

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099862.D
 Acq On : 26 Oct 2017 15:34
 Operator : SJ/JU
 Sample : I6068-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 16:34:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61814	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	245302	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	102323	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	181061	20.00	ng	0.02
75) Chrysene-d12	13.99	240	168186	20.00	ng	0.00
86) Perylene-d12	15.47	264	164683	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	426531	108.33	ng	0.00
7) Phenol-d6	6.44	99	512338	109.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	281781	73.95	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	106593	114.31	ng	0.02
44) 2-Fluorobiphenyl	9.16	172	520516	78.48	ng	0.00
78) Terphenyl-d14	12.93	244	473687	61.55	ng	0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.57	77	8723	3.127	ng	82
10) Phenol	6.45	94	25596	4.994	ng	92
12) 1,3-Dichlorobenzene	6.96	146	13015	2.762	ng	95
14) 1,2-Dichlorobenzene	6.96	146	13015	2.986	ng	# 84
15) Benzyl Alcohol	6.95	79	6368	2.145	ng	# 28
18) Hexachloroethane	7.28	117	7815	4.898	ng	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	6071	2.219	ng	# 57
22) Acetophenone	7.18	105	80738	14.455	ng	# 57
25) Isophorone	7.59	82	17393	2.516	ng	# 1
31) Naphthalene	8.10	128	52346	4.421	ng	# 85
35) Caprolactam	8.53	113	5237	4.948	ng	# 1
37) 2-Methylnaphthalene	8.80	142	310340	39.110	ng	98
47) 2-Nitroaniline	9.43	65	5171	2.931	ng	# 51
49) Dimethylphthalate	9.56	163	19040	2.350	ng	# 73
51) Acenaphthene	9.88	154	25150	3.975	ng	# 74
52) 3-Nitroaniline	9.82	138	4346	2.165	ng	# 24
53) 2,4-Dinitrophenol	9.91	184	377	6.281	ng	# 1
54) Dibenzofuran	10.06	168	33088	3.705	ng	# 6
55) 4-Nitrophenol	9.99	139	2893	2.759	ng	# 1
56) 2,4-Dinitrotoluene	10.05	165	13936	6.793	ng	# 64
57) Fluorene	10.40	166	65961	8.921	ng	# 90
62) Azobenzene	10.57	77	46778	7.052	ng	# 1
65) n-Nitrosodiphenylamine	10.54	169	55242	8.265	ng	# 53
70) Phenanthrene	11.38	178	207498	20.307	ng	96
71) Anthracene	11.38	178	207069	19.964	ng	95
73) Di-n-butylphthalate	11.90	149	26321	2.116	ng	# 86
74) Fluoranthene	12.57	202	51649	4.864	ng	97
77) Pyrene	12.57	202	51649	4.039	ng	95
79) Butylbenzylphthalate	13.39	149	54330	8.627	ng	95
82) Chrysene	14.02	228	20450	2.040	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.95	149	439300	49.673	ng	98
84) Di-n-octyl phthalate	14.56	149	64717	4.264	ng	# 75
87) Benzo(b)fluoranthene	15.04	252	27333	2.628	ng	# 1
88) Benzo(k)fluoranthene	15.04	252	27333	2.787	ng	# 1

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QLast Update : Thu Oct 26 16:31:52 2017
Response via : Initial Calibration

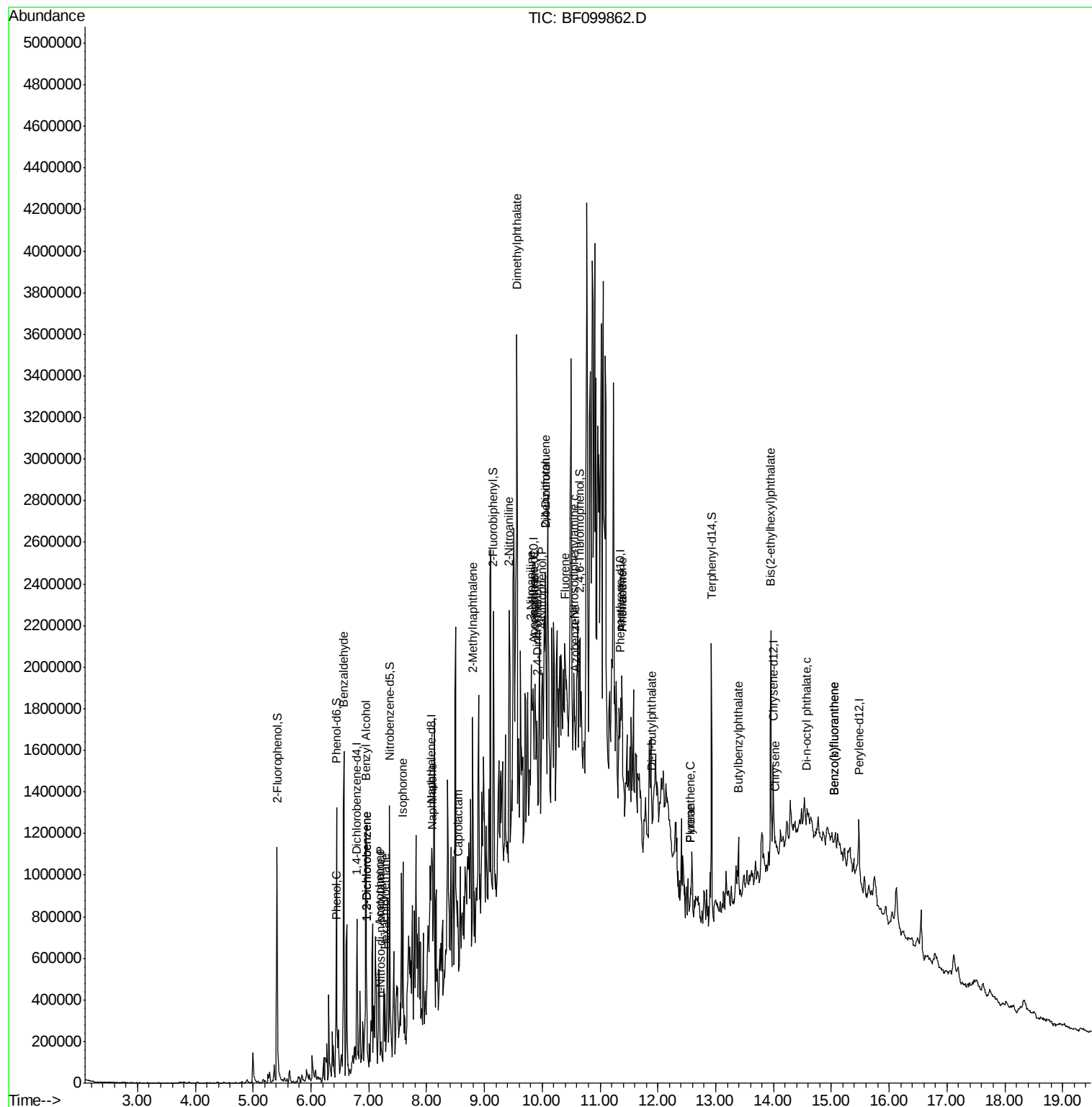
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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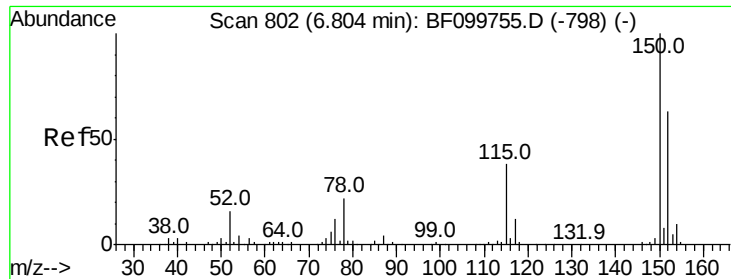
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_F
ClientSampled :

Quant Time: Oct 26 16:34:52 2017
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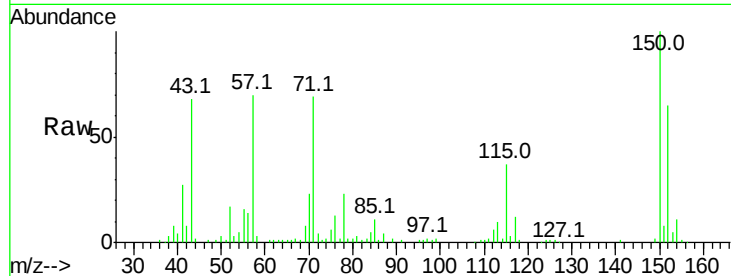


#1

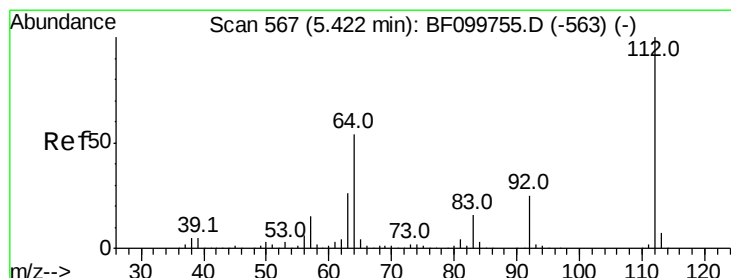
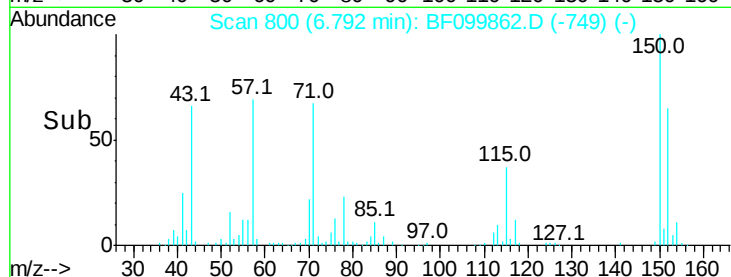
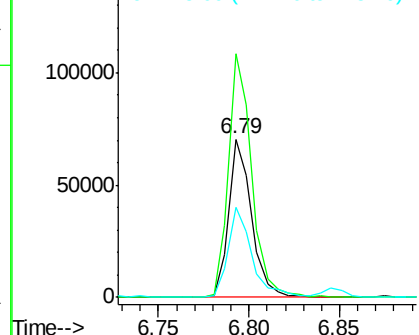
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61814
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 56.8 50.1 75.1



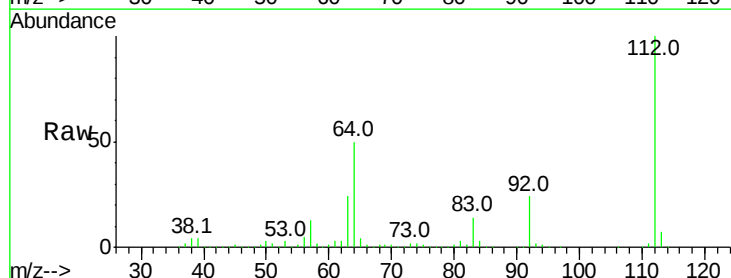
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



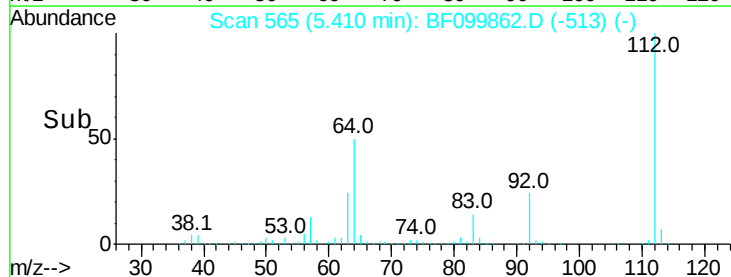
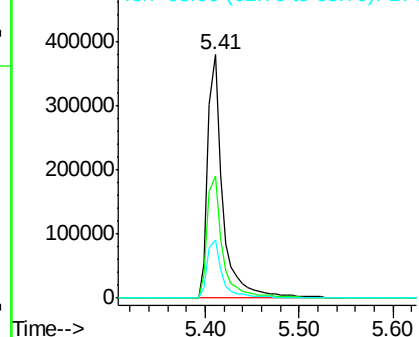
#5

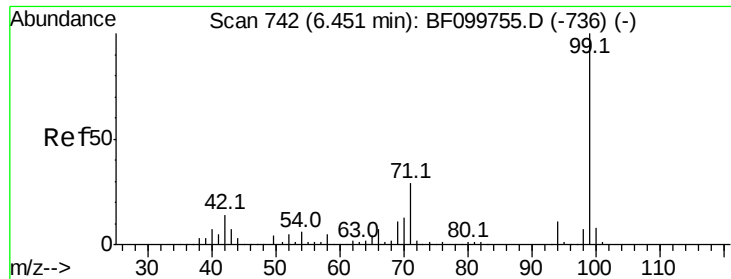
2-Fluorophenol
Concen: 108.331 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion:112 Resp: 426531
Ion Ratio Lower Upper
112 100
64 49.9 47.9 71.9
63 23.9 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: 109.743 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

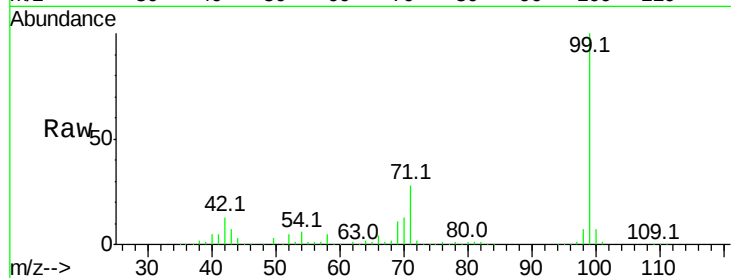
Tot Ion: 99 Resp: 512338

Ion Ratio Lower Upper

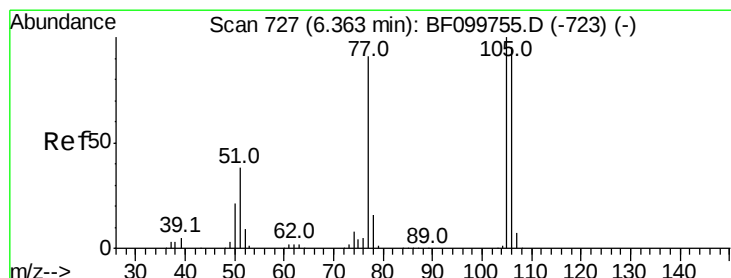
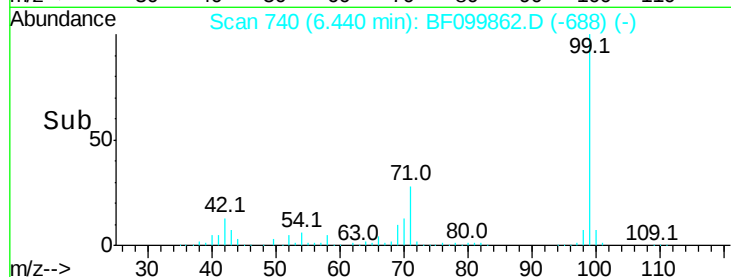
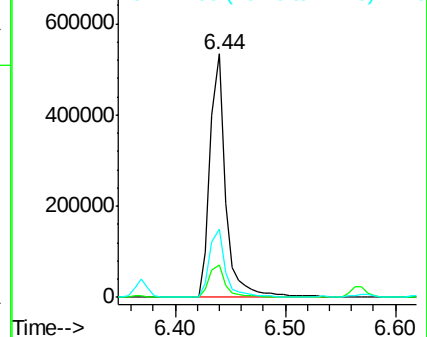
99 100

42 13.1 14.5 21.7#

71 27.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.127 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.22 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

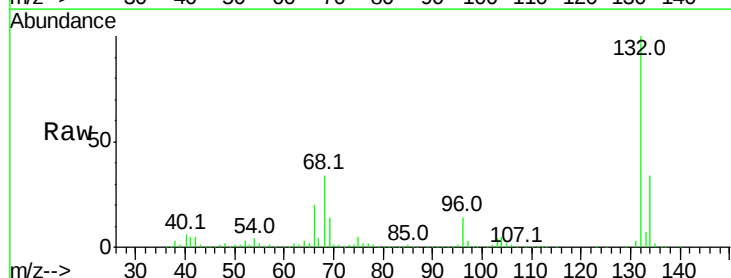
Tgt Ion: 77 Resp: 8723

Ion Ratio Lower Upper

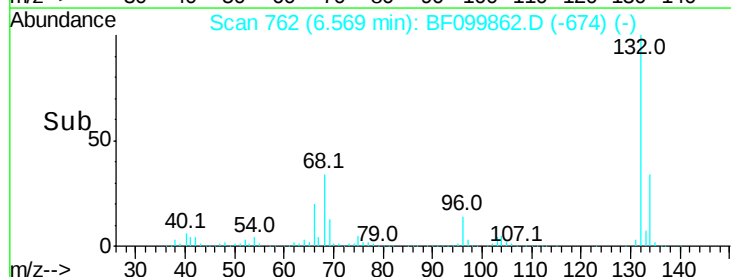
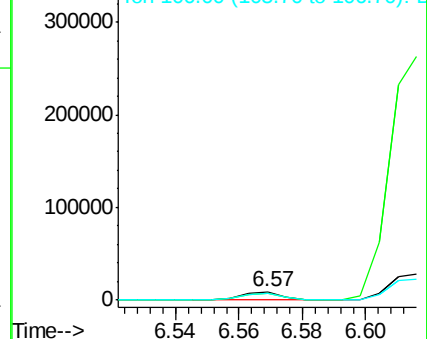
77 100

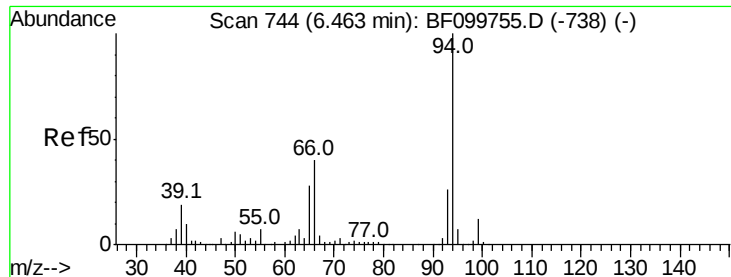
105 83.5 81.1 121.1

106 77.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 4.994 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

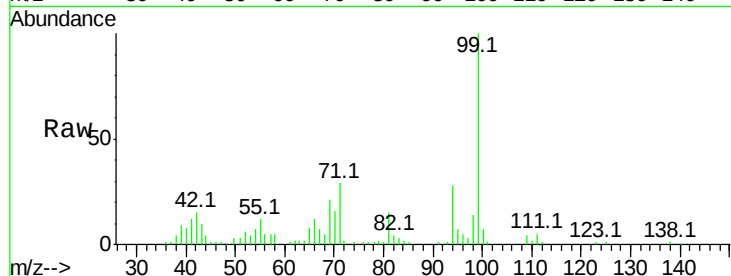
Tot Ion: 94 Resp: 25596

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

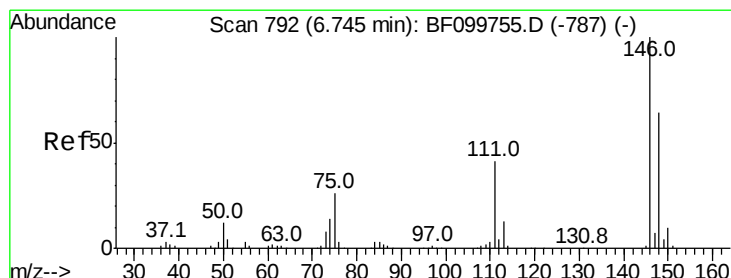
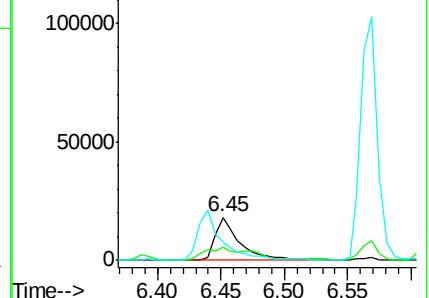
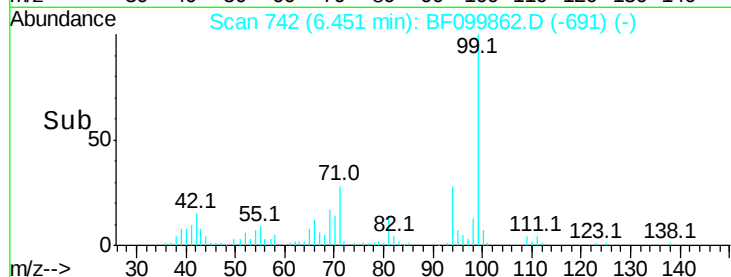
66 43.1 16.2 56.2



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



#12

1,3-Dichlorobenzene

Concen: 2.762 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.23 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

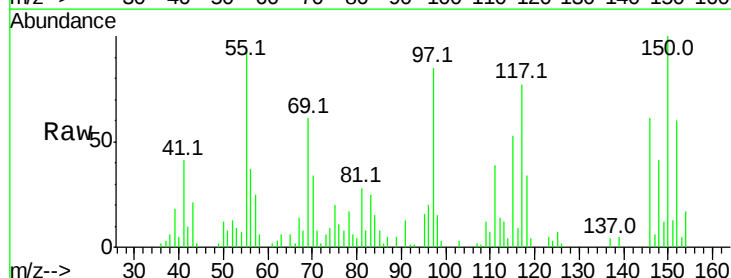
Tgt Ion: 146 Resp: 13015

Ion Ratio Lower Upper

146 100

148 68.0 51.8 77.8

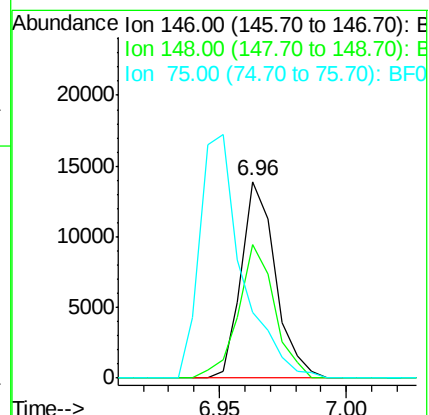
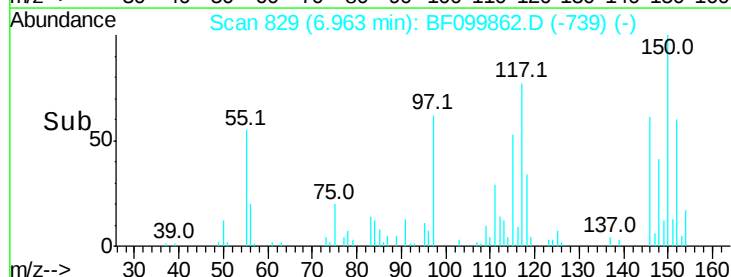
75 33.4 24.2 36.4

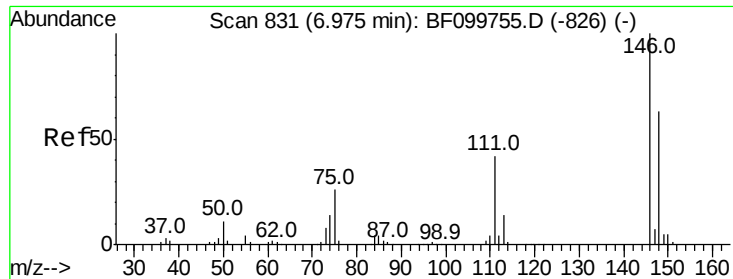


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#14

1,2-Dichlorobenzene

Concen: 2.986 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

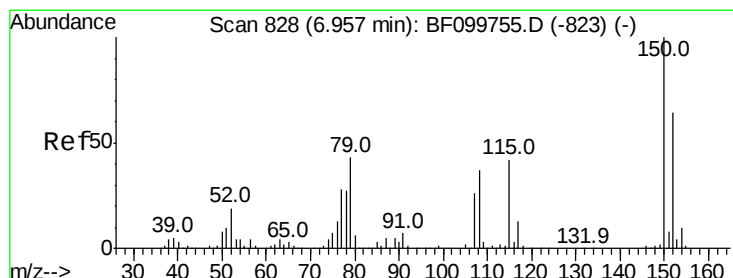
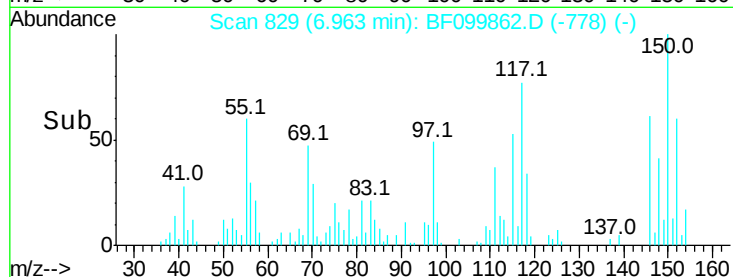
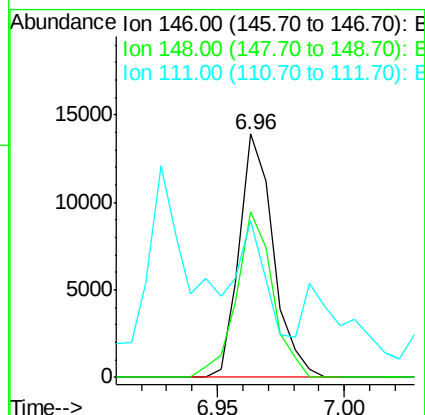
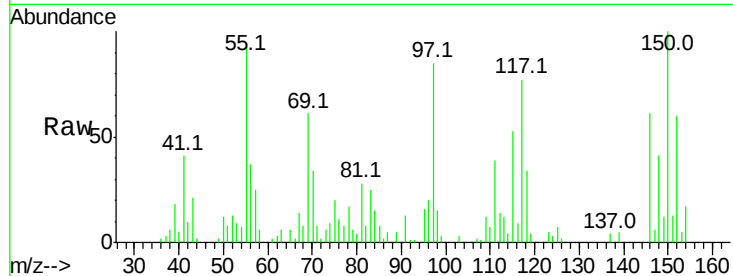
Tot Ion:146 Resp: 13015

Ion Ratio Lower Upper

146 100

148 68.0 50.6 75.8

111 64.2 36.0 54.0#



#15

Benzyl Alcohol

Concen: 2.145 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

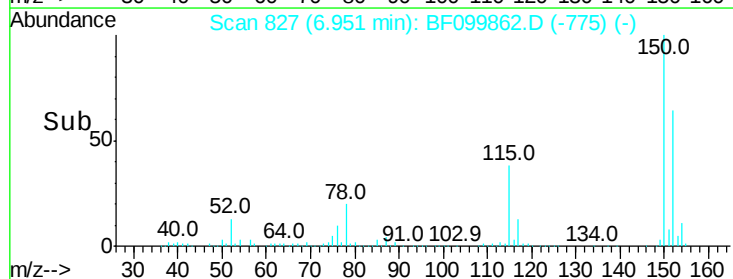
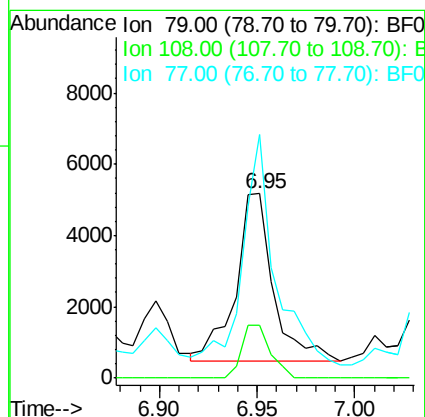
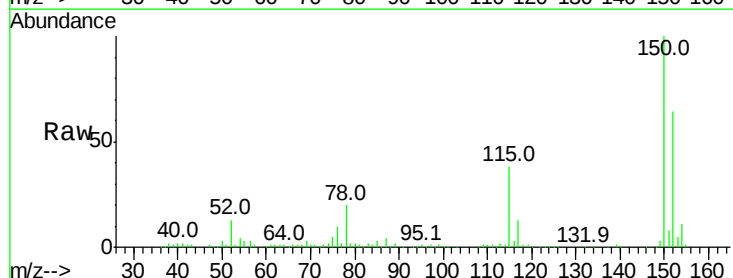
Tgt Ion: 79 Resp: 6368

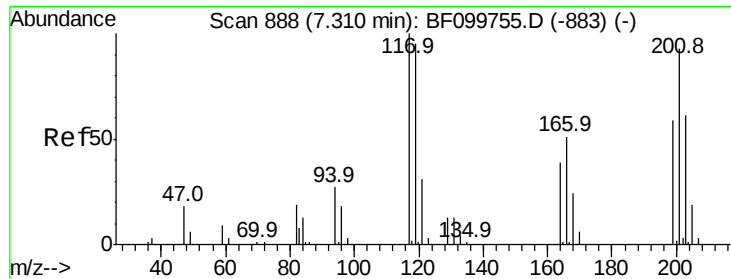
Ion Ratio Lower Upper

79 100

108 28.4 65.1 97.7#

77 132.0 50.6 75.8#

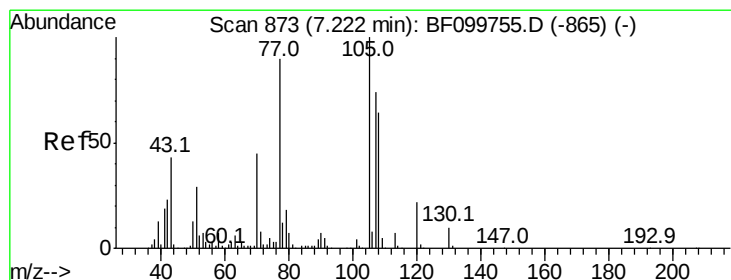
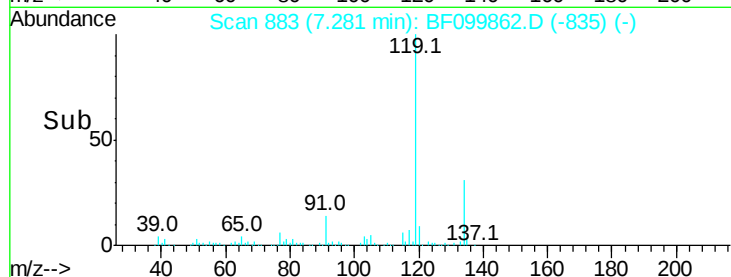
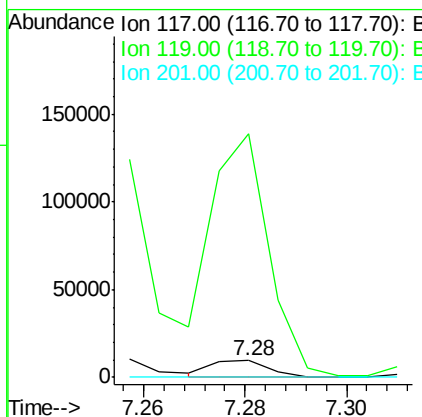
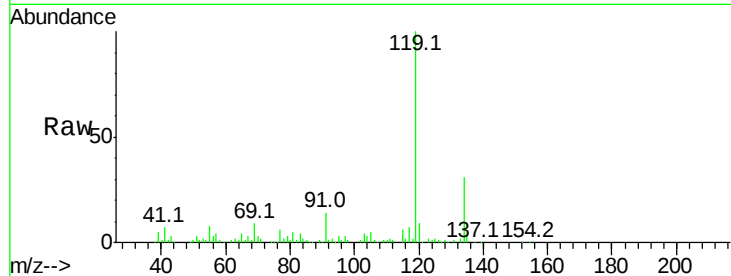




#18
Hexachloroethane
Concen: 4.898 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

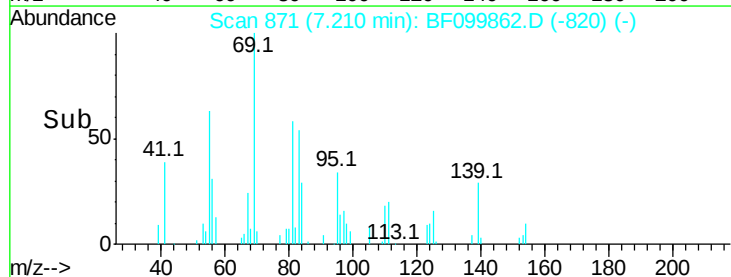
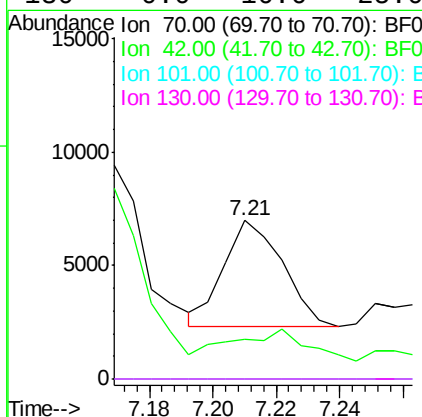
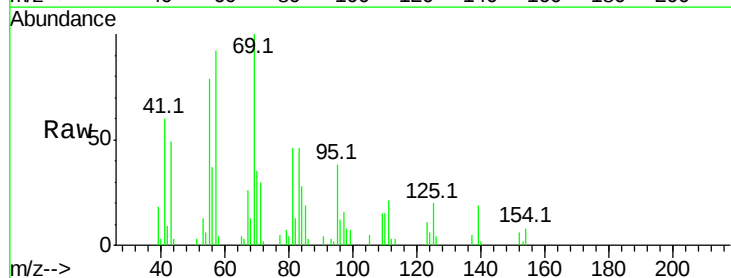
Instrument :
BNA_F
ClientSampleId :

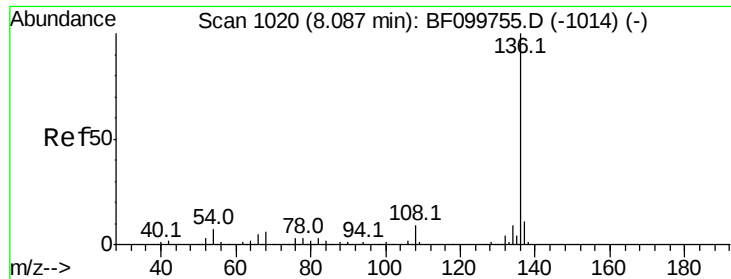
Tot Ion:117 Resp: 7815
Ion Ratio Lower Upper
117 100
119 1441.0 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.219 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion: 70 Resp: 6071
Ion Ratio Lower Upper
70 100
42 25.2 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 245302

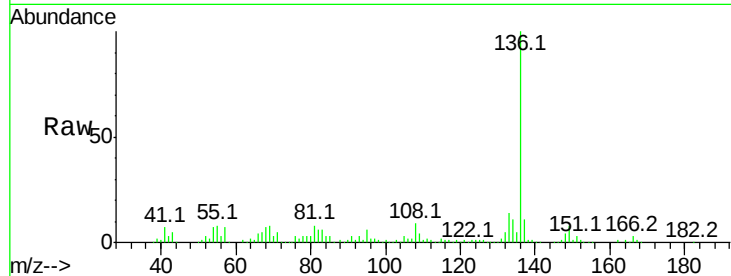
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 7.2 5.0 7.4

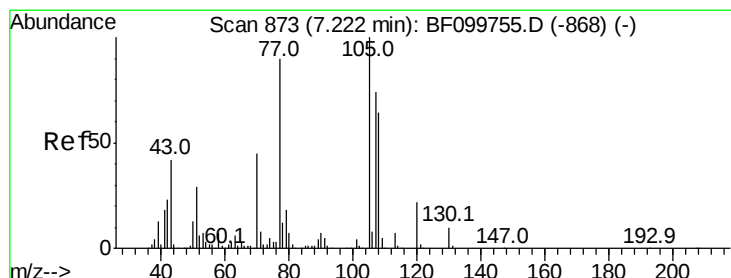
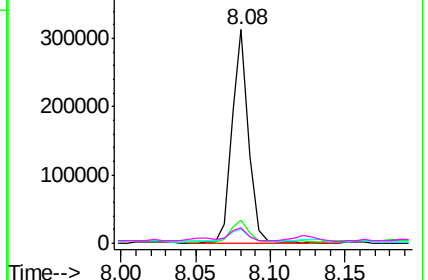
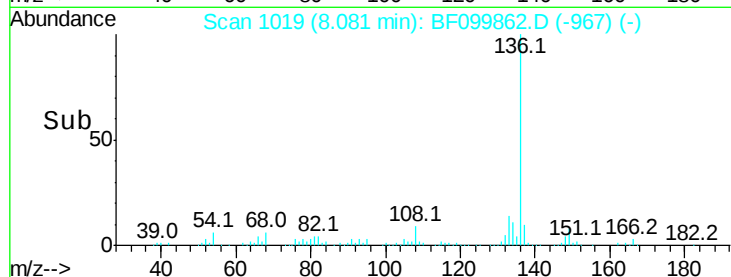


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.455 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.03 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Tgt Ion:105 Resp: 80738

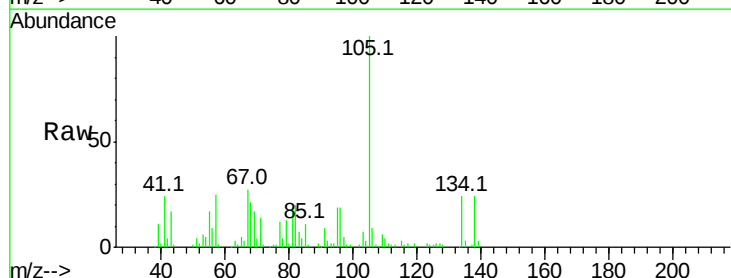
Ion Ratio Lower Upper

105 100

71 13.9 4.4 6.6#

51 4.1 22.3 33.5#

120 0.0 16.9 25.3#

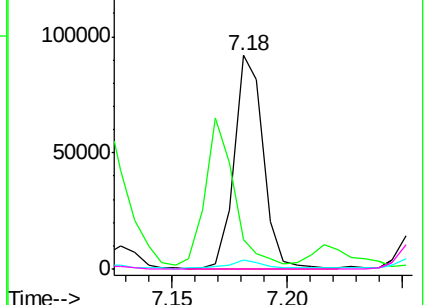
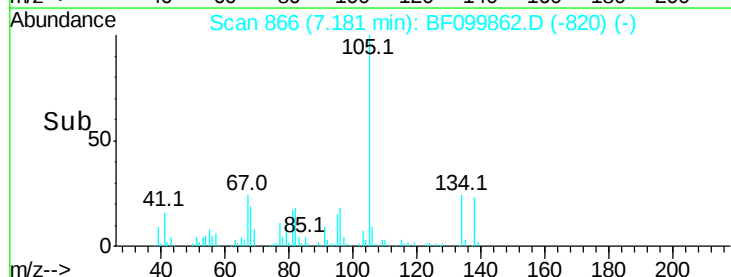


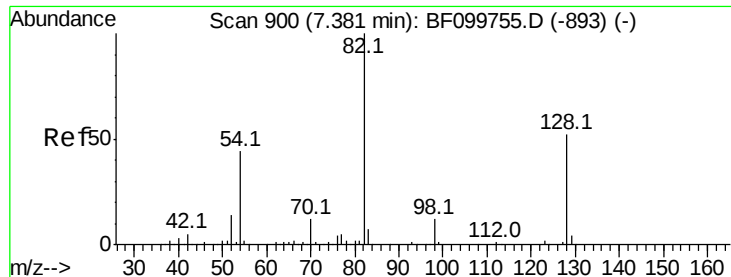
Abundance Ion 105.00 (104.70 to 105.70): E

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

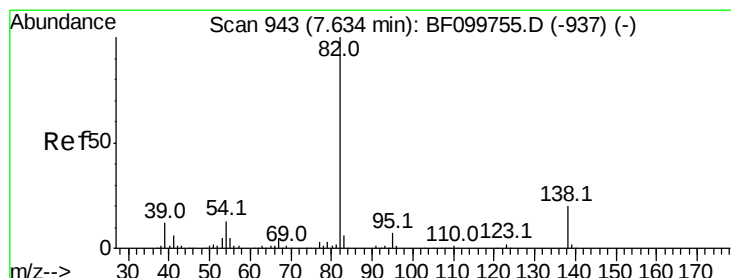
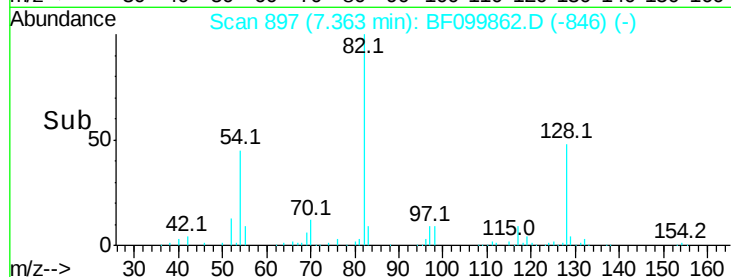
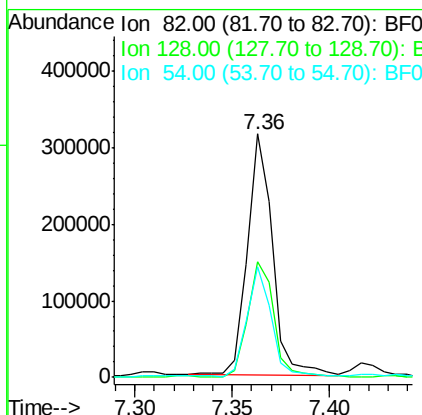
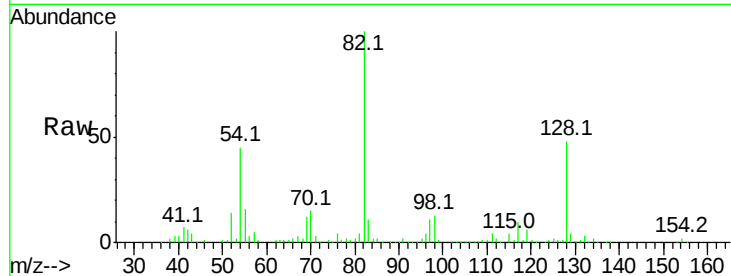




#23
Nitrobenzene-d5
Concen: 73.955 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

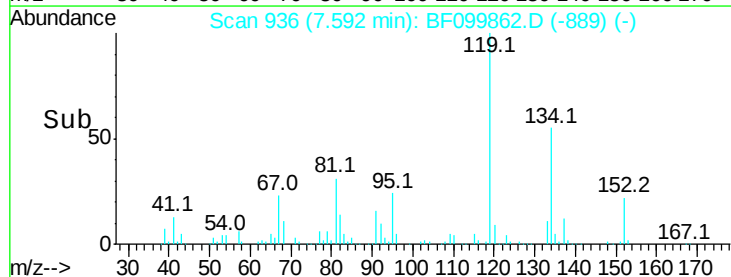
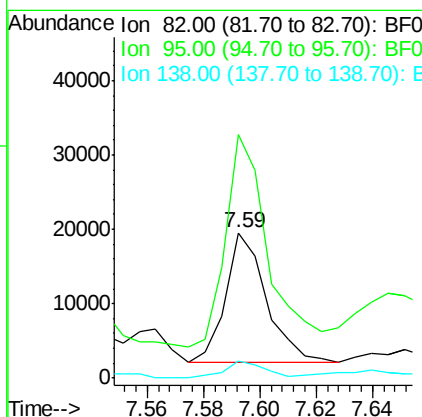
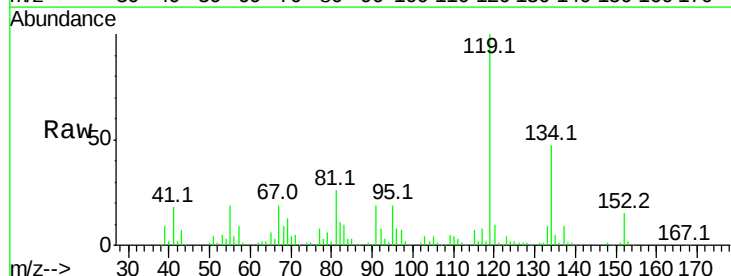
Instrument :
BNA_F
ClientSampleId :

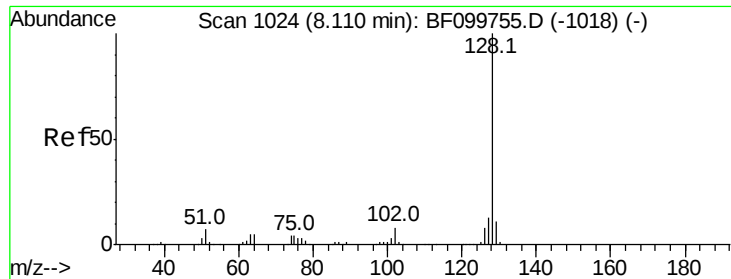
Tot Ion	82	Resp	281781
Ion Ratio	100	Lower	Upper
128	47.6	36.1	54.1
54	45.5	41.4	62.2



#25
Isophorone
Concen: 2.516 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion	82	Resp	17393
Ion Ratio	100	Lower	Upper
95	167.3	5.2	7.8#
138	11.9	14.9	22.3#

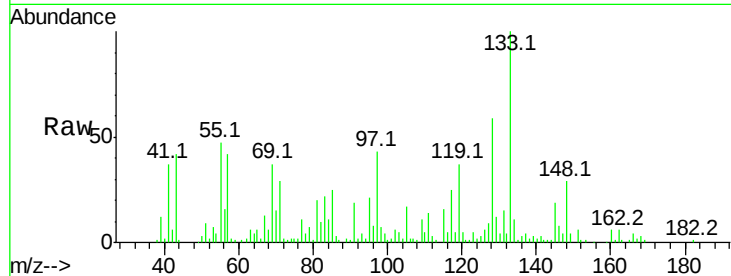




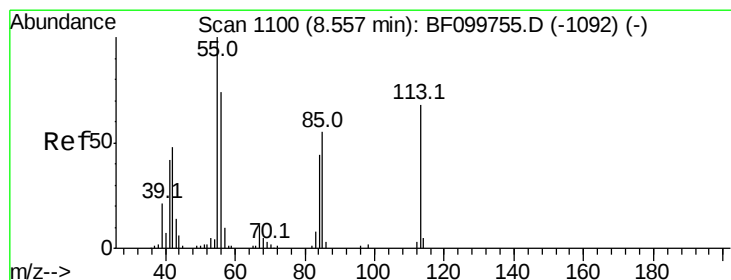
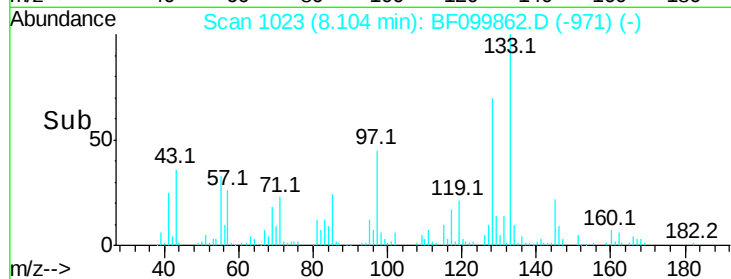
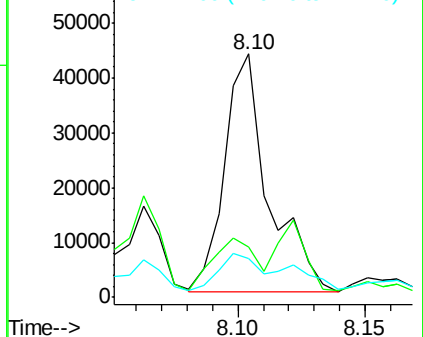
#31
Naphthalene
Concen: 4.421 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 52346
Ion Ratio Lower Upper
128 100
129 20.8 8.8 13.2#
127 16.1 10.9 16.3

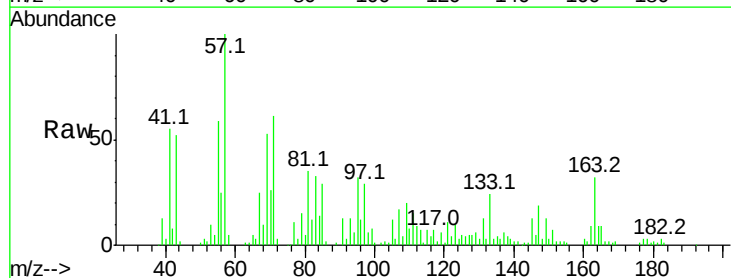


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

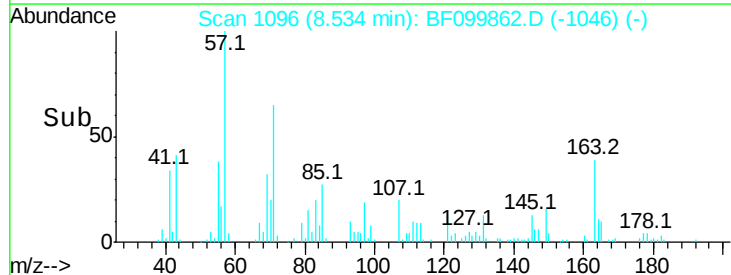
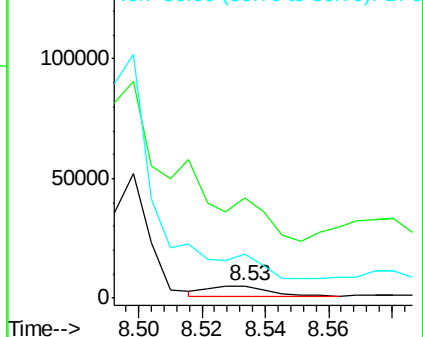


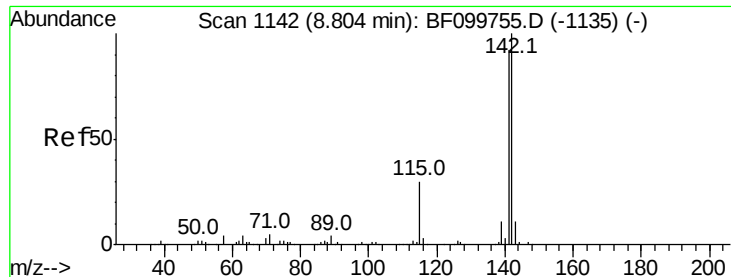
#35
Caprolactam
Concen: 4.948 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion:113 Resp: 5237
Ion Ratio Lower Upper
113 100
55 806.5 163.3 203.3#
56 349.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

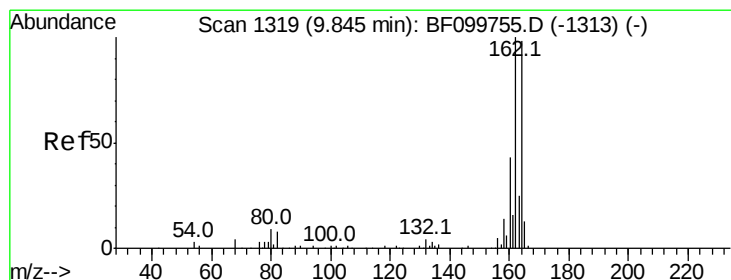
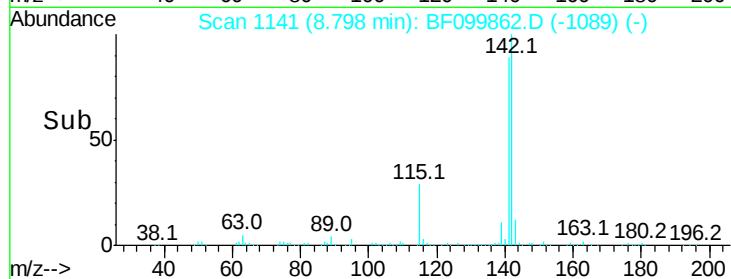
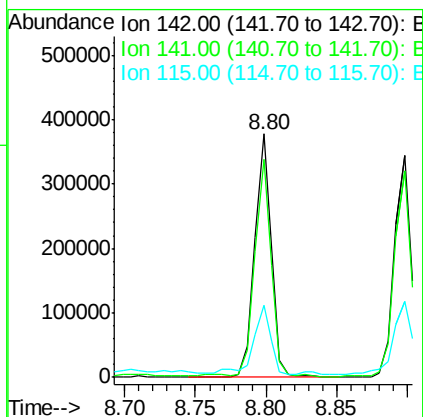
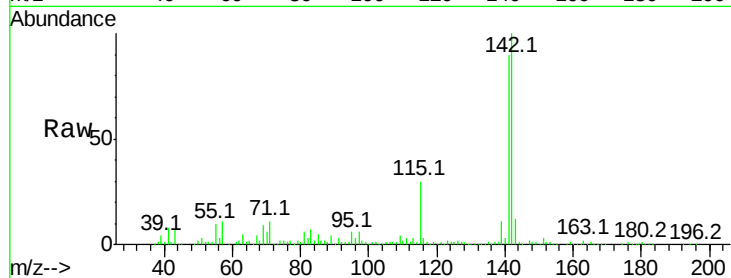




#37
 2-Methylnaphthalene
 Concen: 39.110 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

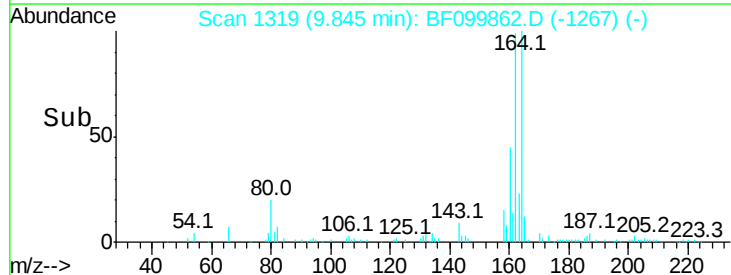
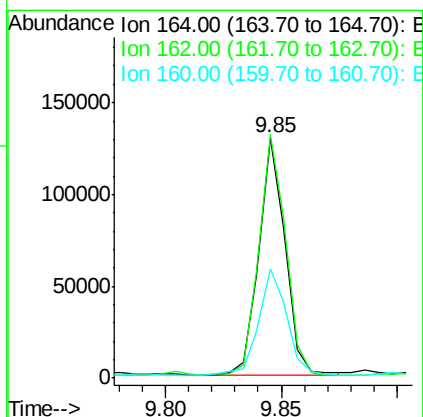
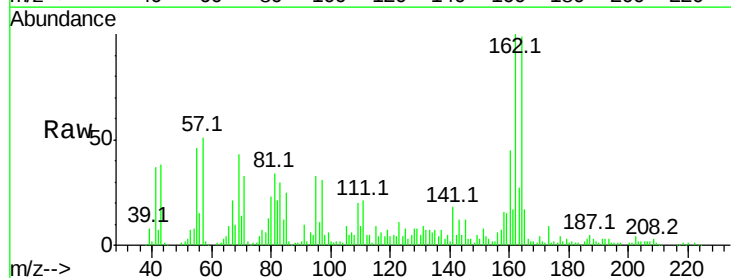
Instrument :
 BNA_F
 ClientSampleId :

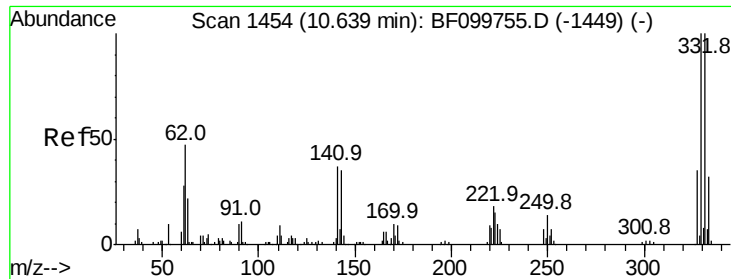
Tot Ion:142 Resp: 310340
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 29.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

Tgt Ion:164 Resp: 102323
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.3 38.3 57.5

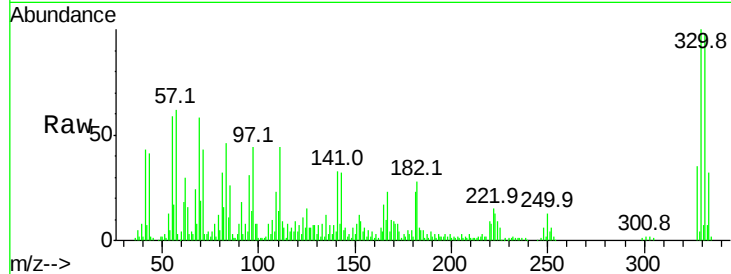




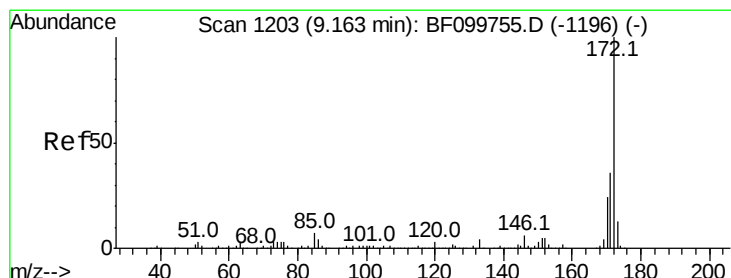
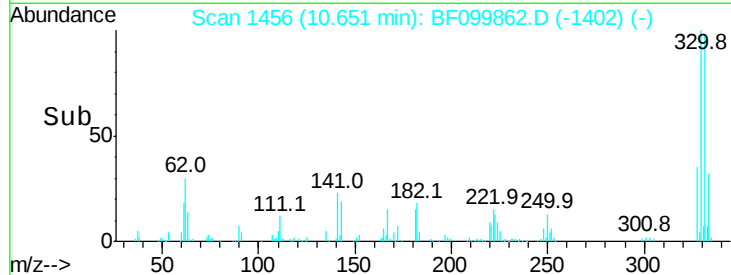
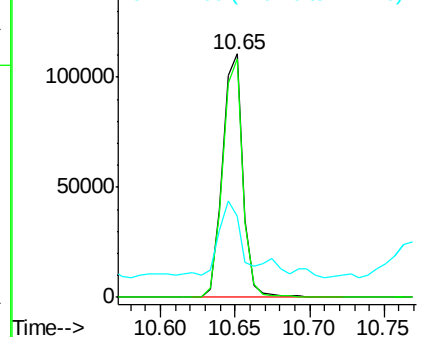
#41
 2,4,6-Tribromophenol
 Concen: 114.311 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.02 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.3	29.9	44.9

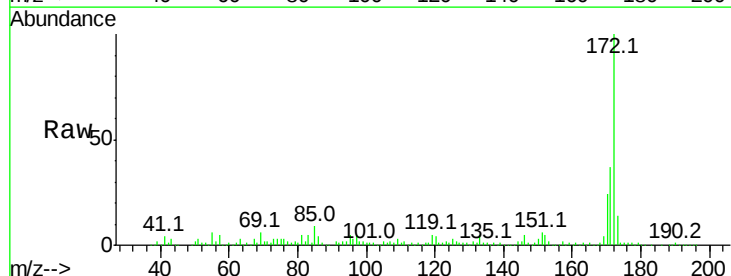


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

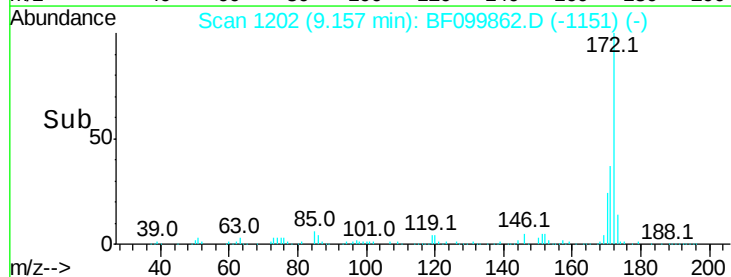
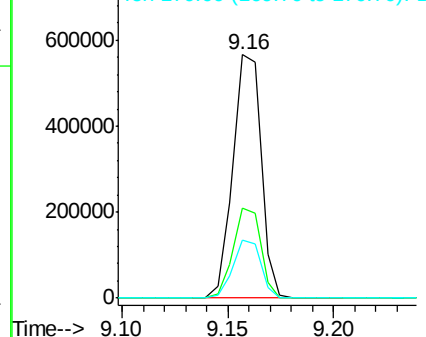


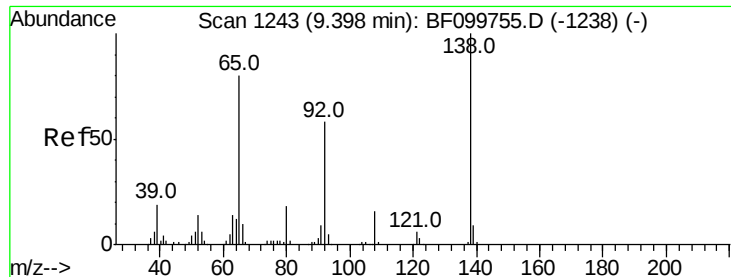
#44
 2-Fluorobiphenyl
 Concen: 78.484 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

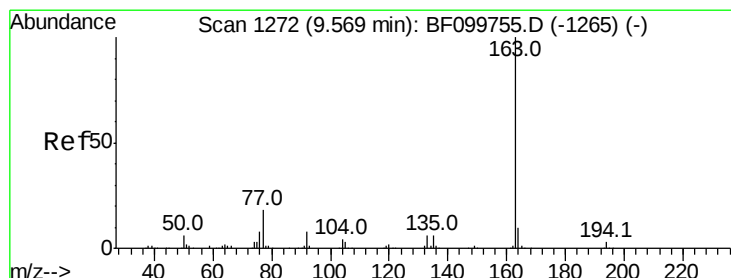
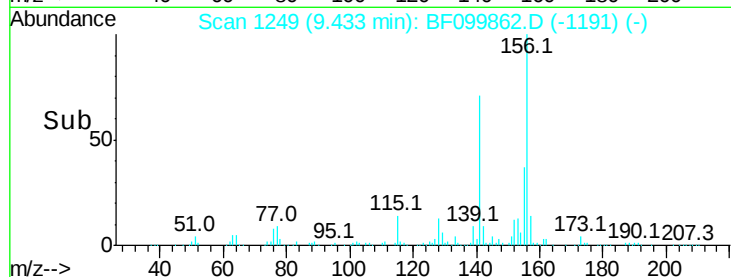
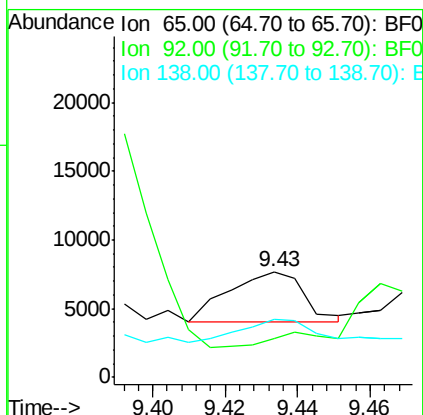
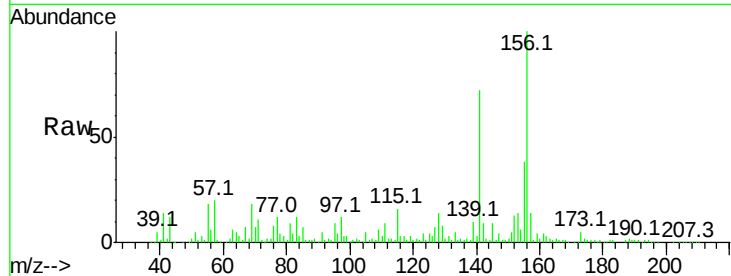




#47
2-Nitroaniline
Concen: 2.931 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.04 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

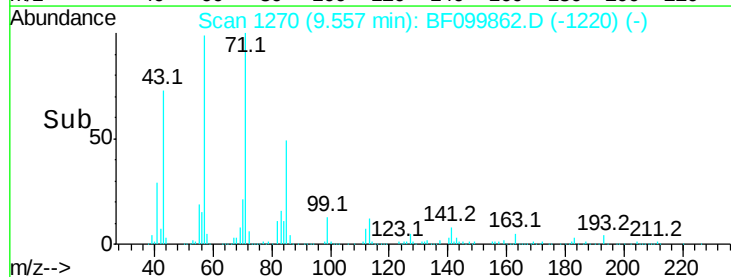
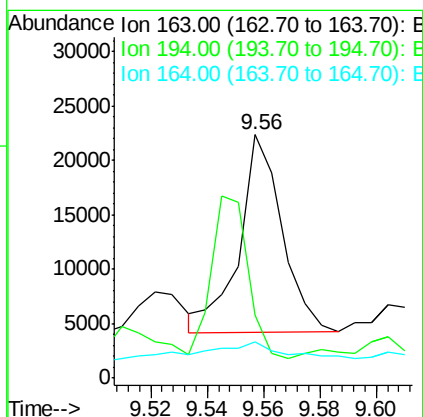
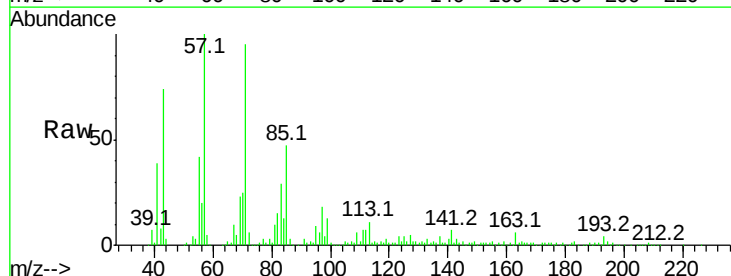
Instrument :
BNA_F
ClientSampled :

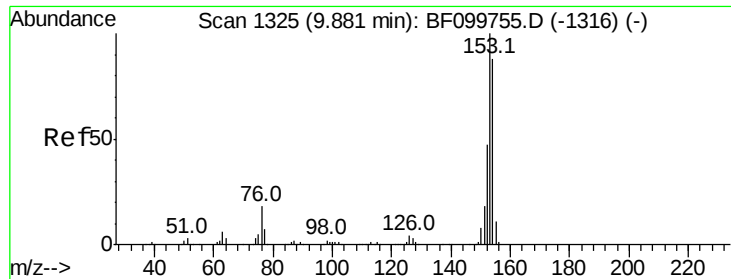
Tot Ion: 65 Resp: 5171
Ion Ratio Lower Upper
65 100
92 36.9 55.8 83.6#
138 54.6 91.2 136.8#



#49
Dimethylphthalate
Concen: 2.350 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion:163 Resp: 19040
Ion Ratio Lower Upper
163 100
194 25.9 2.7 4.1#
164 15.0 8.2 12.2#





#51

Acenaphthene

Concen: 3.975 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

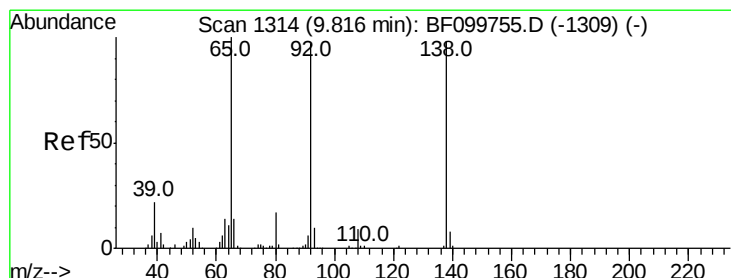
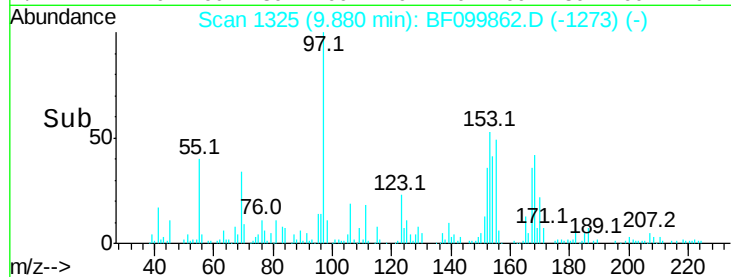
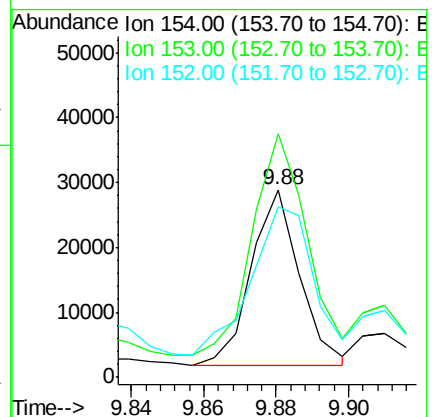
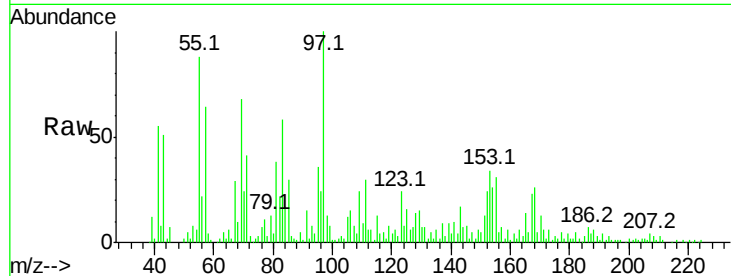
Tot Ion:154 Resp: 25150

Ion Ratio Lower Upper

154 100

153 129.7 91.2 136.8

152 91.2 43.8 65.8#



#52

3-Nitroaniline

Concen: 2.165 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

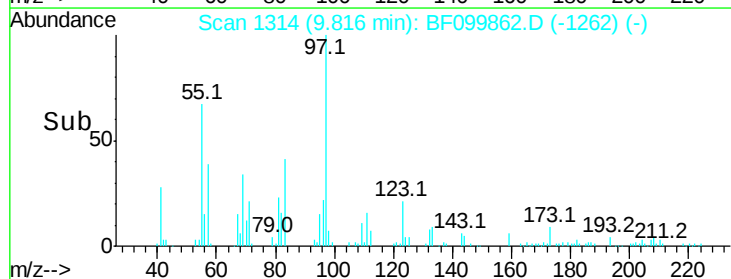
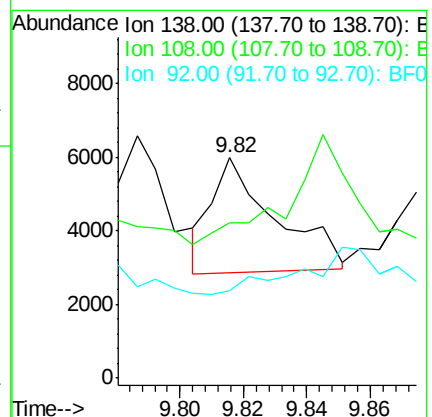
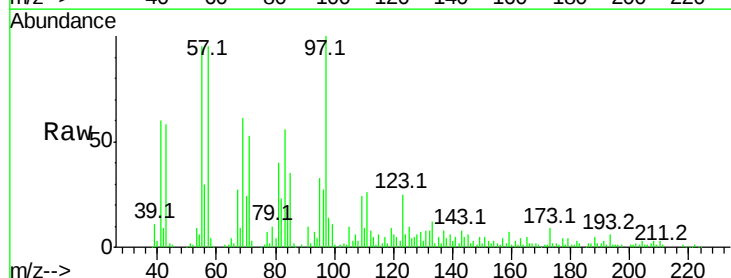
Tgt Ion:138 Resp: 4346

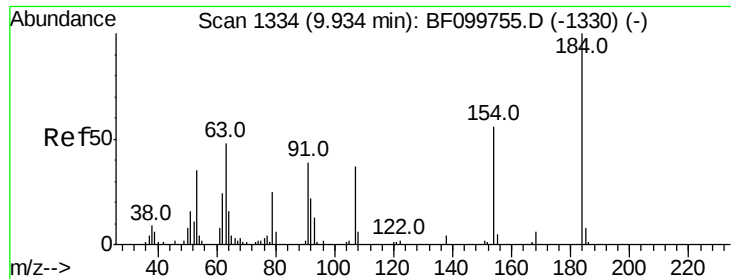
Ion Ratio Lower Upper

138 100

108 70.4 9.4 14.0#

92 39.5 89.4 134.2#

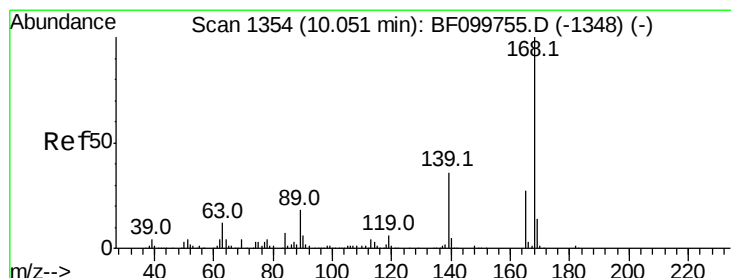
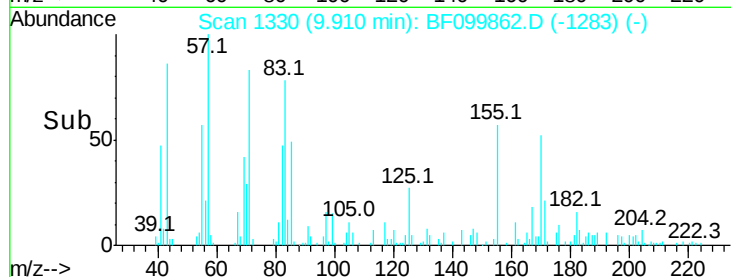
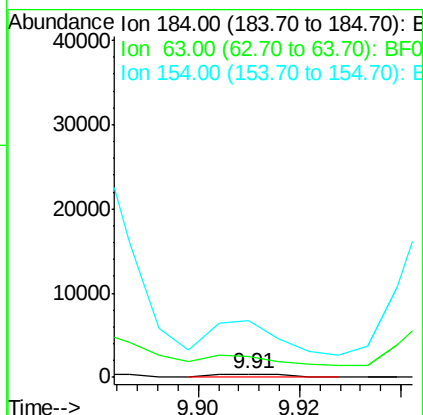
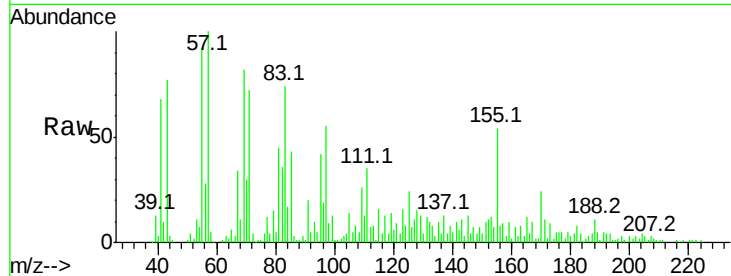




#53
 2,4-Dinitrophenol
 Concen: 6.281 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

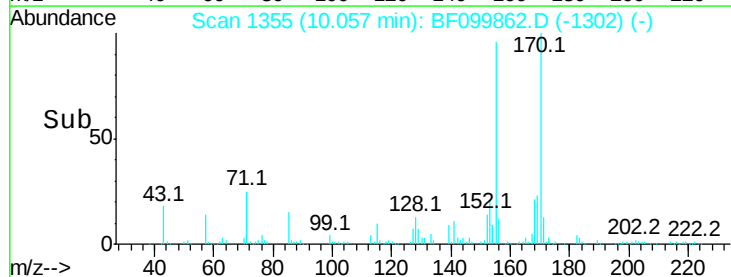
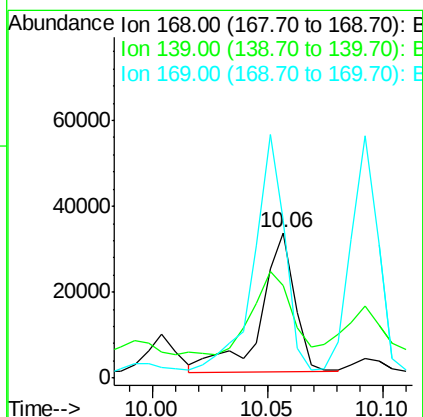
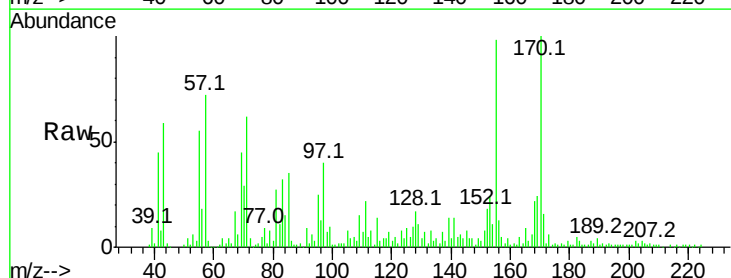
Instrument :
 BNA_F
 ClientSampleId :

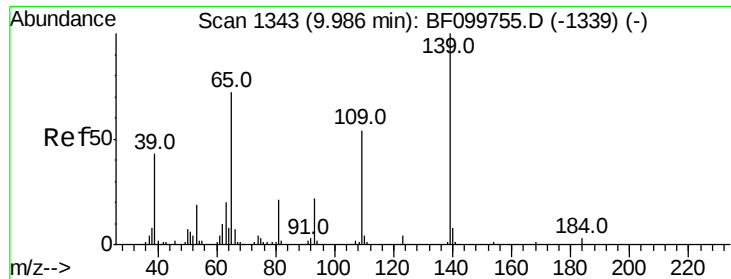
Tot Ion:184 Resp: 377
 Ion Ratio Lower Upper
 184 100
 63 595.6 54.2 81.2#
 154 1619.6 53.5 80.3#



#54
 Dibenzofuran
 Concen: 3.705 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

Tgt Ion:168 Resp: 33088
 Ion Ratio Lower Upper
 168 100
 139 63.7 30.1 45.1#
 169 108.2 10.9 16.3#





#55

4-Nitrophenol

Concen: 2.759 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

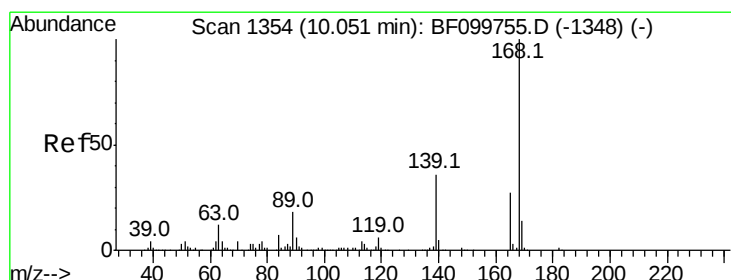
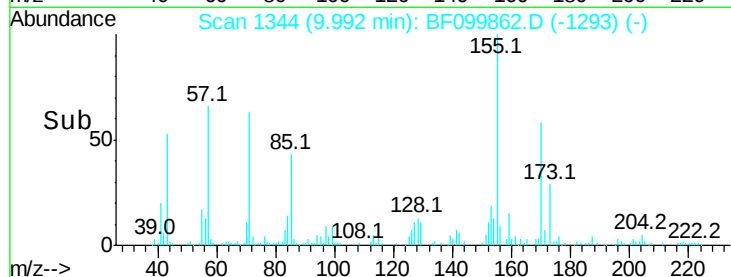
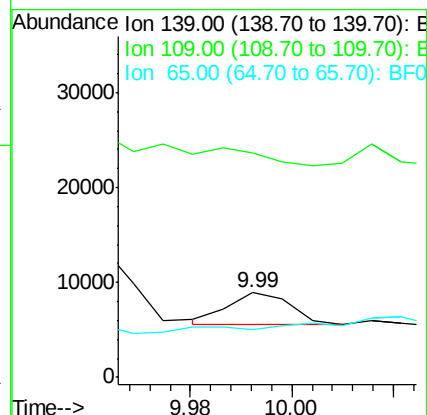
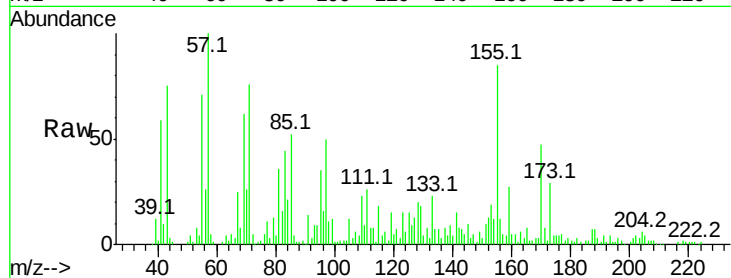
Tot Ion:139 Resp: 2893

Ion Ratio Lower Upper

139 100

109 266.7 48.4 88.4#

65 57.4 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 6.793 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Tgt Ion:165 Resp: 13936

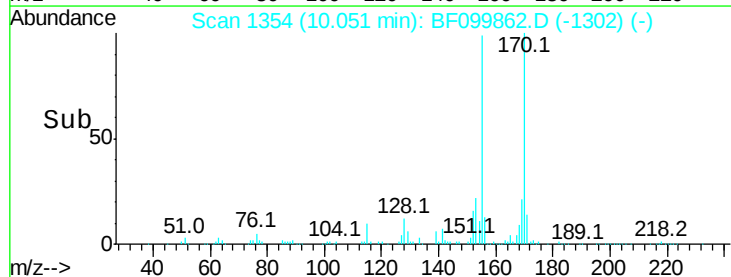
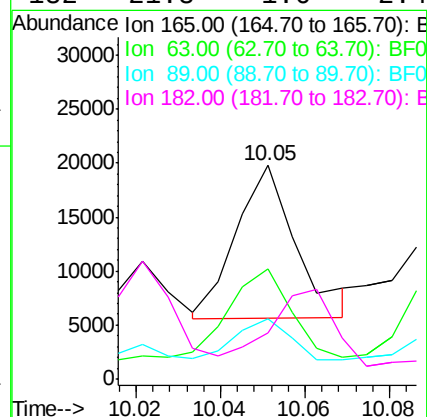
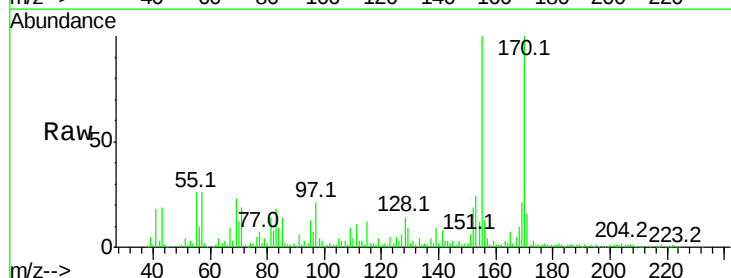
Ion Ratio Lower Upper

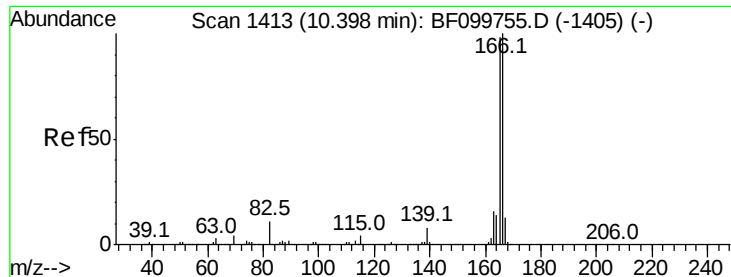
165 100

63 51.5 36.4 54.6

89 28.0 57.8 86.6#

182 21.8 1.6 2.4#

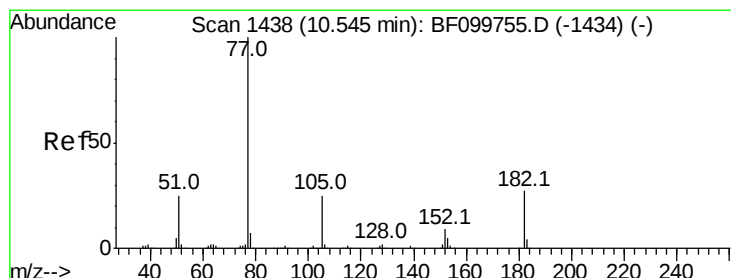
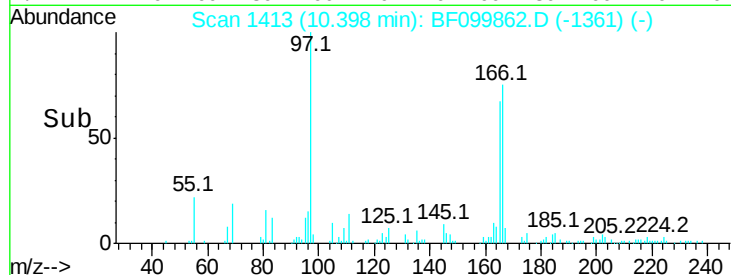
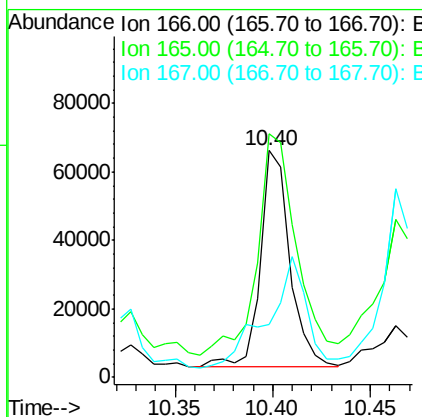
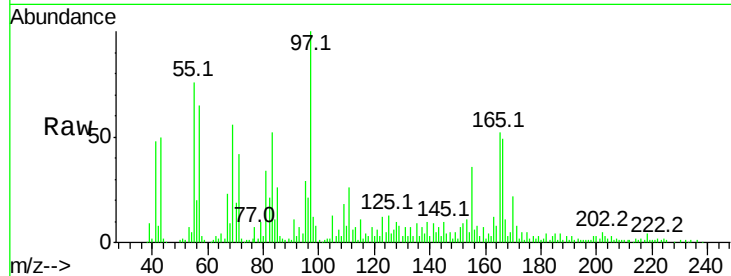




#57
 Fluorene
 Concen: 8.921 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

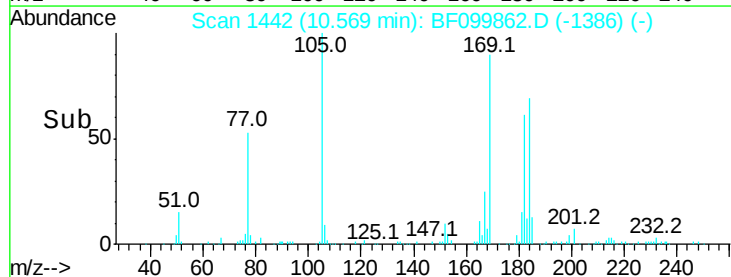
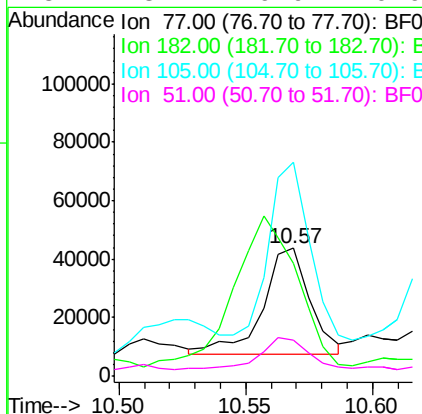
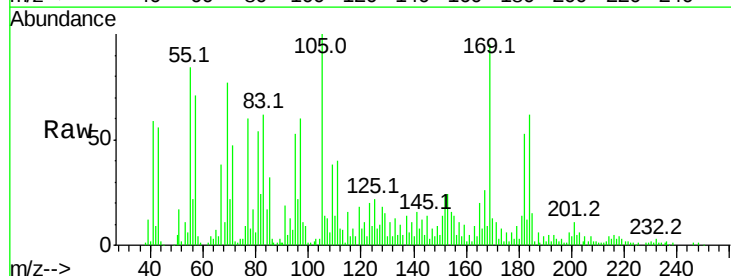
Instrument :
 BNA_F
 ClientSampleId :

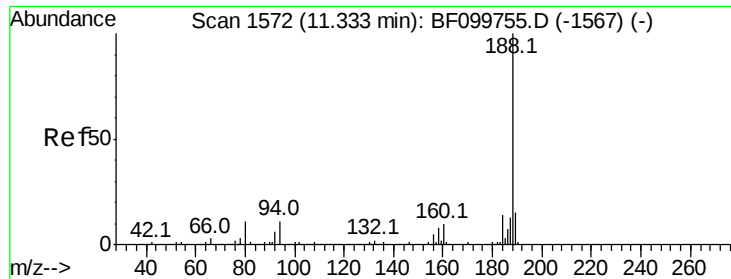
Tot Ion:166 Resp: 65961
 Ion Ratio Lower Upper
 166 100
 165 107.5 79.8 119.8
 167 23.3 10.6 16.0#



#62
 Azobenzene
 Concen: 7.052 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.03 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

Tgt Ion: 77 Resp: 46778
 Ion Ratio Lower Upper
 77 100
 182 88.5 1.7 41.7#
 105 167.2 3.0 43.0#
 51 28.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.02 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampled :

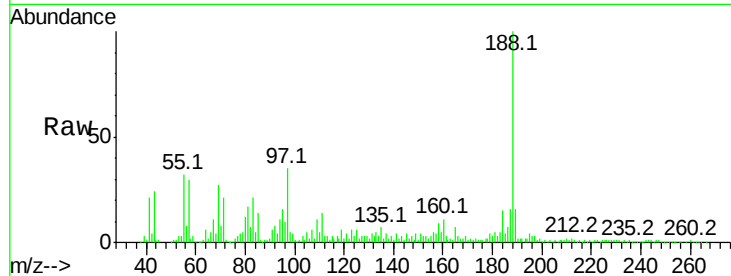
Tot Ion:188 Resp: 181061

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

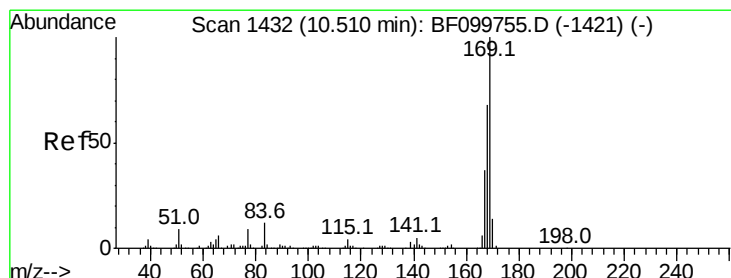
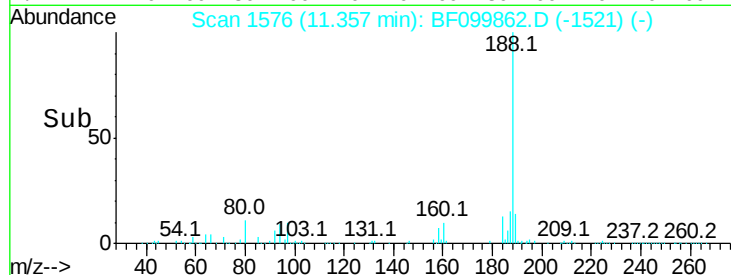
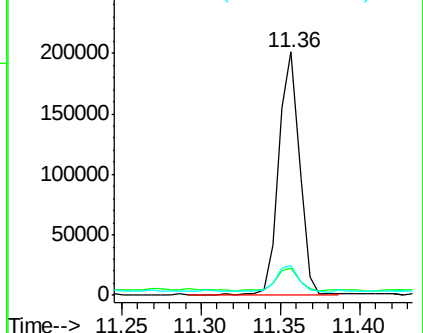
80 12.4 9.2 13.8



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: 8.265 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.04 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

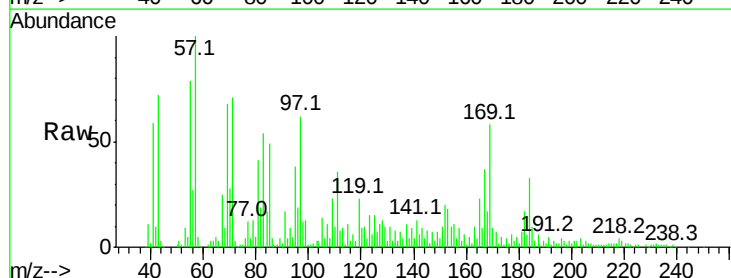
Tgt Ion:169 Resp: 55242

Ion Ratio Lower Upper

169 100

168 28.8 54.4 81.6#

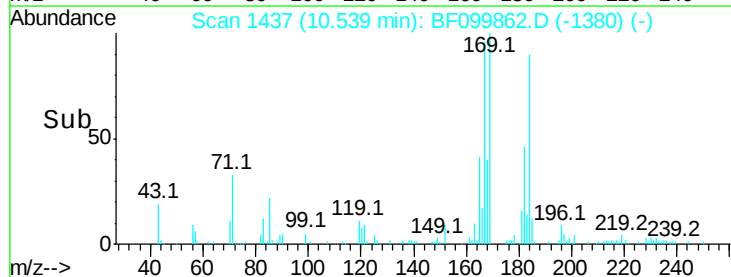
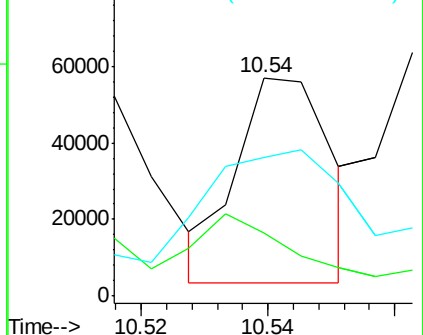
167 63.6 29.8 44.6#

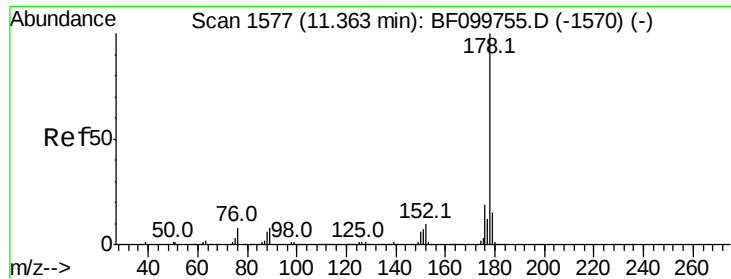


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 20.307 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.02 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

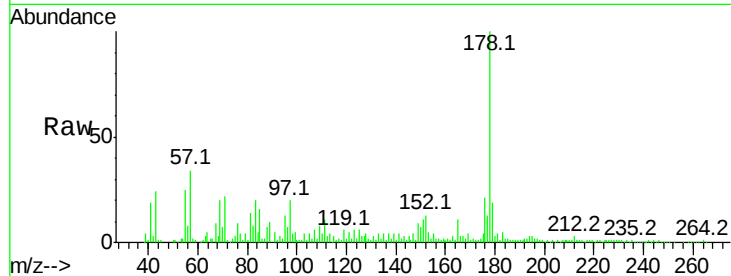
Tot Ion:178 Resp: 207498

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

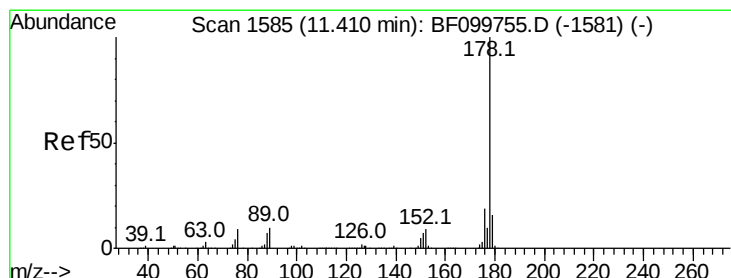
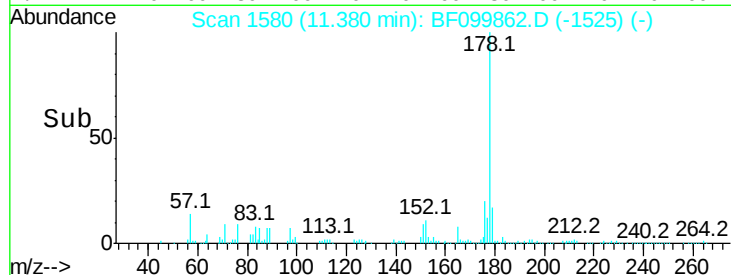
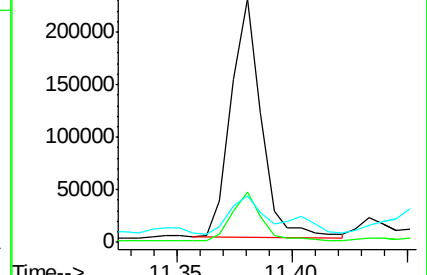
179 18.9 13.0 19.6



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: 19.964 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

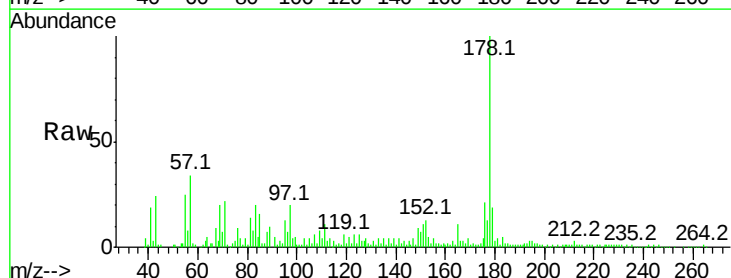
Tgt Ion:178 Resp: 207069

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

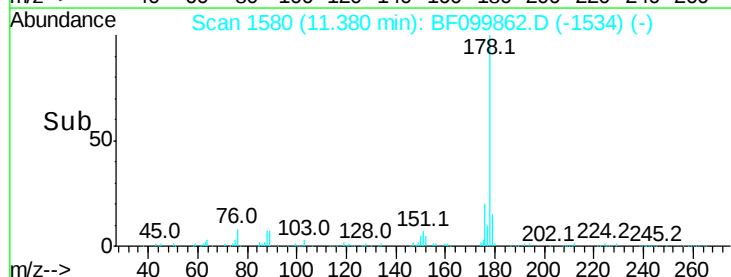
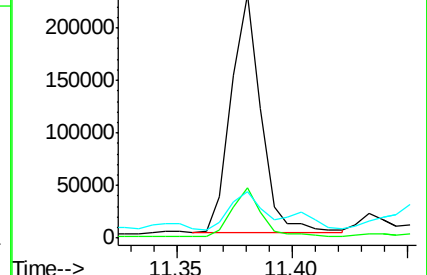
179 18.9 12.6 19.0

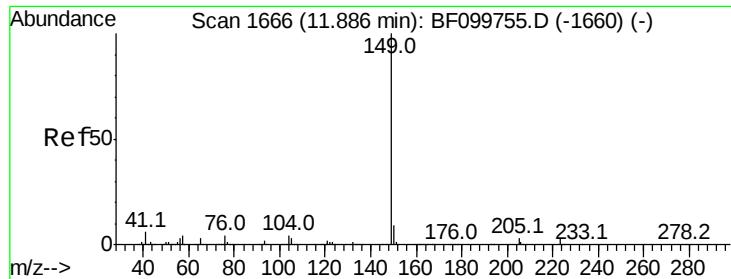


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 2.116 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

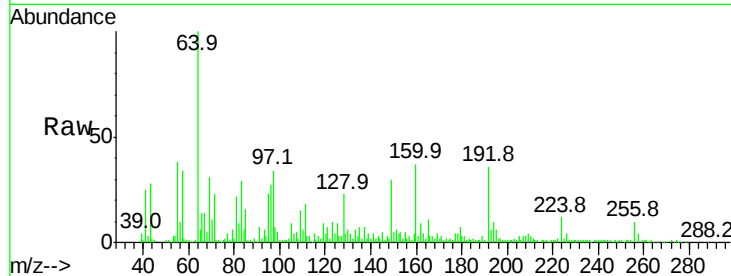
Tot Ion:149 Resp: 26321

Ion Ratio Lower Upper

149 100

150 15.6 7.8 11.6#

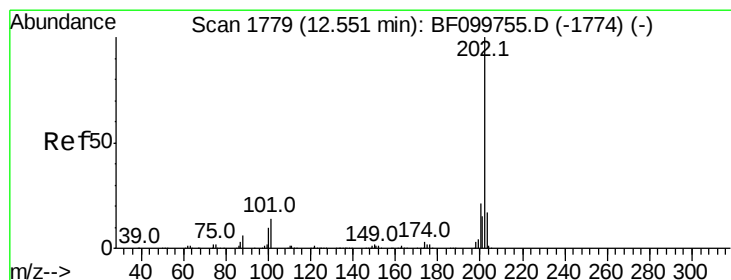
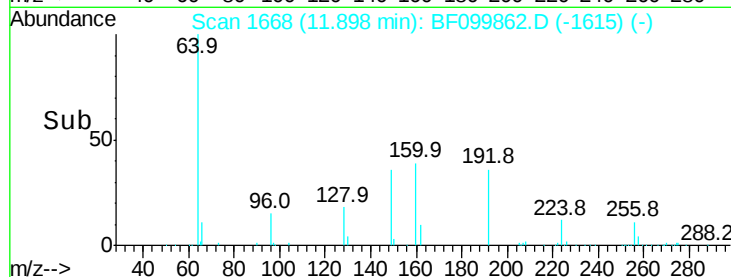
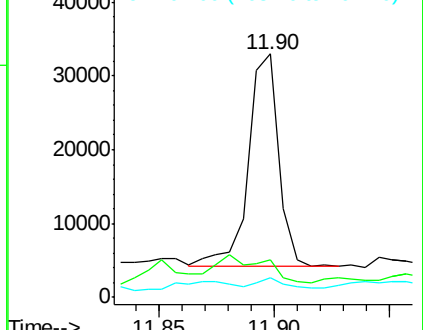
104 8.0 3.8 5.8#



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: 4.864 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.02 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

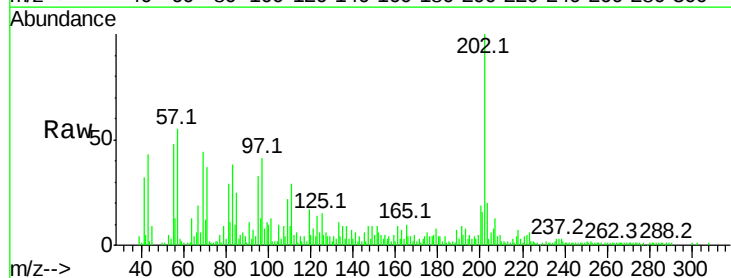
Tgt Ion:202 Resp: 51649

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

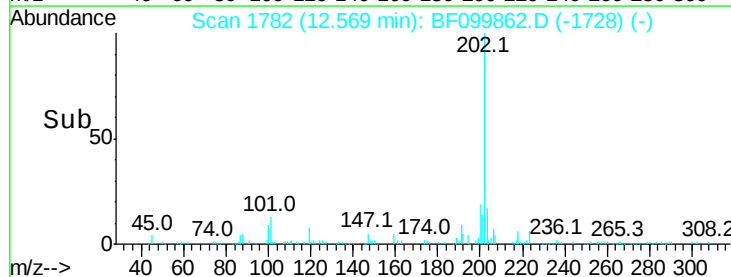
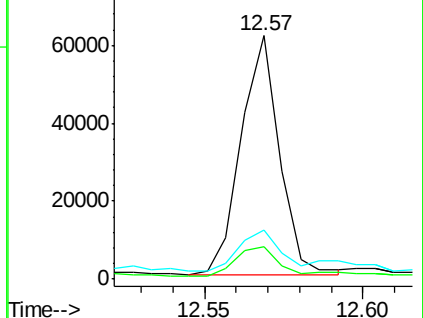
203 20.0 0.0 38.1

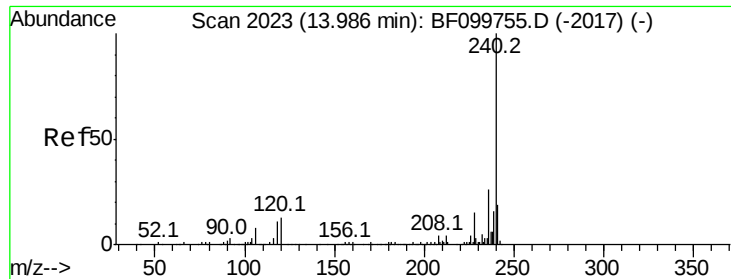


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

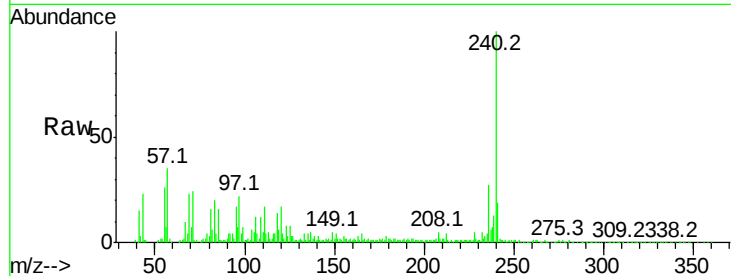
Tot Ion:240 Resp: 168186

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

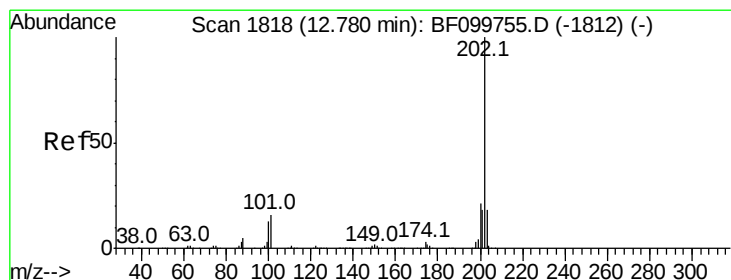
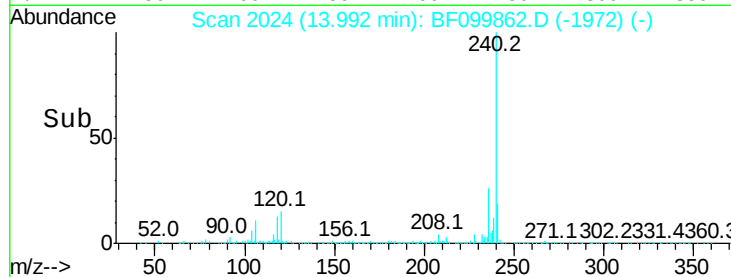
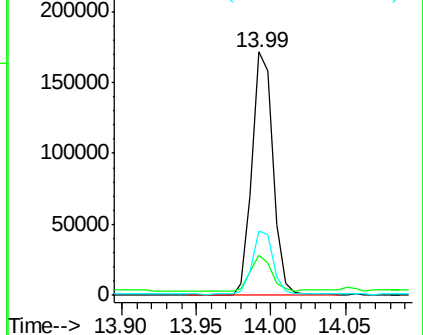
236 26.5 20.7 31.1



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

Pyrene

Concen: 4.039 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.21 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

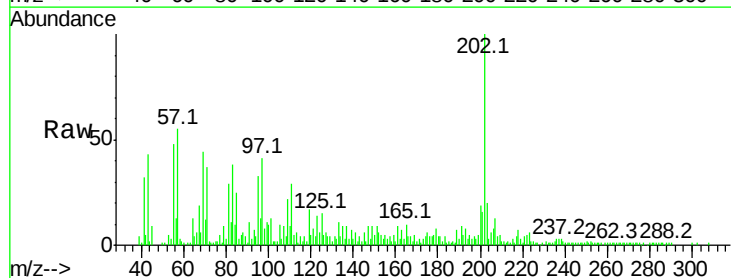
Tgt Ion:202 Resp: 51649

Ion Ratio Lower Upper

202 100

200 19.5 17.4 26.2

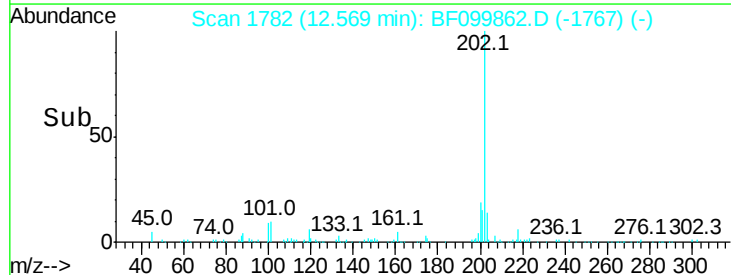
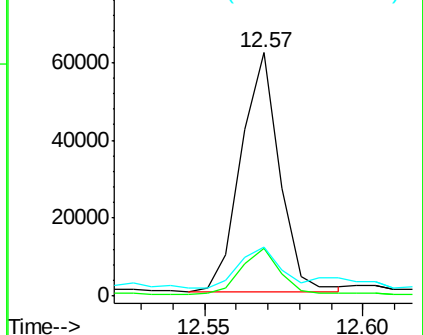
203 20.0 14.3 21.5

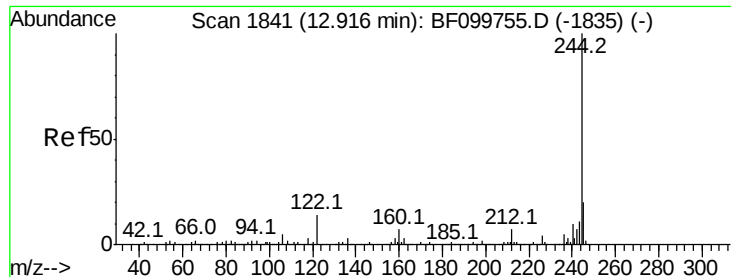


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.550 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

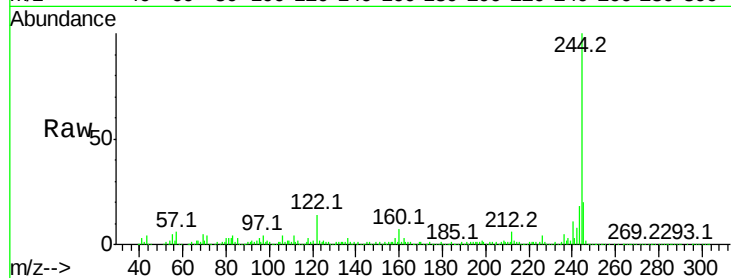
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 473687

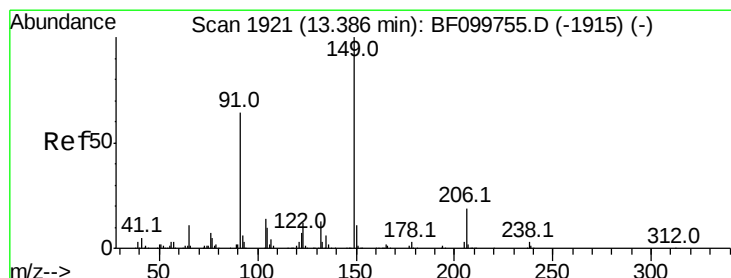
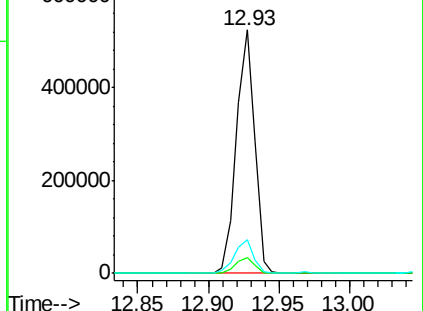
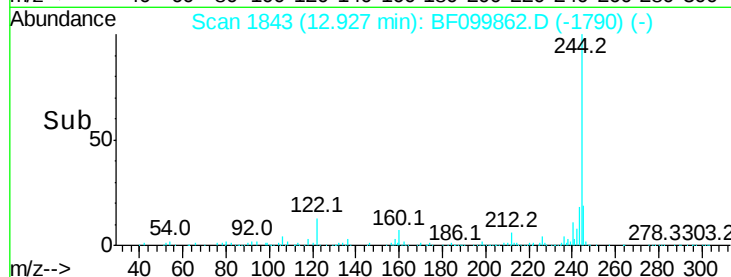
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.7	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 8.627 ng

RT: 13.39 min Scan# 1922

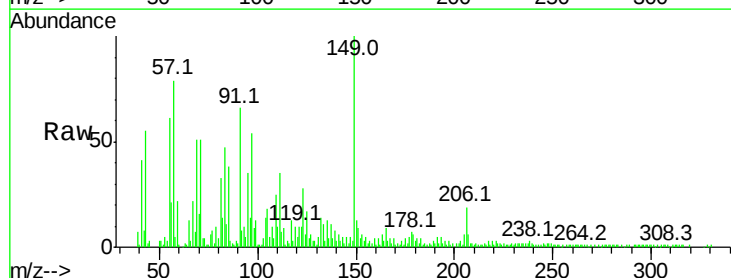
Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Tgt Ion:149 Resp: 54330

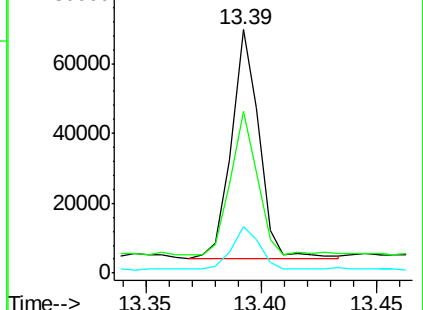
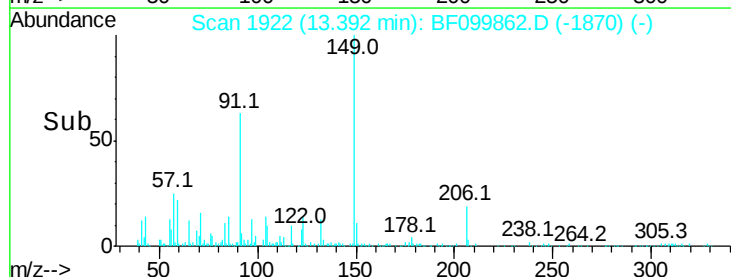
Ion	Ratio	Lower	Upper
149	100		
91	66.4	56.8	85.2
206	19.2	14.1	21.1

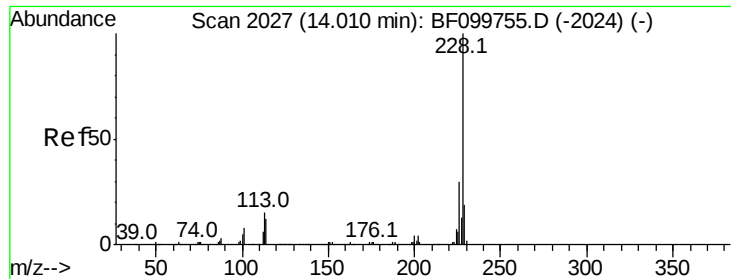


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

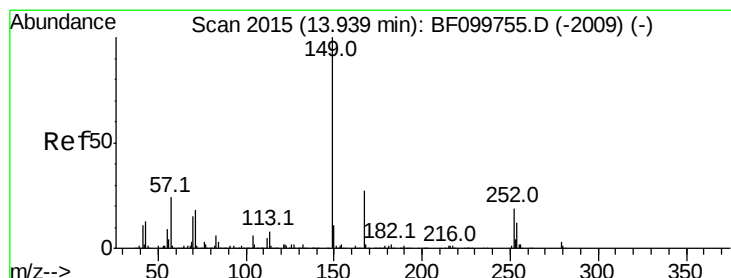
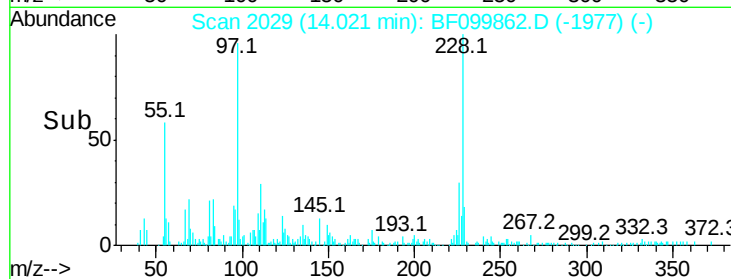
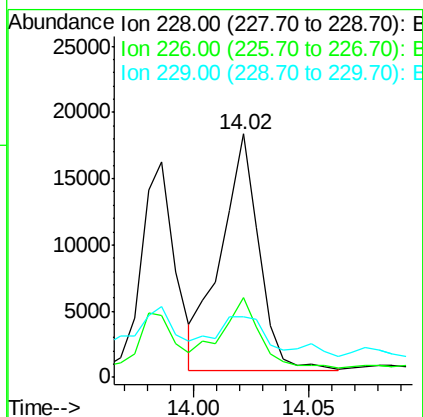
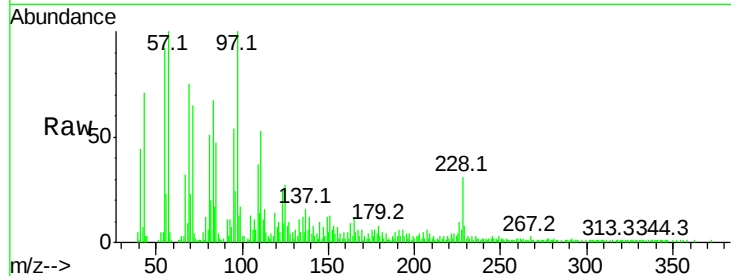




#82
 Chrysene
 Concen: 2.040 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

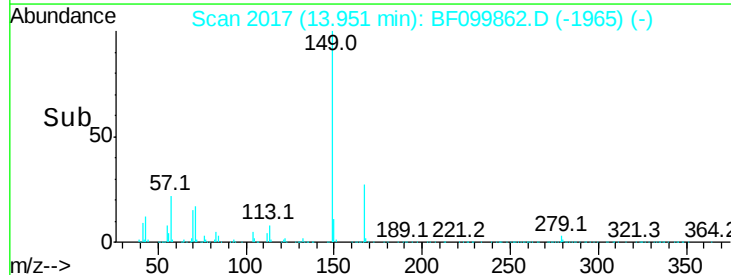
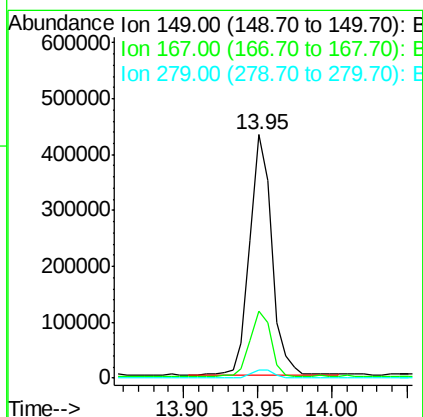
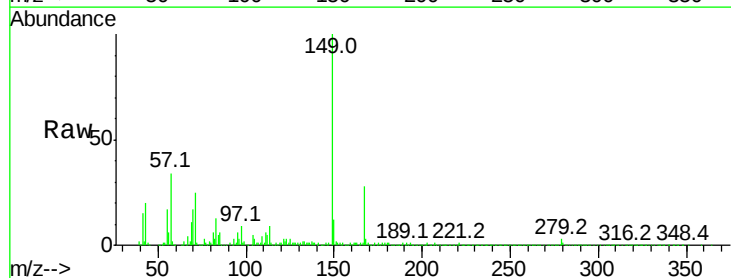
Instrument :
 BNA_F
 ClientSampleId :

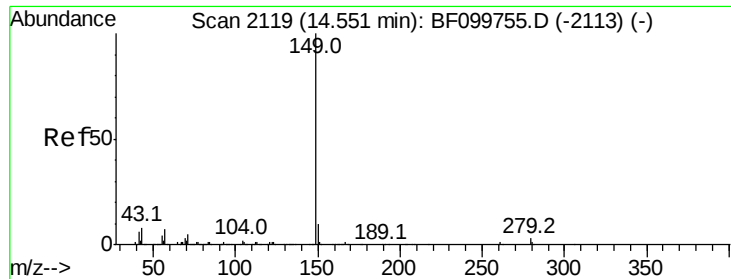
Tot Ion:228 Resp: 20450
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.0 37.6
 229 24.7 16.2 24.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.673 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF099862.D
 Acq: 26 Oct 2017 15:34

Tgt Ion:149 Resp: 439300
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.3 31.9
 279 3.1 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 4.264 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_F

ClientSampleId :

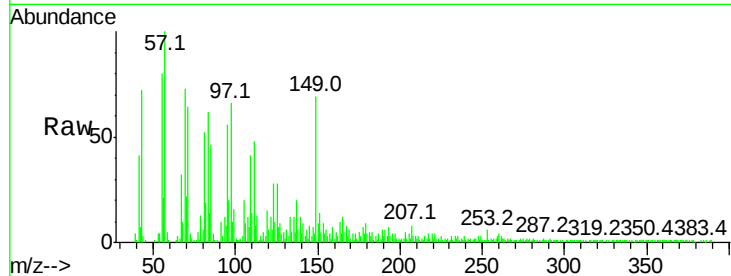
Tot Ion:149 Resp: 64717

Ion Ratio Lower Upper

149 100

167 2.8 1.2 1.8#

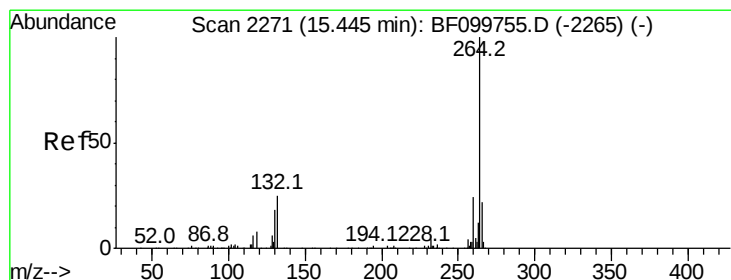
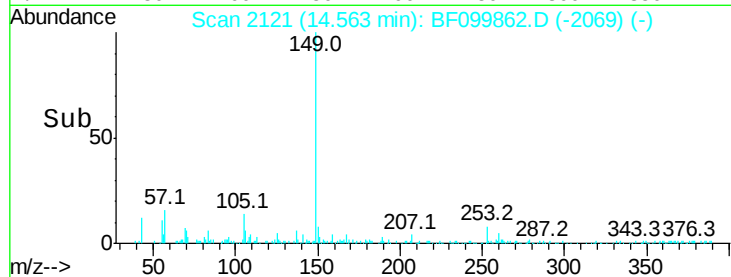
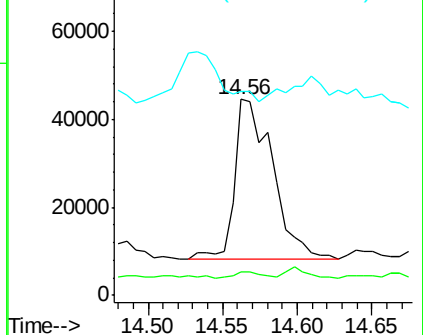
43 0.0 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.02 min

Lab File: BF099862.D

Acq: 26 Oct 2017 15:34

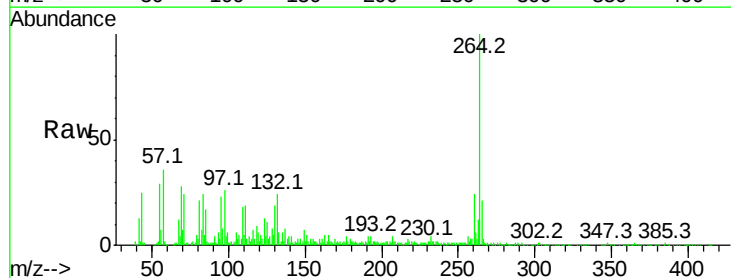
Tgt Ion:264 Resp: 164683

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

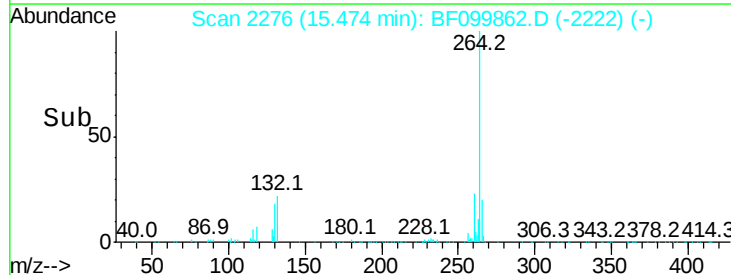
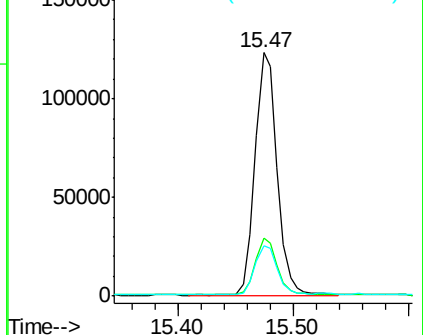
265 20.9 17.5 26.3

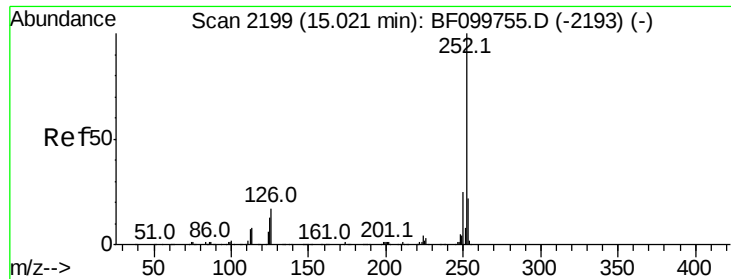


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

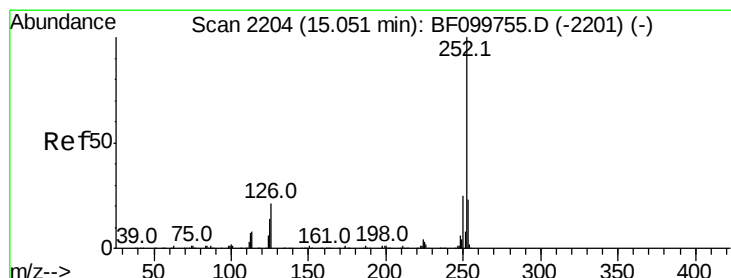
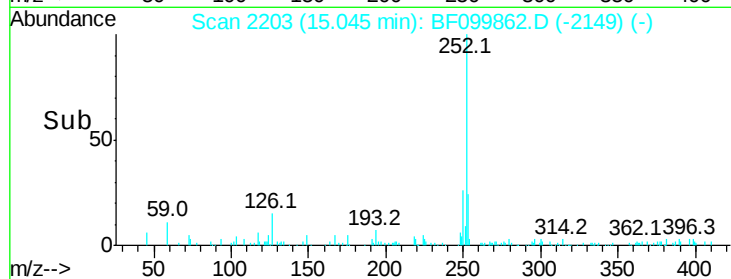
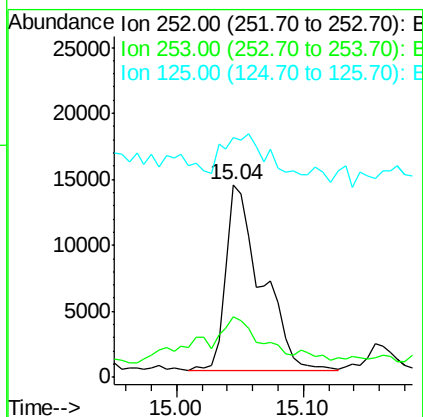
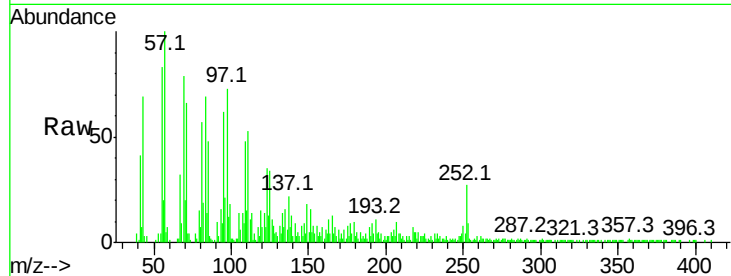




#87
Benzo(b)fluoranthene
Concen: 2.628 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.02 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 27333
Ion Ratio Lower Upper
252 100
253 31.7 17.0 25.6#
125 124.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.787 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099862.D
Acq: 26 Oct 2017 15:34

Tgt Ion:252 Resp: 27333
Ion Ratio Lower Upper
252 100
253 31.7 17.9 26.9#
125 124.4 10.2 15.2#

