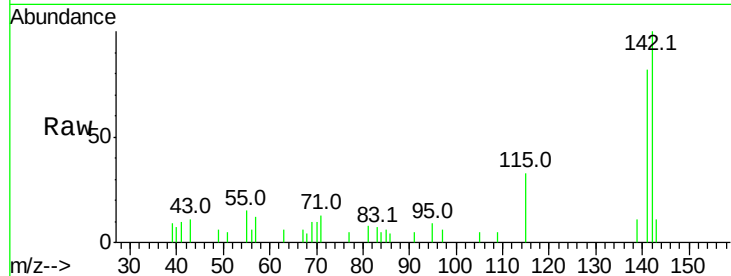




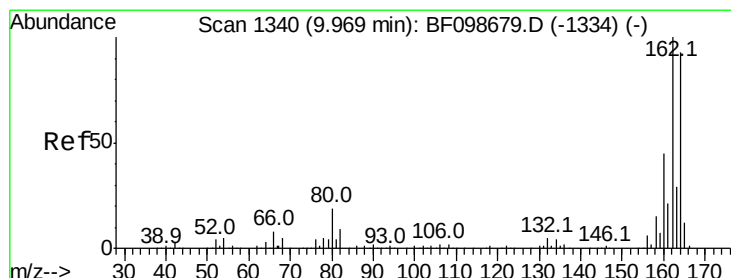
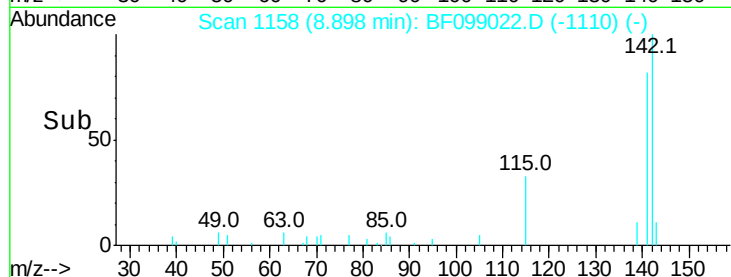
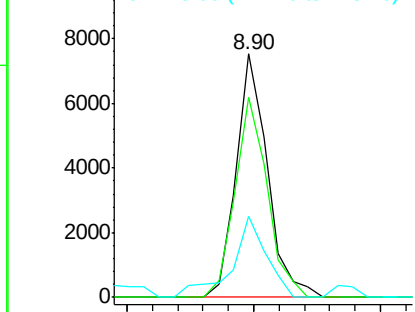
#37
2-Methylnaphthalene
Concen: 0.553 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

Tot Ion:142 Resp: 6433
Ion Ratio Lower Upper
142 100
141 82.0 70.8 106.2
115 33.1 26.1 39.1

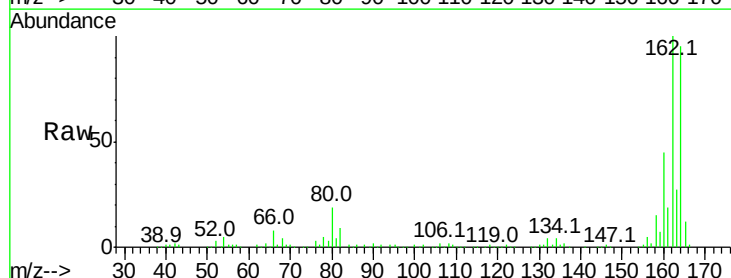


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

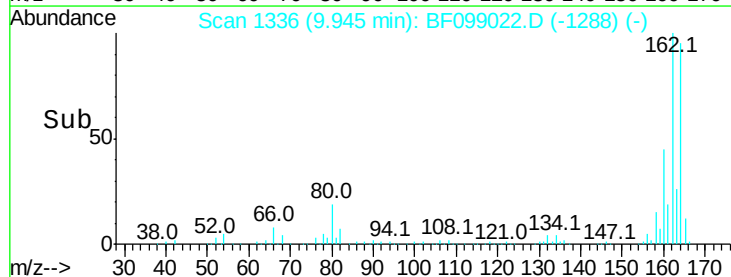
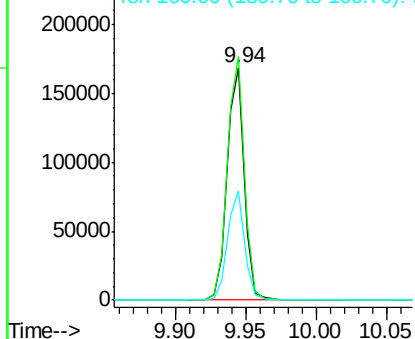


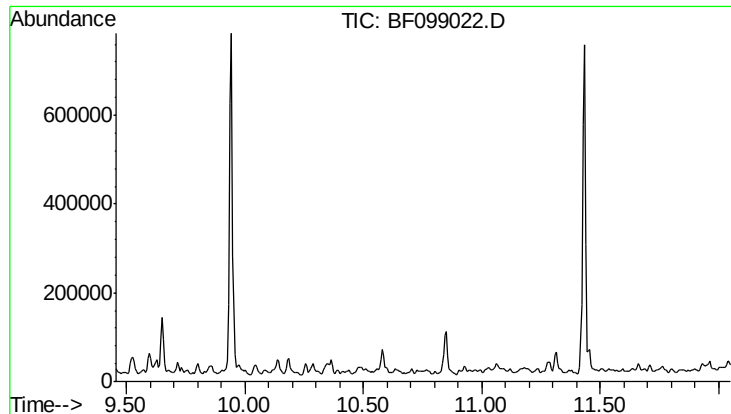
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:164 Resp: 141425
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 46.9 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

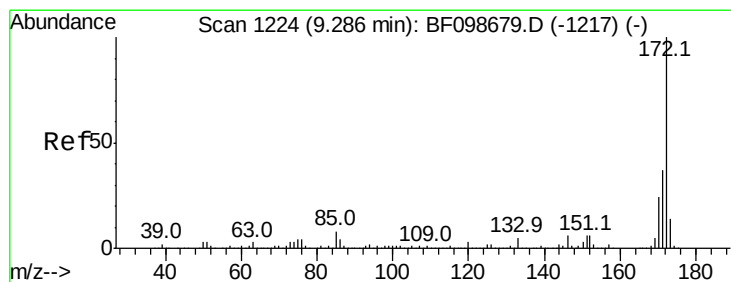
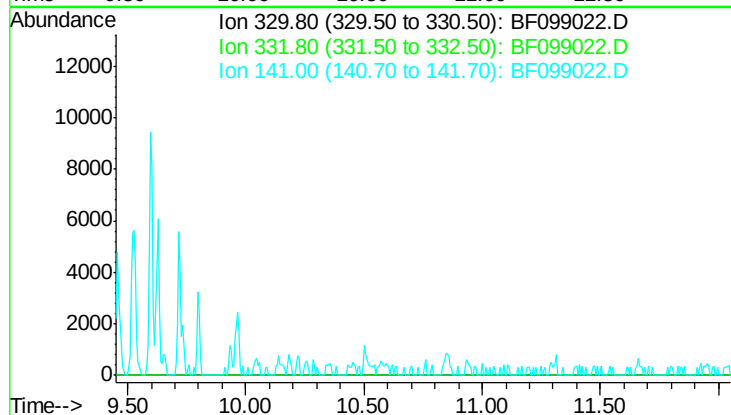




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.75 min
 Lab File: BF099022.D
 Acq: 3 Oct 2017 1:38

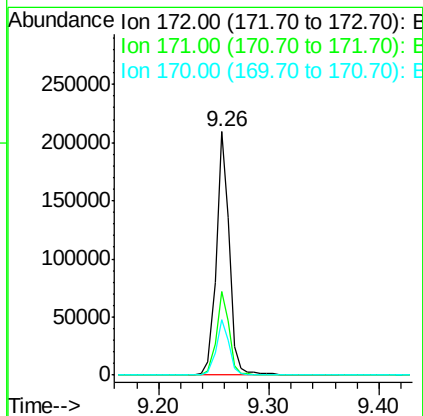
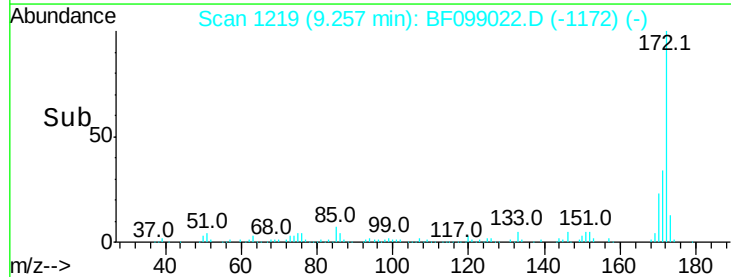
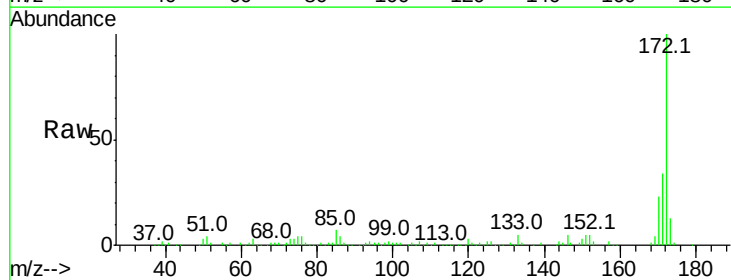
Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-2.5

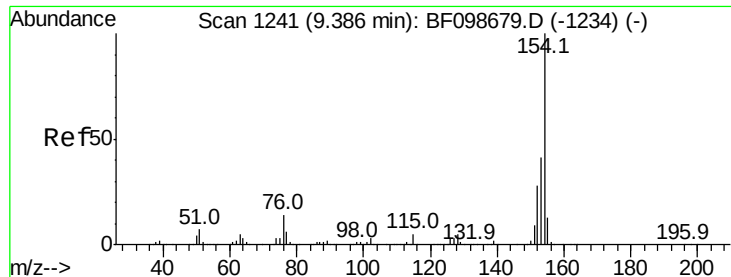
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 20.067 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF099022.D
 Acq: 3 Oct 2017 1:38

Tgt Ion: 172 Resp: 169999
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 22.7 19.6 29.4





#45

1,1'-Biphenyl

Concen: 0.043 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

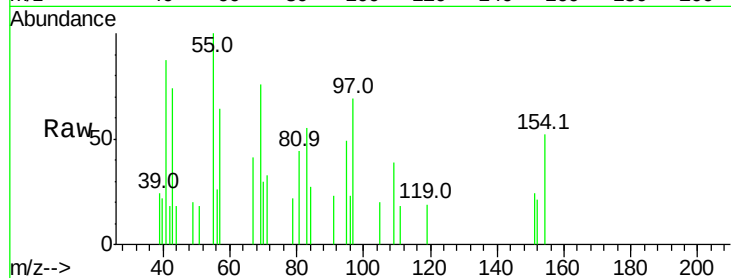
Tot Ion:154 Resp: 521

Ion Ratio Lower Upper

154 100

153 0.0 21.3 61.3#

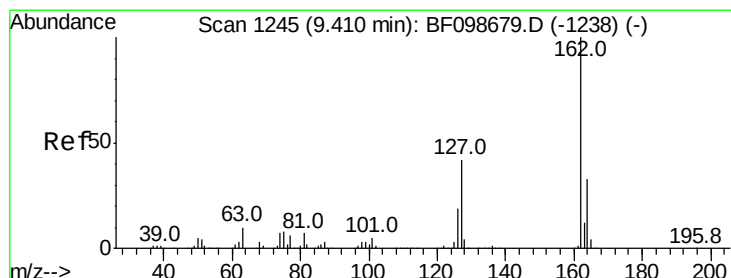
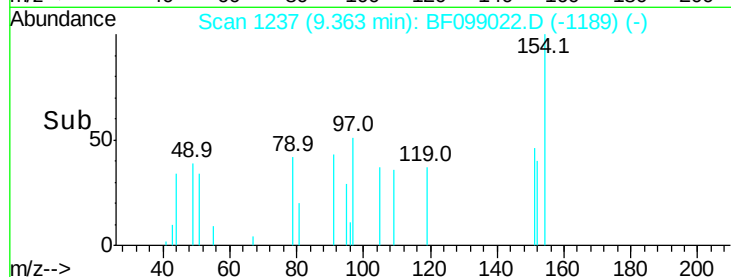
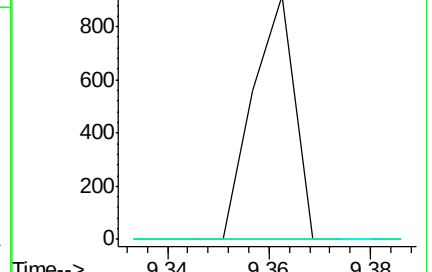
76 0.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 0.012 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

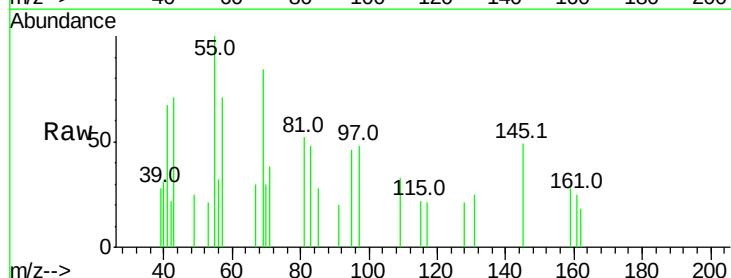
Tgt Ion:162 Resp: 106

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

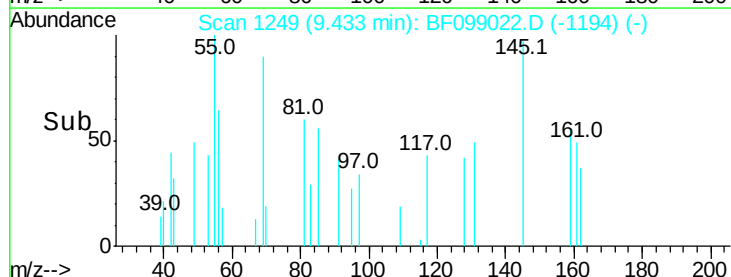
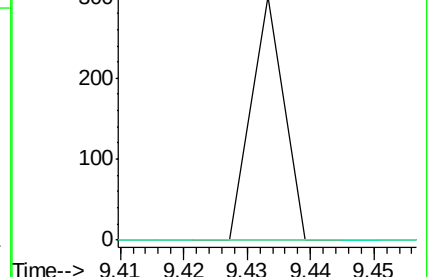
164 0.0 26.5 39.7#

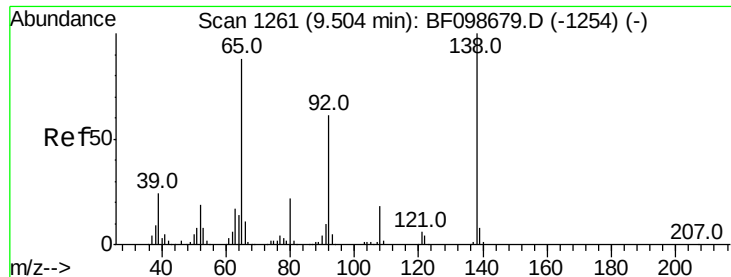


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.045 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

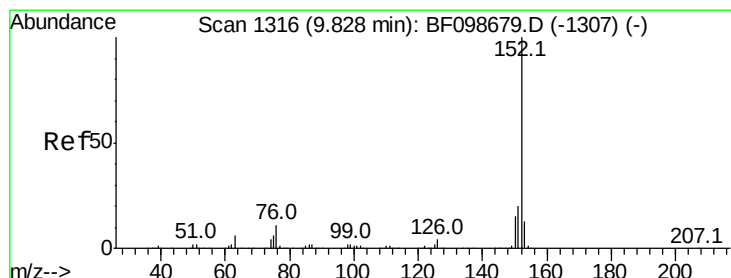
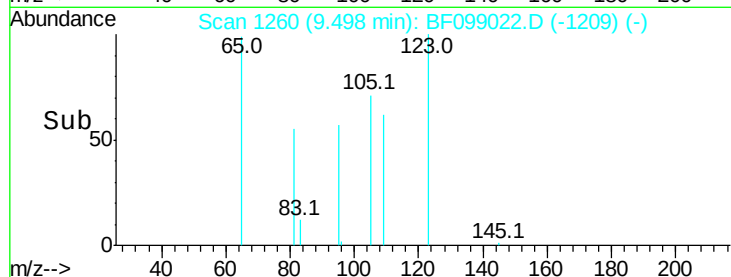
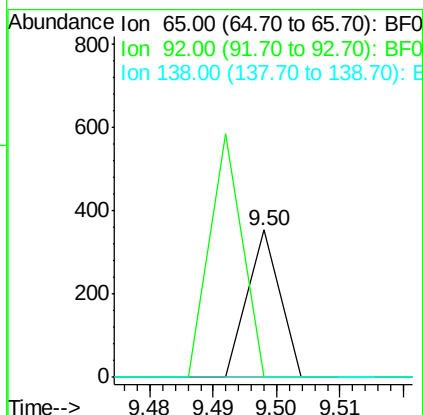
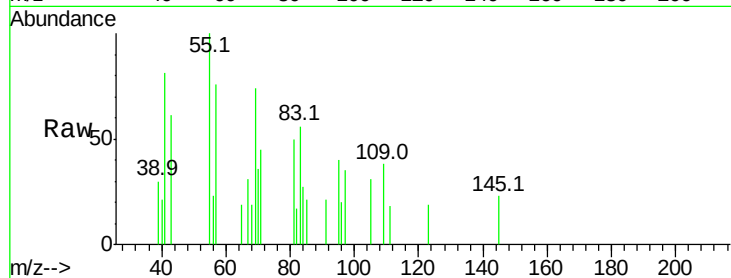
Tot Ion: 65 Resp: 125

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

138 0.0 91.2 136.8#



#48

Acenaphthylene

Concen: 0.130 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

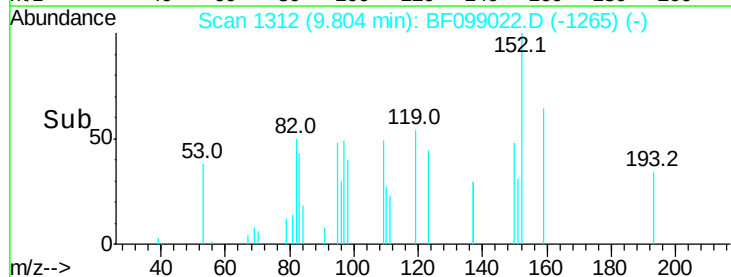
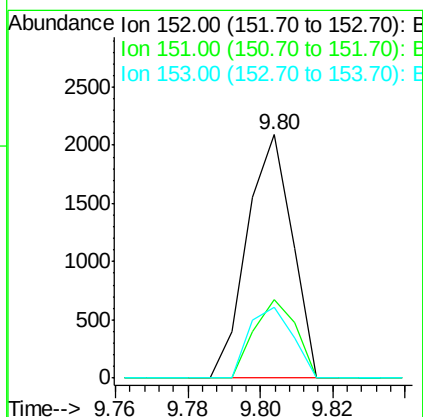
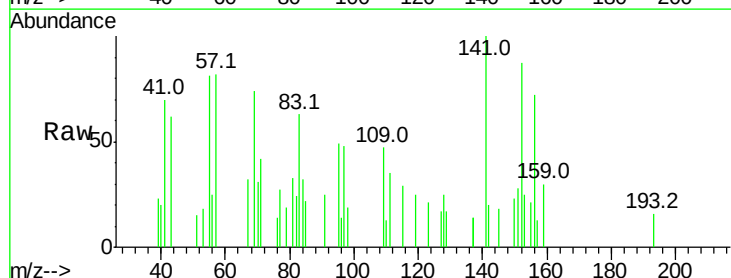
Tgt Ion: 152 Resp: 1822

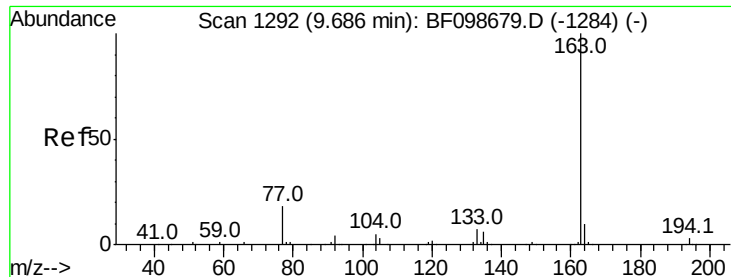
Ion Ratio Lower Upper

152 100

151 32.5 16.3 24.5#

153 29.2 10.7 16.1#

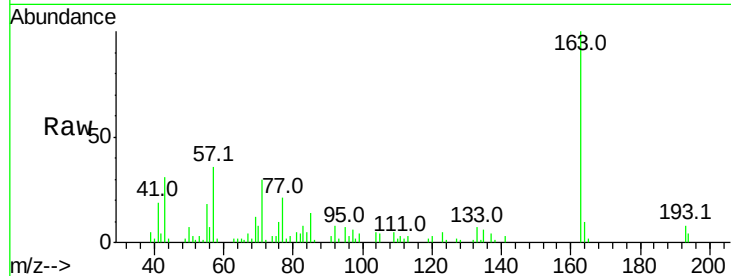




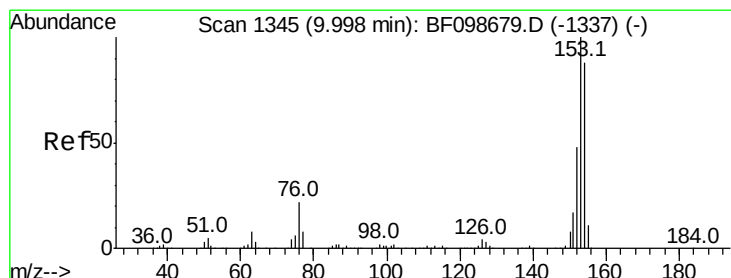
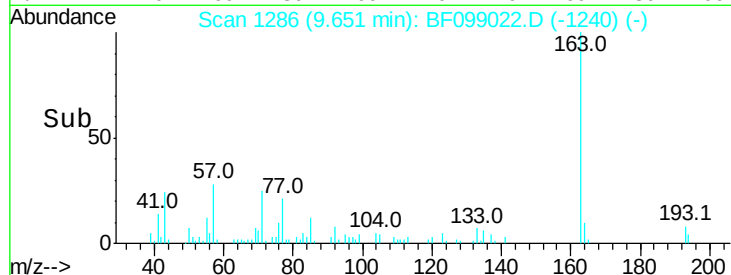
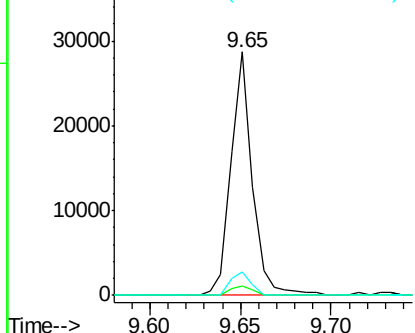
#49
Dimethylphthalate
Concen: 2.221 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

Tot Ion:163 Resp: 23704
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.6 8.2 12.2

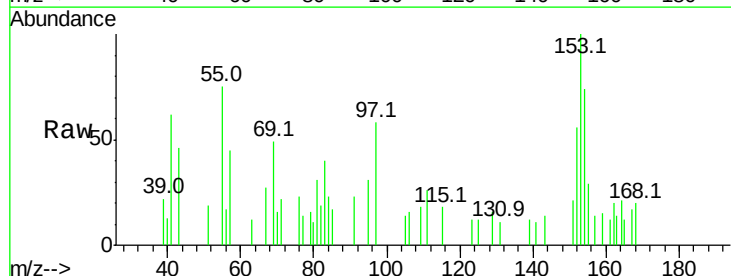


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

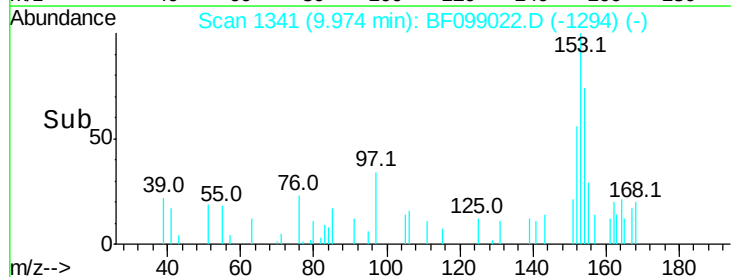
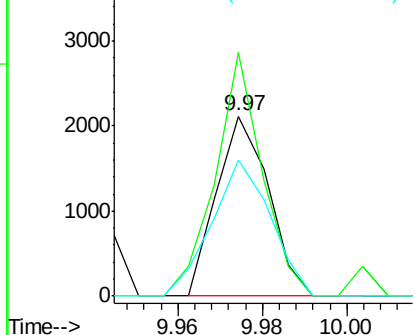


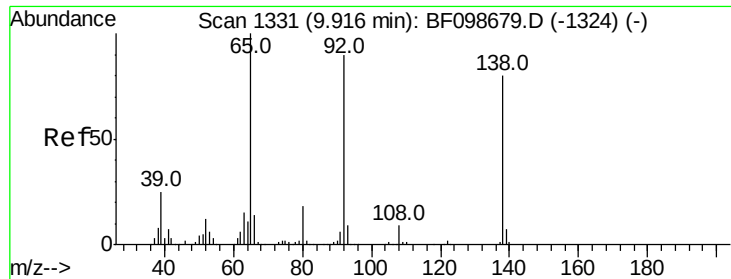
#51
Acenaphthene
Concen: 0.203 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:154 Resp: 1798
Ion Ratio Lower Upper
154 100
153 135.5 91.2 136.8
152 75.9 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

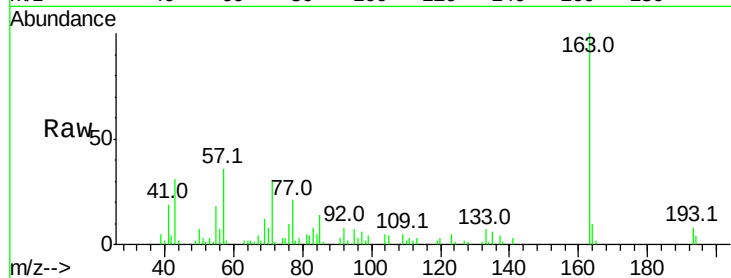




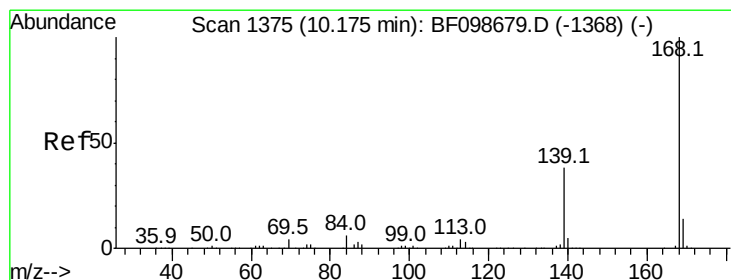
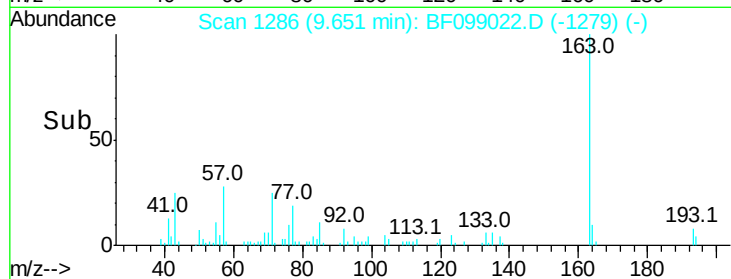
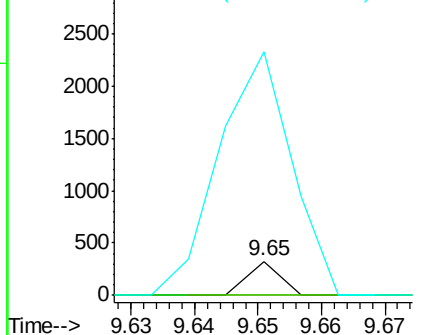
#52
3-Nitroaniline
Concen: 0.042 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.26 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

Tot Ion:138 Resp: 114
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 718.5 89.4 134.2#

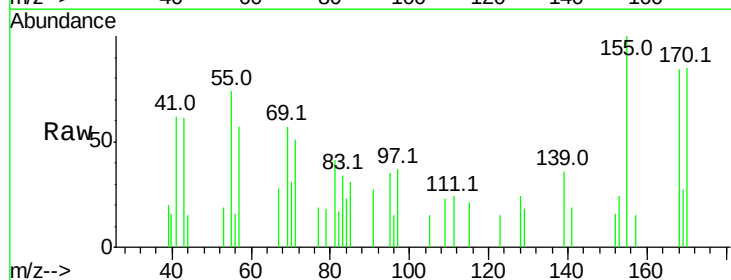


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

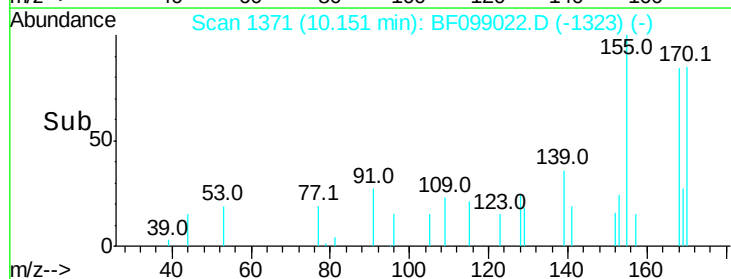
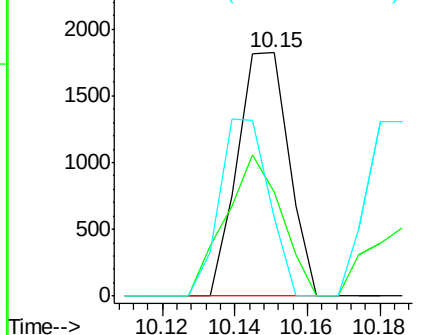


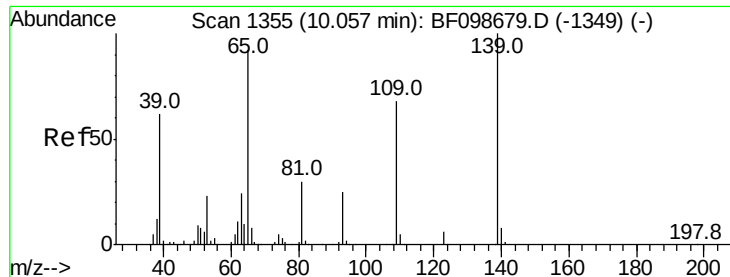
#54
Dibenzofuran
Concen: 0.152 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:168 Resp: 1786
Ion Ratio Lower Upper
168 100
139 42.9 30.1 45.1
169 32.4 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

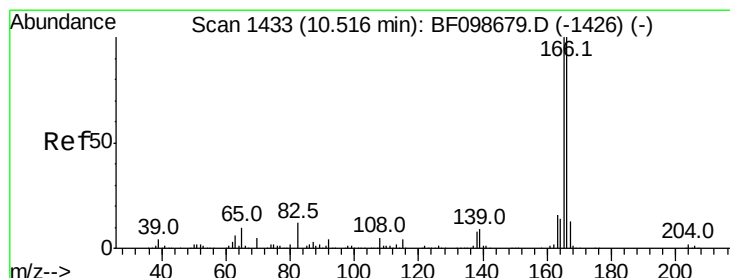
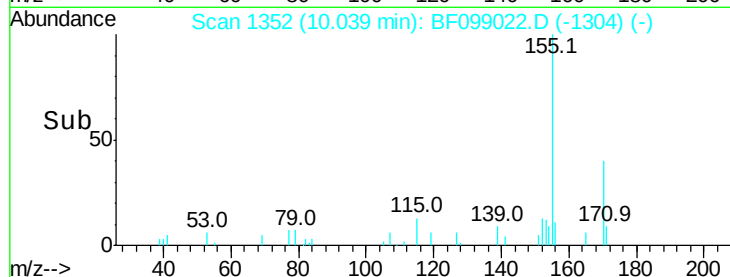
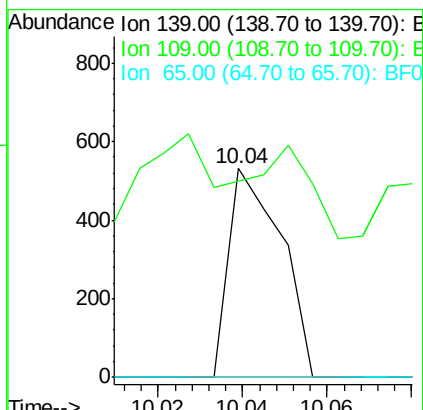
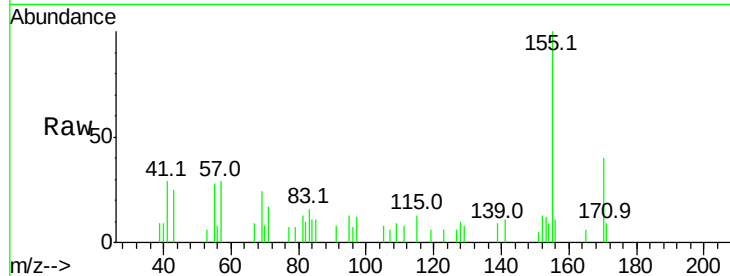




#55
4-Nitrophenol
Concen: 0.200 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

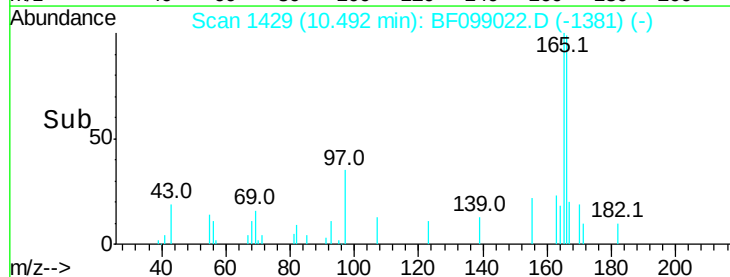
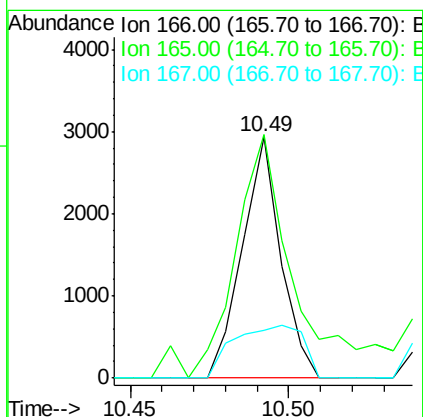
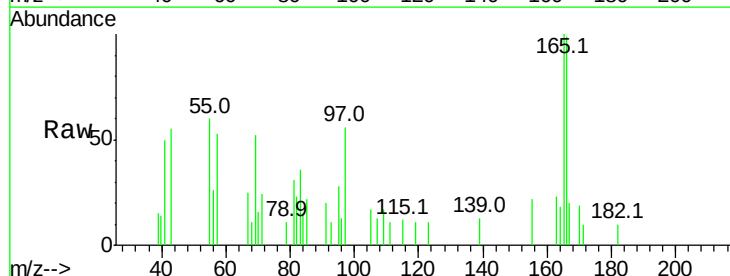
Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

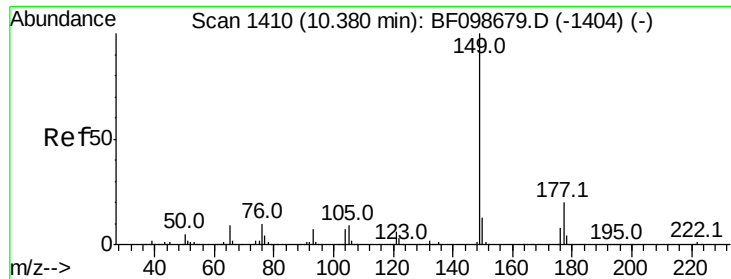
Tot Ion	Ratio	Lower	Upper
139	100		
109	93.8	48.4	88.4#
65	0.0	72.6	112.6#



#57
Fluorene
Concen: 0.261 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	19.8	10.6	16.0#

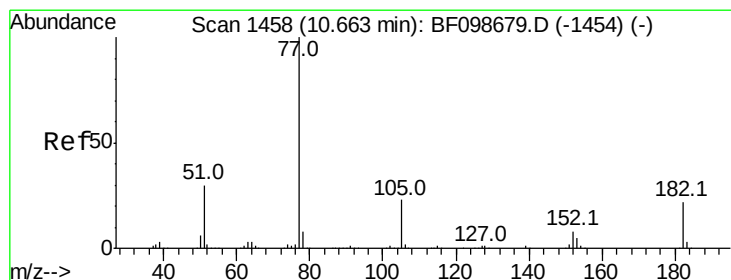
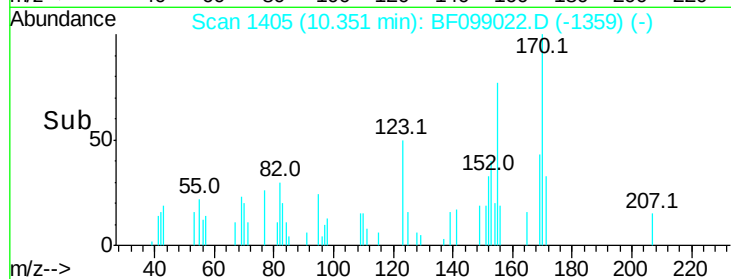
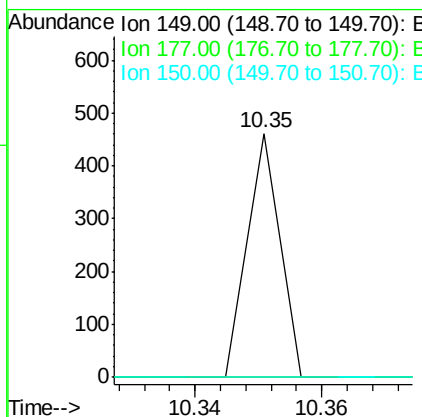
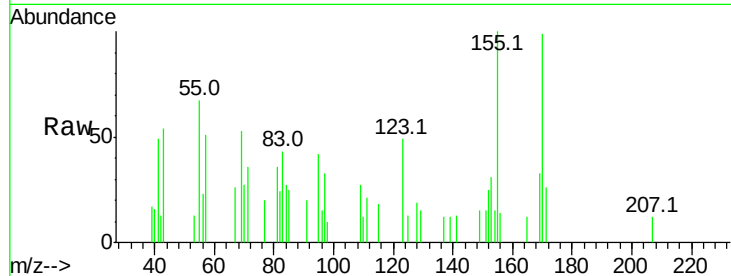




#59
Diethylphthalate
Concen: 0.016 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

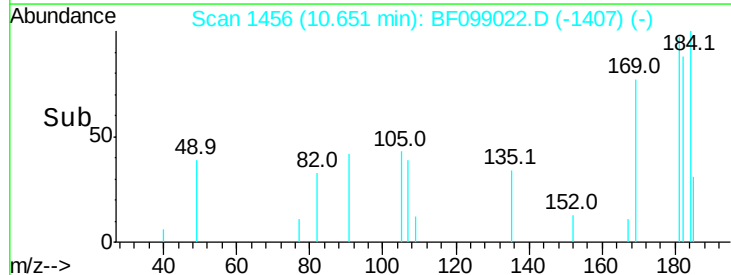
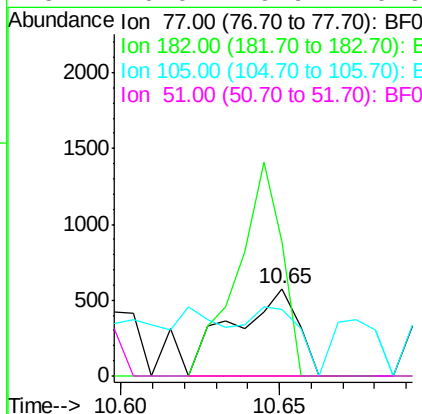
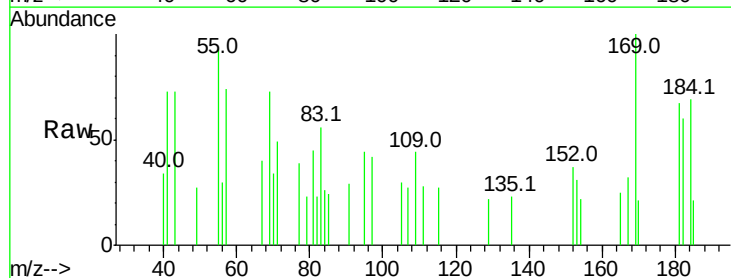
Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

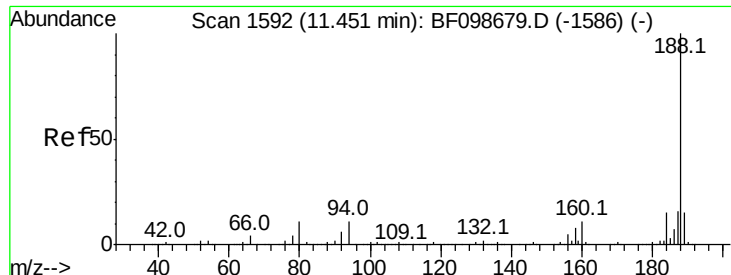
Tot Ion:149 Resp: 163
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.086 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion: 77 Resp: 823
Ion Ratio Lower Upper
77 100
182 153.6 1.7 41.7#
105 75.7 3.0 43.0#
51 0.0 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

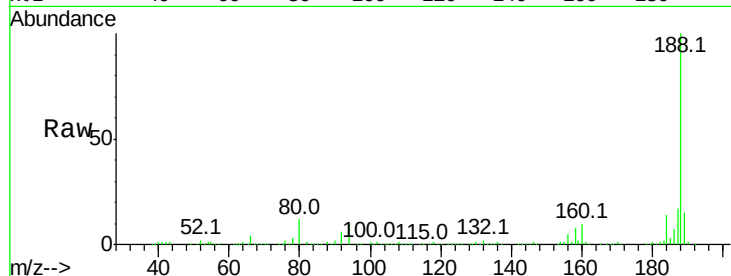
Tot Ion:188 Resp: 244205

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

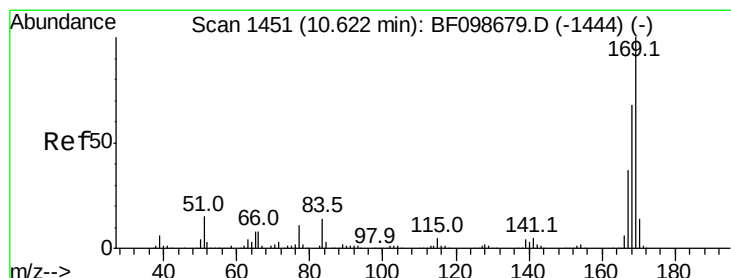
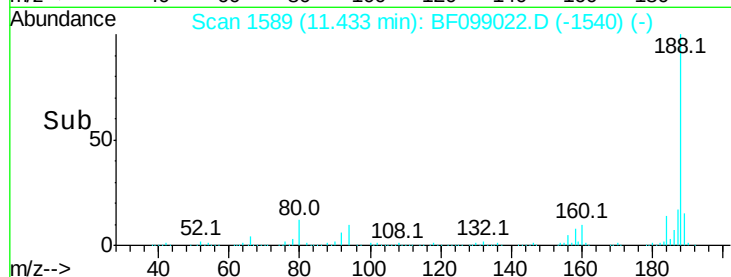
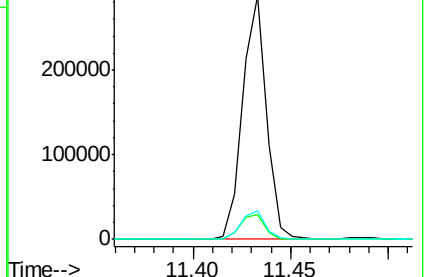
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 0.179 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

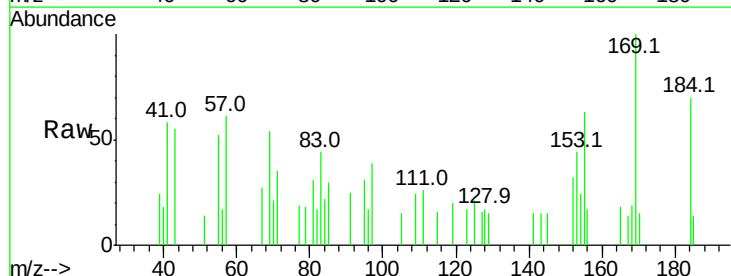
Tgt Ion:169 Resp: 1518

Ion Ratio Lower Upper

169 100

168 19.4 54.4 81.6#

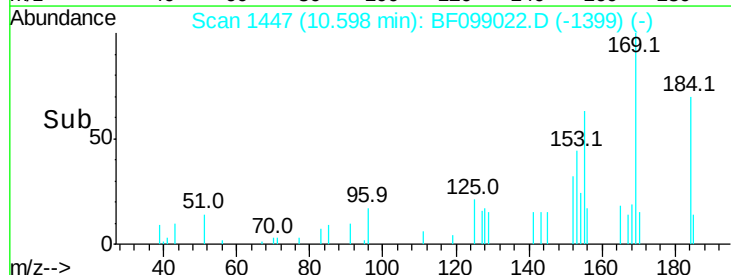
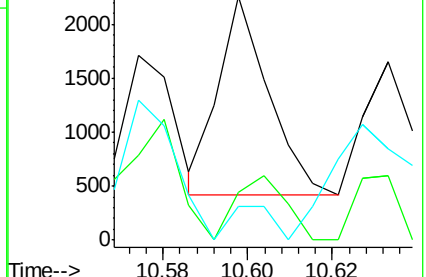
167 14.1 29.8 44.6#

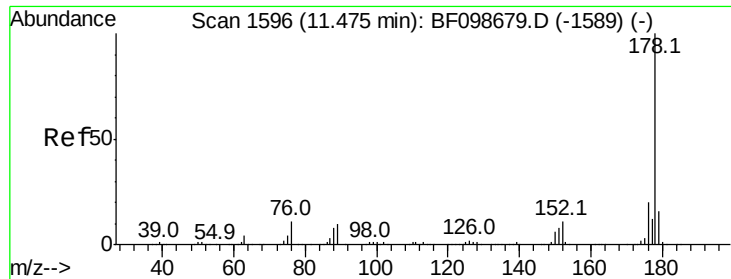


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

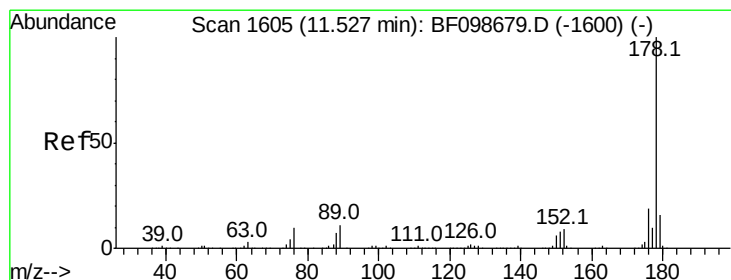
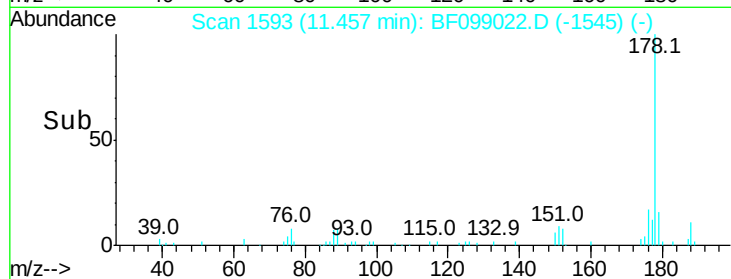
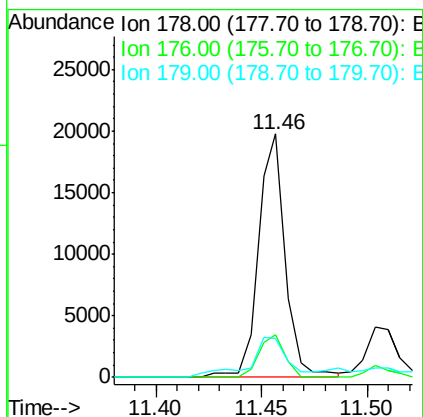
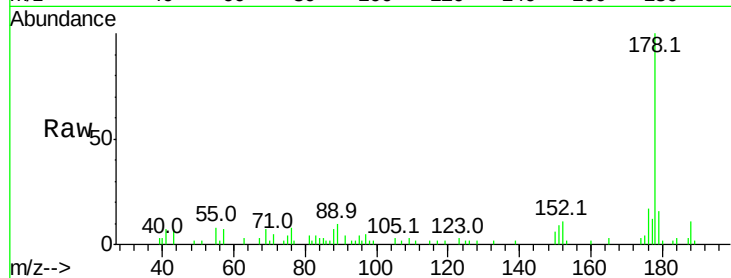




#70
Phenanthrene
Concen: 1.336 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

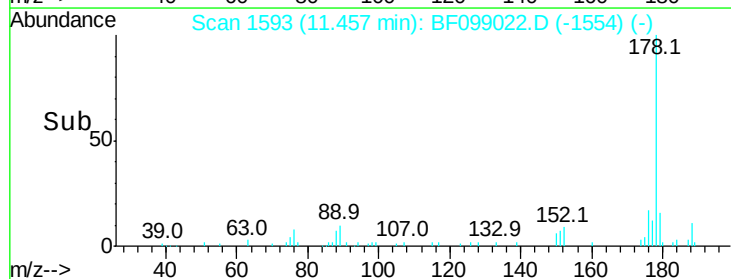
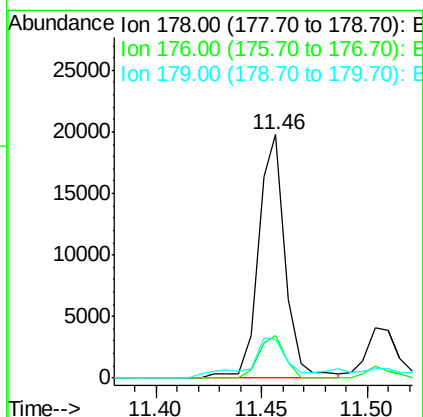
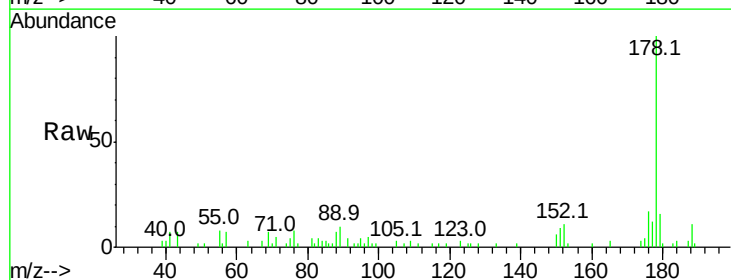
Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

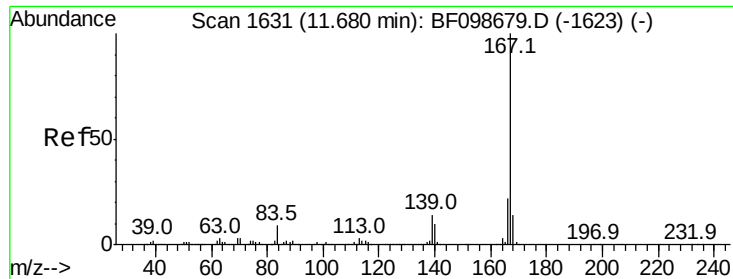
Tot Ion:178 Resp: 17461
Ion Ratio Lower Upper
178 100
176 17.3 15.8 23.8
179 16.0 13.0 19.6



#71
Anthracene
Concen: 1.306 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.07 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:178 Resp: 17461
Ion Ratio Lower Upper
178 100
176 17.3 15.4 23.2
179 16.0 12.6 19.0





#72

Carbazole

Concen: 0.088 ng

RT: 11.66 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

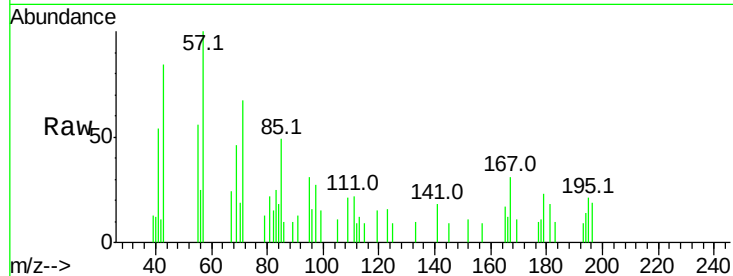
Tot Ion:167 Resp: 1153

Ion Ratio Lower Upper

167 100

166 40.3 17.6 26.4#

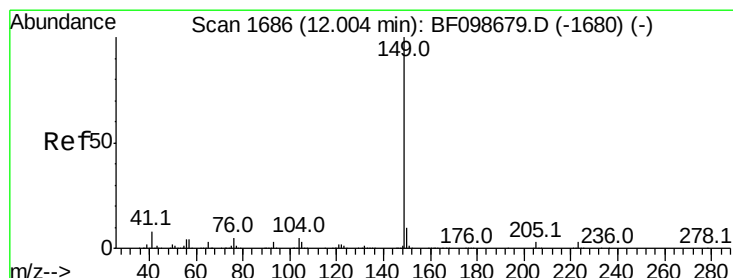
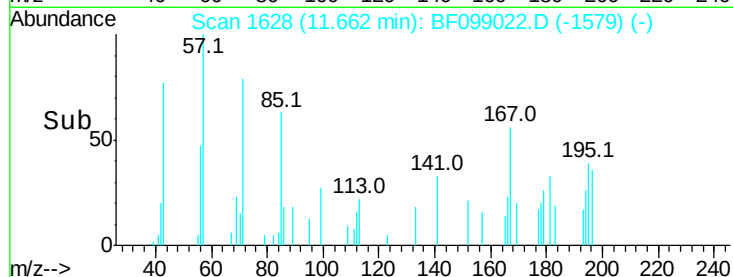
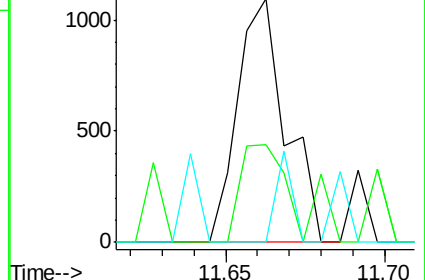
139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.199 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

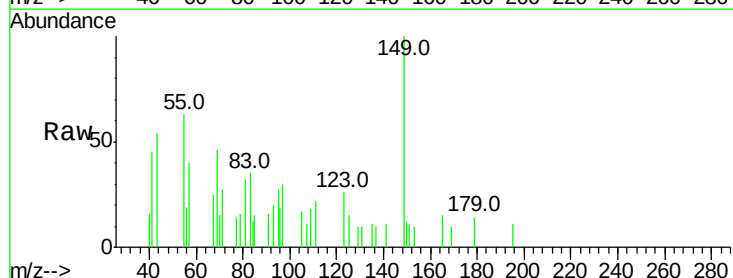
Tgt Ion:149 Resp: 3130

Ion Ratio Lower Upper

149 100

150 11.9 7.8 11.6#

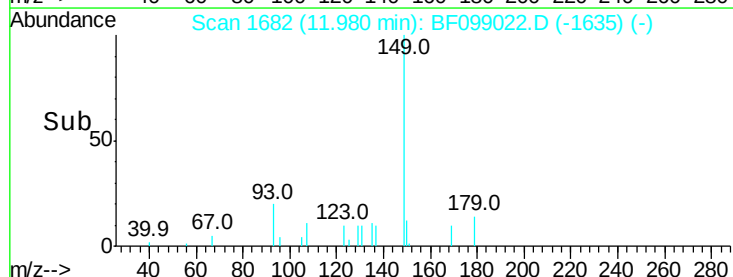
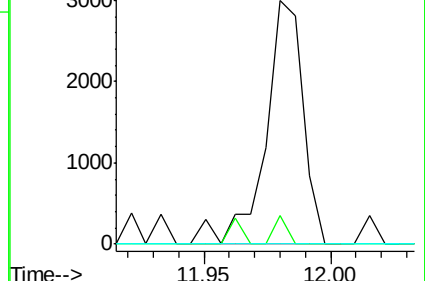
104 0.0 3.8 5.8#

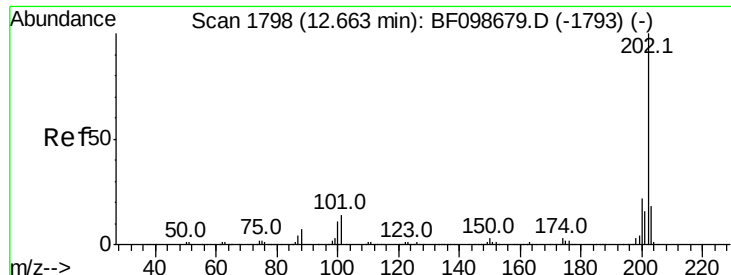


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

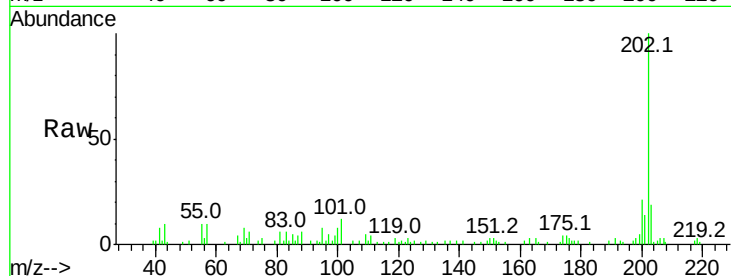




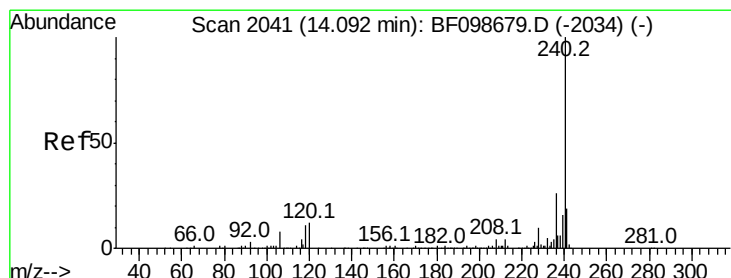
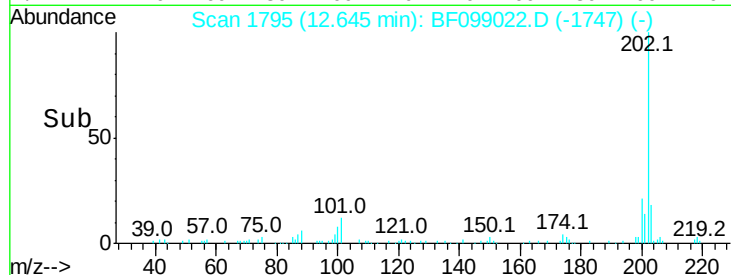
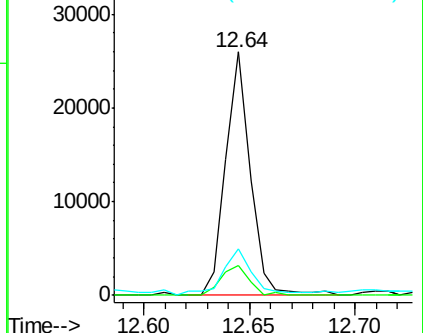
#74
Fluoranthene
Concen: 1.591 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	18.9	0.0	38.1

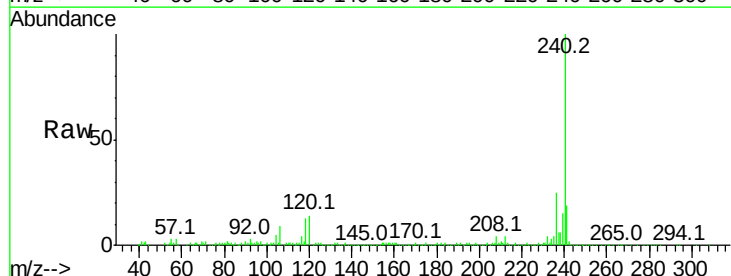


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

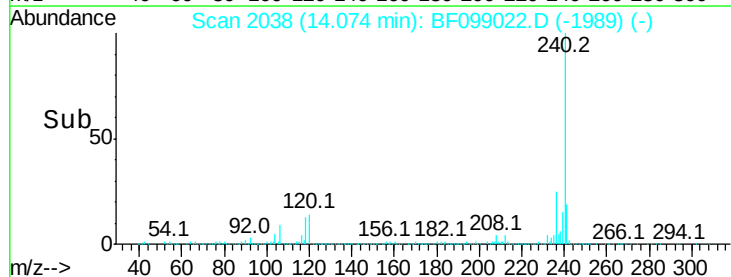
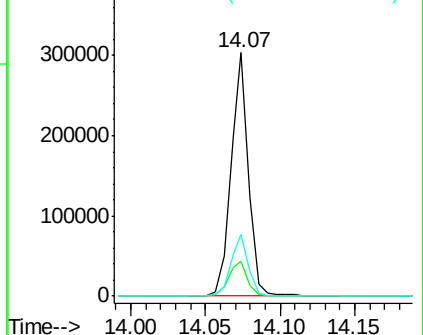


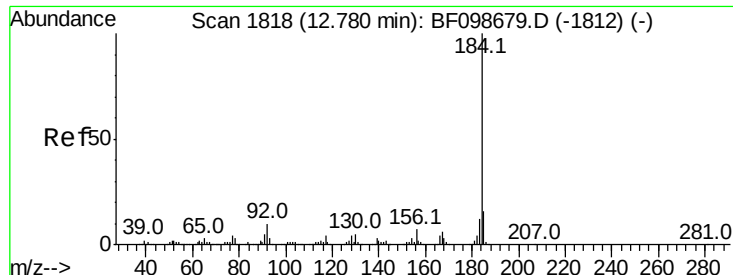
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3
236	25.2	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: 0.012 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

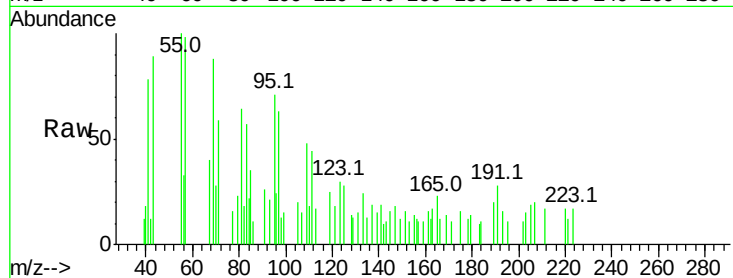
Tot Ion:184 Resp: 115

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

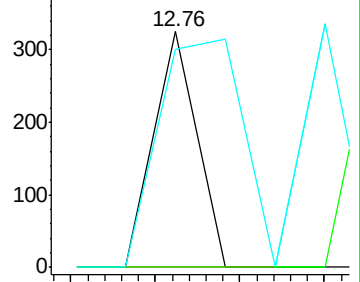
183 92.3 9.3 13.9#



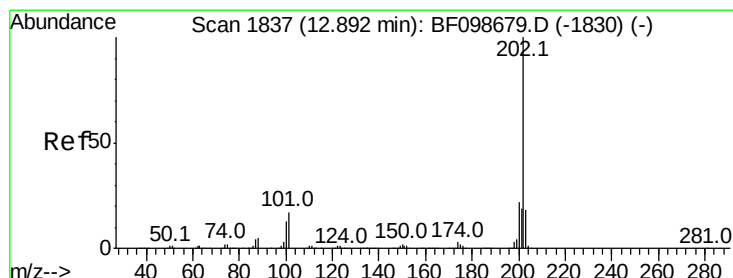
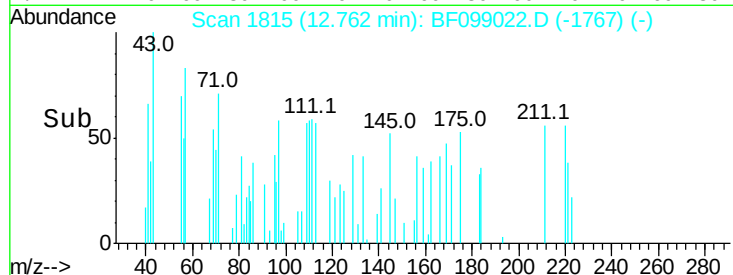
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.75 12.76 12.77



#77

Pyrene

Concen: 1.156 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

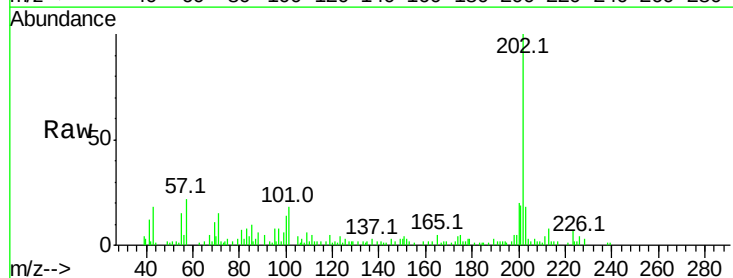
Tgt Ion:202 Resp: 22052

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

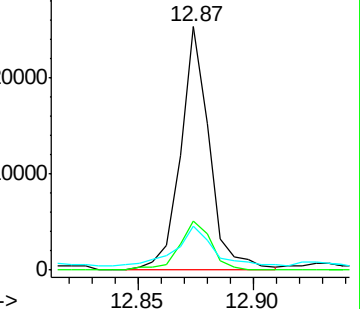
203 18.2 14.3 21.5



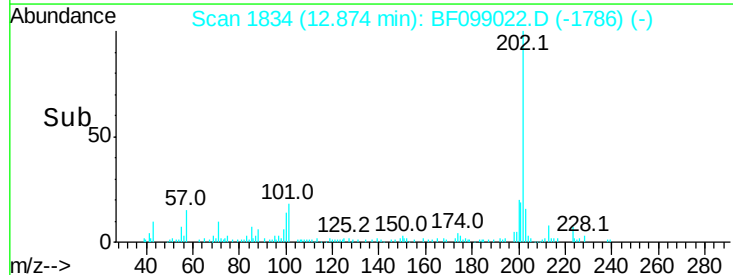
Abundance Ion 202.00 (201.70 to 202.70): E

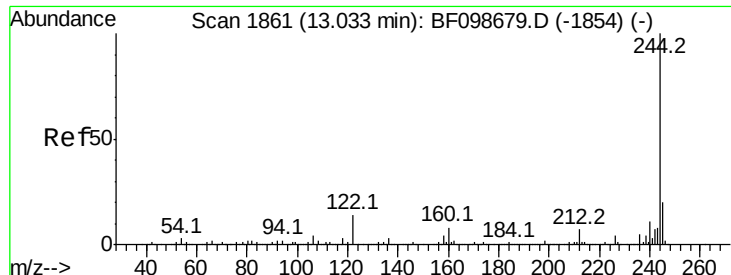
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.85 12.90





#78

Terphenyl-d14

Concen: 13.893 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

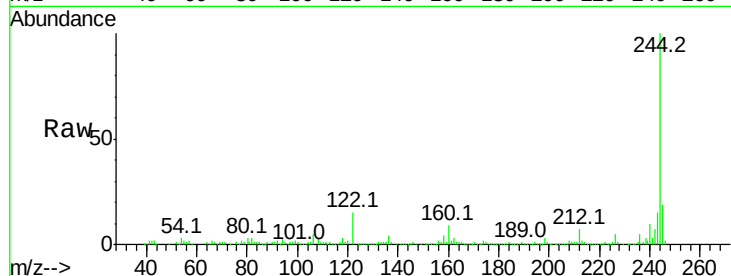
Tot Ion:244 Resp: 152802

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

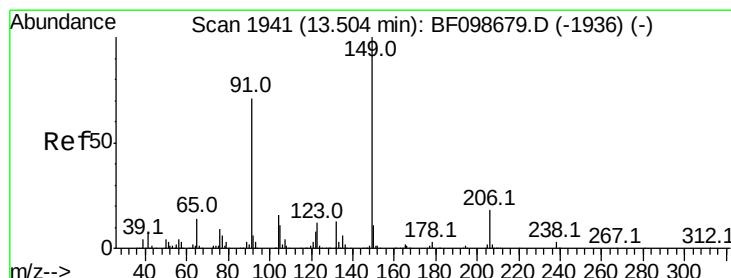
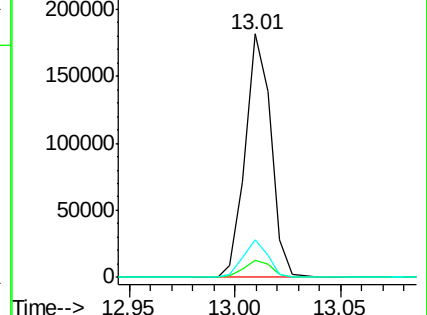
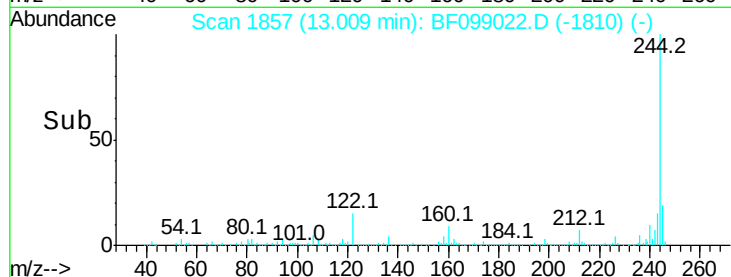
122 15.5 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 0.018 ng

RT: 13.50 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

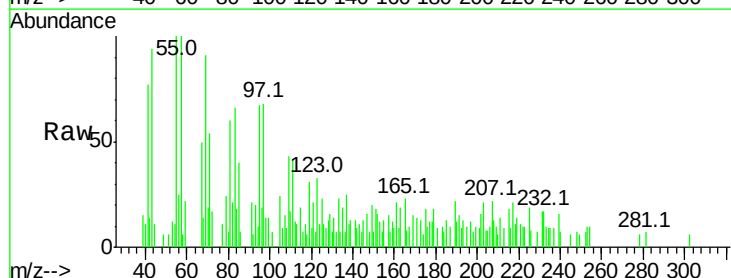
Tgt Ion:149 Resp: 157

Ion Ratio Lower Upper

149 100

91 104.8 56.8 85.2#

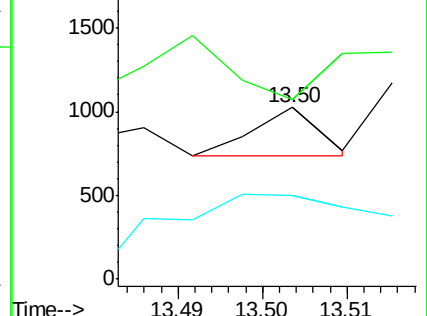
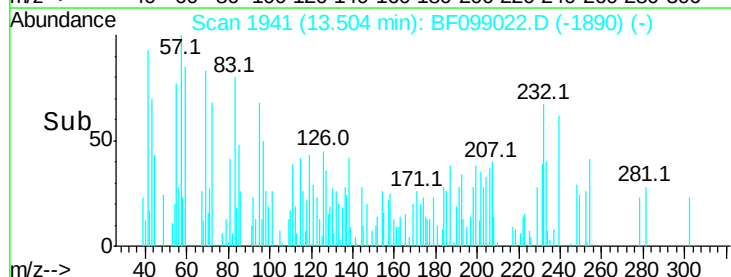
206 48.4 14.1 21.1#

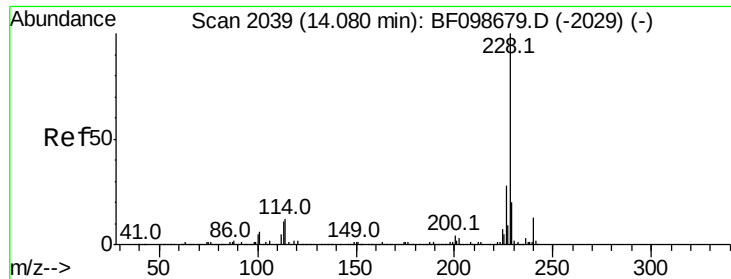


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

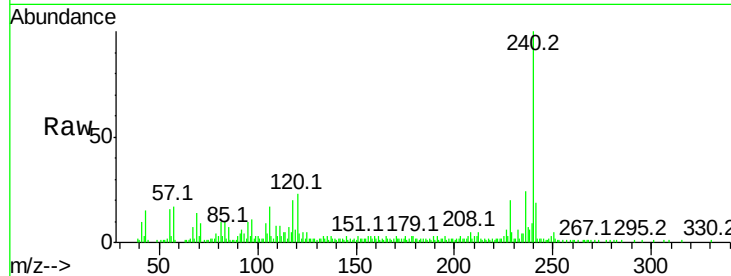




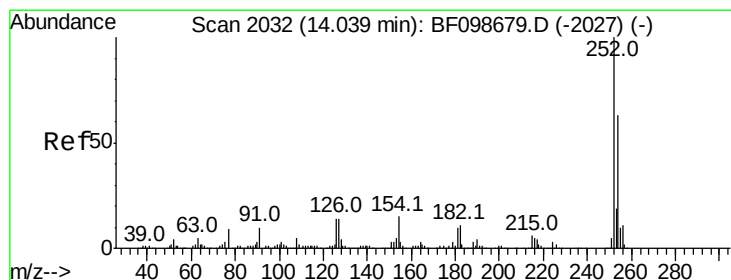
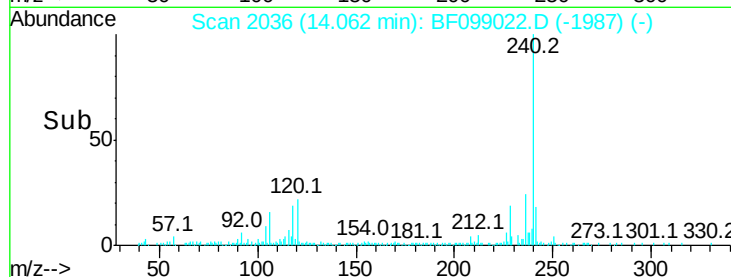
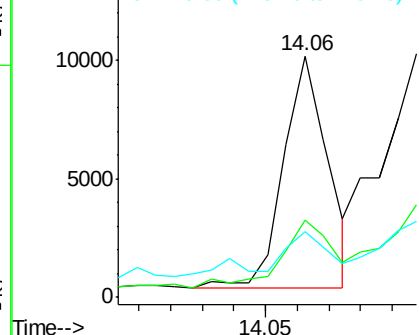
#80
Benzo(a)anthracene
Concen: 0.634 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

Tot Ion:228 Resp: 9603
Ion Ratio Lower Upper
228 100
226 31.7 22.6 33.8
229 27.2 15.8 23.6#

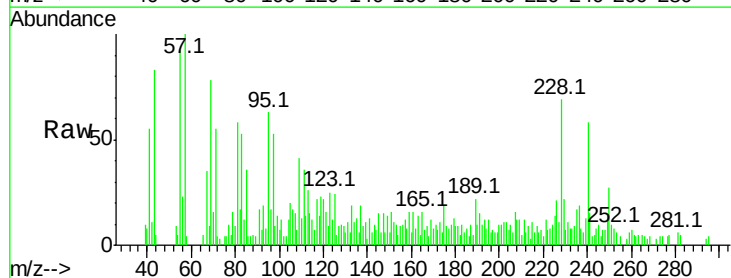


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

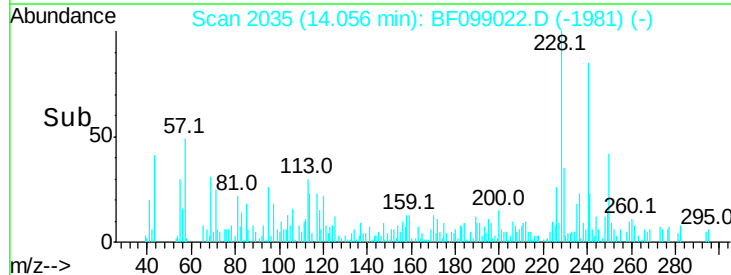
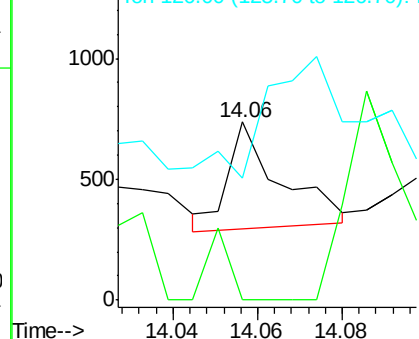


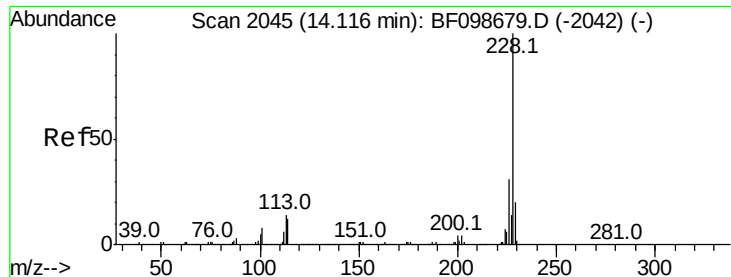
#81
3,3'-Dichlorobenzidine
Concen: 0.069 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:252 Resp: 385
Ion Ratio Lower Upper
252 100
254 0.0 50.4 75.6#
126 68.7 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.837 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

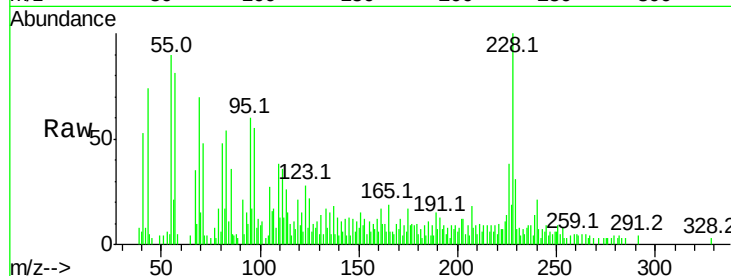
Tot Ion:228 Resp: 12067

Ion Ratio Lower Upper

228 100

226 38.2 25.0 37.6#

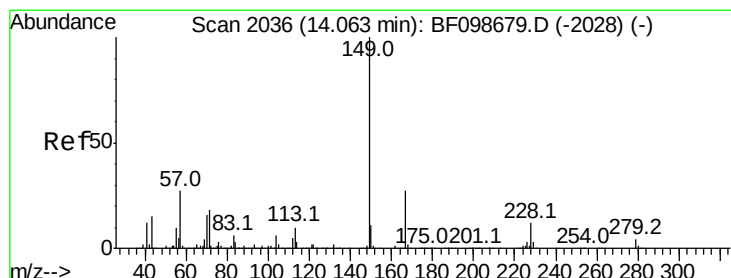
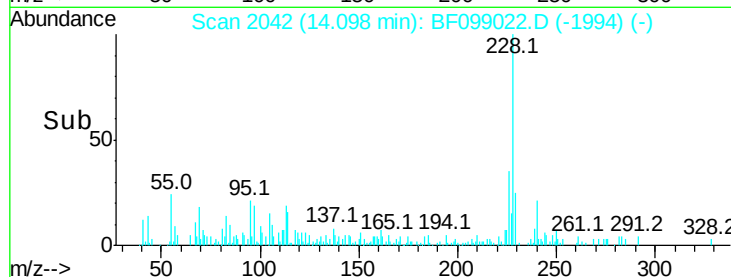
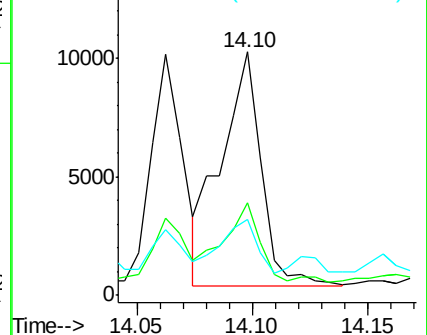
229 31.0 16.2 24.4#



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: 0.283 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

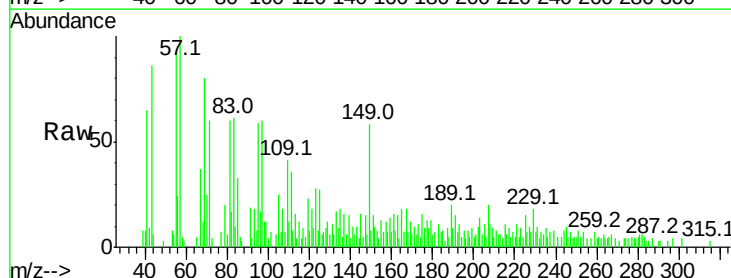
Tgt Ion:149 Resp: 3493

Ion Ratio Lower Upper

149 100

167 31.6 21.3 31.9

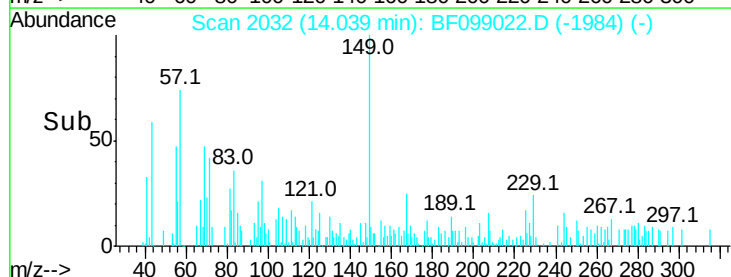
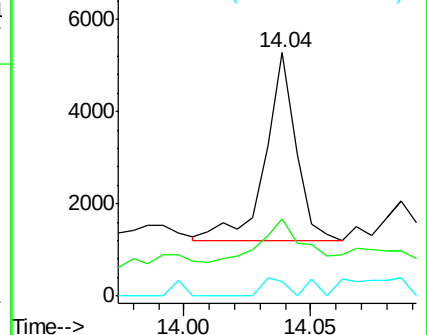
279 6.2 3.0 4.4#

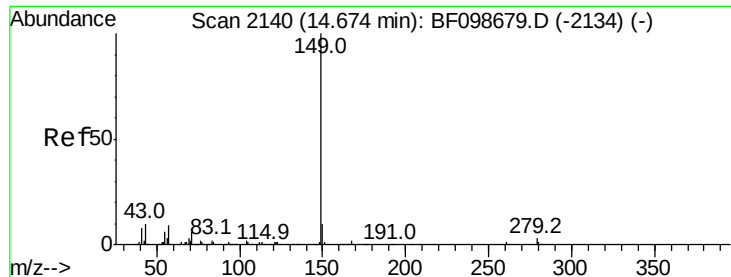


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

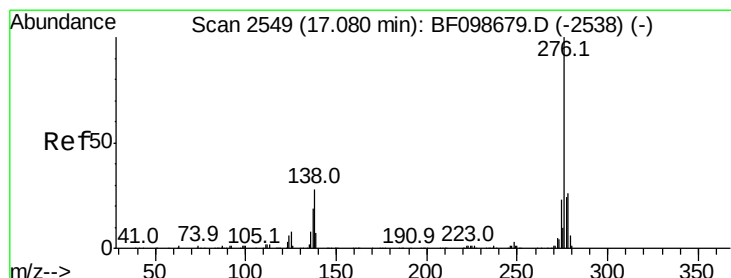
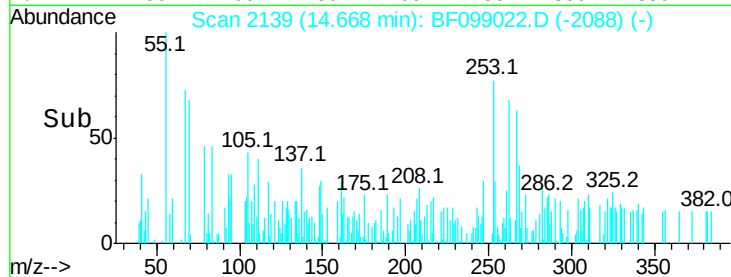
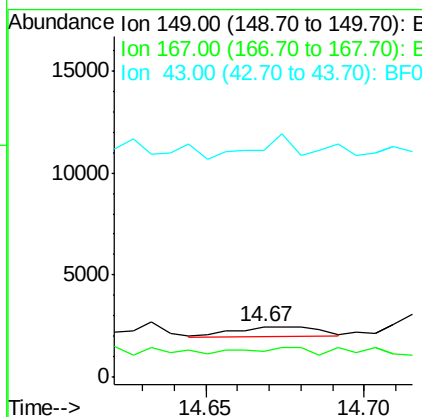
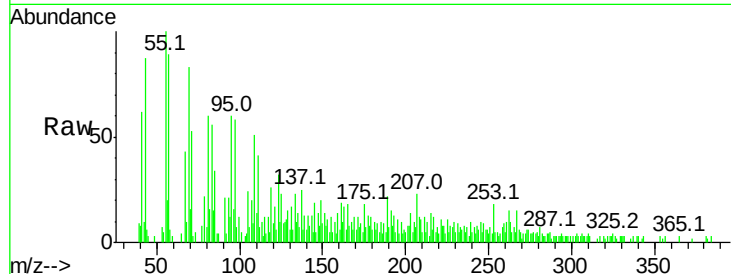




#84
Di-n-octyl phthalate
Concen: 0.045 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

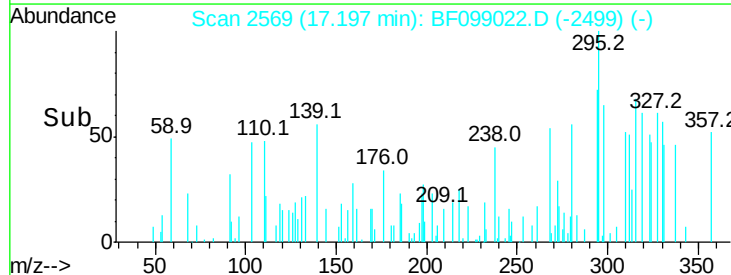
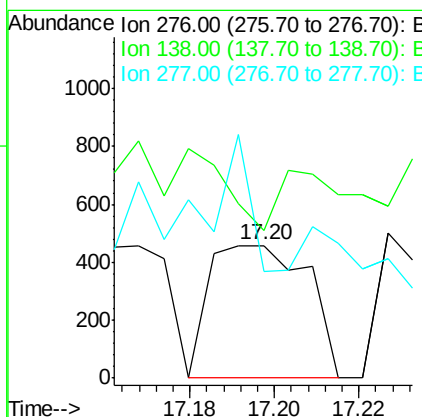
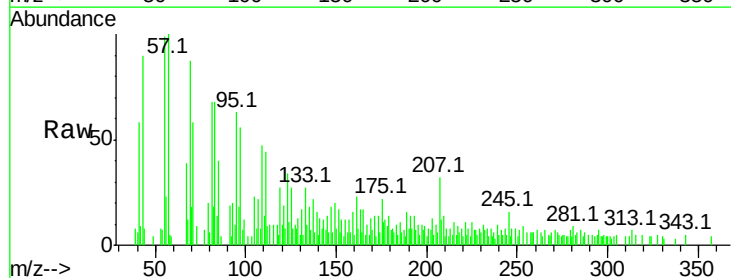
Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

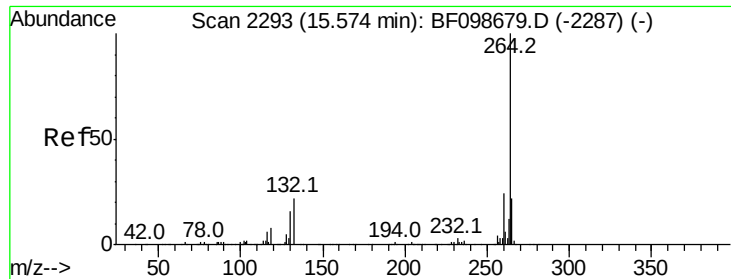
Tot Ion:149 Resp: 893
Ion Ratio Lower Upper
149 100
167 58.6 1.2 1.8#
43 50.4 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.11 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:276 Resp: 743
Ion Ratio Lower Upper
276 100
138 35.0 25.0 37.6
277 25.4 20.1 30.1

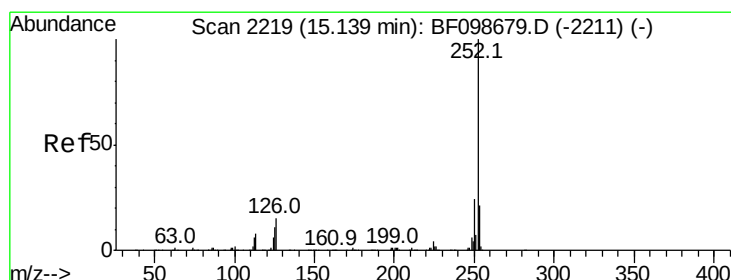
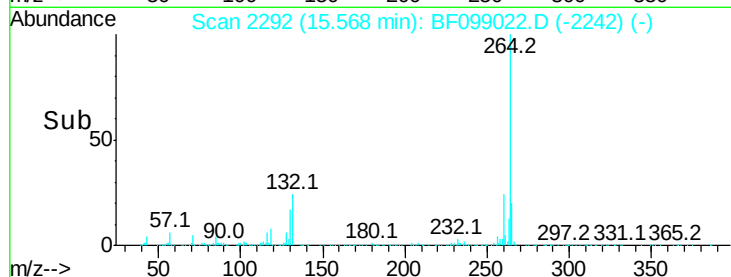
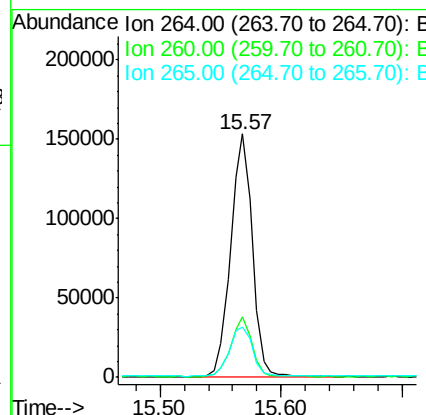
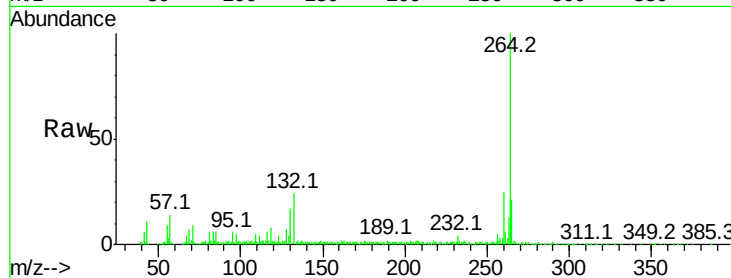




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

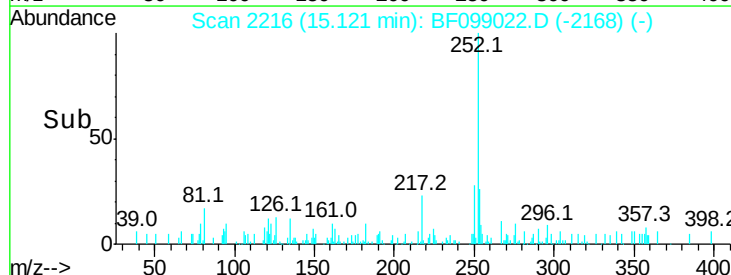
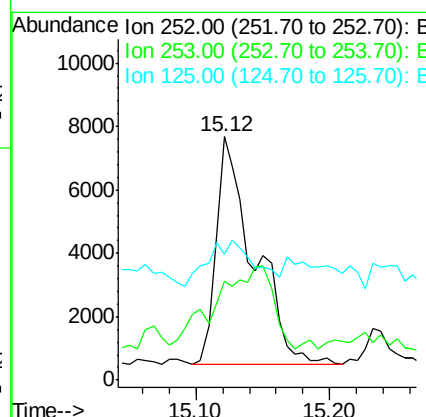
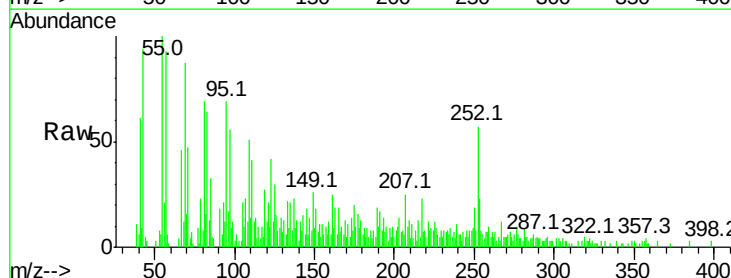
Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

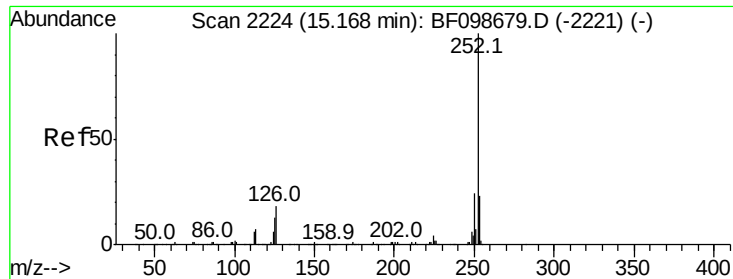
Tot Ion:264 Resp: 189903
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 20.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 1.212 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:252 Resp: 14157
Ion Ratio Lower Upper
252 100
253 40.5 17.0 25.6#
125 51.7 9.0 13.6#

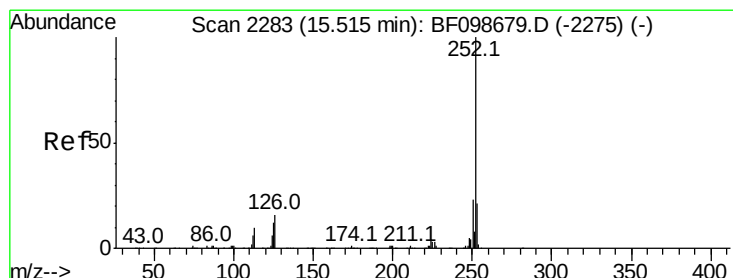
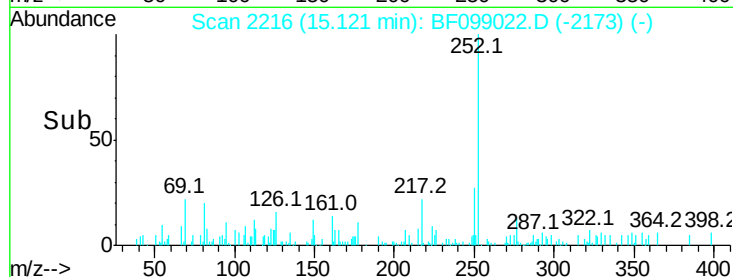
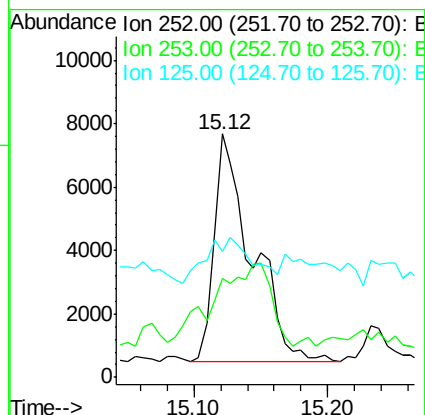
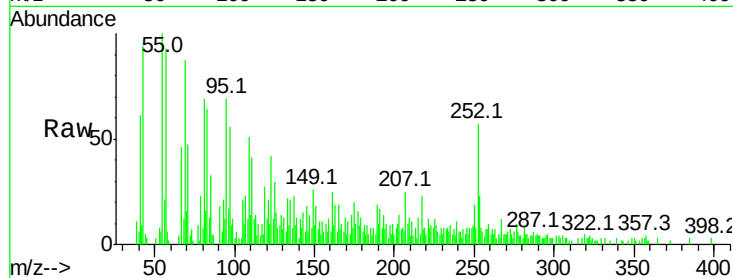




#88
Benzo(k)fluoranthene
Concen: 1.228 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

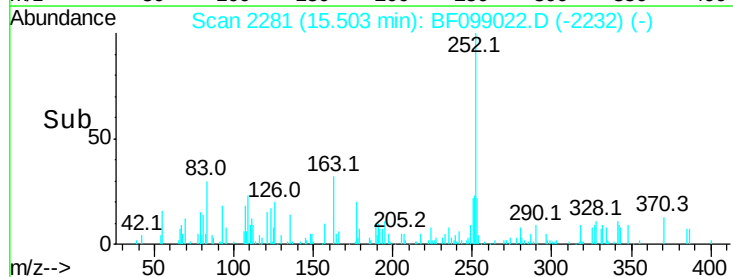
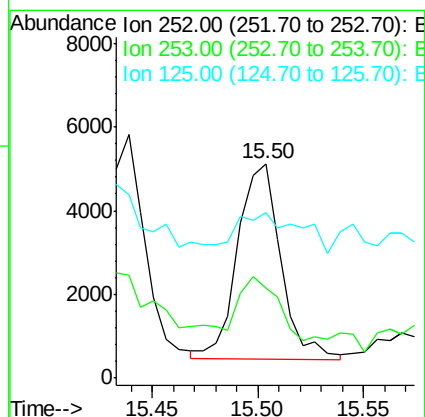
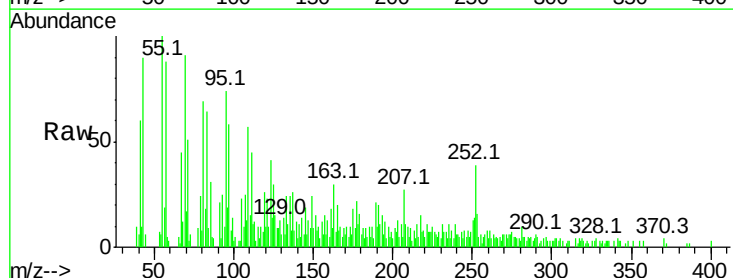
Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5

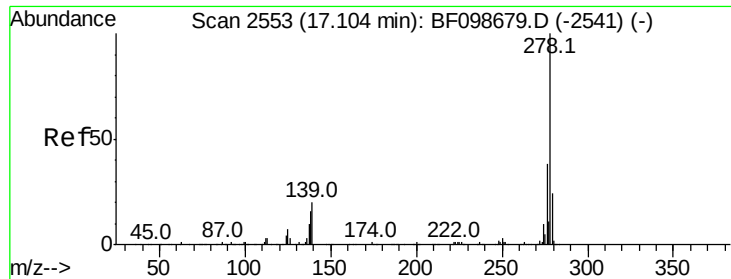
Tot Ion:252 Resp: 14157
Ion Ratio Lower Upper
252 100
253 40.5 17.9 26.9#
125 51.7 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.620 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF099022.D
Acq: 3 Oct 2017 1:38

Tgt Ion:252 Resp: 6643
Ion Ratio Lower Upper
252 100
253 41.9 17.1 25.7#
125 77.0 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.303 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.02 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5

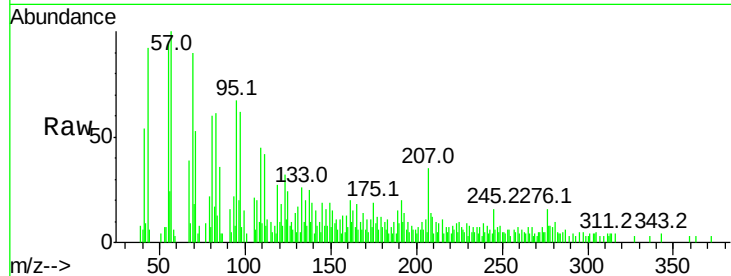
Tot Ion:278 Resp: 2595

Ion Ratio Lower Upper

278 100

139 233.5 15.9 23.9#

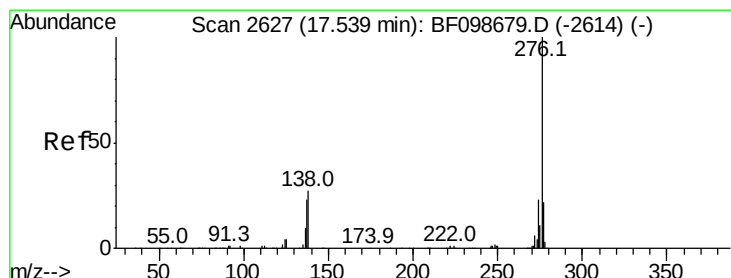
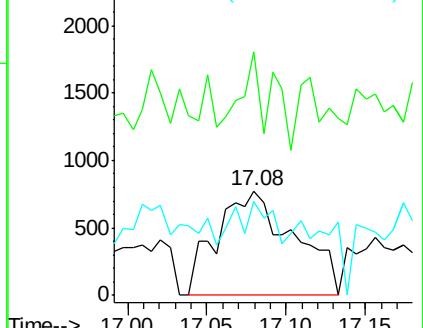
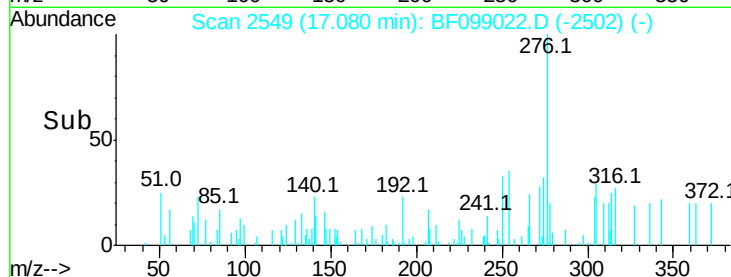
279 89.7 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.603 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BF099022.D

Acq: 3 Oct 2017 1:38

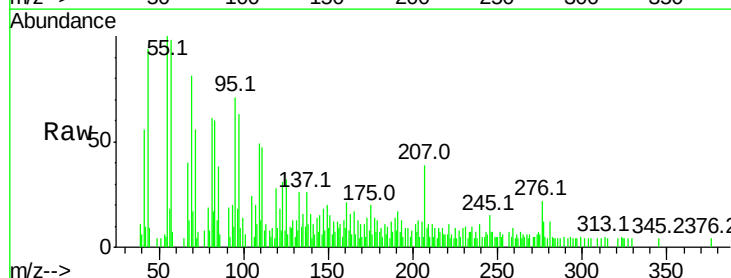
Tgt Ion:276 Resp: 5115

Ion Ratio Lower Upper

276 100

277 53.3 17.9 26.9#

138 47.4 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

