

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
 Data File : BG027654.D
 Acq On : 24 Jun 2017 11:32
 Operator : SJ/JU
 Sample : I3870-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 04:16:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	18417	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	103807	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	66076	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	155735	20.00	ng	0.00
75) Chrysene-d12	22.21	240	179639	20.00	ng	0.00
86) Perylene-d12	25.85	264	166780	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	57240	44.23	ng	0.00
7) Phenol-d6	7.65	99	67888	35.44	ng	0.00
23) Nitrobenzene-d5	9.67	82	156290	71.24	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	88659	90.00	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	380246	78.61	ng	0.00
78) Terphenyl-d14	20.42	244	549285	72.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.09	88	3632	7.23	ng	# 85
3) Pyridine	4.47	79	17904	11.01	ng	84
6) Aniline	7.83	93	43104	18.44	ng	93
9) Benzaldehyde	7.65	77	5901	4.53	ng	# 1
10) Phenol	7.67	94	40023	20.51	ng	93
11) bis(2-Chloroethyl)ether	7.83	93	43104	28.22	ng	# 17
17) 2-Methylphenol	8.92	107	63521	46.26	ng	93
18) Hexachloroethane	9.61	117	5551	9.70	ng	# 1
20) 3+4-Methylphenols	9.25	107	215441	114.59	ng	93
22) Acetophenone	9.32	105	30771	10.81	ng	# 85
24) Nitrobenzene	9.69	77	5880	2.45	ng	# 7
27) 2,4-Dimethylphenol	10.48	122	360967	214.89	ng	94
28) bis(2-Chloroethoxy)methane	10.73	93	6452	2.54	ng	# 1
31) Naphthalene	11.41	128	6429089	1145.85	ng	# 75
32) Benzoic acid	10.48	122	360967	260.07	ng	# 10
33) 4-Chloroaniline	11.41	127	1341820	563.89	ng	# 30
36) 4-Chloro-3-methylphenol	12.62	107	8043	3.61	ng	# 28
37) 2-Methylnaphthalene	12.94	142	256372	62.87	ng	99
45) 1,1'-Biphenyl	13.92	154	183744	33.35	ng	97
47) 2-Nitroaniline	14.15	65	3731	2.03	ng	# 57
48) Acenaphthylene	14.82	152	22690	3.16	ng	# 86
49) Dimethylphthalate	14.53	163	20288	3.51	ng	98
51) Acenaphthene	15.16	154	426291	85.21	ng	98
54) Dibenzofuran	15.49	168	466844	71.64	ng	99
55) 4-Nitrophenol	15.35	139	6461	5.82	ng	# 55
56) 2,4-Dinitrotoluene	15.40	165	5344	3.00	ng	# 83
57) Fluorene	16.13	166	313192	50.75	ng	97
61) 4-Nitroaniline	16.13	138	4960	3.41	ng	# 29
70) Phenanthrene	17.88	178	600624	67.79	ng	95
71) Anthracene	17.97	178	69630	7.81	ng	98
72) Carbazole	18.25	167	347227	39.96	ng	96
74) Fluoranthene	19.89	202	75265	7.29	ng	93
77) Pvrene	20.24	202	50018	4.58	ng	95

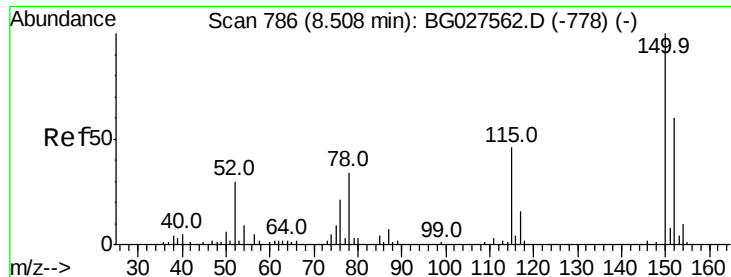
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
Data File : BG027654.D
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Operator : SJ/JU
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QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

Instrument :

BNA_G

ClientSampleId :

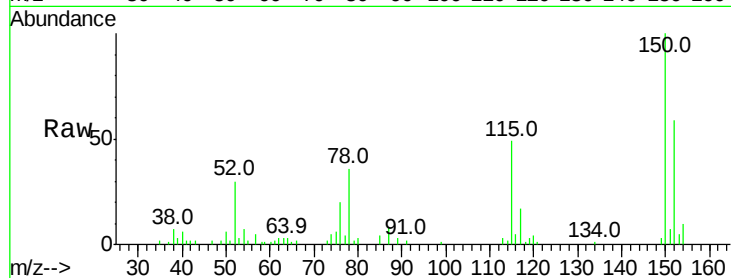
Tot Ion:152 Resp: 18417

Ion Ratio Lower Upper

152 100

150 168.8 114.0 171.0

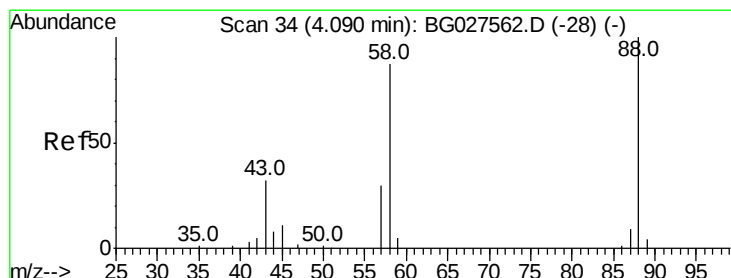
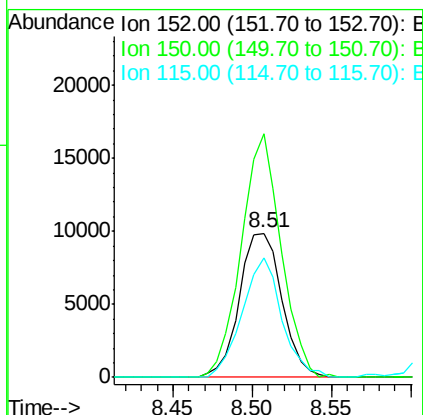
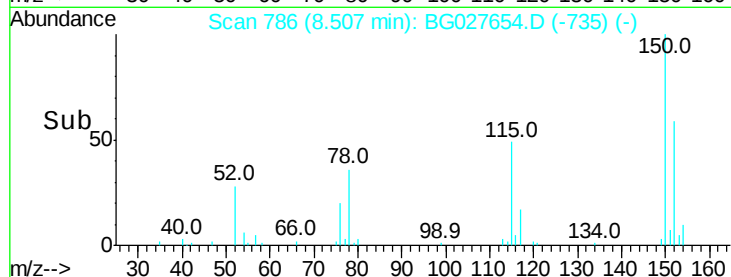
115 82.5 48.1 72.1#



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



#2

1,4-Dioxane

Concen: 7.23 ng

RT: 4.09 min Scan# 34

Delta R.T. -0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

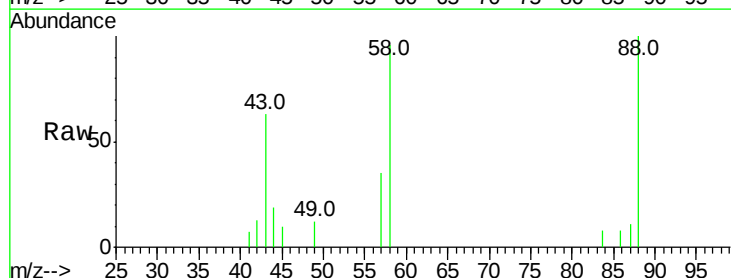
Tgt Ion: 88 Resp: 3632

Ion Ratio Lower Upper

88 100

58 109.6 79.4 119.2

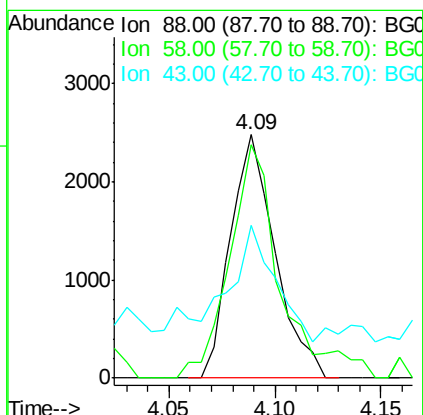
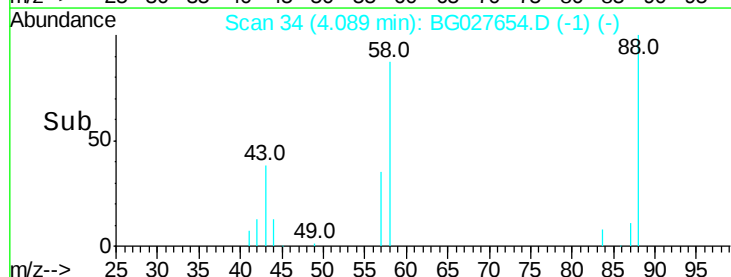
43 58.1 33.8 50.6#

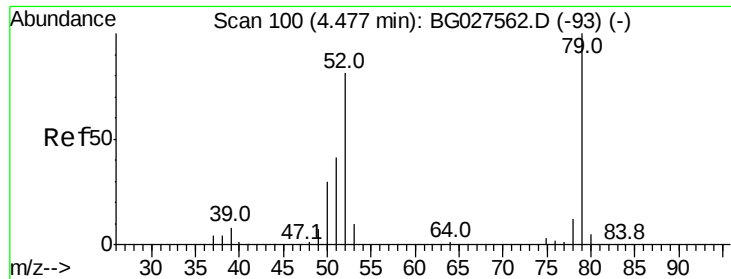


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 11.01 ng

RT: 4.47 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

Instrument :

BNA_G

ClientSampleId :

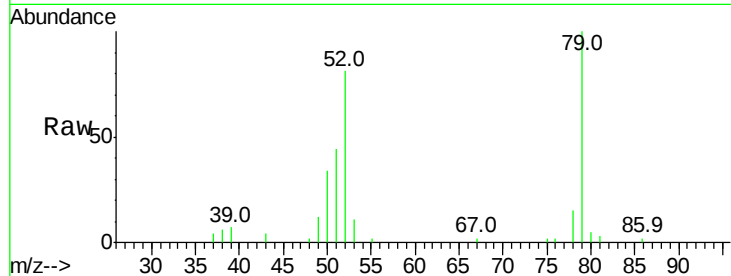
Tot Ion: 79 Resp: 17904

Ion Ratio Lower Upper

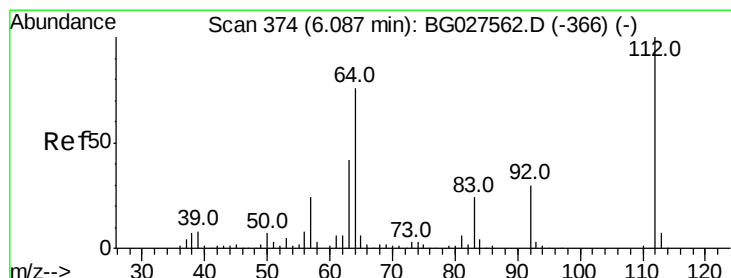
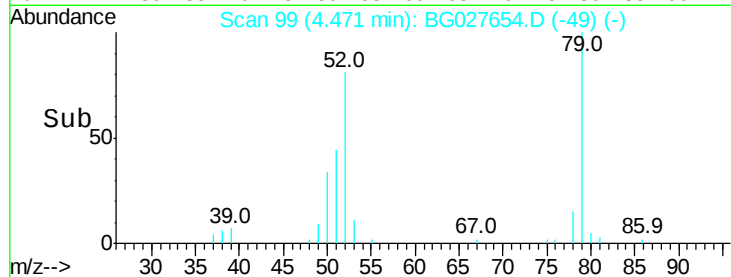
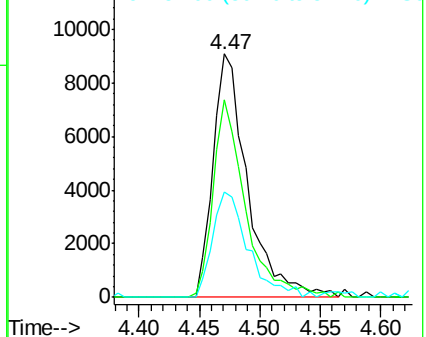
79 100

52 81.0 77.8 116.6

51 43.5 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#5

2-Fluorophenol

Concen: 44.23 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.01 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

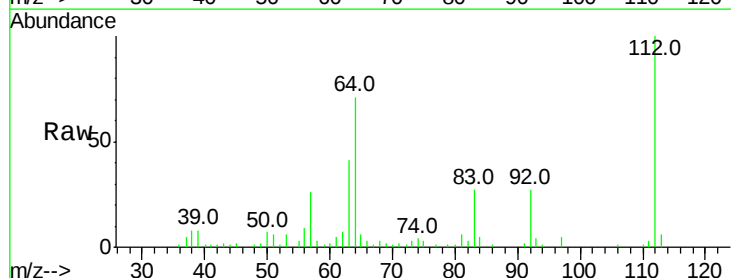
Tgt Ion: 112 Resp: 57240

Ion Ratio Lower Upper

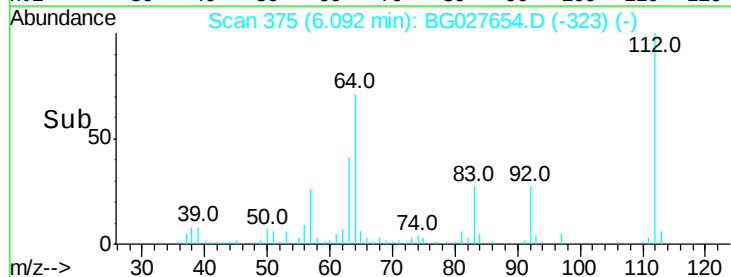
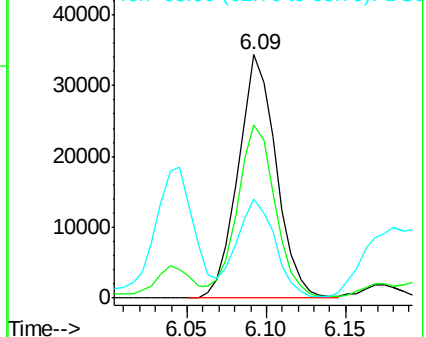
112 100

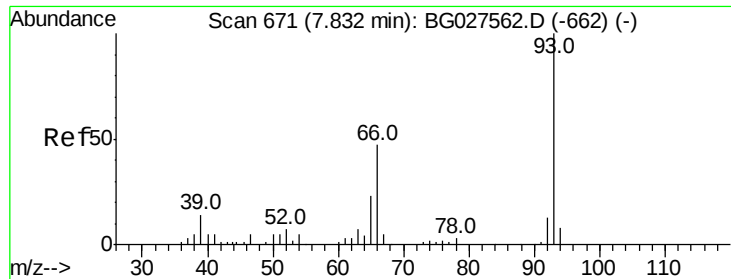
64 71.3 61.8 92.6

63 40.7 37.2 55.8



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





#6

Aniline

Concen: 18.44 ng

RT: 7.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

Instrument :

BNA_G

ClientSampleId :

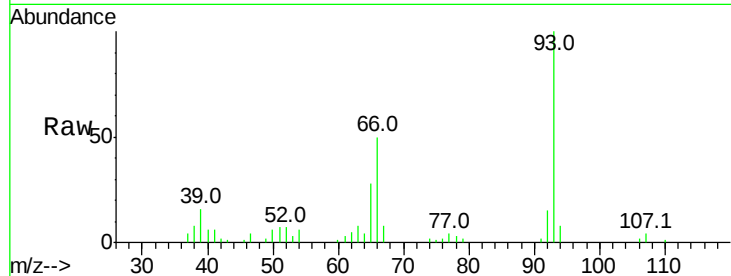
Tot Ion: 93 Resp: 43104

Ion Ratio Lower Upper

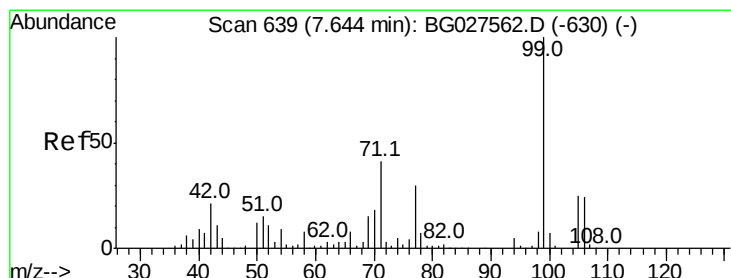
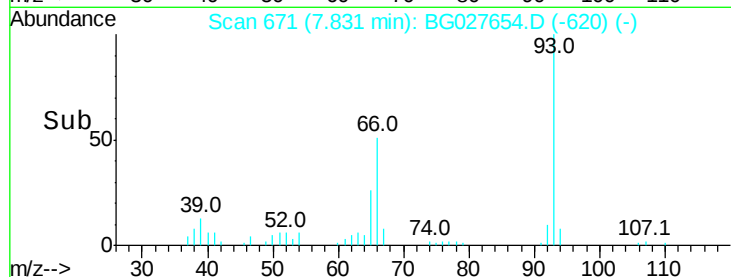
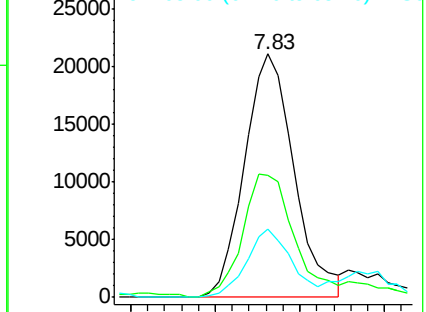
93 100

66 50.1 35.4 53.2

65 28.2 21.2 31.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 35.44 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

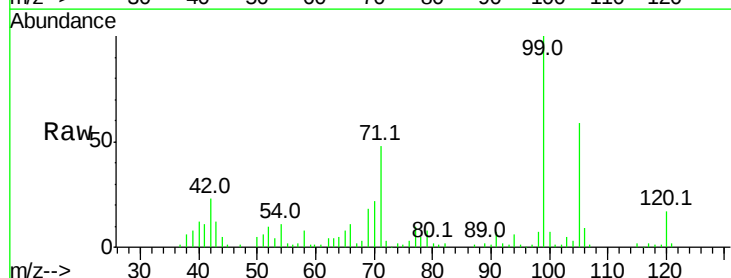
Tgt Ion: 99 Resp: 67888

Ion Ratio Lower Upper

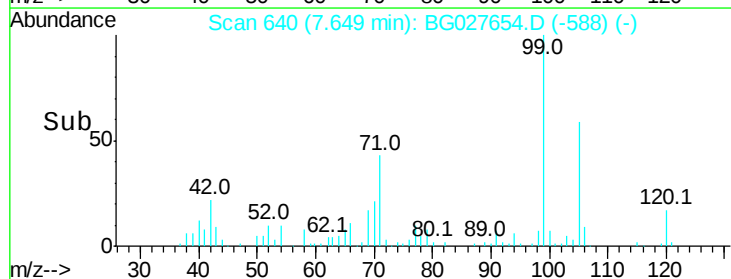
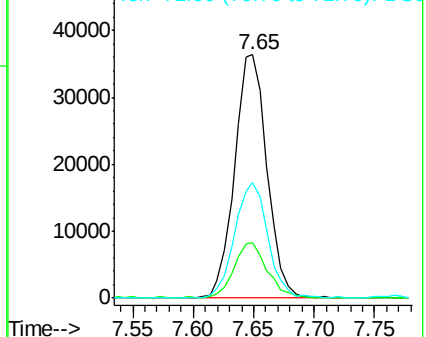
99 100

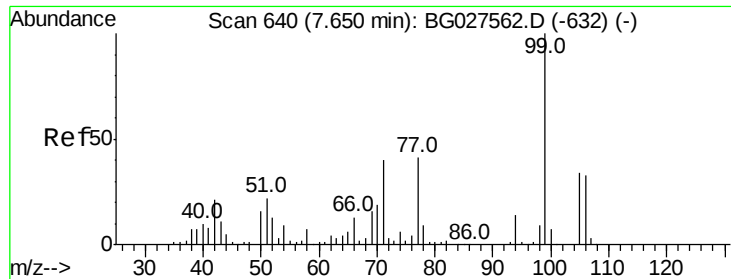
42 22.7 20.5 30.7

71 47.7 37.6 56.4



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

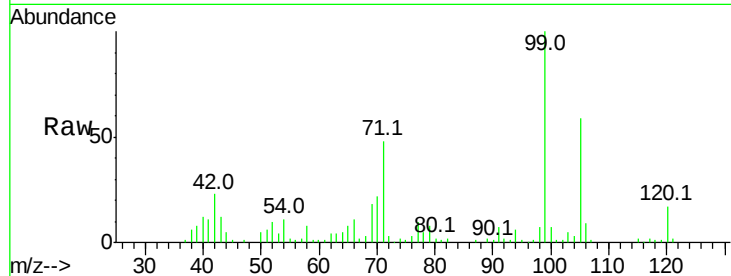




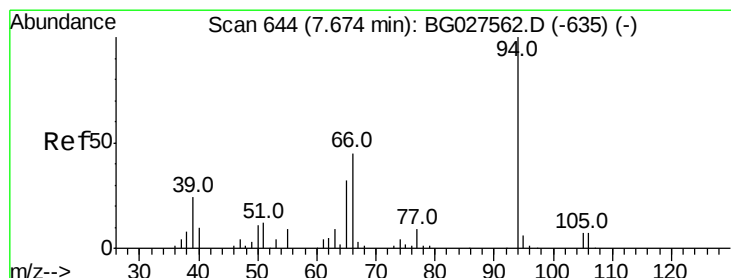
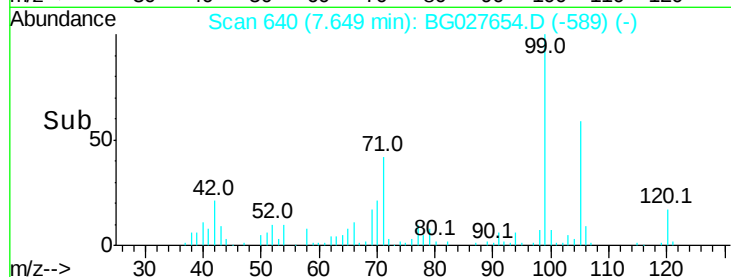
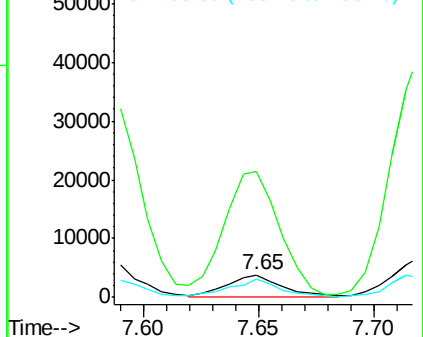
#9
Benzaldehyde
Concen: 4.53 ng
RT: 7.65 min Scan# 640
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 5901
Ion Ratio Lower Upper
77 100
105 566.8 60.9 100.9#
106 82.4 55.1 95.1

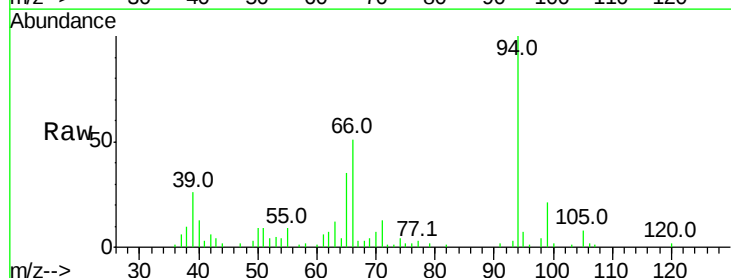


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

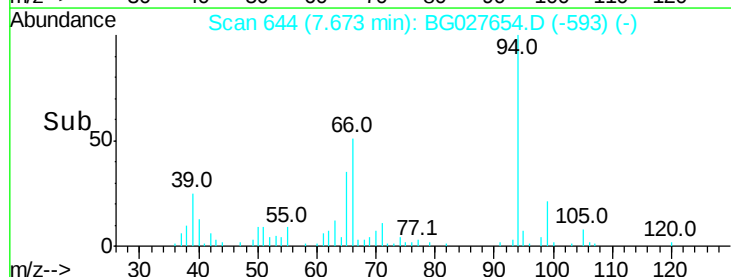
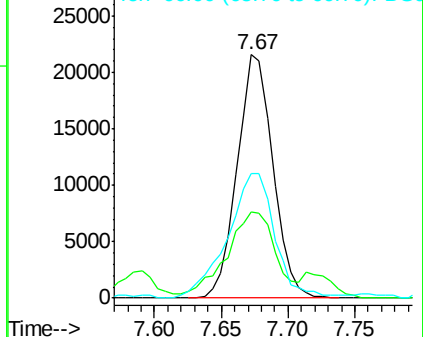


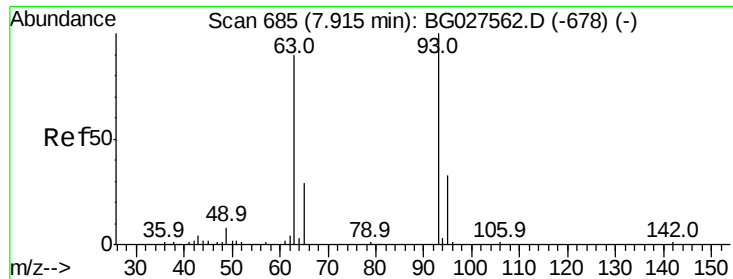
#10
Phenol
Concen: 20.51 ng
RT: 7.67 min Scan# 644
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion: 94 Resp: 40023
Ion Ratio Lower Upper
94 100
65 35.2 20.6 60.6
66 51.3 35.5 75.5



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

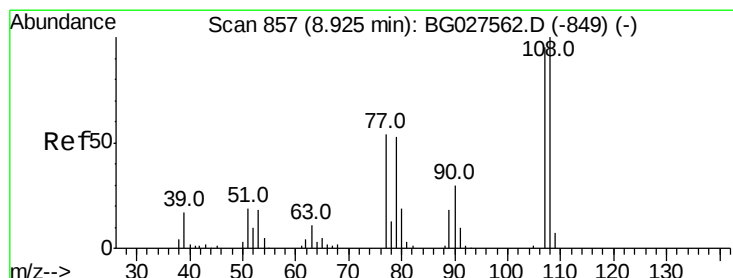
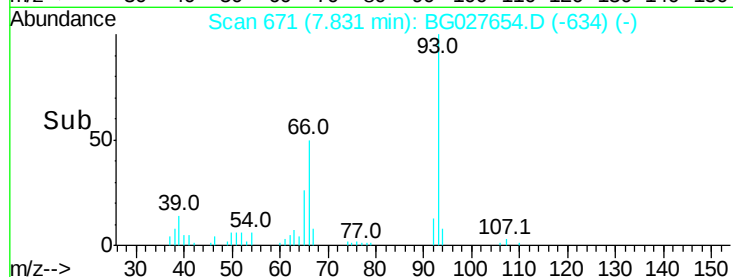
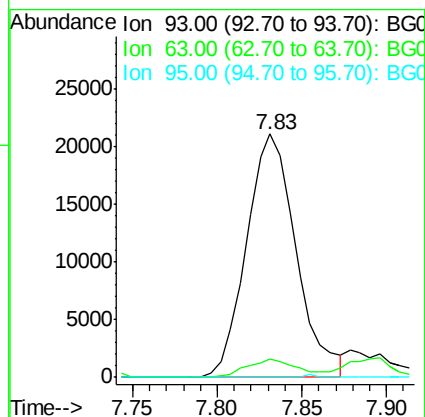
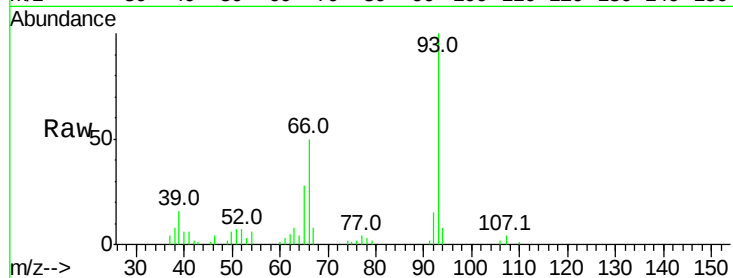




#11
bis(2-Chloroethyl)ether
Concen: 28.22 ng
RT: 7.83 min Scan# 671
Delta R.T. -0.08 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

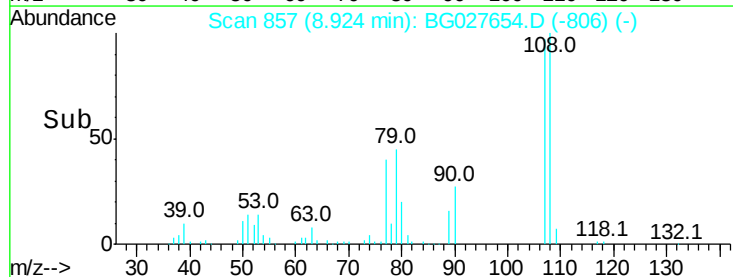
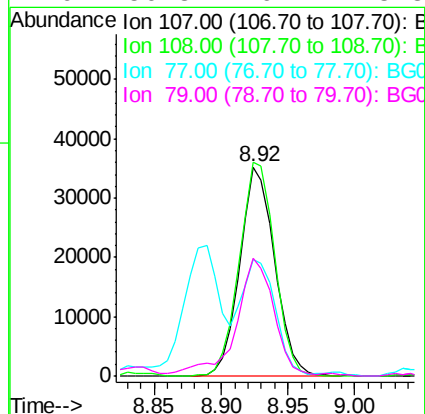
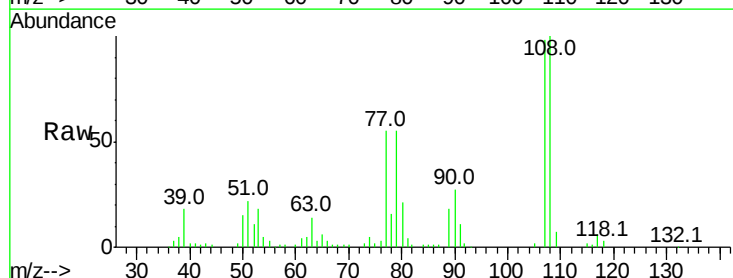
Instrument :
BNA_G
ClientSampleId :

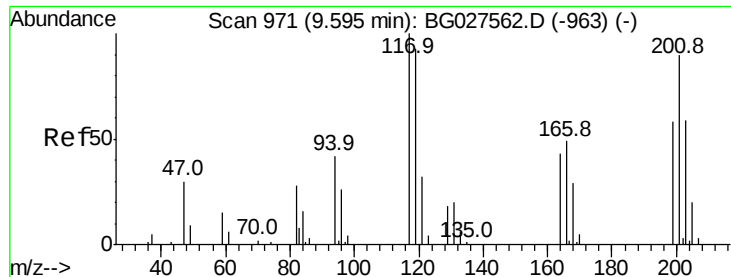
Tot Ion: 93 Resp: 43104
Ion Ratio Lower Upper
93 100
63 7.6 78.5 118.5#
95 0.0 9.8 49.8#



#17
2-Methylphenol
Concen: 46.26 ng
RT: 8.92 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion:107 Resp: 63521
Ion Ratio Lower Upper
107 100
108 102.2 85.6 128.4
77 55.7 51.4 77.2
79 56.3 49.2 73.8

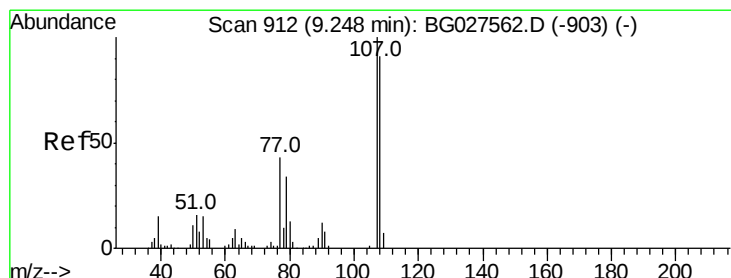
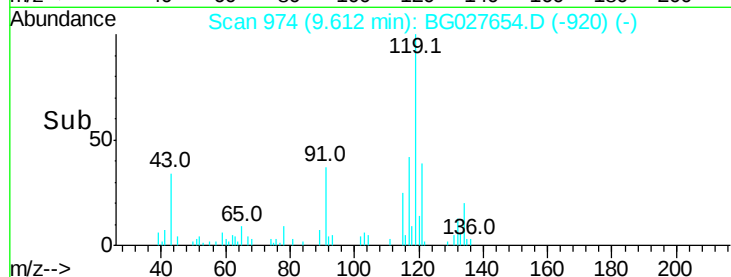
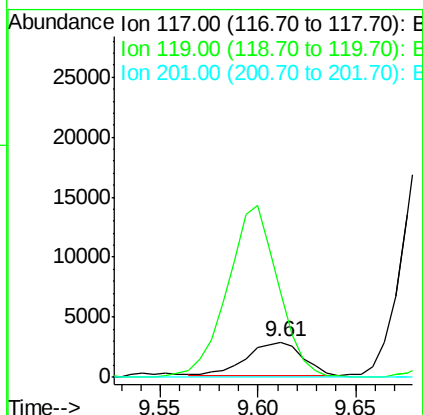
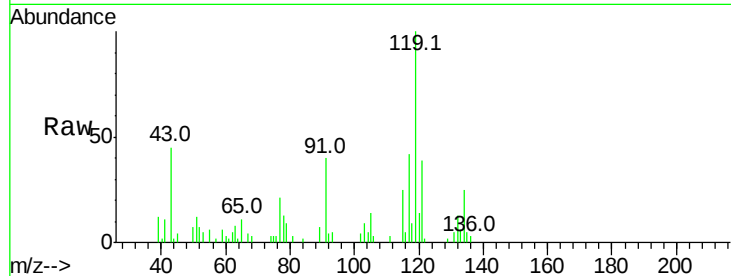




#18
Hexachloroethane
Concen: 9.70 ng
RT: 9.61 min Scan# 974
Delta R.T. 0.02 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

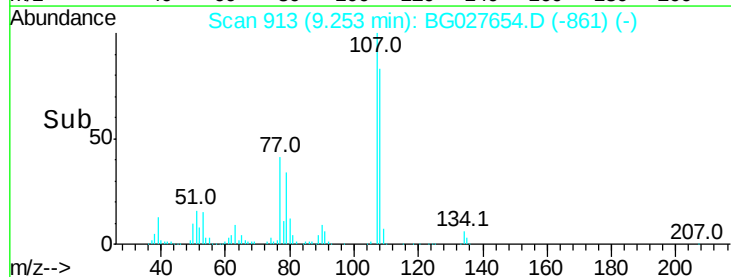
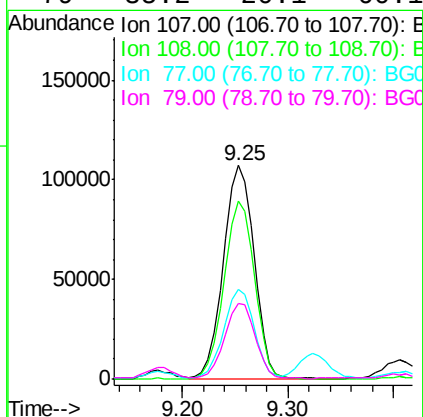
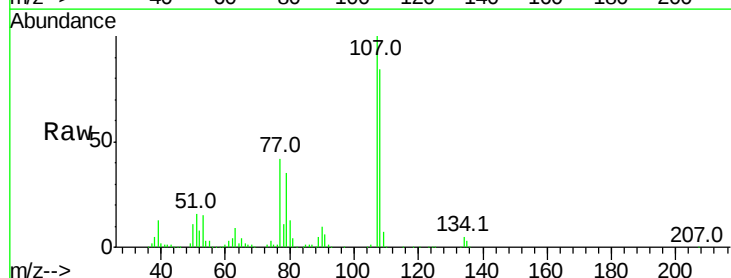
Instrument :
BNA_G
ClientSampled :

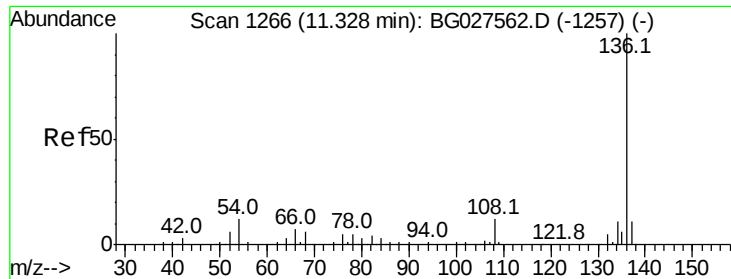
Tot Ion:117 Resp: 5551
Ion Ratio Lower Upper
117 100
119 238.8 69.8 104.6#
201 0.0 95.4 143.0#



#20
3+4-Methylphenols
Concen: 114.59 ng
RT: 9.25 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion:107 Resp: 215441
Ion Ratio Lower Upper
107 100
108 83.6 70.8 110.8
77 41.7 25.8 65.8
79 35.2 20.1 60.1

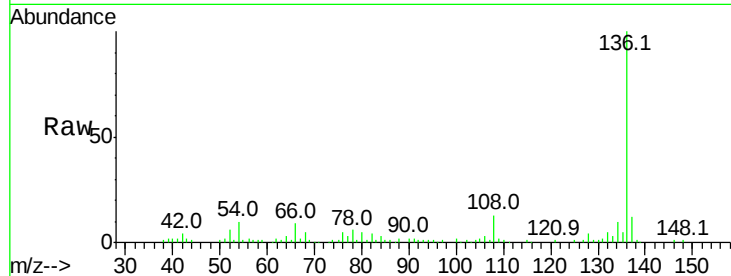




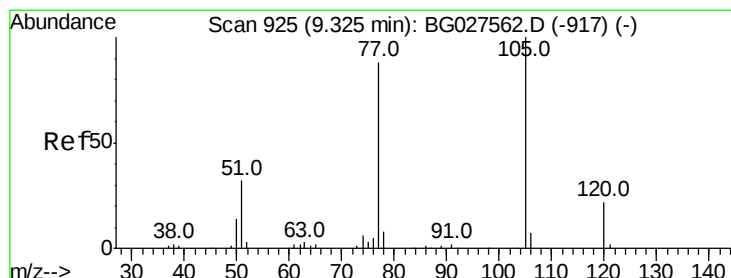
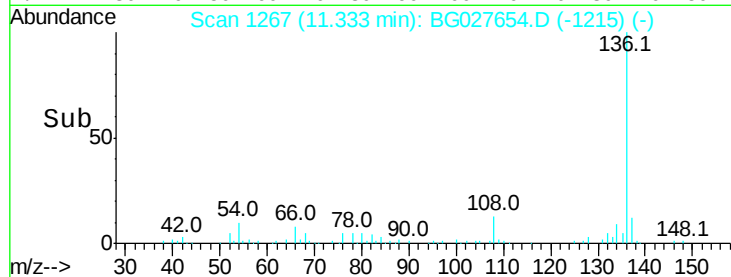
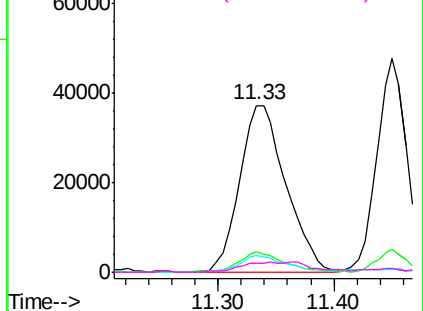
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.33 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	103807
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	10.9	9.3	13.9
68	5.4	5.1	7.7

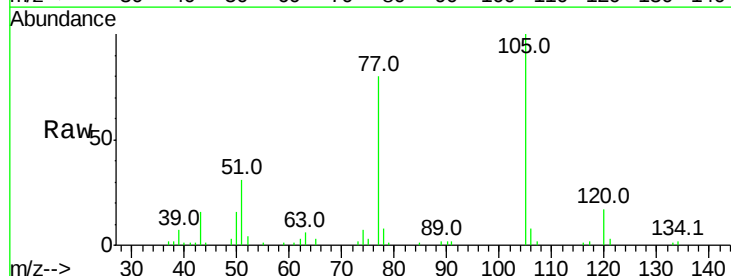


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

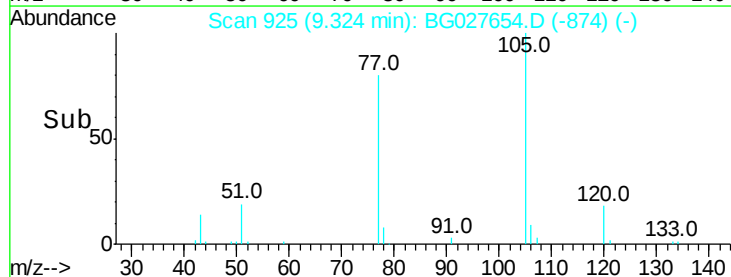
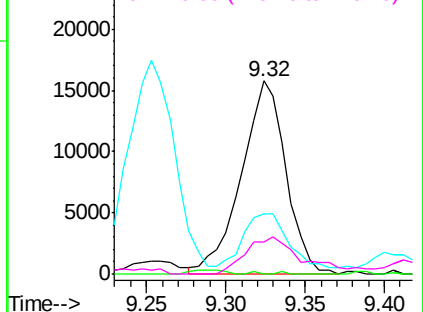


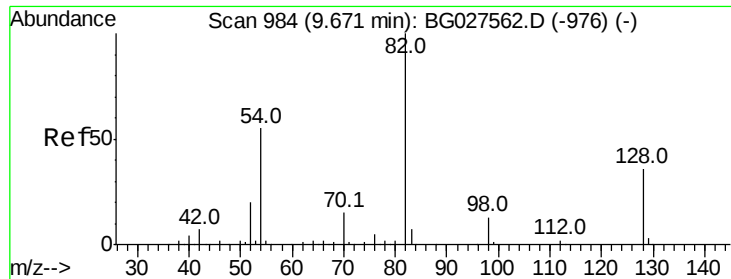
#22
Acetophenone
Concen: 10.81 ng
RT: 9.32 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion:	105	Resp:	30771
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	31.4	34.0	51.0#
120	16.9	17.3	25.9#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

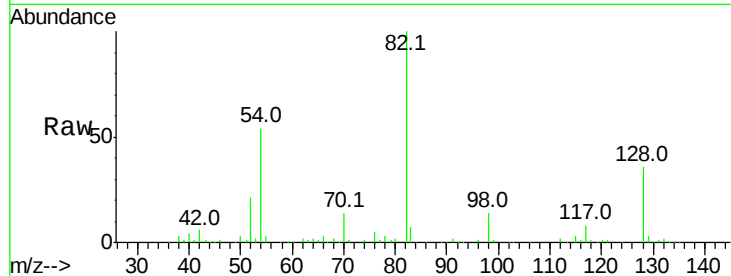




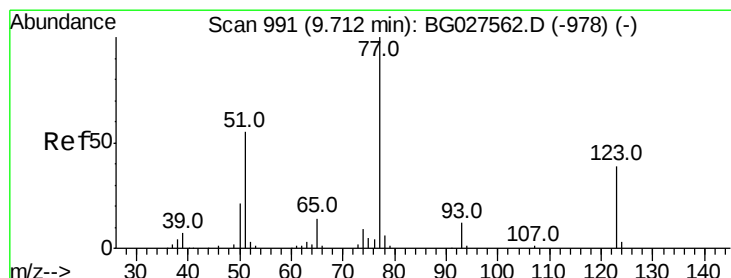
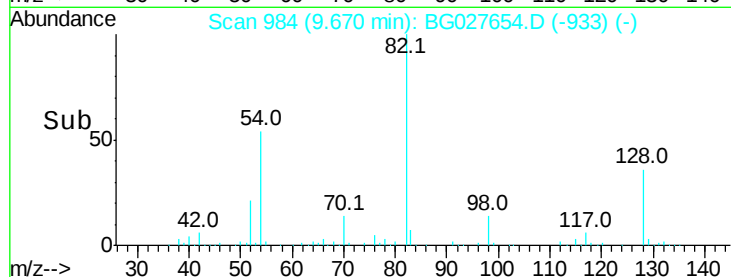
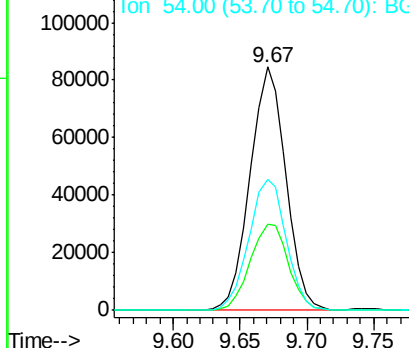
#23
Nitrobenzene-d5
Concen: 71.24 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 156290
Ion Ratio Lower Upper
82 100
128 35.5 26.4 39.6
54 54.0 49.4 74.2

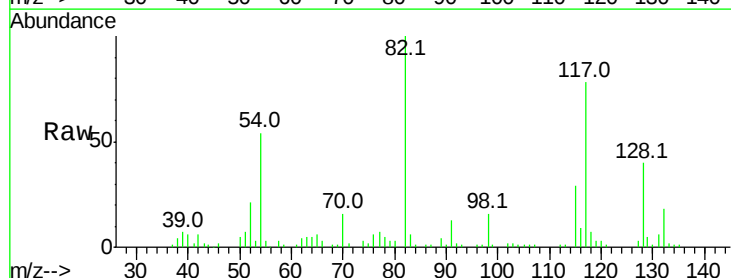


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

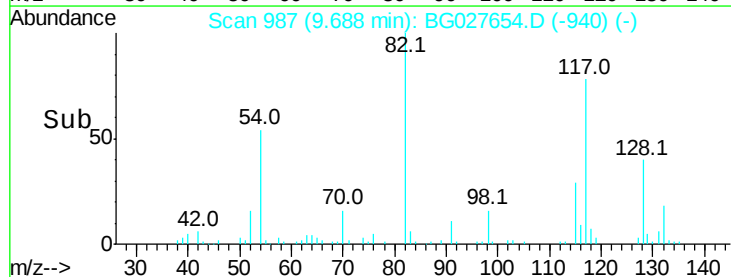
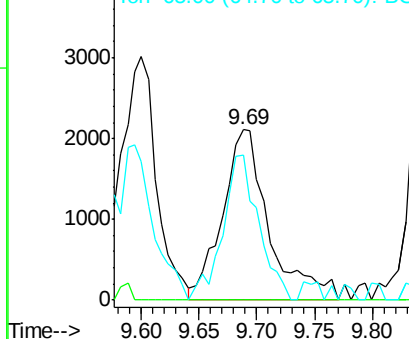


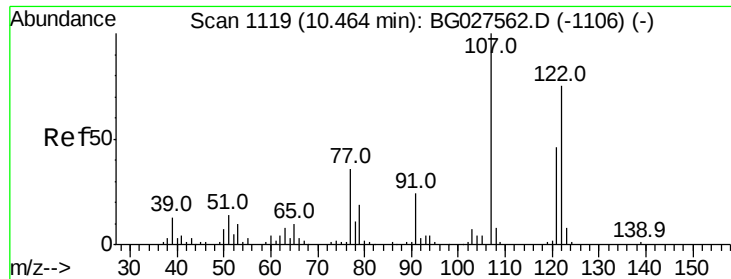
#24
Nitrobenzene
Concen: 2.45 ng
RT: 9.69 min Scan# 987
Delta R.T. -0.02 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion: 77 Resp: 5880
Ion Ratio Lower Upper
77 100
123 0.0 26.1 39.1#
65 85.0 12.4 18.6#



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

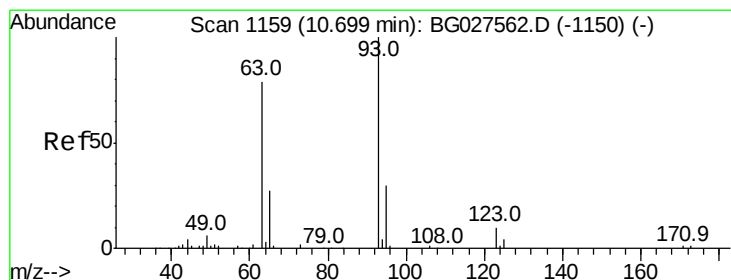
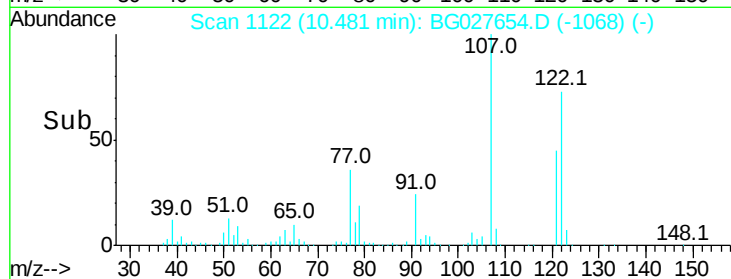
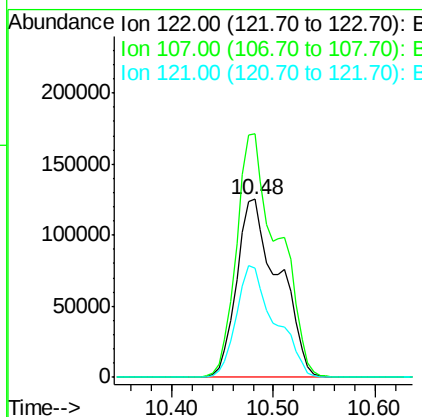
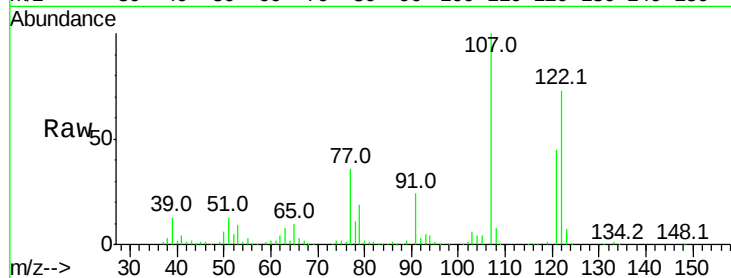




#27
 2,4-Dimethylphenol
 Concen: 214.89 ng
 RT: 10.48 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BG027654.D
 Acq: 24 Jun 2017 11:32

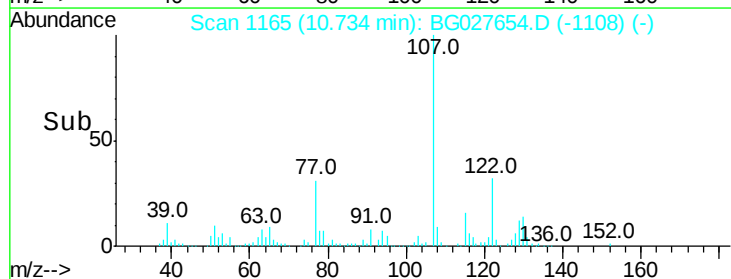
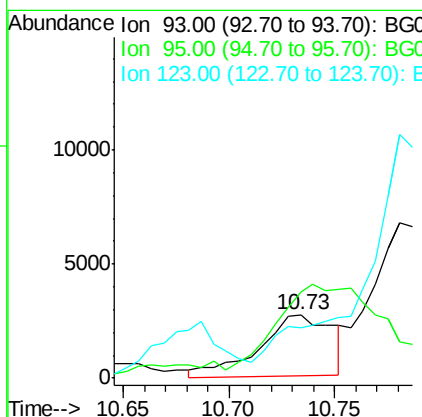
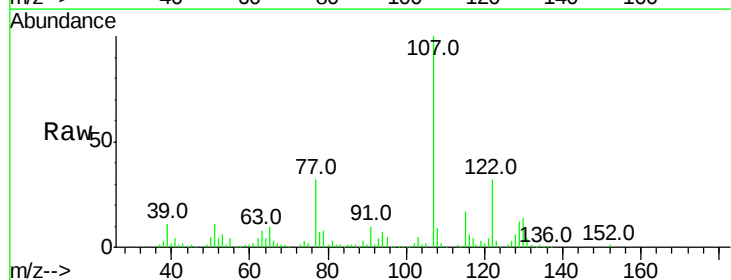
Instrument :
 BNA_G
 ClientSampled :

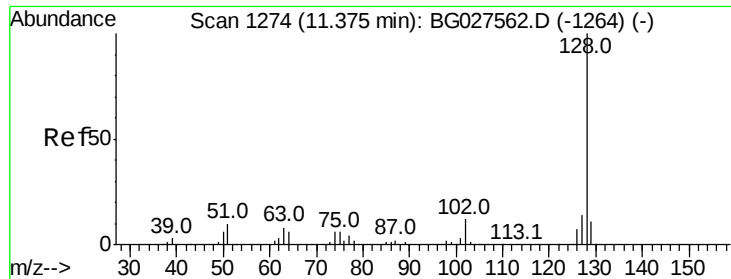
Tot Ion:122 Resp: 360967
 Ion Ratio Lower Upper
 122 100
 107 136.9 104.2 156.4
 121 61.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.54 ng
 RT: 10.73 min Scan# 1165
 Delta R.T. 0.03 min
 Lab File: BG027654.D
 Acq: 24 Jun 2017 11:32

Tgt Ion: 93 Resp: 6452
 Ion Ratio Lower Upper
 93 100
 95 135.6 25.7 38.5#
 123 80.2 8.3 12.5#

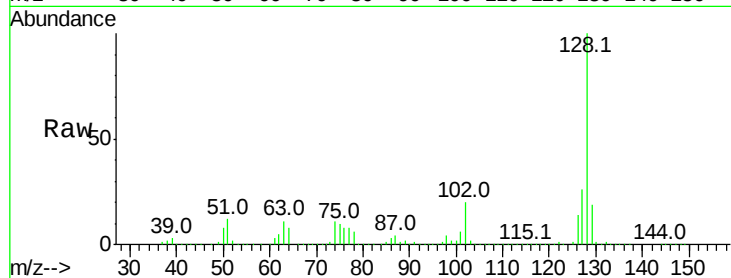




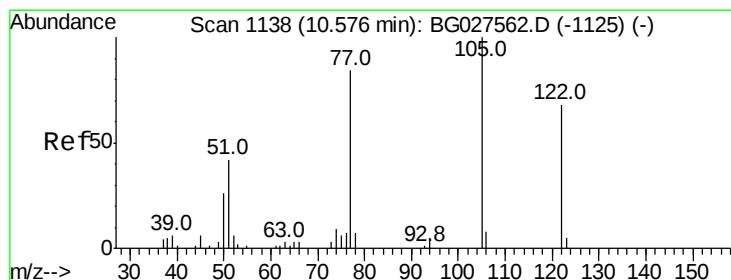
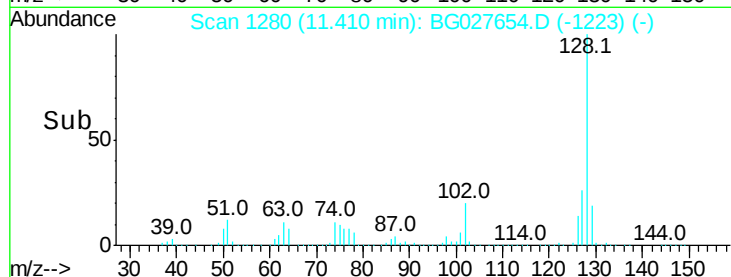
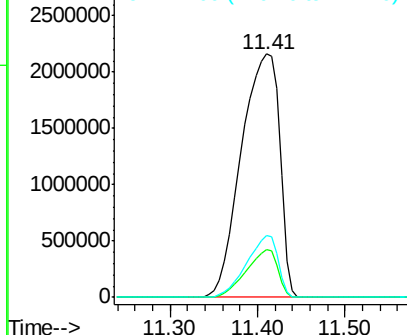
#31
Naphthalene
Concen: 1145.85 ng
RT: 11.41 min Scan# 1280
Delta R.T. 0.03 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 6429089
Ion Ratio Lower Upper
128 100
129 19.5 9.3 13.9#
127 25.6 11.4 17.0#

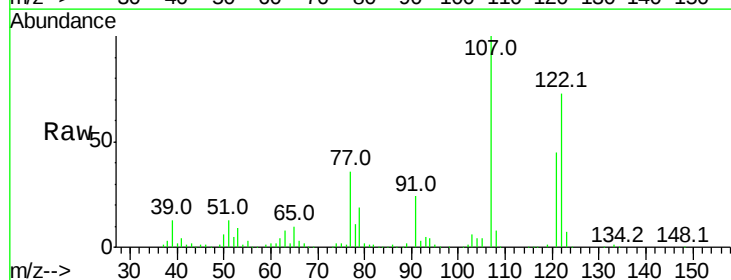


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

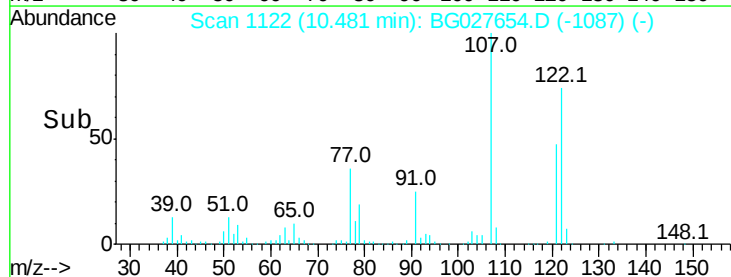
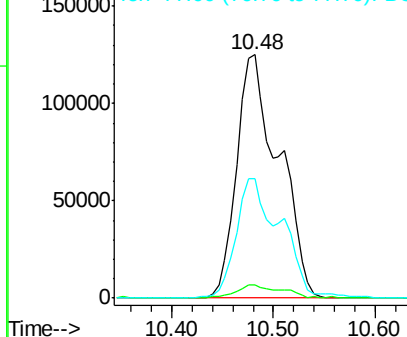


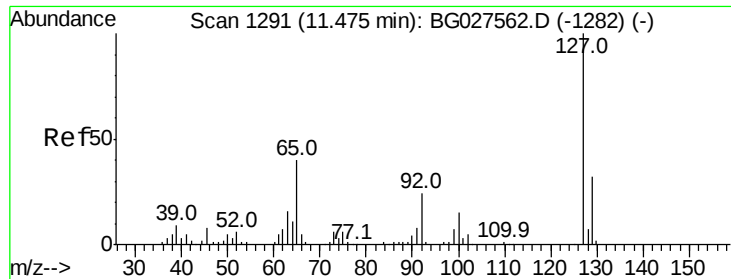
#32
Benzoic acid
Concen: 260.07 ng
RT: 10.48 min Scan# 1122
Delta R.T. -0.09 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion:122 Resp: 360967
Ion Ratio Lower Upper
122 100
105 5.4 120.1 160.1#
77 49.2 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

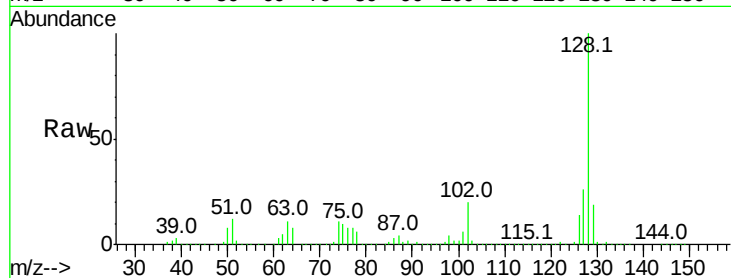




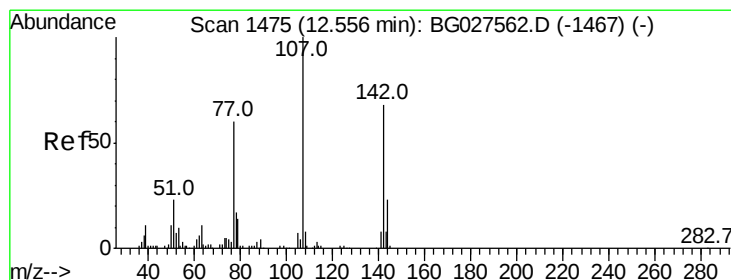
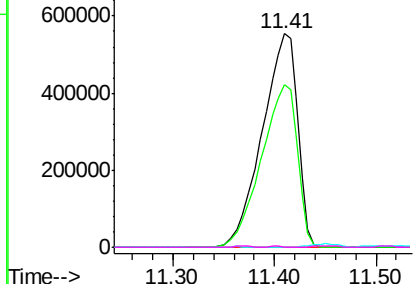
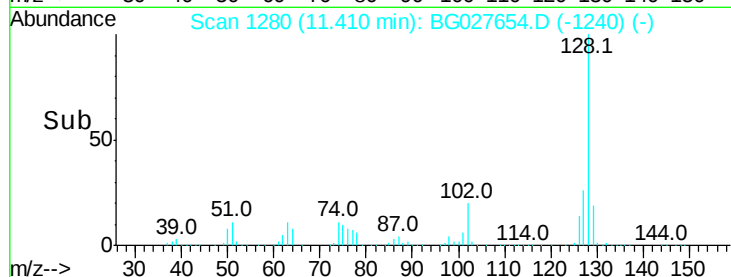
#33
4-Chloroaniline
Concen: 563.89 ng
RT: 11.41 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 1341820
Ion Ratio Lower Upper
127 100
129 76.0 23.6 35.4#
65 0.0 37.7 56.5#
92 0.3 17.6 26.4#

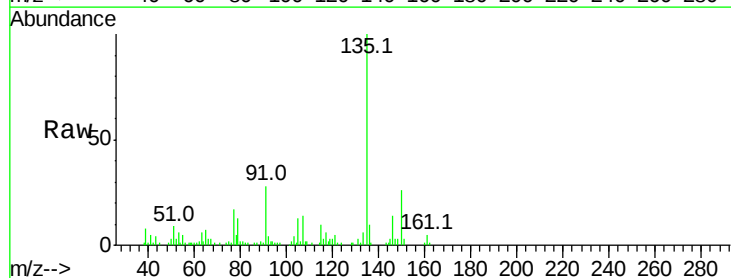


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

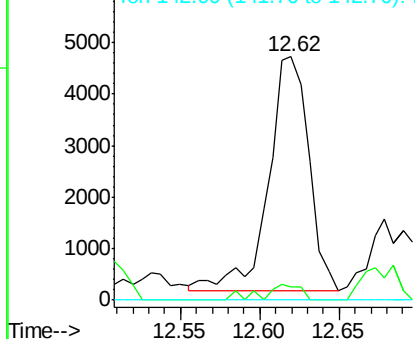
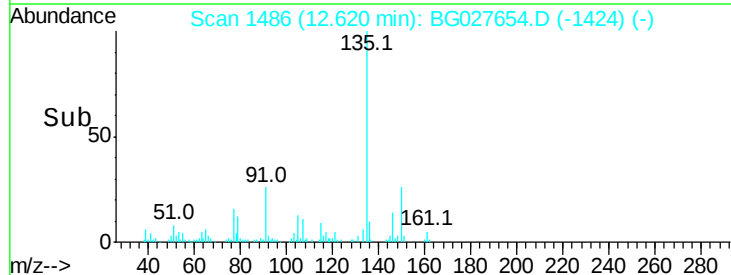


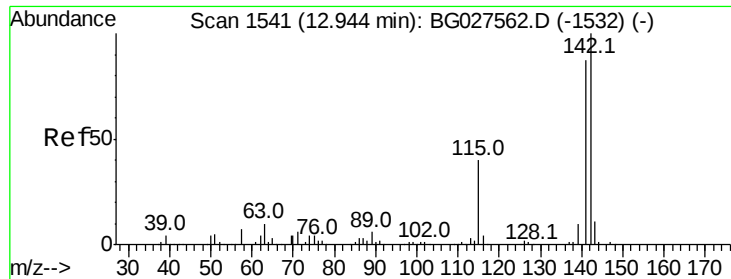
#36
4-Chloro-3-methylphenol
Concen: 3.61 ng
RT: 12.62 min Scan# 1486
Delta R.T. 0.06 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion:107 Resp: 8043
Ion Ratio Lower Upper
107 100
144 5.4 17.4 26.0#
142 0.0 54.1 81.1#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

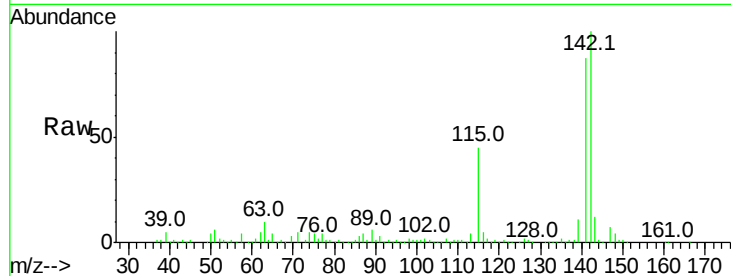




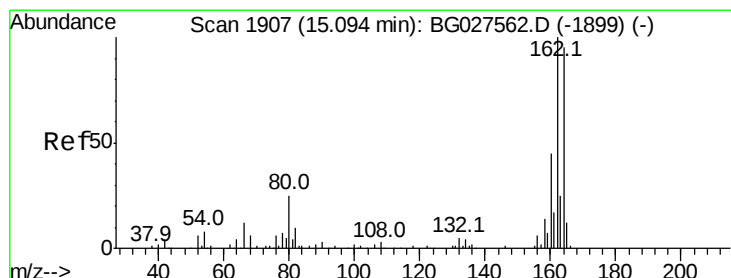
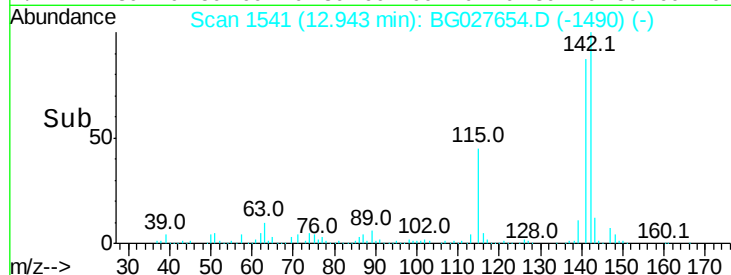
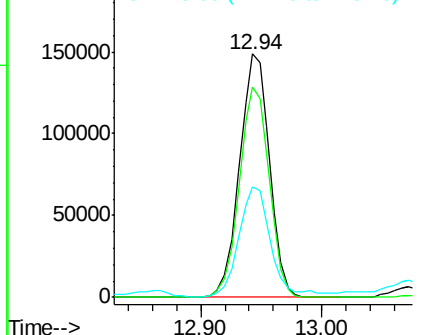
#37
2-Methylnaphthalene
Concen: 62.87 ng
RT: 12.94 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.4	105.6
115	45.4	35.5	53.3

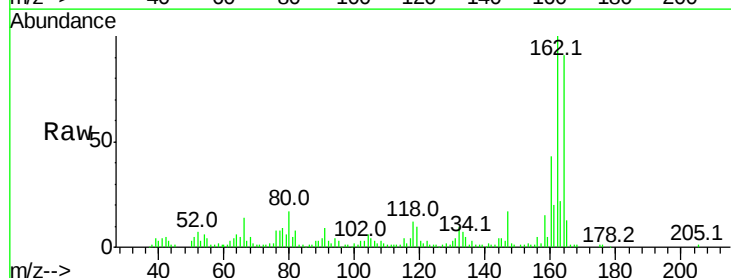


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

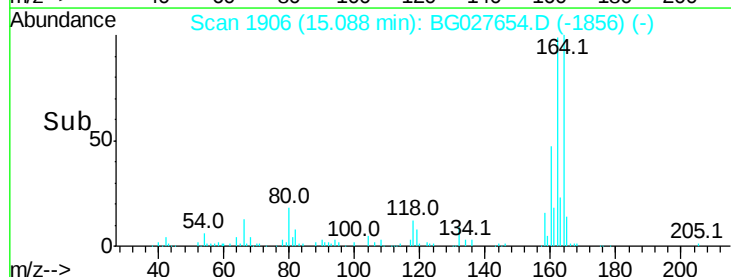
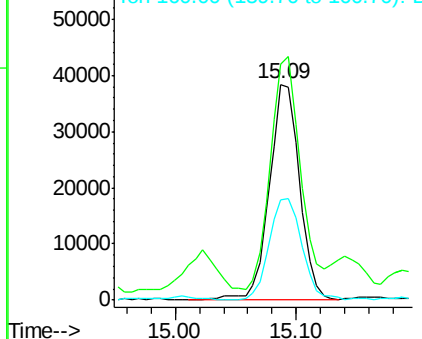


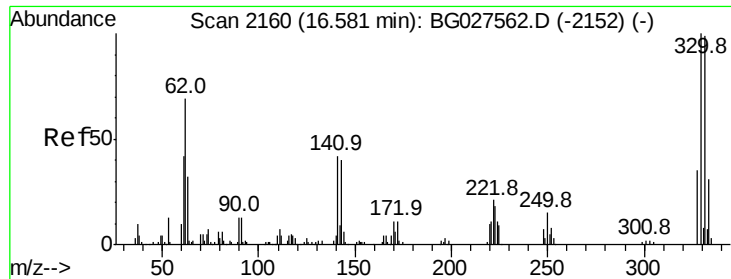
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.6	85.1	127.7
160	46.8	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

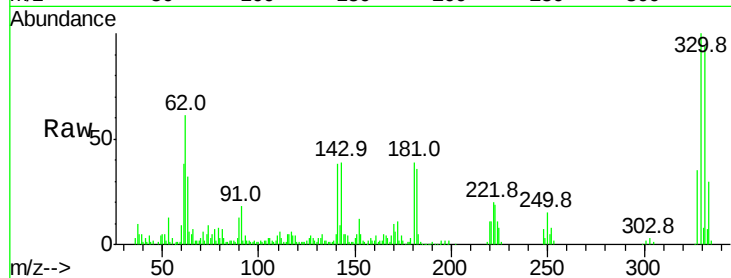




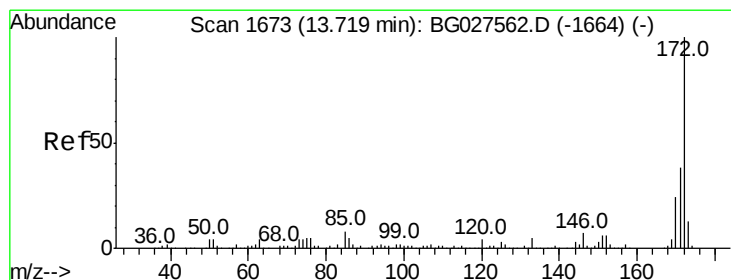
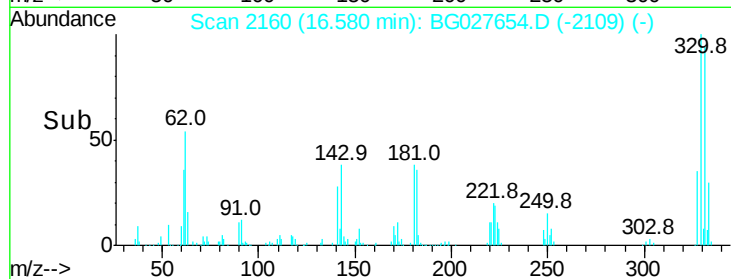
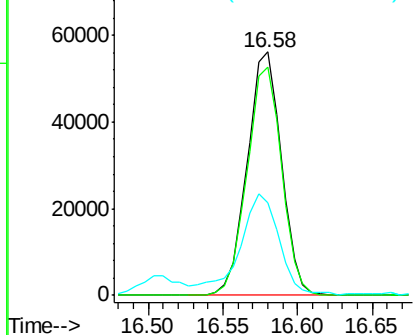
#41
 2,4,6-Tribromophenol
 Concen: 90.00 ng
 RT: 16.58 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG027654.D
 Acq: 24 Jun 2017 11:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 88659
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.3 115.9
 141 47.4 32.1 48.1

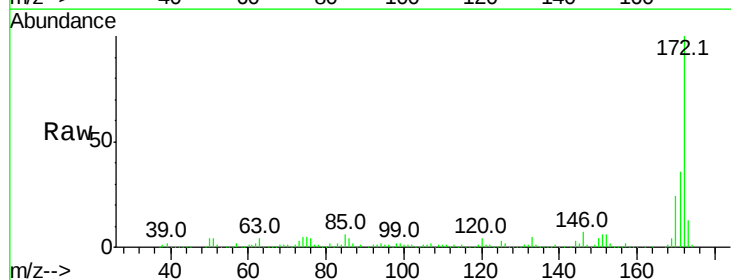


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

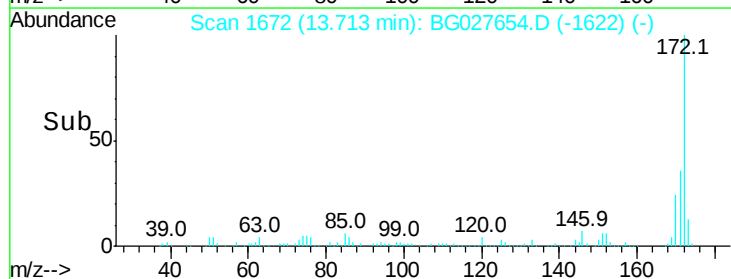
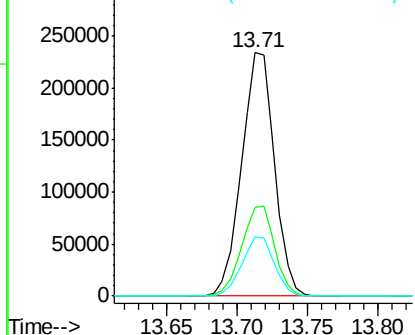


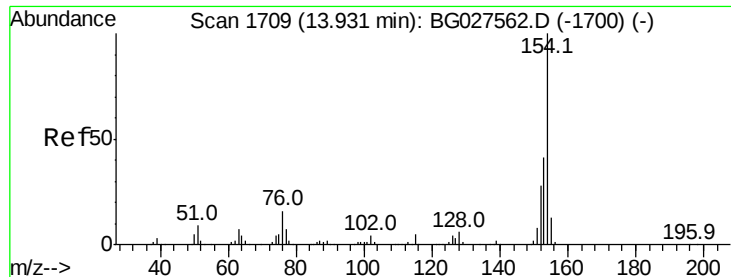
#44
 2-Fluorobiphenyl
 Concen: 78.61 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027654.D
 Acq: 24 Jun 2017 11:32

Tgt Ion:172 Resp: 380246
 Ion Ratio Lower Upper
 172 100
 171 36.4 32.2 48.2
 170 24.1 21.8 32.6



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

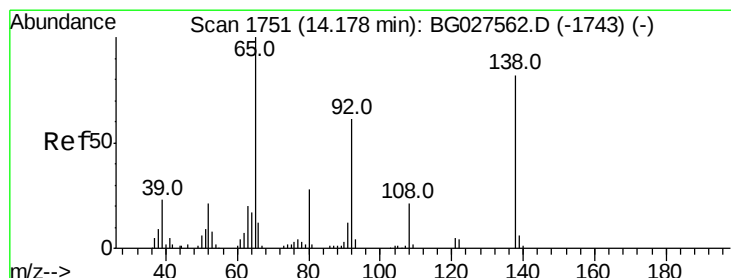
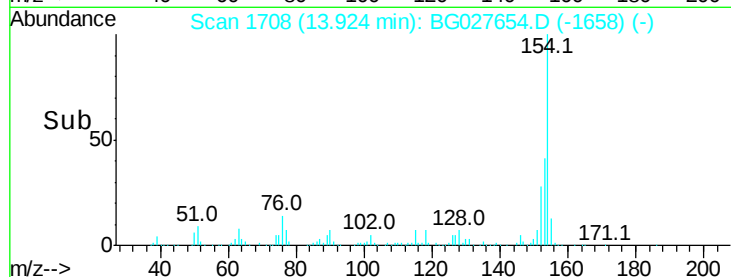
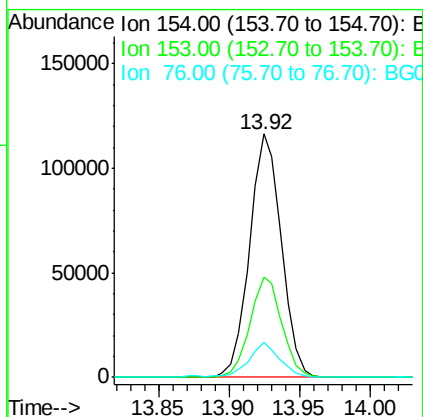
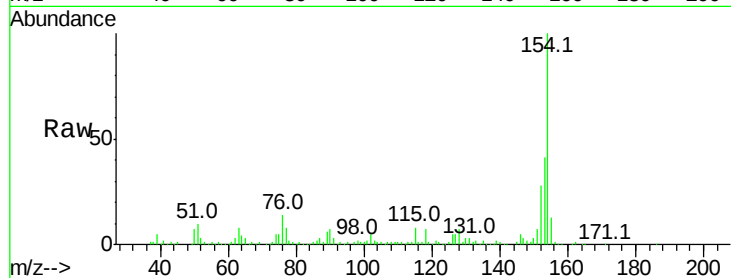




#45
 1,1'-Biphenyl
 Concen: 33.35 ng
 RT: 13.92 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG027654.D
 Acq: 24 Jun 2017 11:32

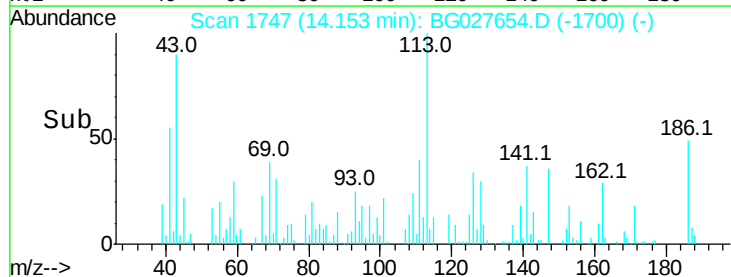
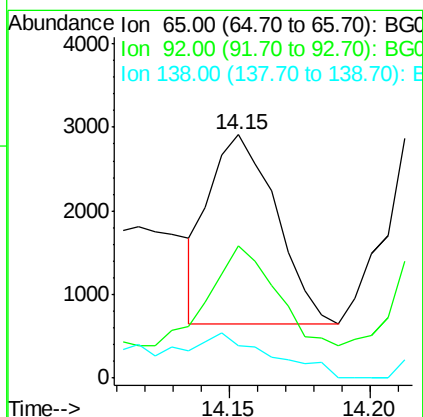
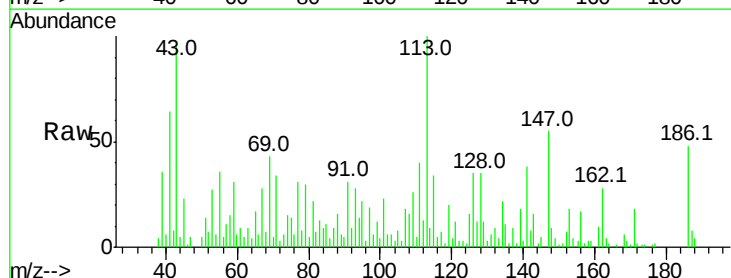
Instrument :
 BNA_G
 ClientSampleId :

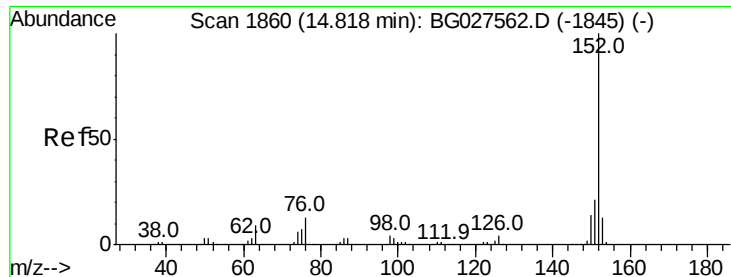
Tot Ion:154 Resp: 183744
 Ion Ratio Lower Upper
 154 100
 153 41.1 23.0 63.0
 76 14.3 0.0 33.5



#47
 2-Nitroaniline
 Concen: 2.03 ng
 RT: 14.15 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG027654.D
 Acq: 24 Jun 2017 11:32

Tgt Ion: 65 Resp: 3731
 Ion Ratio Lower Upper
 65 100
 92 54.2 49.0 73.4
 138 13.3 58.6 87.8#





#48

Acenaphthylene

Concen: 3.16 ng

RT: 14.82 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

Instrument :

BNA_G

ClientSampleId :

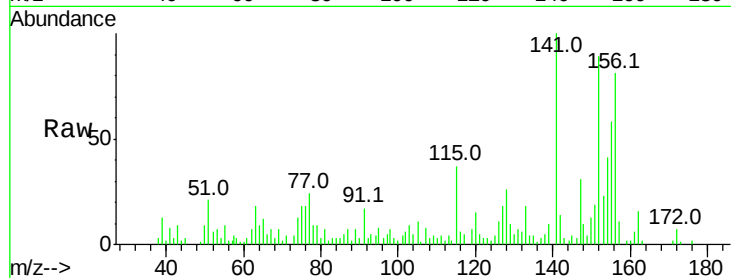
Tot Ion:152 Resp: 22690

Ion Ratio Lower Upper

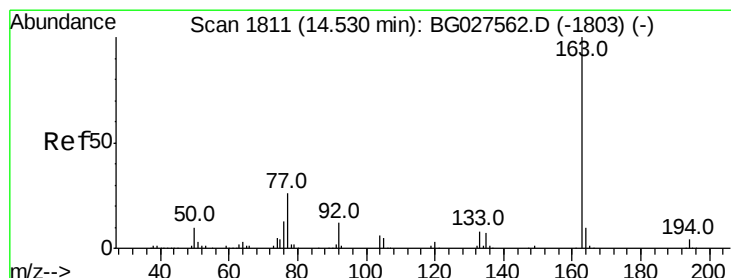
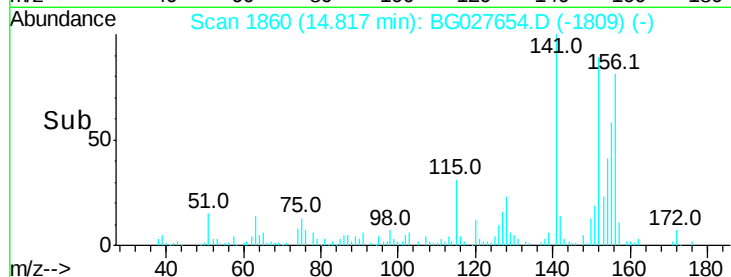
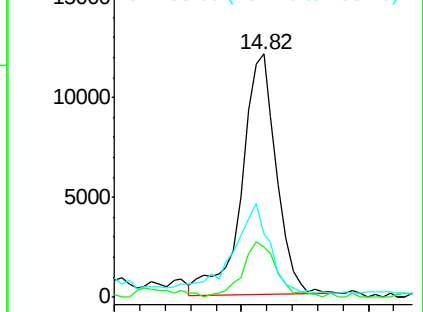
152 100

151 20.8 18.2 27.2

153 25.9 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.51 ng

RT: 14.53 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

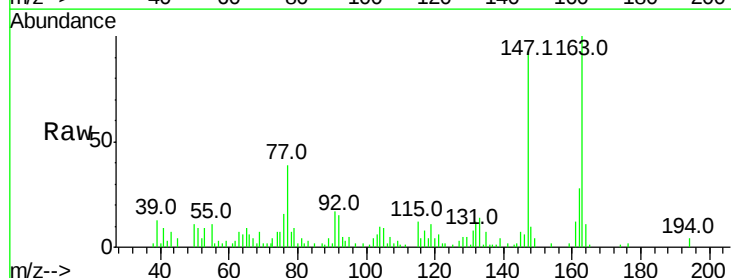
Tgt Ion:163 Resp: 20288

Ion Ratio Lower Upper

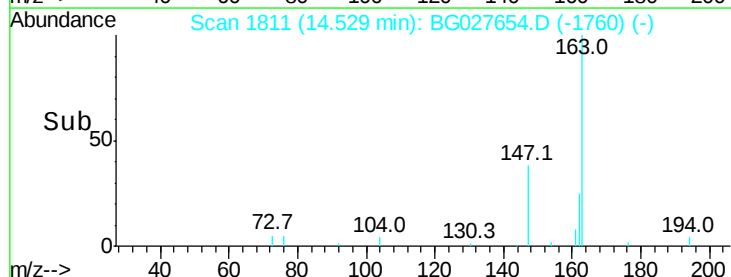
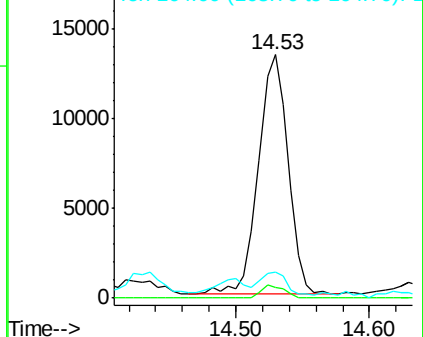
163 100

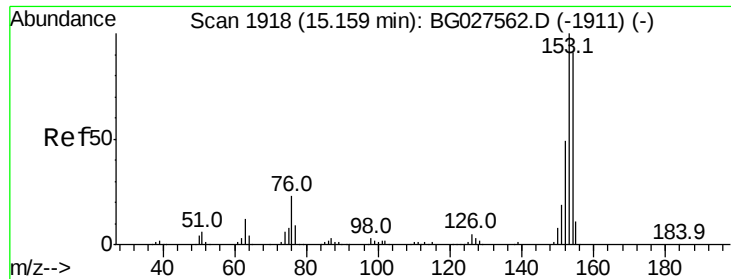
194 4.4 3.8 5.6

164 10.6 9.3 13.9



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





#51

Acenaphthene

Concen: 85.21 ng

RT: 15.16 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

Instrument :

BNA_G

ClientSampleId :

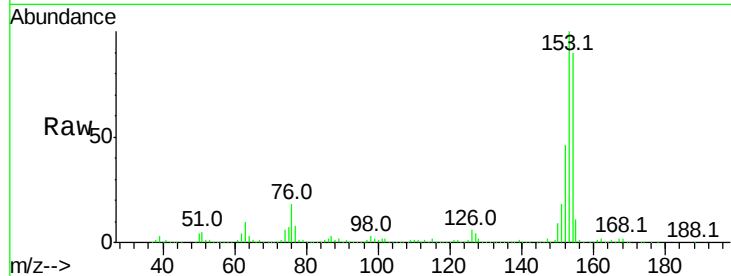
Tot Ion:154 Resp: 426291

Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.8	131.6
152	51.7	42.2	63.4

154 100

153 111.6 87.8 131.6

152 51.7 42.2 63.4

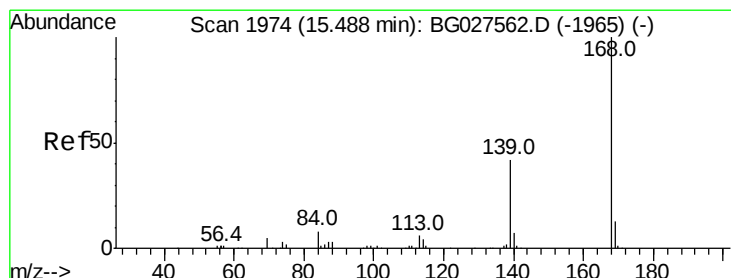
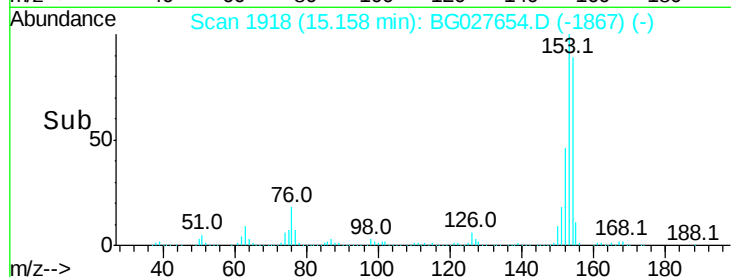
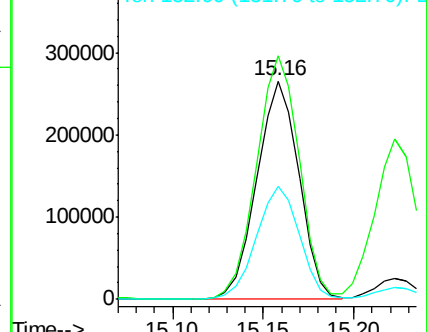


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 71.64 ng

RT: 15.49 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

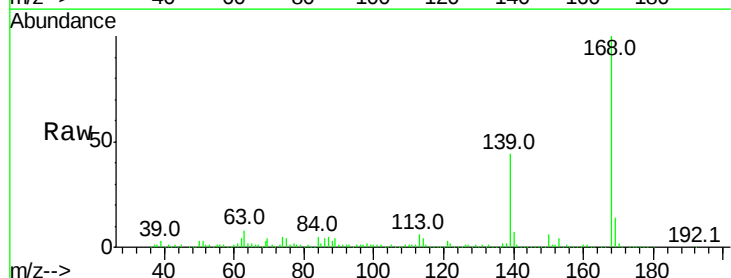
Tgt Ion:168 Resp: 466844

Ion	Ratio	Lower	Upper
168	100		
139	43.9	35.3	52.9
169	13.6	11.5	17.3

168 100

139 43.9 35.3 52.9

169 13.6 11.5 17.3

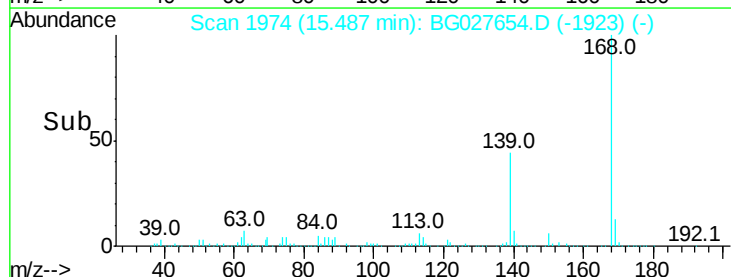
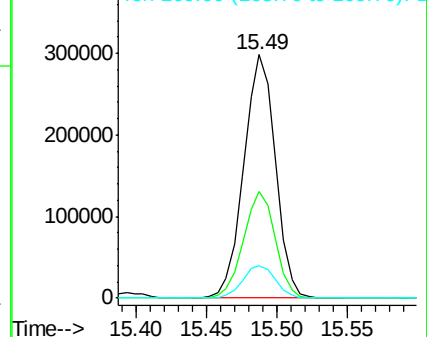


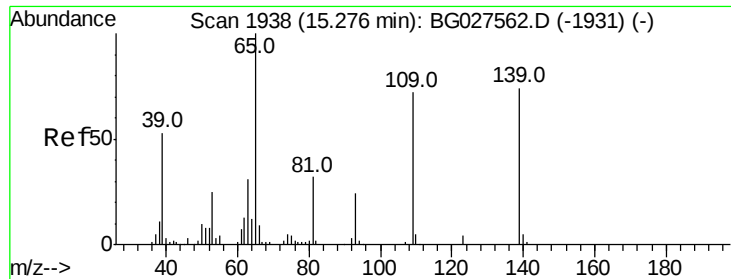
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

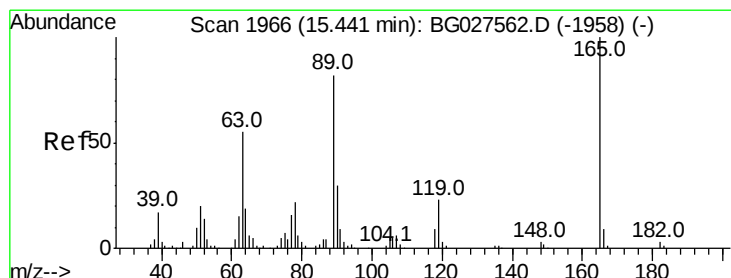
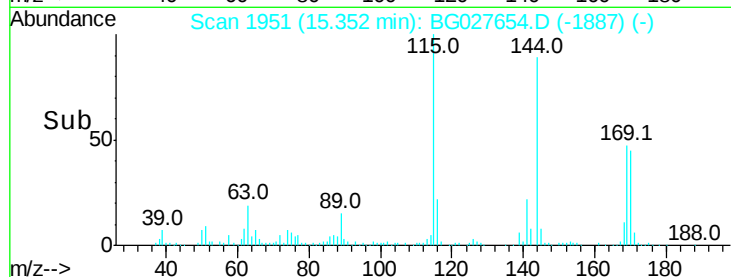
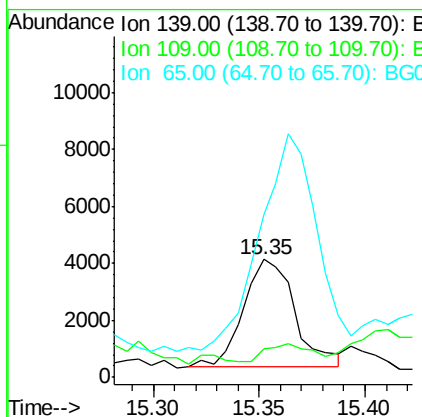
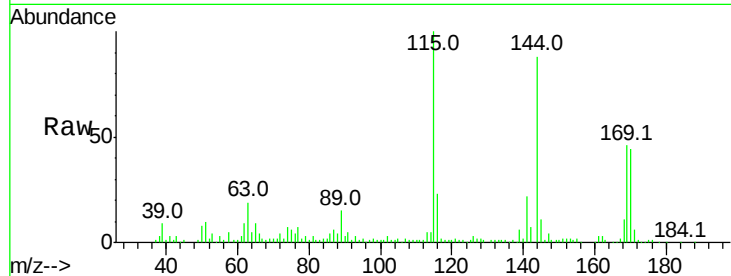




#55
4-Nitrophenol
Concen: 5.82 ng
RT: 15.35 min Scan# 1951
Delta R.T. 0.08 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

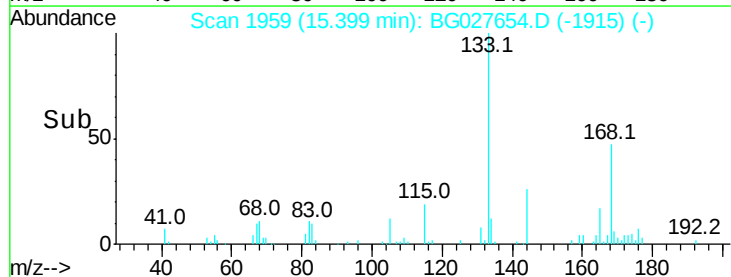
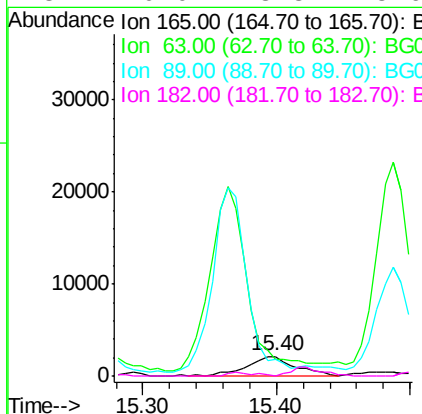
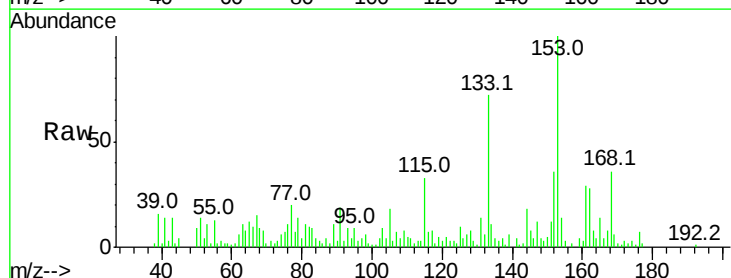
Instrument :
BNA_G
ClientSampleId :

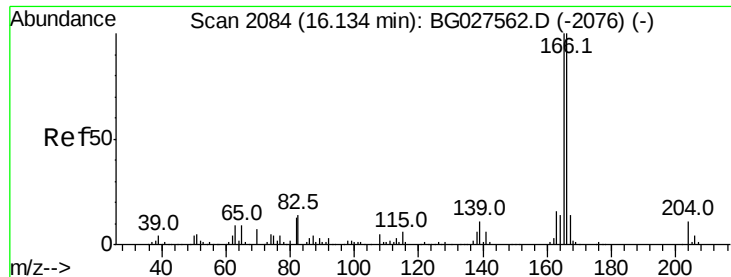
Tot Ion:139 Resp: 6461
Ion Ratio Lower Upper
139 100
109 24.0 101.2 141.2#
65 138.5 135.3 175.3



#56
2,4-Dinitrotoluene
Concen: 3.00 ng
RT: 15.40 min Scan# 1959
Delta R.T. -0.04 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion:165 Resp: 5344
Ion Ratio Lower Upper
165 100
63 82.7 44.0 66.0#
89 81.2 67.3 100.9
182 0.0 3.8 5.6#





#57

Fluorene

Concen: 50.75 ng

RT: 16.13 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

Instrument :

BNA_G

ClientSampled :

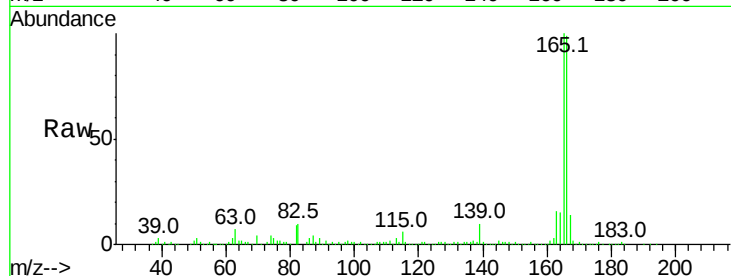
Tot Ion:166 Resp: 313192

Ion Ratio Lower Upper

166 100

165 101.1 78.6 117.8

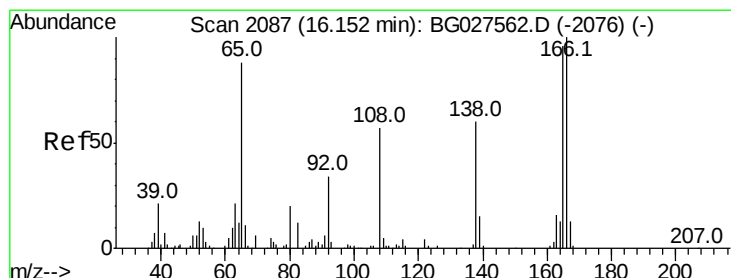
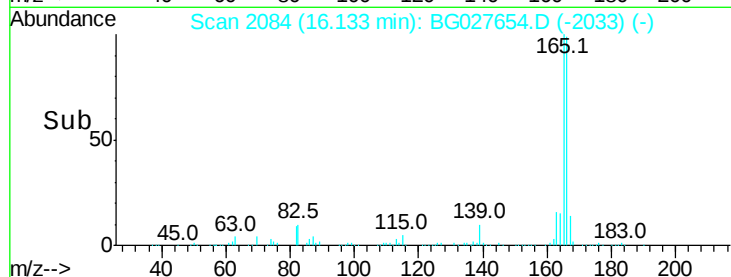
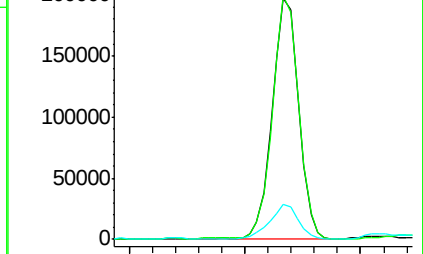
167 14.6 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 3.41 ng

RT: 16.13 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

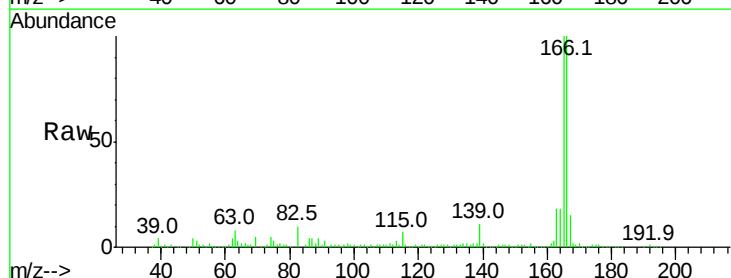
Tgt Ion:138 Resp: 4960

Ion Ratio Lower Upper

138 100

92 18.7 44.2 84.2#

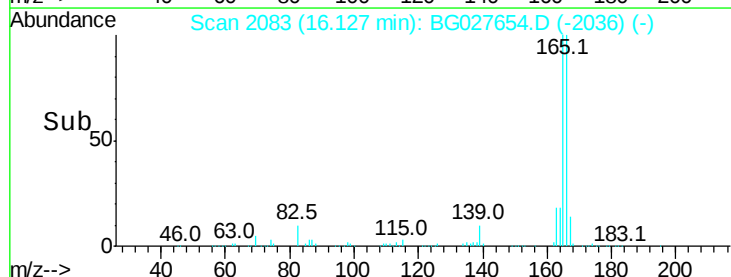
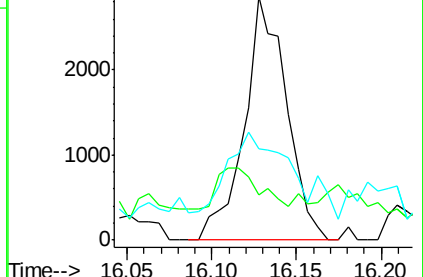
108 37.3 104.8 144.8#

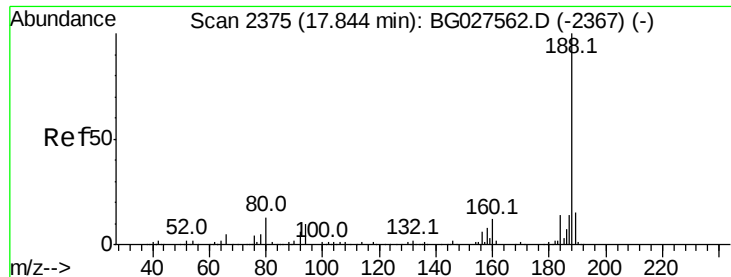


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

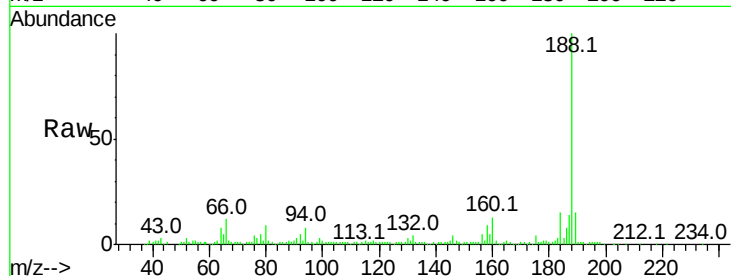




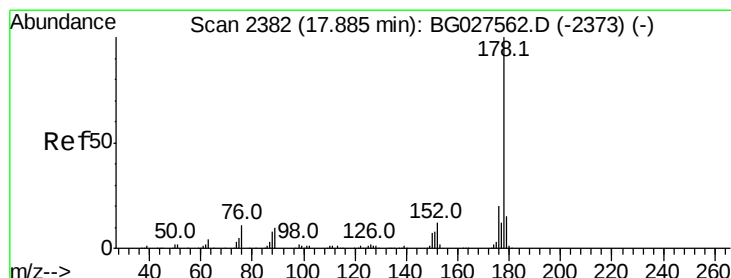
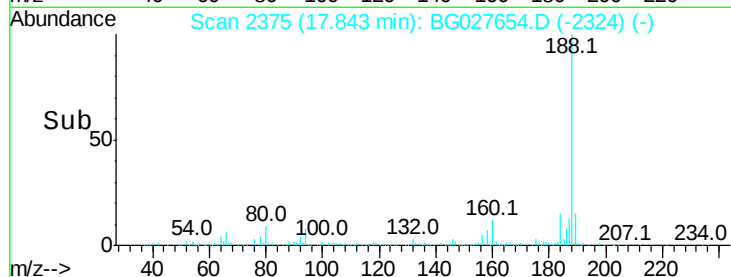
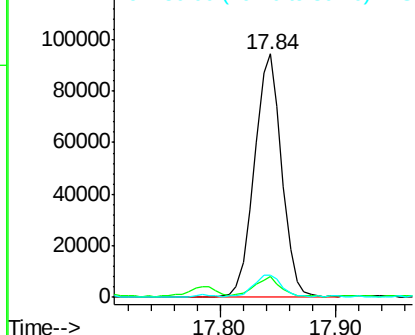
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 155735
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 9.3 7.5 11.3

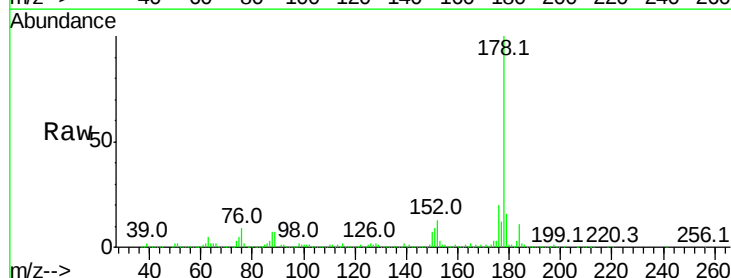


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

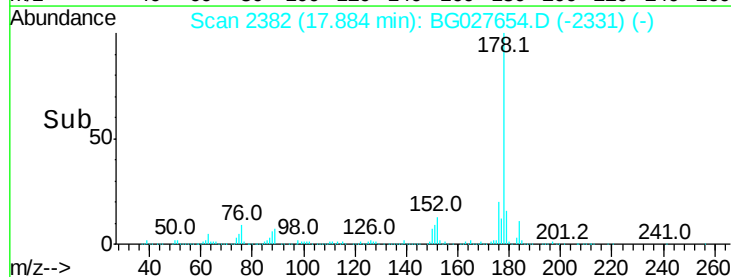
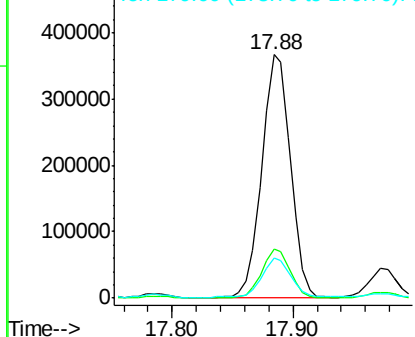


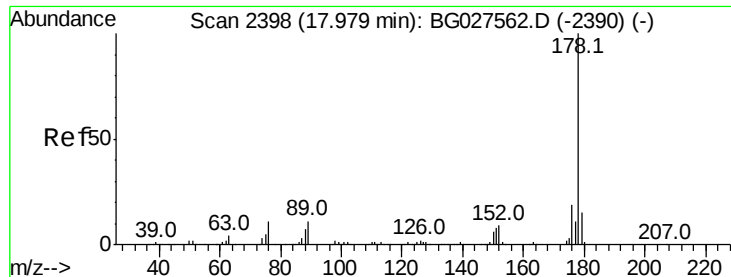
#70
Phenanthrene
Concen: 67.79 ng
RT: 17.88 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion:178 Resp: 600624
Ion Ratio Lower Upper
178 100
176 19.9 17.7 26.5
179 16.4 15.0 22.6



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: 7.81 ng

RT: 17.97 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

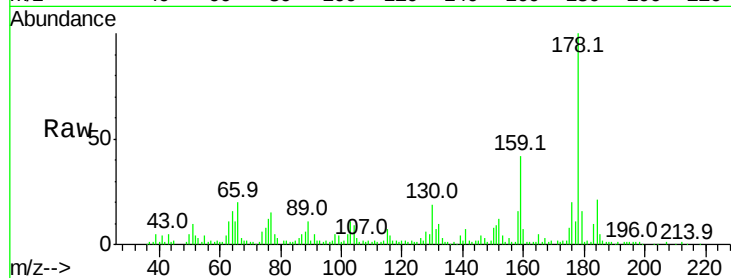
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 69630

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.4	24.6
179	15.9	13.8	20.8

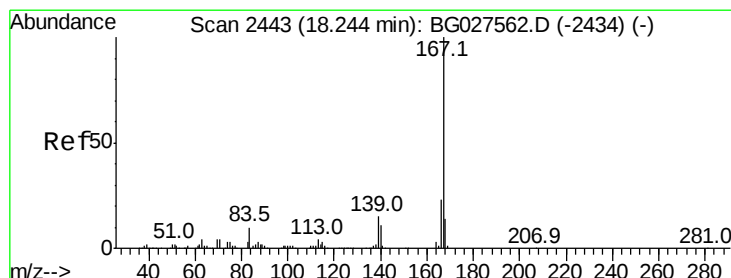
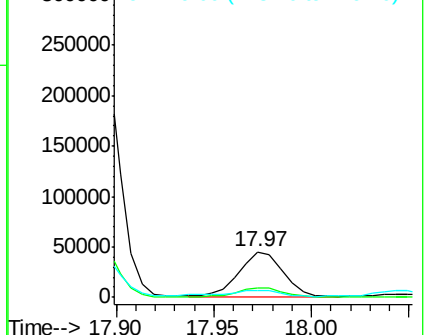
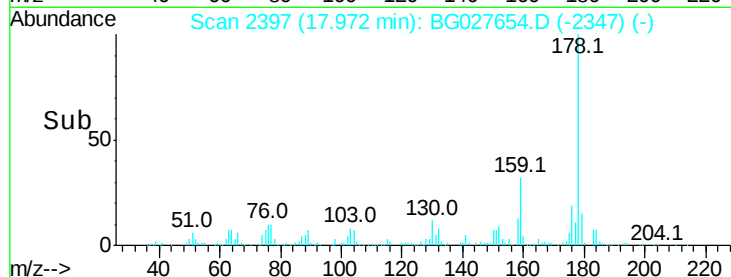


Abundance

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



#72

Carbazole

Concen: 39.96 ng

RT: 18.25 min Scan# 2444

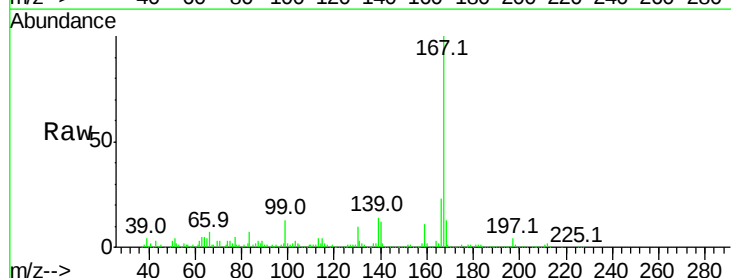
Delta R.T. 0.00 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

Tgt Ion:167 Resp: 347227

Ion	Ratio	Lower	Upper
167	100		
166	23.4	20.2	30.2
139	14.2	12.8	19.2

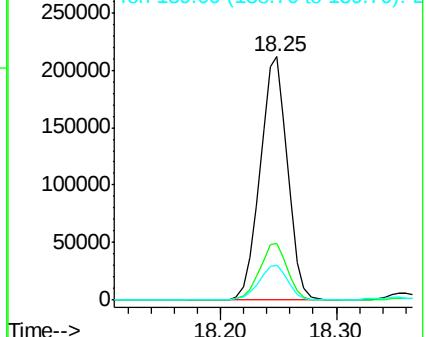
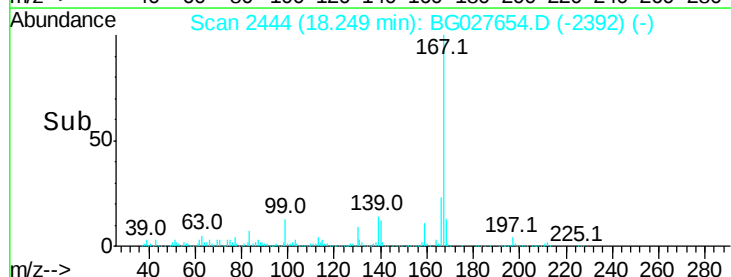


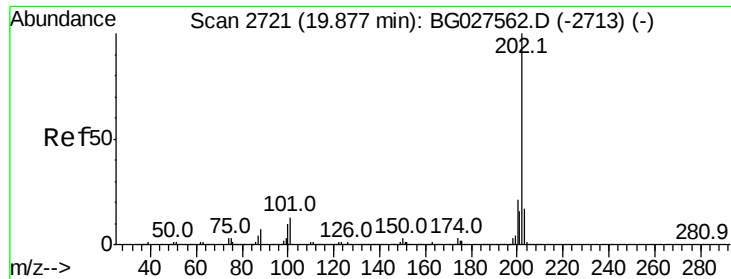
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 7.29 ng

RT: 19.89 min Scan# 2724

Delta R.T. 0.02 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

Instrument :

BNA_G

ClientSampleId :

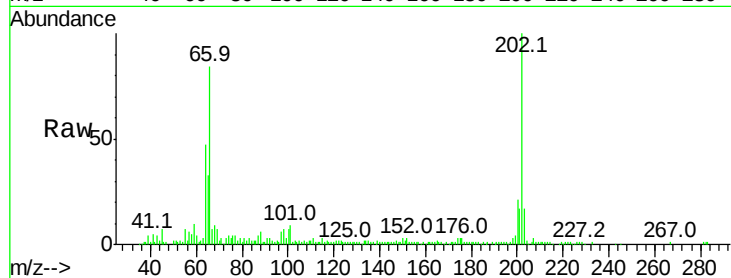
Tot Ion:202 Resp: 75265

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.1

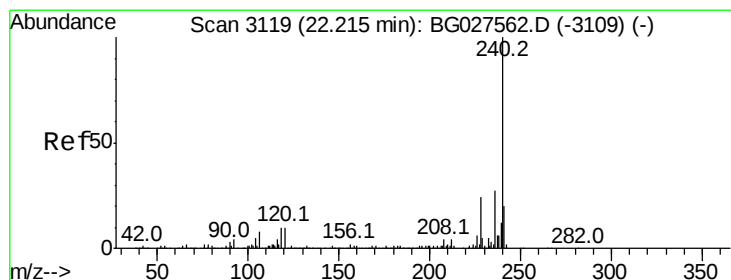
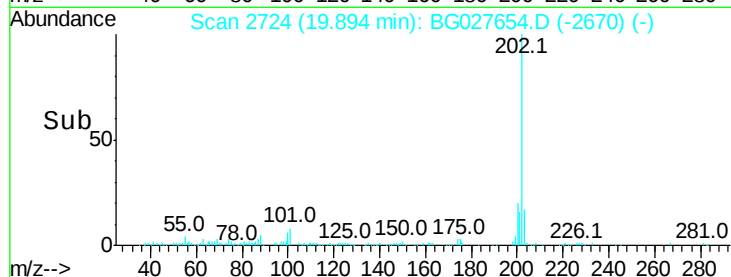
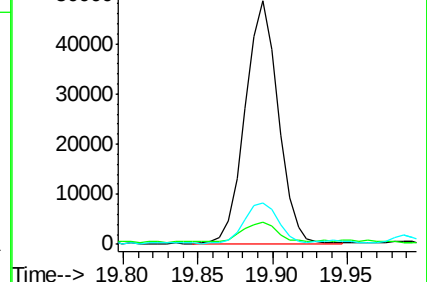
203 16.9 1.3 41.3



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: 20.00 ng

RT: 22.21 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG027654.D

Acq: 24 Jun 2017 11:32

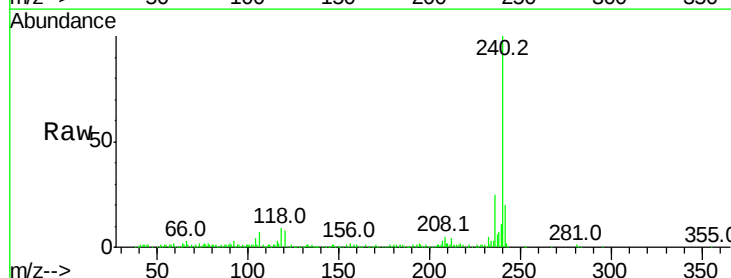
Tgt Ion:240 Resp: 179639

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

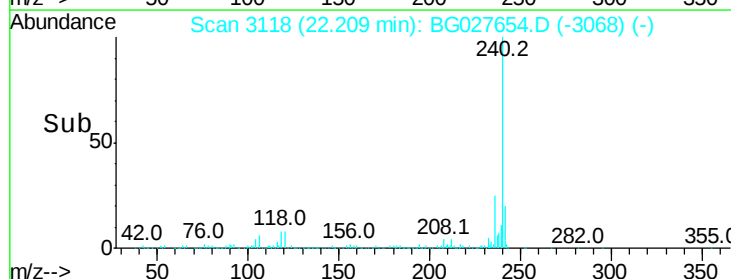
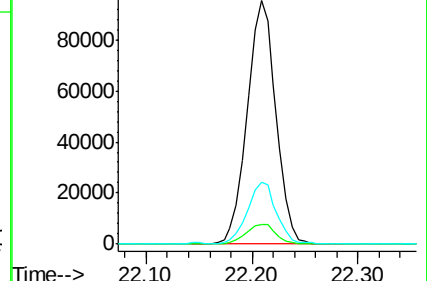
236 25.3 22.2 33.4

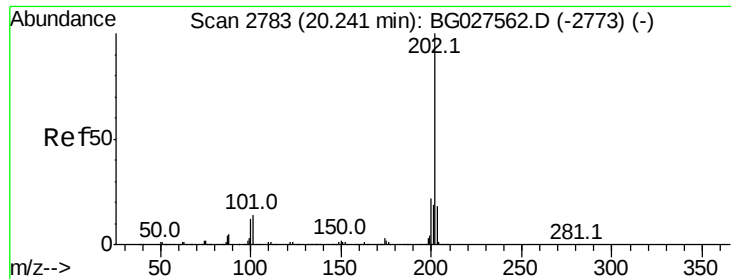


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

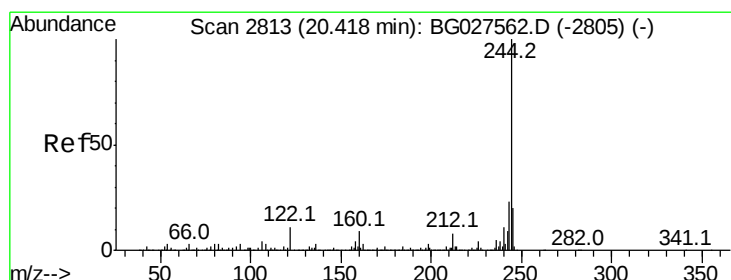
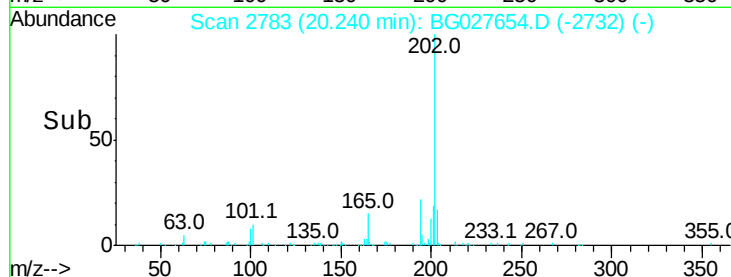
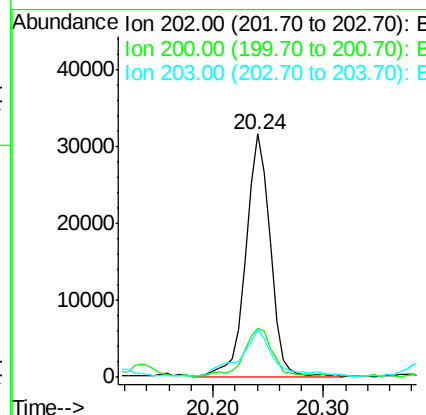
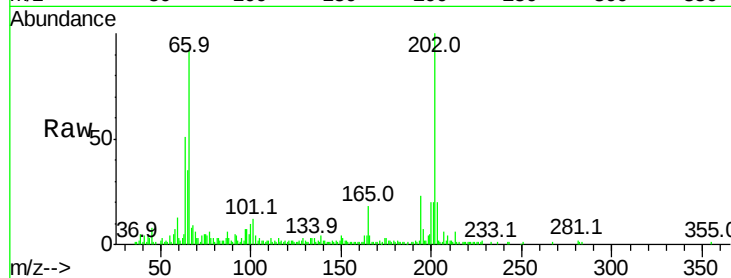




#77
Pvrene
Concen: 4.58 ng
RT: 20.24 min Scan# 2783
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

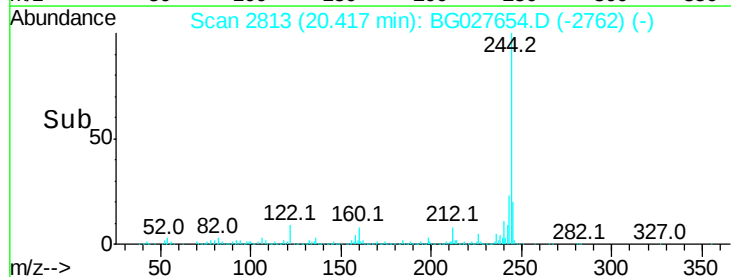
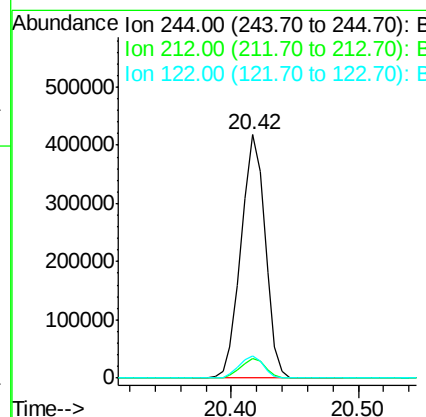
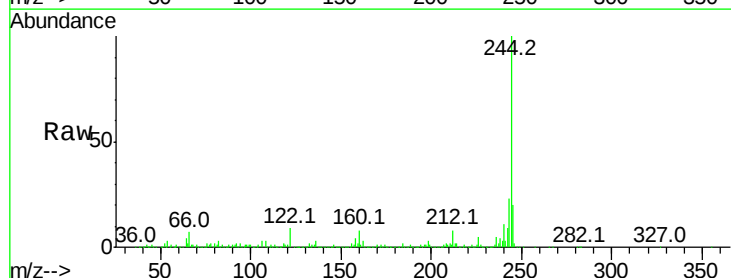
Instrument :
BNA_G
ClientSampleId :

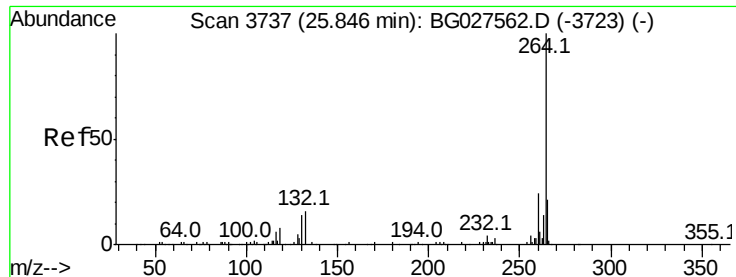
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.6	29.4
203	19.5	15.8	23.8



#78
Terphenyl-d14
Concen: 72.04 ng
RT: 20.42 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	9.3	8.6	12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.85 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG027654.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	20.7	18.2	27.4

