

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101199.D
 Acq On : 7 Dec 2017 12:33
 Operator : SJ/JU
 Sample : I6742-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 16:32:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47088	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	153797	20.00	ng	0.01
38) Acenaphthene-d10	9.86	164	9414	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	114563	20.00	ng	0.05
75) Chrysene-d12	14.03	240	106076	20.00	ng	0.00
86) Perylene-d12	15.50	264	105969	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	191822	67.32	ng	0.00
7) Phenol-d6	6.51	99	136609	39.49	ng	0.03
23) Nitrobenzene-d5	7.42	82	283799	110.08	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	97138	858.95	ng	0.06
44) 2-Fluorobiphenyl	9.23	172	528078	767.49	ng	0.02
78) Terphenyl-d14	12.97	244	484179	99.84	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	15873	7.496	ng	# 1
10) Phenol	6.53	94	10869	2.825	ng	# 1
15) Benzyl Alcohol	7.00	79	12500	4.678	ng	# 38
18) Hexachloroethane	7.34	117	10240	8.509	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	8313	3.568	ng	# 82
22) Acetophenone	7.24	105	143743	38.686	ng	# 57
24) Nitrobenzene	7.42	77	18792	7.437	ng	# 21
25) Isophorone	7.66	82	32166	7.304	ng	# 1
26) 2-Nitrophenol	7.76	139	5672	4.089	ng	# 1
27) 2,4-Dimethylphenol	7.79	122	6000	2.990	ng	# 1
28) bis(2-Chloroethoxy)methane	8.12	93	287426	97.109	ng	# 94
29) 2,4-Dichlorophenol	7.99	162	6091	2.789	ng	# 1
31) Naphthalene	8.17	128	1246372	164.431	ng	# 96
32) Benzoic acid	7.93	122	3141	2.013	ng	# 1
33) 4-Chloroaniline	8.17	127	241132	79.173	ng	# 47
35) Caprolactam	8.57	113	90266	132.611	ng	# 1
36) 4-Chloro-3-methylphenol	8.68	107	12369	5.467	ng	# 8
37) 2-Methylnaphthalene	8.90	142	2726535	529.382	ng	# 96
42) 2,4,6-Trichlorophenol	9.15	196	4721	23.549	ng	# 13
43) 2,4,5-Trichlorophenol	9.15	196	4721	22.027	ng	# 1
45) 1,1'-Biphenyl	9.33	154	72306	83.832	ng	# 95
46) 2-Chloronaphthalene	9.44	162	52142	85.124	ng	# 26
47) 2-Nitroaniline	9.41	65	13856	76.456	ng	# 40
48) Acenaphthylene	9.73	152	118600	117.817	ng	# 1
49) Dimethylphthalate	9.64	163	15666	20.634	ng	# 1
50) 2,6-Dinitrotoluene	9.64	165	2324	14.533	ng	# 1
51) Acenaphthene	9.87	154	6901	11.449	ng	# 53
52) 3-Nitroaniline	9.81	138	5445	30.279	ng	# 72
53) 2,4-Dinitrophenol	9.97	184	834	14.358	ng	# 1
54) Dibenzofuran	10.05	168	10173	11.711	ng	# 1
55) 4-Nitrophenol	9.96	139	98316	810.679	ng	# 41
56) 2,4-Dinitrotoluene	10.06	165	17687	82.532	ng	# 51
57) Fluorene	10.40	166	13414	18.996	ng	# 1
60) 4-Chlorophenyl-phenylether	10.40	204	10096	28.958	ng	# 1

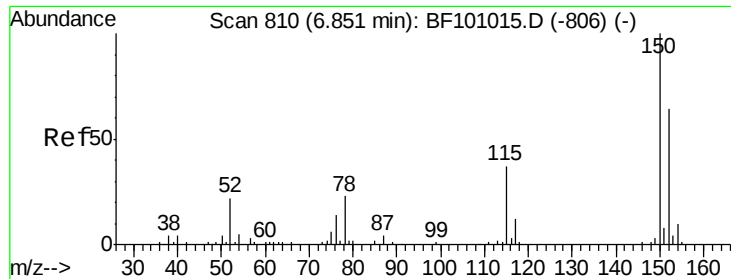
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	10.40	138	11840	63.427	nq	97
62) Azobenzene	10.60	77	12923	20.335	nq	# 42
64) 4,6-Dinitro-2-methylphenol	10.56	198	2546	3.313	nq	# 1
65) n-Nitrosodiphenylamine	10.60	169	550338	136.166	nq	# 50
68) Atrazine	11.10	200	5051	4.074	nq	# 1
69) Pentachlorophenol	11.24	266	1700	2.250	nq	# 19
70) Phenanthrene	11.46	178	722589	114.534	nq	# 95
71) Anthracene	11.50	178	88476	13.856	nq	# 69
74) Fluoranthene	12.62	202	30697	4.389	nq	# 90
77) Pvrene	12.84	202	60324	8.241	nq	# 91
83) Bis(2-ethylhexyl)phthalate	13.99	149	301197	65.458	nq	# 99

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

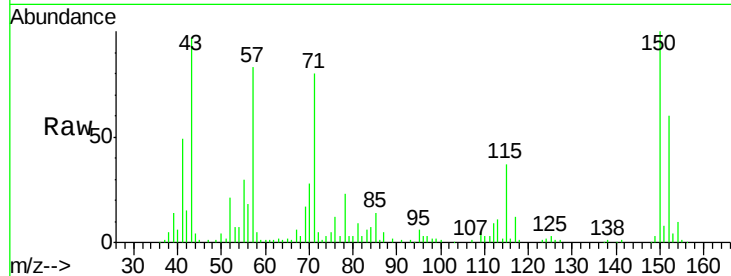


#1

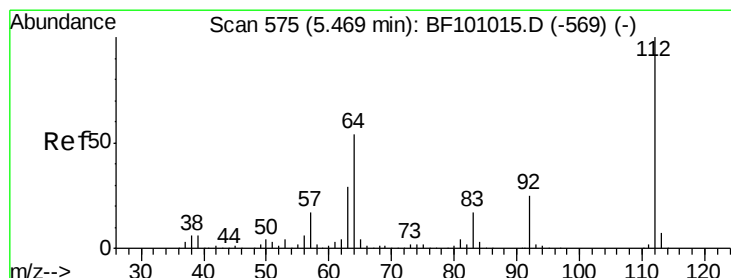
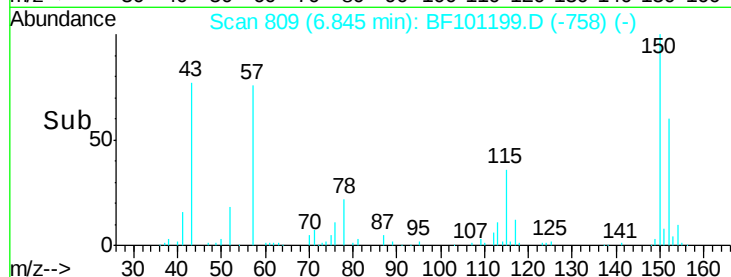
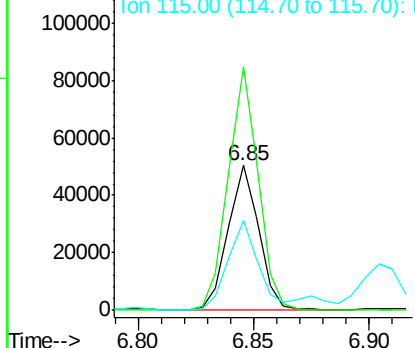
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47088
Ion Ratio Lower Upper
152 100
150 168.0 124.6 186.8
115 61.7 50.1 75.1



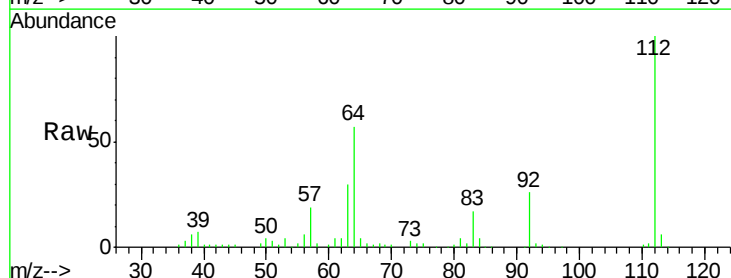
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



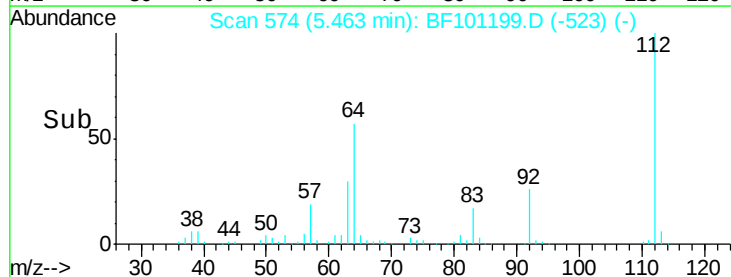
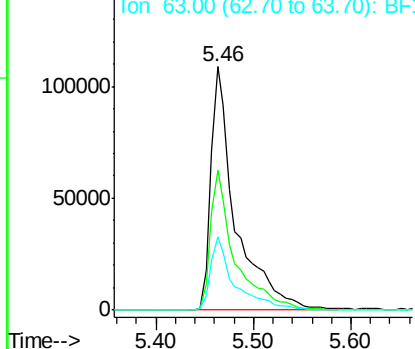
#5

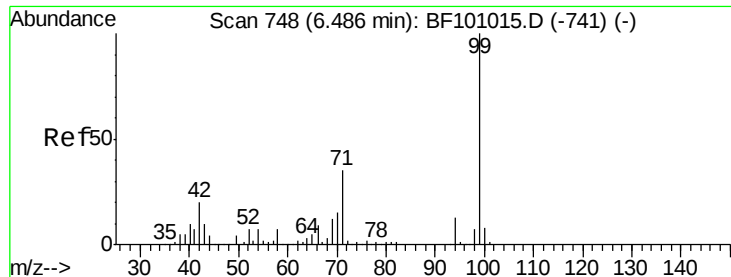
2-Fluorophenol
Concen: 67.315 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion:112 Resp: 191822
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 30.2 23.7 35.5



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





#7

Phenol-d6

Concen: 39.486 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.03 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

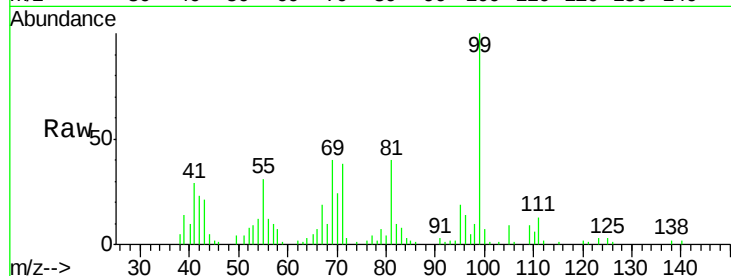
Tot Ion: 99 Resp: 136609

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

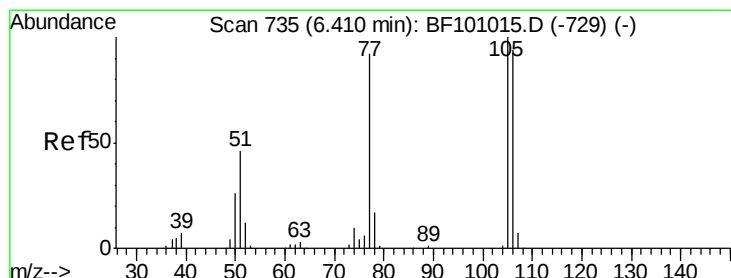
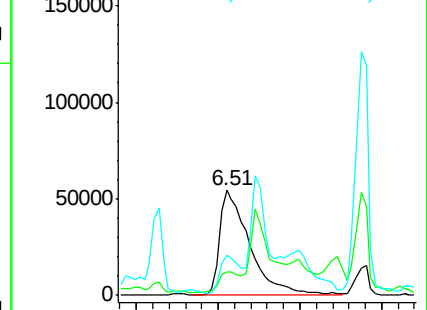
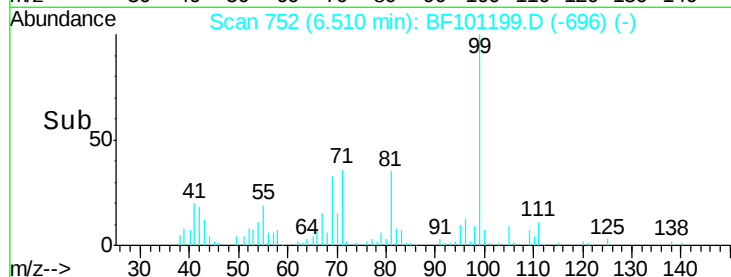
71 38.3 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 7.496 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

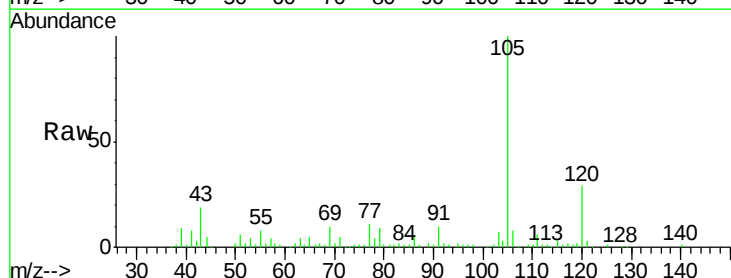
Tgt Ion: 77 Resp: 15873

Ion Ratio Lower Upper

77 100

105 880.9 81.1 121.1#

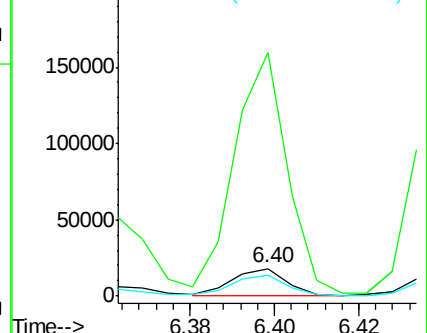
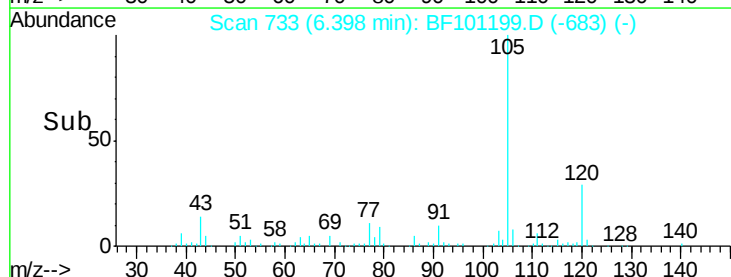
106 73.3 74.5 114.5#

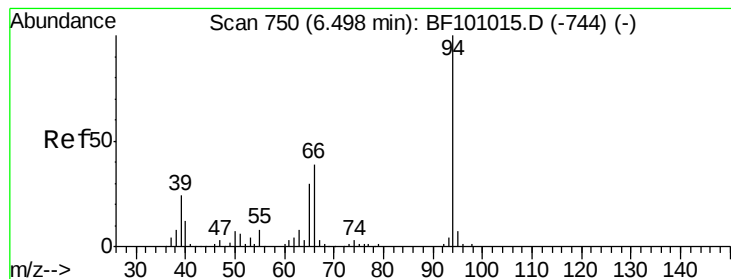


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.825 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.04 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

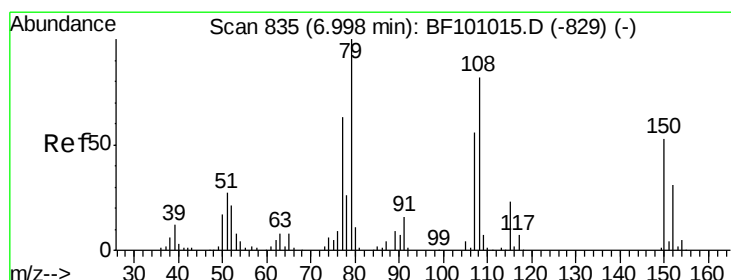
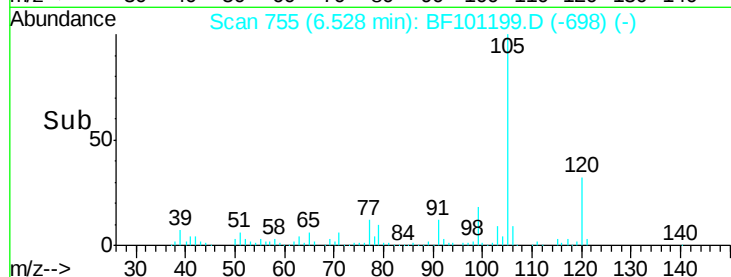
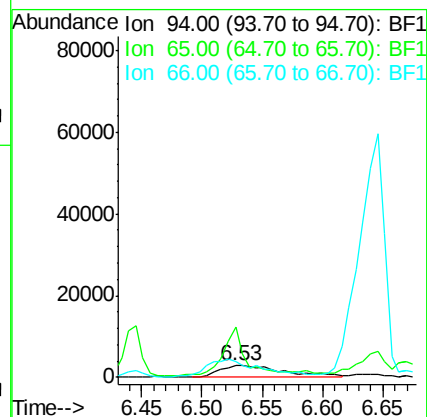
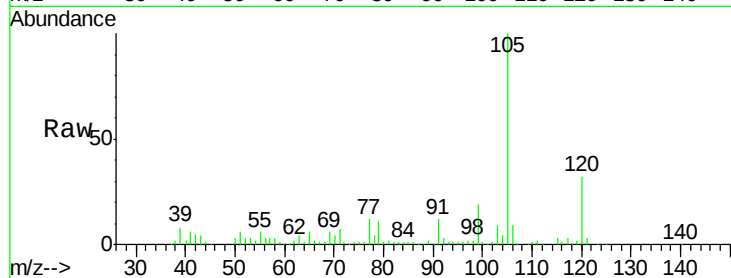
Tot Ion: 94 Resp: 10869

Ion Ratio Lower Upper

94 100

65 425.4 7.9 47.9#

66 135.2 16.2 56.2#



#15

Benzyl Alcohol

Concen: 4.678 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

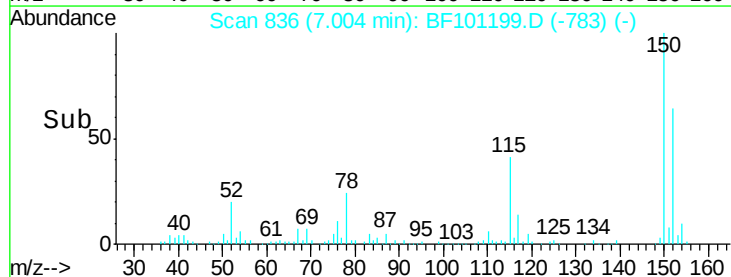
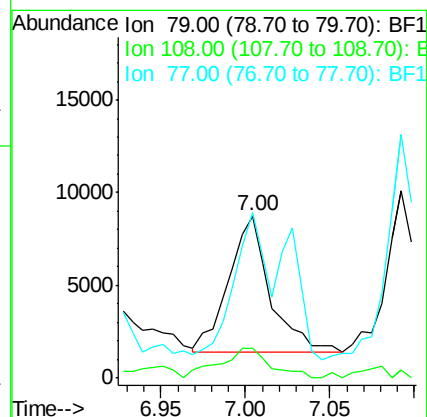
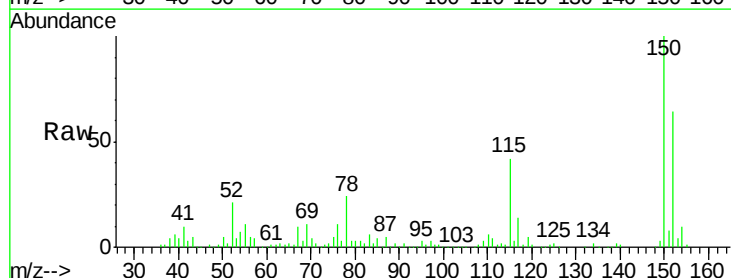
Tgt Ion: 79 Resp: 12500

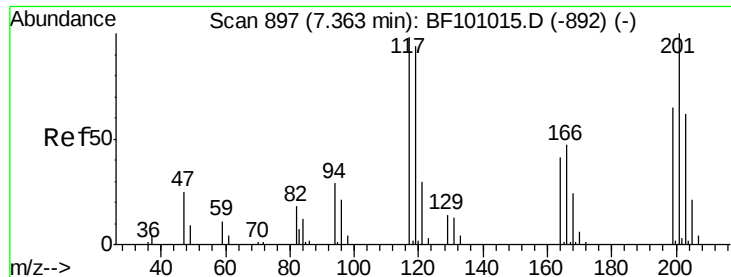
Ion Ratio Lower Upper

79 100

108 18.3 65.1 97.7#

77 101.8 50.6 75.8#

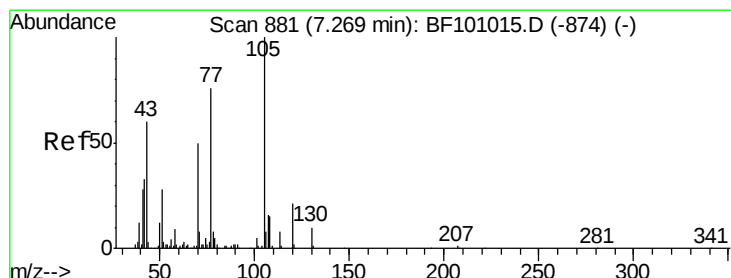
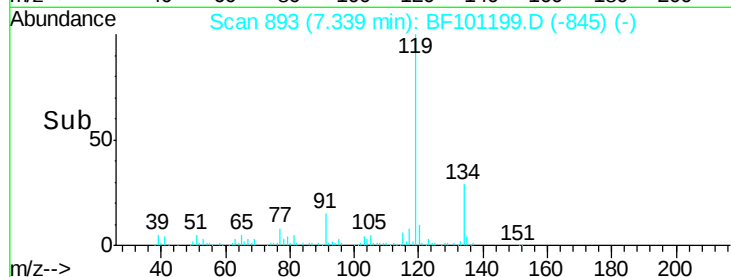
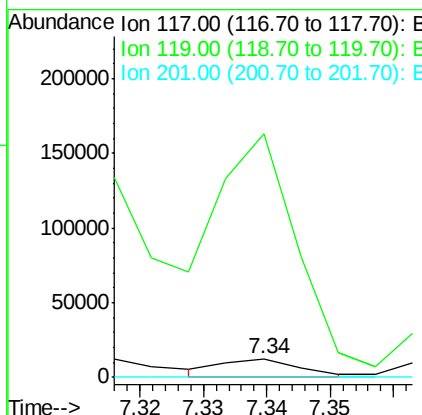
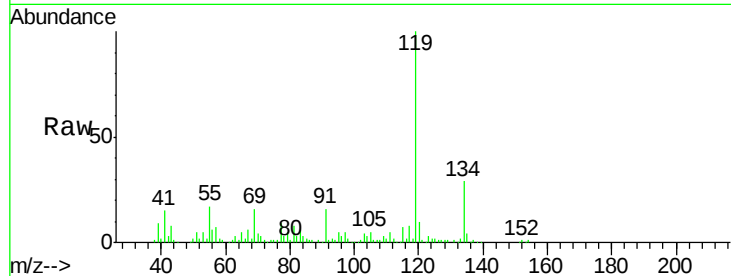




#18
Hexachloroethane
Concen: 8.509 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

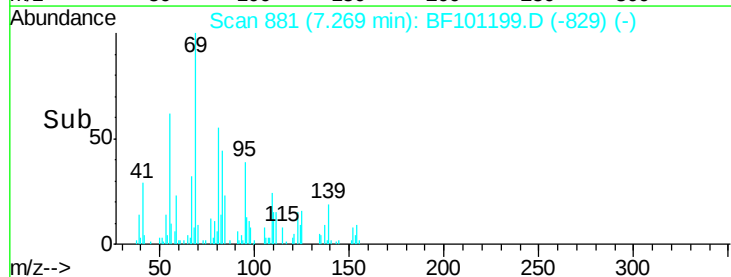
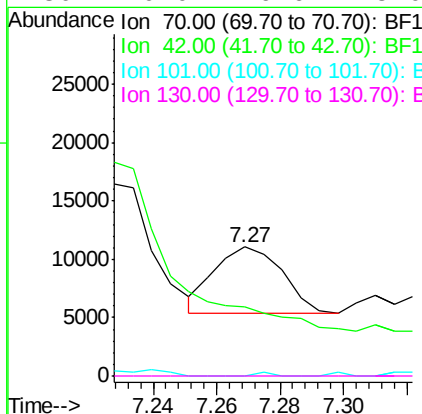
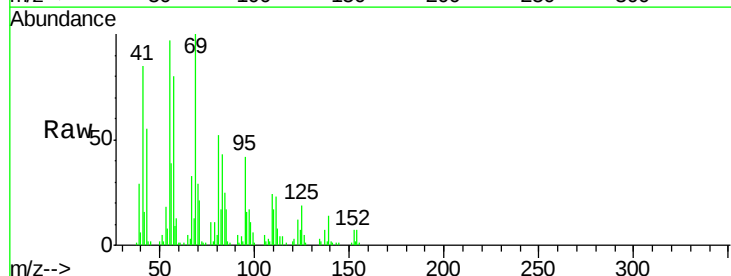
Instrument :
BNA_F
ClientSampleId :

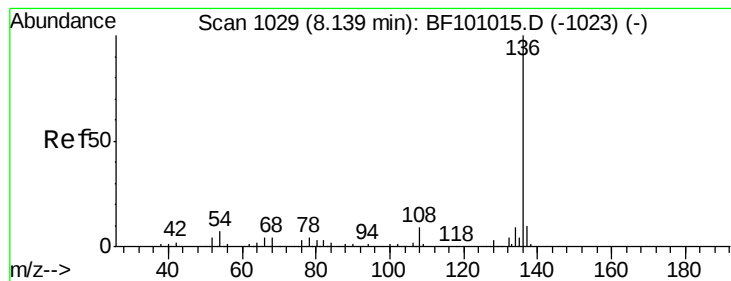
Tot Ion:117 Resp: 10240
Ion Ratio Lower Upper
117 100
119 1285.3 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 3.568 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion: 70 Resp: 8313
Ion Ratio Lower Upper
70 100
42 53.6 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: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 153797

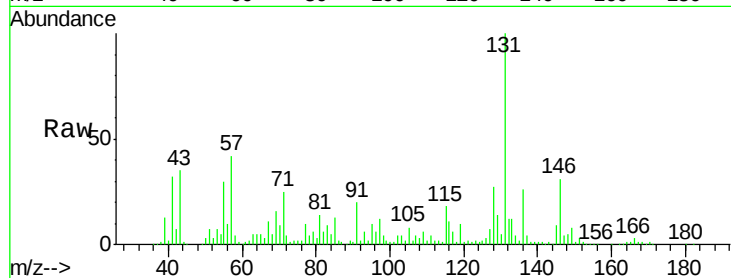
Ion Ratio Lower Upper

136 100

137 14.5 8.9 13.3#

54 19.4 6.6 9.8#

68 17.9 5.0 7.4#

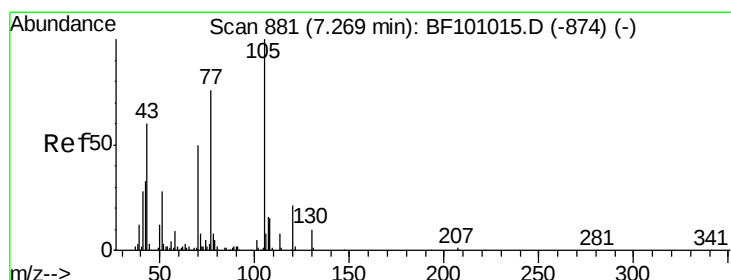
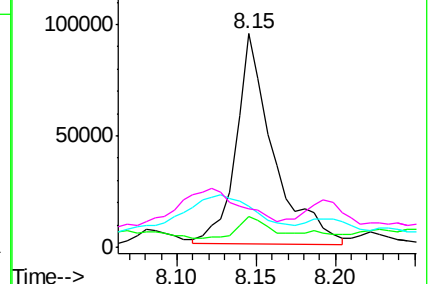
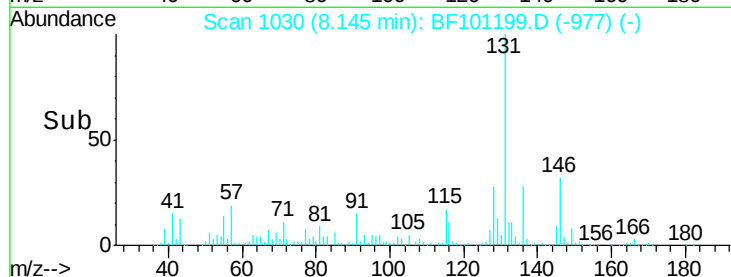


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.686 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Tgt Ion:105 Resp: 143743

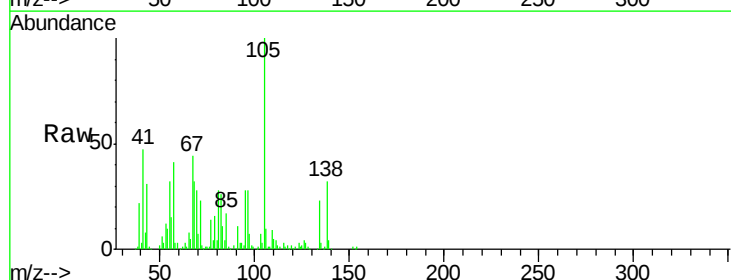
Ion Ratio Lower Upper

105 100

71 23.0 4.4 6.6#

51 6.3 22.3 33.5#

120 0.4 16.9 25.3#

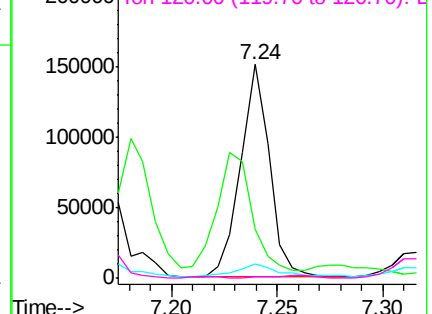
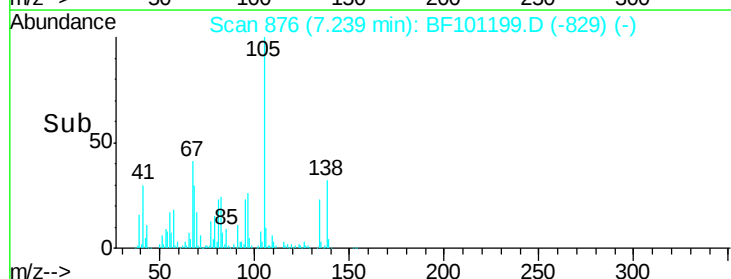


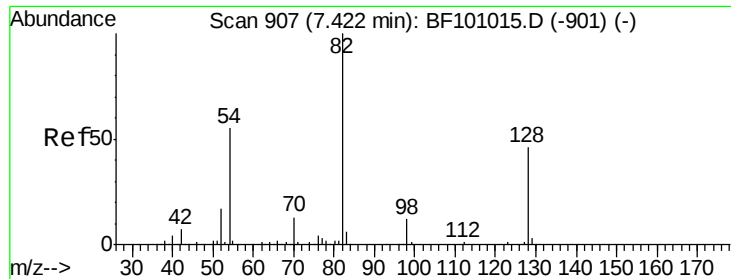
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

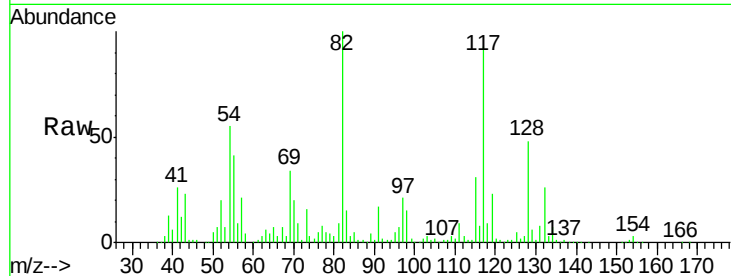




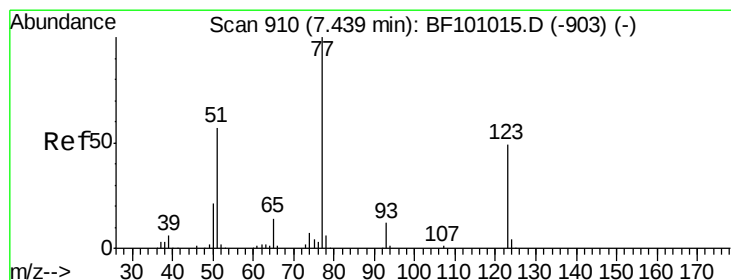
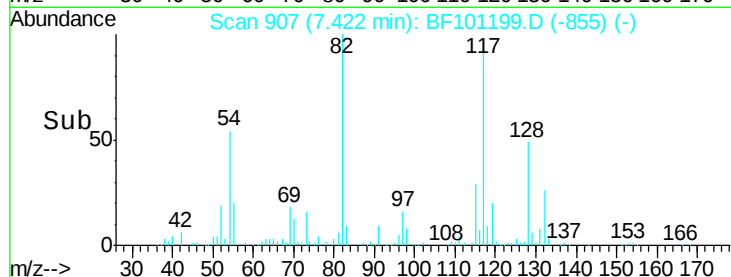
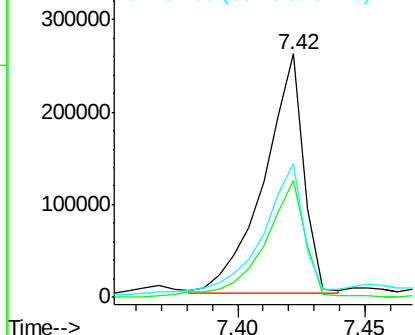
#23
 Nitrobenzene-d5
 Concen: 110.077 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	283799
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.1	54.1
54	55.1	41.4	62.2

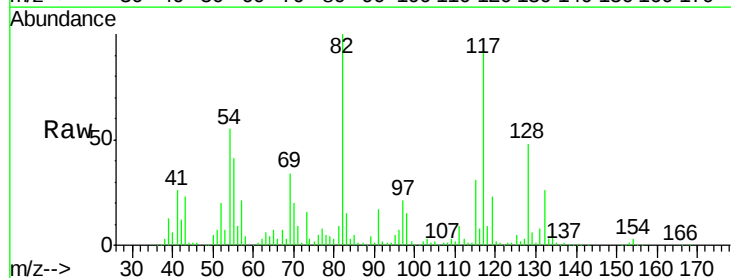


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

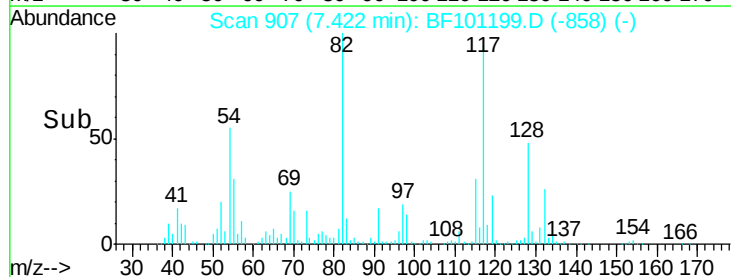
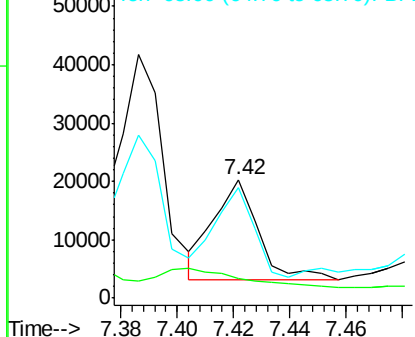


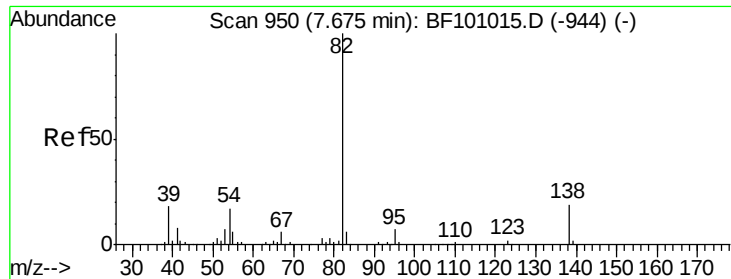
#24
 Nitrobenzene
 Concen: 7.437 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Tgt Ion	77	Resp	18792
Ion Ratio	Lower	Upper	
77	100		
123	16.7	37.9	56.9#
65	92.8	11.0	16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 7.304 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

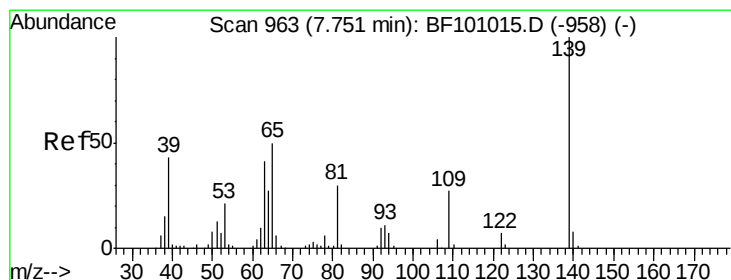
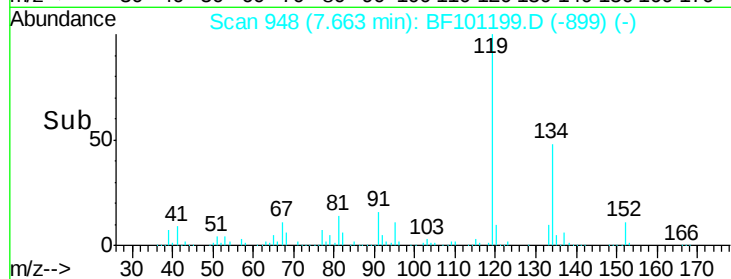
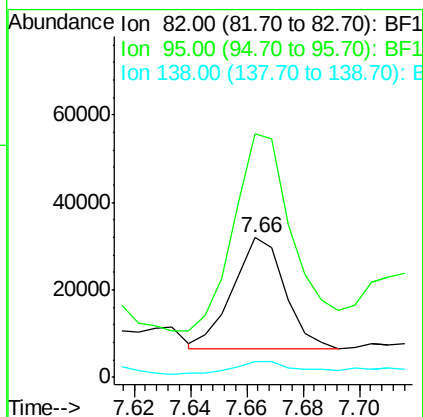
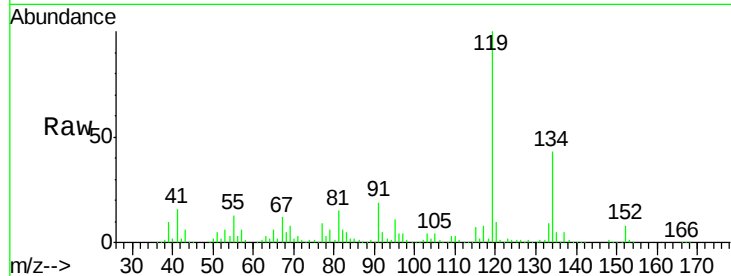
Tot Ion: 82 Resp: 32166

Ion Ratio Lower Upper

82 100

95 174.3 5.2 7.8#

138 10.9 14.9 22.3#



#26

2-Nitrophenol

Concen: 4.089 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

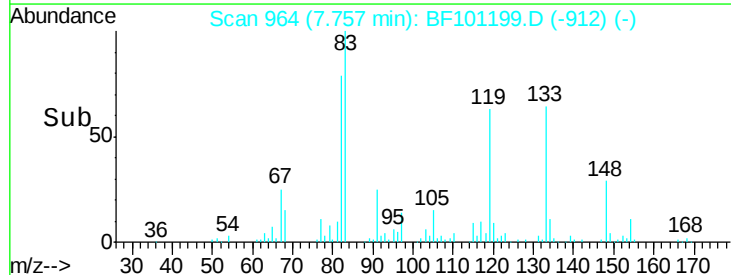
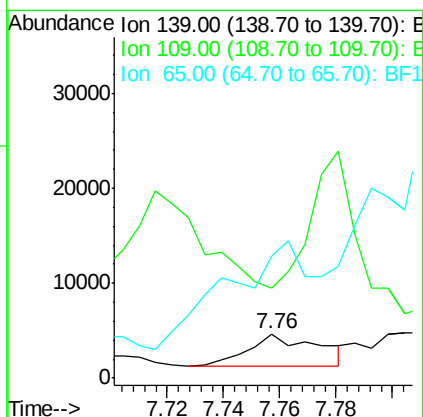
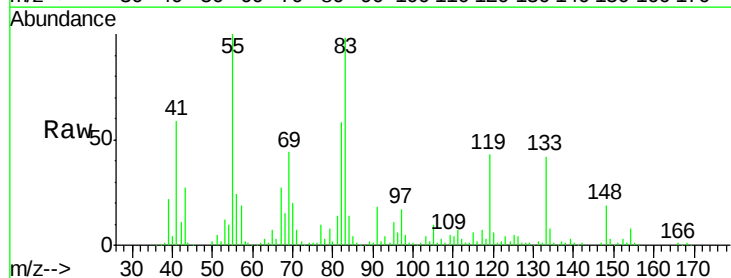
Tgt Ion: 139 Resp: 5672

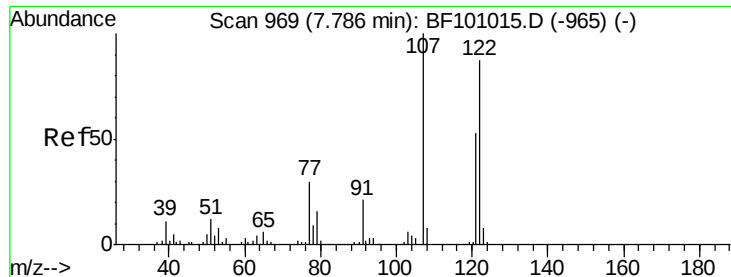
Ion Ratio Lower Upper

139 100

109 203.3 22.7 34.1#

65 275.6 40.5 60.7#

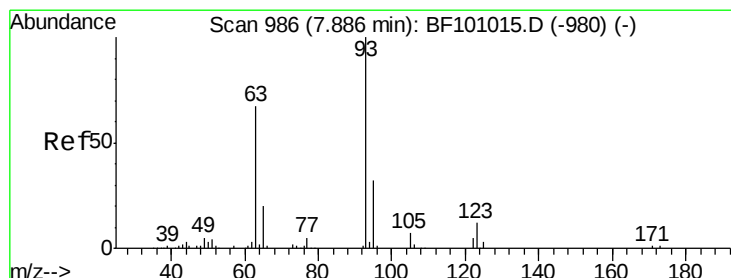
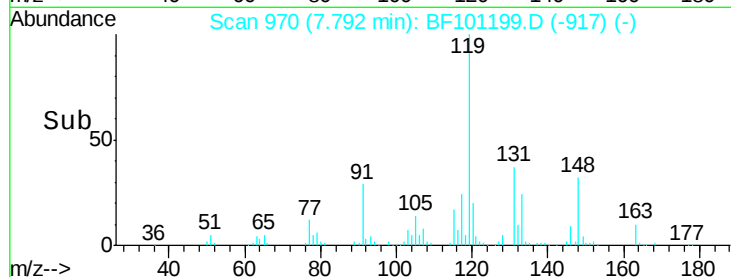
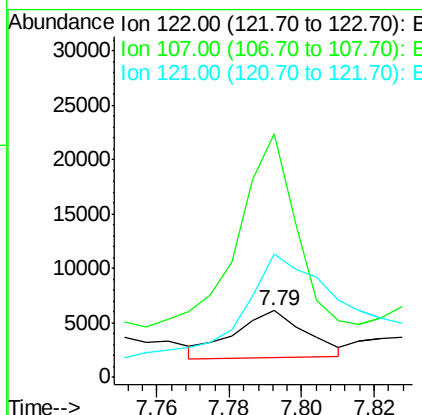
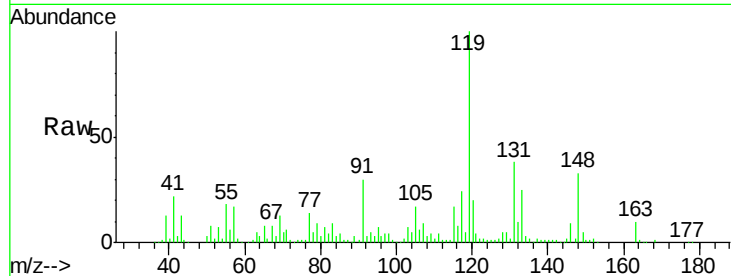




#27
 2,4-Dimethylphenol
 Concen: 2.990 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

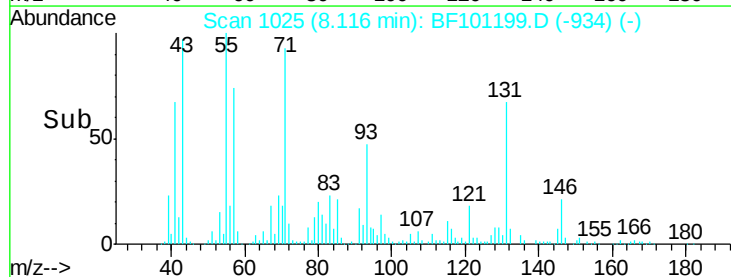
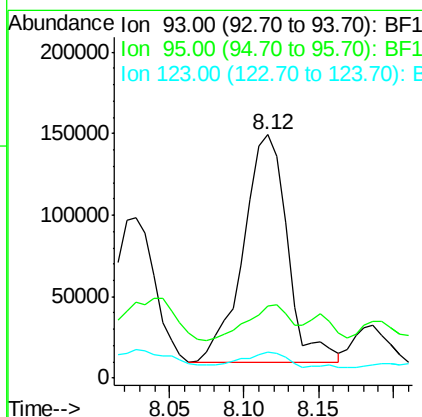
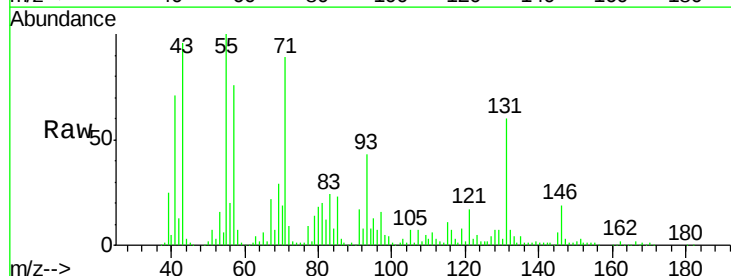
Instrument :
 BNA_F
 ClientSampleId :

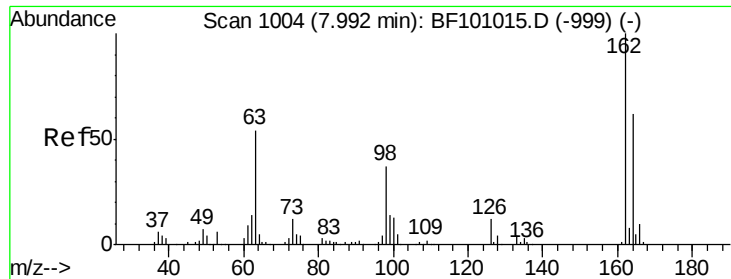
Tot Ion:122 Resp: 6000
 Ion Ratio Lower Upper
 122 100
 107 366.5 91.2 136.8#
 121 186.4 47.2 70.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 97.109 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.24 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Tgt Ion: 93 Resp: 287426
 Ion Ratio Lower Upper
 93 100
 95 29.5 26.3 39.5
 123 10.5 9.8 14.6

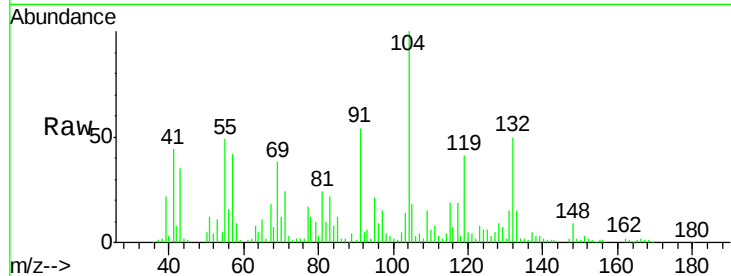




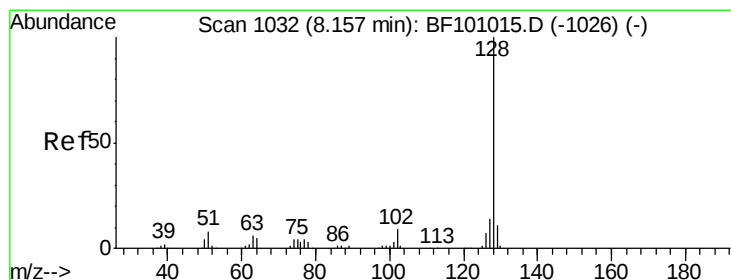
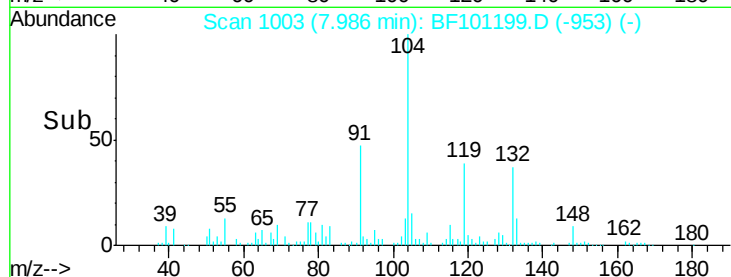
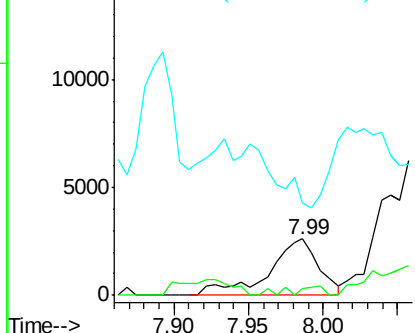
#29
2,4-Dichlorophenol
Concen: 2.789 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	12.7	42.7	82.7#
98	164.6	18.1	58.1#

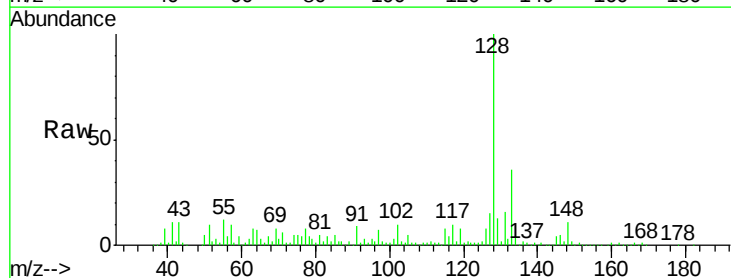


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

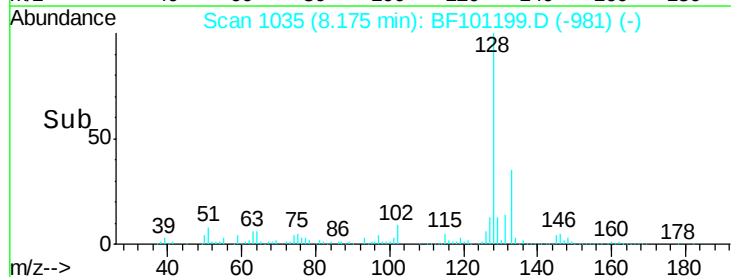
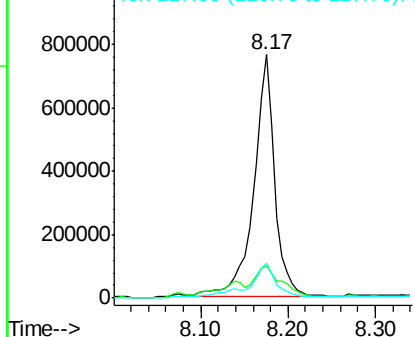


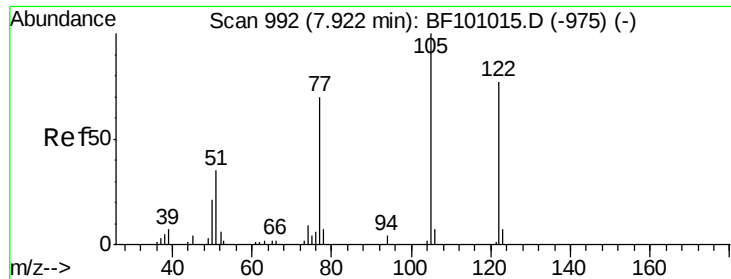
#31
Naphthalene
Concen: 164.431 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.8	13.2#
127	14.5	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

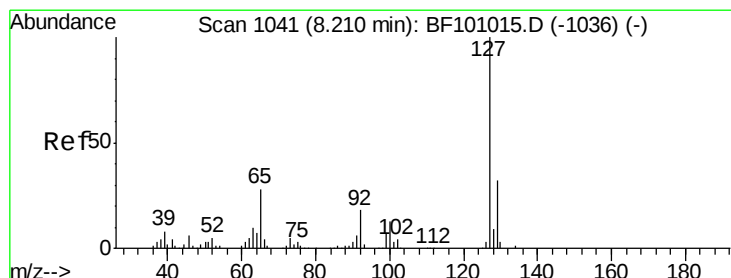
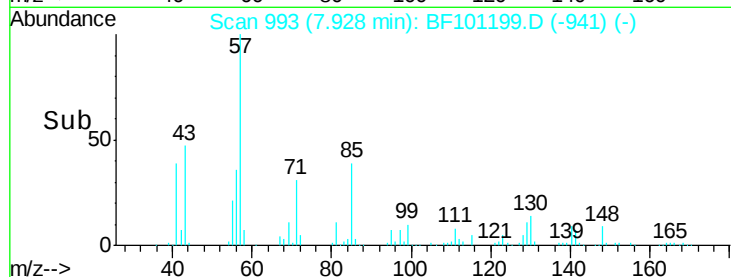
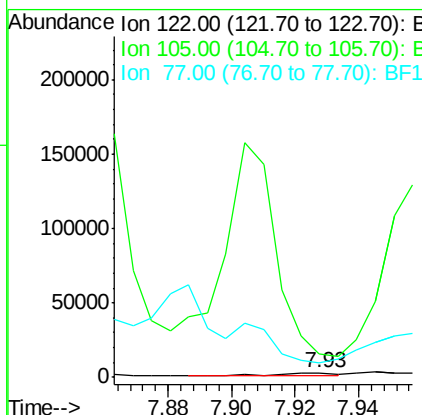
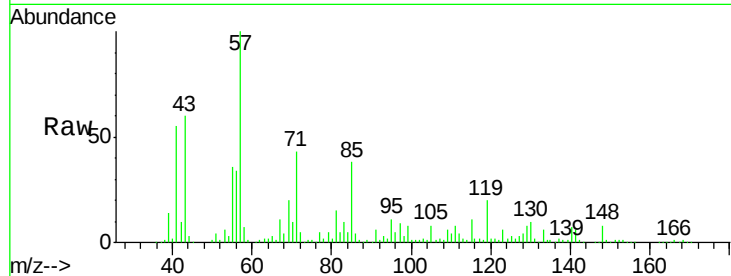




#32
Benzoic acid
Concen: 2.013 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

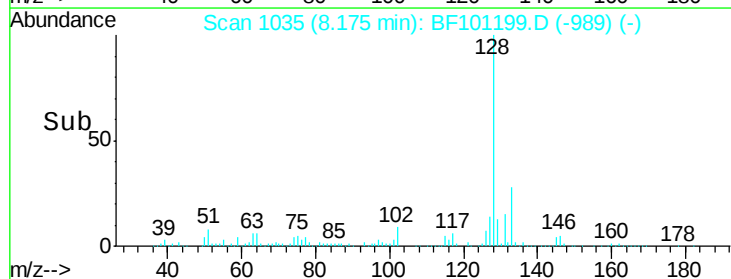
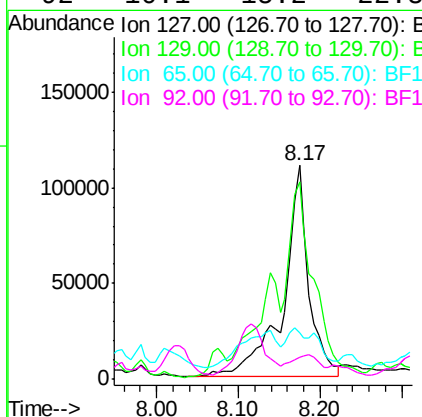
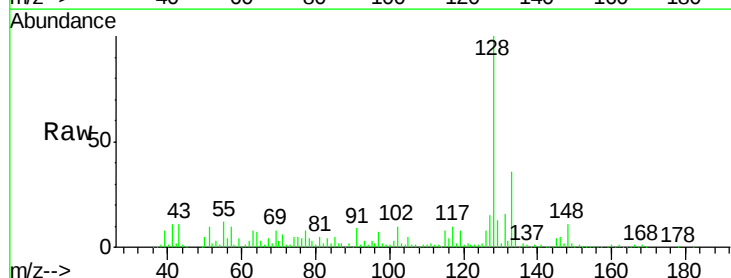
Instrument :
BNA_F
ClientSampleId :

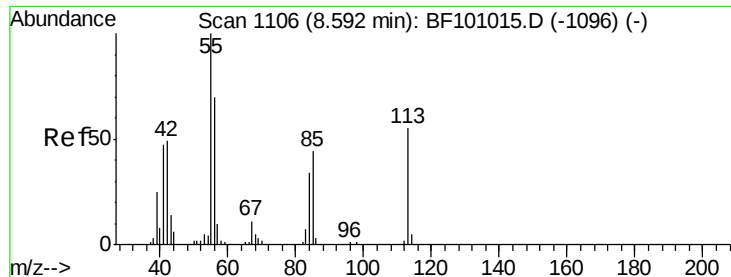
Tot Ion:122 Resp: 3141
Ion Ratio Lower Upper
122 100
105 553.5 101.1 141.1#
77 353.1 70.7 110.7#



#33
4-Chloroaniline
Concen: 79.173 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion:127 Resp: 241132
Ion Ratio Lower Upper
127 100
129 92.5 25.9 38.9#
65 21.5 25.0 37.4#
92 10.1 15.2 22.8#

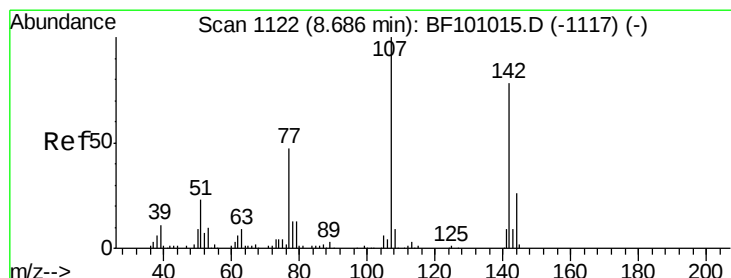
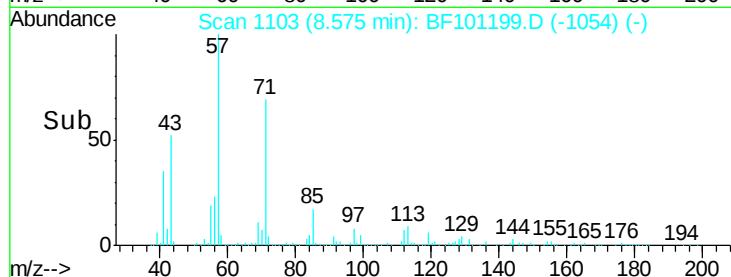
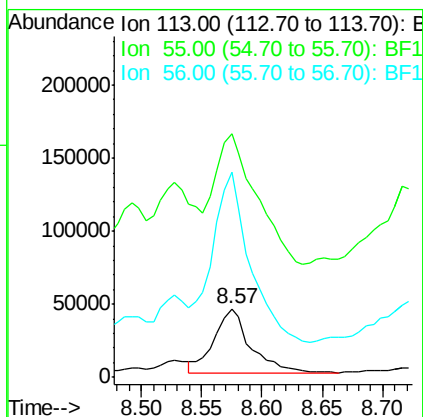
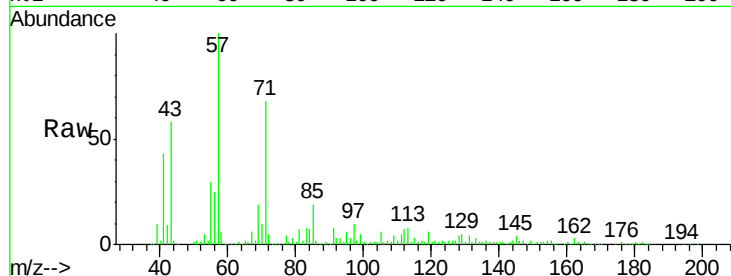




#35
 Caprolactam
 Concen: 132.611 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

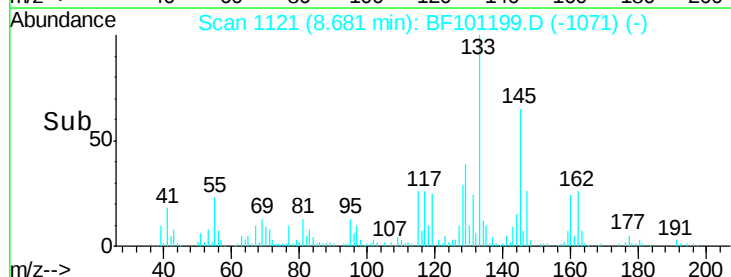
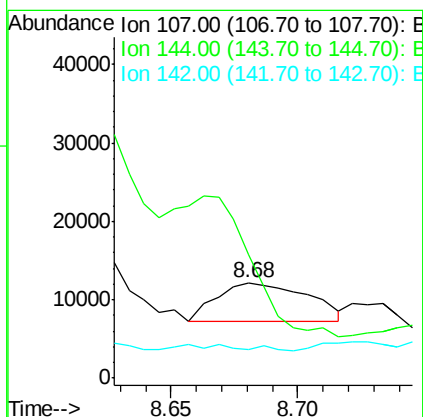
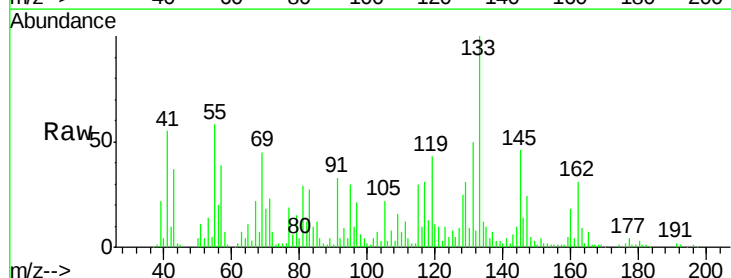
Instrument :
 BNA_F
 ClientSampleId :

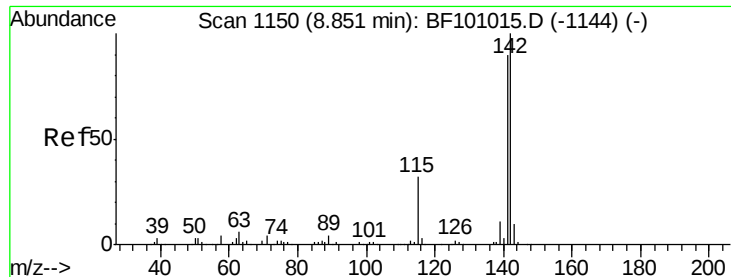
Tot Ion:113 Resp: 90266
 Ion Ratio Lower Upper
 113 100
 55 354.0 163.3 203.3#
 56 297.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 5.467 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Tgt Ion:107 Resp: 12369
 Ion Ratio Lower Upper
 107 100
 144 129.4 20.5 30.7#
 142 30.0 62.0 93.0#

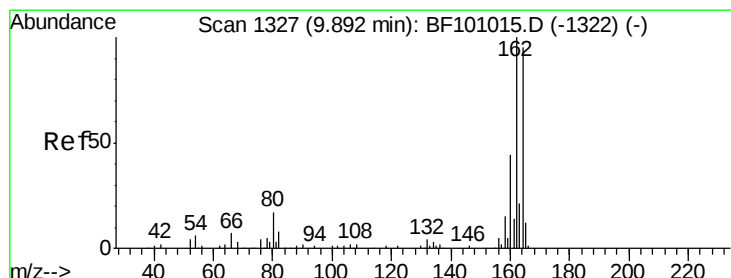
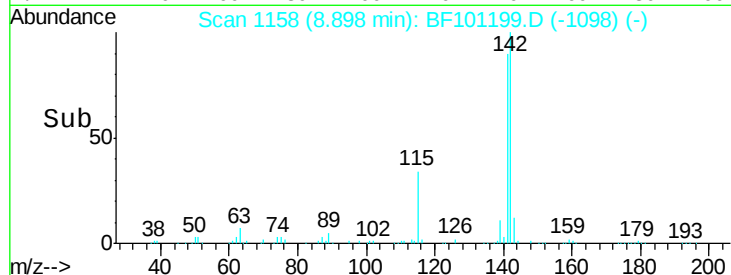
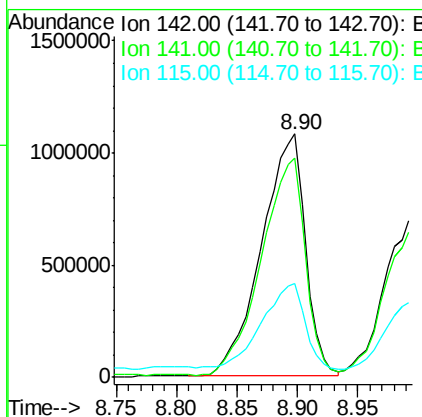
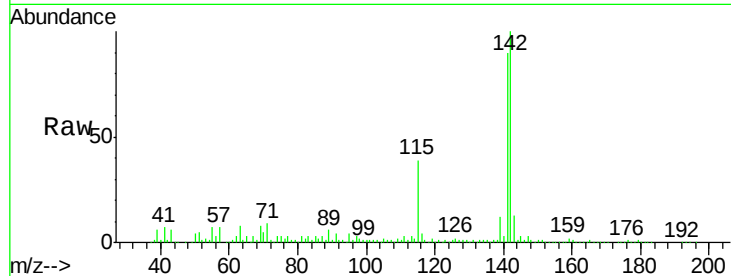




#37
2-Methylnaphthalene
Concen: 529.382 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.05 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

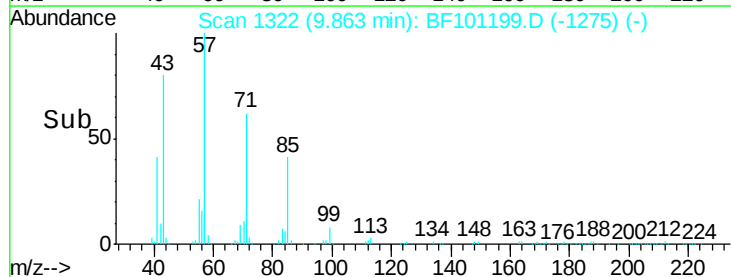
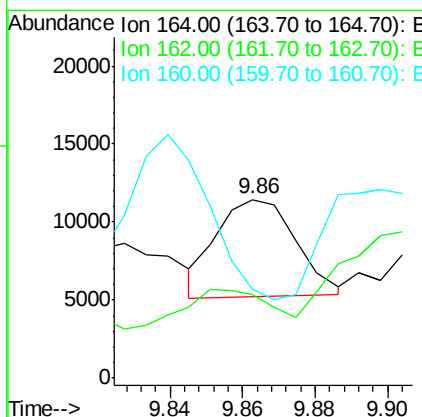
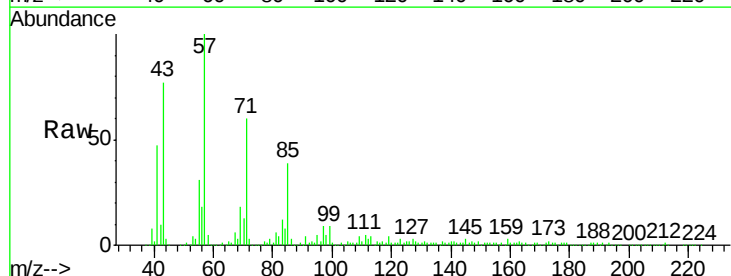
Instrument :
BNA_F
ClientSampled :

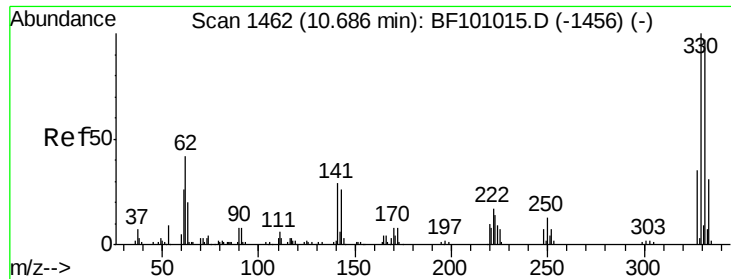
Tot Ion:142 Resp: 2726535
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 38.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion:164 Resp: 9414
Ion Ratio Lower Upper
164 100
162 46.7 86.1 129.1#
160 49.8 38.3 57.5

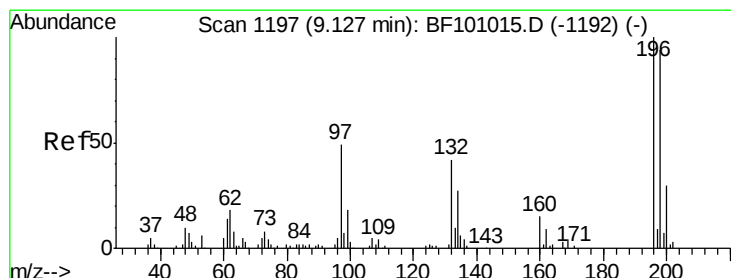
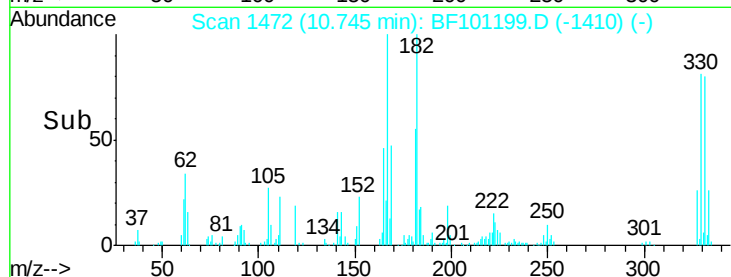
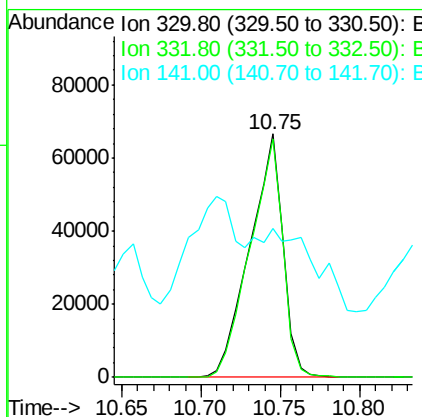
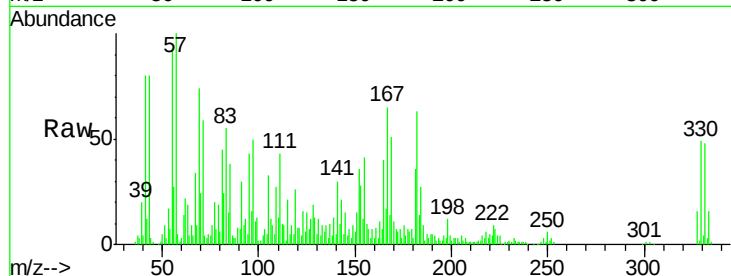




#41
 2,4,6-Tribromophenol
 Concen: 858.953 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. 0.06 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

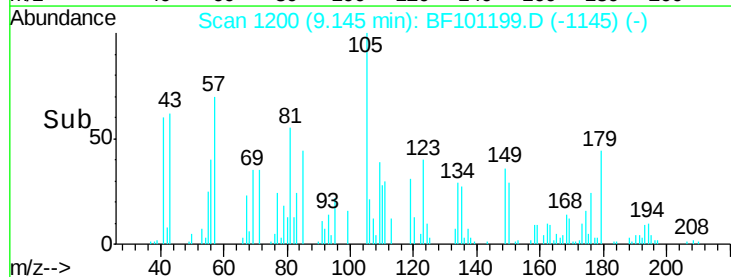
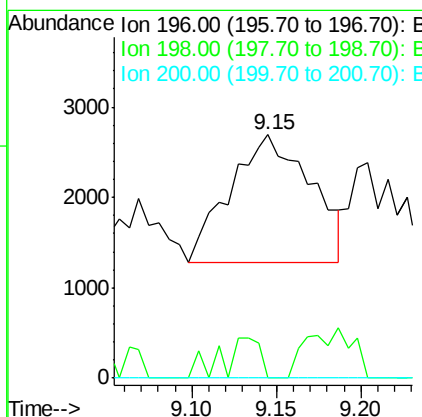
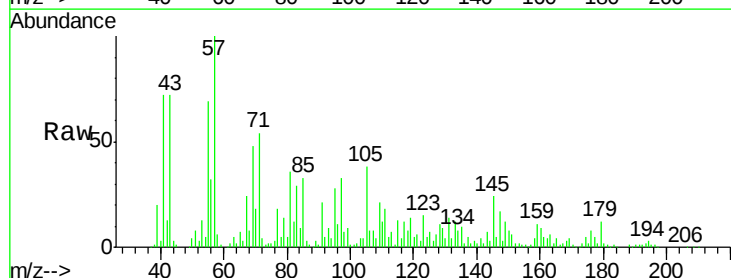
Instrument :
 BNA_F
 ClientSampleId :

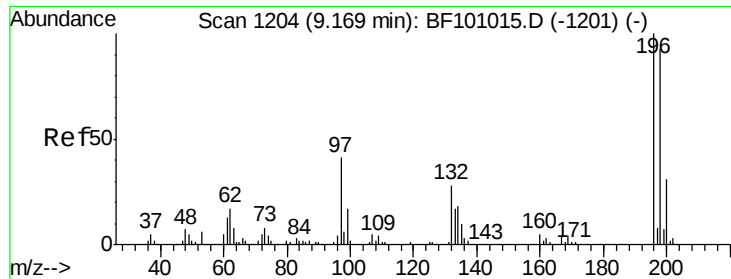
Tot Ion:330 Resp: 97138
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 0.0 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 23.549 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.02 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Tgt Ion:196 Resp: 4721
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 24.5 36.7#

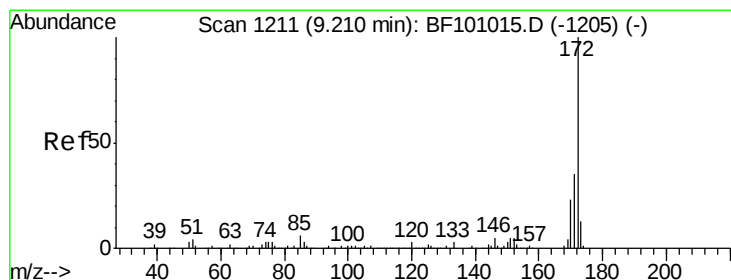
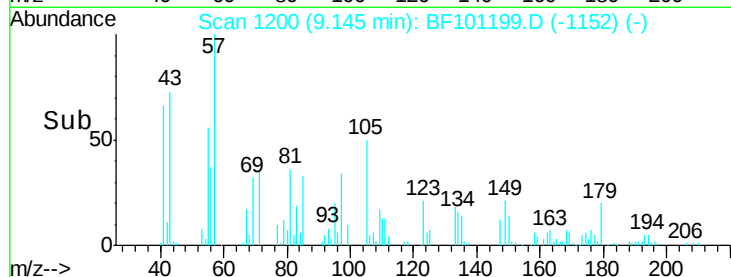
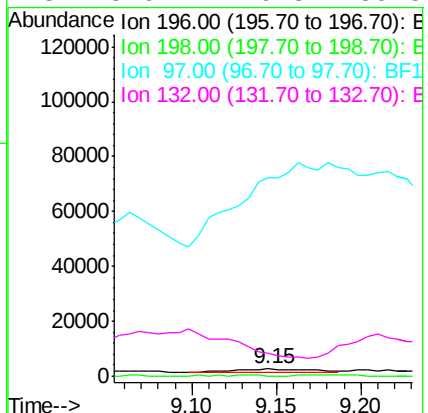
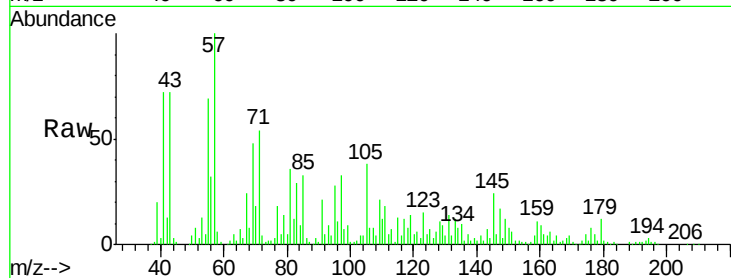




#43
 2,4,5-Trichlorophenol
 Concen: 22.027 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

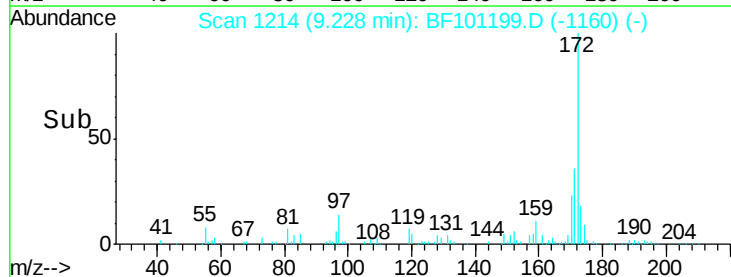
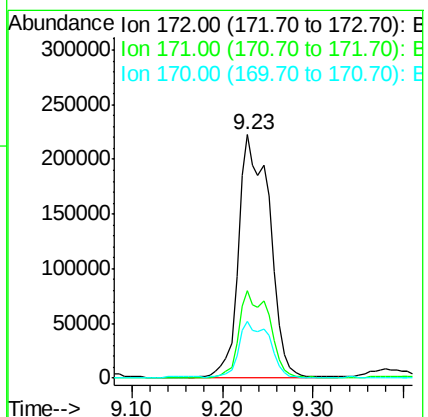
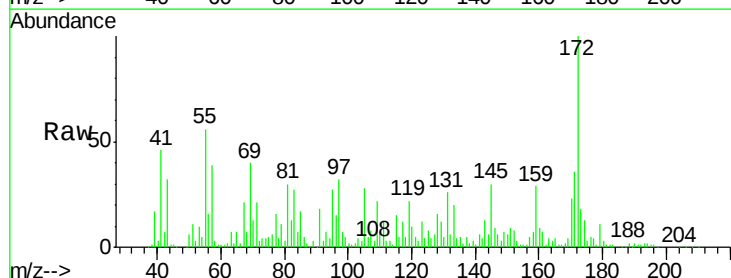
Instrument :
 BNA_F
 ClientSampleId :

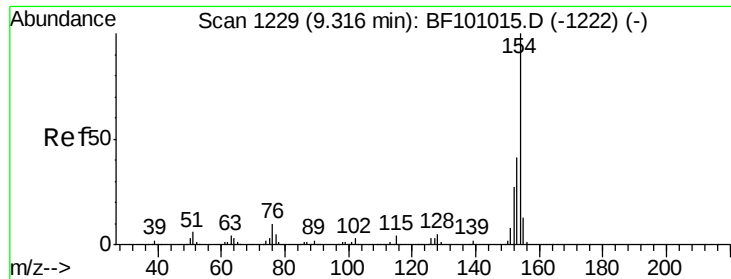
Tot Ion:196 Resp: 4721
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.6 112.0#
 97 2682.3 42.9 64.3#
 132 310.4 26.3 39.5#



#44
 2-Fluorobiphenyl
 Concen: 767.491 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Tgt Ion:172 Resp: 528078
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.4 19.6 29.4

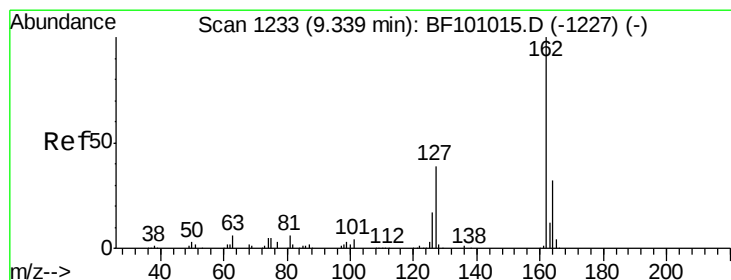
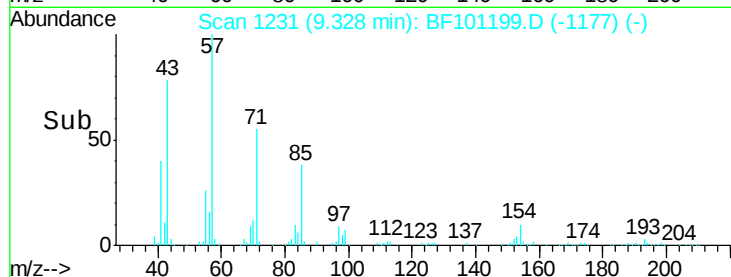
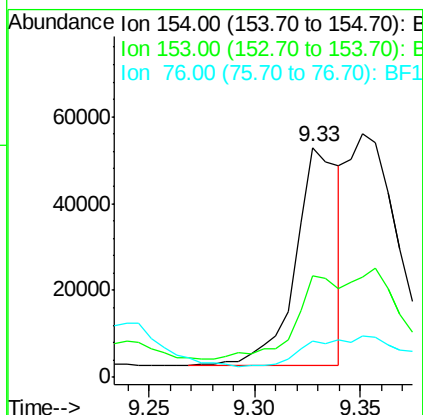
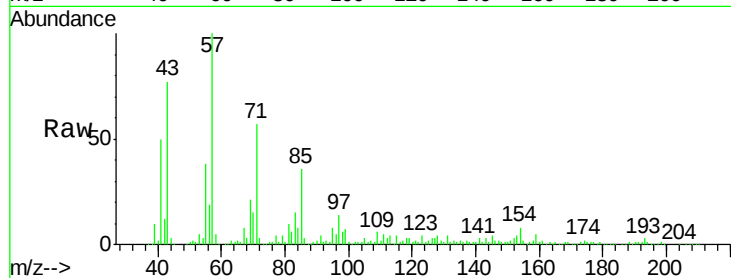




#45
 1,1'-Biphenyl
 Concen: 83.832 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.02 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

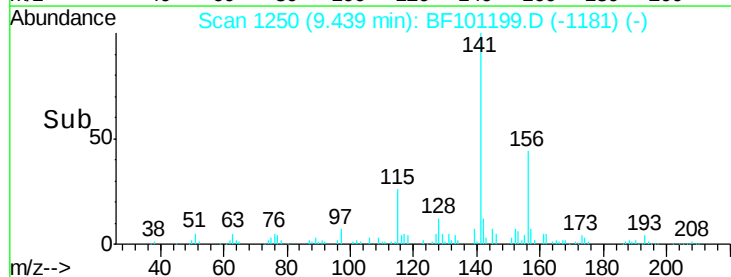
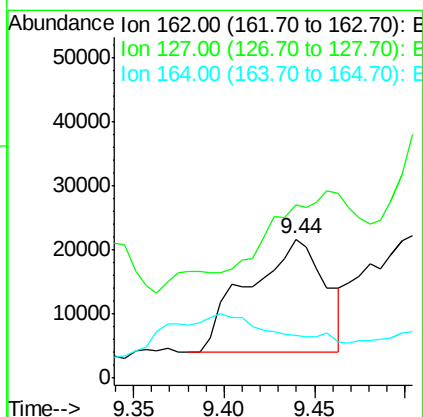
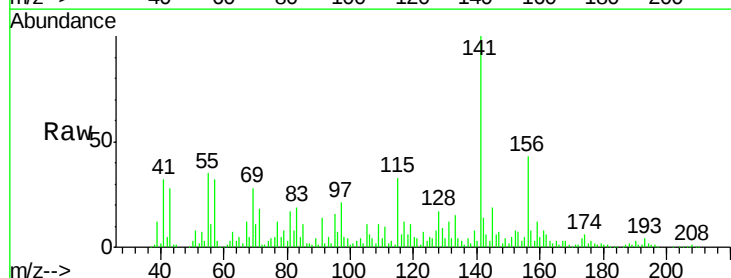
Instrument :
 BNA_F
 ClientSampleId :

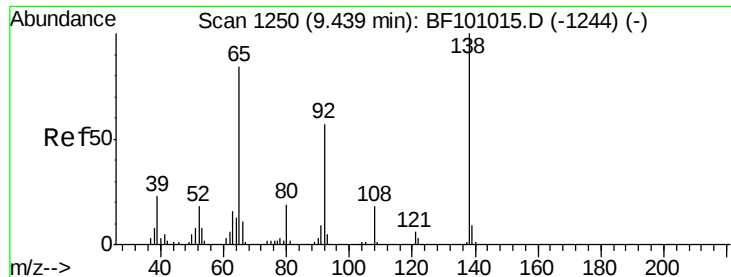
Tot Ion:154 Resp: 72306
 Ion Ratio Lower Upper
 154 100
 153 44.2 21.3 61.3
 76 15.8 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 85.124 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.11 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Tgt Ion:162 Resp: 52142
 Ion Ratio Lower Upper
 162 100
 127 124.4 33.9 50.9#
 164 30.7 26.5 39.7

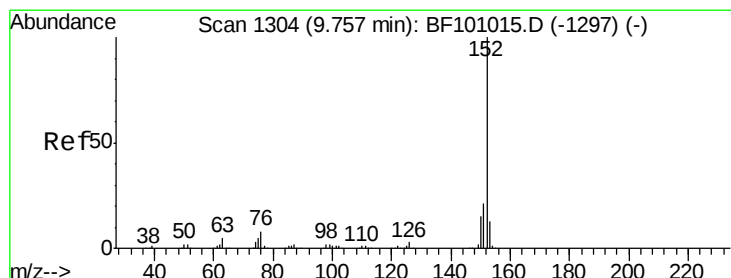
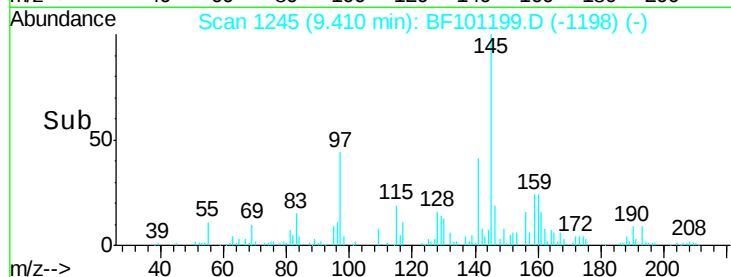
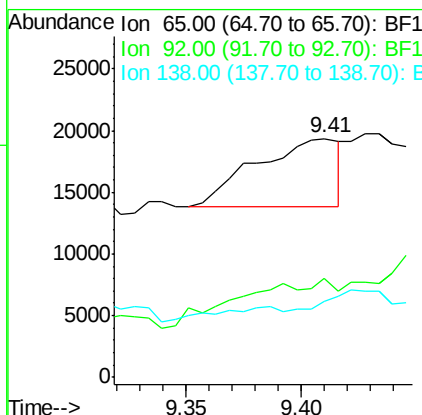
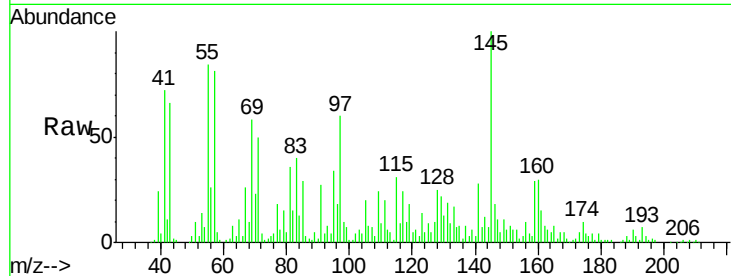




#47
2-Nitroaniline
Concen: 76.456 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

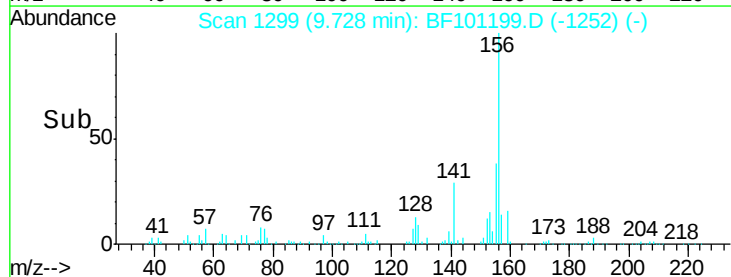
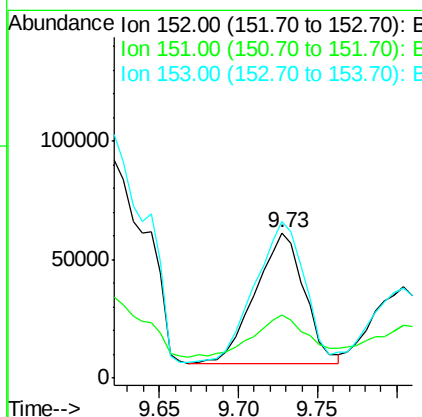
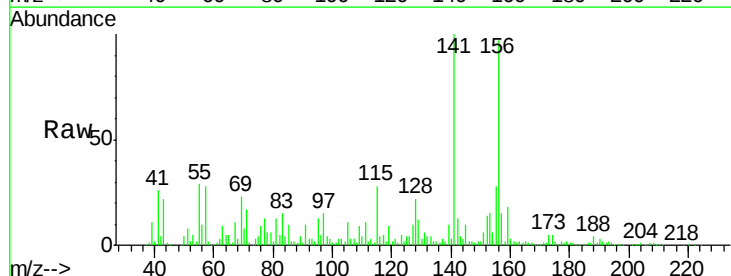
Instrument :
BNA_F
ClientSampleId :

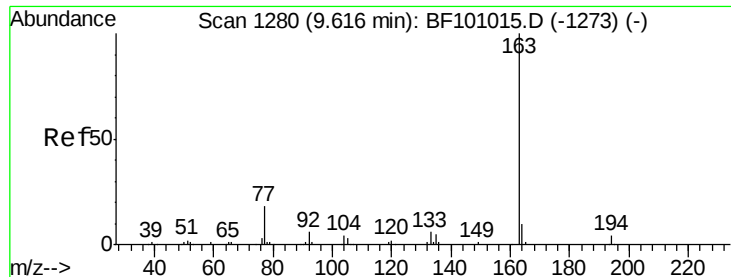
Tot Ion: 65 Resp: 13856
Ion Ratio Lower Upper
65 100
92 41.5 55.8 83.6#
138 31.9 91.2 136.8#



#48
Acenaphthylene
Concen: 117.817 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion: 152 Resp: 118600
Ion Ratio Lower Upper
152 100
151 43.7 16.3 24.5#
153 107.7 10.7 16.1#

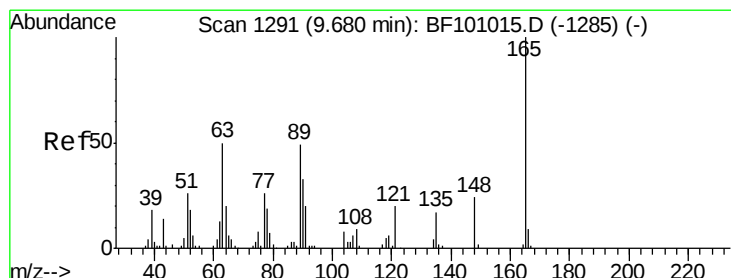
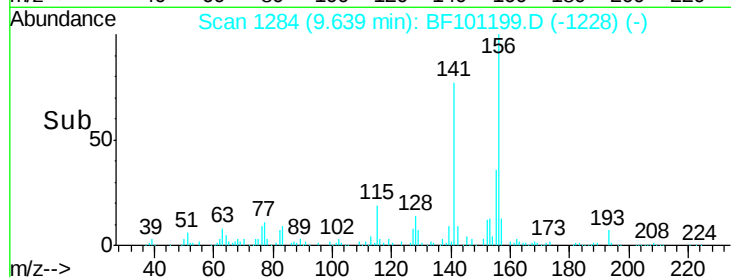
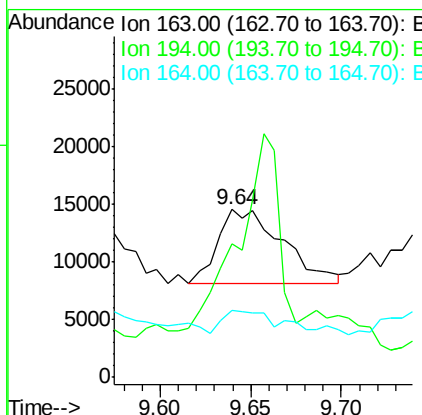
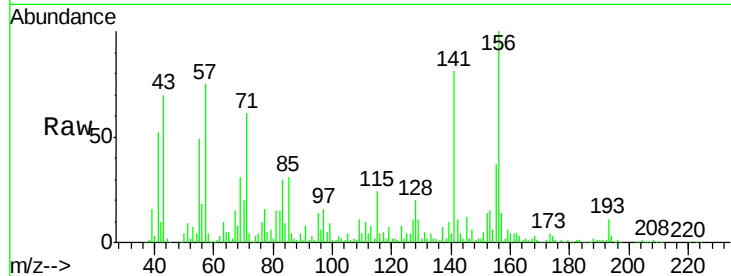




#49
Dimethylphthalate
Concen: 20.634 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.03 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

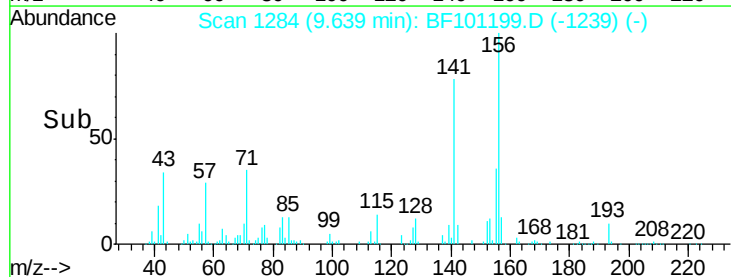
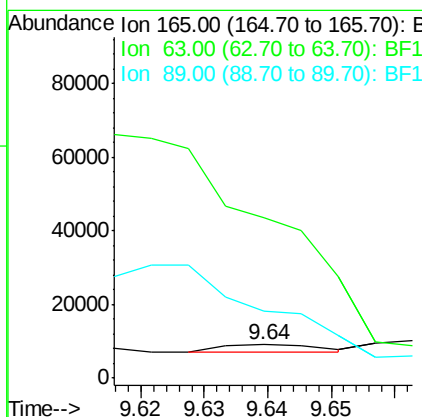
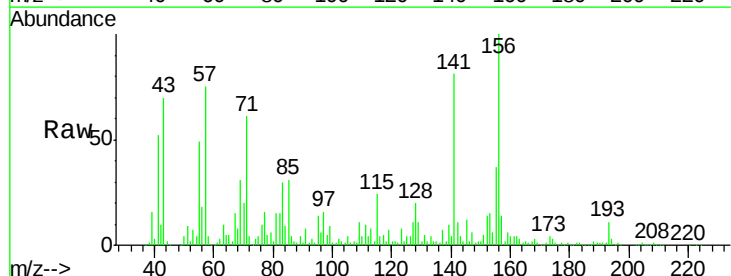
Instrument :
BNA_F
ClientSampleId :

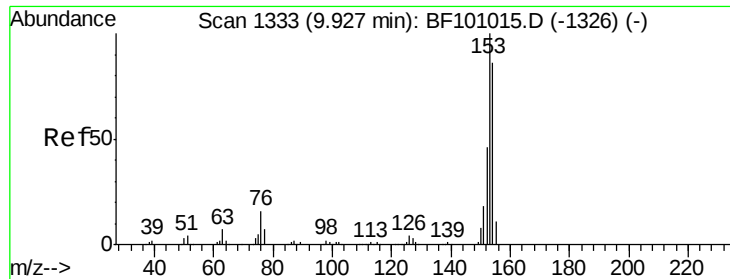
Tot Ion:163 Resp: 15666
Ion Ratio Lower Upper
163 100
194 79.3 2.7 4.1#
164 40.2 8.2 12.2#



#50
2,6-Dinitrotoluene
Concen: 14.533 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.04 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion:165 Resp: 2324
Ion Ratio Lower Upper
165 100
63 476.4 44.7 67.1#
89 198.9 44.0 66.0#





#51

Acenaphthene

Concen: 11.449 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

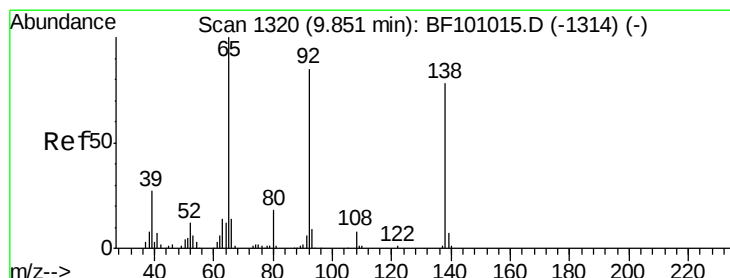
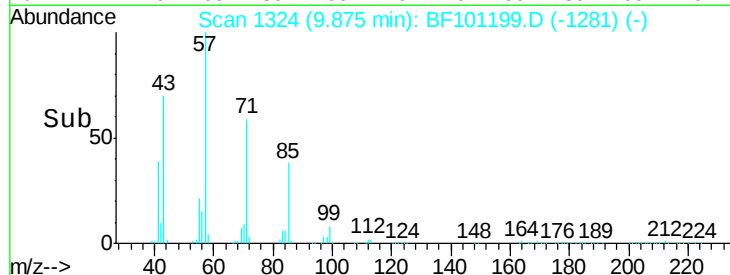
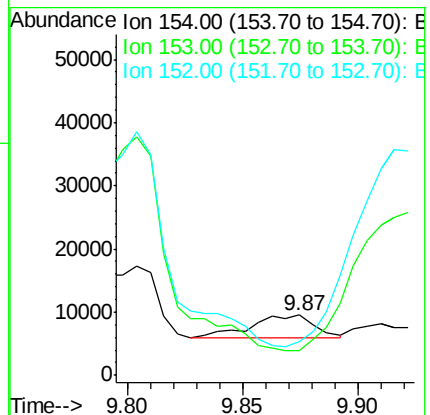
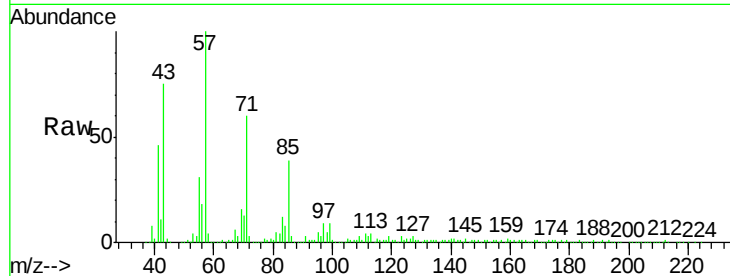
Tot Ion:154 Resp: 6901

Ion Ratio Lower Upper

154 100

153 40.3 91.2 136.8#

152 56.7 43.8 65.8



#52

3-Nitroaniline

Concen: 30.279 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

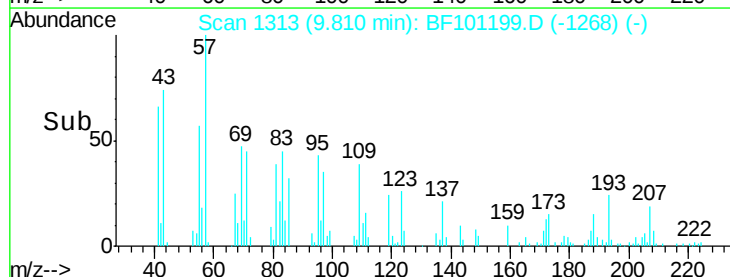
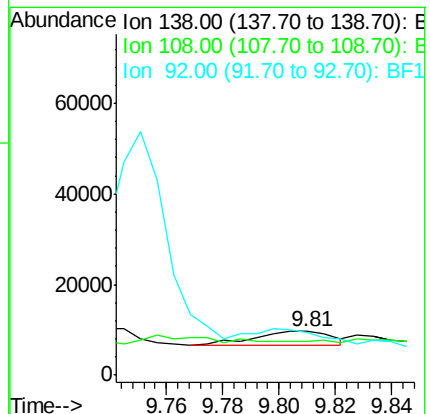
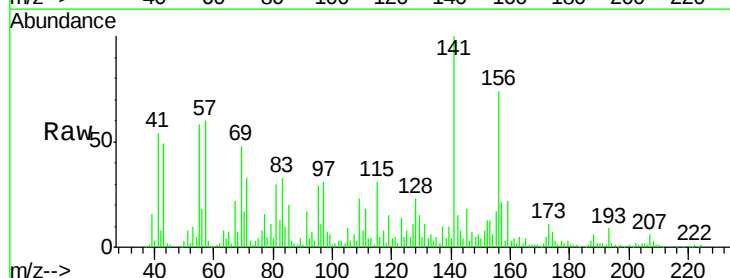
Tgt Ion:138 Resp: 5445

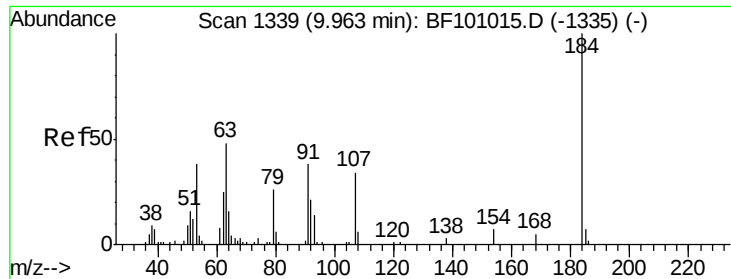
Ion Ratio Lower Upper

138 100

108 78.4 9.4 14.0#

92 98.1 89.4 134.2

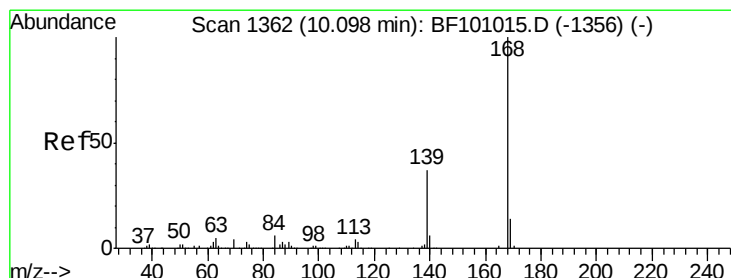
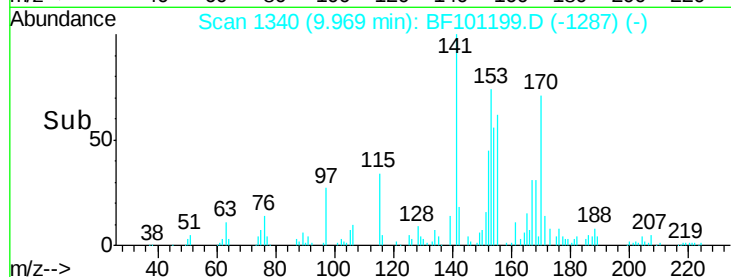
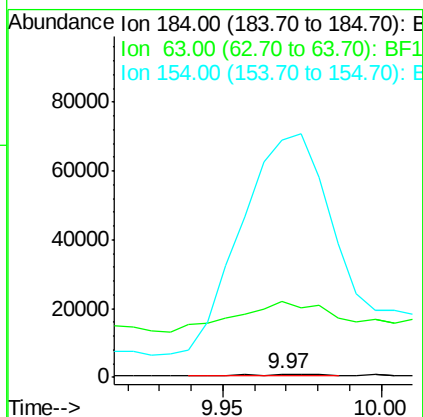
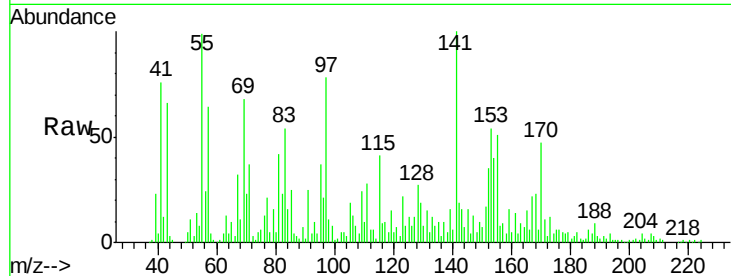




#53
2,4-Dinitrophenol
Concen: 14.358 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

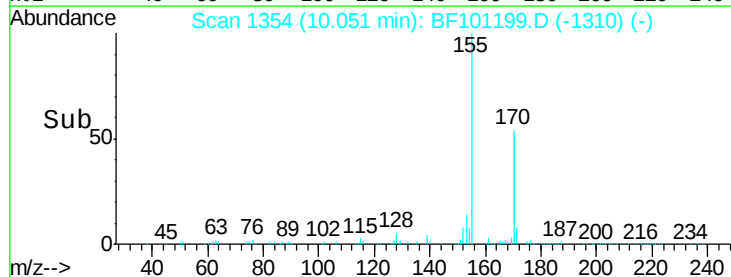
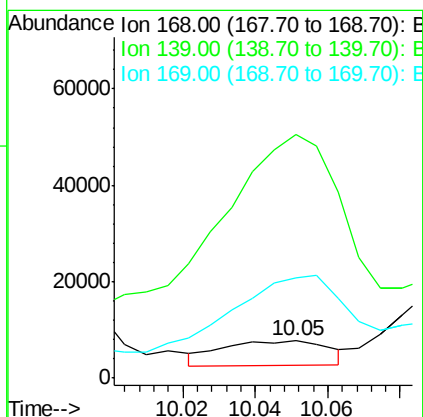
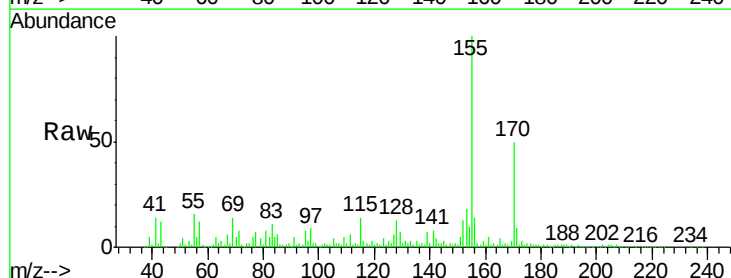
Instrument :
BNA_F
ClientSampleId :

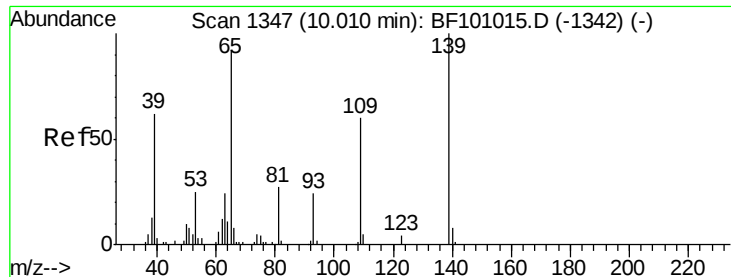
Tot Ion:184 Resp: 834
Ion Ratio Lower Upper
184 100
63 2382.7 54.2 81.2#
154 7453.7 184.0 276.0#



#54
Dibenzofuran
Concen: 11.711 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.04 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion:168 Resp: 10173
Ion Ratio Lower Upper
168 100
139 657.6 30.1 45.1#
169 272.2 10.9 16.3#

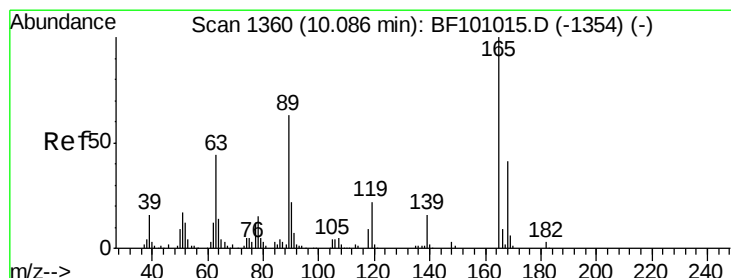
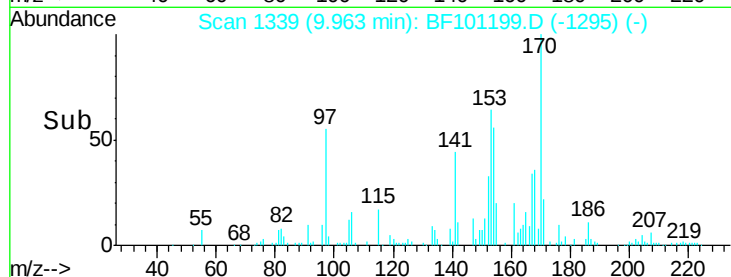
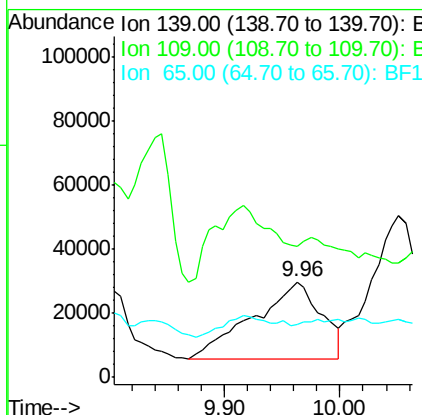
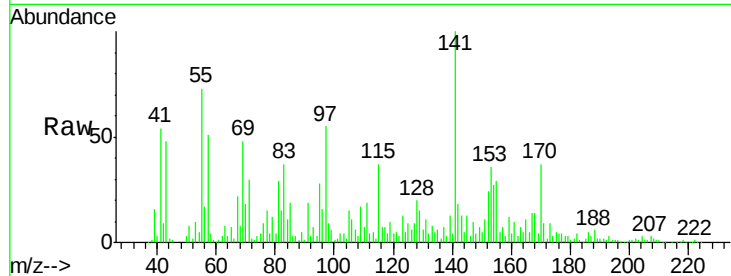




#55
4-Nitrophenol
Concen: 810.679 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.04 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

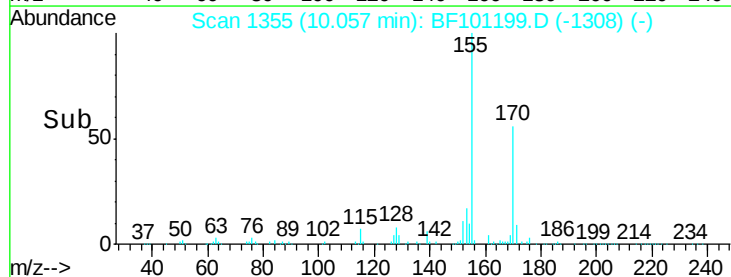
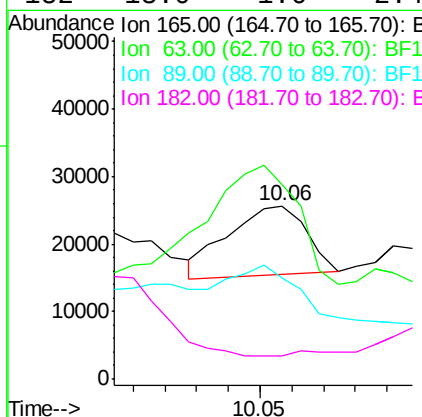
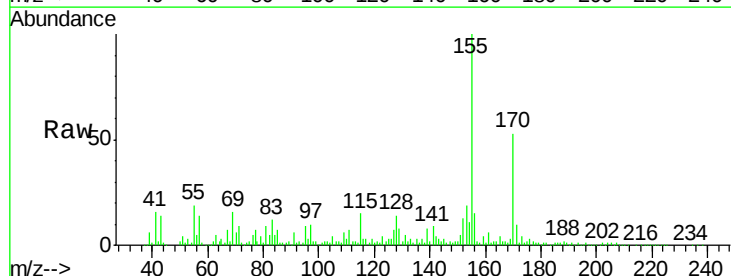
Instrument :
BNA_F
ClientSampled :

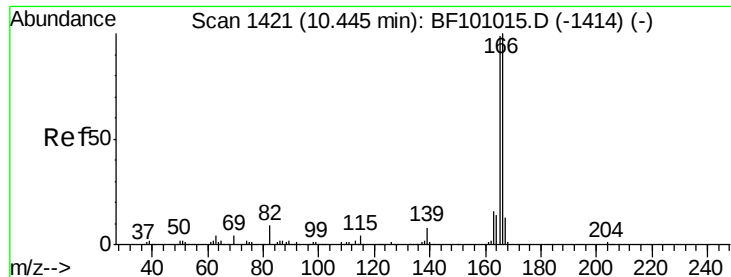
Tot Ion:139 Resp: 98316
Ion Ratio Lower Upper
139 100
109 138.1 48.4 88.4#
65 54.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 82.532 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion:165 Resp: 17687
Ion Ratio Lower Upper
165 100
63 112.6 36.4 54.6#
89 58.4 57.8 86.6
182 13.0 1.6 2.4#

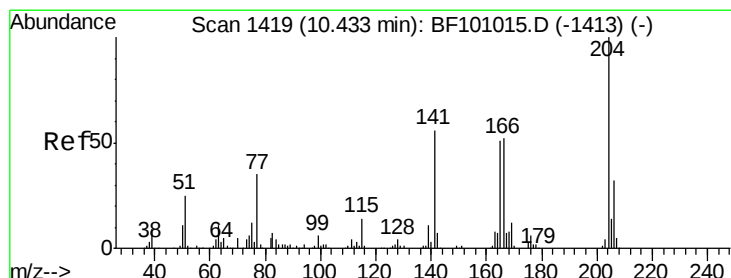
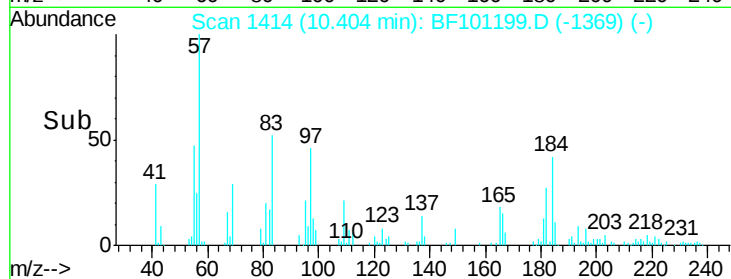
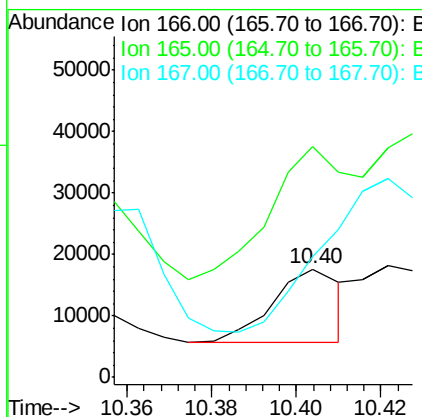
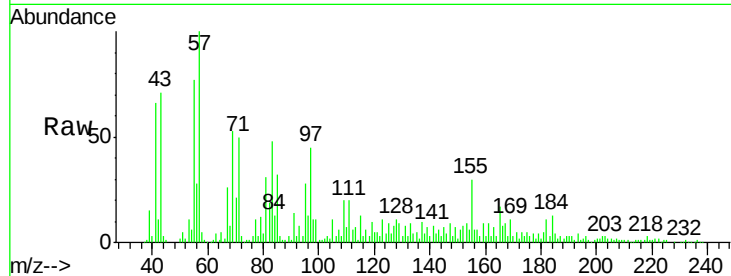




#57
 Fluorene
 Concen: 18.996 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.04 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

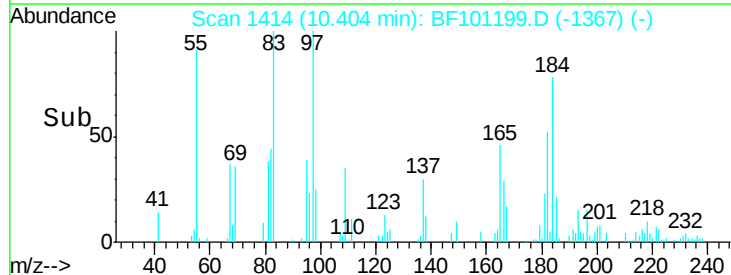
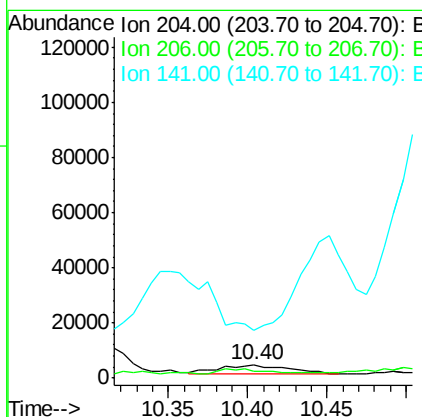
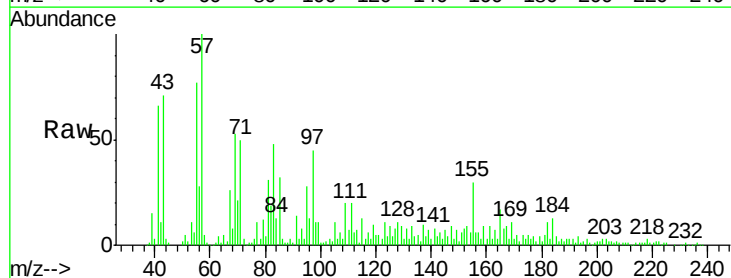
Instrument :
 BNA_F
 ClientSampled :

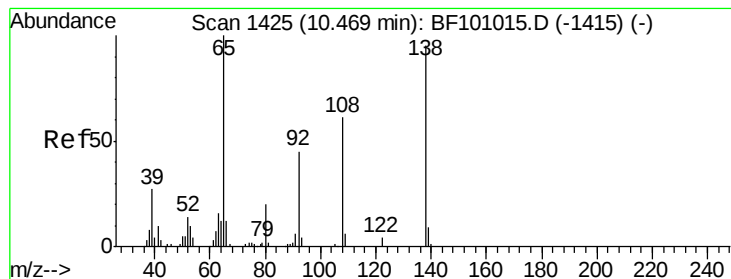
Tot Ion:166 Resp: 13414
 Ion Ratio Lower Upper
 166 100
 165 213.0 79.8 119.8#
 167 111.4 10.6 16.0#



#60
 4-Chlorophenyl-phenylether
 Concen: 28.958 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Tgt Ion:204 Resp: 10096
 Ion Ratio Lower Upper
 204 100
 206 47.9 26.5 39.7#
 141 342.3 54.6 81.8#





#61

4-Nitroaniline

Concen: 63.427 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.06 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampled :

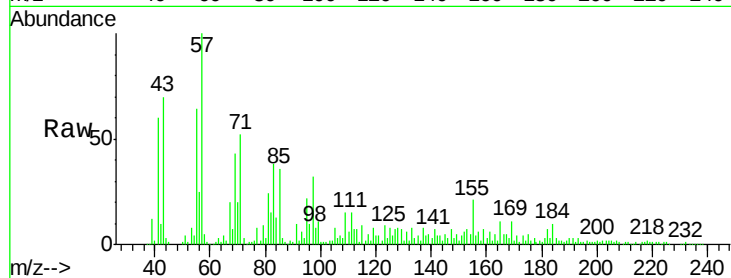
Tot Ion:138 Resp: 11840

Ion Ratio Lower Upper

138 100

92 51.3 30.2 70.2

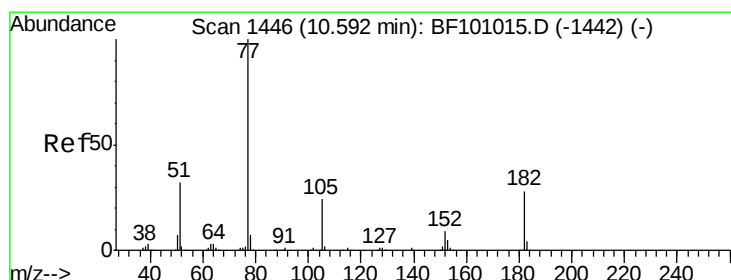
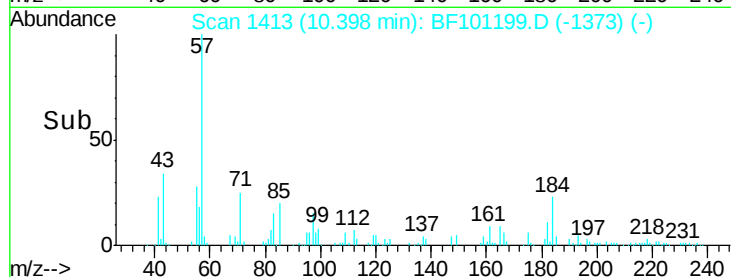
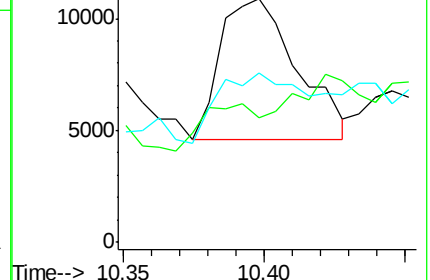
108 69.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 20.335 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Tgt Ion: 77 Resp: 12923

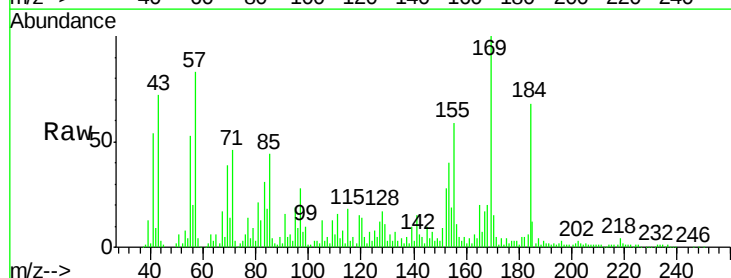
Ion Ratio Lower Upper

77 100

182 32.5 1.7 41.7

105 91.9 3.0 43.0#

51 40.6 9.9 49.9

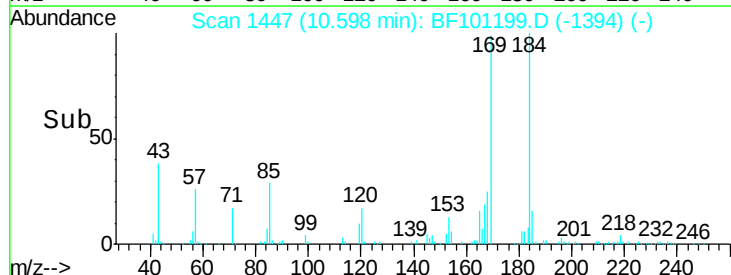
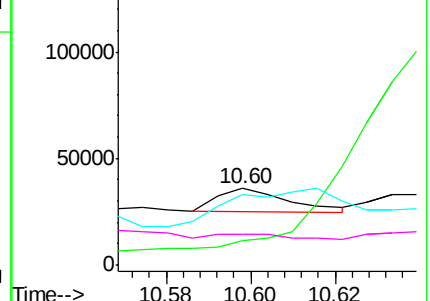


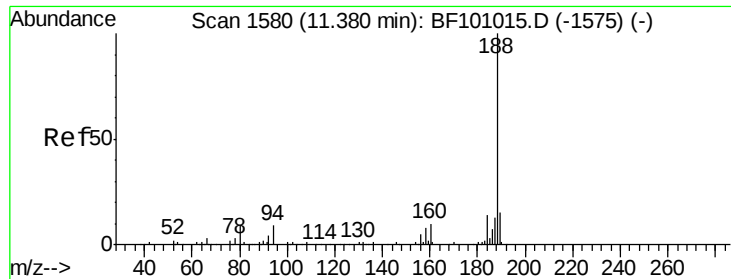
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

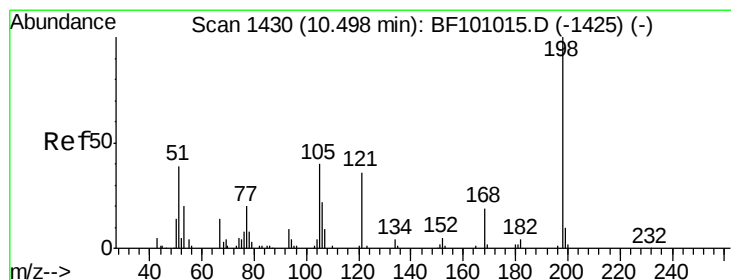
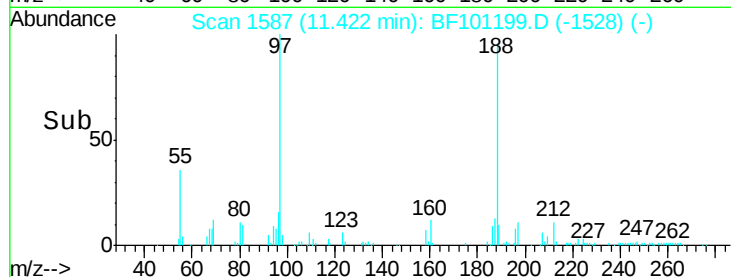
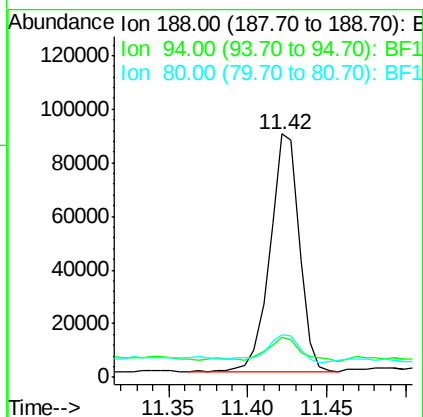
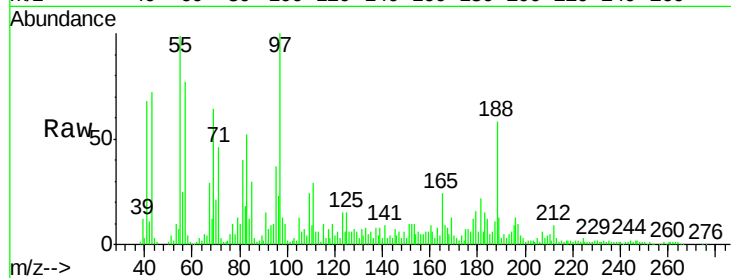




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.05 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

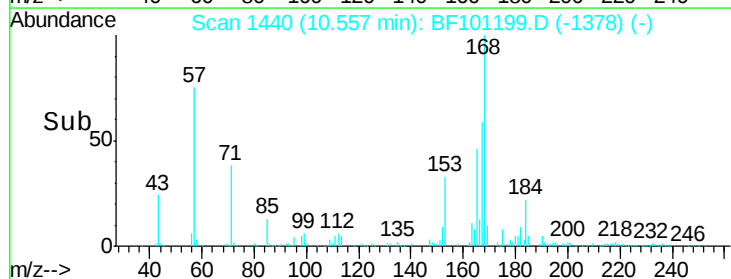
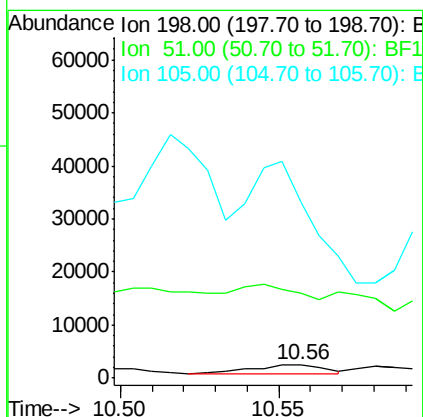
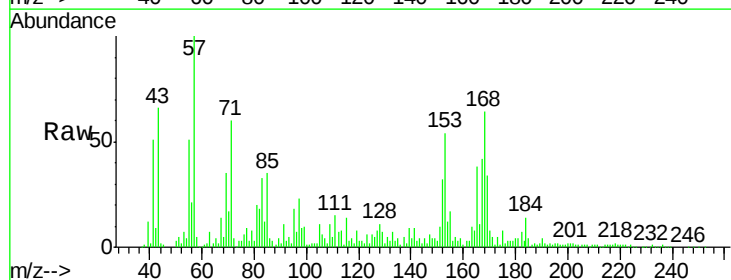
Instrument :
BNA_F
ClientSampleId :

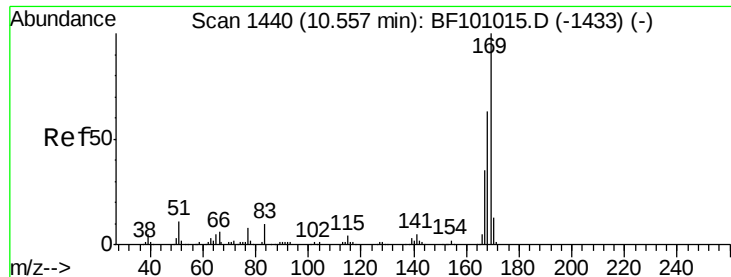
Tot Ion:188 Resp: 114563
Ion Ratio Lower Upper
188 100
94 16.5 8.5 12.7#
80 17.7 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.313 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.06 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion:198 Resp: 2546
Ion Ratio Lower Upper
198 100
51 614.7 37.7 77.7#
105 1268.3 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 136.166 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.05 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

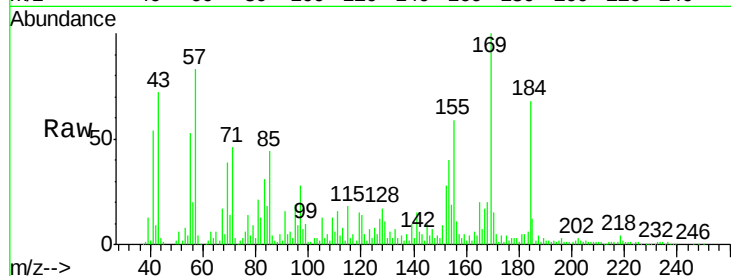
Tot Ion:169 Resp: 550338

Ion Ratio Lower Upper

169 100

168 20.1 54.4 81.6#

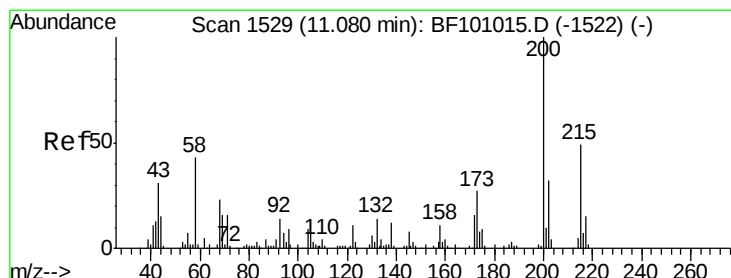
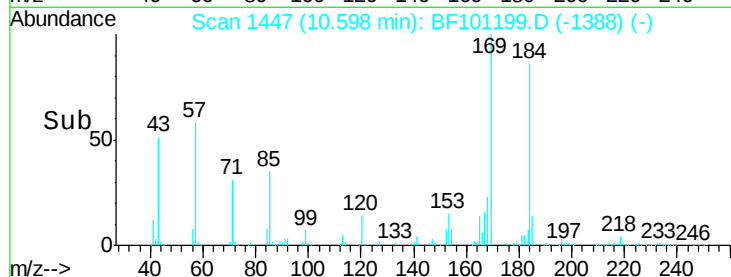
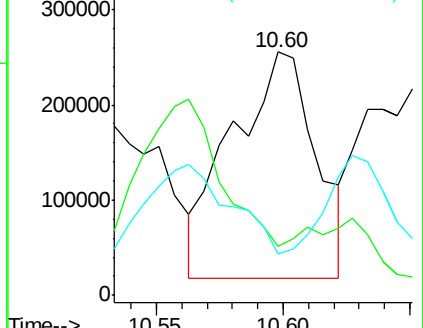
167 17.2 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 4.074 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.03 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

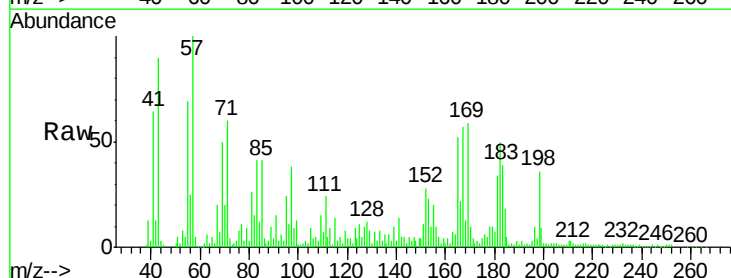
Tgt Ion:200 Resp: 5051

Ion Ratio Lower Upper

200 100

173 171.4 8.6 48.6#

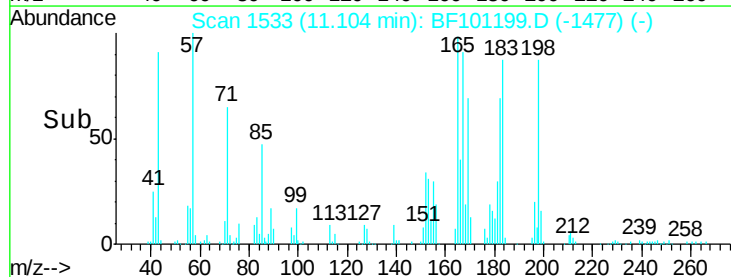
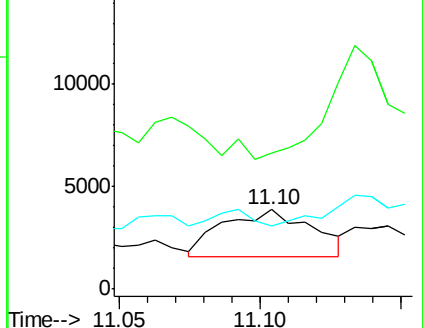
215 79.3 25.1 65.1#

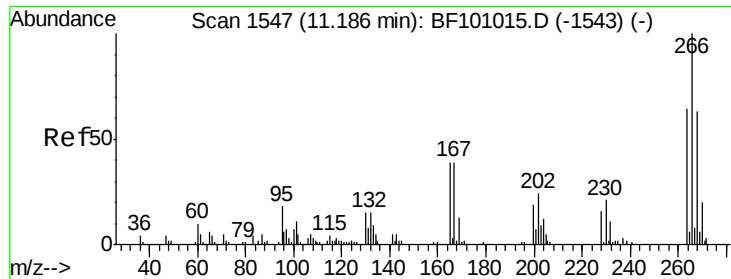


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 2.250 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.06 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

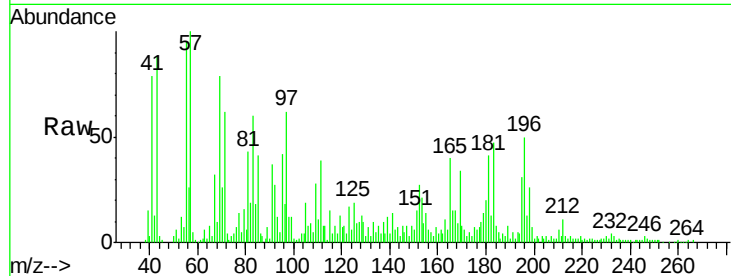
Tot Ion:266 Resp: 1700

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

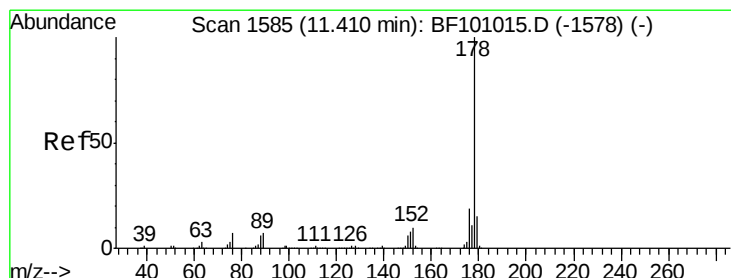
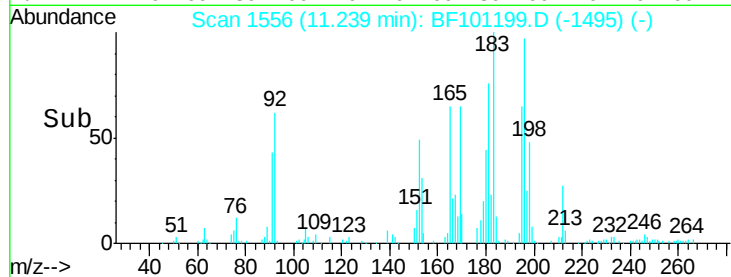
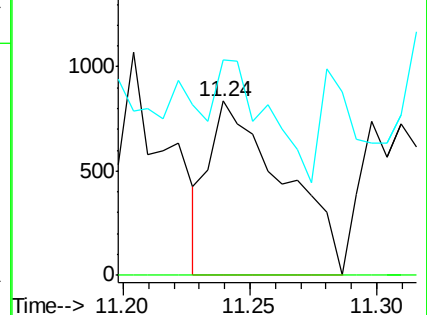
264 124.2 49.5 74.3#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 114.534 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.05 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

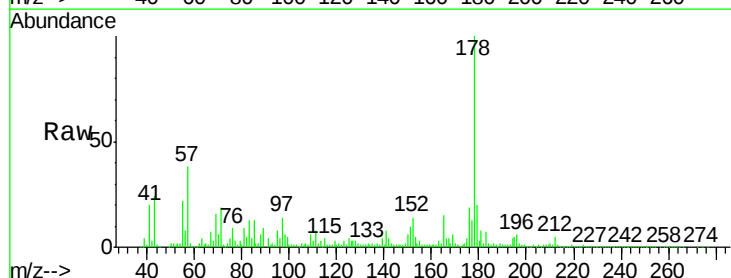
Tgt Ion:178 Resp: 722589

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

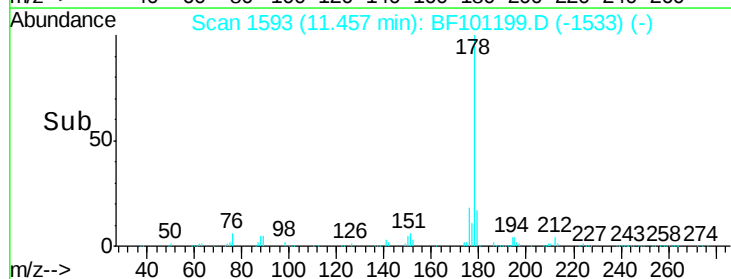
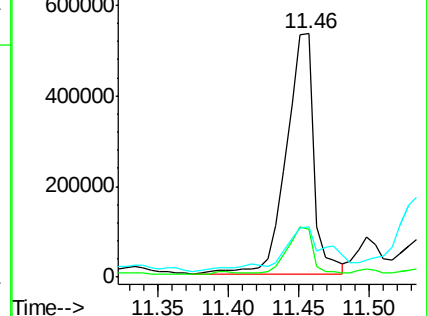
179 20.5 13.0 19.6#

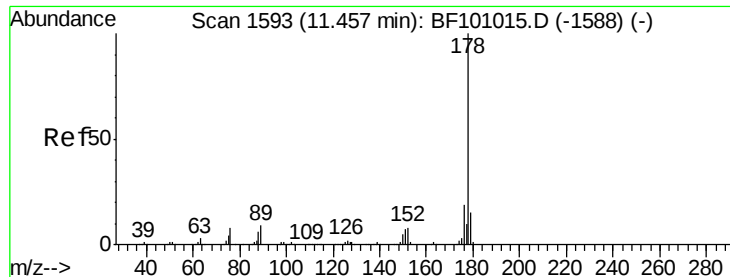


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

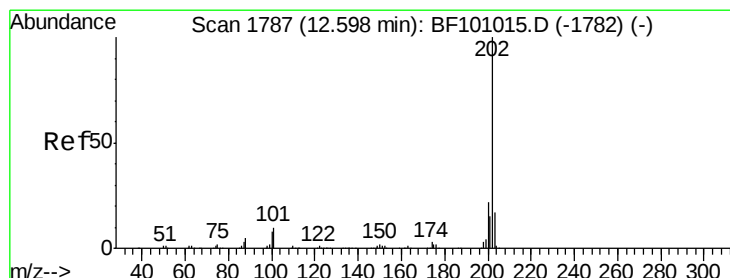
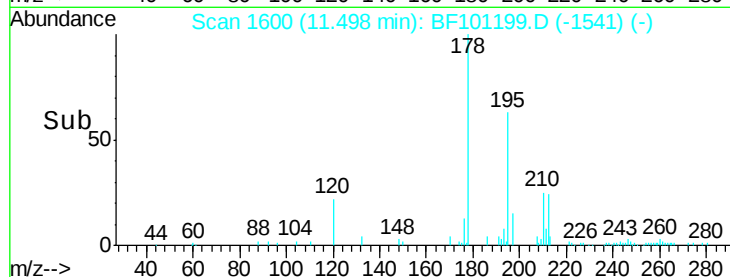
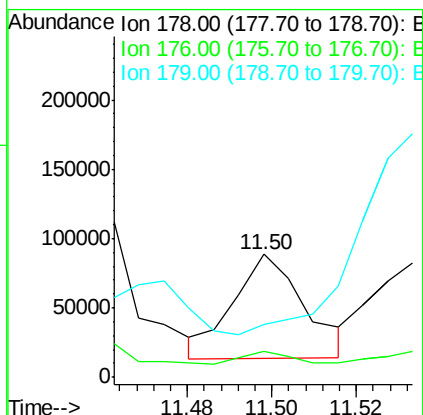
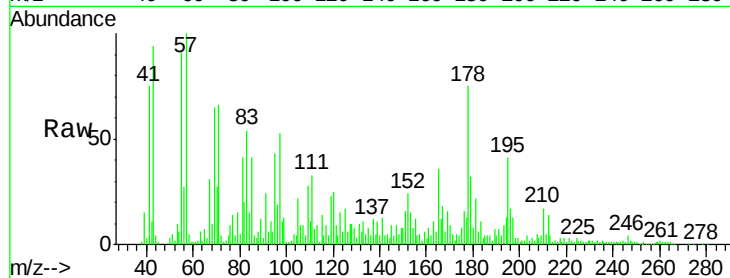




#71
 Anthracene
 Concen: 13.856 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.05 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

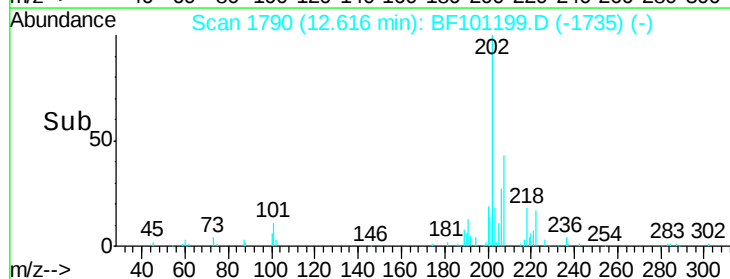
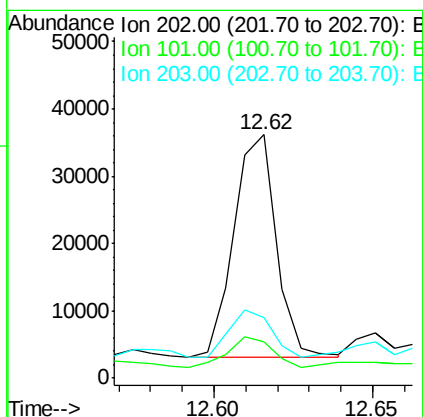
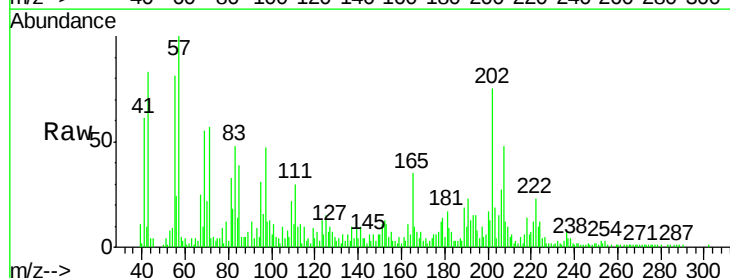
Instrument :
 BNA_F
 ClientSampleId :

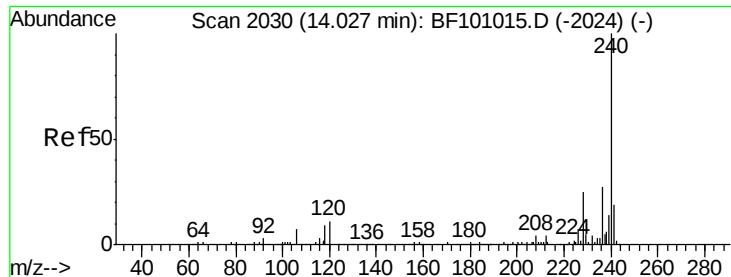
Tot Ion:178 Resp: 88476
 Ion Ratio Lower Upper
 178 100
 176 21.6 15.4 23.2
 179 42.7 12.6 19.0#



#74
 Fluoranthene
 Concen: 4.389 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.02 min
 Lab File: BF101199.D
 Acq: 7 Dec 2017 12:33

Tgt Ion:202 Resp: 30697
 Ion Ratio Lower Upper
 202 100
 101 15.1 0.0 34.1
 203 24.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

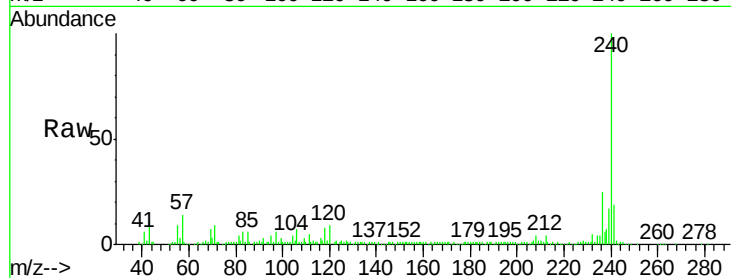
Tot Ion:240 Resp: 106076

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

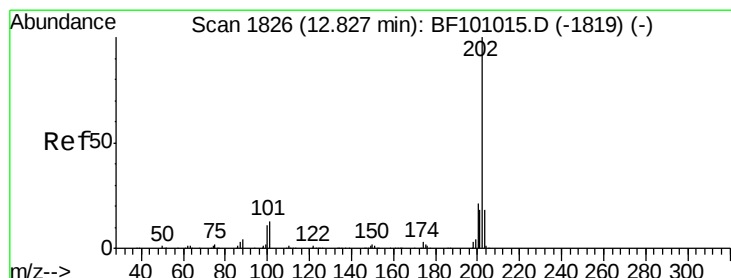
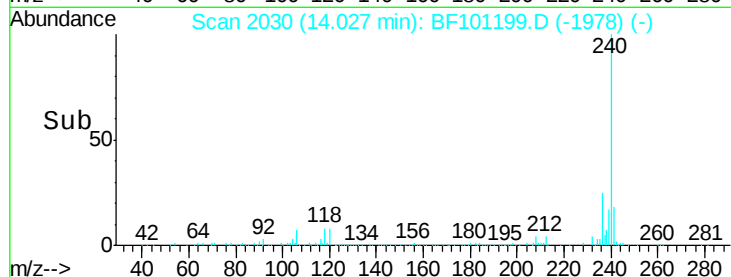
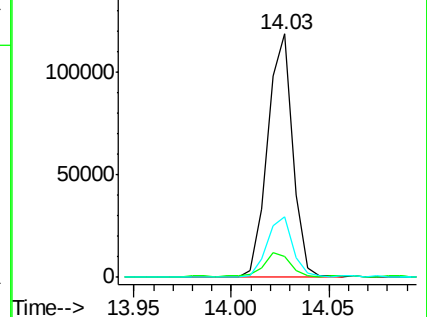
236 25.0 20.7 31.1



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: 8.241 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

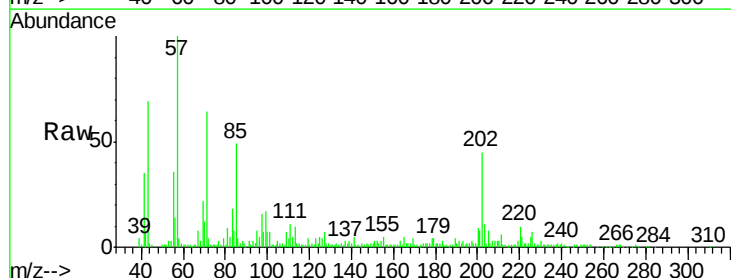
Tgt Ion:202 Resp: 60324

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

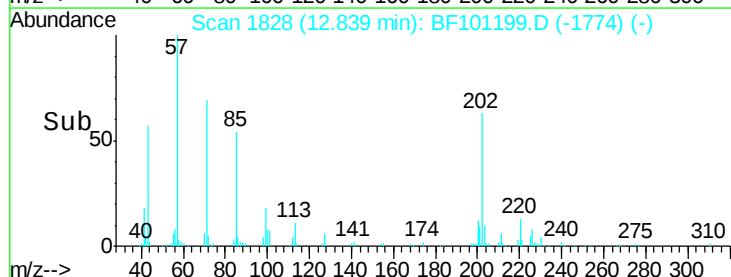
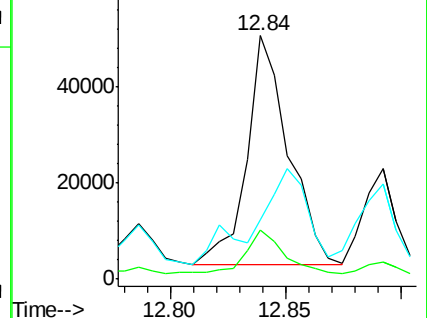
203 24.2 14.3 21.5#

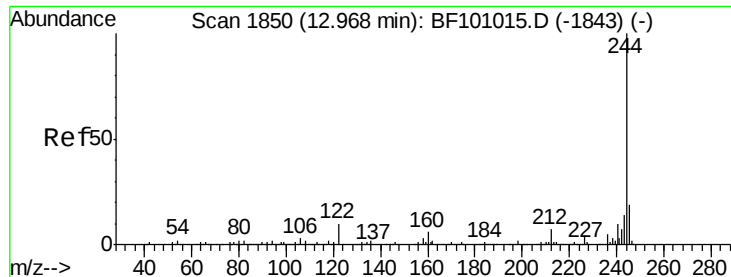


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 99.837 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

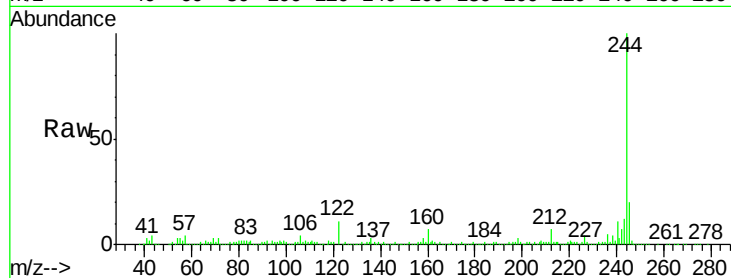
Tot Ion:244 Resp: 484179

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

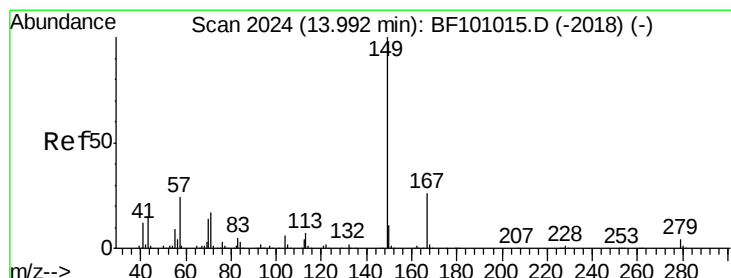
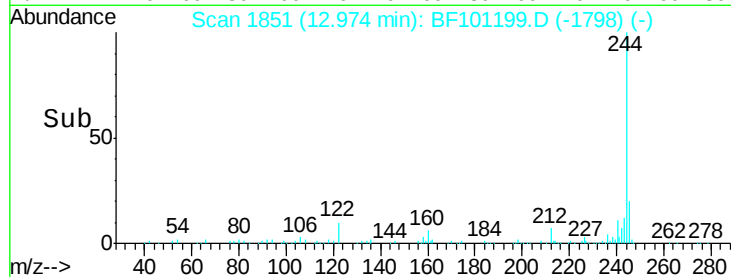
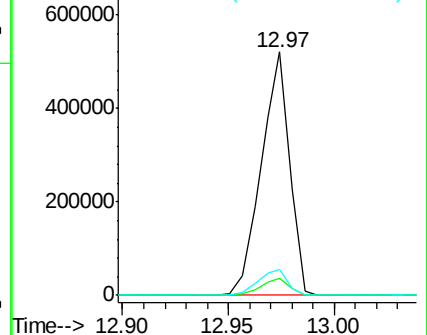
122 10.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 65.458 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

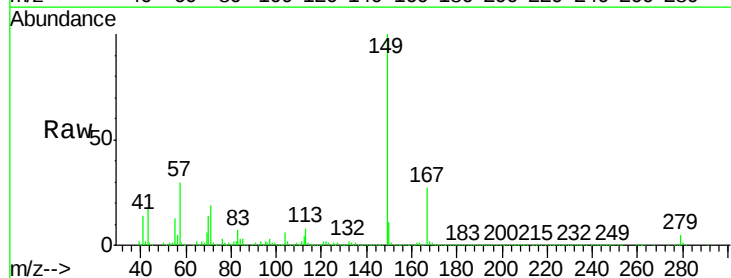
Tgt Ion:149 Resp: 301197

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

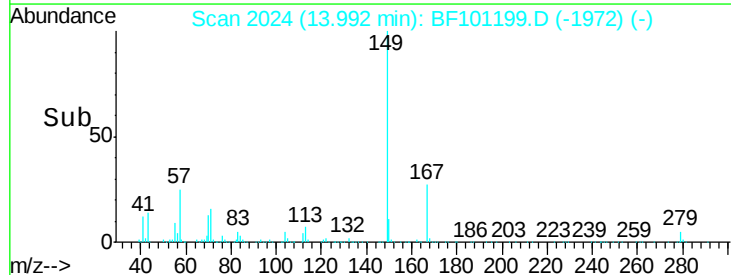
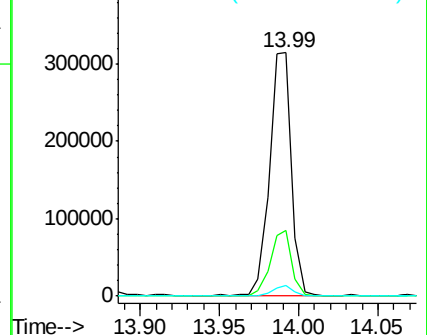
279 4.6 3.0 4.4#

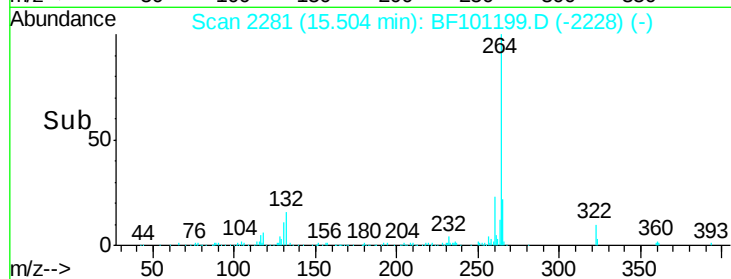
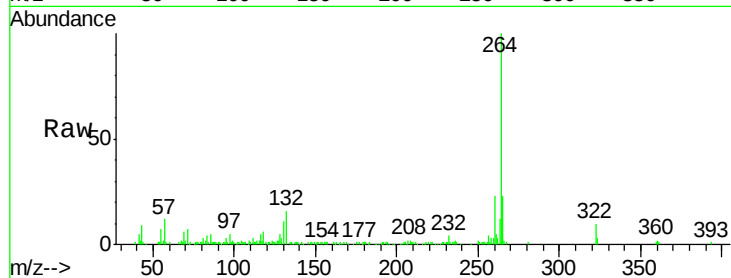
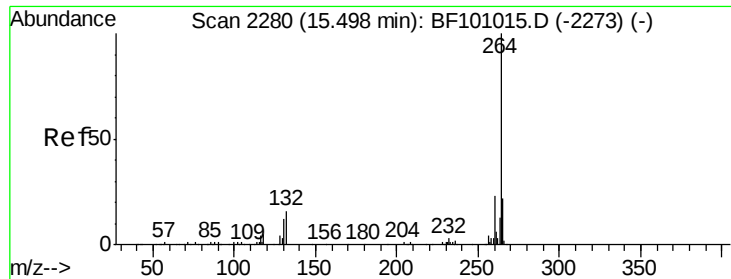


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Instrument :
BNA_F
ClientSampleId :

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

