

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028676.D
 Acq On : 12 Sep 2017 19:11
 Operator : SJ/JU
 Sample : PB102188BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 04:02:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	31841	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	122131	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	88118	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	265949	20.00	ng	0.00
75) Chrysene-d12	22.03	240	304193	20.00	ng	0.00
86) Perylene-d12	25.53	264	313811	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	258939	134.19	ng	0.00
7) Phenol-d6	7.49	99	341623	117.58	ng	0.00
23) Nitrobenzene-d5	9.50	82	213855	83.76	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	212079	145.52	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	558895	84.57	ng	0.00
78) Terphenyl-d14	20.28	244	1128759	79.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	70	0.090	ng	# 1
3) Pyridine	4.31	79	60	0.027	ng	# 7
4) n-Nitrosodimethylamine	4.17	42	63	0.062	ng	# 1
6) Aniline	7.87	93	265	0.078	ng	# 1
9) Benzaldehyde	7.49	77	568	0.315	ng	# 10
11) bis(2-Chloroethyl)ether	7.87	93	265	0.120	ng	# 1
14) 1,2-Dichlorobenzene	8.70	146	58	0.025	ng	# 21
15) Benzyl Alcohol	8.65	79	4047	1.784	ng	# 63
16) 2,2'-oxybis(1-Chloropropan	8.84	45	69	0.017	ng	# 74
19) n-Nitroso-di-n-propylamine	9.28	70	75	0.036	ng	# 29
24) Nitrobenzene	9.50	77	797	0.282	ng	# 49
25) Isophorone	9.97	82	73	0.014	ng	# 67
27) 2,4-Dimethylphenol	10.22	122	61	0.028	ng	# 1
28) bis(2-Chloroethoxy)methane	10.35	93	54	0.019	ng	# 50
29) 2,4-Dichlorophenol	10.89	162	62	0.028	ng	# 25
32) Benzoic acid	10.39	122	63	6.121	ng	# 1
36) 4-Chloro-3-methylphenol	12.66	107	56	0.020	ng	# 25
37) 2-Methylnaphthalene	12.80	142	91	0.019	ng	# 14
40) Hexachlorocyclopentadiene	13.14	237	59	7.641	ng	# 29
45) 1,1'-Biphenyl	13.78	154	386	0.053	ng	# 41
46) 2-Chloronaphthalene	13.89	162	72	0.014	ng	# 38
47) 2-Nitroaniline	14.23	65	54	0.027	ng	# 16
50) 2,6-Dinitrotoluene	14.51	165	85	0.052	ng	# 11
51) Acenaphthene	14.95	154	103	0.020	ng	# 6
52) 3-Nitroaniline	14.68	138	61	0.042	ng	# 1
54) Dibenzofuran	15.38	168	60	0.007	ng	# 40
59) Diethylphthalate	15.74	149	80	0.011	ng	# 56
60) 4-Chlorophenyl-phenylether	15.99	204	53	0.013	ng	# 26
62) Azobenzene	16.43	77	1023	0.160	ng	# 37
65) n-Nitrosodiphenylamine	16.43	169	7032	0.922	ng	# 46
68) Atrazine	17.30	200	60	0.018	ng	# 36
72) Carbazole	18.33	167	63	0.005	ng	# 55
73) Di-n-butylphthalate	18.63	149	64	0.004	ng	# 73
76) Benzidine	19.92	184	4218	0.535	ng	# 86

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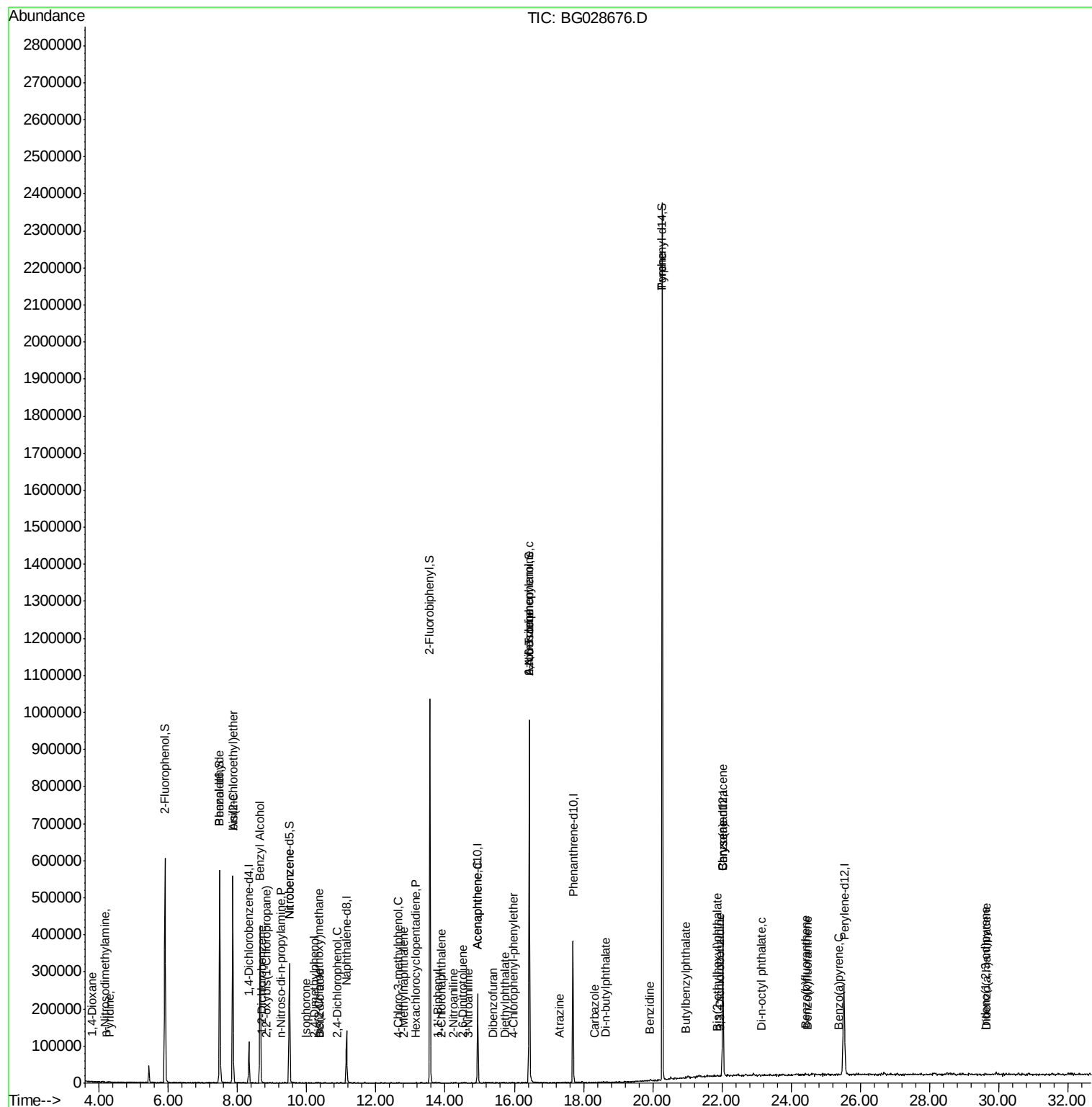
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	20.28	202	4455	0.254	nq	# 76
79) Butylbenzylphthalate	20.96	149	126	0.018	nq	# 77
80) Benzo(a)anthracene	22.03	228	988	0.054	nq	# 53
81) 3,3'-Dichlorobenzidine	21.93	252	206	0.028	nq	# 24
82) Chrysene	22.03	228	988	0.057	nq	# 51
83) Bis(2-ethylhexyl)phthalate	21.86	149	894	0.089	nq	# 84
84) Di-n-octyl phthalate	23.15	149	504	0.029	nq	# 1
85) Indeno(1,2,3-cd)pyrene	29.61	276	56	0.003	nq	# 55
87) Benzo(b)fluoranthene	24.42	252	68	0.004	nq	# 3
88) Benzo(k)fluoranthene	24.47	252	64	0.003	nq	# 56
89) Benzo(a)pyrene	25.38	252	59	0.003	nq	# 1
90) Dibenzo(a,h)anthracene	29.64	278	74	0.004	nq	# 58

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

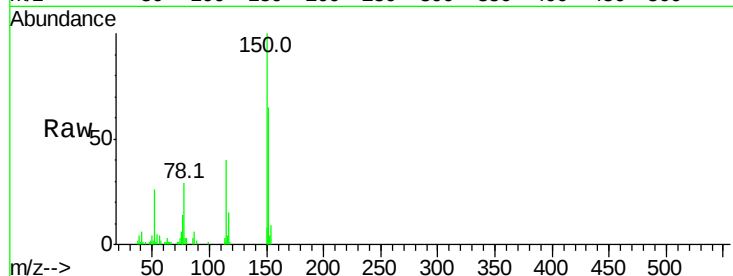
Tot Ion:152 Resp: 31841

Ion Ratio Lower Upper

152 100

150 153.9 114.0 171.0

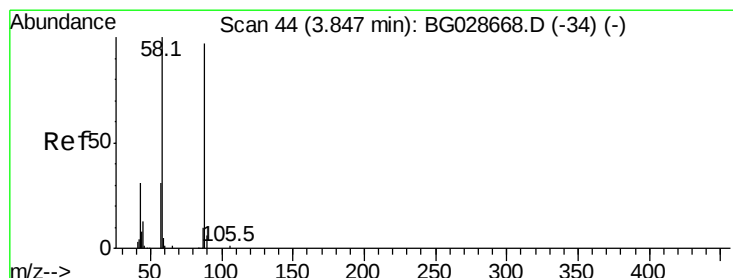
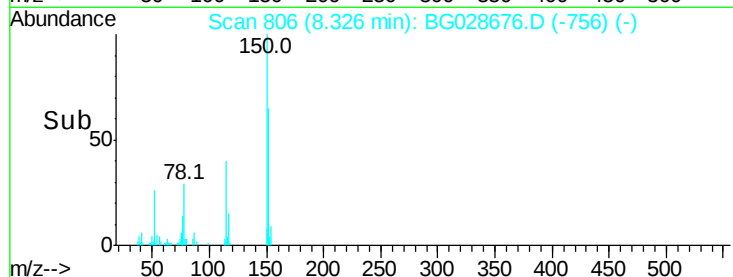
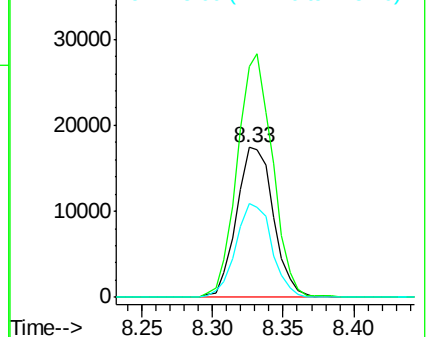
115 62.1 48.1 72.1



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: 0.090 ng

RT: 3.81 min Scan# 37

Delta R.T. -0.04 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

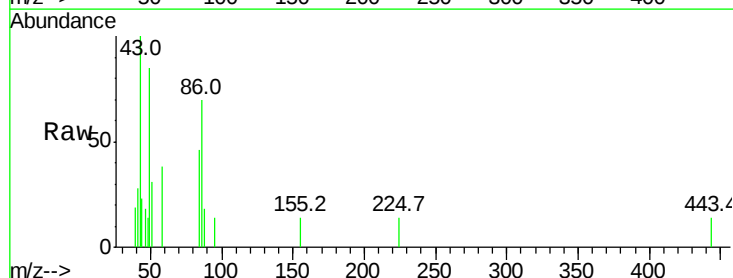
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

58 742.9 79.4 119.2#

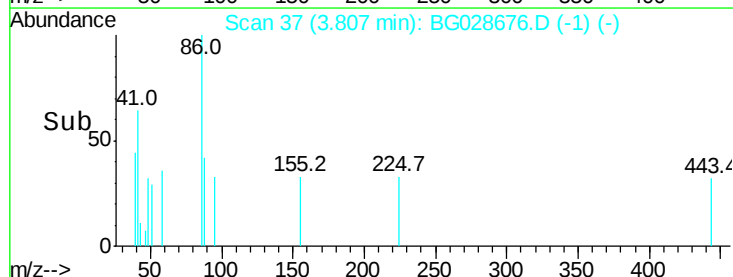
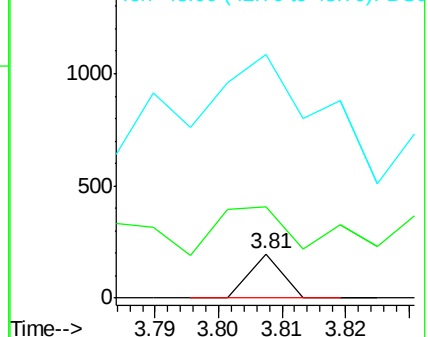
43 1790.0 33.8 50.6#

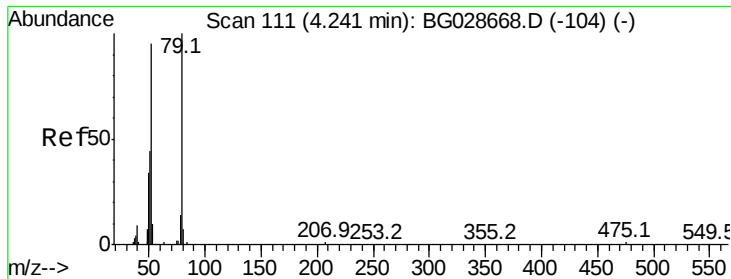


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.027 ng

RT: 4.31 min Scan# 122

Delta R.T. 0.07 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

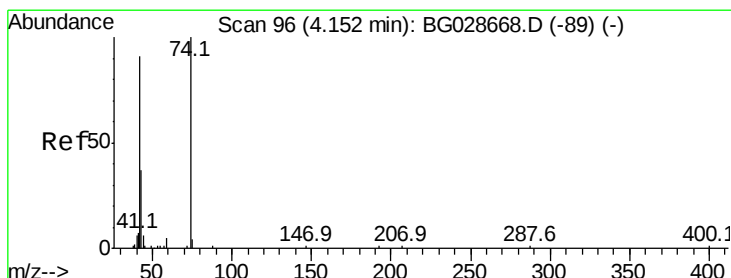
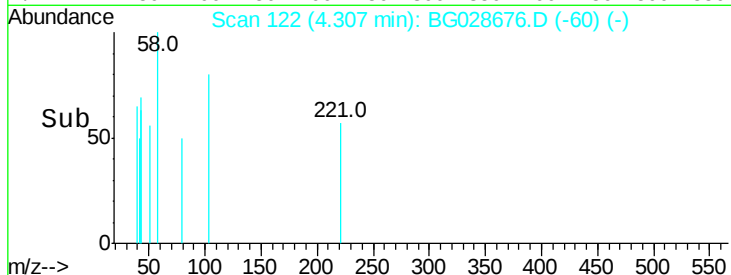
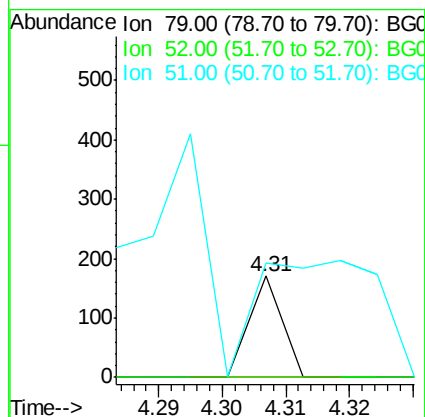
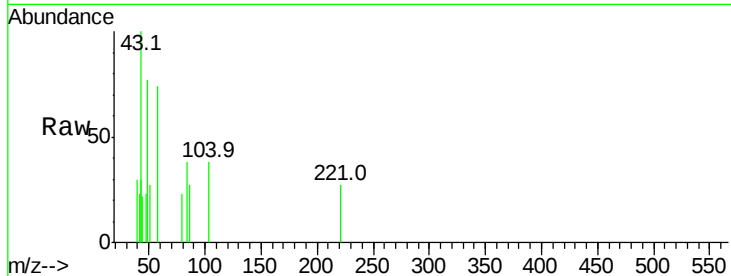
Tot Ion: 79 Resp: 60

Ion Ratio Lower Upper

79 100

52 0.0 77.8 116.6#

51 112.9 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 0.062 ng

RT: 4.17 min Scan# 99

Delta R.T. 0.02 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

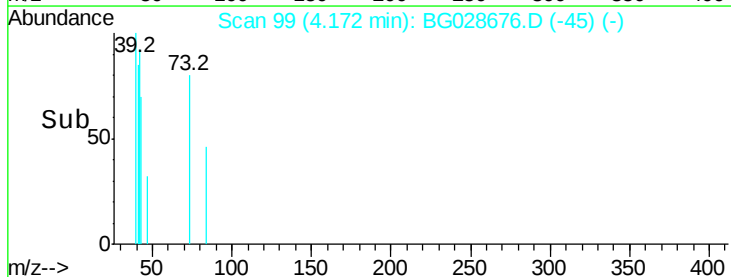
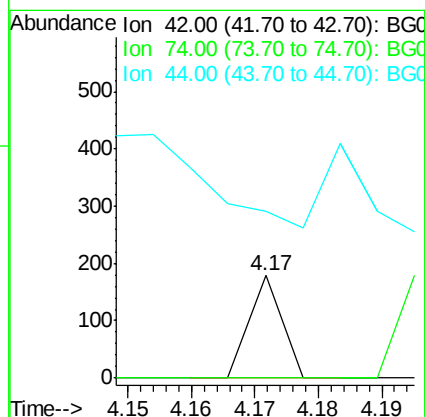
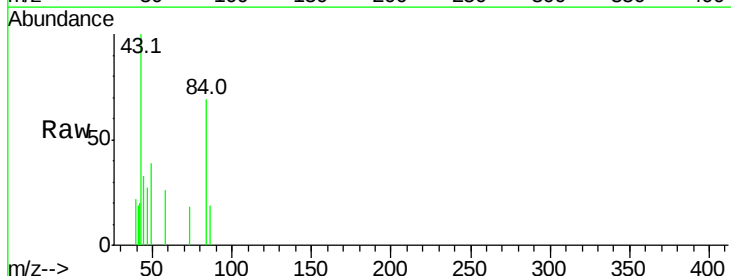
Tgt Ion: 42 Resp: 63

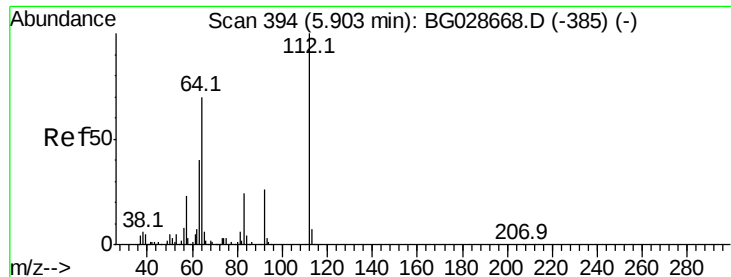
Ion Ratio Lower Upper

42 100

74 0.0 76.7 115.1#

44 162.6 6.1 9.1#





#5

2-Fluorophenol

Concen: 134.186 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

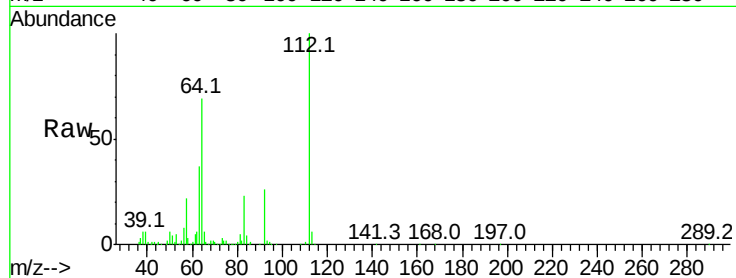
Tot Ion:112 Resp: 258939

Ion Ratio Lower Upper

112 100

64 68.9 61.8 92.6

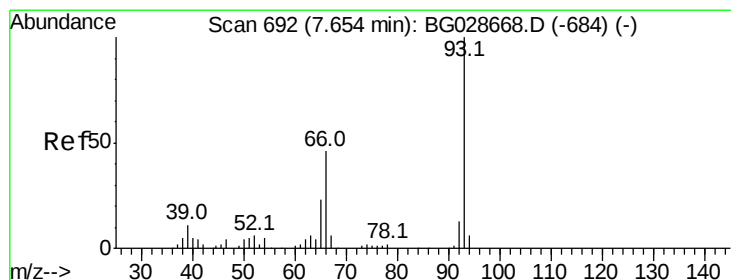
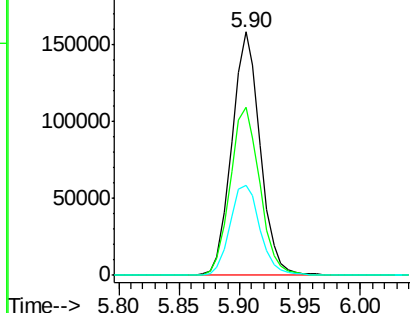
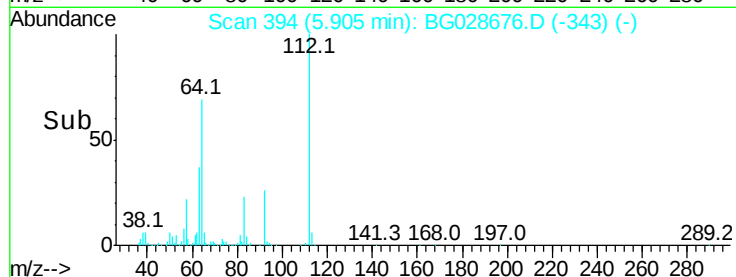
63 37.1 37.2 55.8#



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: 0.078 ng

RT: 7.87 min Scan# 729

Delta R.T. 0.22 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

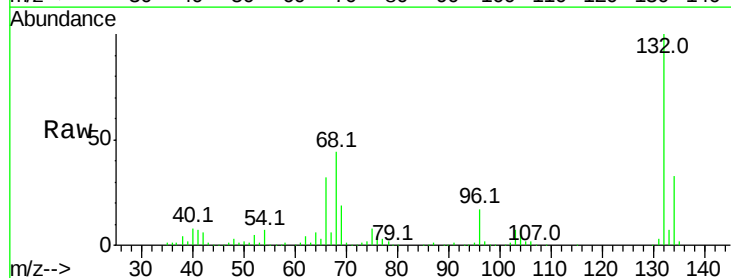
Tgt Ion: 93 Resp: 265

Ion Ratio Lower Upper

93 100

66 16587.6 35.4 53.2#

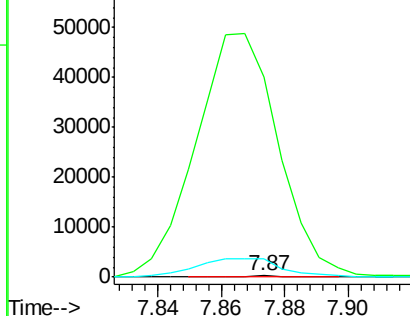
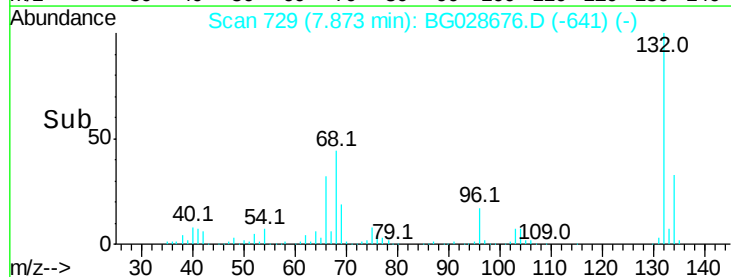
65 1475.1 21.2 31.8#

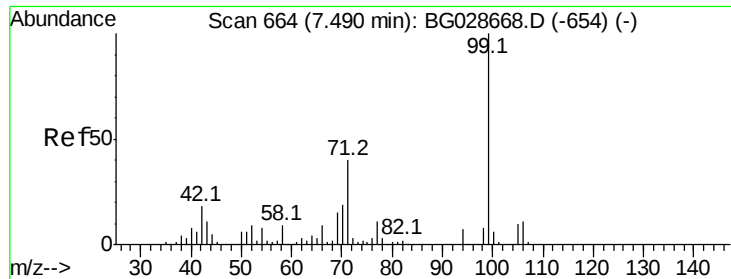


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.582 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampled :

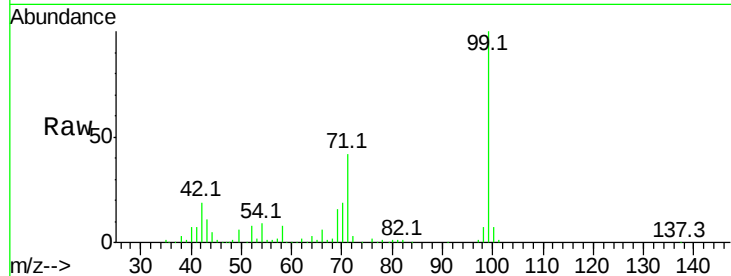
Tot Ion: 99 Resp: 341623

Ion Ratio Lower Upper

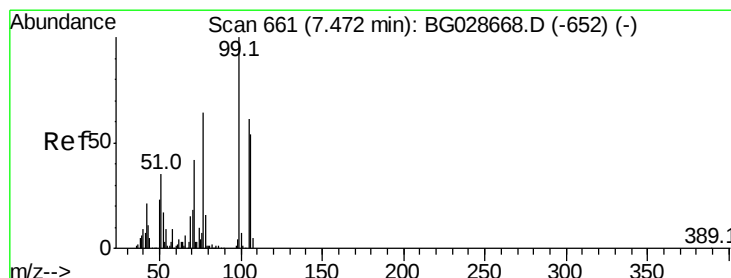
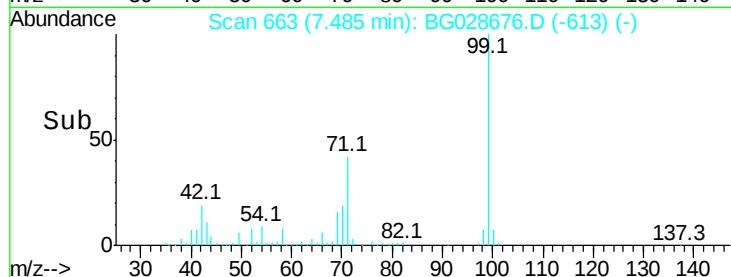
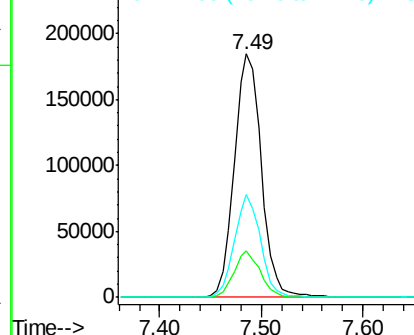
99 100

42 19.1 20.5 30.7#

71 42.3 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: 0.315 ng

RT: 7.49 min Scan# 663

Delta R.T. 0.01 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

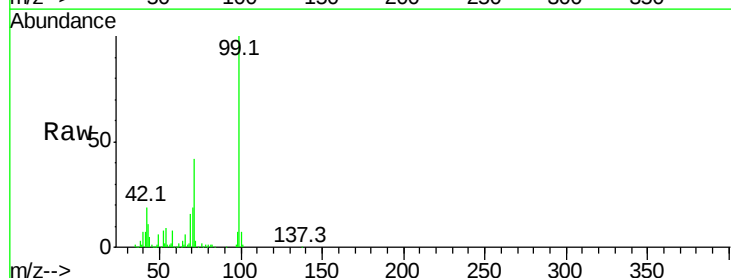
Tgt Ion: 77 Resp: 568

Ion Ratio Lower Upper

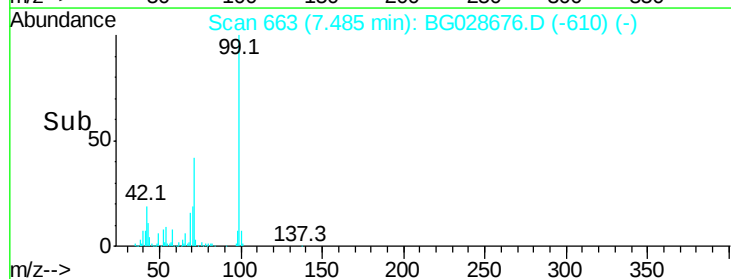
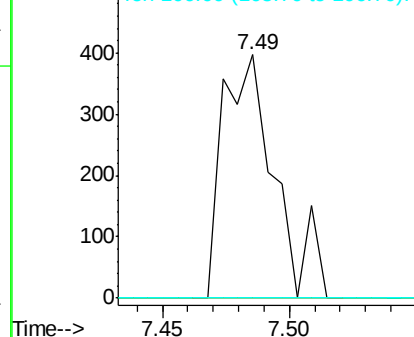
77 100

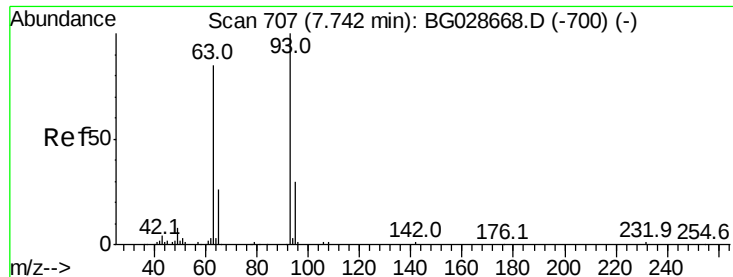
105 0.0 60.9 100.9#

106 0.0 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



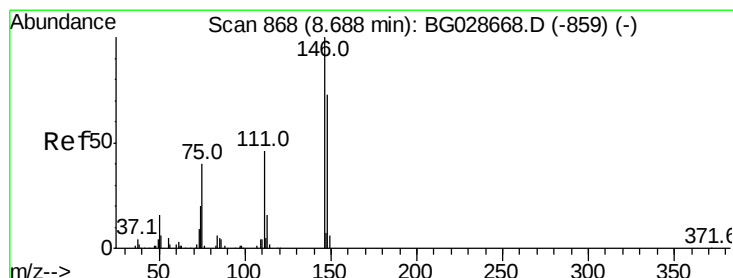
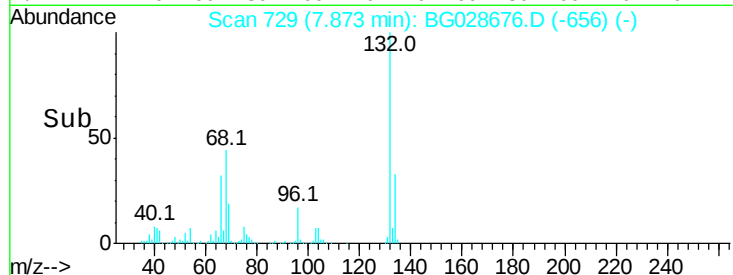
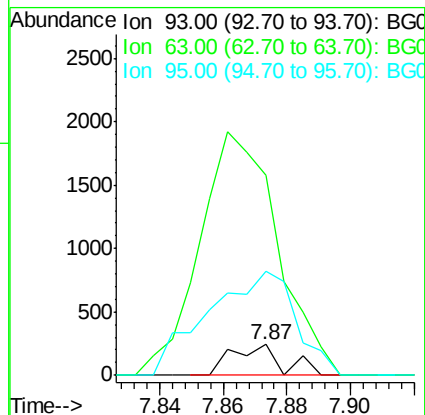
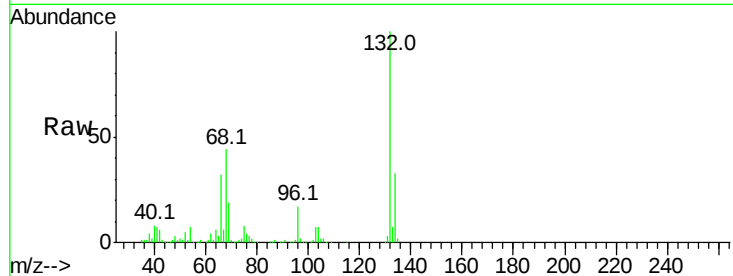


#11

bis(2-Chloroethyl)ether
 Concen: 0.120 ng
 RT: 7.87 min Scan# 729
 Delta R.T. 0.13 min
 Lab File: BG028676.D
 Acq: 12 Sep 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :

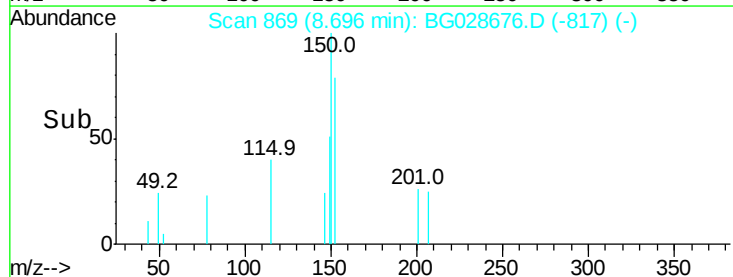
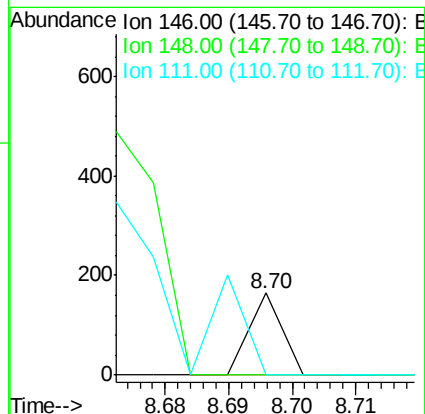
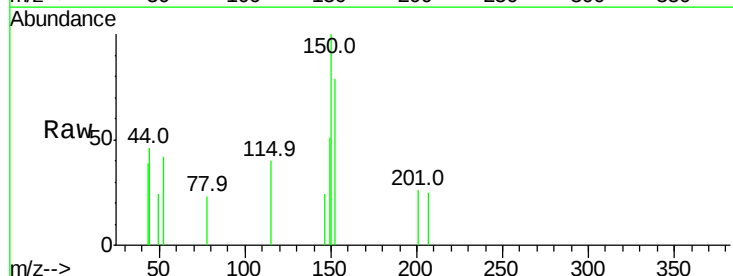
Tot Ion: 93 Resp: 265
 Ion Ratio Lower Upper
 93 100
 63 655.6 78.5 118.5#
 95 339.0 9.8 49.8#

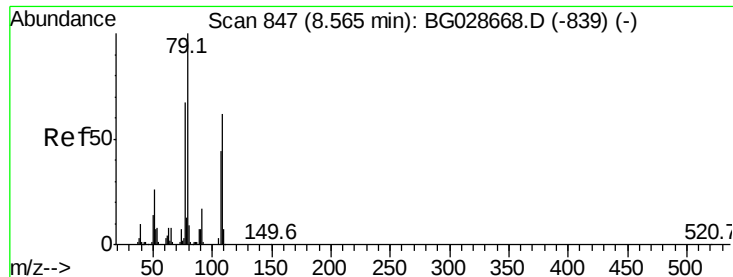


#14

1,2-Dichlorobenzene
 Concen: 0.025 ng
 RT: 8.70 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: BG028676.D
 Acq: 12 Sep 2017 19:11

Tgt Ion: 146 Resp: 58
 Ion Ratio Lower Upper
 146 100
 148 0.0 54.6 81.8#
 111 0.0 39.7 59.5#





#15

Benzyl Alcohol

Concen: 1.784 ng

RT: 8.65 min Scan# 861

Delta R.T. 0.08 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

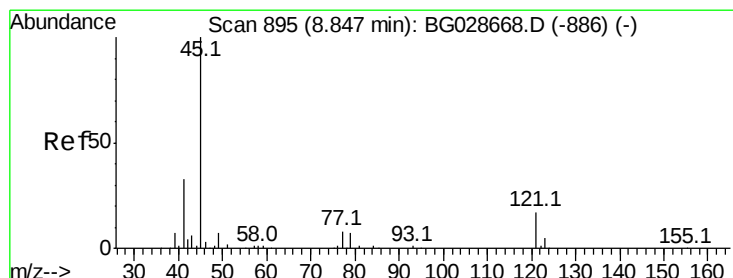
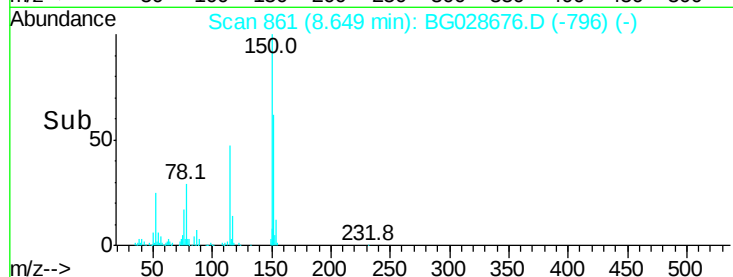
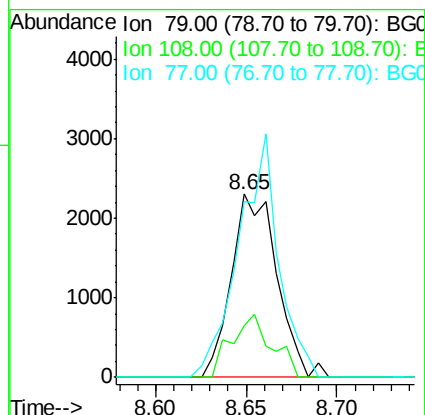
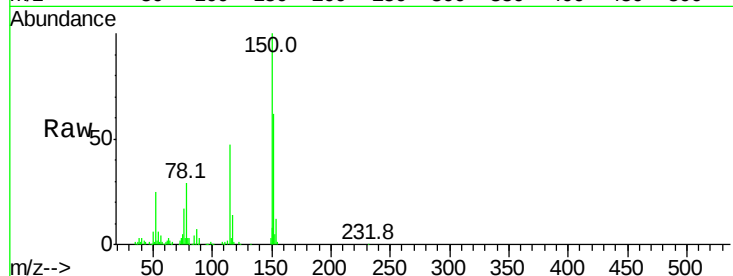
Tot Ion: 79 Resp: 4047

Ion Ratio Lower Upper

79 100

108 28.0 45.5 68.3#

77 95.9 54.3 81.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.017 ng

RT: 8.84 min Scan# 893

Delta R.T. -0.01 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

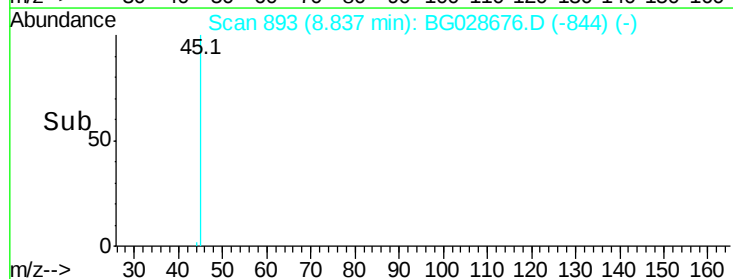
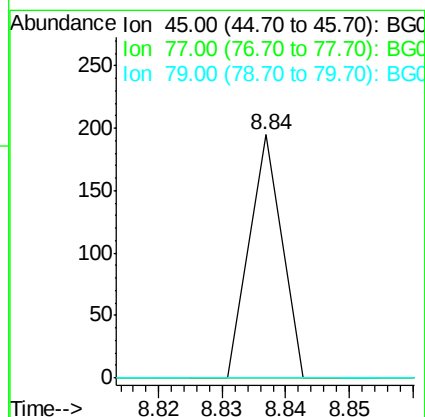
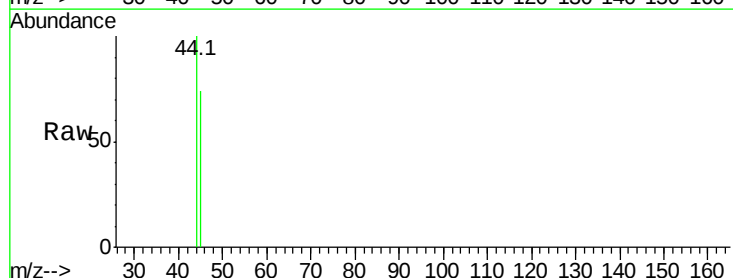
Tgt Ion: 45 Resp: 69

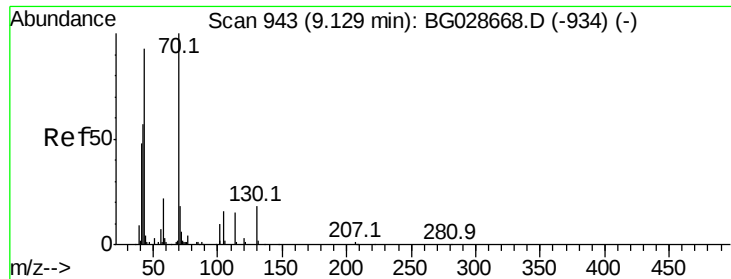
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.6

79 0.0 0.0 28.5

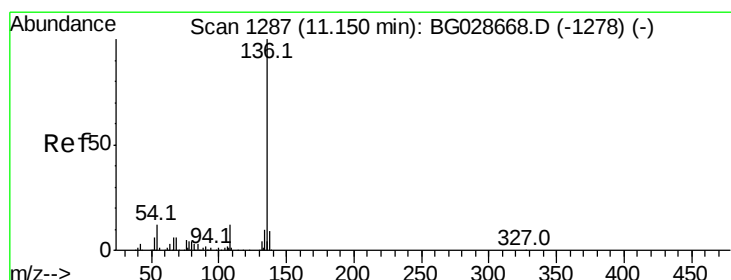
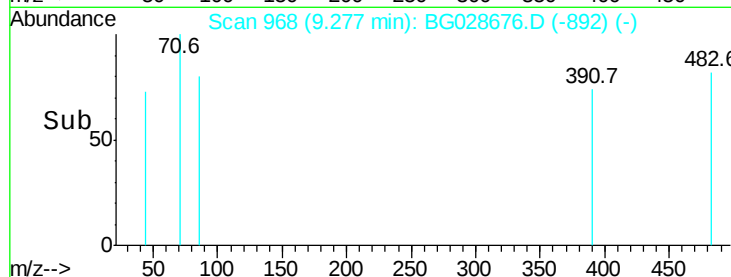
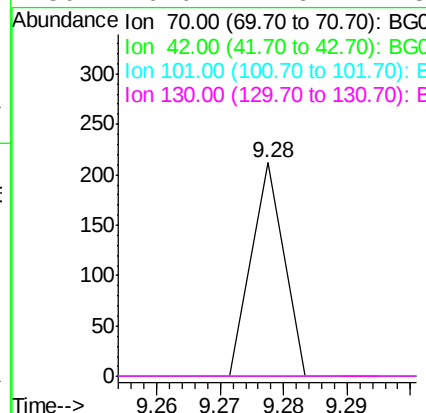
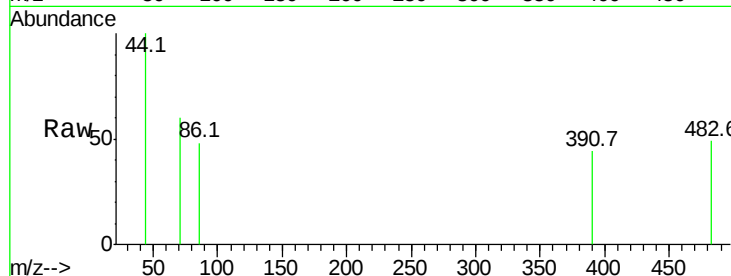




#19
n-Nitroso-di-n-propylamine
Concen: 0.036 ng
RT: 9.28 min Scan# 968
Delta R.T. 0.15 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

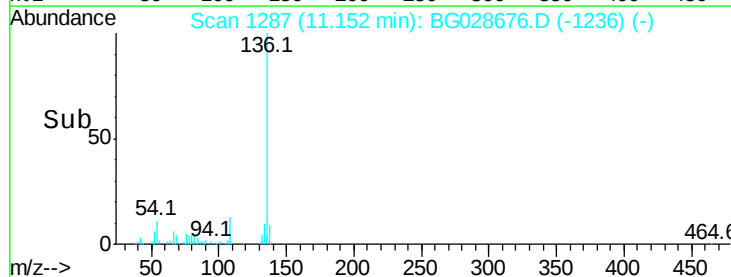
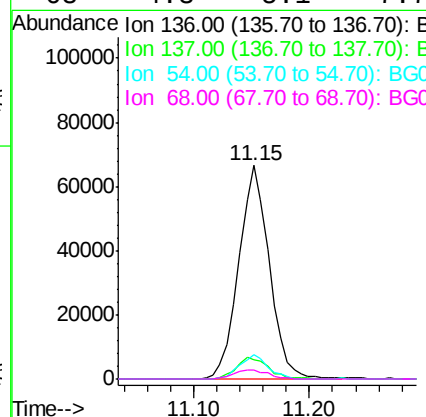
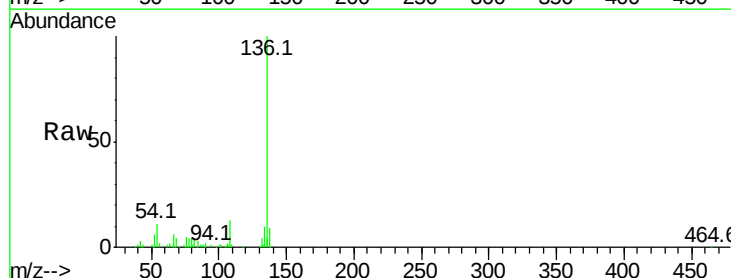
Instrument :
BNA_G
ClientSampleId :

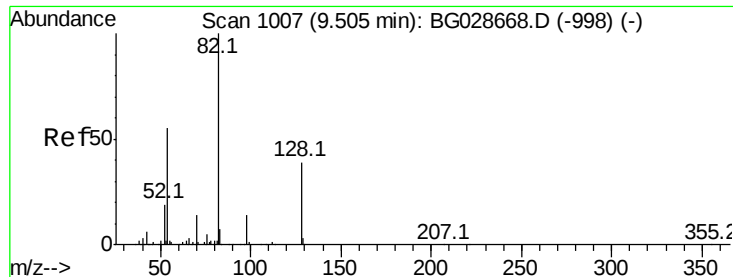
Tot Ion: 70 Resp: 75
Ion Ratio Lower Upper
70 100
42 0.0 56.1 84.1#
101 0.0 7.5 11.3#
130 0.0 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion: 136 Resp: 122131
Ion Ratio Lower Upper
136 100
137 9.3 8.9 13.3
54 11.1 9.3 13.9
68 4.3 5.1 7.7#

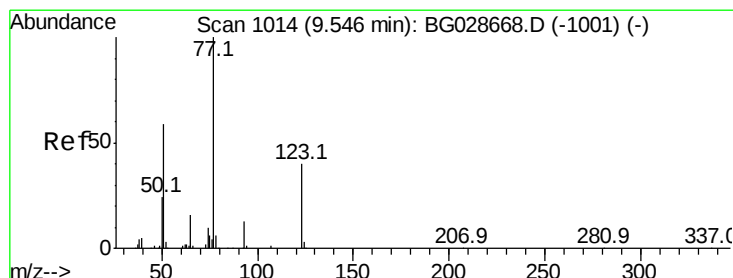
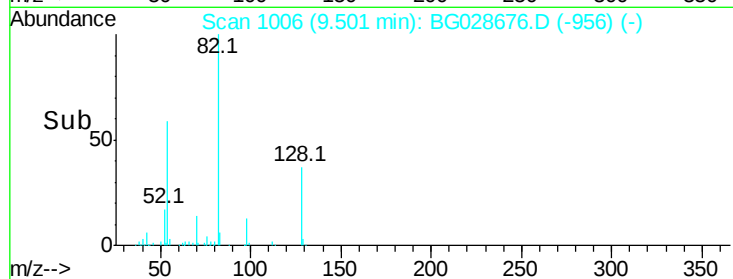
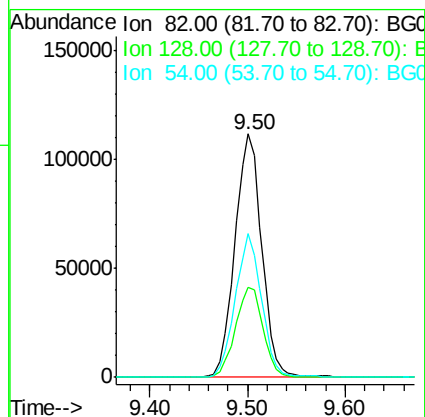
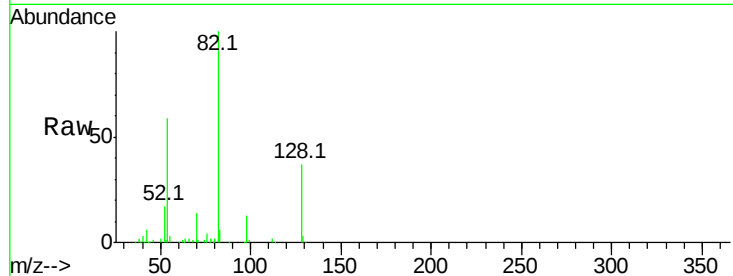




#23
Nitrobenzene-d5
Concen: 83.765 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

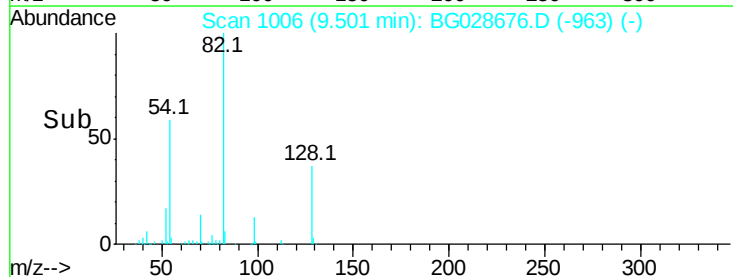
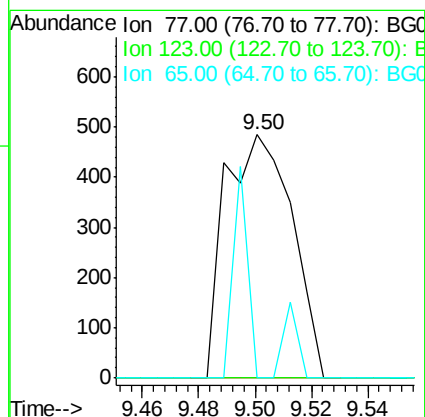
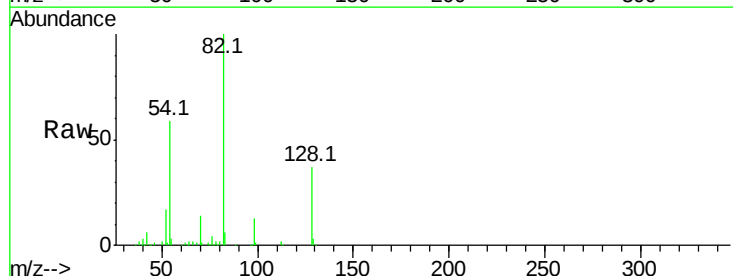
Instrument :
BNA_G
ClientSampled :

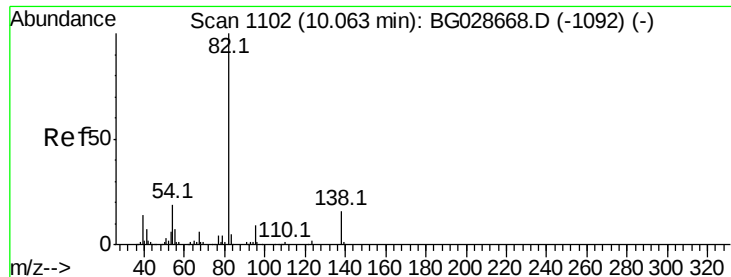
Tot Ion	82	Resp	213855
Ion Ratio	100	Lower	Upper
128	36.8	26.4	39.6
54	58.8	49.4	74.2



#24
Nitrobenzene
Concen: 0.282 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.05 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion	77	Resp	797
Ion Ratio	100	Lower	Upper
123	0.0	26.1	39.1#
65	0.0	12.4	18.6#





#25

Isophorone

Concen: 0.014 ng

RT: 9.97 min Scan# 1086

Delta R.T. -0.09 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampled :

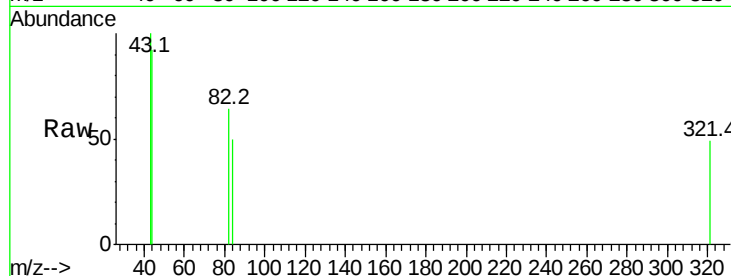
Tot Ion: 82 Resp: 73

Ion Ratio Lower Upper

82 100

95 0.0 7.5 11.3#

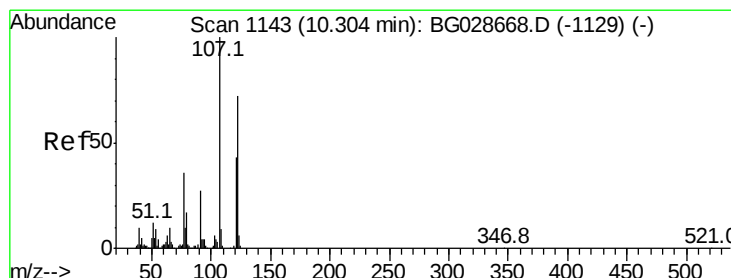
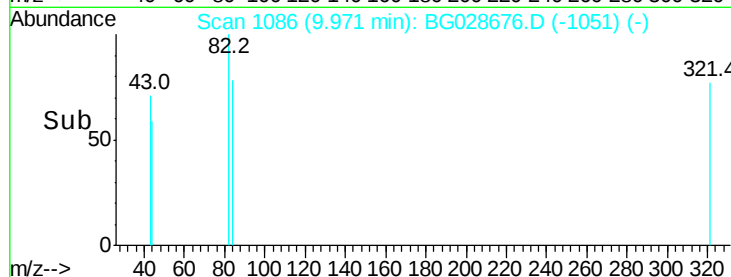
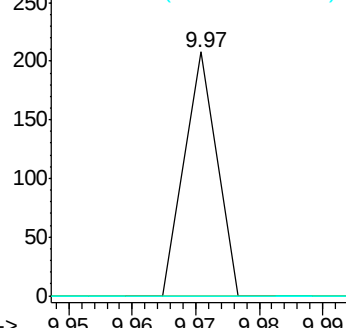
138 0.0 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#27

2,4-Dimethylphenol

Concen: 0.028 ng

RT: 10.22 min Scan# 1129

Delta R.T. -0.08 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

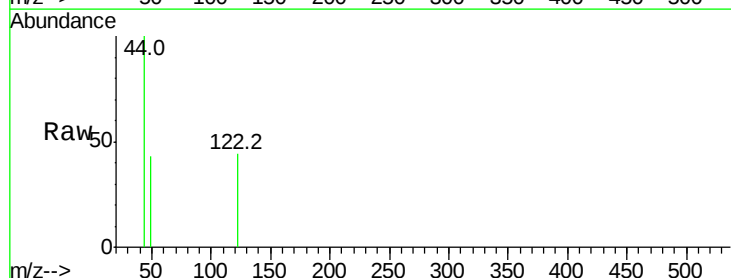
Tgt Ion: 122 Resp: 61

Ion Ratio Lower Upper

122 100

107 0.0 104.2 156.4#

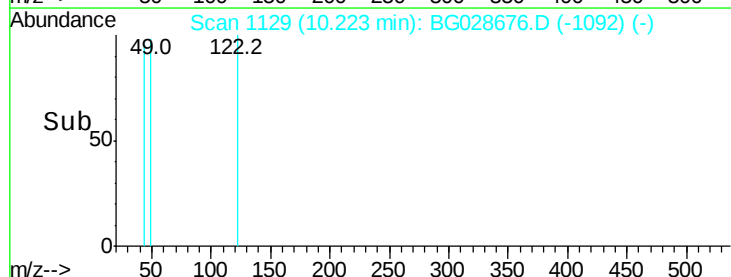
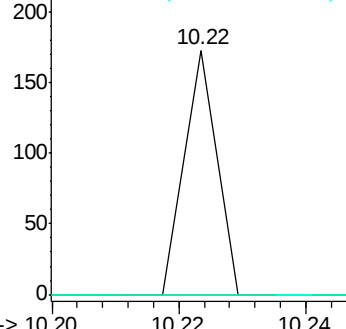
121 0.0 46.0 69.0#

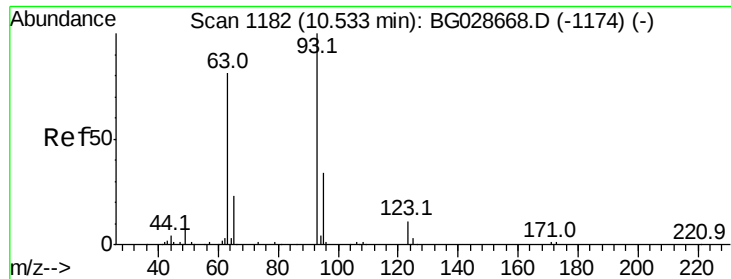


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 107.00 (106.70 to 107.70): BGC

Ion 121.00 (120.70 to 121.70): BGC

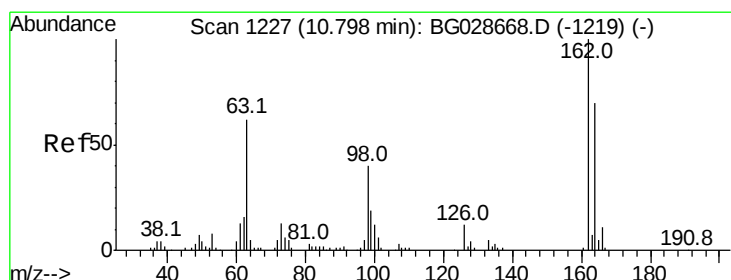
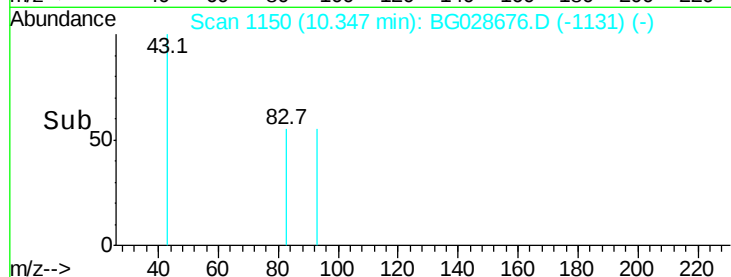
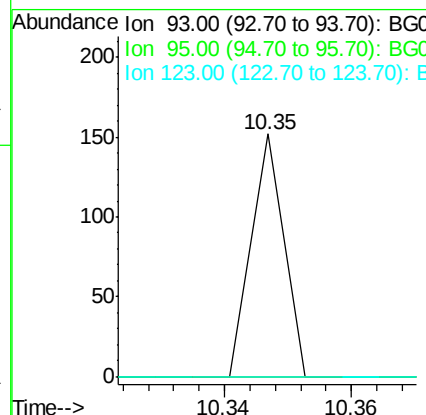
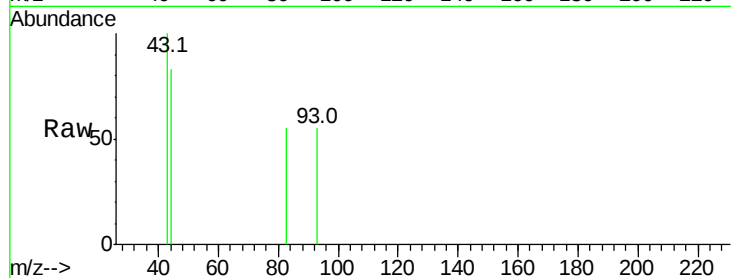




#28
bis(2-Chloroethoxy)methane
Concen: 0.019 ng
RT: 10.35 min Scan# 1150
Delta R.T. -0.19 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

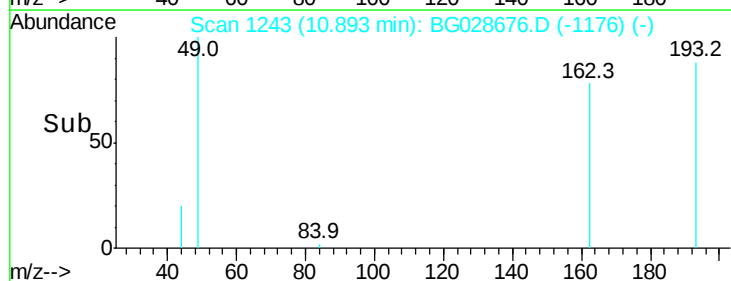
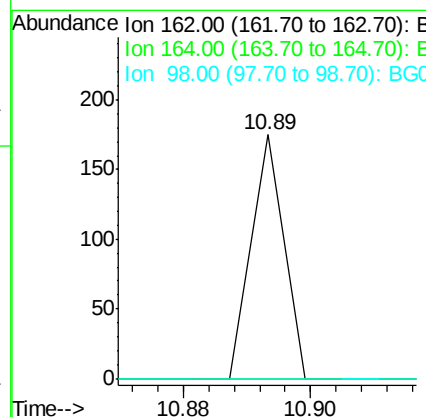
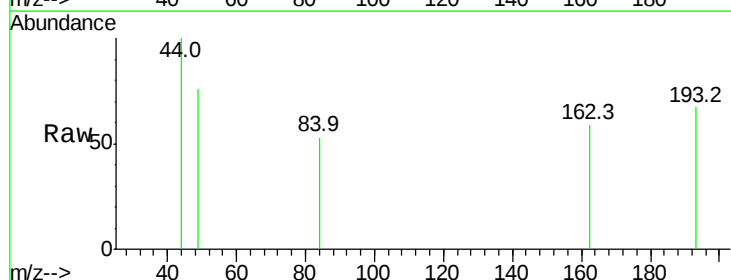
Instrument :
BNA_G
ClientSampleId :

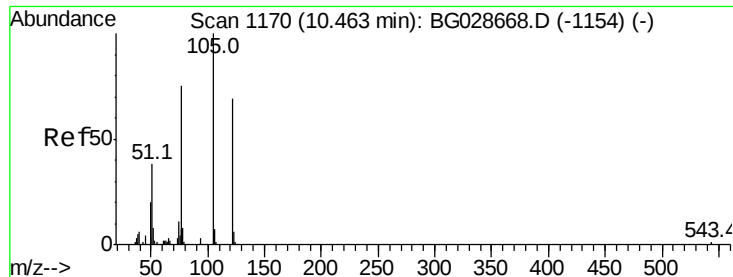
Tot Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
95 0.0 25.7 38.5#
123 0.0 8.3 12.5#



#29
2,4-Dichlorophenol
Concen: 0.028 ng
RT: 10.89 min Scan# 1243
Delta R.T. 0.10 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion: 162 Resp: 62
Ion Ratio Lower Upper
162 100
164 0.0 42.4 82.4#
98 0.0 20.3 60.3#





#32

Benzoic acid

Concen: 6.121 ng

RT: 10.39 min Scan# 1157

Delta R.T. -0.07 min

Lab File: BG028676.D

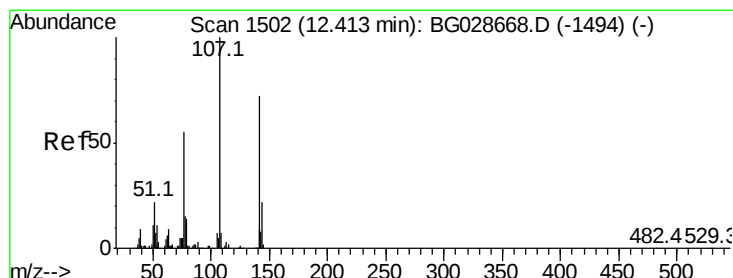
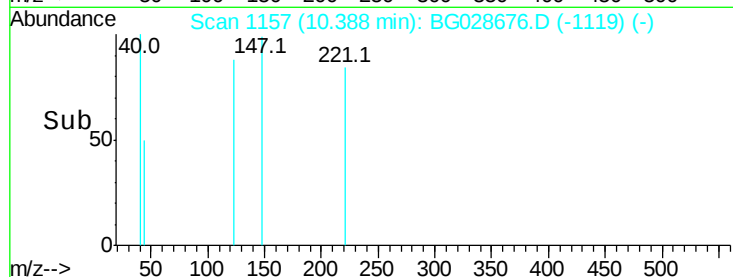
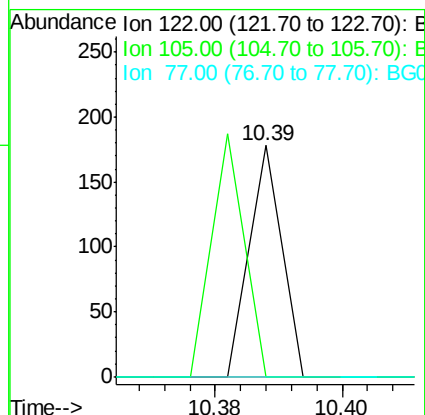
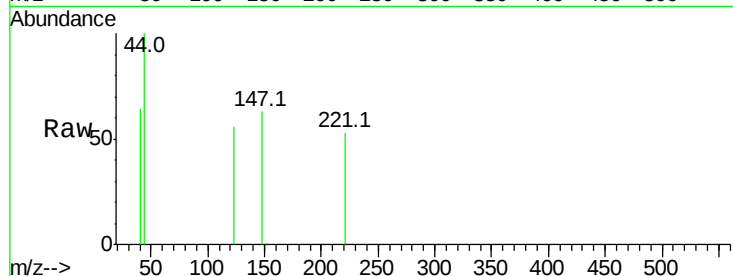
Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



#36

4-Chloro-3-methylphenol

Concen: 0.020 ng

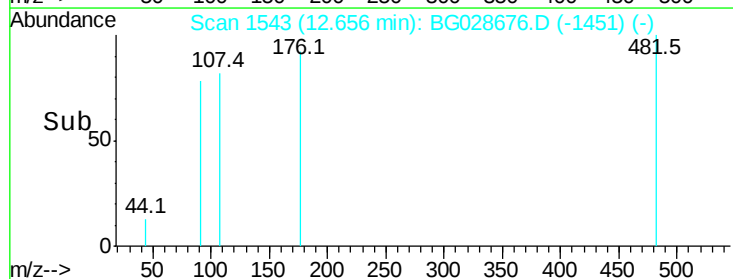
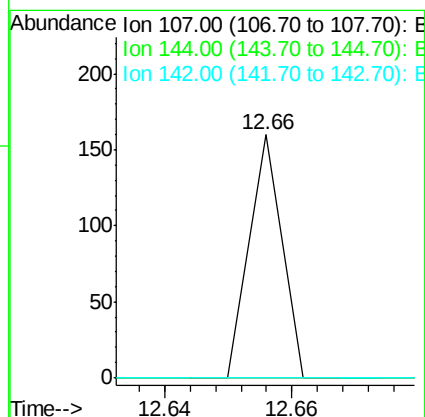
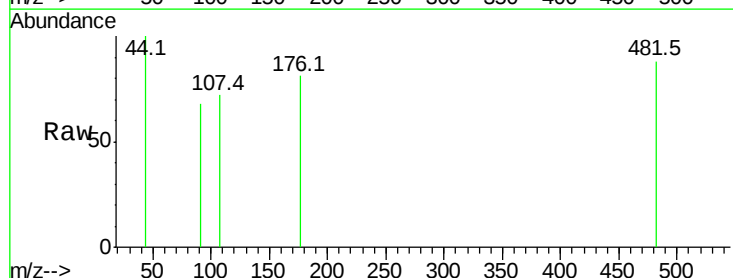
RT: 12.66 min Scan# 1543

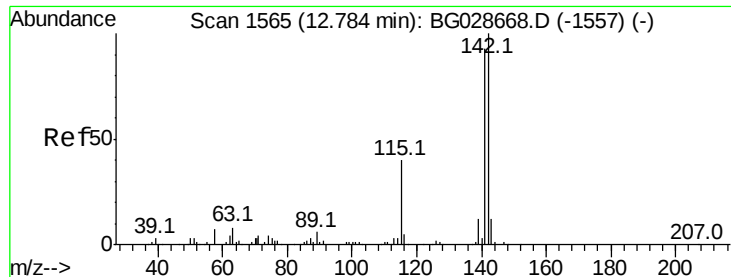
Delta R.T. 0.24 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	17.4	26.0#
142	0.0	54.1	81.1#

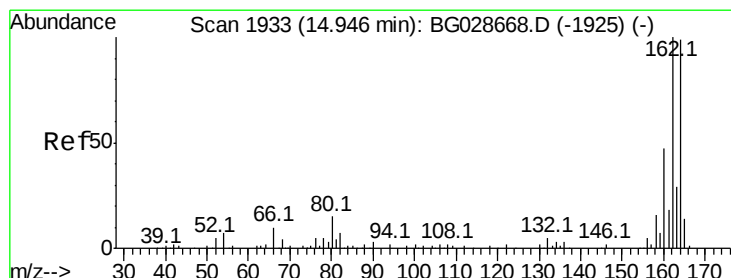
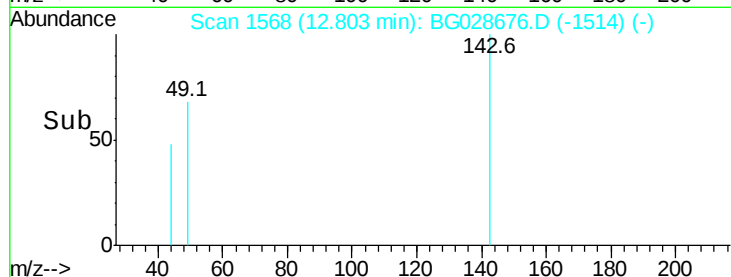
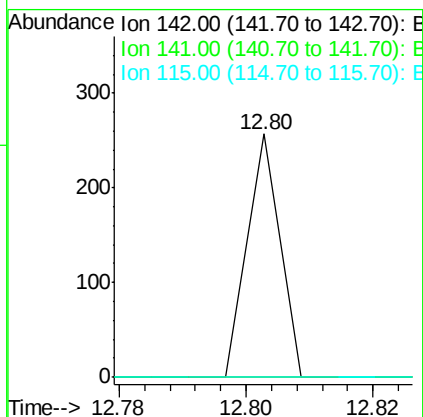
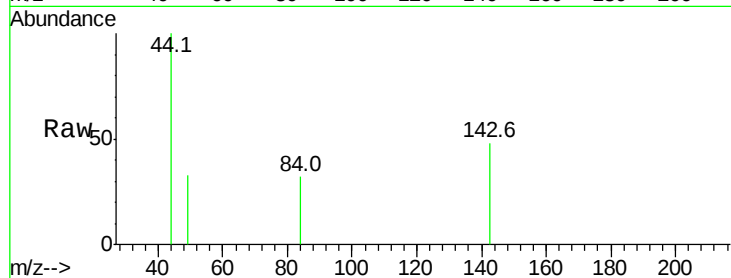




#37
2-Methylnaphthalene
Concen: 0.019 ng
RT: 12.80 min Scan# 1568
Delta R.T. 0.02 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

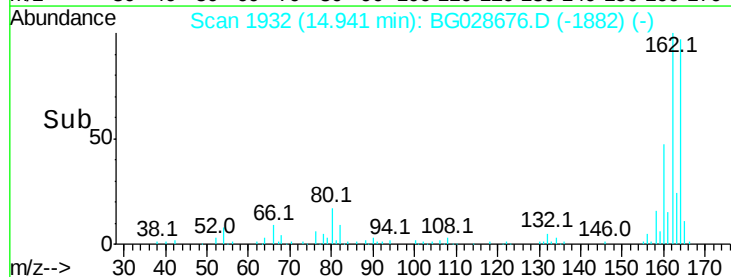
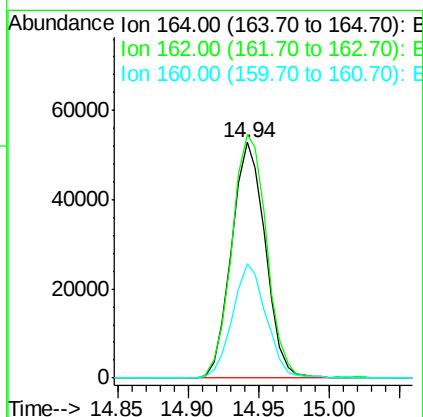
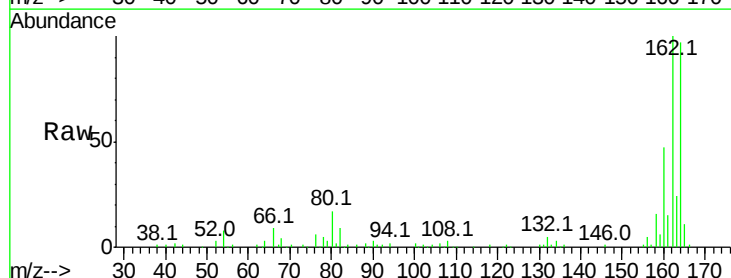
Instrument :
BNA_G
ClientSampleId :

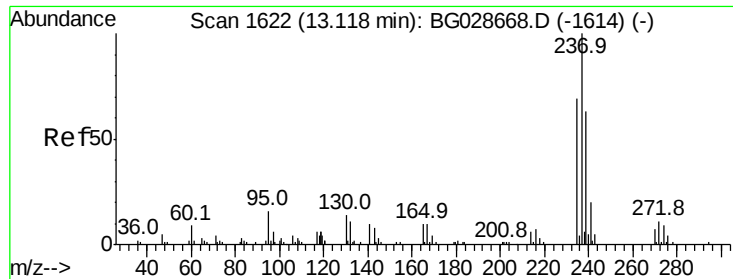
Tot Ion:142 Resp: 91
Ion Ratio Lower Upper
142 100
141 0.0 70.4 105.6#
115 0.0 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion:164 Resp: 88118
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 48.6 34.7 52.1

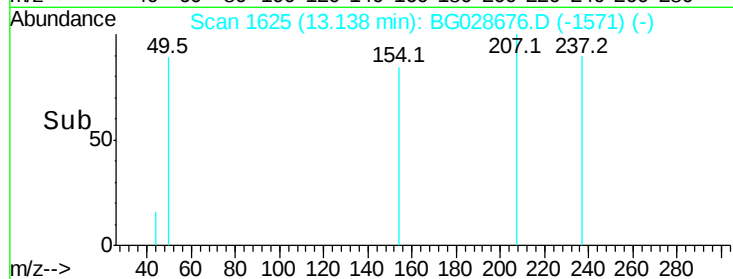
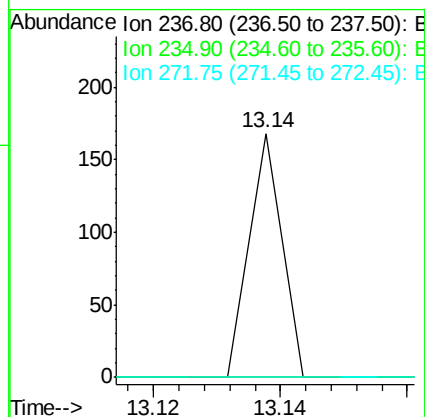
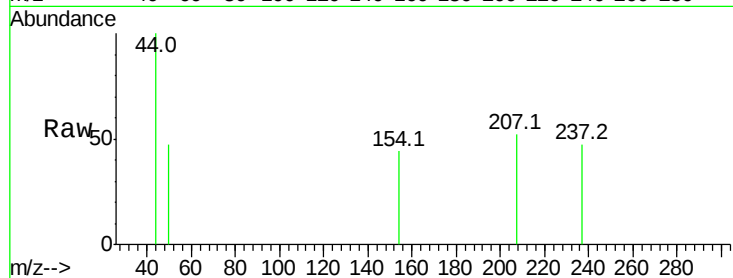




#40
Hexachlorocyclopentadiene
Concen: 7.641 ng
RT: 13.14 min Scan# 1625
Delta R.T. 0.02 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

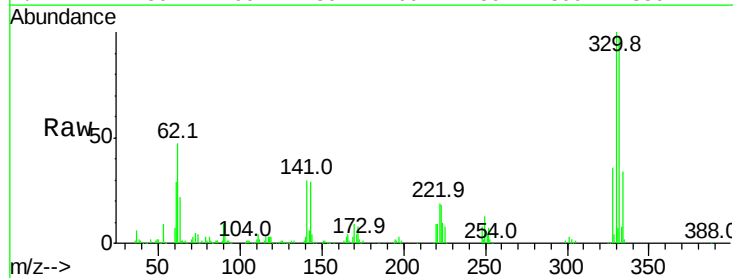
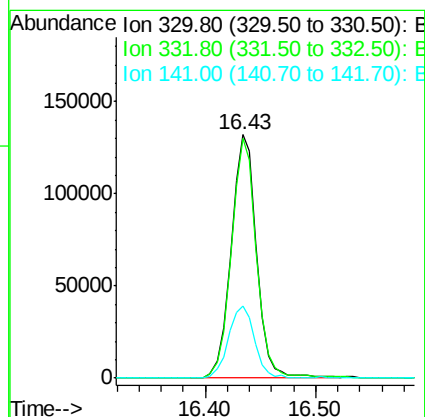
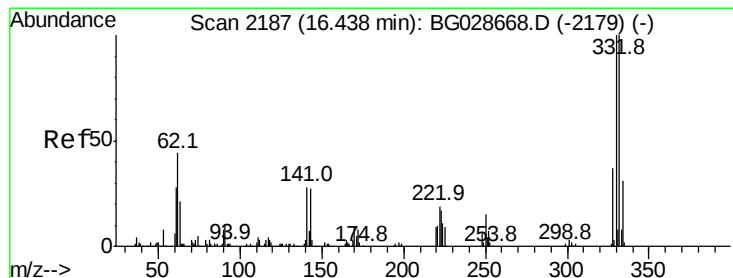
Instrument :
BNA_G
ClientSampleId :

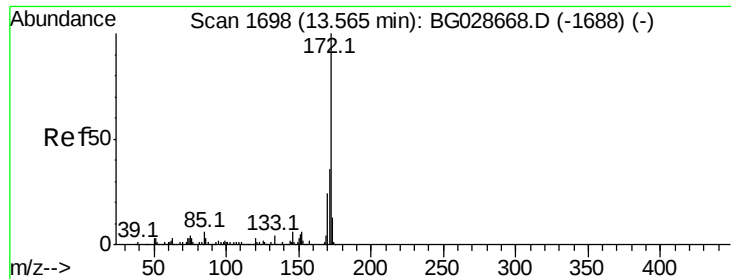
Tot Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#41
2,4,6-Tribromophenol
Concen: 145.517 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion:330 Resp: 212079
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.5 32.1 48.1#

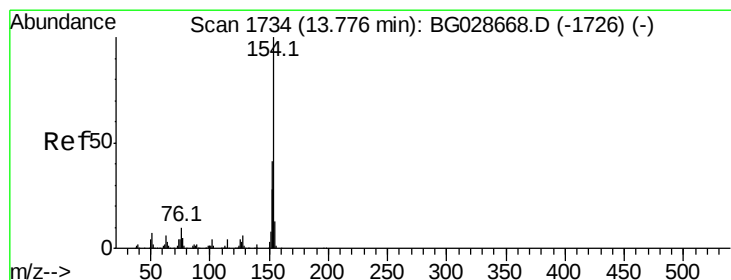
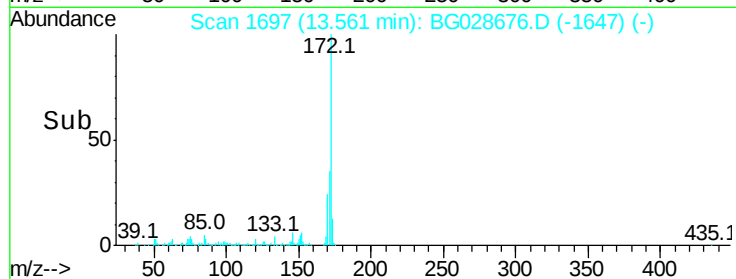
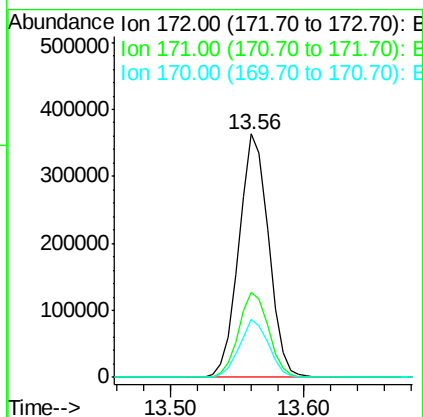
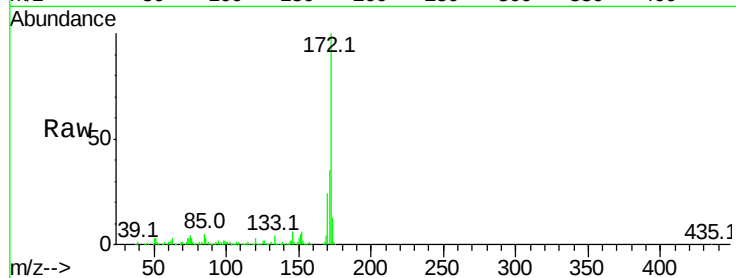




#44
2-Fluorobiphenyl
Concen: 84.573 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

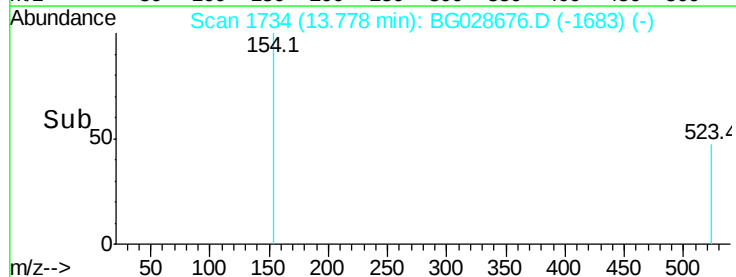
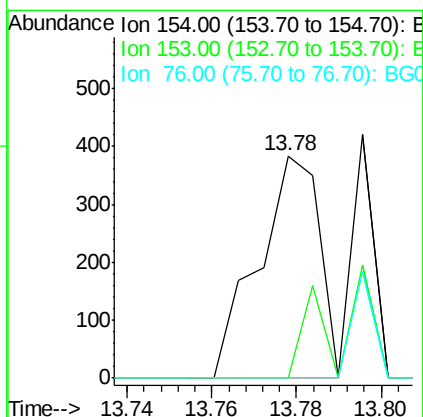
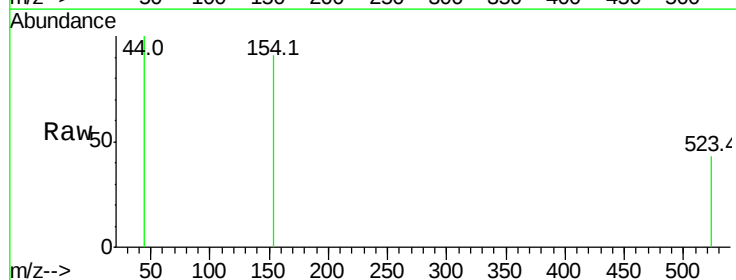
Instrument :
BNA_G
ClientSampleId :

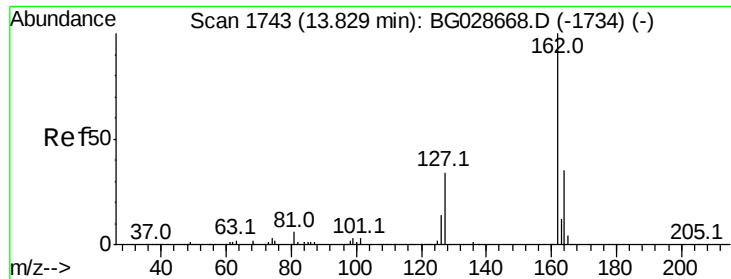
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	32.2	48.2
170	23.7	21.8	32.6



#45
1,1'-Biphenyl
Concen: 0.053 ng
RT: 13.78 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	23.0	63.0#
76	0.0	0.0	33.5

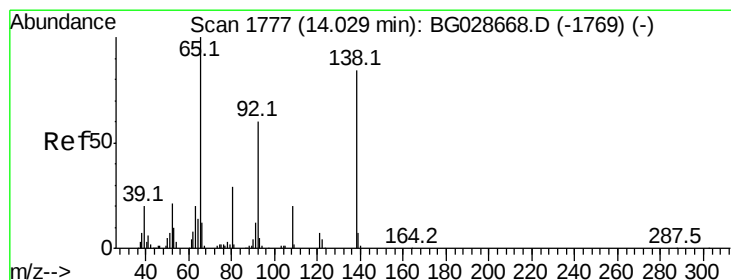
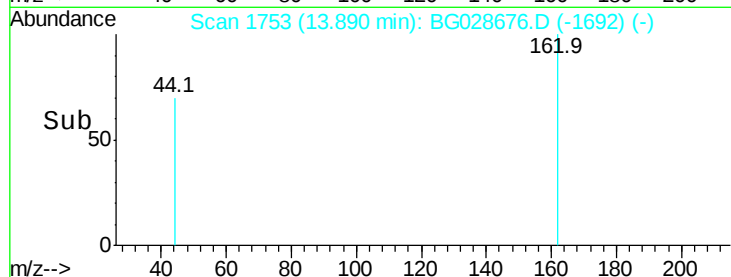
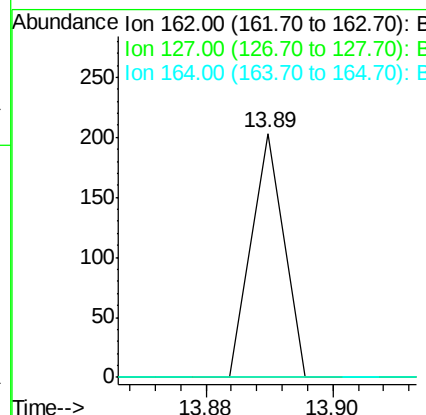
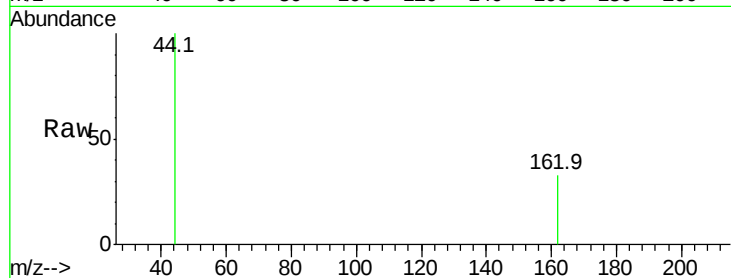




#46
2-Chloronaphthalene
Concen: 0.014 ng
RT: 13.89 min Scan# 1753
Delta R.T. 0.06 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

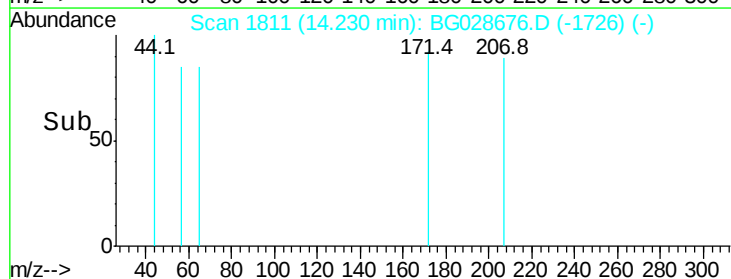
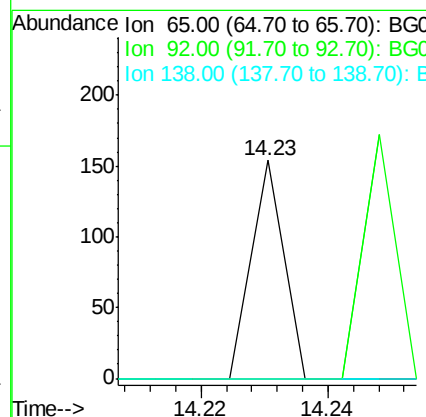
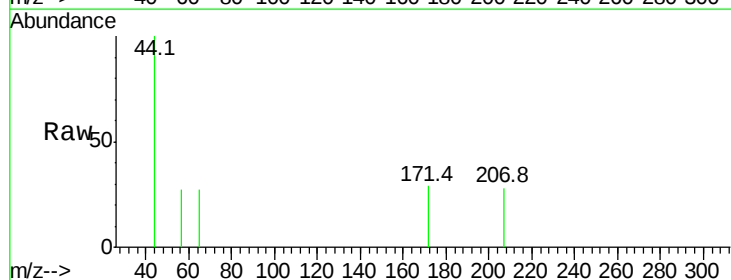
Instrument :
BNA_G
ClientSampled :

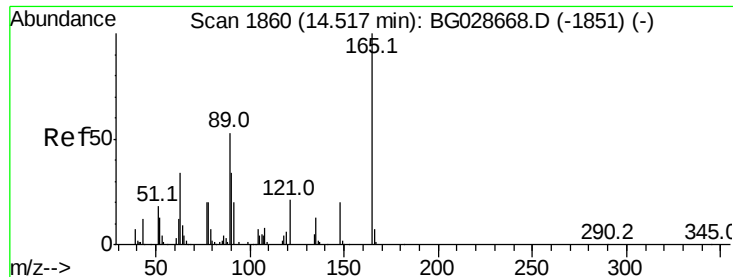
Tot Ion:162 Resp: 72
Ion Ratio Lower Upper
162 100
127 0.0 32.2 48.4#
164 0.0 27.3 40.9#



#47
2-Nitroaniline
Concen: 0.027 ng
RT: 14.23 min Scan# 1811
Delta R.T. 0.20 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 49.0 73.4#
138 0.0 58.6 87.8#

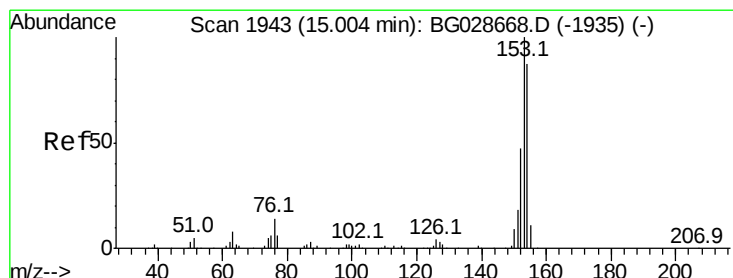
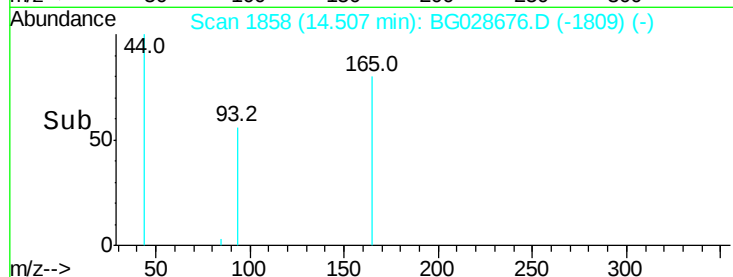
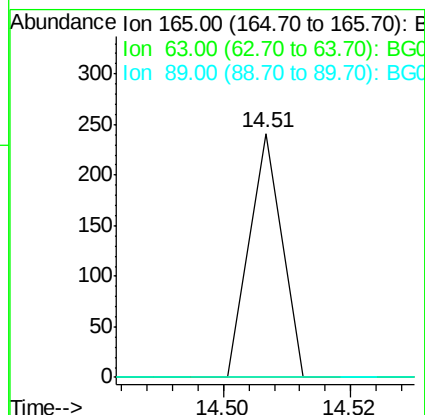
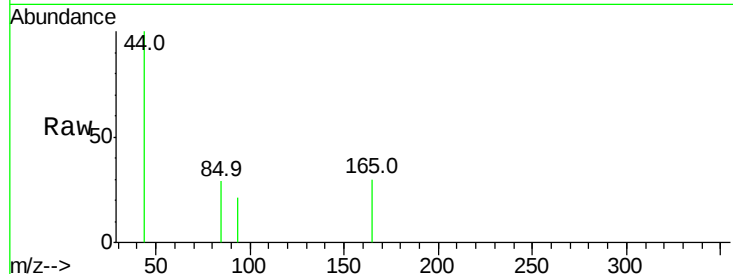




#50
2,6-Dinitrotoluene
Concen: 0.052 ng
RT: 14.51 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

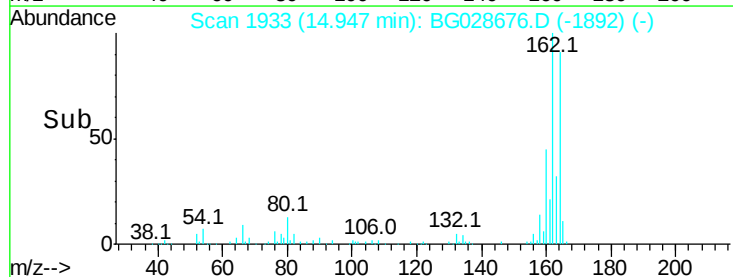
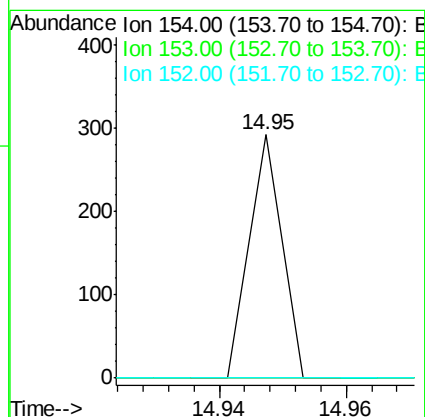
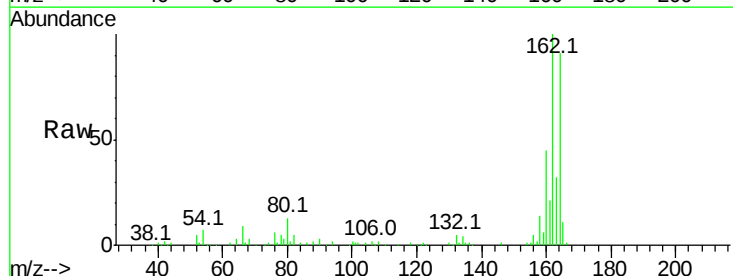
Instrument :
BNA_G
ClientSampleId :

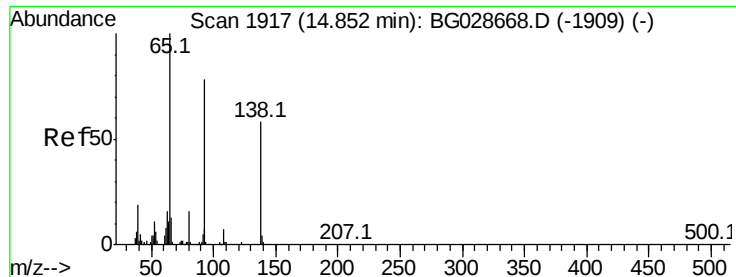
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	0.0	58.6	88.0#



#51
Acenaphthene
Concen: 0.020 ng
RT: 14.95 min Scan# 1933
Delta R.T. -0.06 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.6#
152	0.0	42.2	63.4#





#52

3-Nitroaniline

Concen: 0.042 ng

RT: 14.68 min Scan# 1887

Delta R.T. -0.17 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

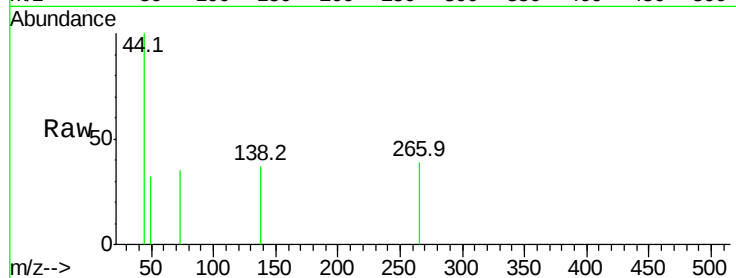
Instrument :

BNA_G

ClientSampleId :

Tot Ion:138 Resp: 61

Ion	Ratio	Lower	Upper
138	100		
108	0.0	10.9	16.3#
92	0.0	115.3	172.9#

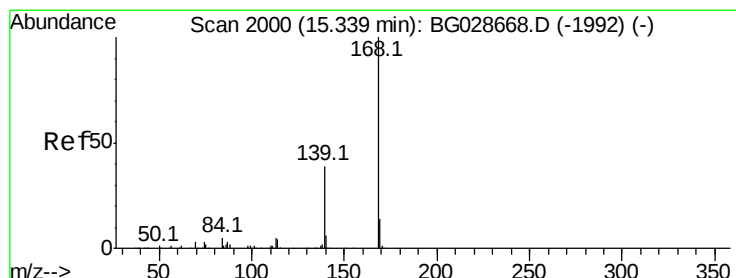
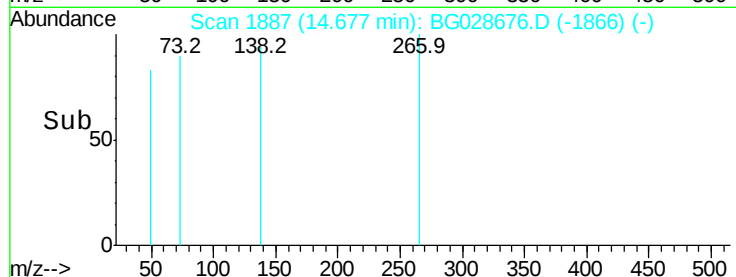
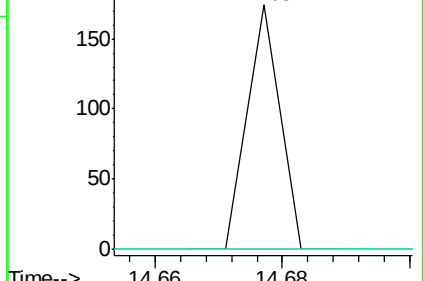


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B

14.68



#54

Dibenzofuran

Concen: 0.007 ng

RT: 15.38 min Scan# 2007

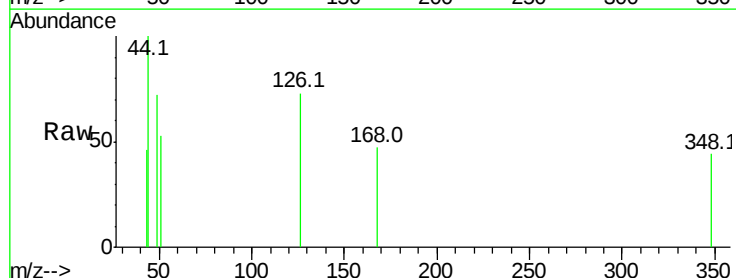
Delta R.T. 0.04 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Tgt Ion:168 Resp: 60

Ion	Ratio	Lower	Upper
168	100		
139	0.0	35.3	52.9#
169	0.0	11.5	17.3#

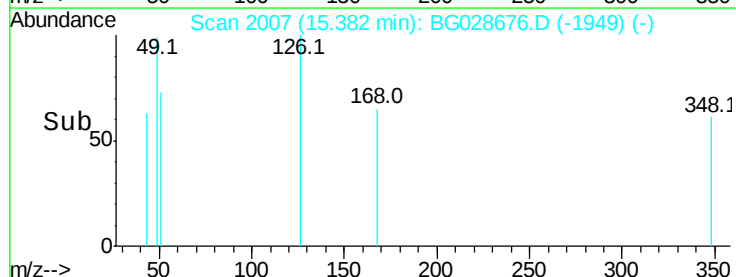
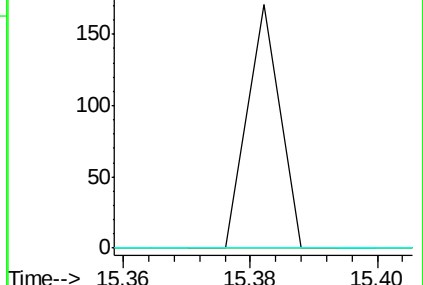


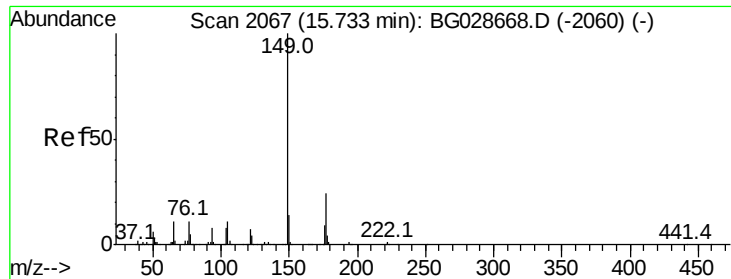
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.38





#59

Diethylphthalate

Concen: 0.011 ng

RT: 15.74 min Scan# 2068

Delta R.T. 0.01 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampled :

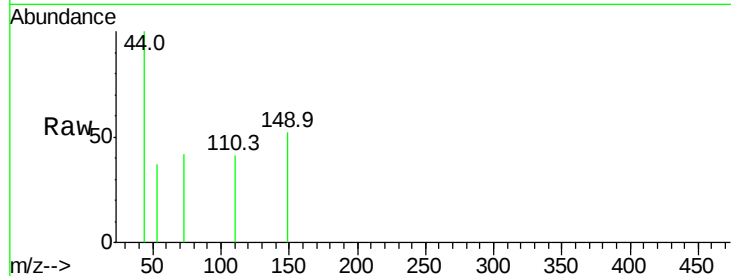
Tot Ion:149 Resp: 80

Ion Ratio Lower Upper

149 100

177 0.0 20.1 30.1#

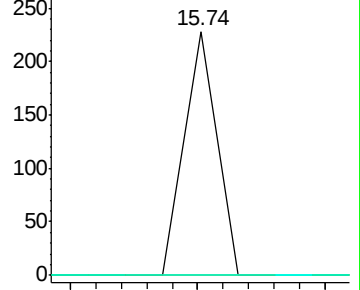
150 0.0 10.2 15.2#



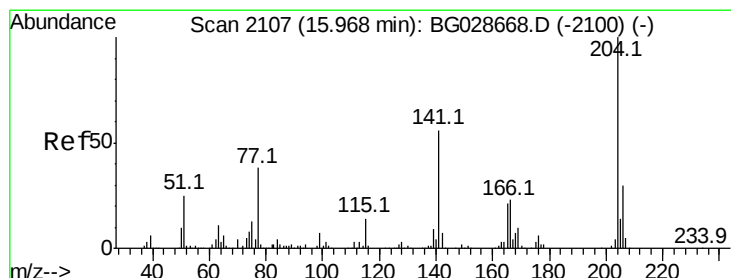
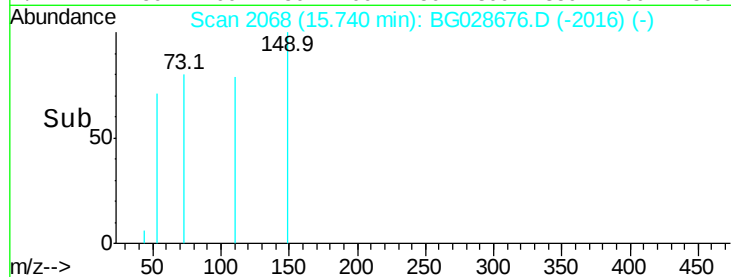
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time--> 15.72 15.74



#60

4-Chlorophenyl-phenylether

Concen: 0.013 ng

RT: 15.99 min Scan# 2110

Delta R.T. 0.02 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

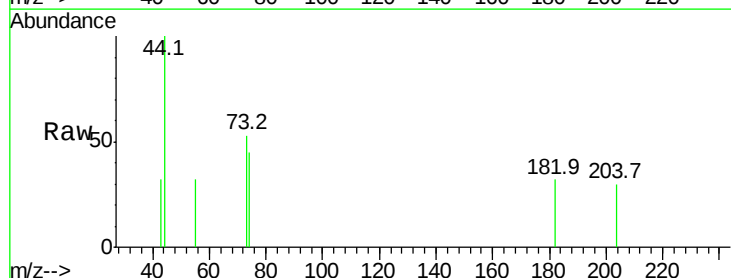
Tgt Ion:204 Resp: 53

Ion Ratio Lower Upper

204 100

206 0.0 30.1 45.1#

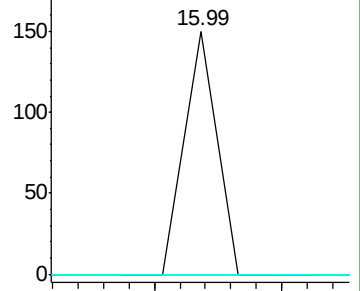
141 0.0 50.6 76.0#



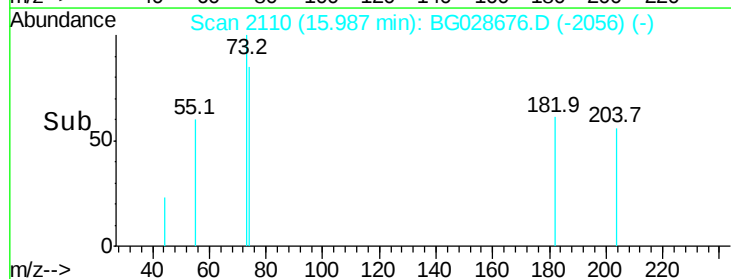
Abundance Ion 204.00 (203.70 to 204.70): E

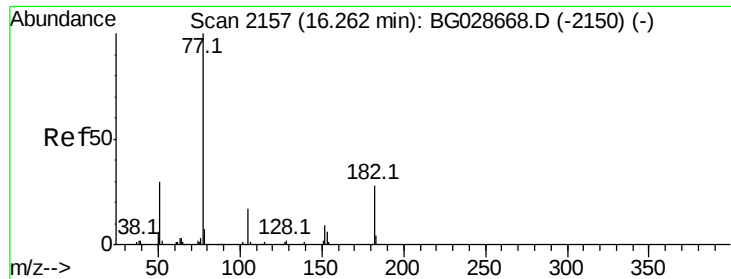
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.98 16.00





#62

Azobenzene

Concen: 0.160 ng

RT: 16.43 min Scan# 2186

Delta R.T. 0.17 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1023

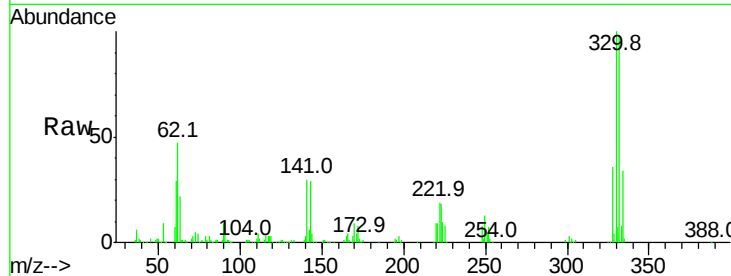
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 105.3 0.0 36.3#

51 40.3 16.4 56.4

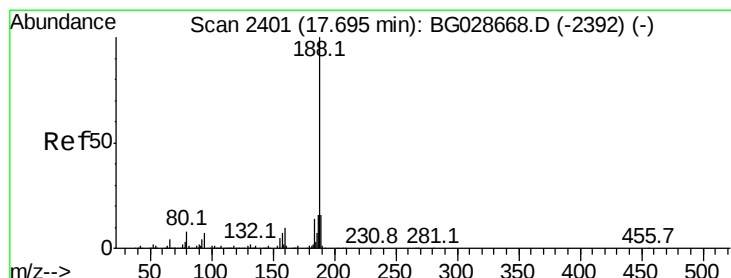
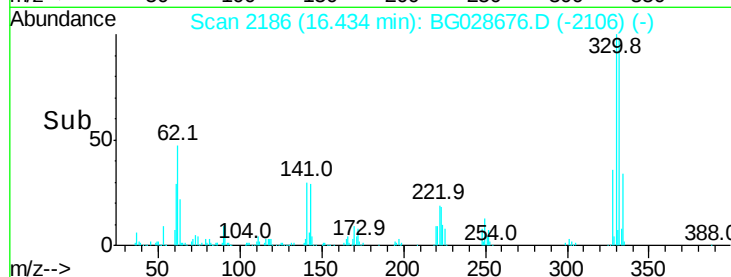
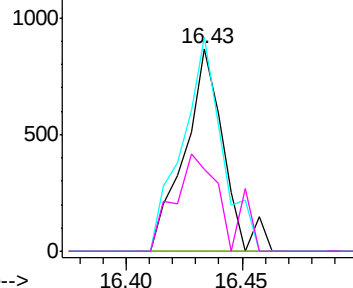


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

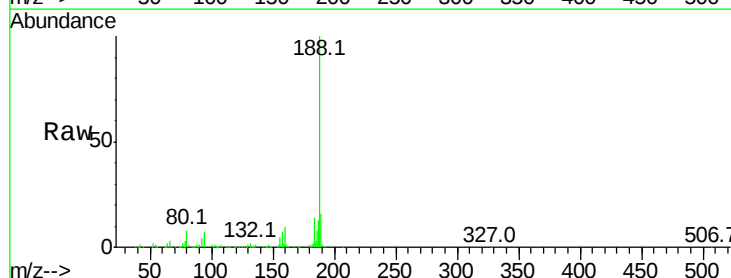
Tgt Ion: 188 Resp: 265949

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

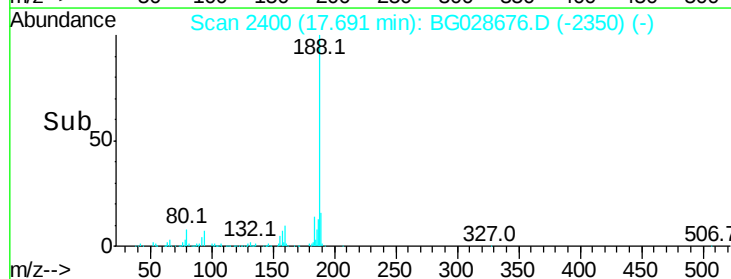
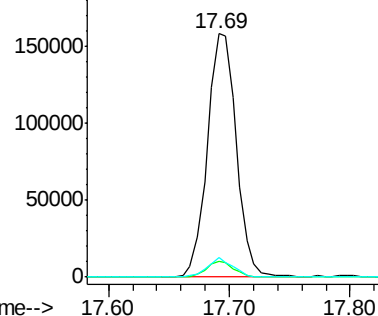
80 7.9 7.5 11.3

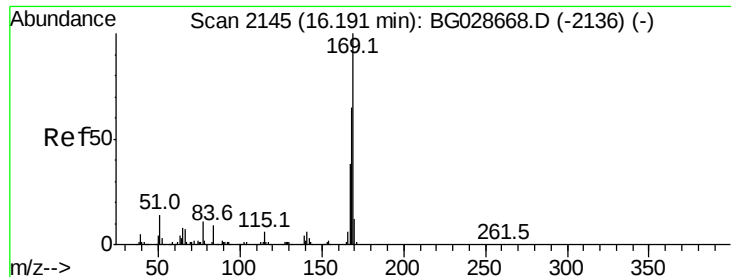


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

n-Nitrosodiphenylamine

Concen: 0.922 ng

RT: 16.43 min Scan# 2186

Delta R.T. 0.24 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

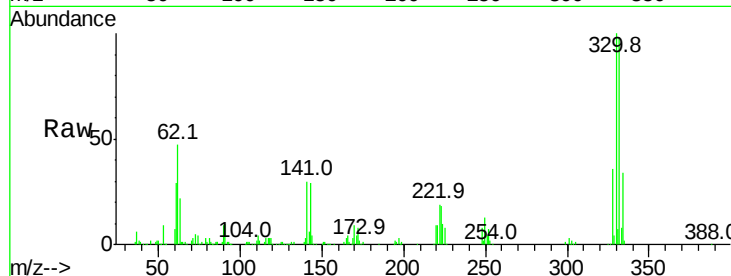
Tot Ion:169 Resp: 7032

Ion Ratio Lower Upper

169 100

168 9.9 55.7 83.5#

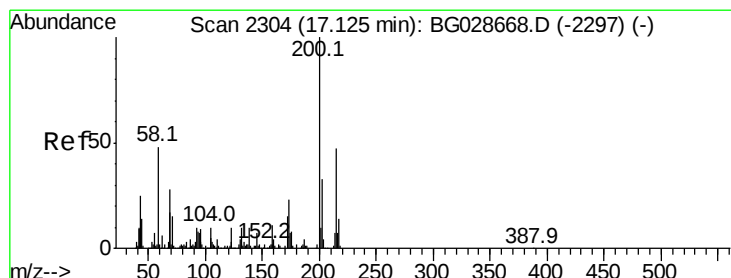
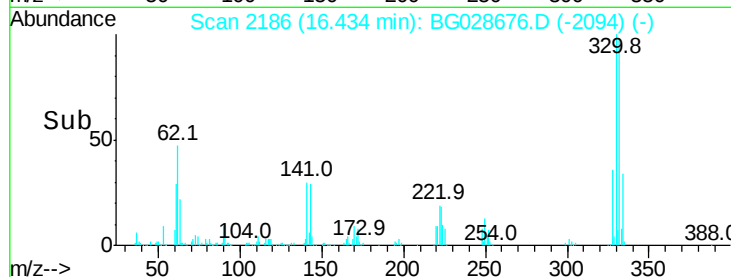
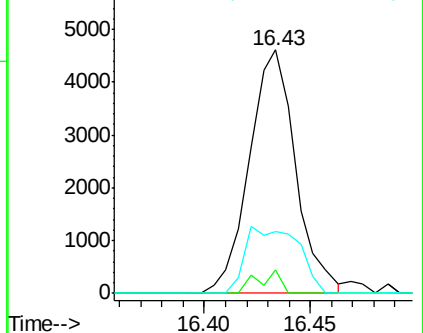
167 25.4 29.8 44.6#



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: 0.018 ng

RT: 17.30 min Scan# 2333

Delta R.T. 0.17 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

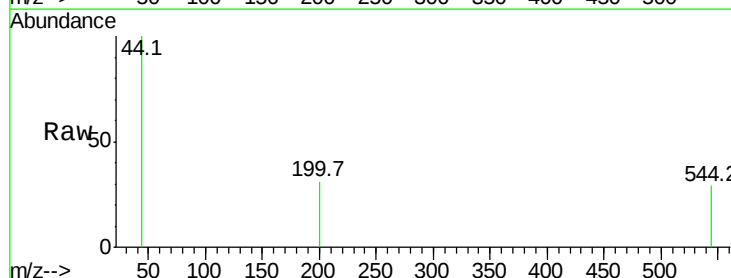
Tgt Ion:200 Resp: 60

Ion Ratio Lower Upper

200 100

173 0.0 3.0 43.0#

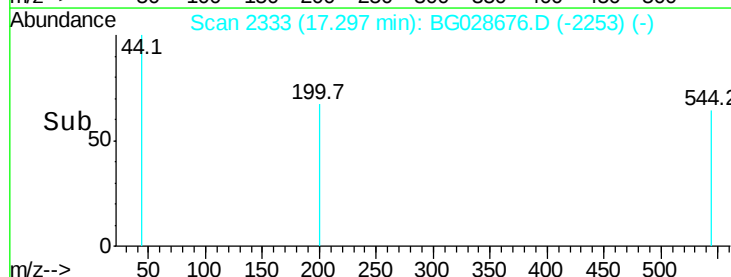
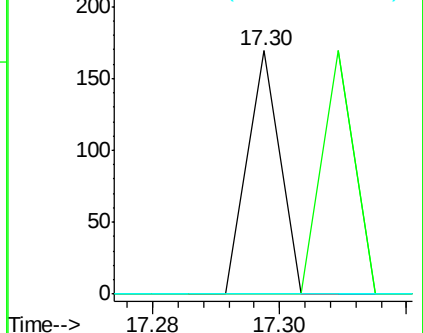
215 0.0 28.4 68.4#

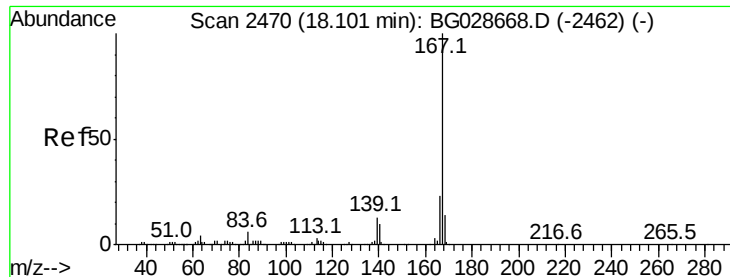


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#72

Carbazole

Concen: 0.005 ng

RT: 18.33 min Scan# 2508

Delta R.T. 0.22 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampled :

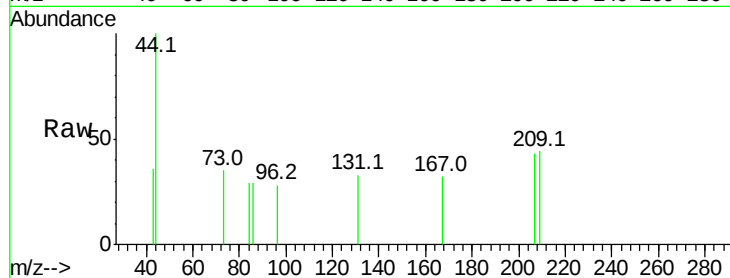
Tot Ion:167 Resp: 63

Ion Ratio Lower Upper

167 100

166 0.0 20.2 30.2#

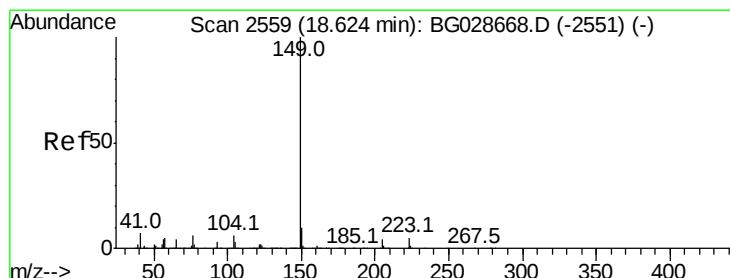
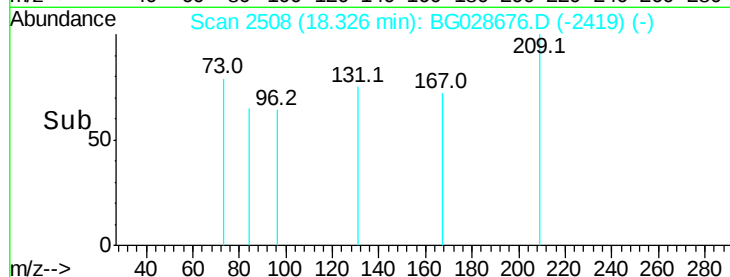
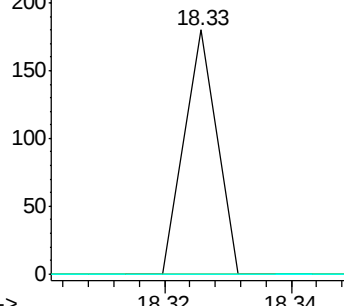
139 0.0 12.8 19.2#



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



#73

Di-n-butylphthalate

Concen: 0.004 ng

RT: 18.63 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

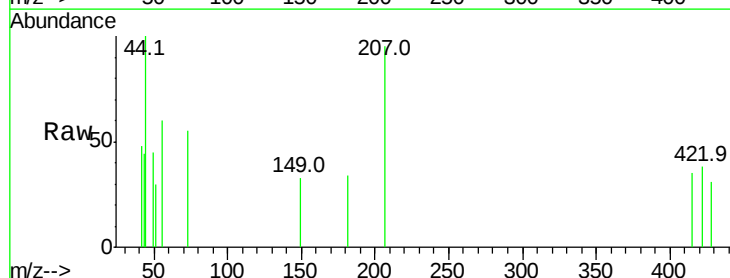
Tgt Ion:149 Resp: 64

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

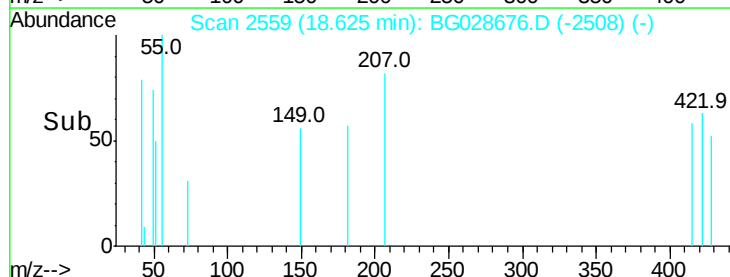
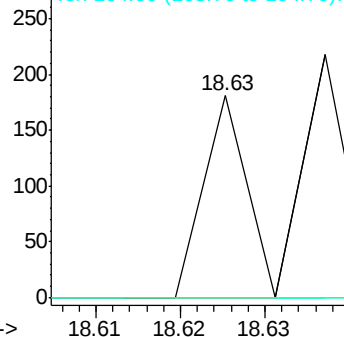
104 0.0 6.7 10.1#

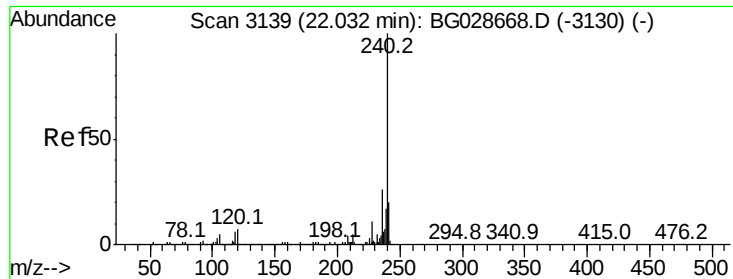


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

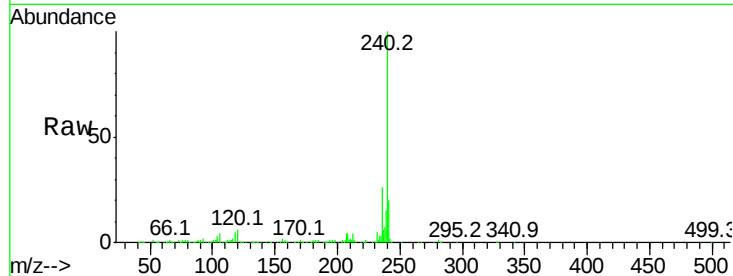
Tot Ion:240 Resp: 304193

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

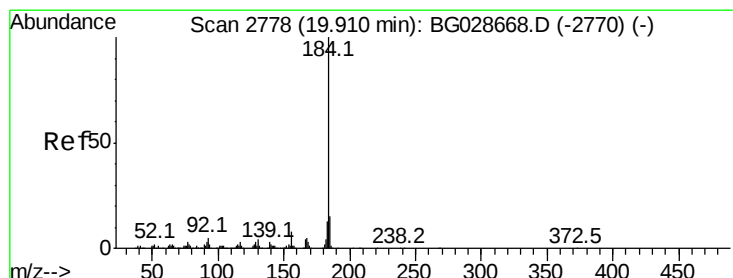
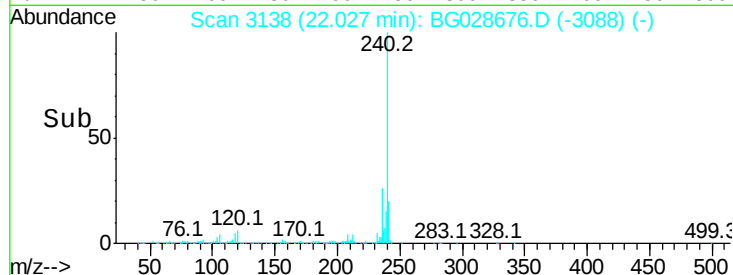
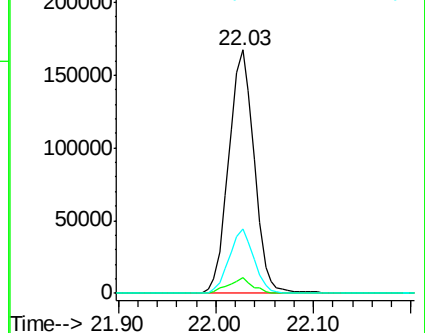
236 26.3 22.2 33.4



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



#76

Benzidine

Concen: 0.535 ng

RT: 19.92 min Scan# 2780

Delta R.T. 0.01 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

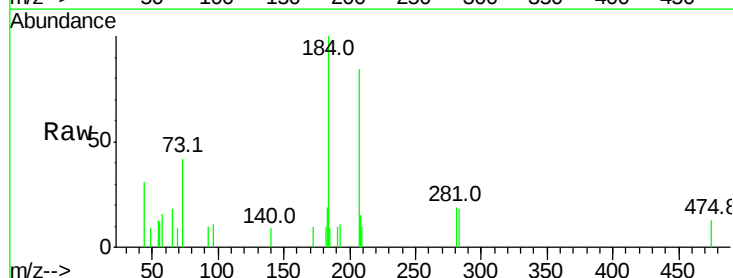
Tgt Ion:184 Resp: 4218

Ion Ratio Lower Upper

184 100

185 9.4 13.0 19.6#

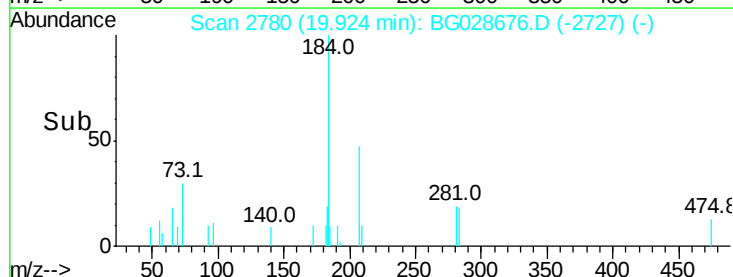
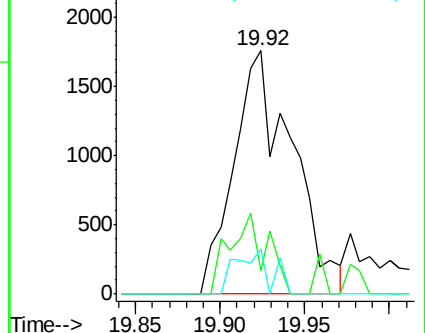
183 18.6 11.0 16.6#

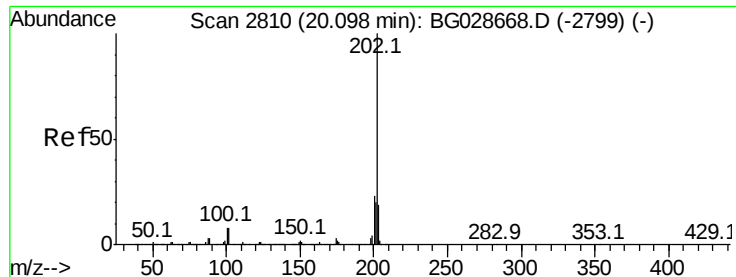


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.254 ng

RT: 20.28 min Scan# 2840

Delta R.T. 0.18 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

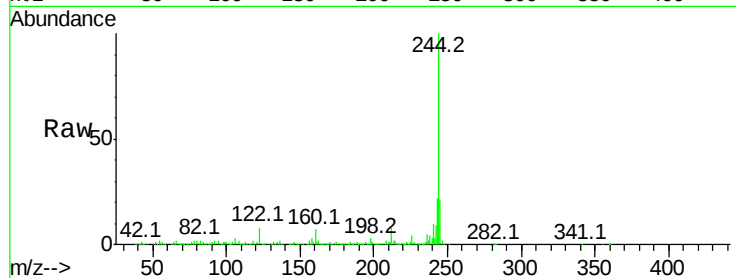
Tot Ion:202 Resp: 4455

Ion Ratio Lower Upper

202 100

200 40.4 19.6 29.4#

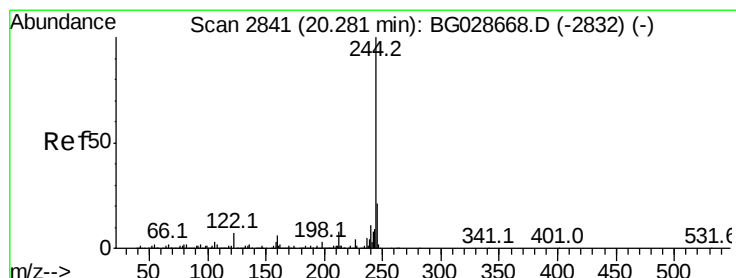
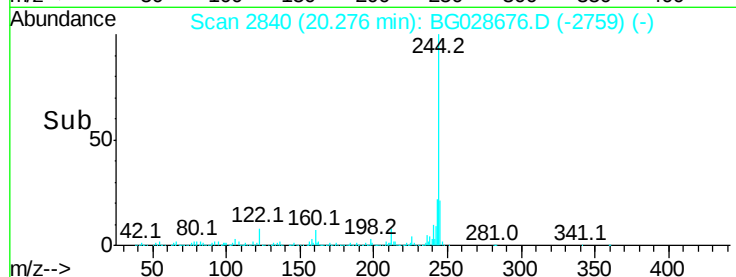
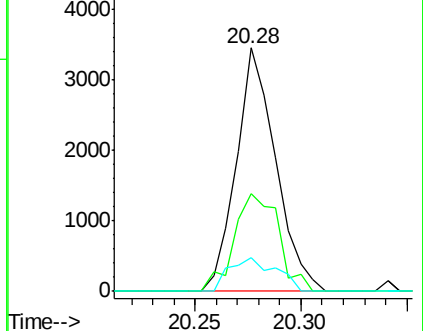
203 13.6 15.8 23.8#



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: 79.132 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

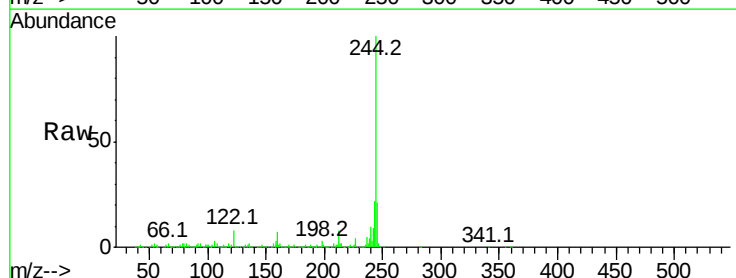
Tgt Ion:244 Resp: 1128759

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

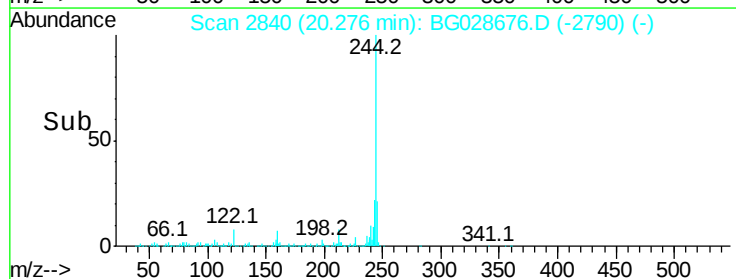
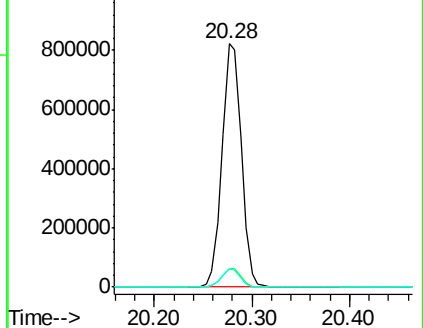
122 7.6 8.6 12.8#

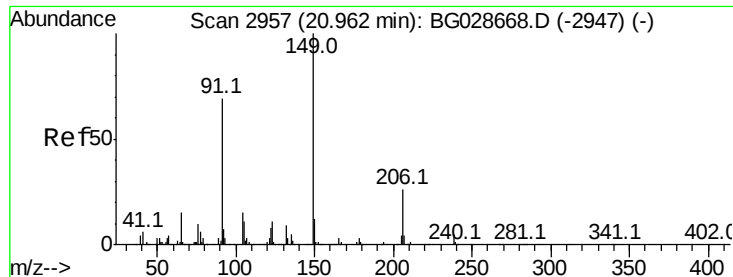


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

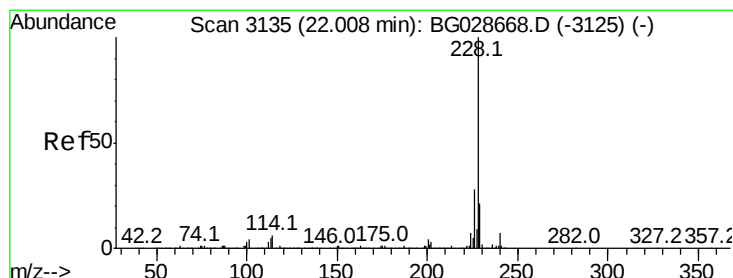
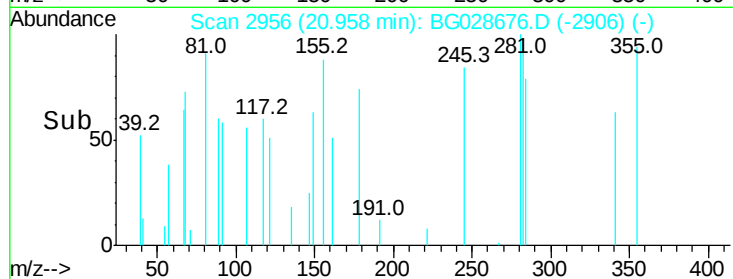
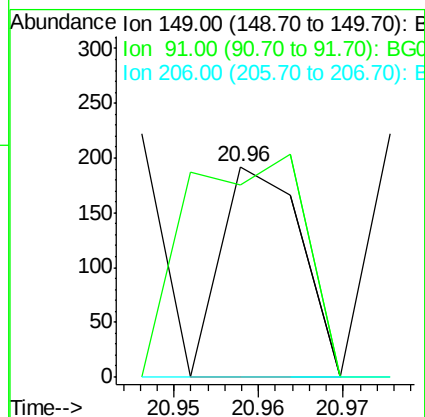
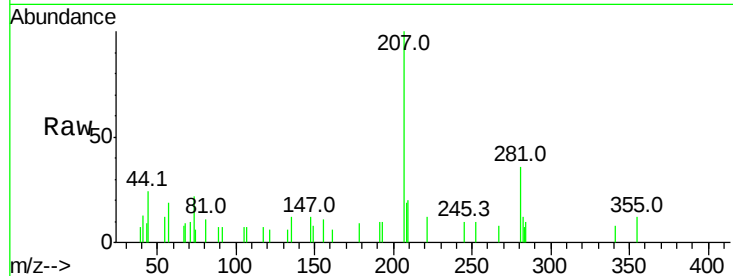




#79
Butylbenzylphthalate
Concen: 0.018 ng
RT: 20.96 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

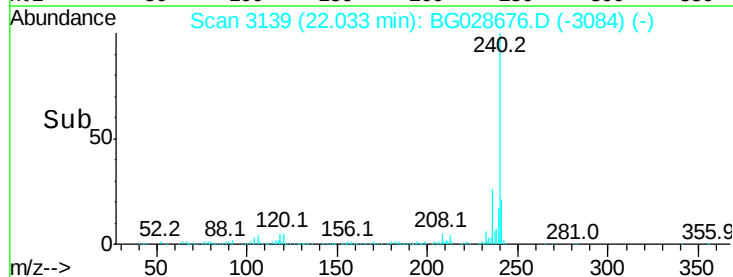
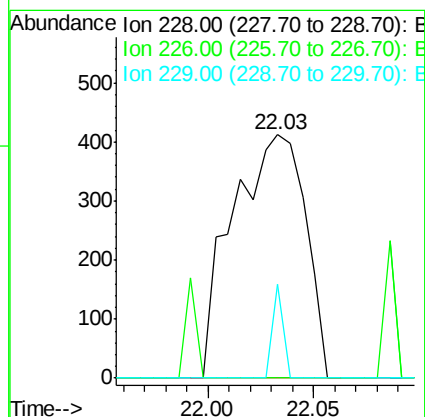
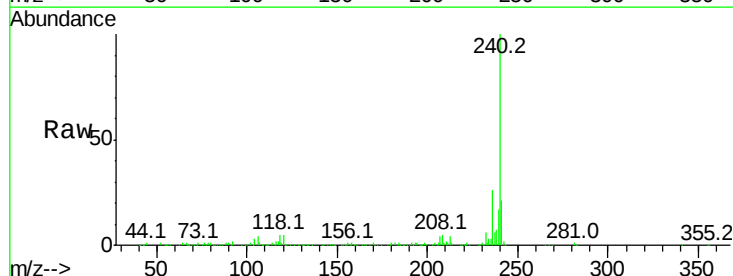
Instrument :
BNA_G
ClientSampled :

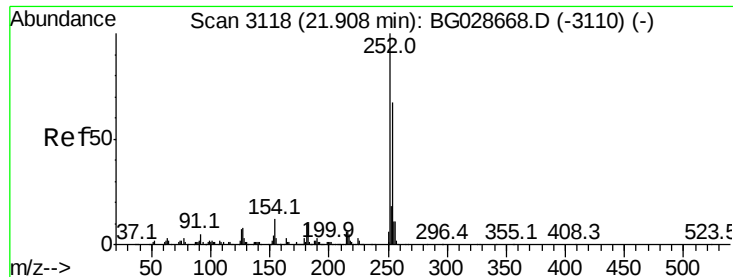
Tot Ion:149 Resp: 126
Ion Ratio Lower Upper
149 100
91 91.1 63.5 95.3
206 0.0 21.0 31.6#



#80
Benzo(a)anthracene
Concen: 0.054 ng
RT: 22.03 min Scan# 3139
Delta R.T. 0.03 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion:228 Resp: 988
Ion Ratio Lower Upper
228 100
226 0.0 24.9 37.3#
229 38.8 18.2 27.2#





#81

3,3'-Dichlorobenzidine

Concen: 0.028 ng

RT: 21.93 min Scan# 3121

Delta R.T. 0.02 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampled :

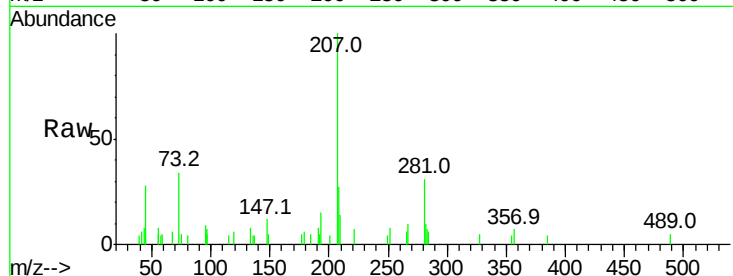
Tot Ion:252 Resp: 206

Ion Ratio Lower Upper

252 100

254 0.0 53.1 79.7#

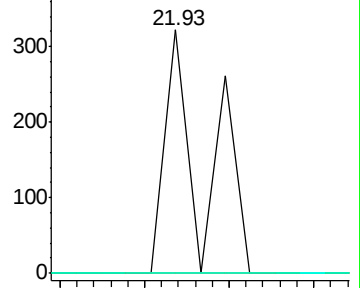
126 0.0 7.0 10.4#



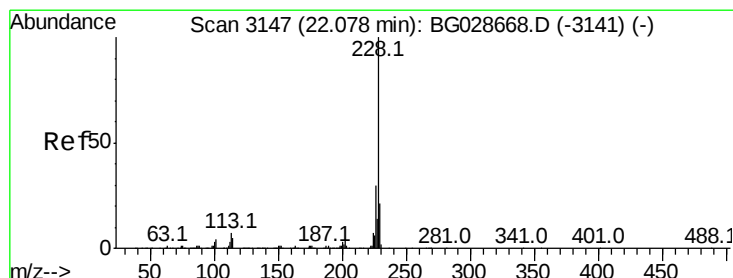
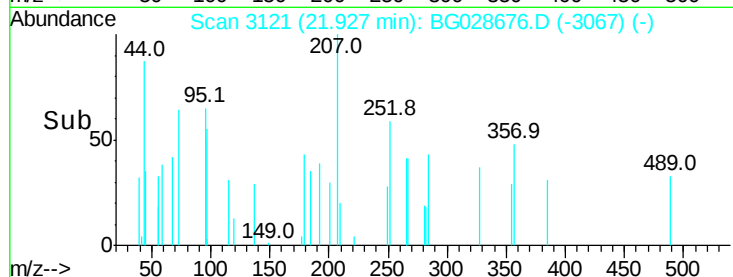
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time--> 21.90 21.92 21.94 21.96



#82

Chrysene

Concen: 0.057 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.05 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

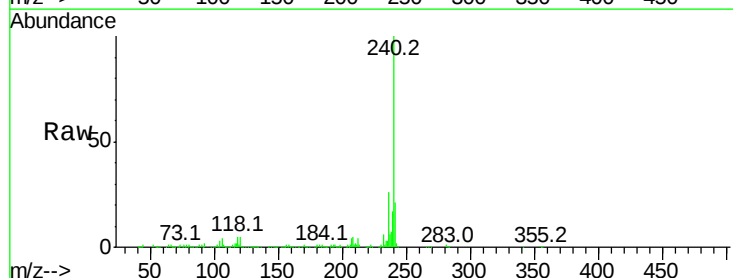
Tgt Ion:228 Resp: 988

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

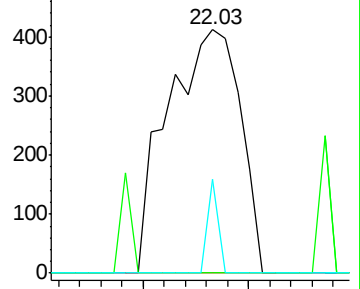
229 38.8 17.8 26.6#



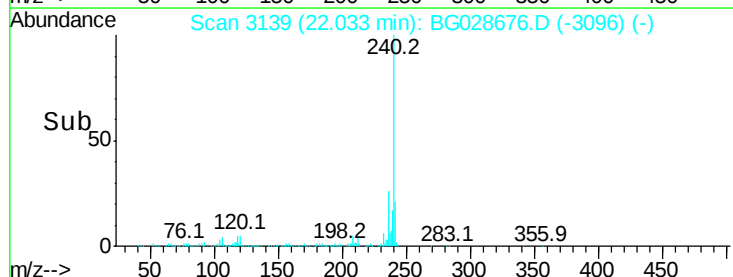
Abundance Ion 228.00 (227.70 to 228.70): E

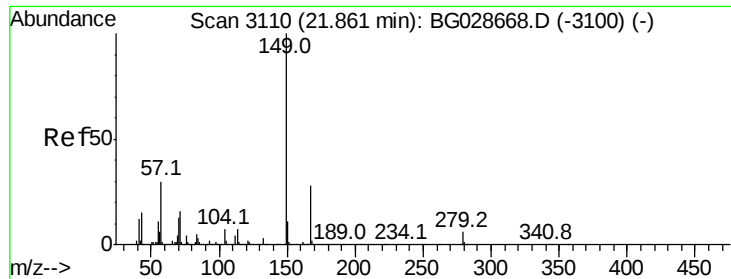
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 22.00 22.05

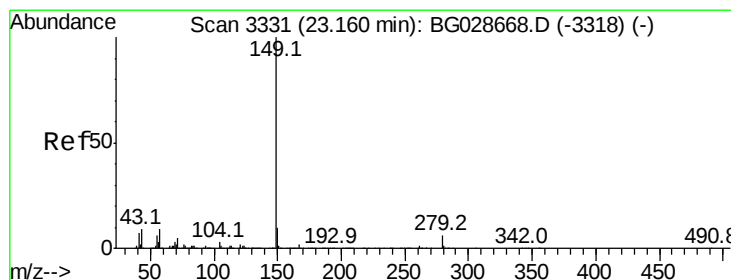
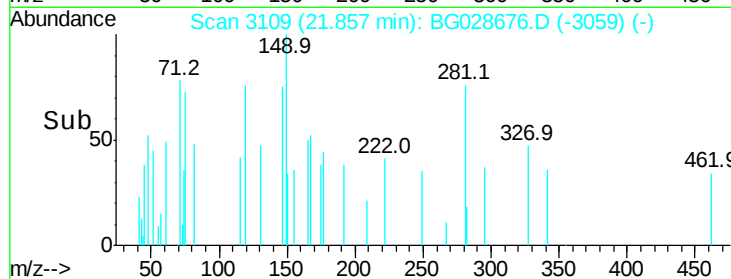
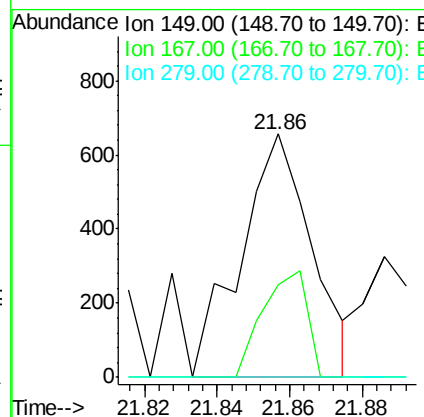
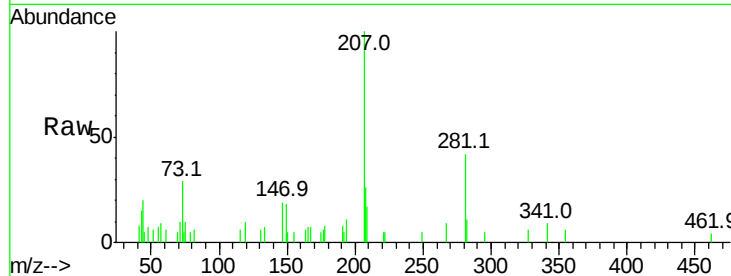




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.86 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BG028676.D
 Acq: 12 Sep 2017 19:11

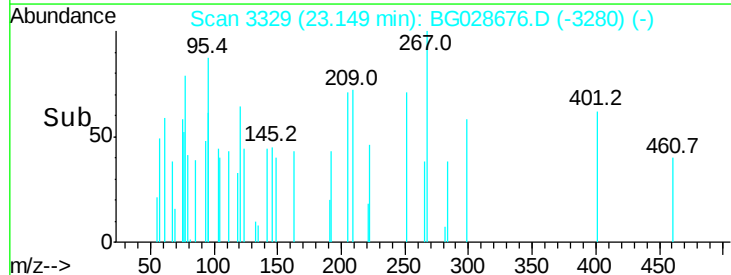
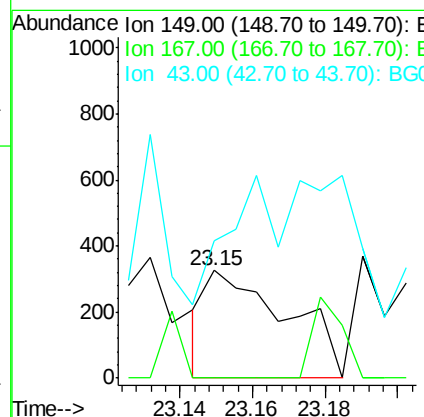
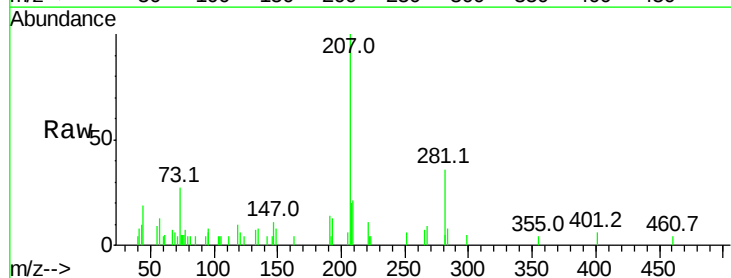
Instrument :
 BNA_G
 ClientSampleId :

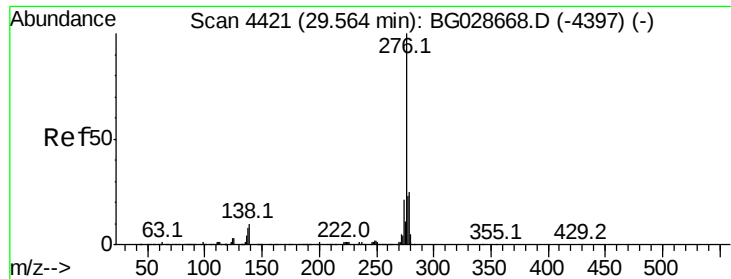
Tot Ion:149 Resp: 894
 Ion Ratio Lower Upper
 149 100
 167 38.2 23.7 35.5#
 279 0.0 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 0.029 ng
 RT: 23.15 min Scan# 3329
 Delta R.T. -0.01 min
 Lab File: BG028676.D
 Acq: 12 Sep 2017 19:11

Tgt Ion:149 Resp: 504
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.2#
 43 69.2 11.8 17.6#

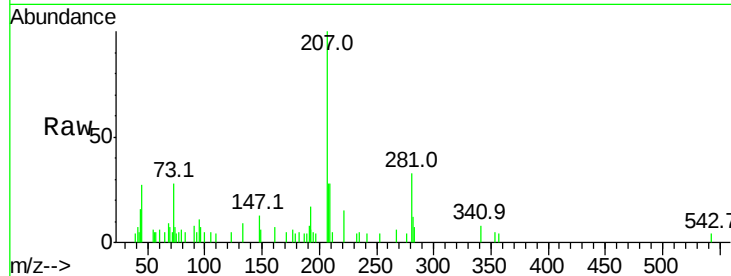




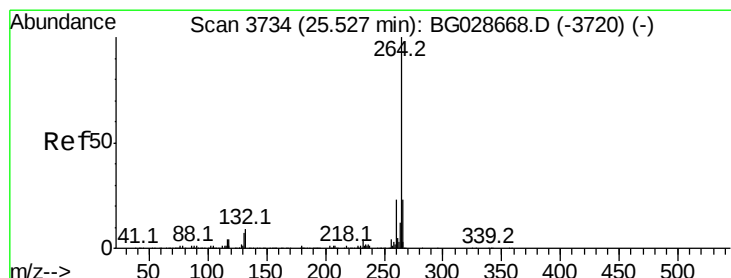
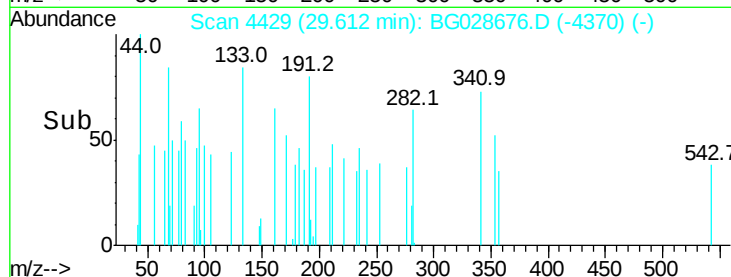
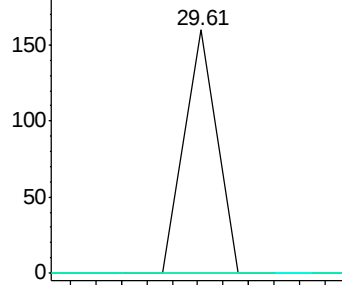
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 29.61 min Scan# 4429
Delta R.T. 0.05 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 56
Ion Ratio Lower Upper
276 100
138 0.0 4.7 7.1#
277 0.0 20.6 31.0#

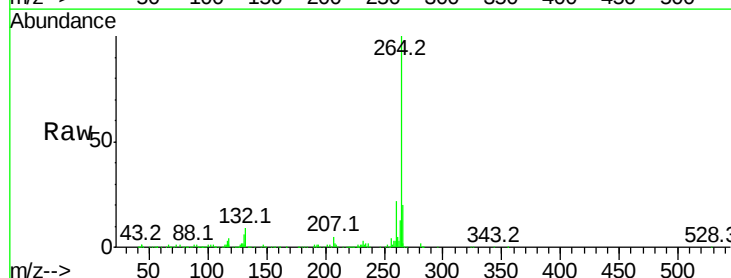


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

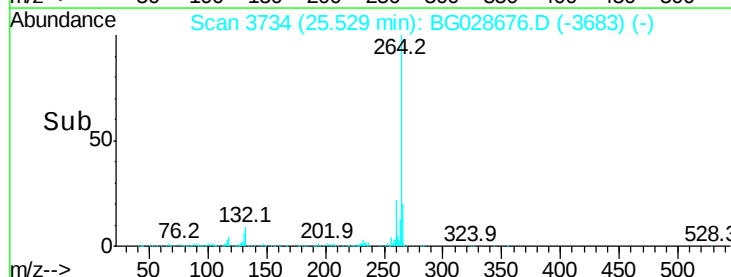
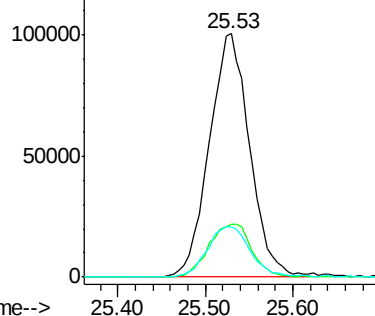


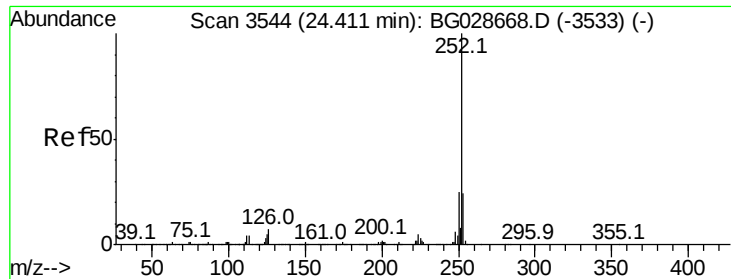
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion:264 Resp: 313811
Ion Ratio Lower Upper
264 100
260 21.6 21.8 32.8#
265 20.5 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

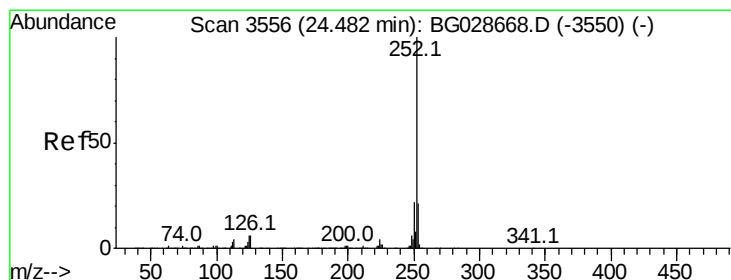
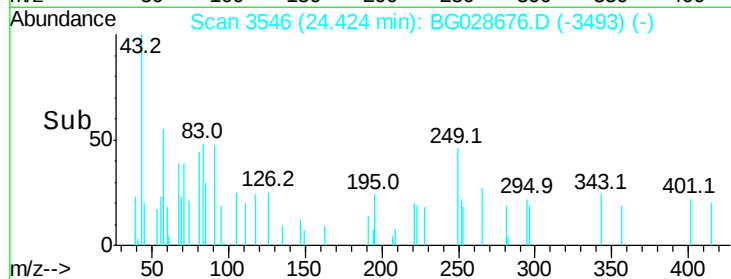
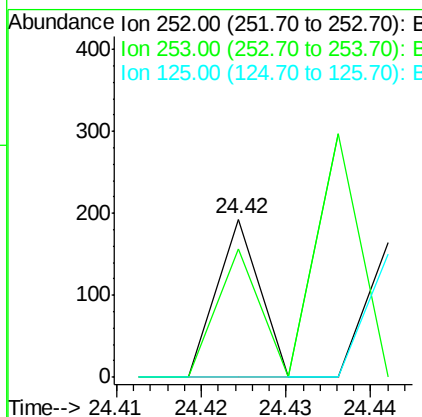
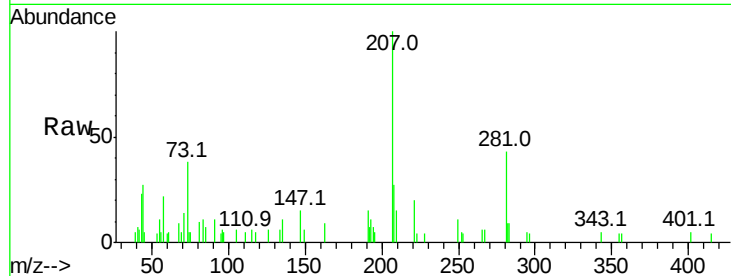




#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.42 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

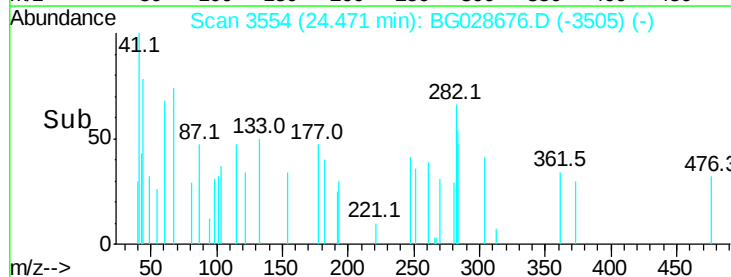
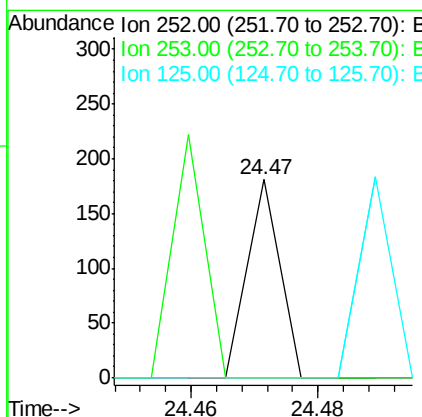
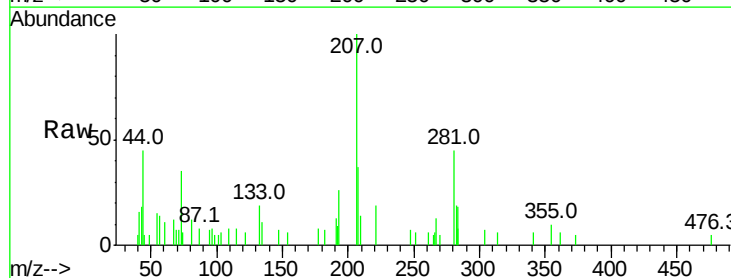
Instrument :
BNA_G
ClientSampled :

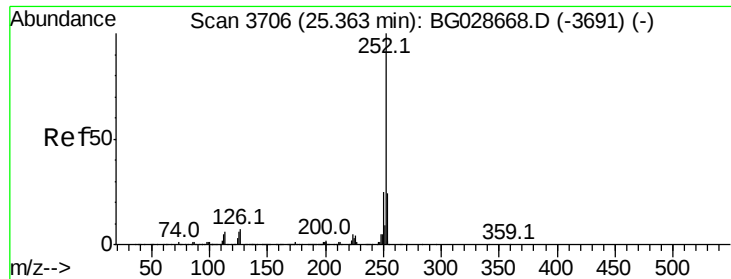
Tot Ion:252 Resp: 68
Ion Ratio Lower Upper
252 100
253 81.3 18.7 28.1#
125 0.0 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.47 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG028676.D
Acq: 12 Sep 2017 19:11

Tgt Ion:252 Resp: 64
Ion Ratio Lower Upper
252 100
253 0.0 20.2 30.2#
125 0.0 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 0.003 ng

RT: 25.38 min Scan# 3709

Delta R.T. 0.02 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

Instrument :

BNA_G

ClientSampleId :

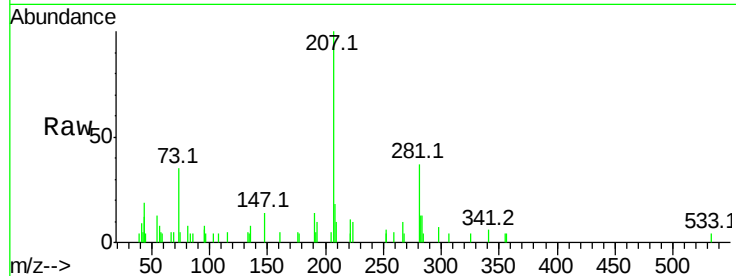
Tot Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 144.6 19.2 28.8#

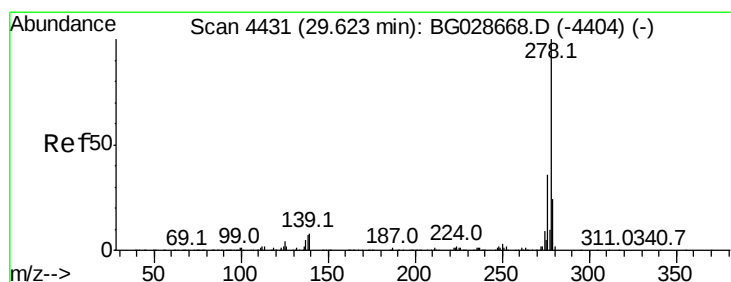
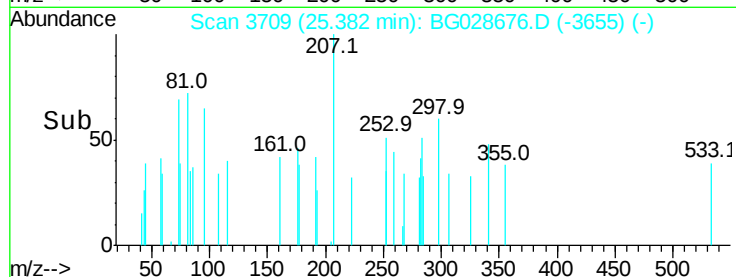
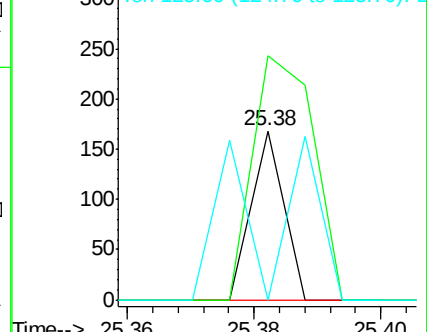
125 0.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 29.64 min Scan# 4433

Delta R.T. 0.01 min

Lab File: BG028676.D

Acq: 12 Sep 2017 19:11

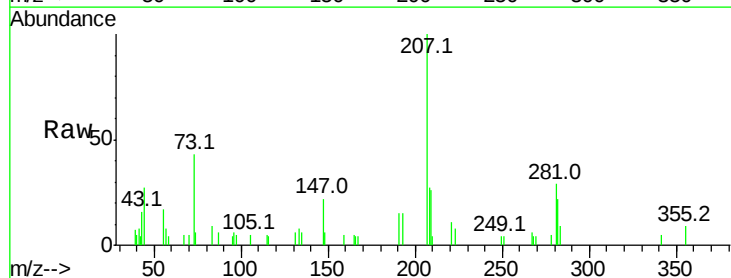
Tgt Ion:278 Resp: 74

Ion Ratio Lower Upper

278 100

139 0.0 7.7 11.5#

279 0.0 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

