

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034096.D
 Acq On : 2 May 2018 2:13
 Operator : SJ/JU
 Sample : J2133-07
 Misc : 1PPM LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 03:39:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53741	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	231893	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	183199	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	522065	20.00	ng	0.00
75) Chrysene-d12	21.76	240	585835	20.00	ng	-0.01
86) Perylene-d12	25.05	264	569430	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	463874	139.46	ng	0.00
7) Phenol-d6	7.22	99	678901	131.10	ng	0.00
23) Nitrobenzene-d5	9.24	82	487180	80.61	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	359183	141.59	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1064463	84.67	ng	0.00
78) Terphenyl-d14	20.09	244	2159272	80.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	2477	1.773	ng	# 58
3) Pyridine	3.98	79	2660	0.607	ng	# 47
4) n-Nitrosodimethylamine	3.87	42	2332	0.976	ng	# 75
6) Aniline	7.39	93	7551	1.072	ng	# 89
8) 2-Chlorophenol	7.64	128	3570	1.076	ng	# 79
9) Benzaldehyde	7.22	77	3910	Below Cal		# 63
10) Phenol	7.25	94	5794	1.109	ng	# 69
11) bis(2-Chloroethyl)ether	7.49	93	5150	1.252	ng	# 63
12) 1,3-Dichlorobenzene	7.96	146	4304	1.025	ng	# 72
13) 1,4-Dichlorobenzene	8.10	146	4834	1.159	ng	# 67
14) 1,2-Dichlorobenzene	8.43	146	4784	1.208	ng	# 90
15) Benzyl Alcohol	8.31	79	5056	0.915	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.60	45	6285	1.111	ng	# 81
17) 2-Methylphenol	8.50	107	3901	1.135	ng	# 57
18) Hexachloroethane	9.17	117	1729	0.975	ng	# 74
19) n-Nitroso-di-n-propylamine	8.88	70	5358	1.152	ng	# 92
20) 3+4-Methylphenols	8.82	107	4988	0.980	ng	# 75
22) Acetophenone	8.90	105	8033	1.017	ng	# 94
24) Nitrobenzene	9.28	77	7520	1.137	ng	# 72
25) Isophorone	9.80	82	11717	0.950	ng	# 91
26) 2-Nitrophenol	9.98	139	1878	1.025	ng	# 58
27) 2,4-Dimethylphenol	10.04	122	3898	1.098	ng	# 91
28) bis(2-Chloroethoxy)methane	10.29	93	6264	1.034	ng	# 84
29) 2,4-Dichlorophenol	10.54	162	4316	1.017	ng	# 89
30) 1,2,4-Trichlorobenzene	10.74	180	5671	1.110	ng	# 88
31) Naphthalene	10.94	128	13573	1.114	ng	# 99
32) Benzoic acid	10.20	122	137	3.163	ng	# 13
33) 4-Chloroaniline	11.03	127	4601	0.837	ng	# 84
34) Hexachlorobutadiene	11.23	225	4618	1.068	ng	# 83
35) Caprolactam	11.80	113	771	0.511	ng	# 26
36) 4-Chloro-3-methylphenol	12.16	107	5370	0.976	ng	# 83
37) 2-Methylnaphthalene	12.55	142	9634	0.975	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	6579	0.928	ng	# 79
40) Hexachlorocyclopentadiene	12.89	237	3779	0.900	ng	# 53

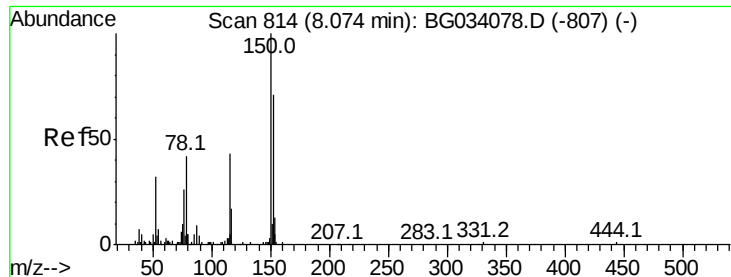
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034096.D
 Acq On : 2 May 2018 2:13
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Quant Time: May 02 03:39:31 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	13.14	196	4736	1.150	ng	#	55
43) 2,4,5-Trichlorophenol	13.21	196	3895	0.855	ng	#	89
45) 1,1'-Biphenyl	13.55	154	16820	1.175	ng		90
46) 2-Chloronaphthalene	13.58	162	11728	1.082	ng	#	79
47) 2-Nitroaniline	13.78	65	3762	0.868	ng	#	58
48) Acenaphthylene	14.43	152	17290	0.999	ng	#	96
49) Dimethylphthalate	14.17	163	17082	1.075	ng	#	98
50) 2,6-Dinitrotoluene	14.29	165	2340	0.767	ng	#	85
51) Acenaphthene	14.77	154	11502	0.978	ng	#	82
52) 3-Nitroaniline	14.60	138	2371	0.771	ng	#	67
53) 2,4-Dinitrophenol	14.82	184	1532	1.284	ng	#	1
54) Dibenzofuran	15.11	168	17704	1.039	ng	#	90
55) 4-Nitrophenol	14.90	139	1551	0.661	ng	#	4
56) 2,4-Dinitrotoluene	15.07	165	3257	0.786	ng	#	47
57) Fluorene	15.76	166	15435	1.039	ng	#	79
58) 2,3,4,6-Tetrachlorophenol	15.33	232	4587	0.974	ng	#	88
59) Diethylphthalate	15.54	149	17916	1.066	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	9895	1.120	ng	#	86
61) 4-Nitroaniline	15.77	138	2710	0.831	ng		91
62) Azobenzene	16.05	77	19470	1.072	ng		87
64) 4,6-Dinitro-2-methylphenol	15.83	198	1993	0.812	ng	#	62
65) n-Nitrosodiphenylamine	15.98	169	11793	0.828	ng	#	77
66) 4-Bromophenyl-phenylether	16.66	248	6523	1.006	ng	#	73
67) Hexachlorobenzene	16.76	284	7244	1.101	ng	#	87
68) Atrazine	16.92	200	4425	1.419	ng	#	72
69) Pentachlorophenol	17.11	266	3583	0.781	ng	#	75
70) Phenanthrene	17.60	178	25266	0.942	ng		99
71) Anthracene	17.60	178	25266	0.929	ng		98
72) Carbazole	17.86	167	28269	1.136	ng	#	91
73) Di-n-butylphthalate	18.44	149	28635	0.956	ng	#	94
74) Fluoranthene	19.52	202	36654	1.081	ng		93
76) Benzidine	20.08	184	42971	2.848	ng		97
77) Pyrene	19.88	202	37682	1.027	ng		95
79) Butylbenzylphthalate	20.78	149	13605	0.950	ng		91
80) Benzo(a)anthracene	21.74	228	38906	1.036	ng		92
81) 3,3'-Dichlorobenzidine	21.65	252	13045	0.919	ng	#	93
82) Chrysene	21.80	228	40143	1.117	ng	#	91
83) Bis(2-ethylhexyl)phthalate	21.68	149	18165	0.921	ng	#	77
84) Di-n-octyl phthalate	22.92	149	26270	0.834	ng	#	75
85) Indeno(1,2,3-cd)pyrene	28.83	276	5546	0.140	ng	#	84
87) Benzo(b)fluoranthene	24.00	252	35237	0.980	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	33169	0.965	ng	#	87
89) Benzo(a)pyrene	24.89	252	32719	0.972	ng	#	82
90) Dibenzo(a,h)anthracene	28.88	278	30752	0.969	ng	#	86
91) Benzo(g,h,i)perylene	29.97	276	29110	0.931	ng	#	87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

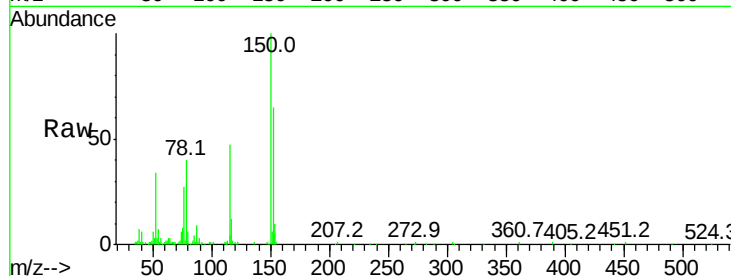
Tot Ion:152 Resp: 53741

Ion Ratio Lower Upper

152 100

150 154.6 126.6 189.8

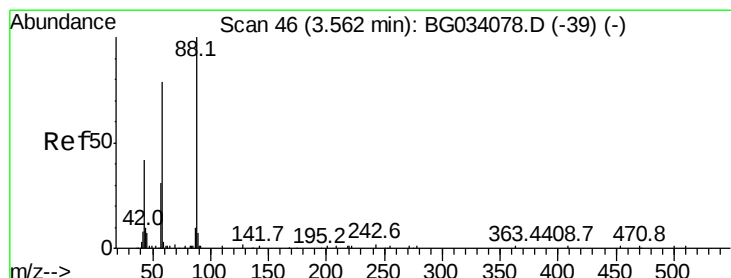
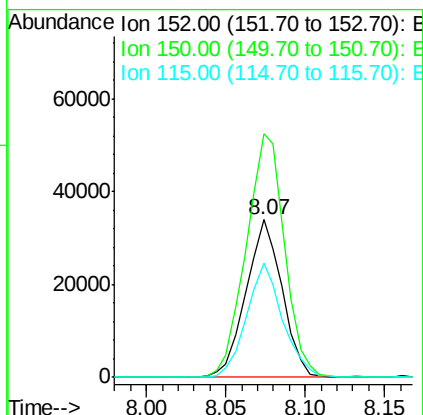
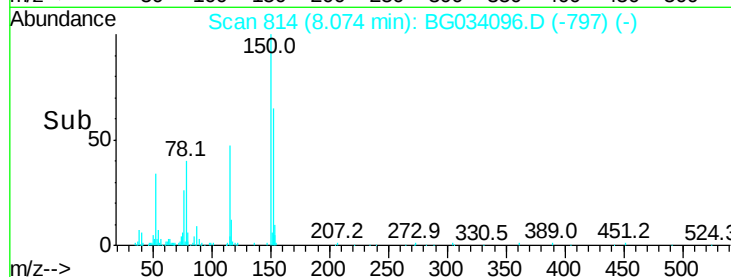
115 72.8 53.0 79.4



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: 1.773 ng

RT: 3.56 min Scan# 46

Delta R.T. -0.00 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

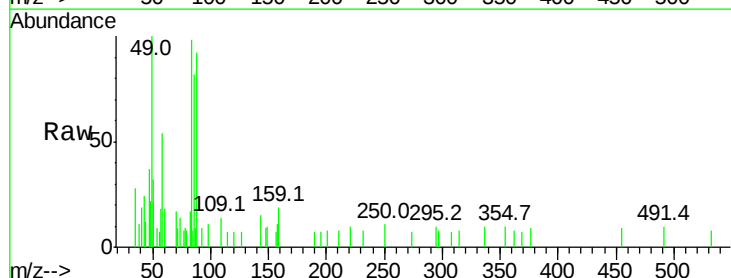
Tgt Ion: 88 Resp: 2477

Ion Ratio Lower Upper

88 100

58 58.8 79.6 119.4#

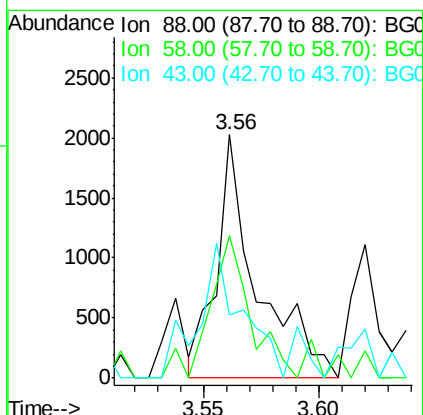
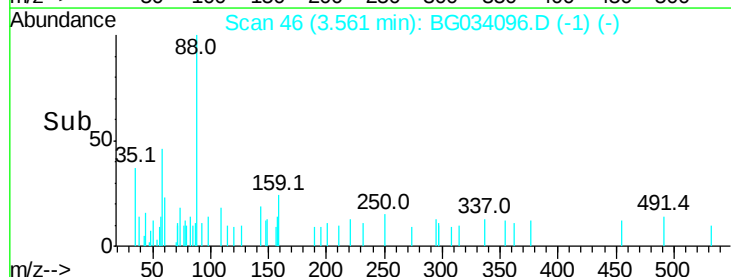
43 59.3 27.4 41.0#

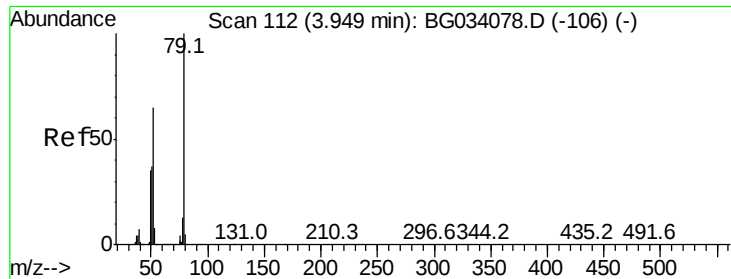


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.607 ng

RT: 3.98 min Scan# 117

Delta R.T. 0.03 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampled :

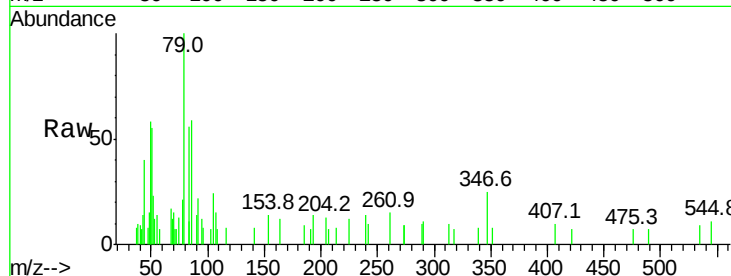
Tot Ion: 79 Resp: 2660

Ion Ratio Lower Upper

79 100

52 22.8 69.9 104.9#

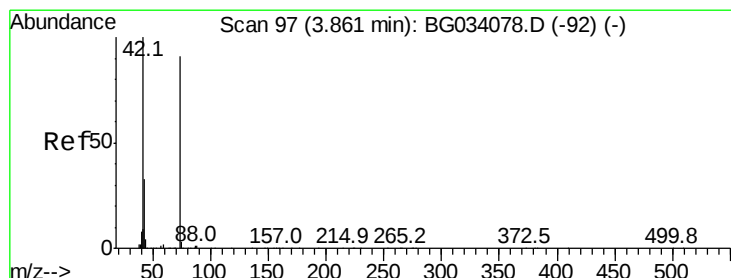
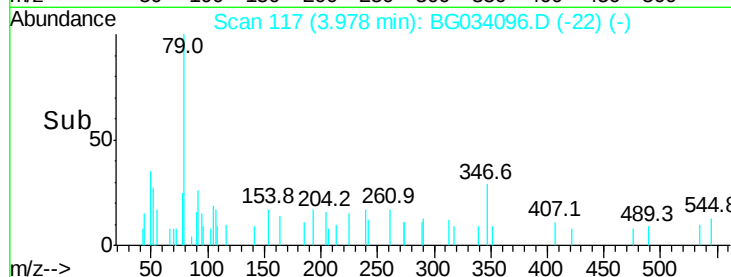
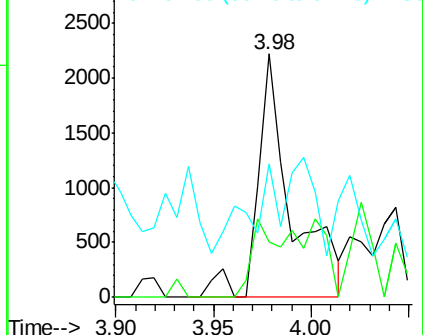
51 55.0 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 0.976 ng

RT: 3.87 min Scan# 98

Delta R.T. 0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

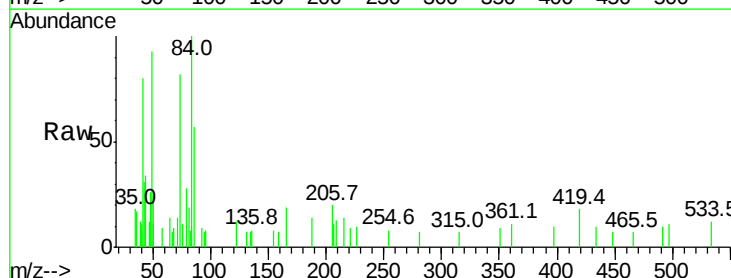
Tgt Ion: 42 Resp: 2332

Ion Ratio Lower Upper

42 100

74 102.7 102.5 153.7

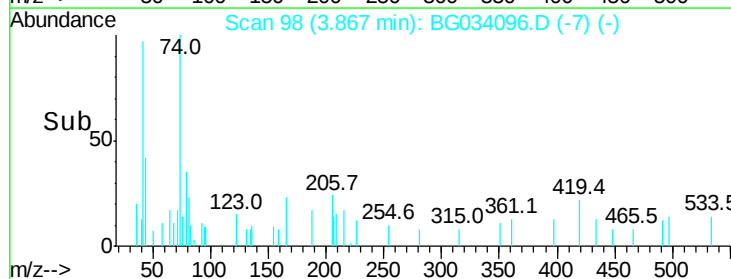
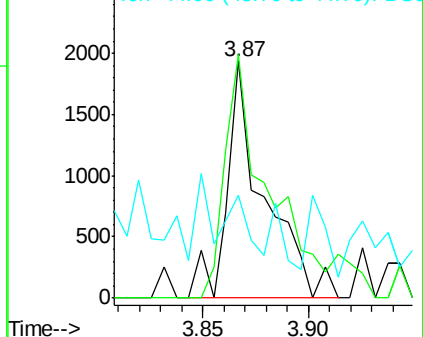
44 43.2 18.9 28.3#

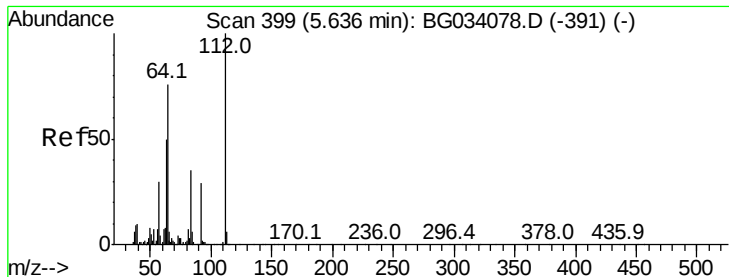


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 139.456 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG034096.D

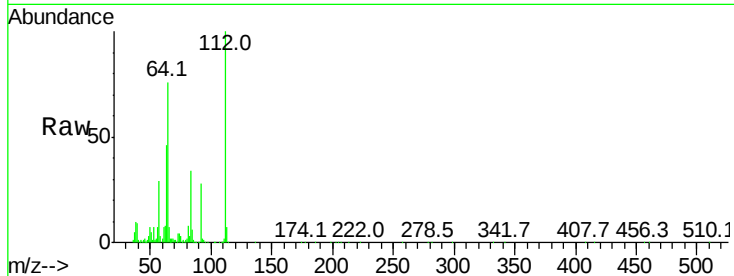
Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

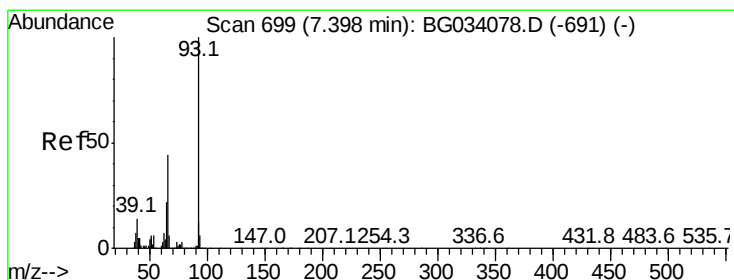
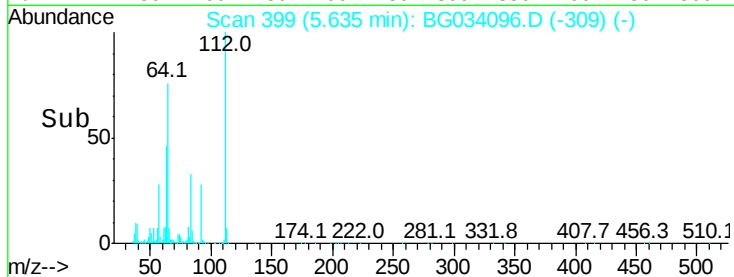
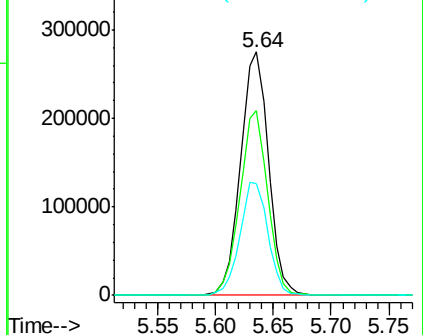
Tot Ion:	112	Resp:	463874
Ion Ratio	Lower	Upper	
112	100		
64	75.8	56.3	84.5
63	45.7	30.1	45.1#



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: 1.072 ng

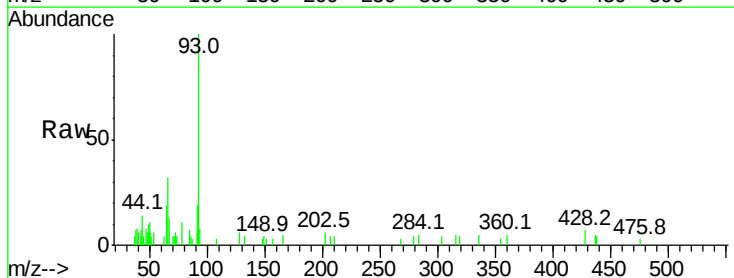
RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

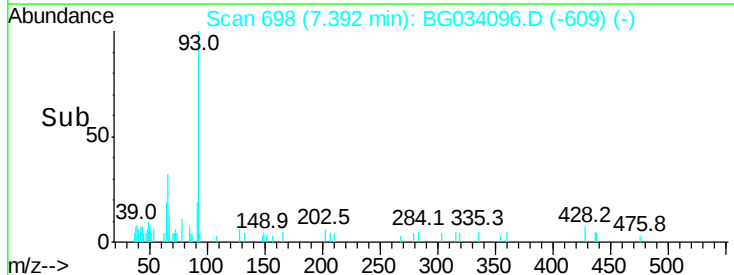
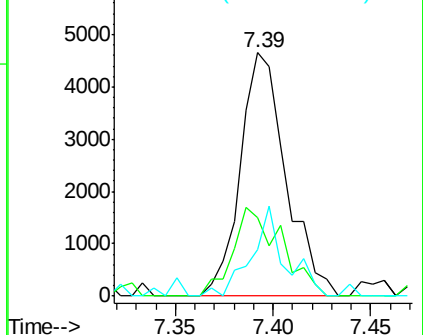
Tgt Ion:	93	Resp:	7551
Ion Ratio	Lower	Upper	
93	100		
66	32.5	33.7	50.5#
65	19.3	16.1	24.1

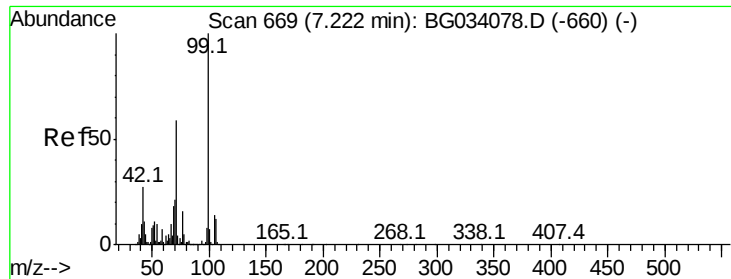


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.101 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

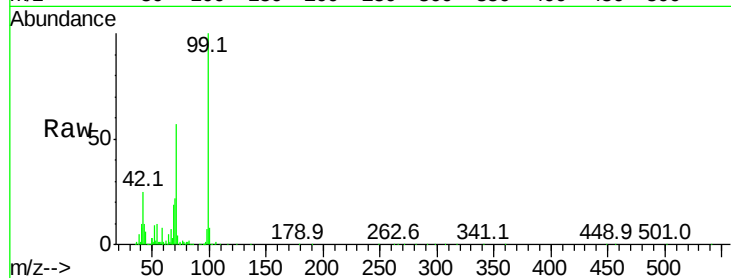
Tot Ion: 99 Resp: 678901

Ion Ratio Lower Upper

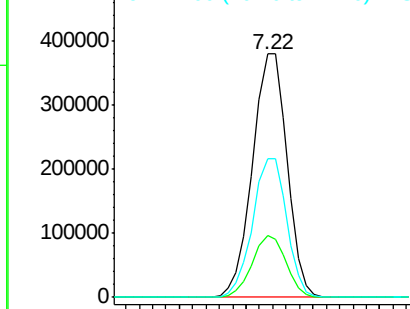
99 100

42 25.4 14.1 21.1#

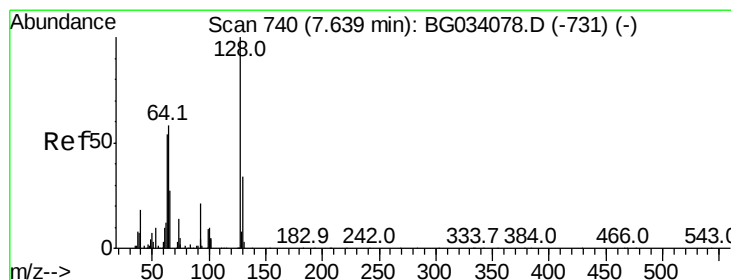
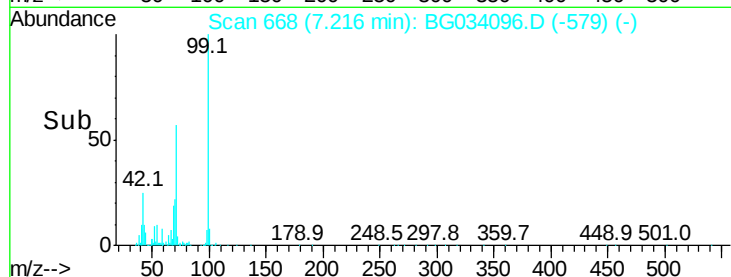
71 56.9 26.1 39.1#



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



Time-->



#8

2-Chlorophenol

Concen: 1.076 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

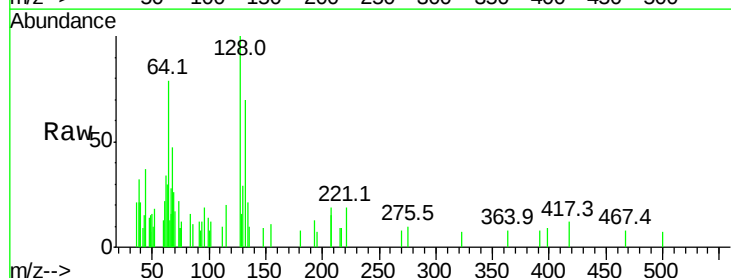
Tgt Ion: 128 Resp: 3570

Ion Ratio Lower Upper

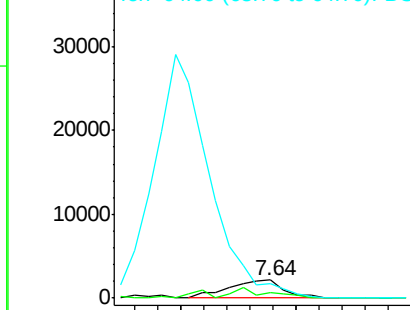
128 100

130 29.0 14.0 54.0

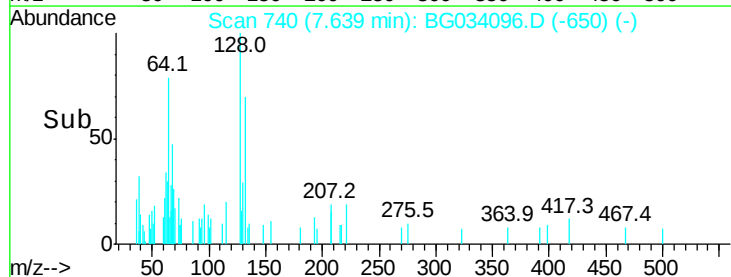
64 78.6 37.7 77.7#

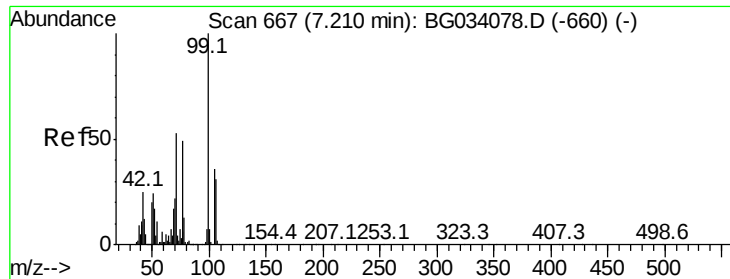


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: Below Cal

RT: 7.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

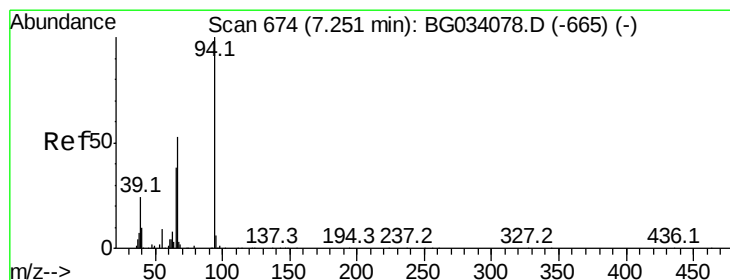
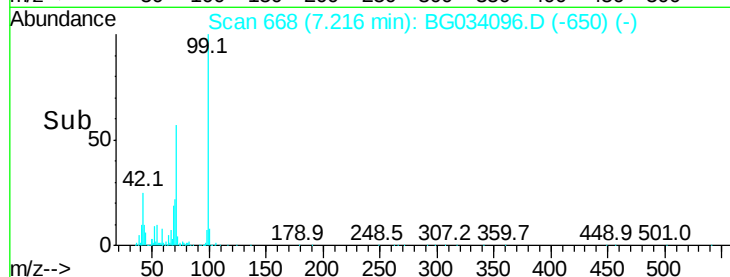
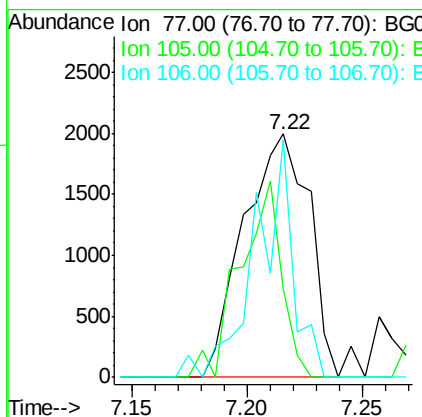
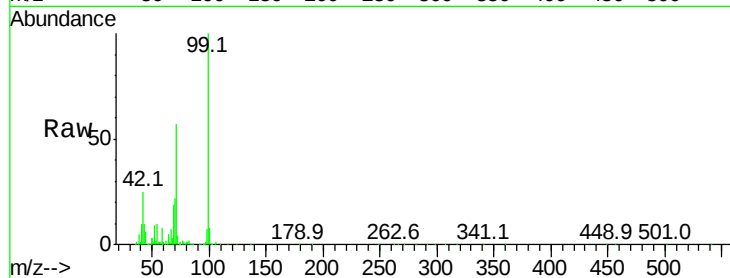
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 3910

Ion	Ratio	Lower	Upper
77	100		
105	36.4	71.3	111.3#
106	97.2	64.2	104.2



#10

Phenol

Concen: 1.109 ng

RT: 7.25 min Scan# 673

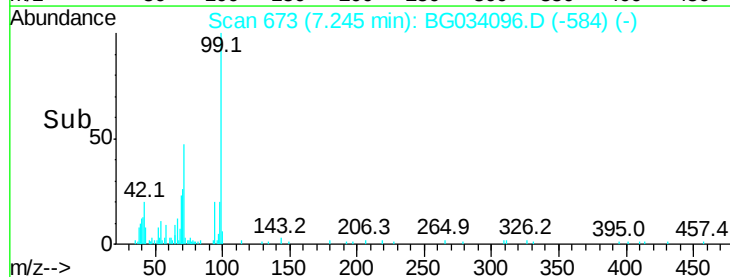
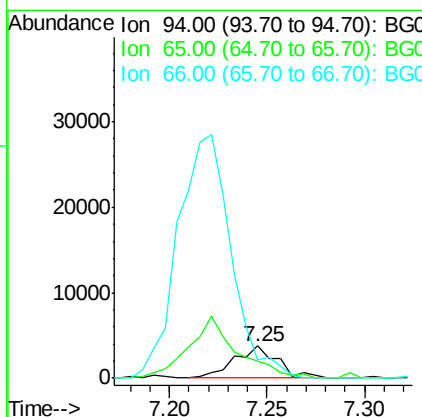
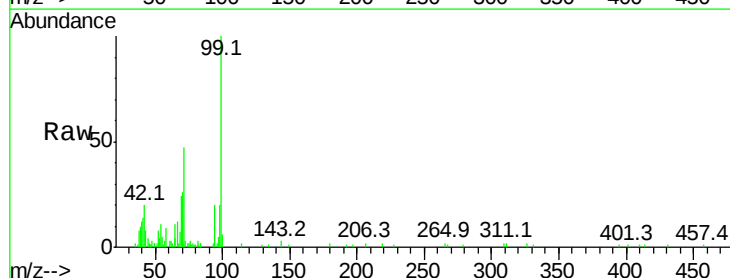
Delta R.T. -0.01 min

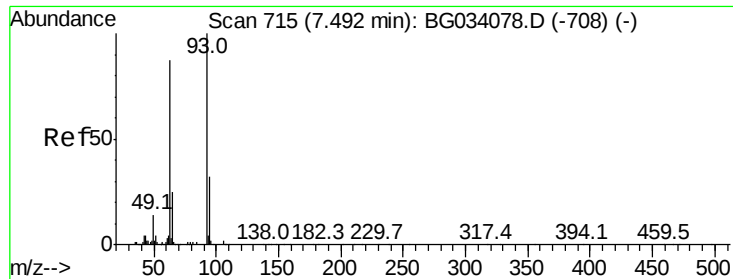
Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion: 94 Resp: 5794

Ion	Ratio	Lower	Upper
94	100		
65	52.3	11.9	51.9#
66	58.7	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 1.252 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampled :

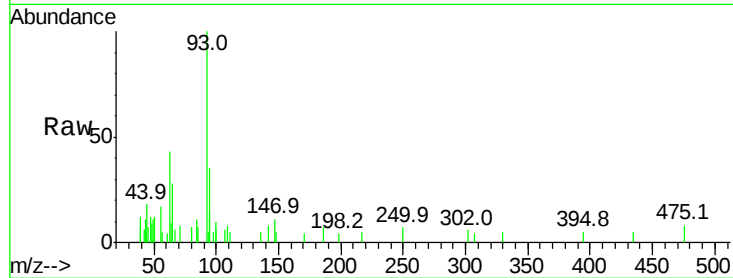
Tot Ion: 93 Resp: 5150

Ion Ratio Lower Upper

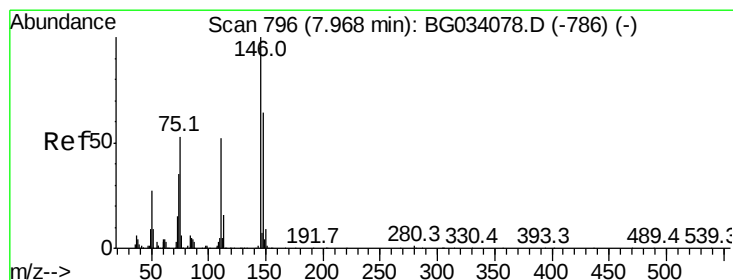
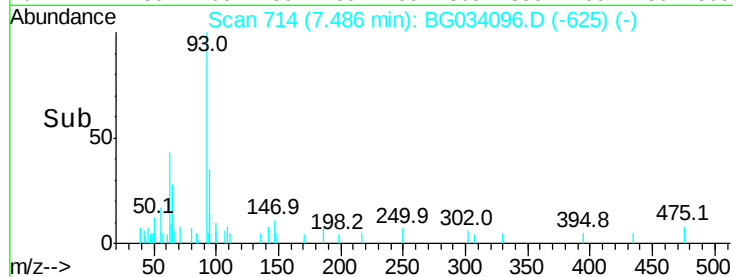
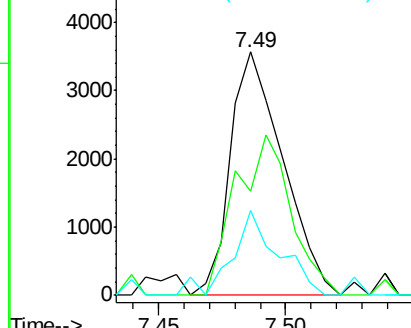
93 100

63 42.8 67.1 107.1#

95 34.8 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 1.025 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

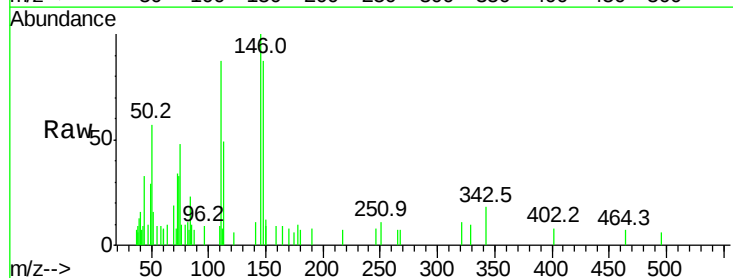
Tgt Ion: 146 Resp: 4304

Ion Ratio Lower Upper

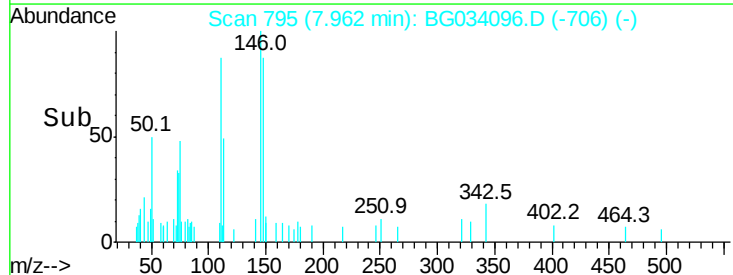
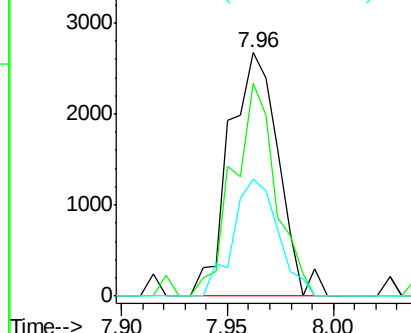
146 100

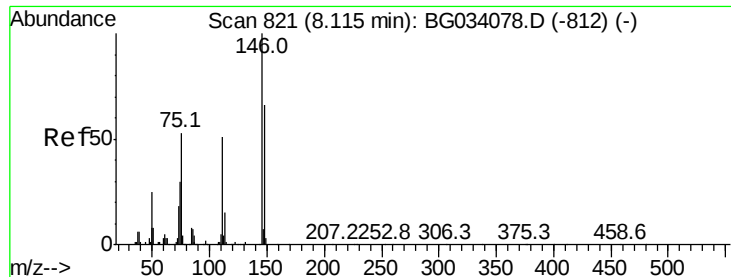
148 87.4 51.4 77.2#

75 47.8 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 1.159 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

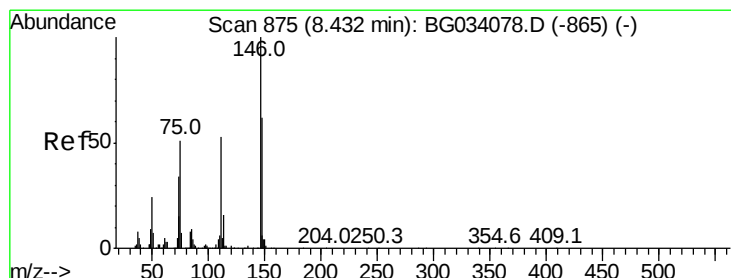
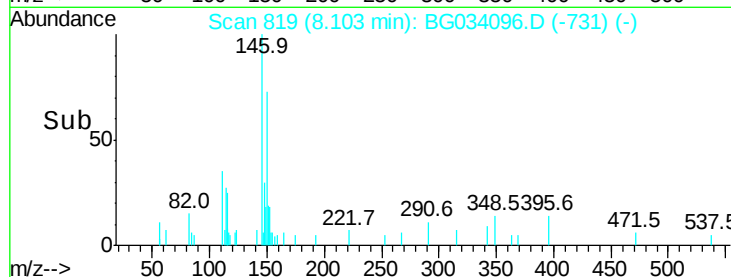
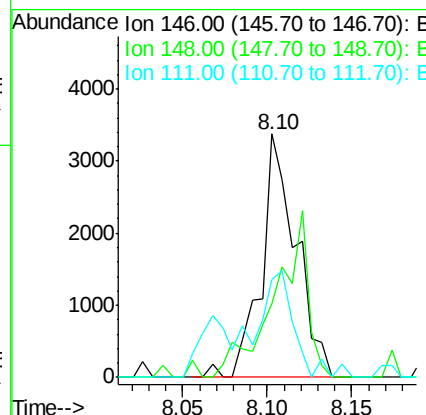
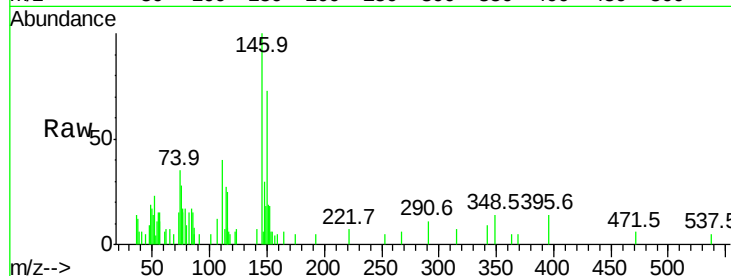
Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 4834

Ion	Ratio	Lower	Upper
146	100		
148	28.6	53.7	80.5#
111	38.2	35.2	52.8



#14

1,2-Dichlorobenzene

Concen: 1.208 ng

RT: 8.43 min Scan# 875

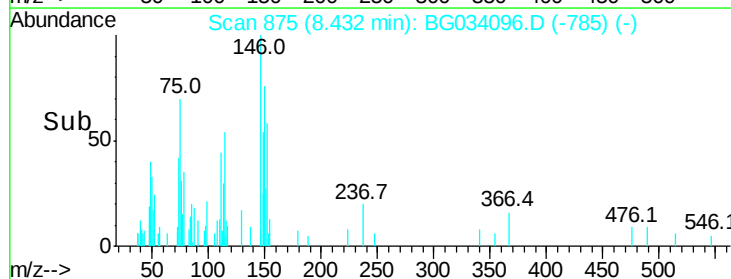
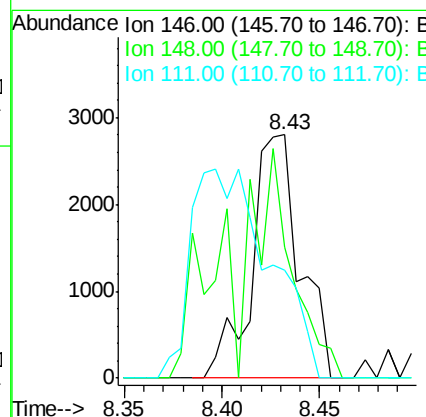
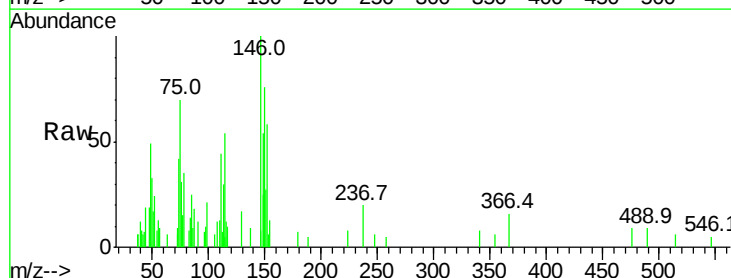
Delta R.T. -0.00 min

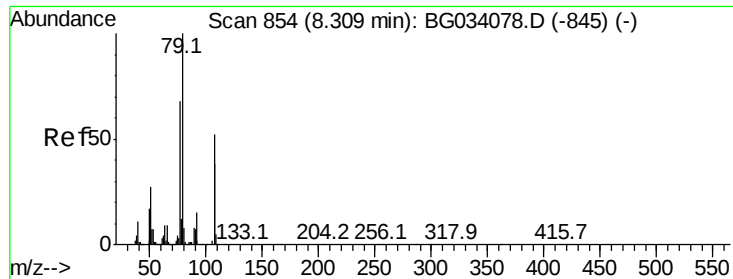
Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:146 Resp: 4784

Ion	Ratio	Lower	Upper
146	100		
148	49.6	49.3	73.9
111	40.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 0.915 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampled :

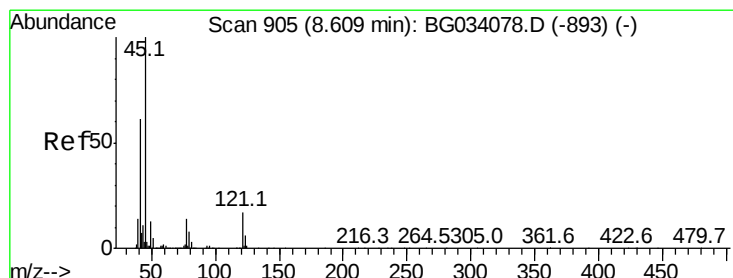
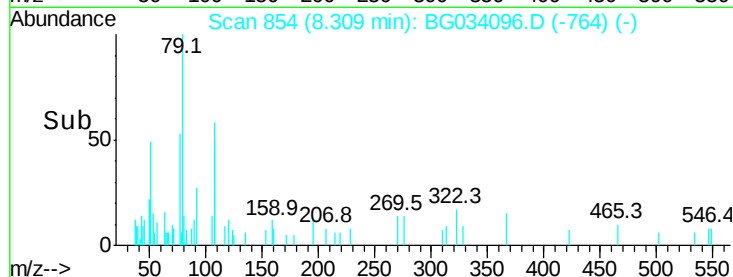
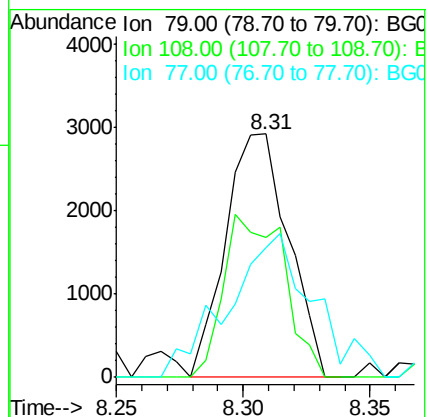
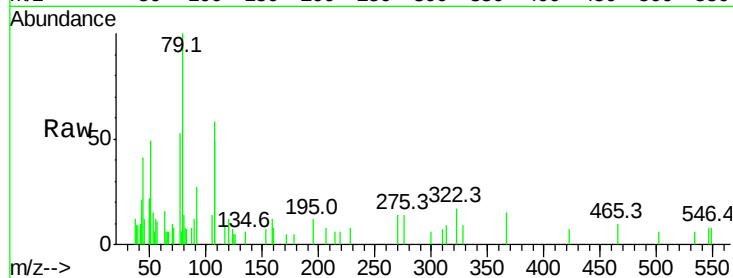
Tot Ion: 79 Resp: 5056

Ion Ratio Lower Upper

79 100

108 57.6 57.2 85.8

77 53.4 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.111 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

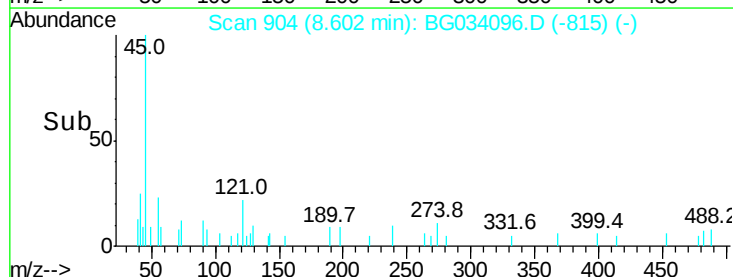
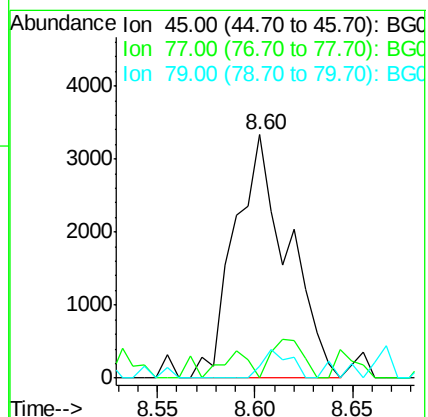
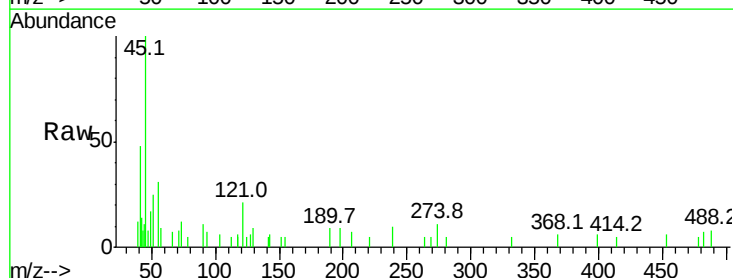
Tgt Ion: 45 Resp: 6285

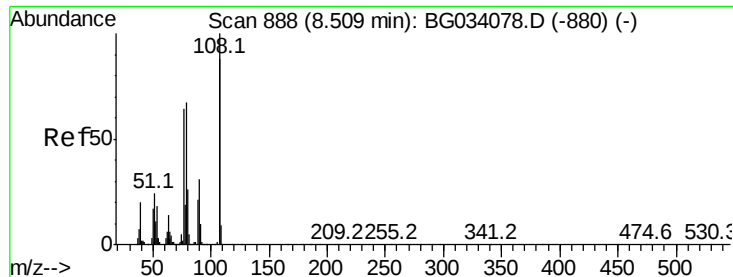
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

79 5.2 0.0 27.9





#17

2-Methylphenol

Concen: 1.135 ng

RT: 8.50 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG034096.D

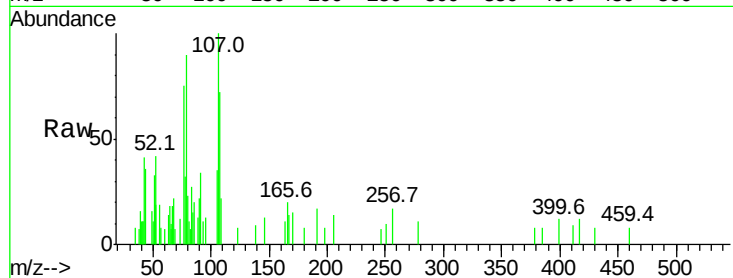
Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	3901
Ion	Ratio	Lower	Upper
107	100		
108	72.3	83.9	125.9#
77	74.5	37.2	55.8#
79	89.9	36.2	54.2#

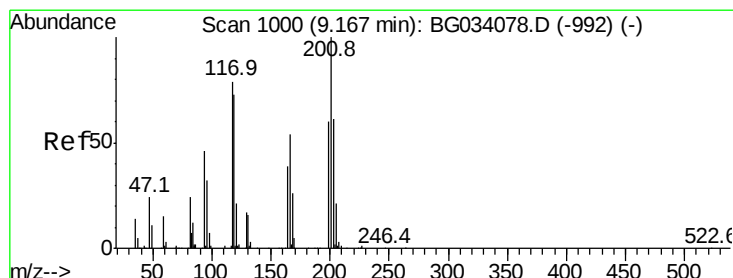
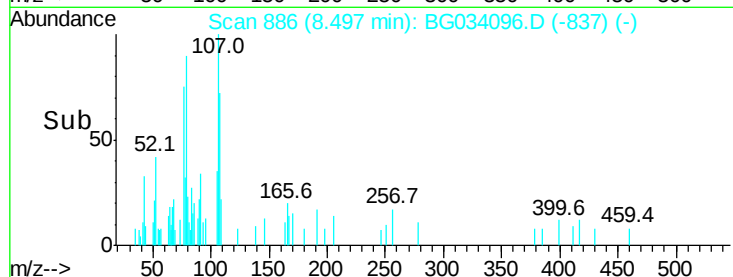
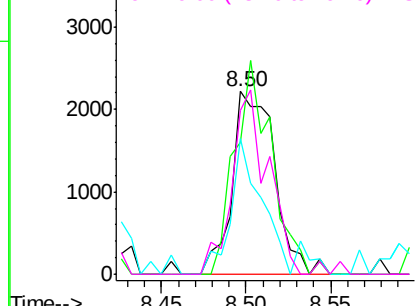


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 0.975 ng

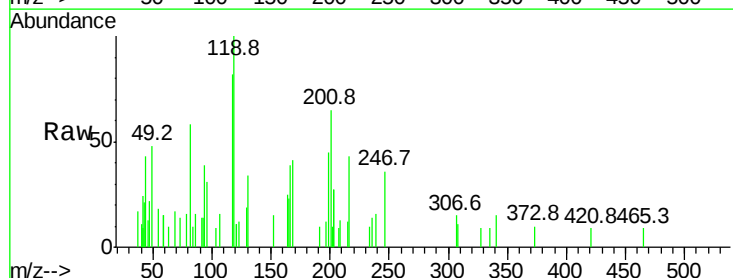
RT: 9.17 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

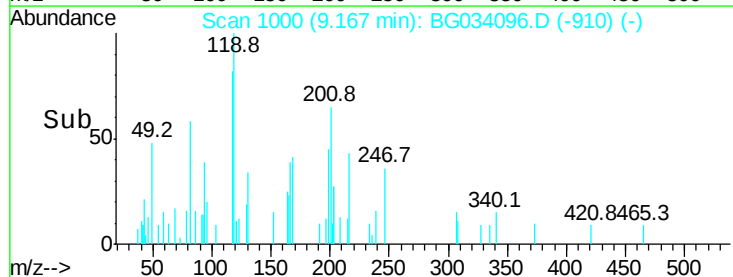
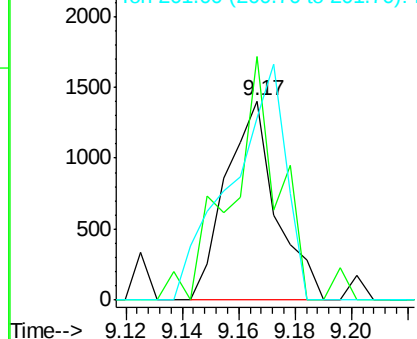
Tgt Ion:	117	Resp:	1729
Ion	Ratio	Lower	Upper
117	100		
119	122.5	76.7	115.1#
201	91.9	95.7	143.5#

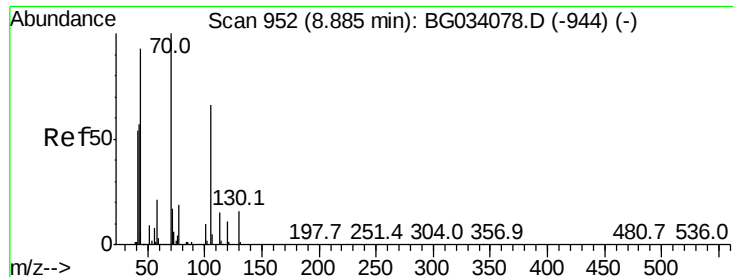


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 1.152 ng

RT: 8.88 min Scan# 951

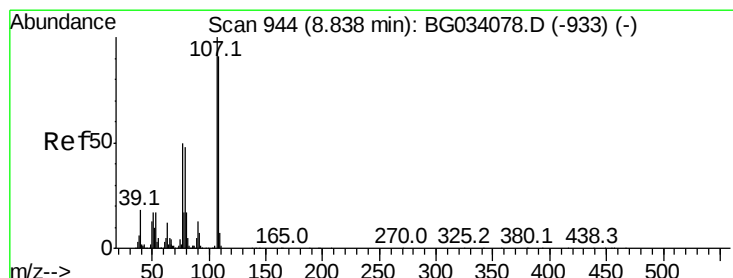
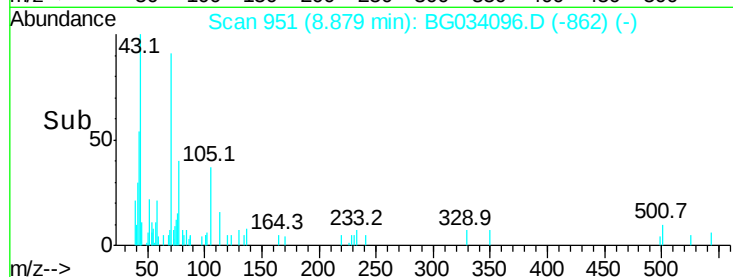
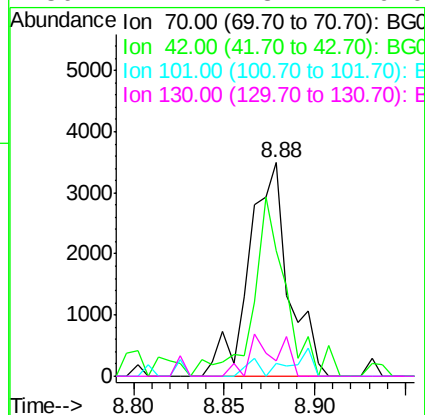
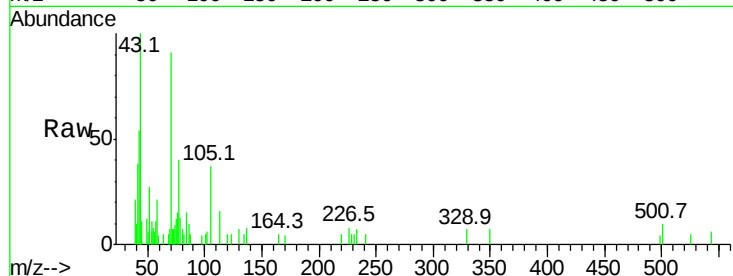
Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	5358
Ion	Ratio	Lower	Upper
70	100		
42	58.7	49.1	73.7
101	6.0	8.5	12.7#
130	7.2	13.4	20.0#



#20

3+4-Methylphenols

Concen: 0.980 ng

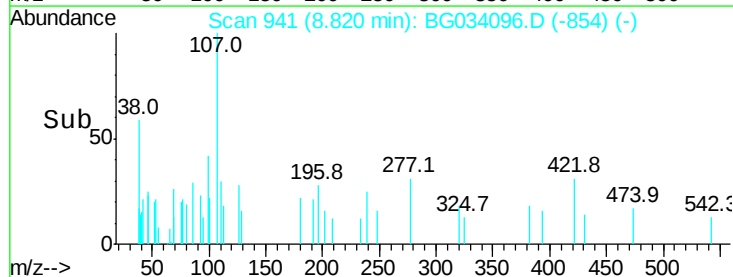
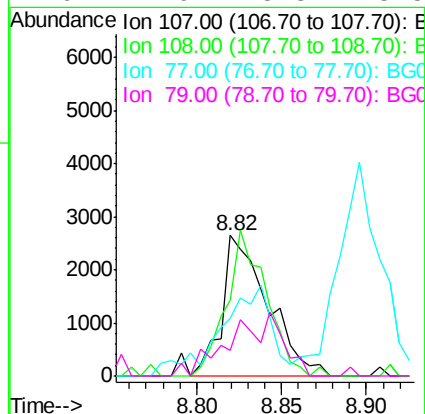
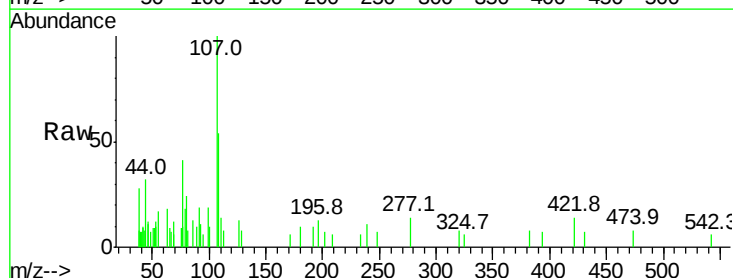
RT: 8.82 min Scan# 941

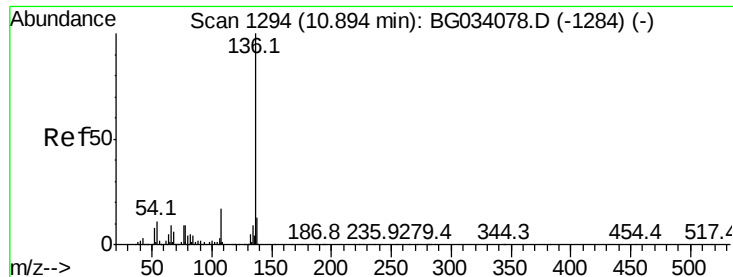
Delta R.T. -0.02 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:	107	Resp:	4988
Ion	Ratio	Lower	Upper
107	100		
108	53.8	61.6	101.6#
77	40.8	13.9	53.9
79	17.9	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034096.D

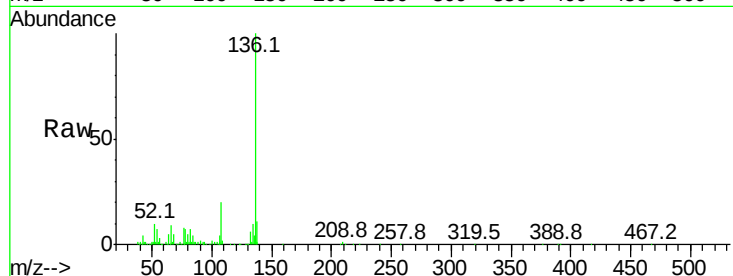
Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	231893
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	7.2	10.3 15.5#
68	4.8	4.5 6.7

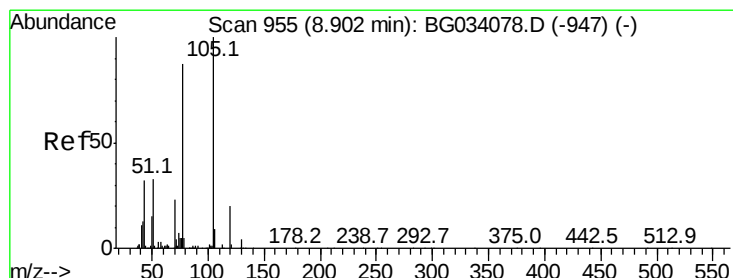
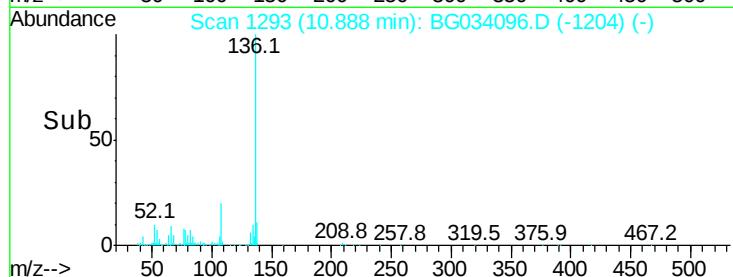
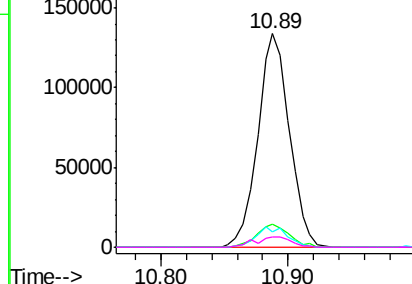


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 1.017 ng

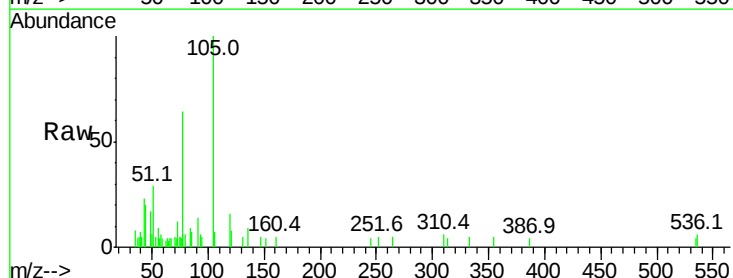
RT: 8.90 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:105	Resp:	8033
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	29.1	26.1 39.1
120	24.5	17.4 26.2

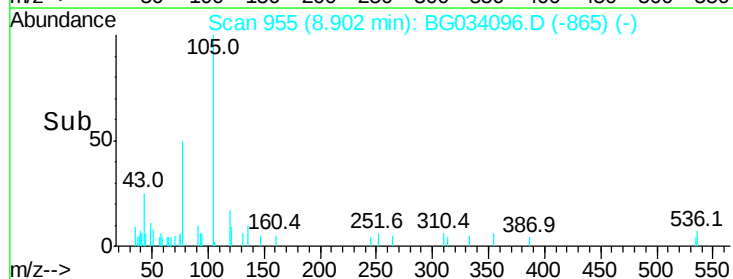
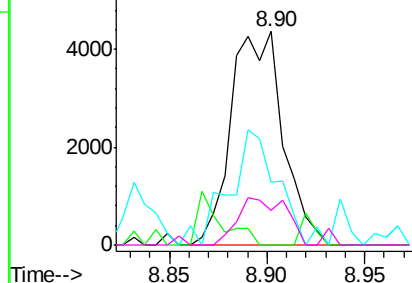


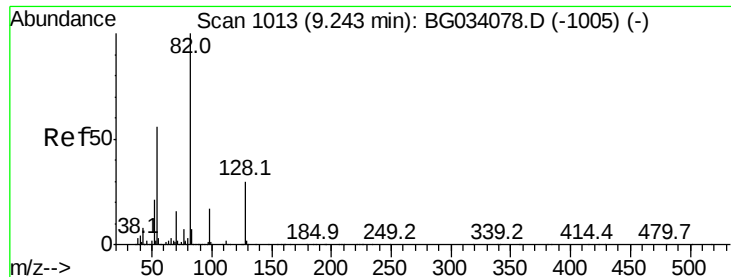
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

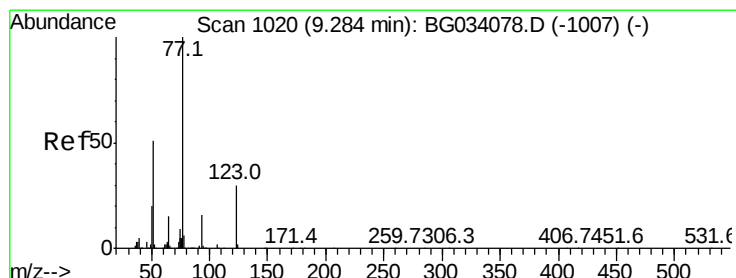
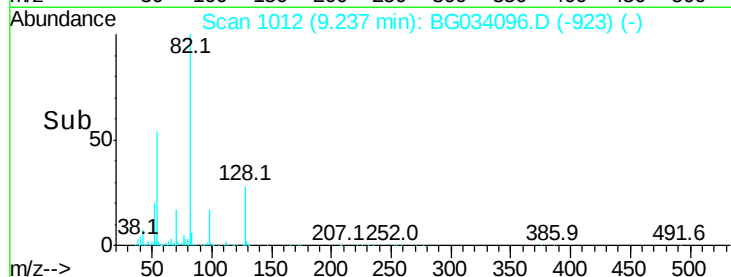
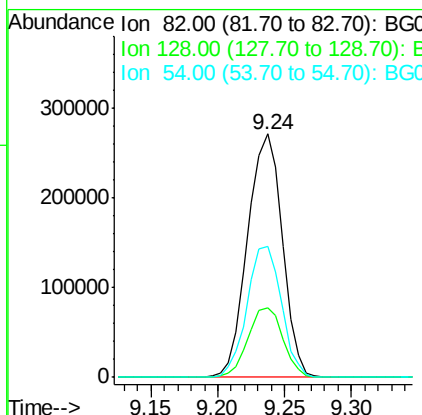
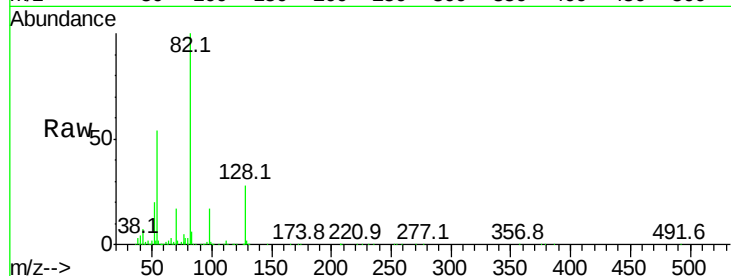




#23
Nitrobenzene-d5
Concen: 80.607 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

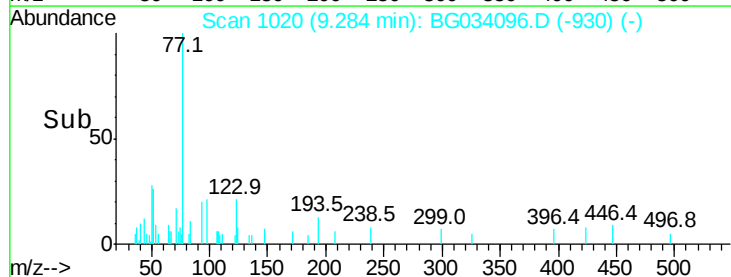
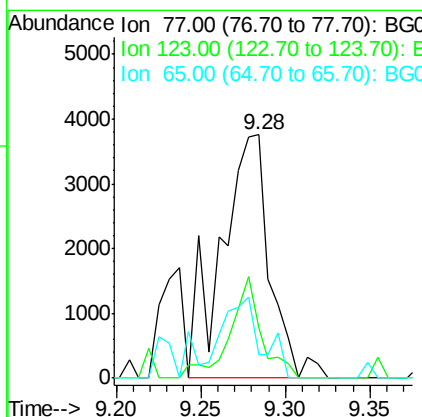
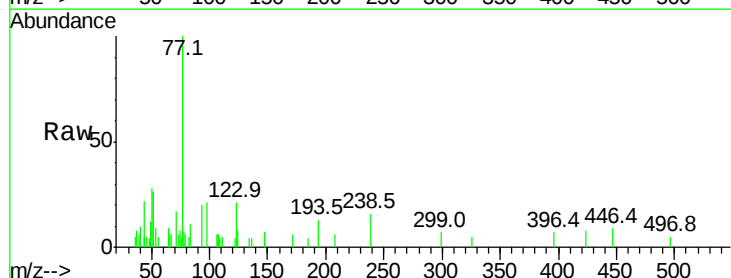
Instrument :
BNA_G
ClientSampleId :

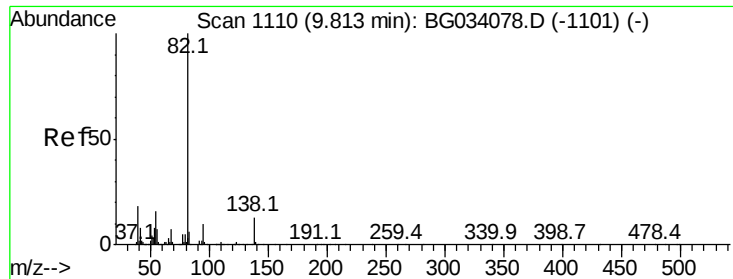
Tot Ion: 82 Resp: 487180
Ion Ratio Lower Upper
82 100
128 28.4 29.7 44.5#
54 53.7 43.1 64.7



#24
Nitrobenzene
Concen: 1.137 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

Tgt Ion: 77 Resp: 7520
Ion Ratio Lower Upper
77 100
123 20.6 33.0 49.6#
65 9.4 13.0 19.6#





#25

Isophorone

Concen: 0.950 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

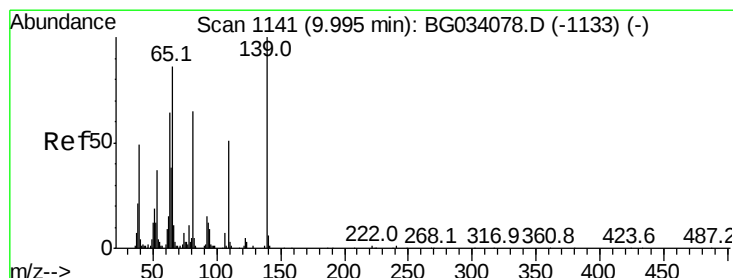
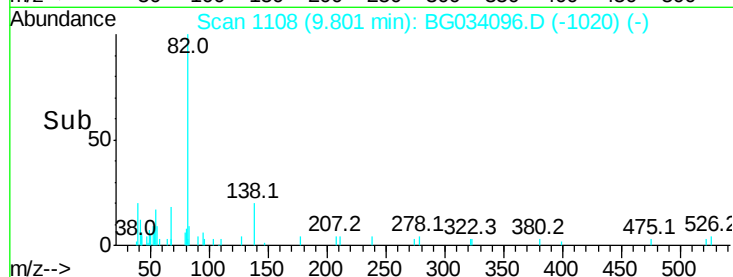
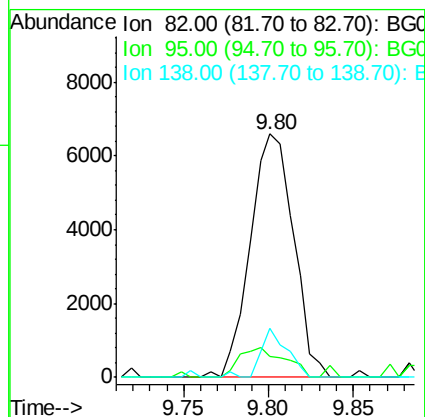
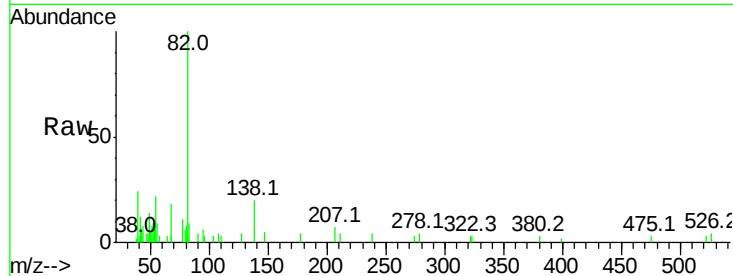
Tot Ion: 82 Resp: 11717

Ion Ratio Lower Upper

82 100

95 8.7 6.2 9.2

138 19.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 1.025 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

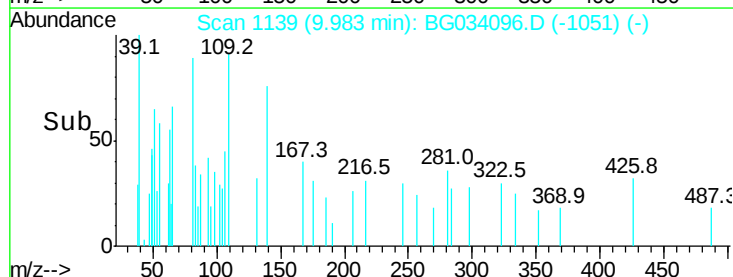
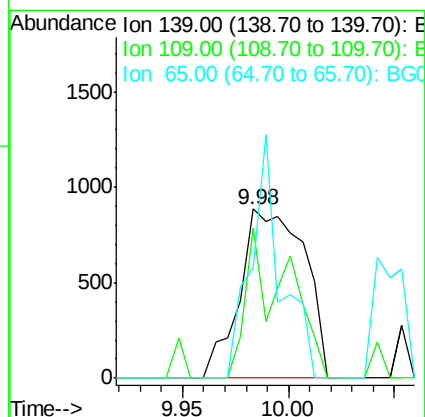
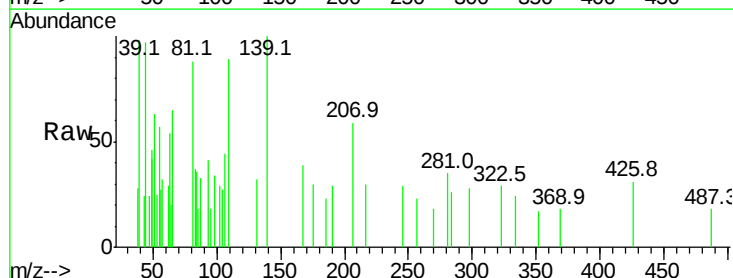
Tgt Ion: 139 Resp: 1878

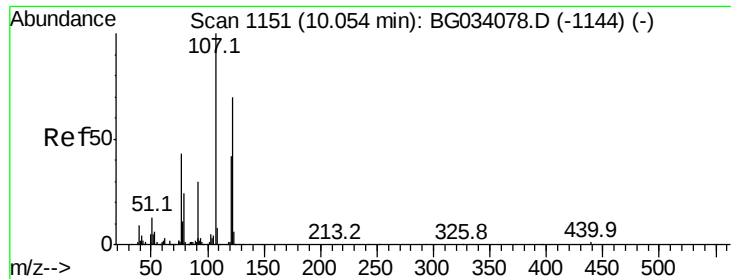
Ion Ratio Lower Upper

139 100

109 88.9 24.2 36.2#

65 65.2 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 1.098 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

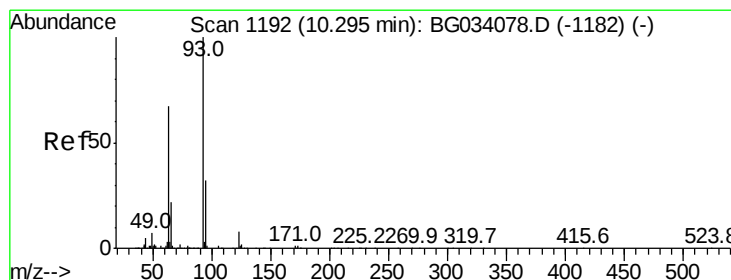
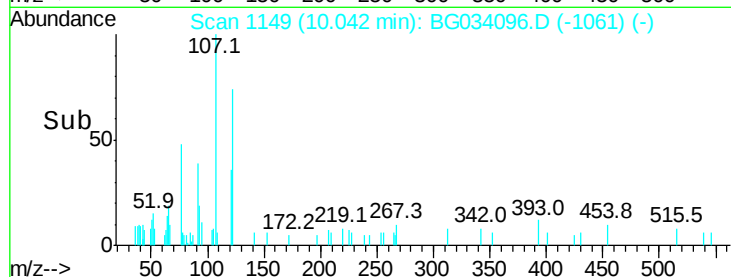
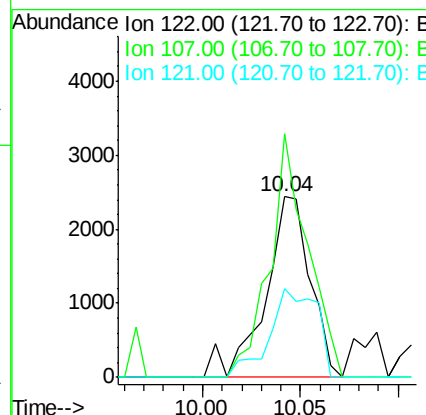
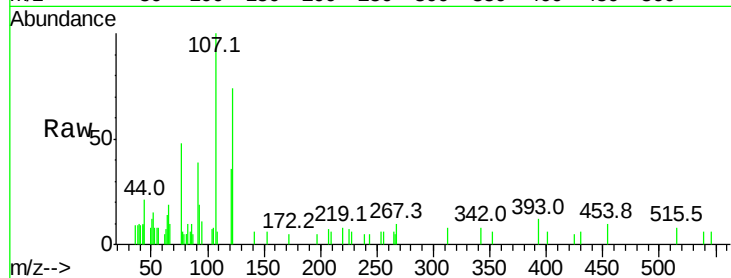
Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 3898

Ion	Ratio	Lower	Upper
122	100		
107	135.0	100.2	150.2
121	48.9	44.4	66.6



#28

bis(2-Chloroethoxy)methane

Concen: 1.034 ng

RT: 10.29 min Scan# 1191

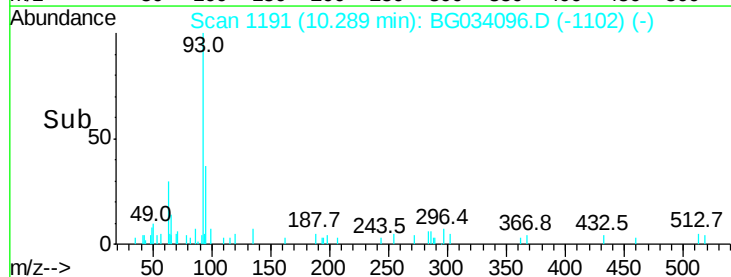
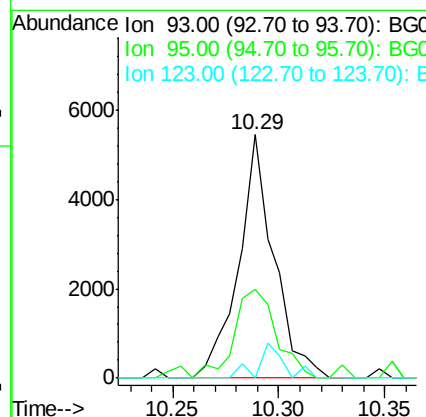
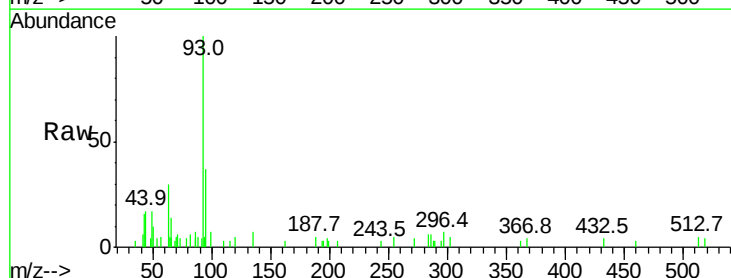
Delta R.T. -0.01 min

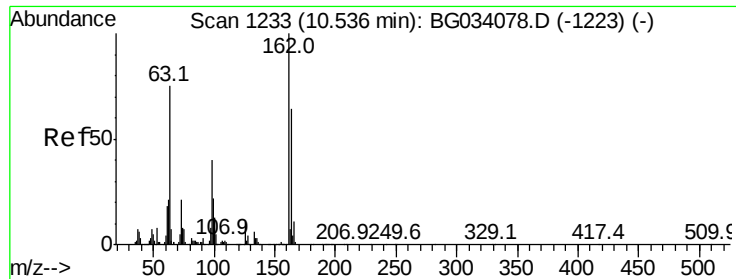
Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion: 93 Resp: 6264

Ion	Ratio	Lower	Upper
93	100		
95	36.6	24.3	36.5#
123	0.0	8.4	12.6#

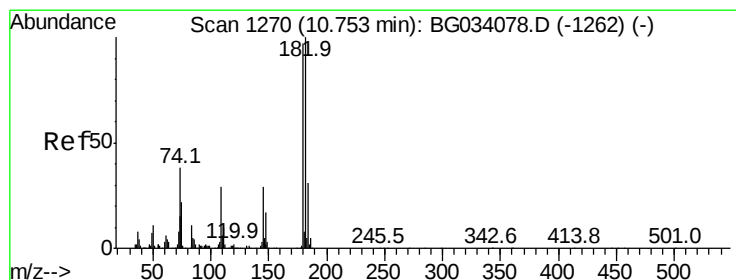
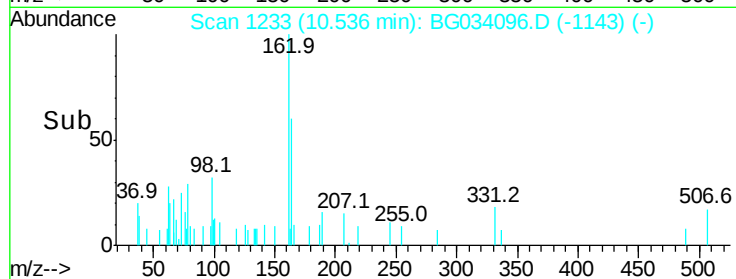
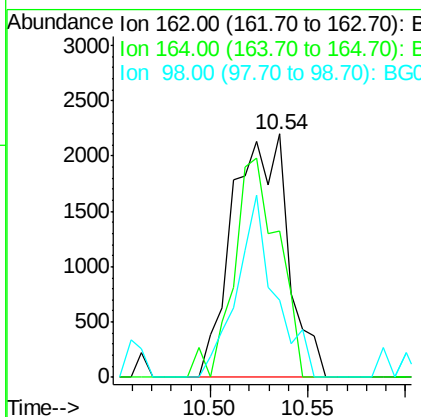
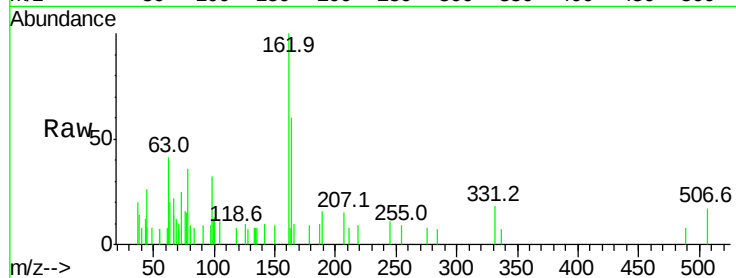




#29
 2,4-Dichlorophenol
 Concen: 1.017 ng
 RT: 10.54 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

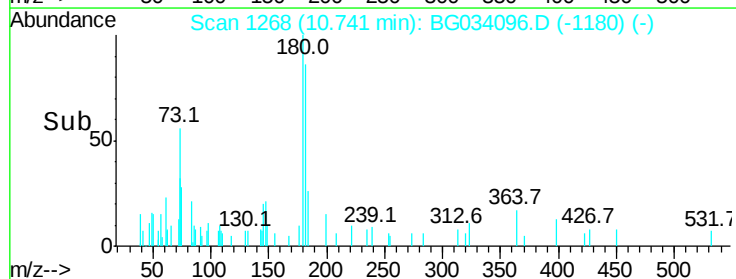
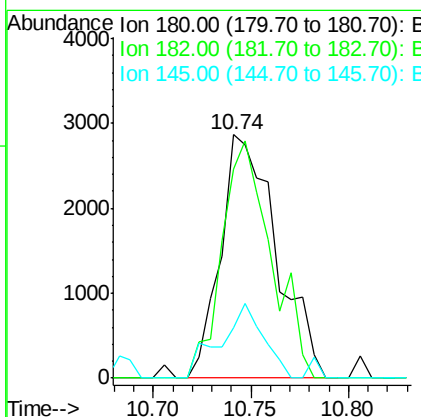
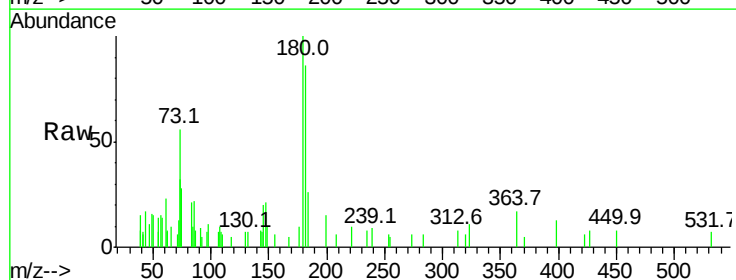
Instrument :
 BNA_G
 ClientSampleId :

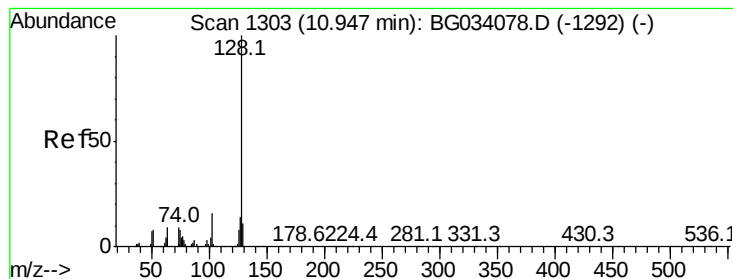
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.3	48.0	88.0
98	31.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 1.110 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.1	77.5	116.3
145	20.5	23.4	35.2





#31

Naphthalene

Concen: 1.114 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

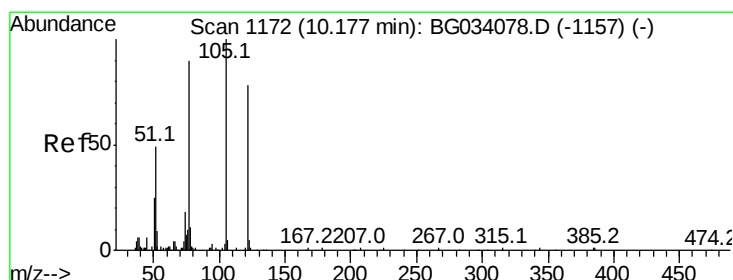
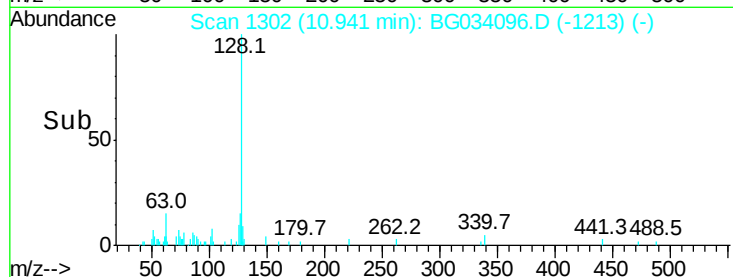
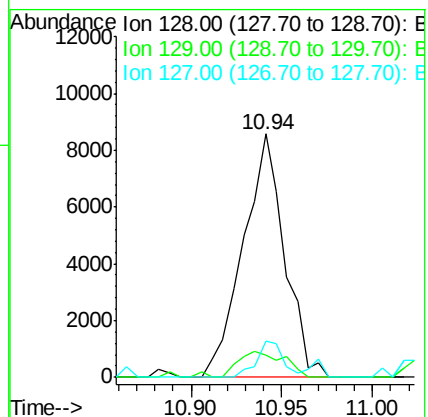
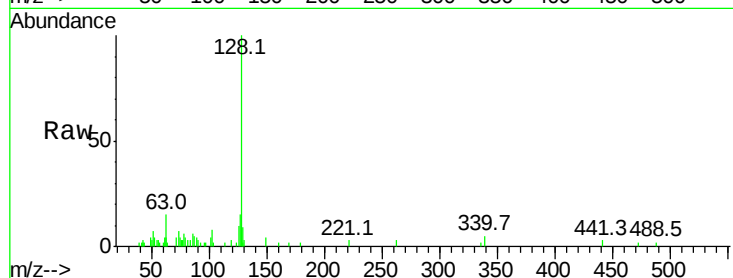
Tot Ion:128 Resp: 13573

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

127 15.0 11.6 17.4



#32

Benzoic acid

Concen: 3.163 ng

RT: 10.20 min Scan# 1176

Delta R.T. 0.02 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

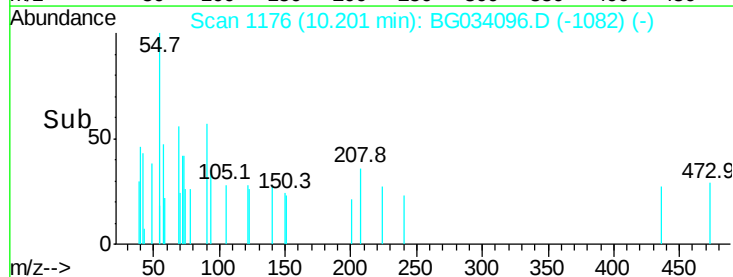
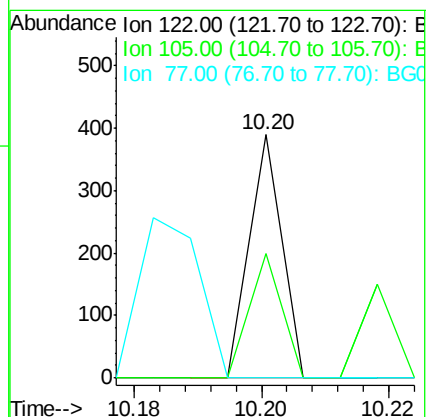
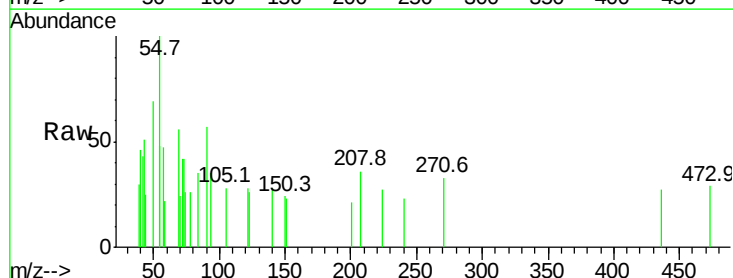
Tgt Ion:122 Resp: 137

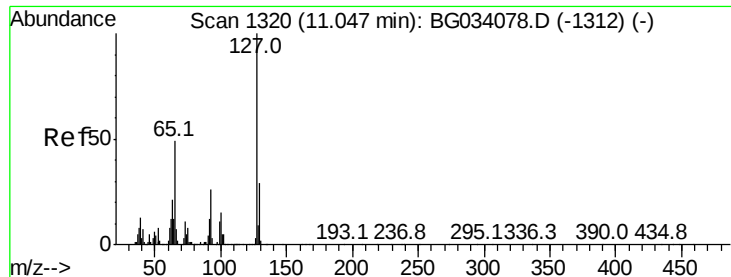
Ion Ratio Lower Upper

122 100

105 51.0 123.5 163.5#

77 0.0 85.7 125.7#

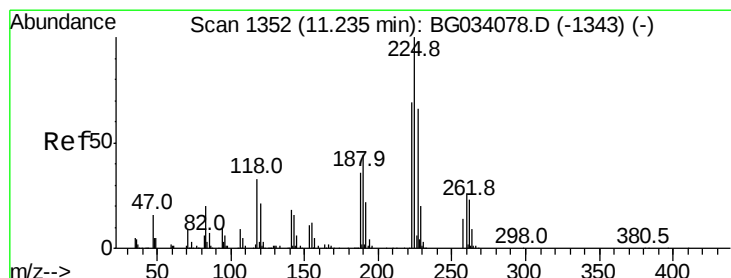
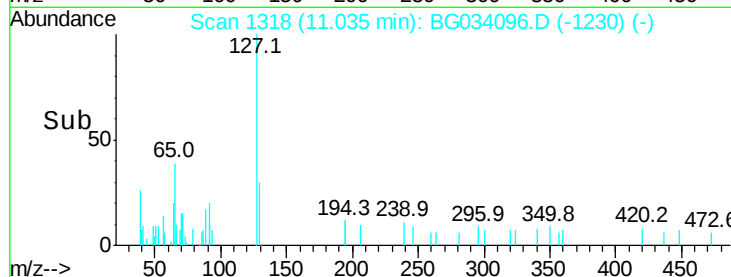
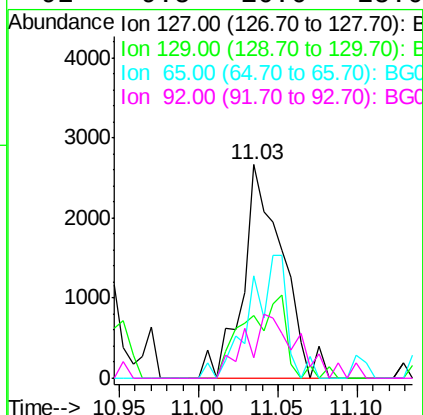
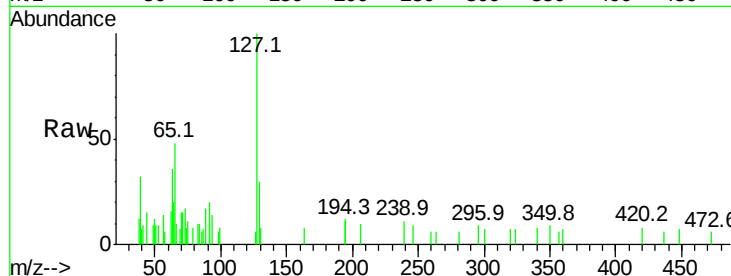




#33
4-Chloroaniline
Concen: 0.837 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

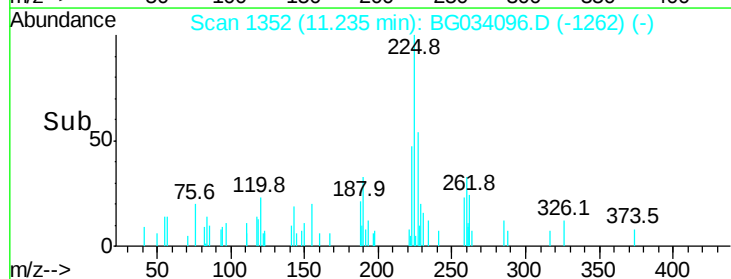
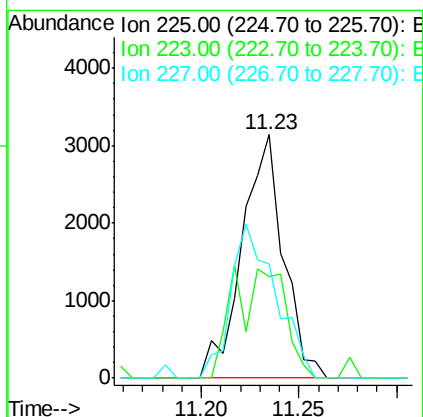
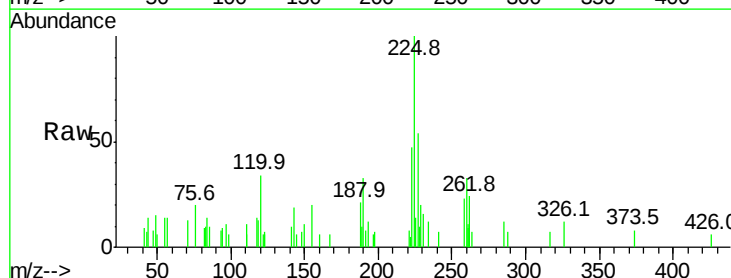
Instrument :
BNA_G
ClientSampleId :

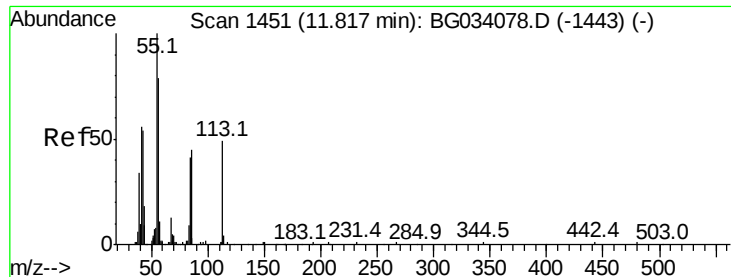
Tot Ion:	127	Resp:	4601
Ion	Ratio	Lower	Upper
127	100		
129	29.6	24.0	36.0
65	47.9	27.0	40.4#
92	9.5	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 1.068 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

Tgt Ion:	225	Resp:	4618
Ion	Ratio	Lower	Upper
225	100		
223	41.5	49.7	74.5#
227	55.5	48.1	72.1

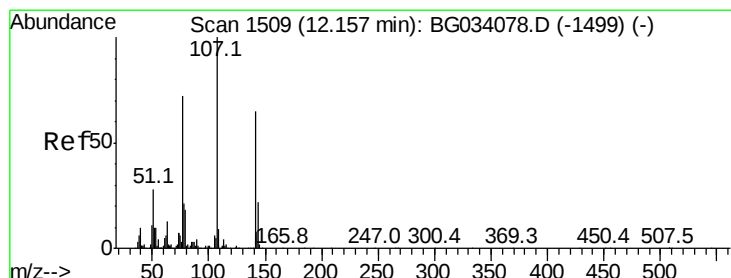
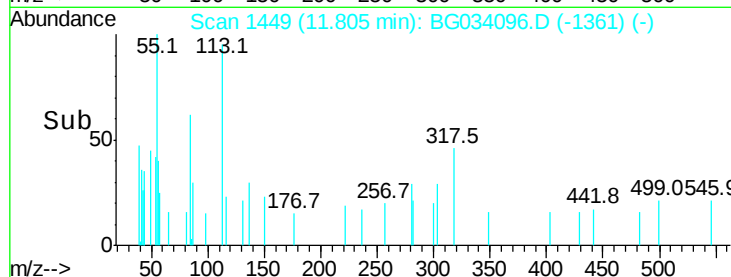
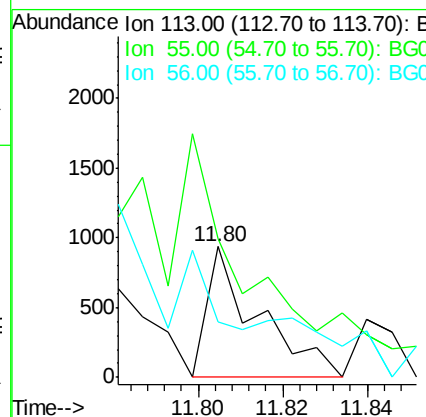
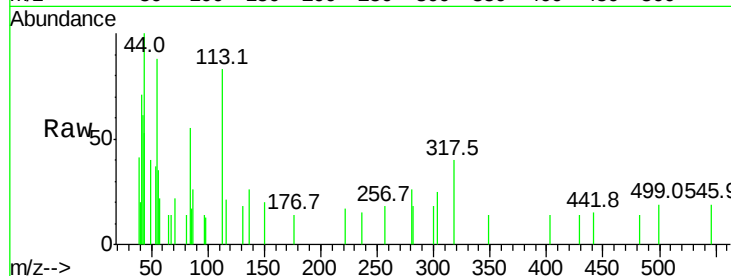




#35
 Caprolactam
 Concen: 0.511 ng
 RT: 11.80 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

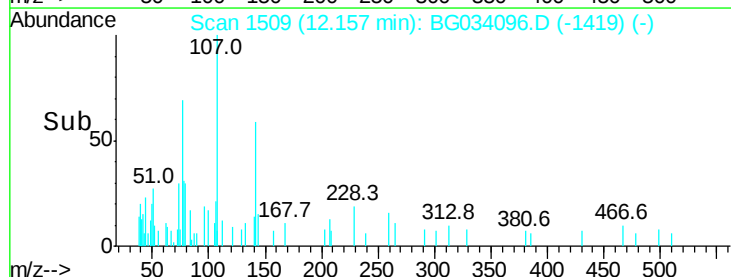
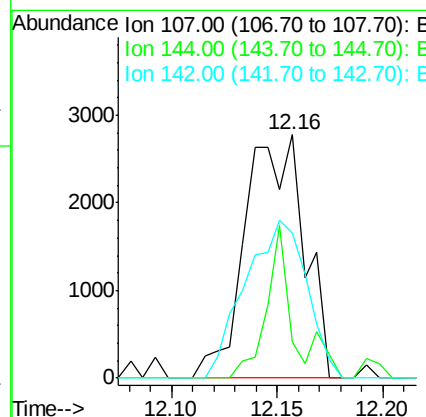
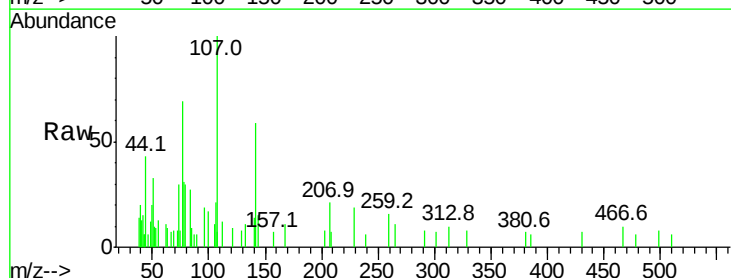
Instrument :
 BNA_G
 ClientSampled :

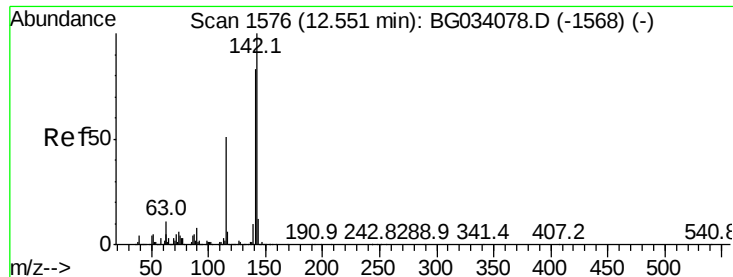
Tot Ion:113 Resp: 771
 Ion Ratio Lower Upper
 113 100
 55 105.8 186.9 226.9#
 56 42.8 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 0.976 ng
 RT: 12.16 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Tgt Ion:107 Resp: 5370
 Ion Ratio Lower Upper
 107 100
 144 15.0 18.2 27.4#
 142 59.4 59.0 88.4

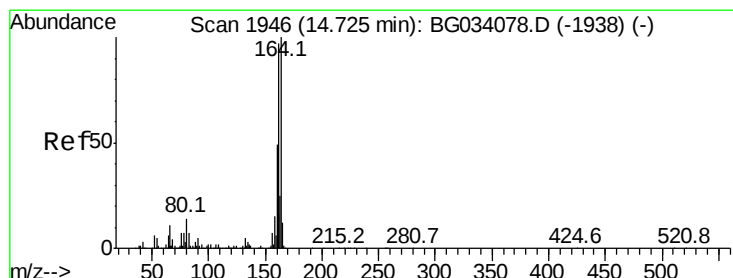
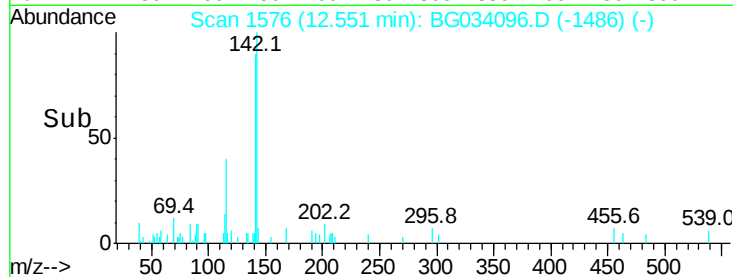
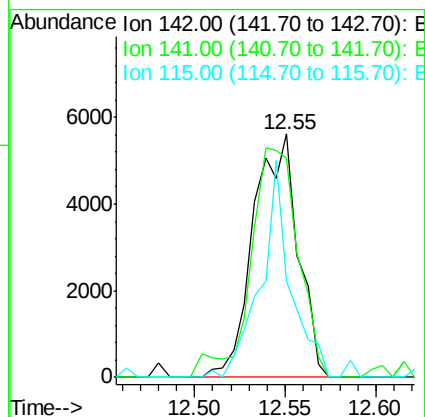
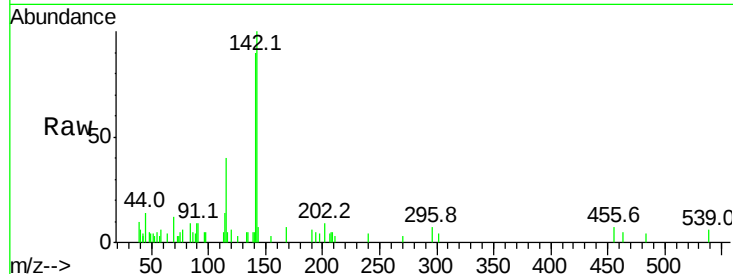




#37
2-Methylnaphthalene
Concen: 0.975 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

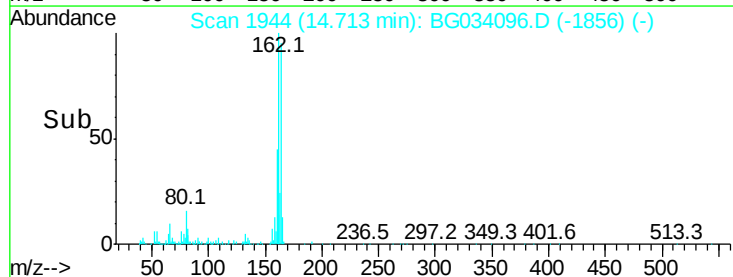
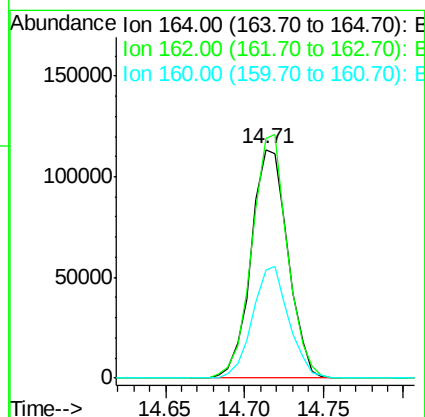
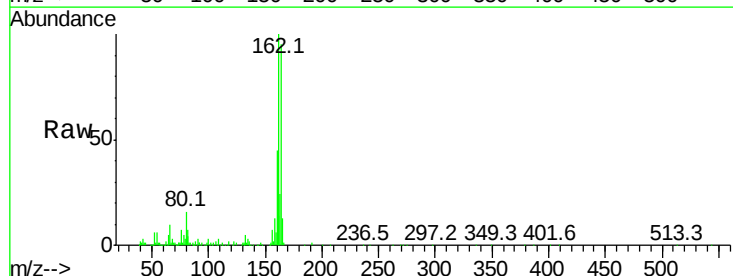
Instrument :
BNA_G
ClientSampleId :

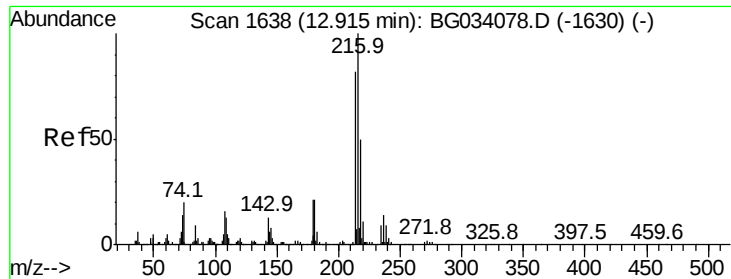
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	67.1	100.7
115	39.6	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	47.4	35.4	53.0

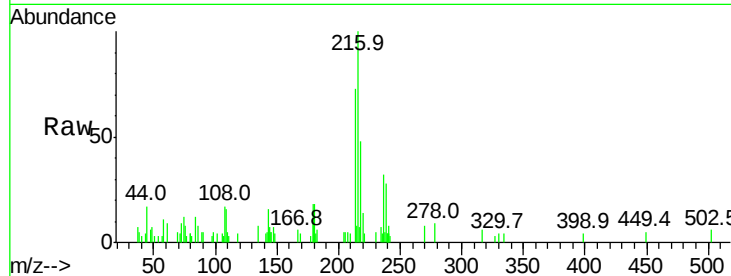




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.928 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	105.2	63.0	94.4#
179	21.8	17.0	25.6
108	17.5	12.8	19.2

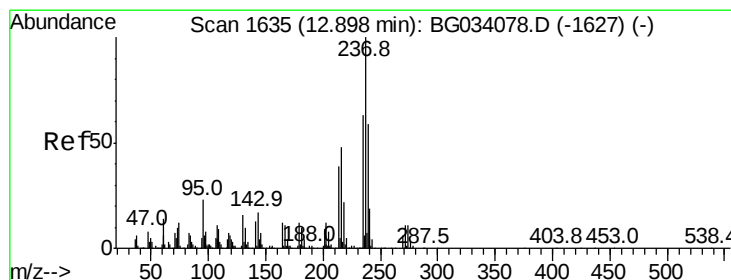
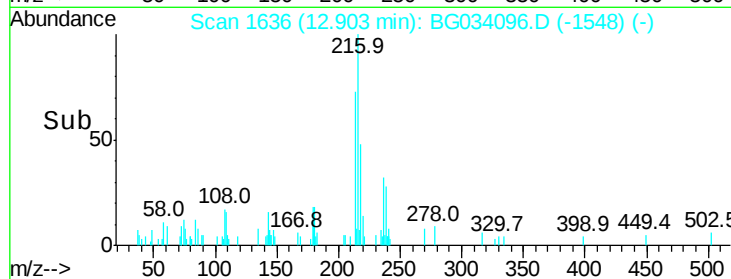
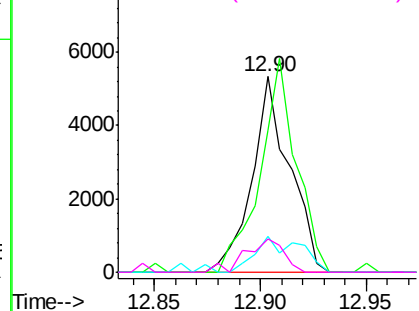


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

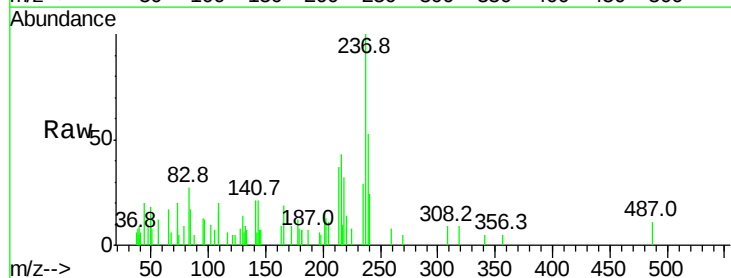
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 0.900 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

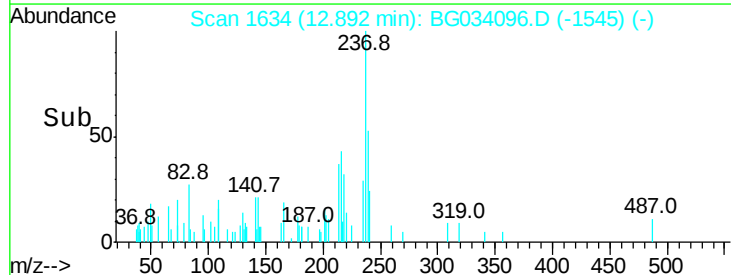
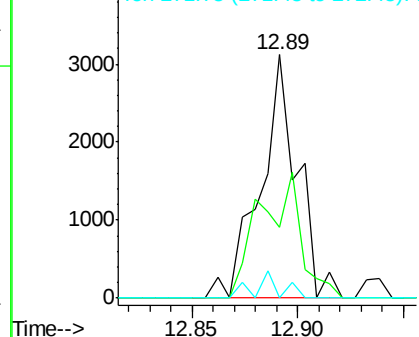
Tgt Ion	Ratio	Lower	Upper
237	100		
235	29.1	50.4	90.4#
272	0.0	0.0	31.8

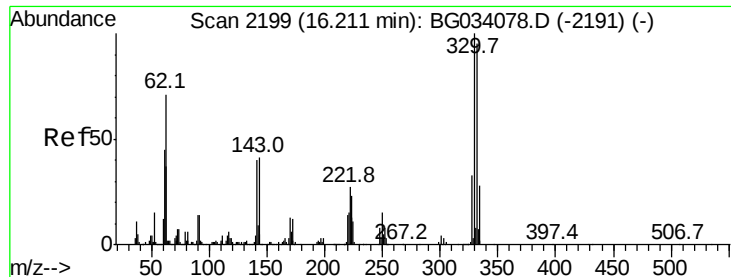


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

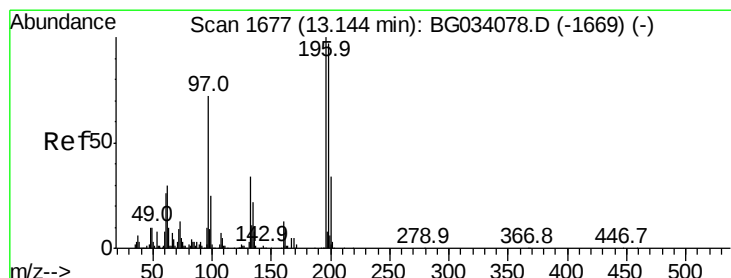
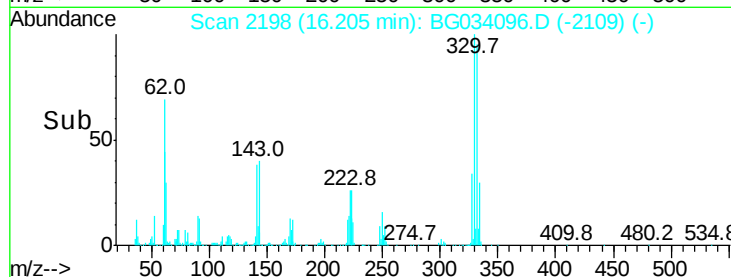
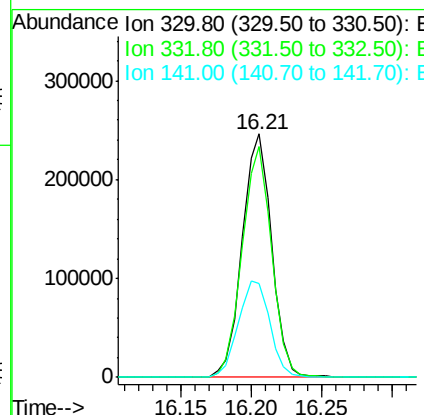
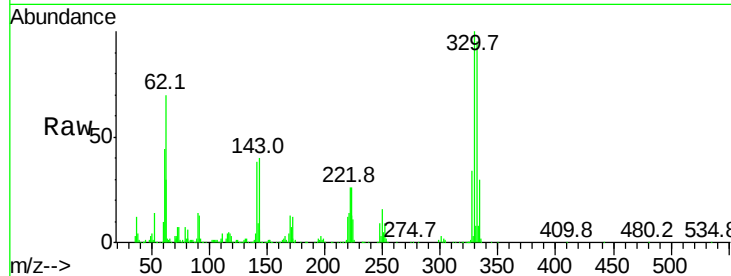




#41
 2,4,6-Tribromophenol
 Concen: 141.591 ng
 RT: 16.21 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

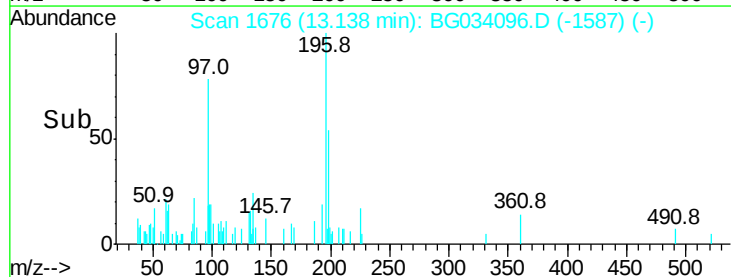
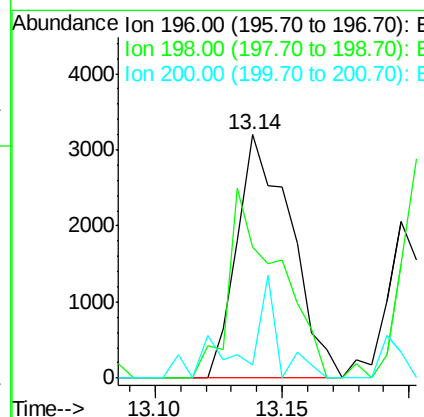
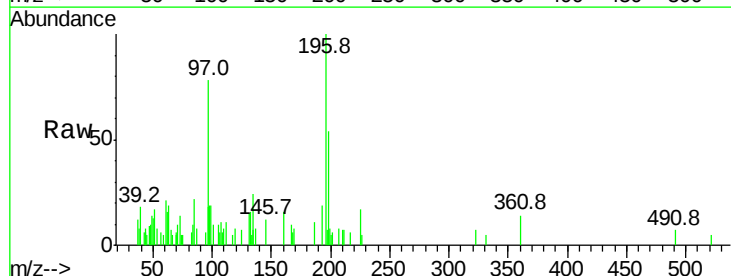
Instrument :
 BNA_G
 ClientSampleId :

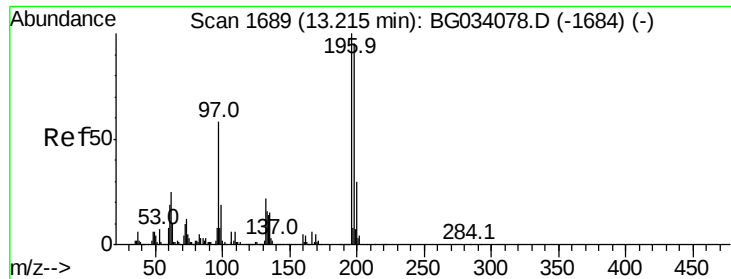
Tot Ion:330 Resp: 359183
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 42.7 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 1.150 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Tgt Ion:196 Resp: 4736
 Ion Ratio Lower Upper
 196 100
 198 53.8 78.2 117.2#
 200 5.2 24.6 36.8#

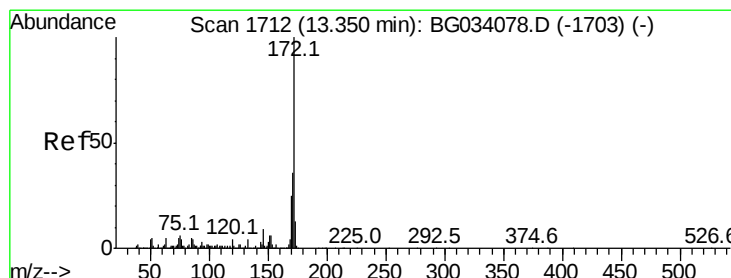
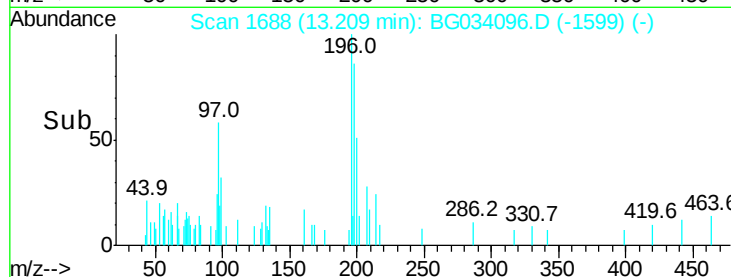
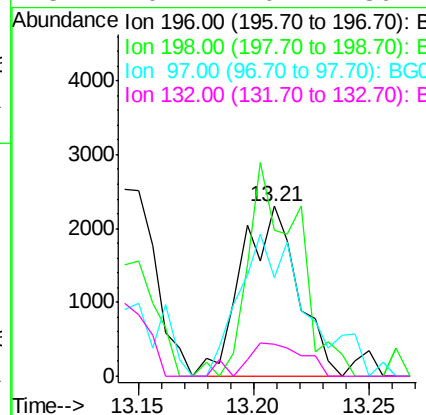
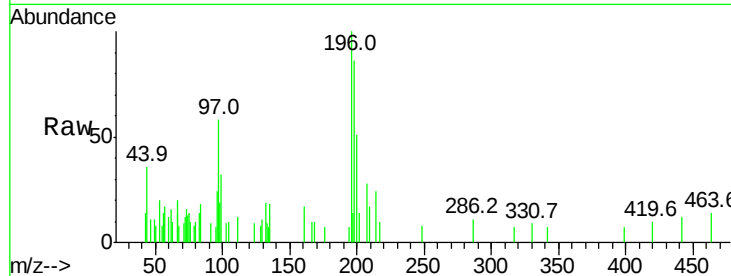




#43
 2,4,5-Trichlorophenol
 Concen: 0.855 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

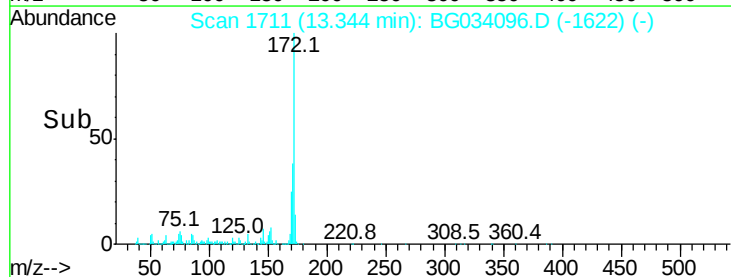
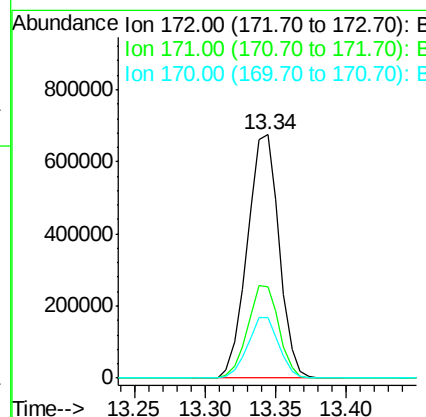
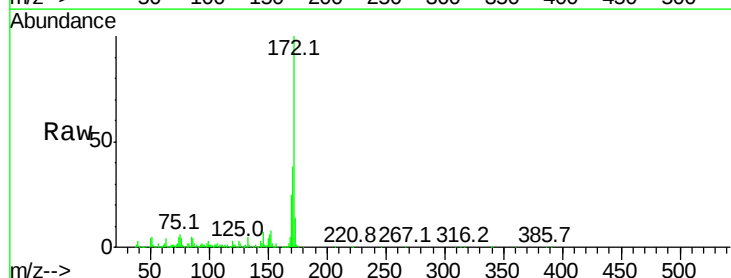
Instrument :
 BNA_G
 ClientSampleId :

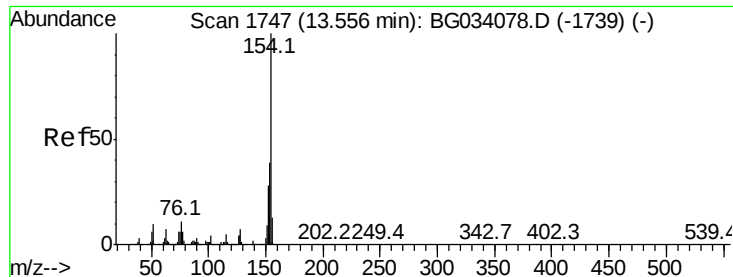
Tot Ion:196 Resp: 3895
 Ion Ratio Lower Upper
 196 100
 198 86.1 76.2 114.4
 97 57.8 38.7 58.1
 132 19.2 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 84.667 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Tgt Ion:172 Resp: 1064463
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 25.1 19.5 29.3





#45

1,1'-Biphenyl

Concen: 1.175 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

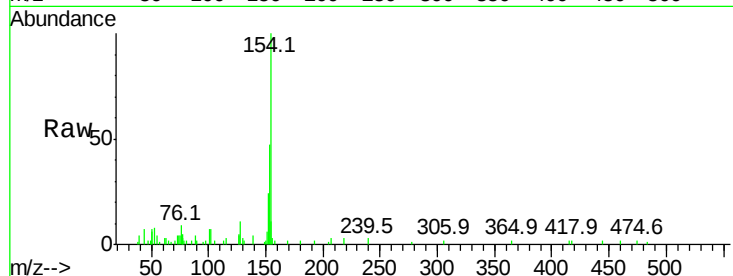
Tot Ion:154 Resp: 16820

Ion	Ratio	Lower	Upper
154	100		
153	46.6	19.8	59.8
76	9.2	0.0	31.9

154 100

153 46.6 19.8 59.8

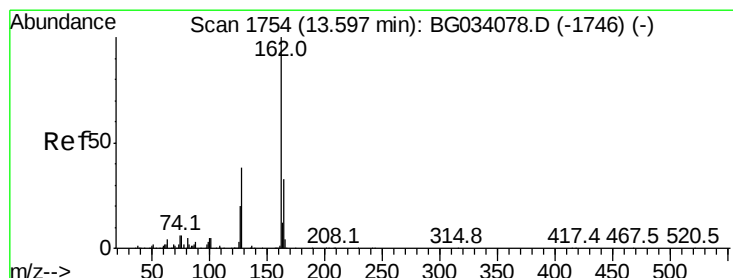
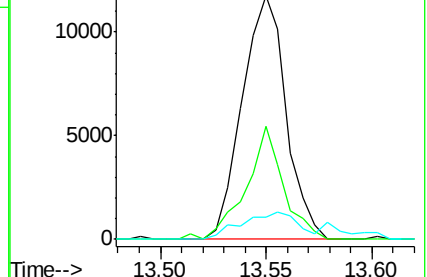
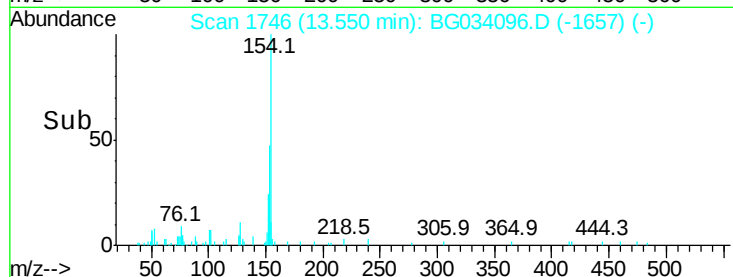
76 9.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 1.082 ng

RT: 13.58 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

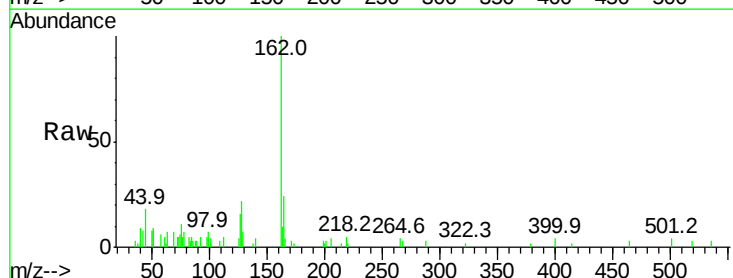
Tgt Ion:162 Resp: 11728

Ion	Ratio	Lower	Upper
162	100		
127	22.1	30.7	46.1#
164	24.4	26.0	39.0#

162 100

127 22.1 30.7 46.1#

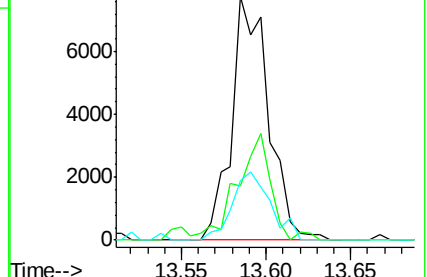
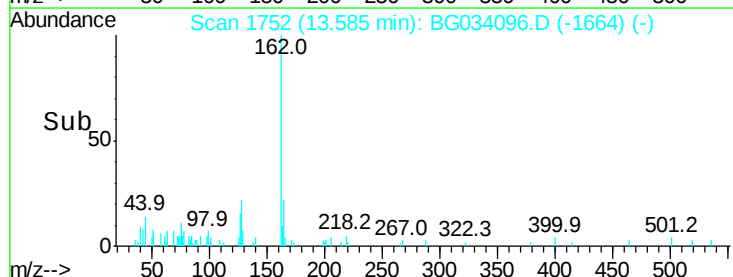
164 24.4 26.0 39.0#

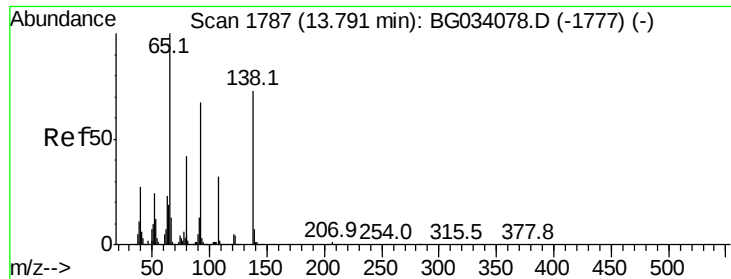


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.868 ng

RT: 13.78 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

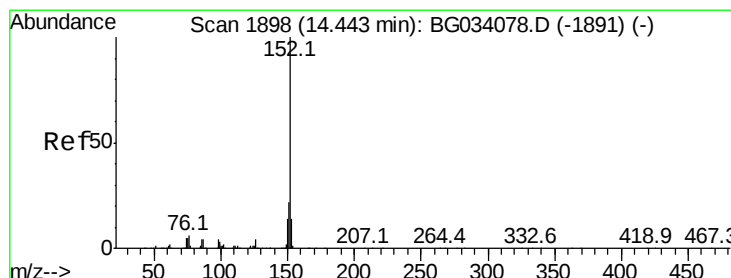
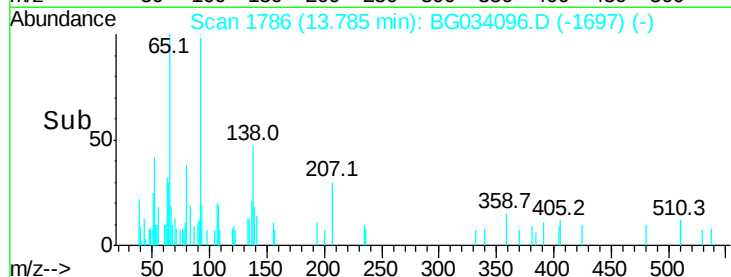
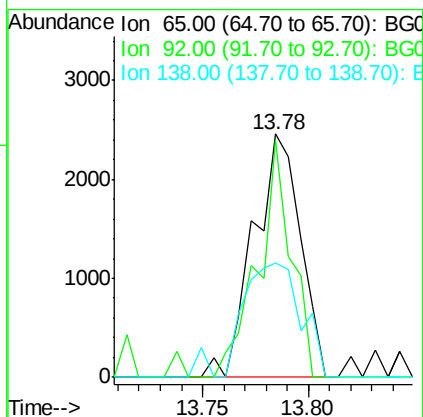
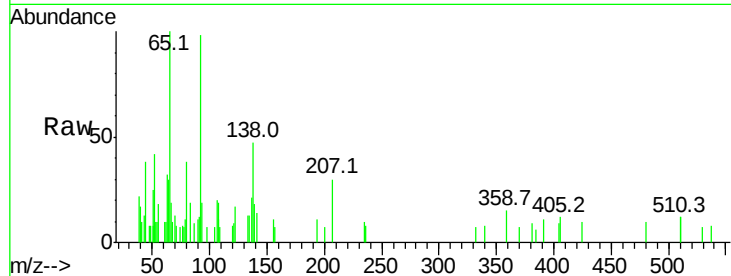
Tot Ion: 65 Resp: 3762

Ion Ratio Lower Upper

65 100

92 97.5 54.6 82.0#

138 47.2 72.9 109.3#



#48

Acenaphthylene

Concen: 0.999 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

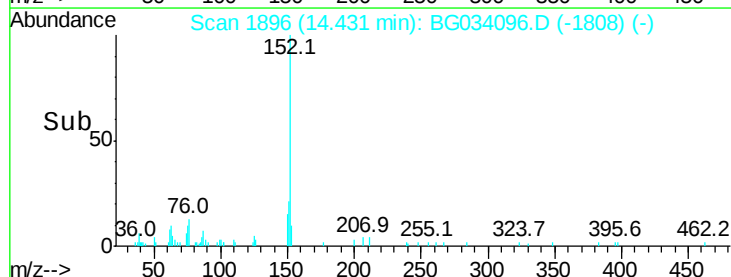
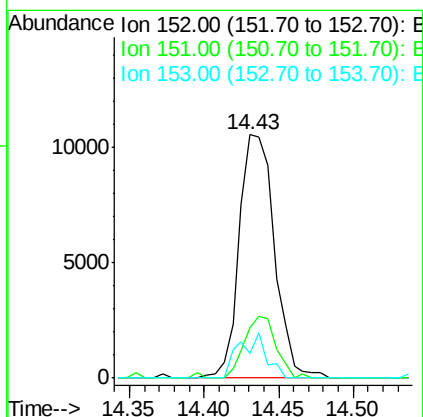
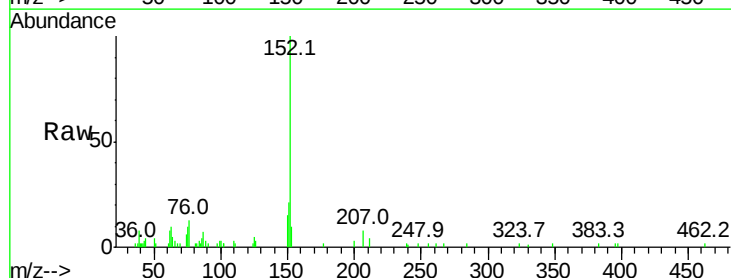
Tgt Ion: 152 Resp: 17290

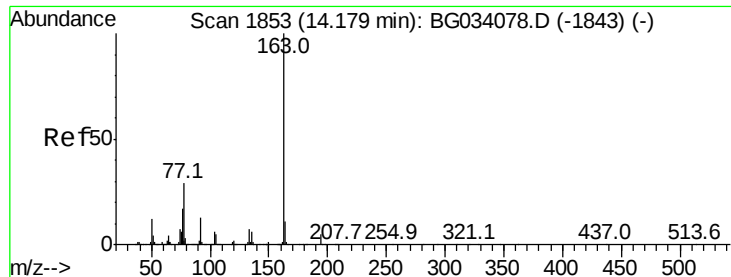
Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

153 9.9 10.2 15.4#





#49

Dimethylphthalate

Concen: 1.075 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

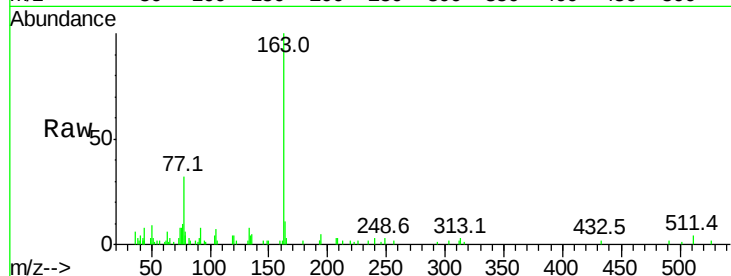
Tot Ion:163 Resp: 17082

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

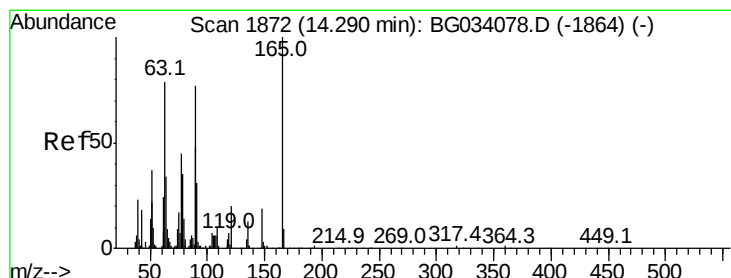
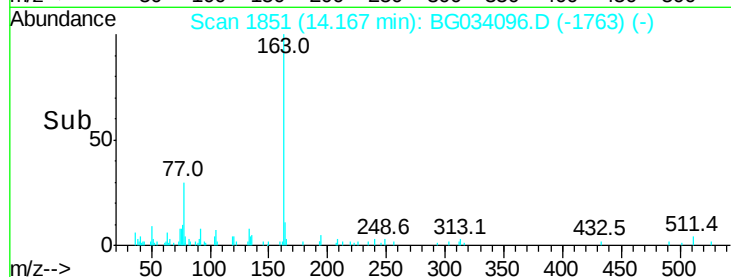
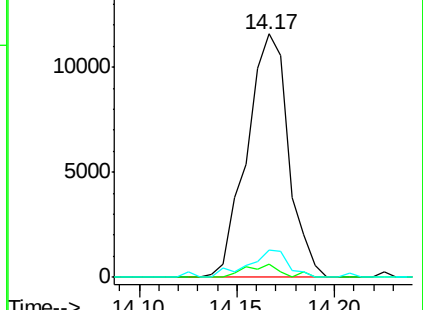
164 11.1 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 0.767 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

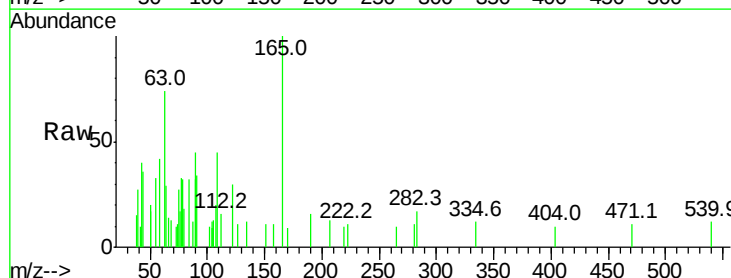
Tgt Ion:165 Resp: 2340

Ion Ratio Lower Upper

165 100

63 74.1 52.7 79.1

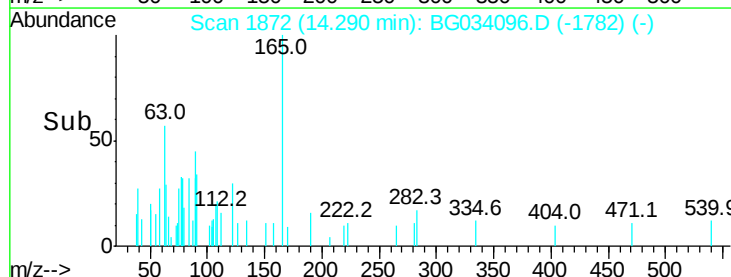
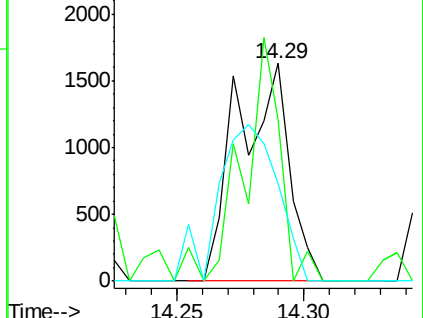
89 77.3 49.2 73.8#

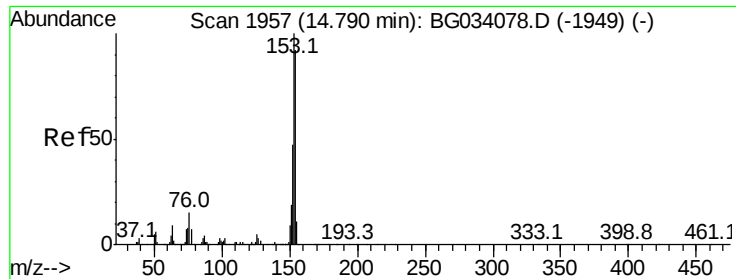


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.978 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG034096.D

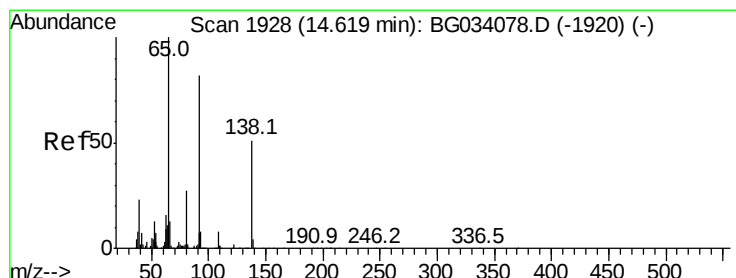
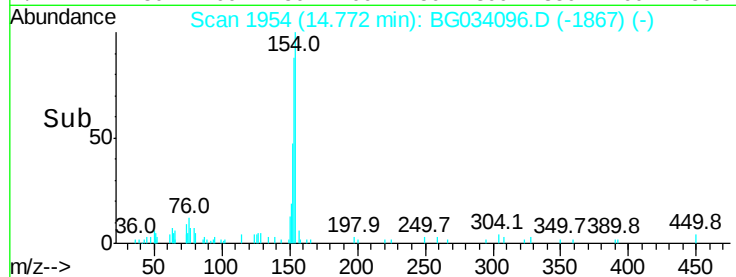
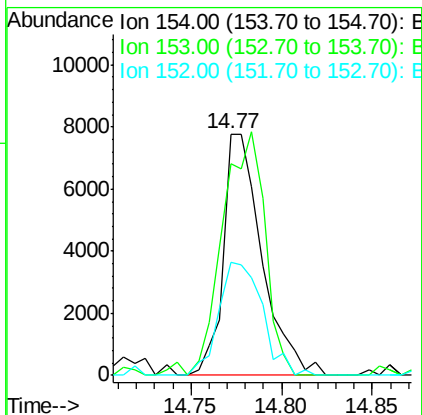
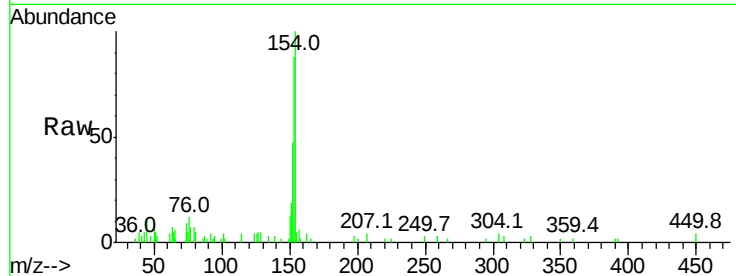
Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:154	Resp:	11502
Ion Ratio	Lower	Upper
154	100	
153	87.7	90.4 135.6#
152	47.1	41.6 62.4



#52

3-Nitroaniline

Concen: 0.771 ng

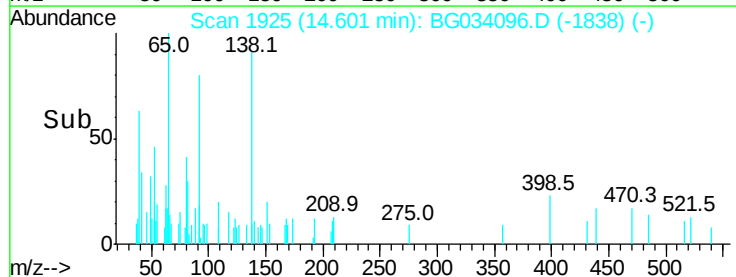
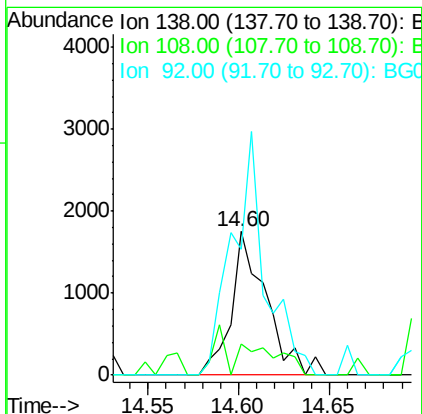
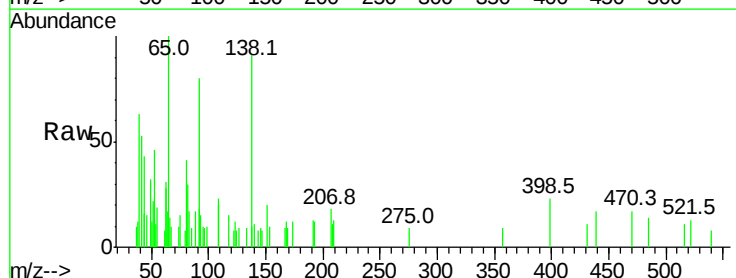
RT: 14.60 min Scan# 1925

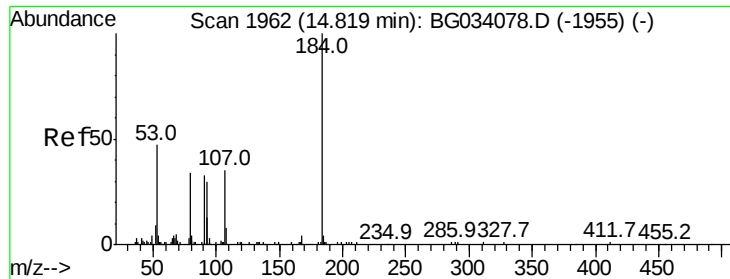
Delta R.T. -0.02 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:138	Resp:	2371
Ion Ratio	Lower	Upper
138	100	
108	21.7	17.5 26.3
92	87.6	105.8 158.8#





#53

2,4-Dinitrophenol

Concen: 1.284 ng

RT: 14.82 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampled :

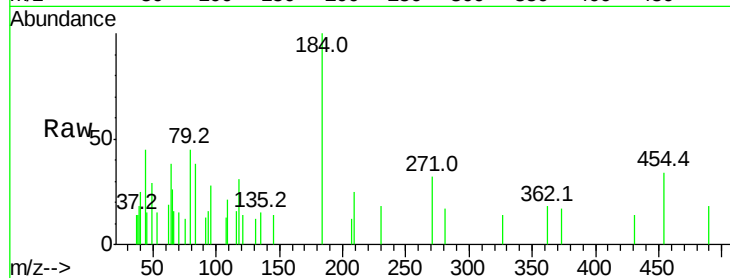
Tot Ion:184 Resp: 1532

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

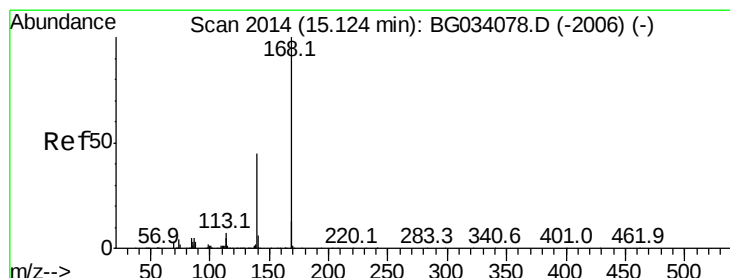
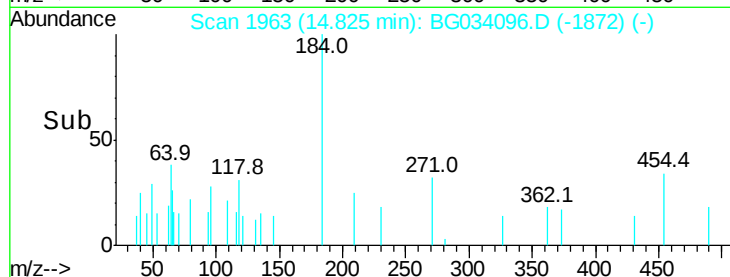
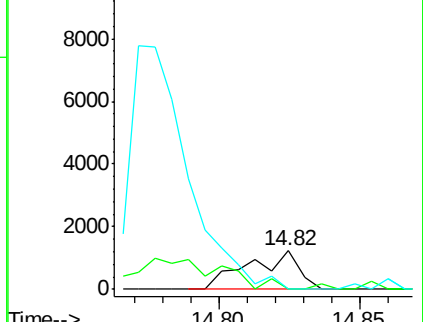
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.039 ng

RT: 15.11 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

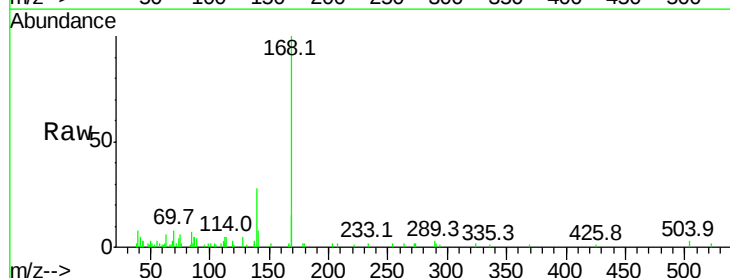
Tgt Ion:168 Resp: 17704

Ion Ratio Lower Upper

168 100

139 27.8 28.6 43.0#

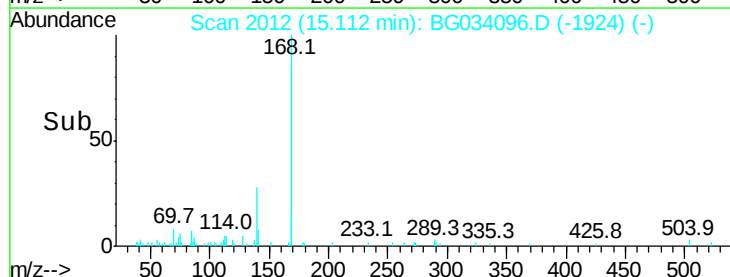
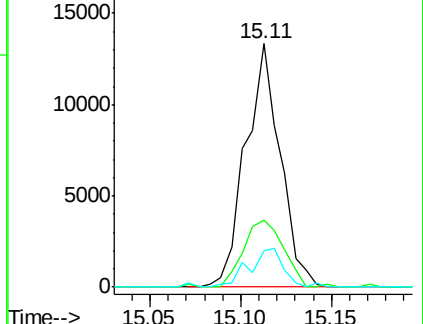
169 14.8 11.2 16.8

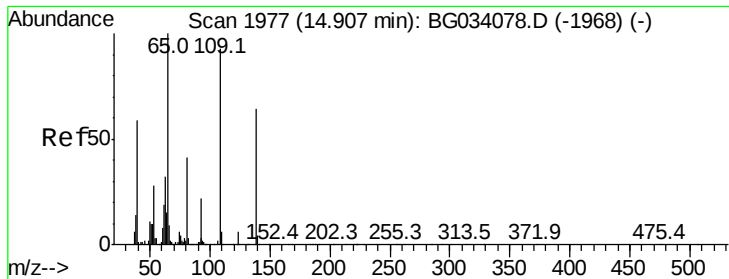


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.661 ng

RT: 14.90 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampled :

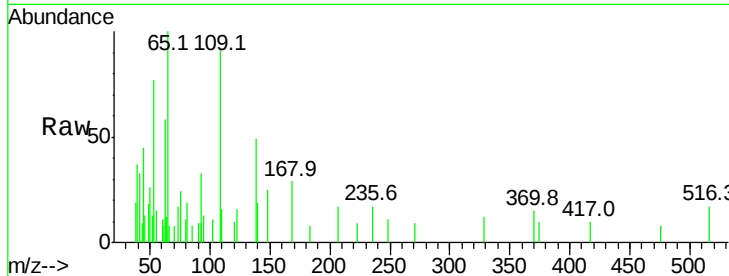
Tot Ion:139 Resp: 1551

Ion Ratio Lower Upper

139 100

109 187.1 62.2 102.2#

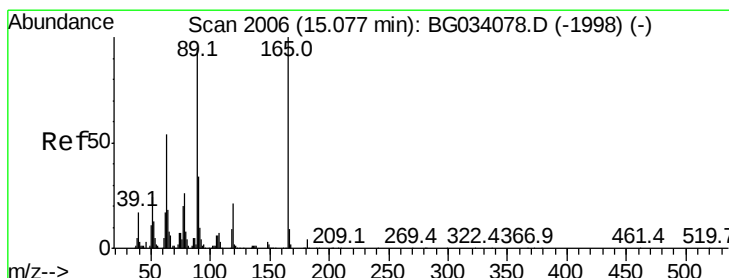
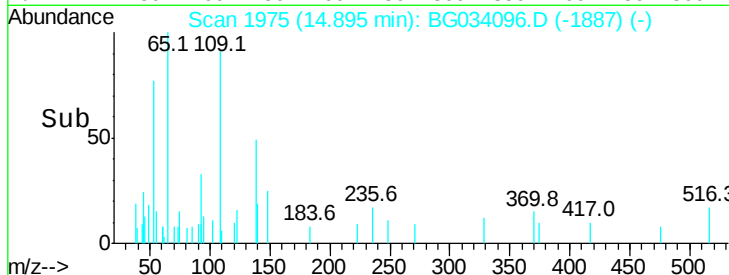
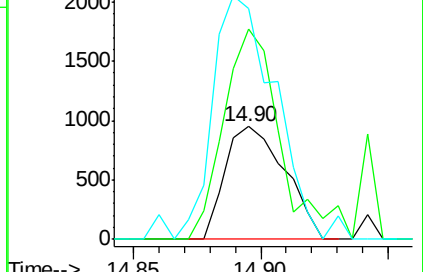
65 205.4 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 0.786 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:165 Resp: 3257

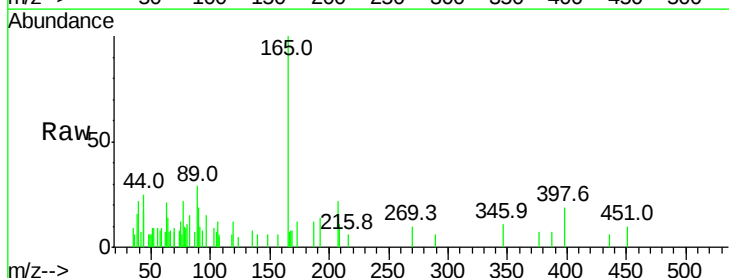
Ion Ratio Lower Upper

165 100

63 21.4 42.0 63.0#

89 28.7 66.9 100.3#

182 0.0 2.6 3.8#

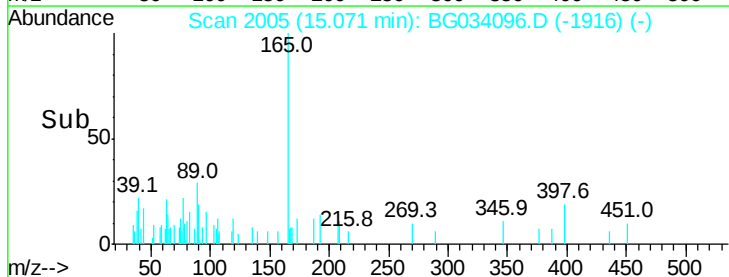
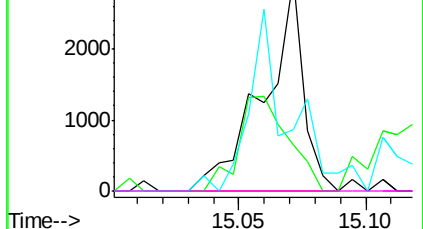


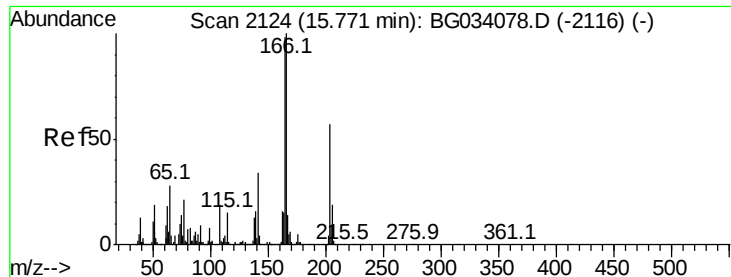
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 1.039 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

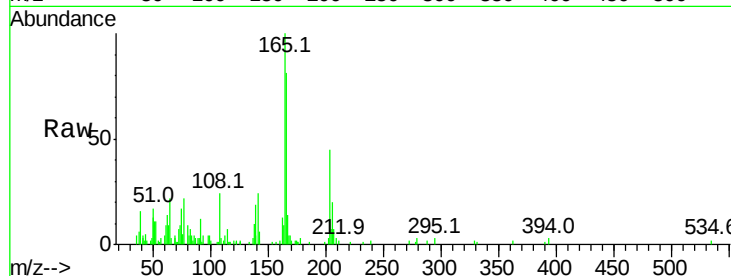
Tot Ion:166 Resp: 15435

Ion Ratio Lower Upper

166 100

165 123.4 80.6 121.0#

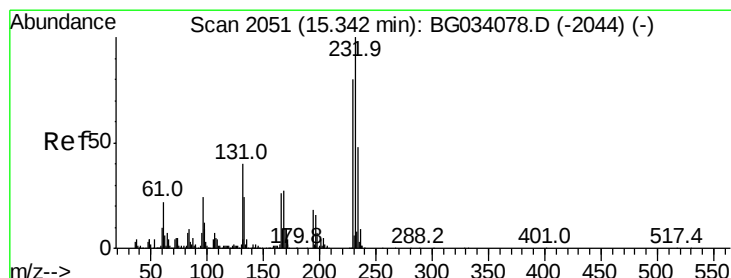
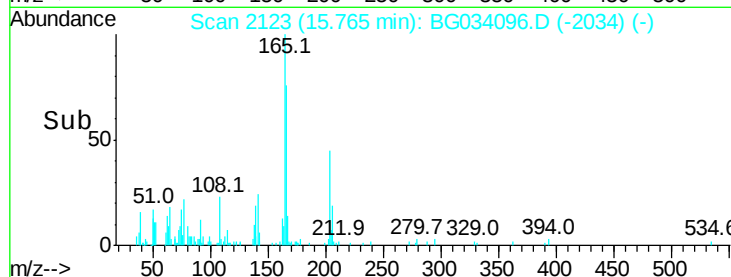
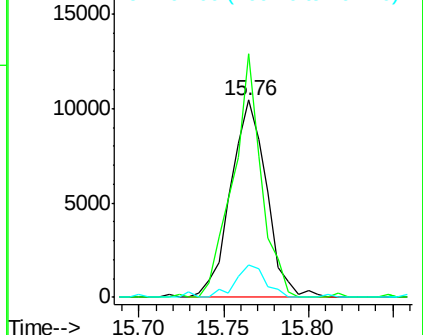
167 16.7 10.4 15.6#



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.974 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:232 Resp: 4587

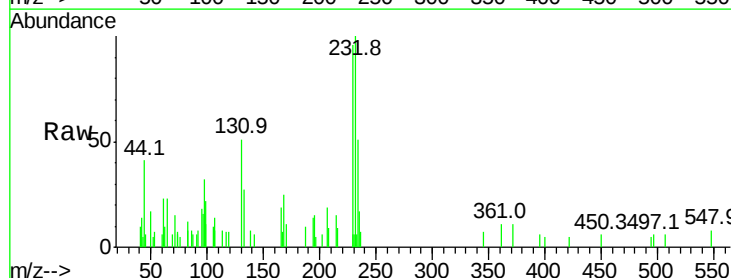
Ion Ratio Lower Upper

232 100

131 46.4 33.5 50.3

130 2.7 2.2 3.2

166 20.2 24.8 37.2#

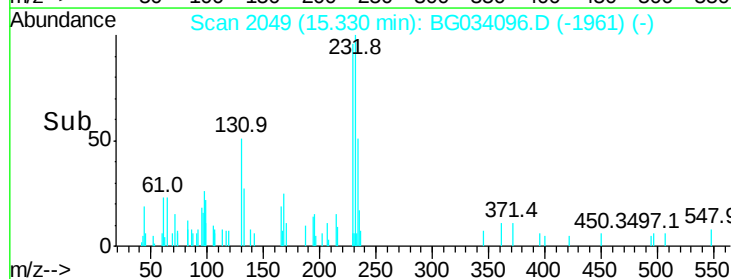
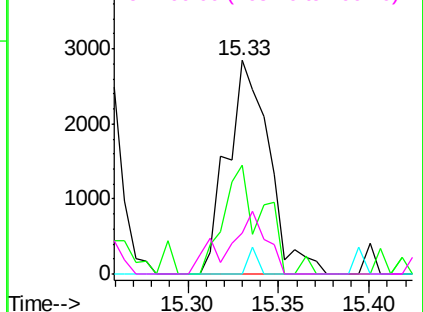


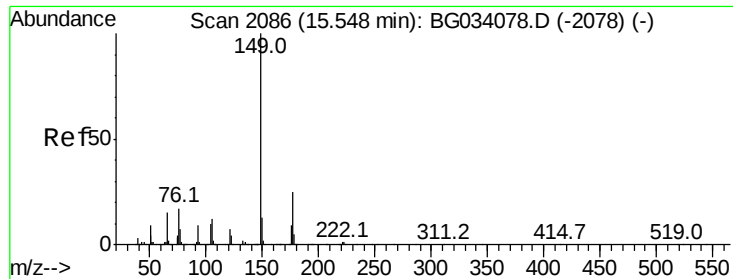
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

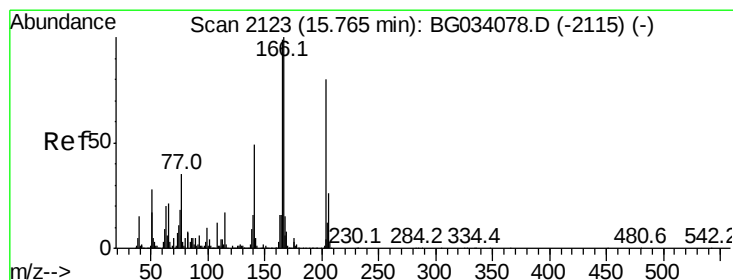
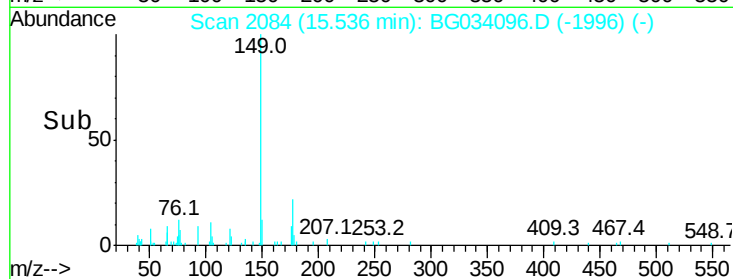
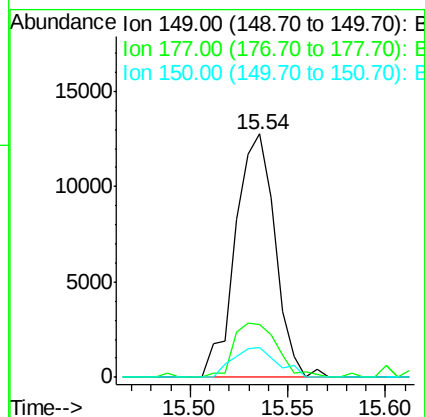
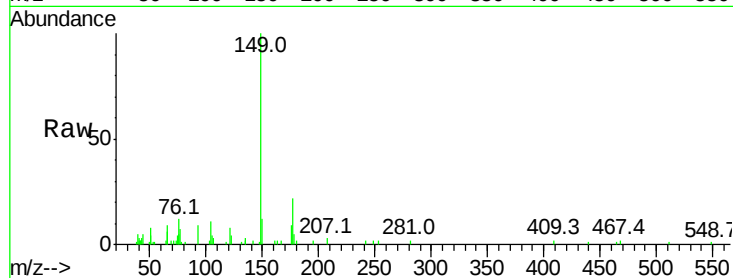




#59
Diethylphthalate
Concen: 1.066 ng
RT: 15.54 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

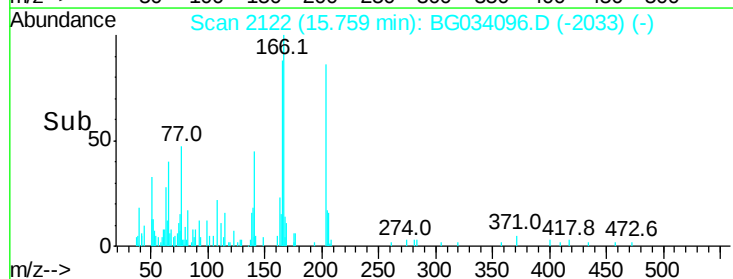
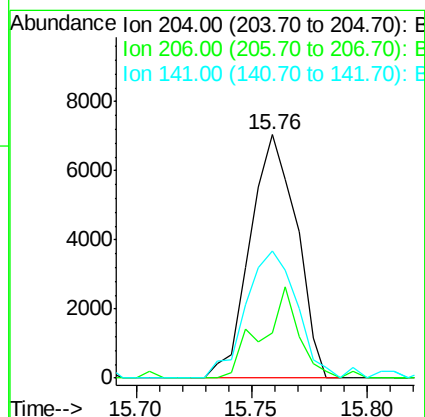
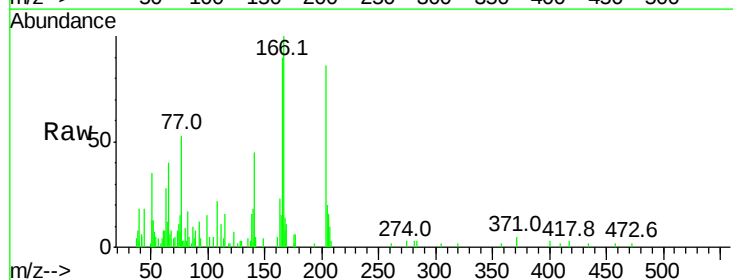
Instrument :
BNA_G
ClientSampleId :

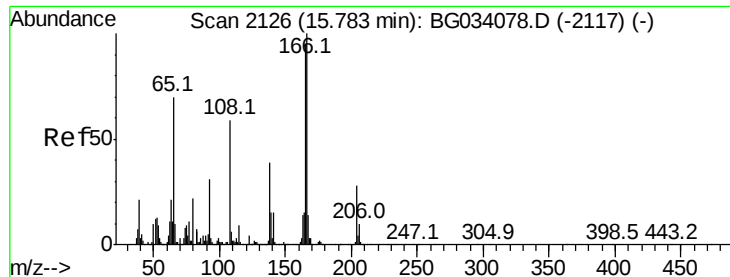
Tot Ion:149 Resp: 17916
Ion Ratio Lower Upper
149 100
177 21.7 18.5 27.7
150 12.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 1.120 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

Tgt Ion:204 Resp: 9895
Ion Ratio Lower Upper
204 100
206 18.4 26.2 39.2#
141 52.0 45.8 68.6

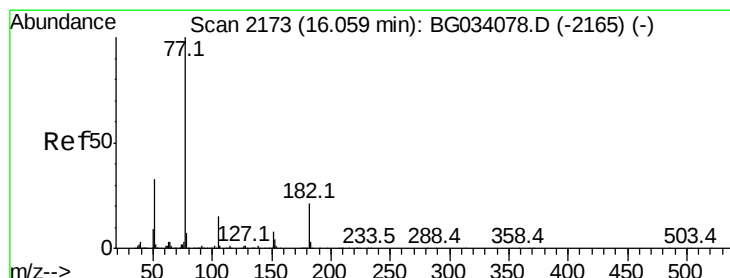
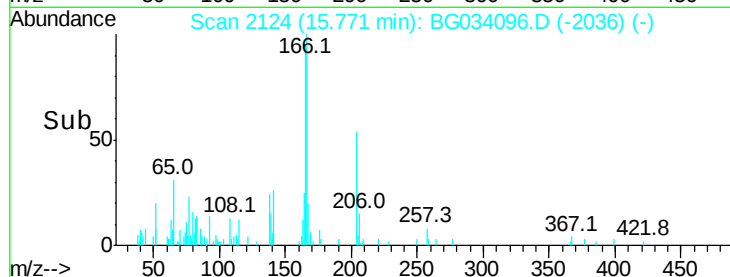
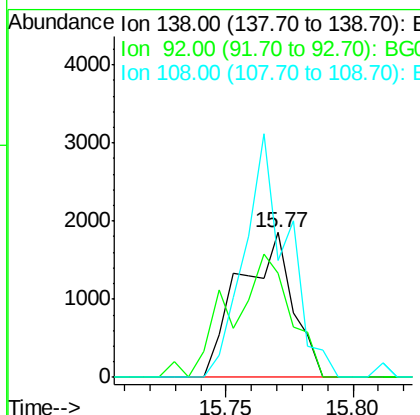
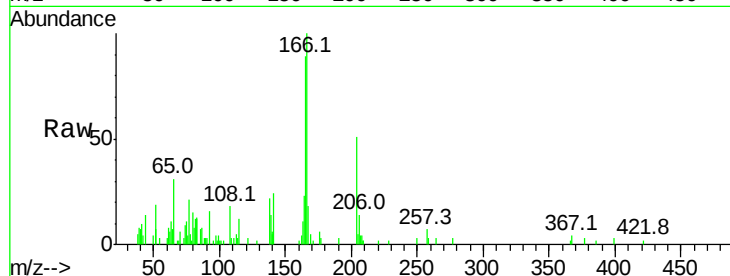




#61
4-Nitroaniline
Concen: 0.831 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

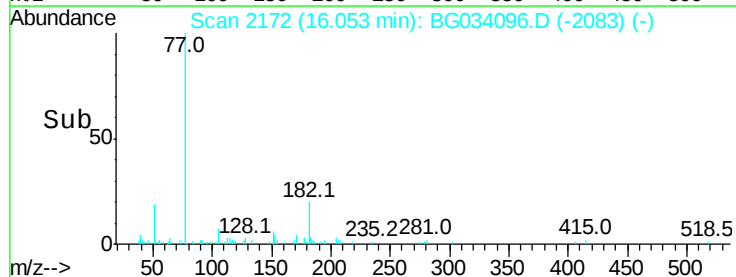
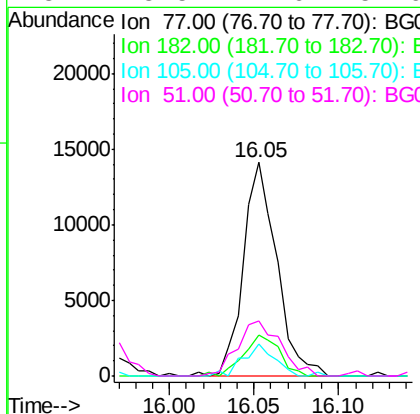
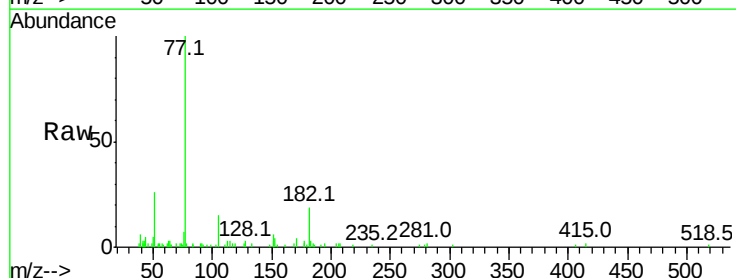
Instrument :
BNA_G
ClientSampleId :

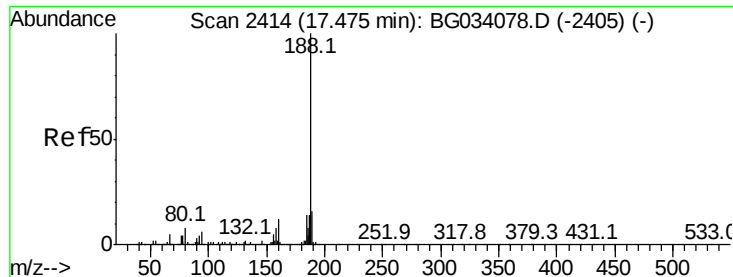
Tot Ion:138 Resp: 2710
Ion Ratio Lower Upper
138 100
92 71.5 40.1 80.1
108 80.4 65.4 105.4



#62
Azobenzene
Concen: 1.072 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG034096.D
Acq: 2 May 2018 2:13

Tgt Ion: 77 Resp: 19470
Ion Ratio Lower Upper
77 100
182 19.1 7.4 47.4
105 15.0 0.3 40.3
51 25.5 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

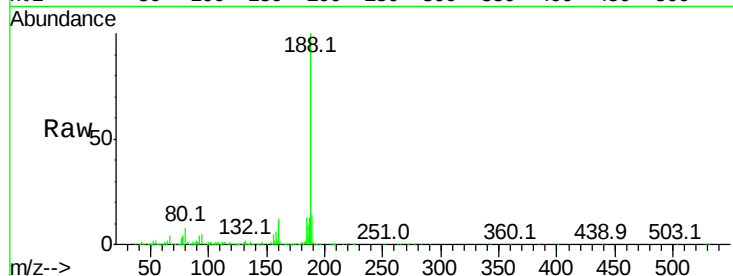
Tot Ion:188 Resp: 522065

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

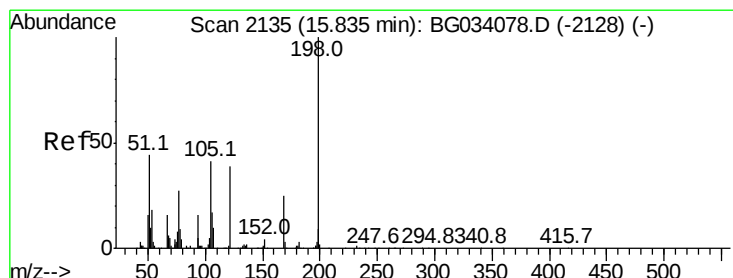
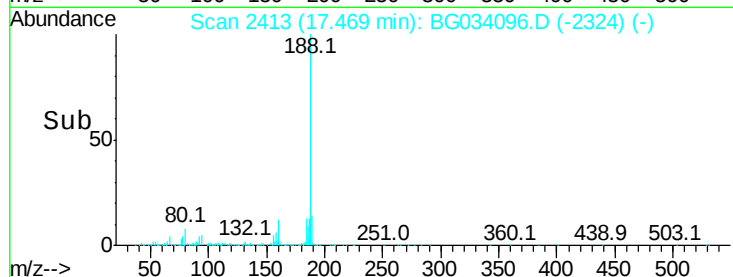
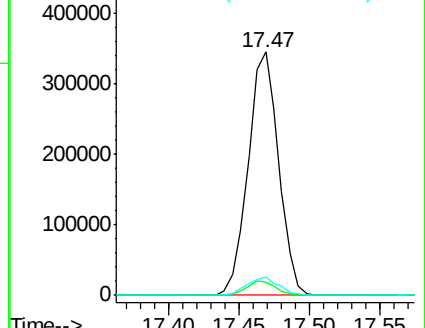
80 7.7 7.7 11.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 0.812 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

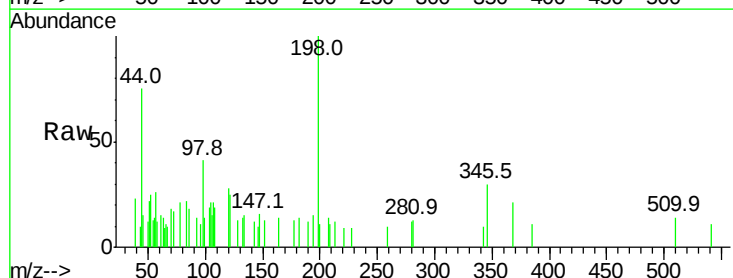
Tgt Ion:198 Resp: 1993

Ion Ratio Lower Upper

198 100

51 22.0 30.6 70.6#

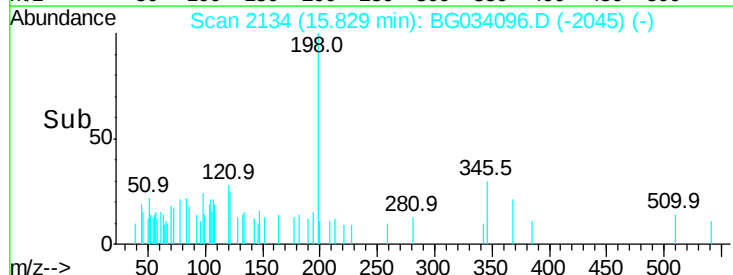
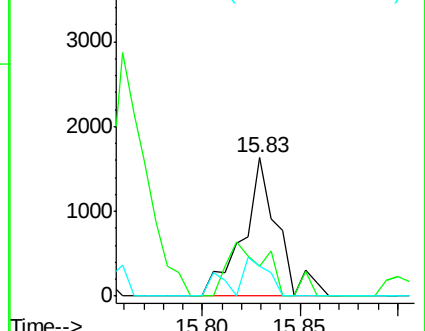
105 21.4 23.8 63.8#

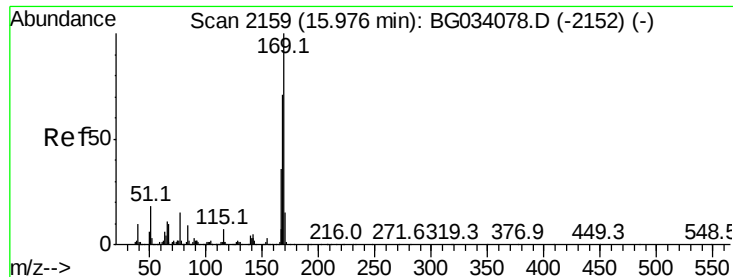


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

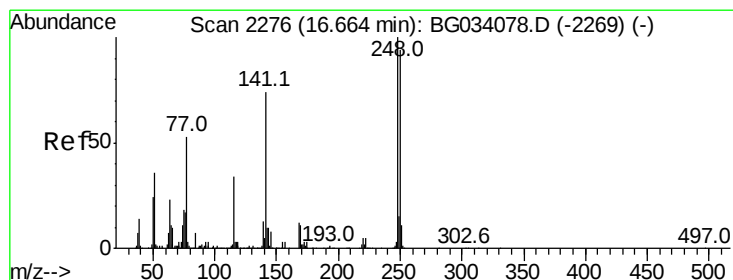
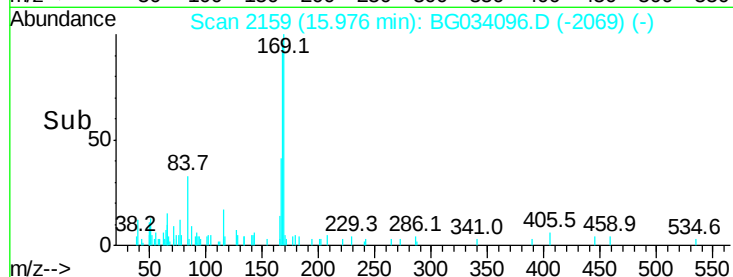
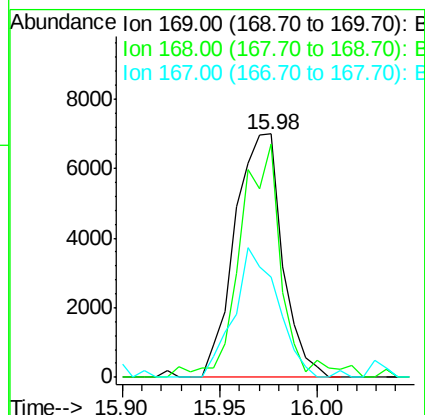
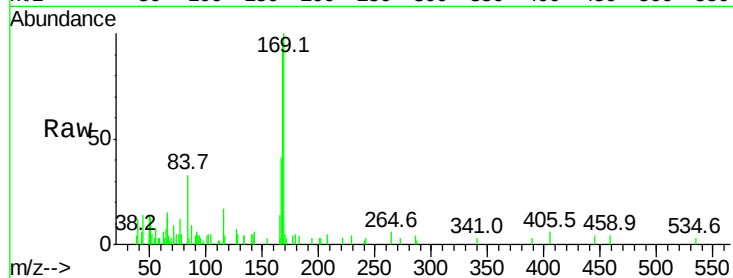




#65
 n-Nitrosodiphenylamine
 Concen: 0.828 ng
 RT: 15.98 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

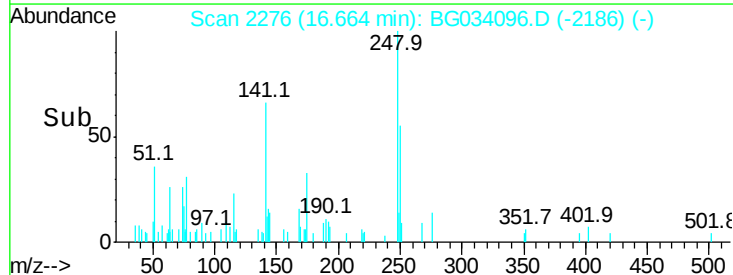
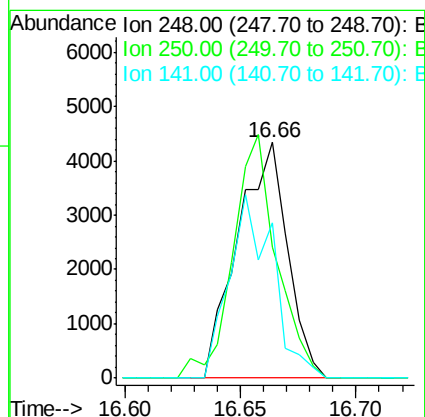
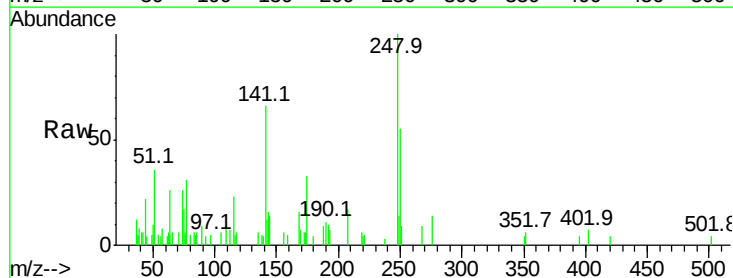
Instrument :
 BNA_G
 ClientSampleId :

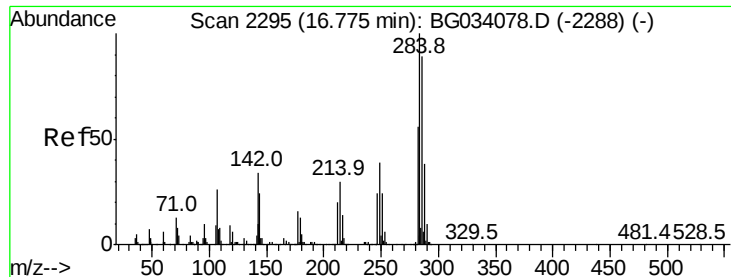
Tot Ion:169 Resp: 11793
 Ion Ratio Lower Upper
 169 100
 168 95.8 55.7 83.5#
 167 41.1 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 1.006 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Tgt Ion:248 Resp: 6523
 Ion Ratio Lower Upper
 248 100
 250 55.5 77.1 115.7#
 141 66.2 50.8 76.2





#67

Hexachlorobenzene

Concen: 1.101 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

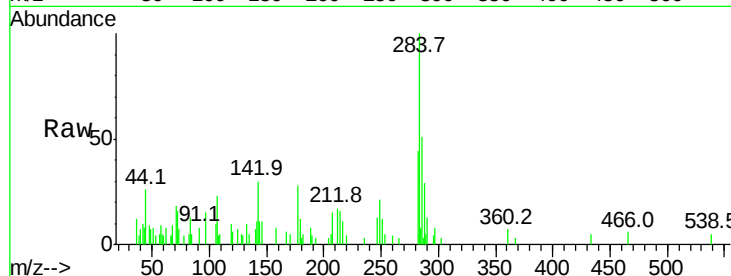
Tot Ion:284 Resp: 7244

Ion Ratio Lower Upper

284 100

142 30.5 26.8 40.2

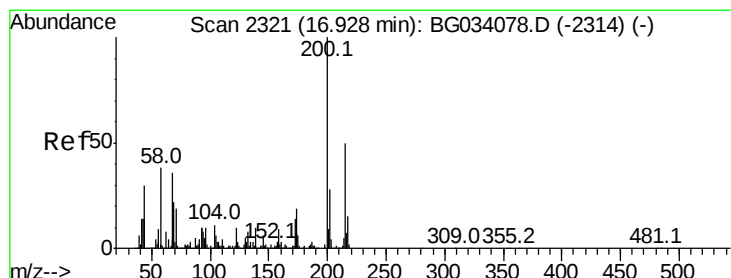
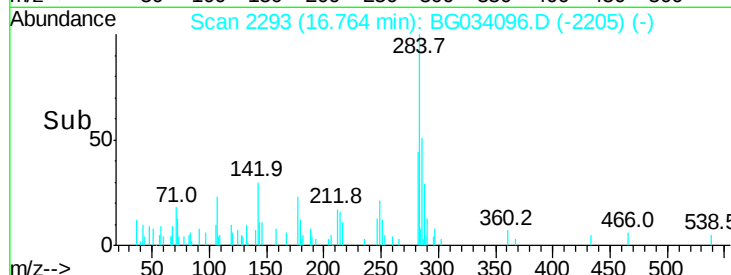
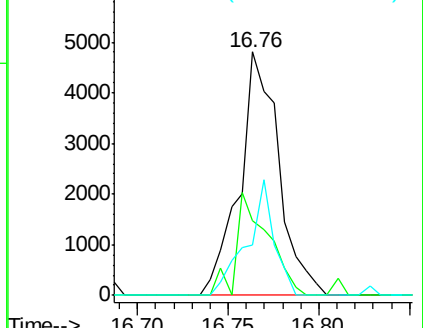
249 20.9 26.3 39.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 1.419 ng

RT: 16.92 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

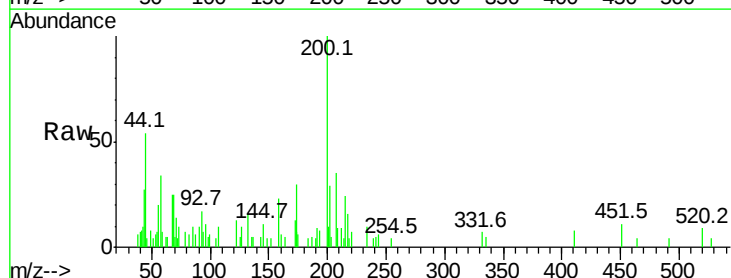
Tgt Ion:200 Resp: 4425

Ion Ratio Lower Upper

200 100

173 29.7 5.2 45.2

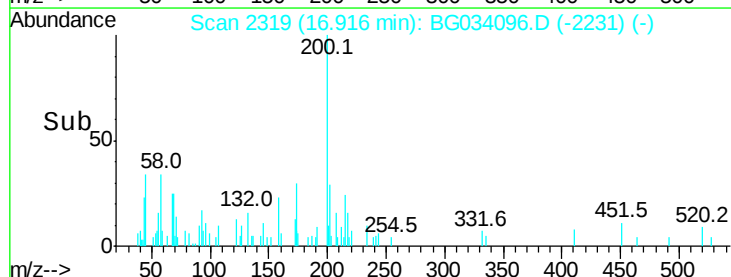
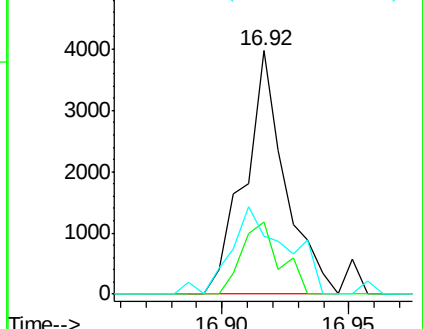
215 24.0 30.4 70.4#

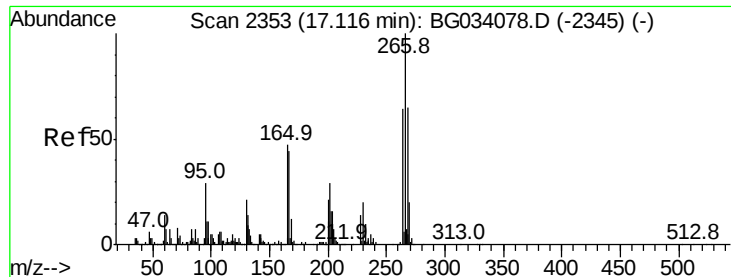


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.781 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampled :

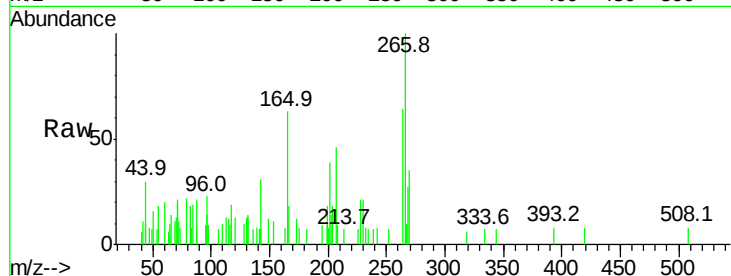
Tot Ion:266 Resp: 3583

Ion Ratio Lower Upper

266 100

268 27.2 51.1 76.7#

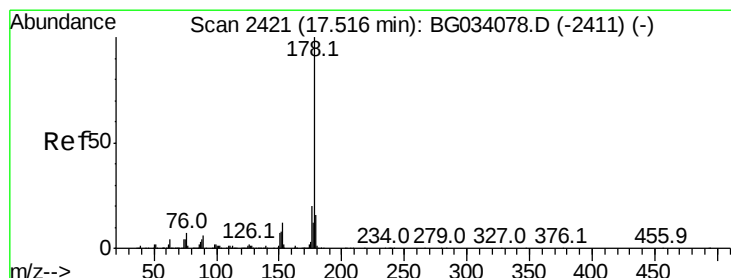
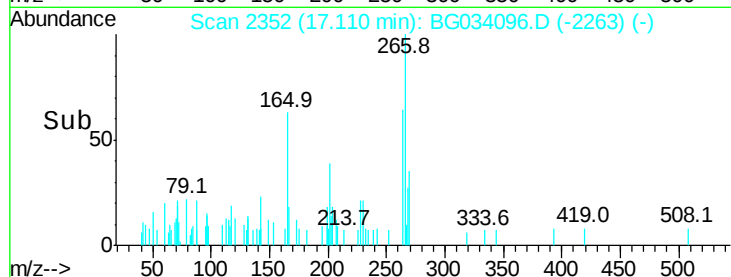
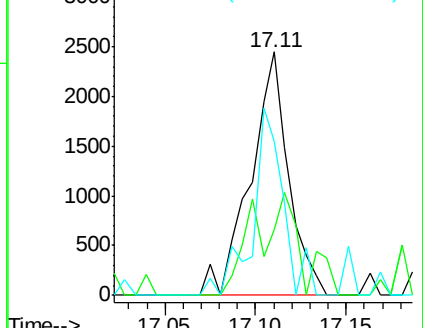
264 63.5 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.942 ng

RT: 17.60 min Scan# 2436

Delta R.T. 0.09 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

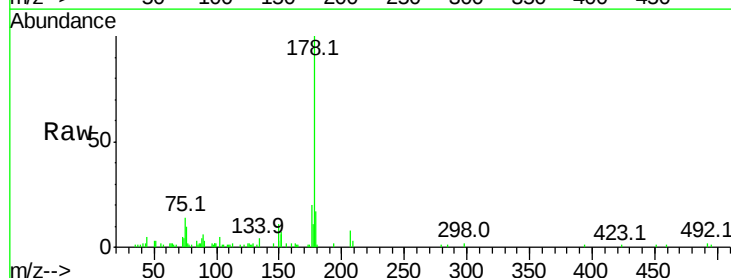
Tgt Ion:178 Resp: 25266

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

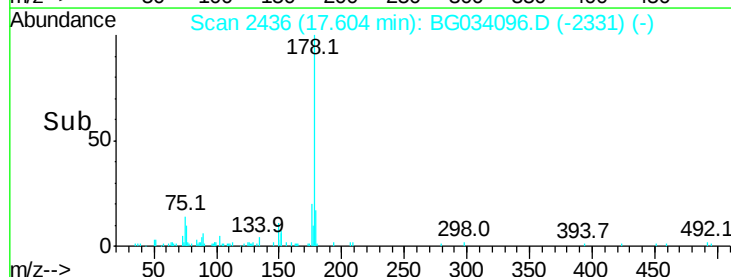
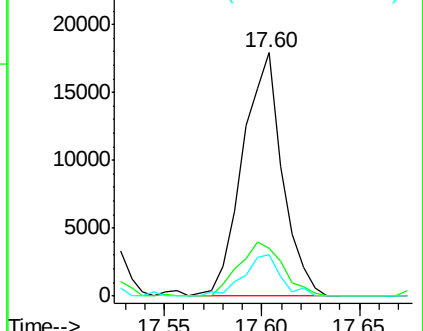
179 16.8 12.5 18.7

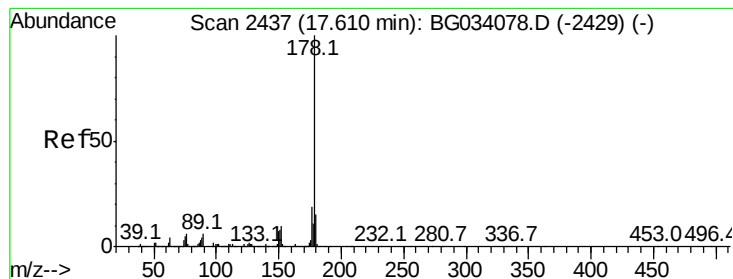


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.929 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

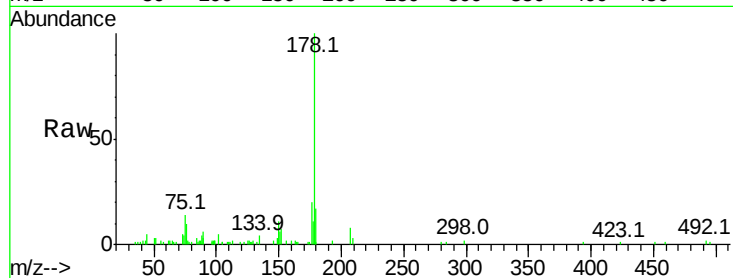
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 25266

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.8	12.5	18.7

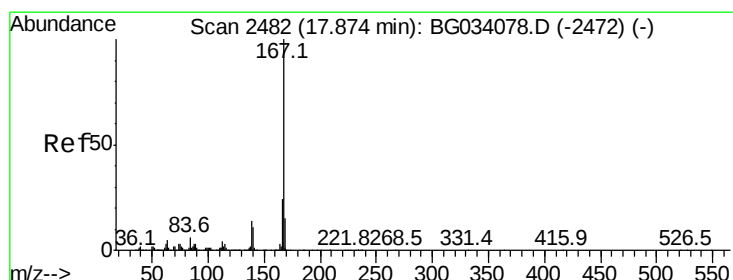
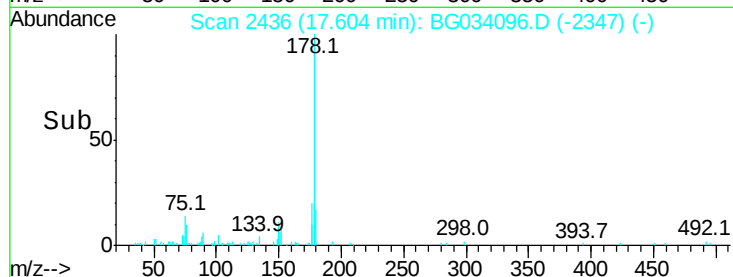
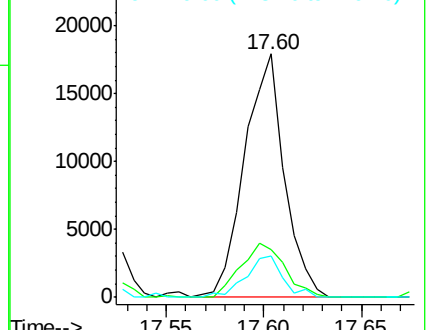


Abundance

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: 1.136 ng

RT: 17.86 min Scan# 2480

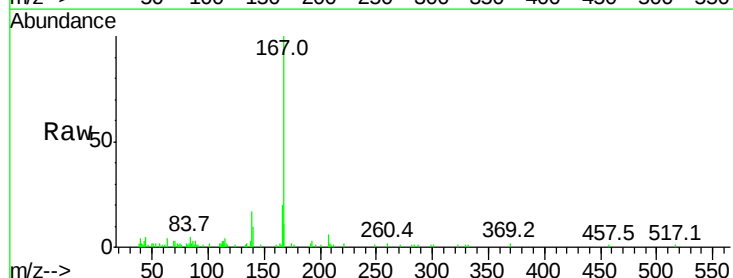
Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:167 Resp: 28269

Ion	Ratio	Lower	Upper
167	100		
166	19.6	18.2	27.4
139	16.8	9.4	14.2#

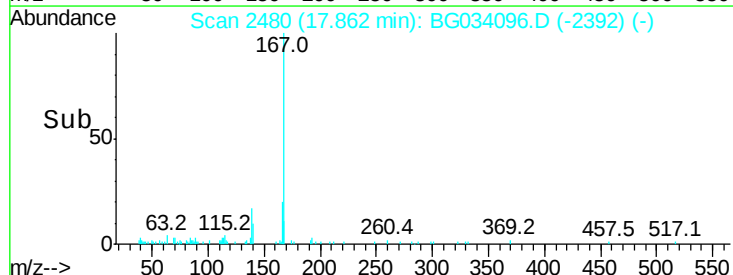
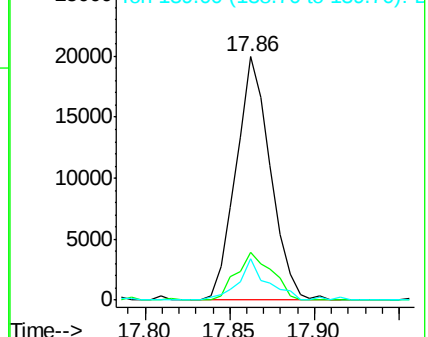


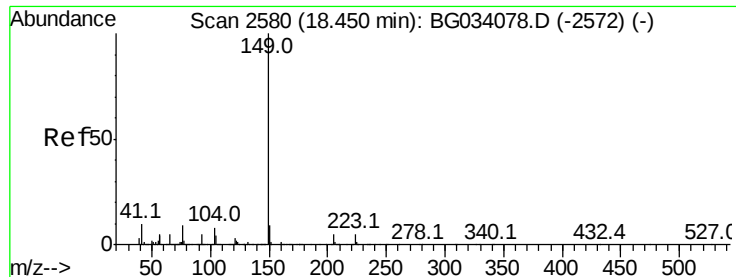
Abundance

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: 0.956 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampled :

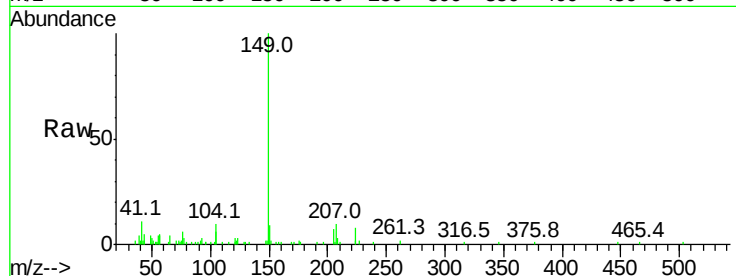
Tot Ion:149 Resp: 28635

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

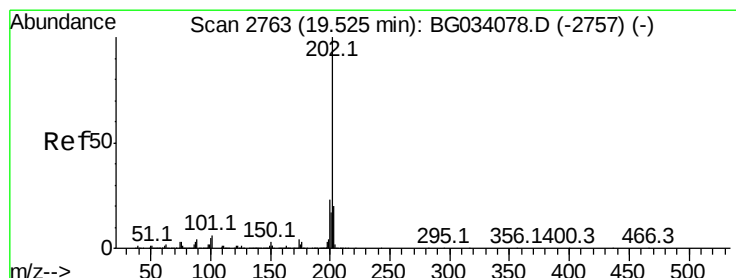
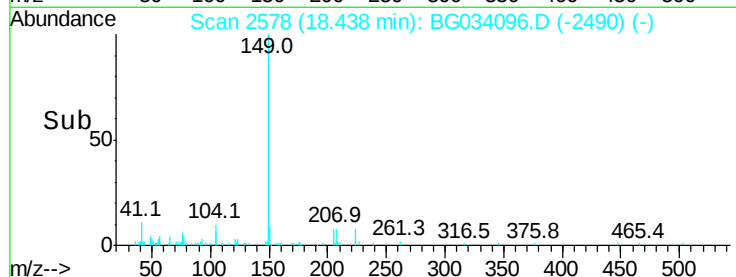
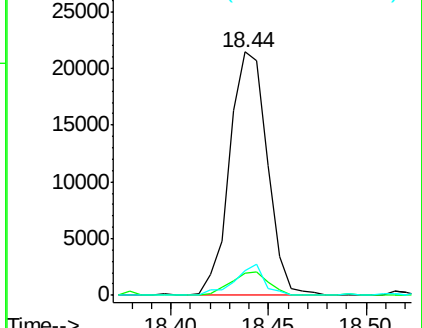
104 10.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.081 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

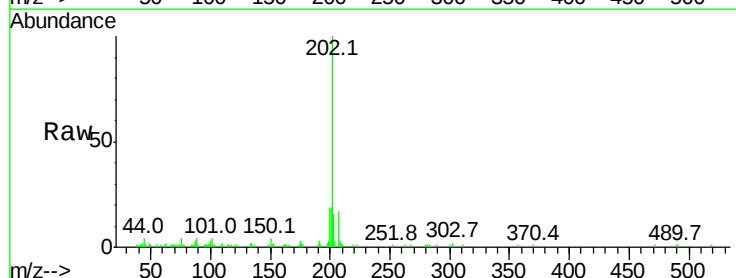
Tgt Ion:202 Resp: 36654

Ion Ratio Lower Upper

202 100

101 3.8 0.0 28.9

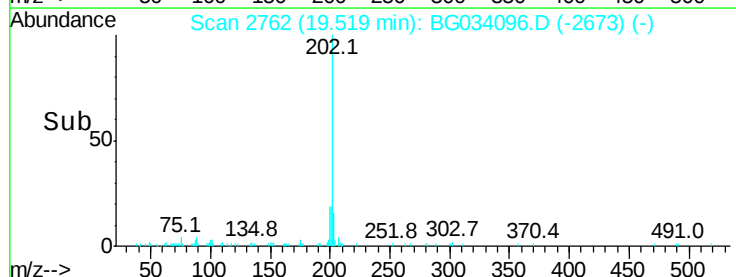
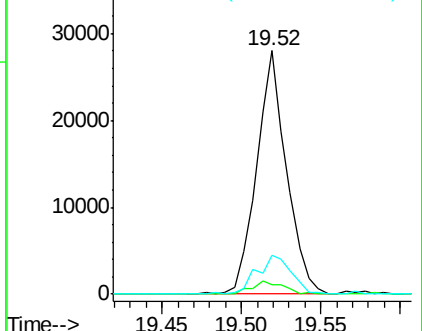
203 16.0 0.0 37.5

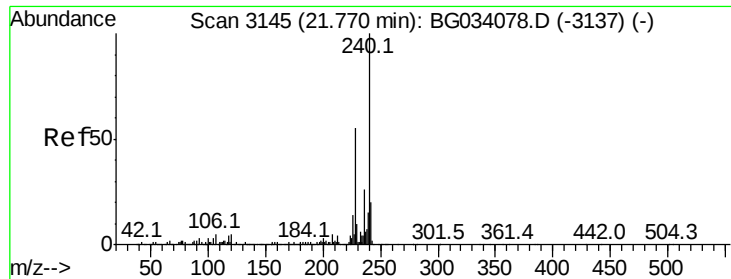


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

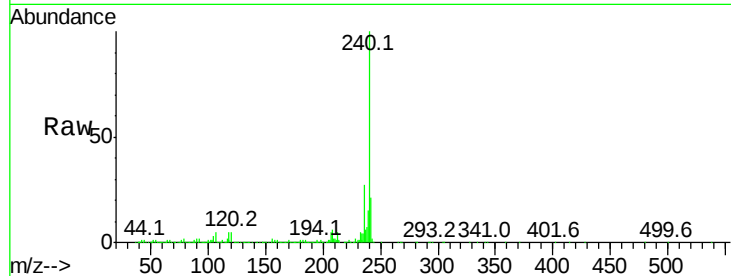
Tot Ion:240 Resp: 585835

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

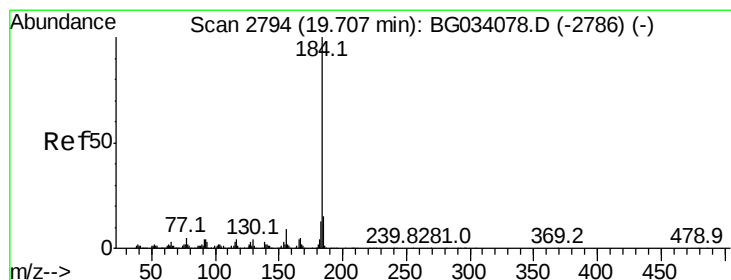
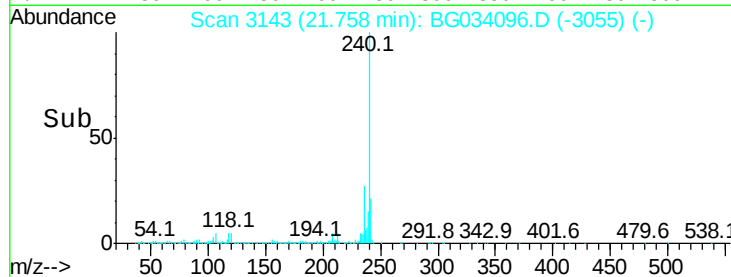
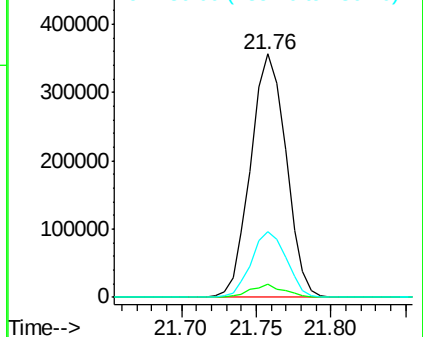
236 27.0 20.9 31.3



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: 2.848 ng

RT: 20.08 min Scan# 2858

Delta R.T. 0.38 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

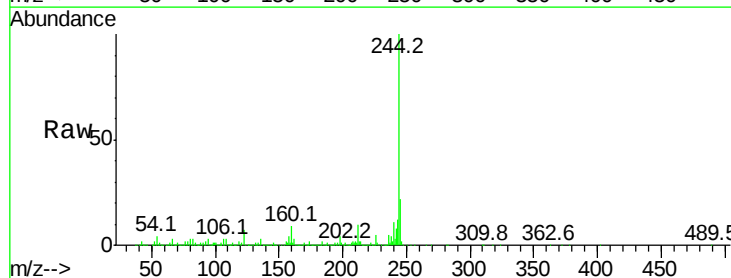
Tgt Ion:184 Resp: 42971

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

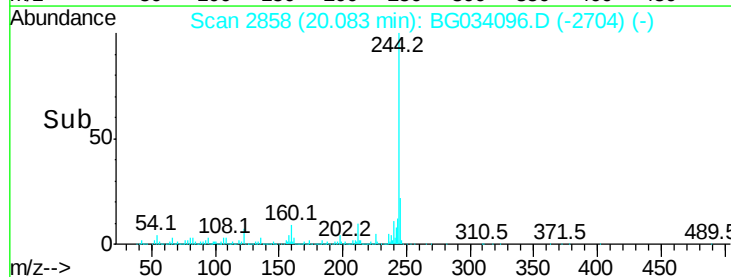
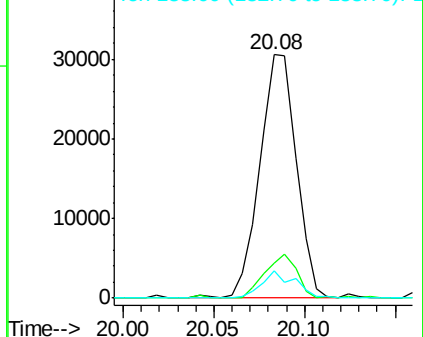
183 11.4 10.6 16.0

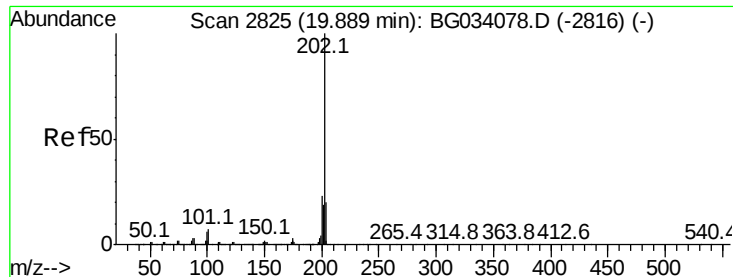


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 1.027 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034096.D

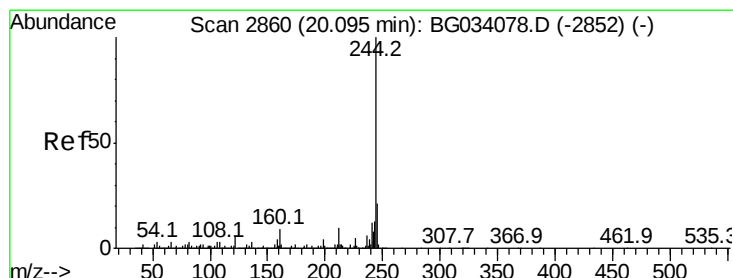
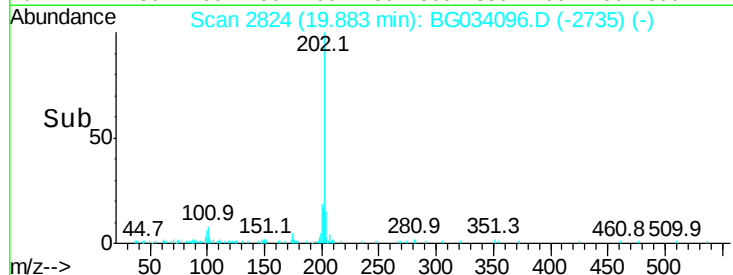
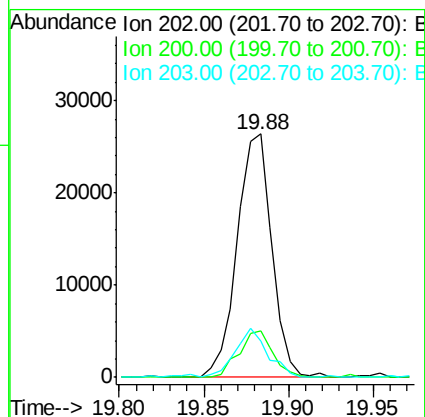
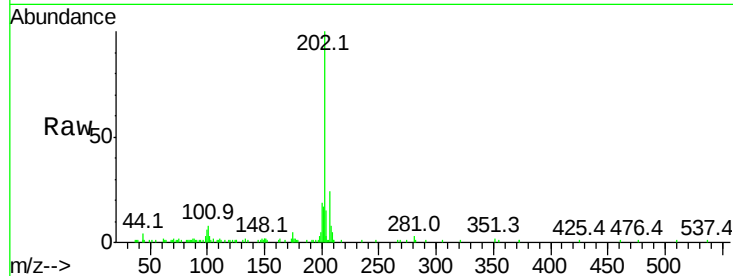
Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	37682
Ion Ratio	Lower	Upper	
202	100		
200	18.8	16.9	25.3
203	14.8	13.9	20.9



#78

Terphenyl-d14

Concen: 80.744 ng

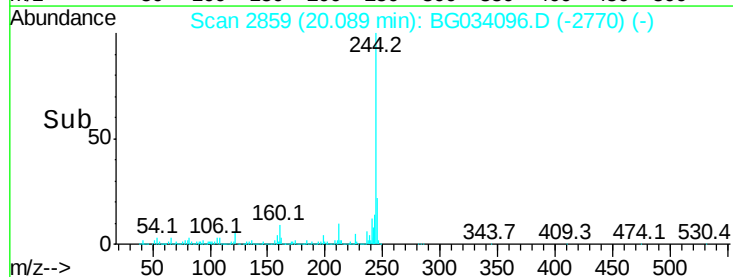
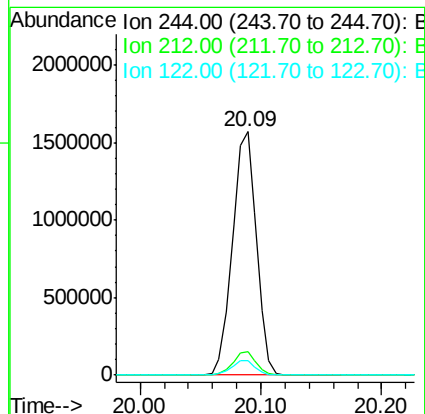
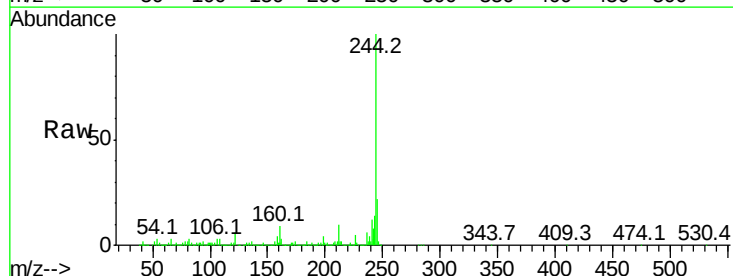
RT: 20.09 min Scan# 2859

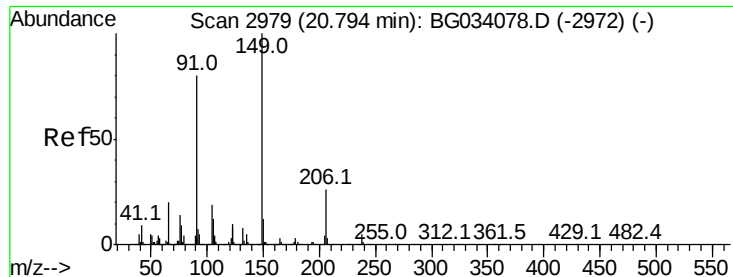
Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:	244	Resp:	2159272
Ion Ratio	Lower	Upper	
244	100		
212	9.8	5.8	8.8#
122	6.1	7.0	10.4#

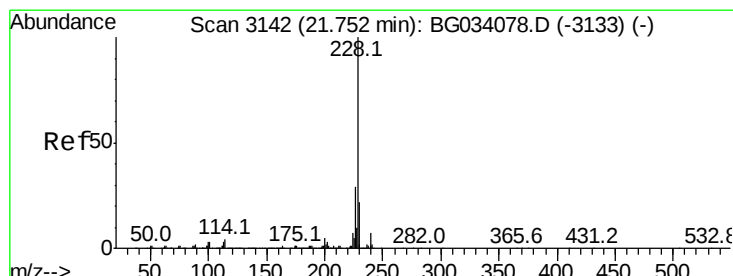
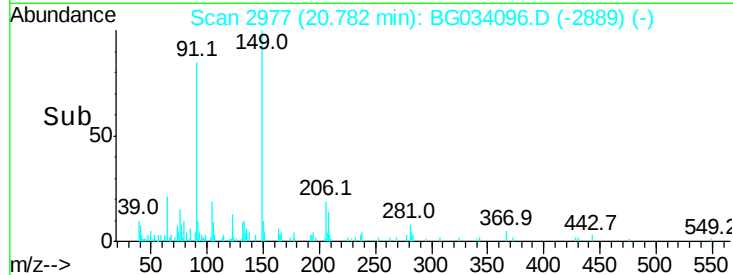
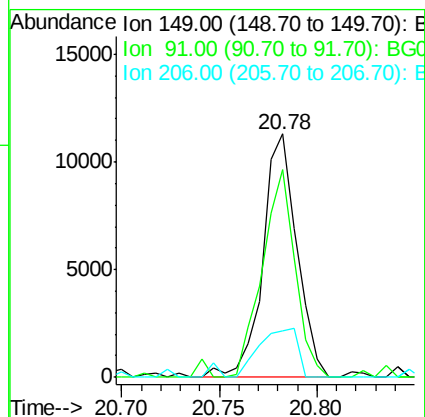
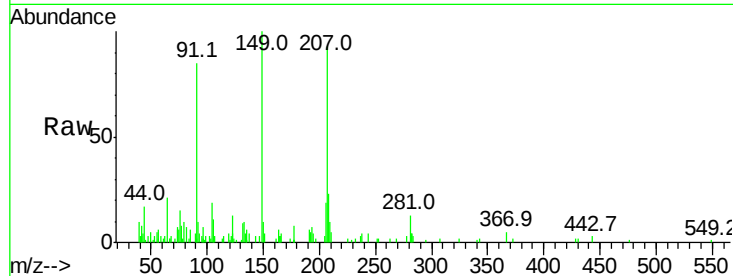




#79
 Butylbenzylphthalate
 Concen: 0.950 ng
 RT: 20.78 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

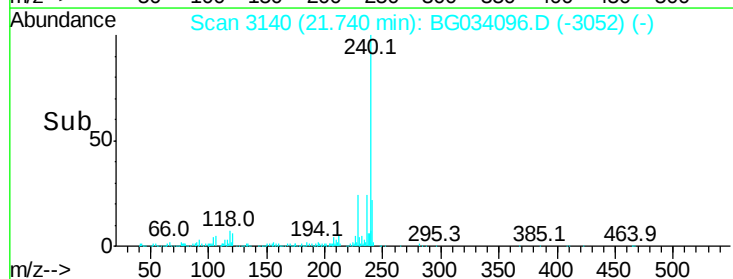
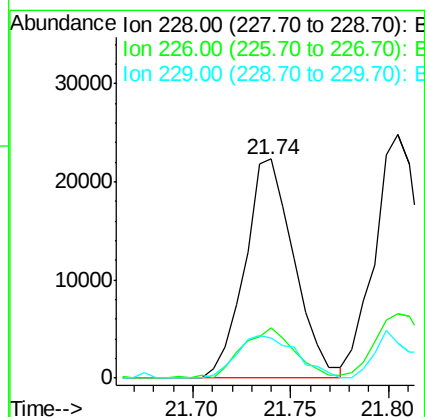
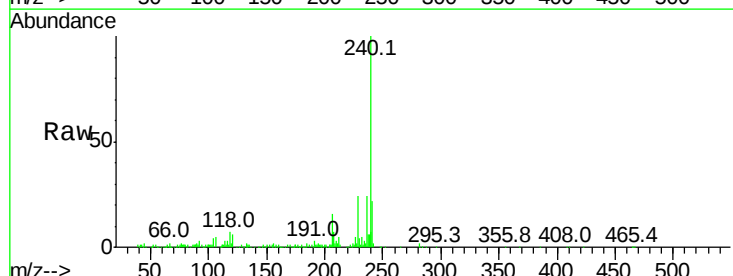
Instrument :
 BNA_G
 ClientSampled :

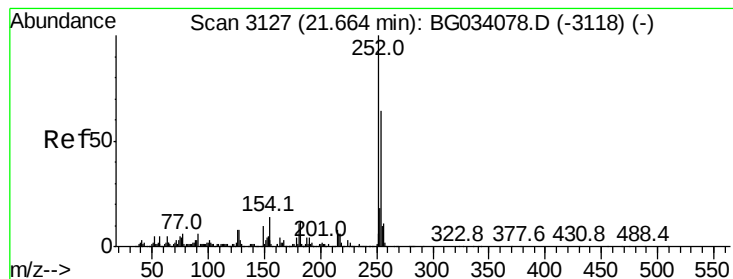
Tot Ion	Ratio	Lower	Upper
149	100		
91	85.2	62.2	93.2
206	19.3	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 1.036 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	22.8	22.7	34.1
229	18.3	16.2	24.2

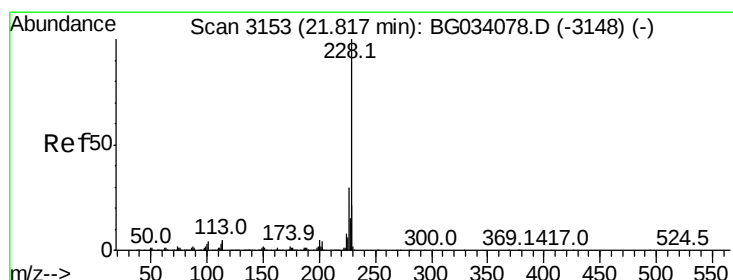
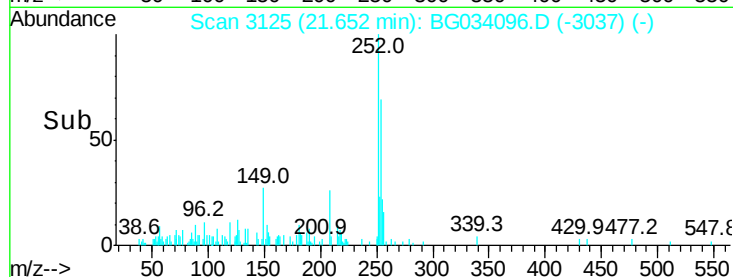
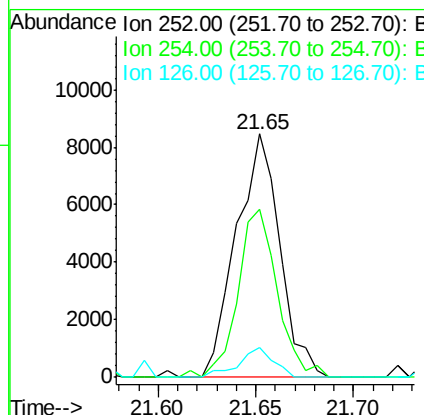
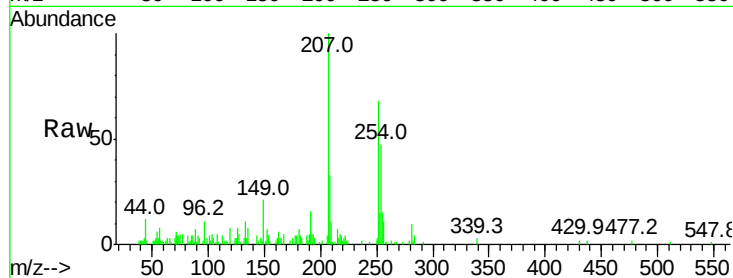




#81
 3,3'-Dichlorobenzidine
 Concen: 0.919 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

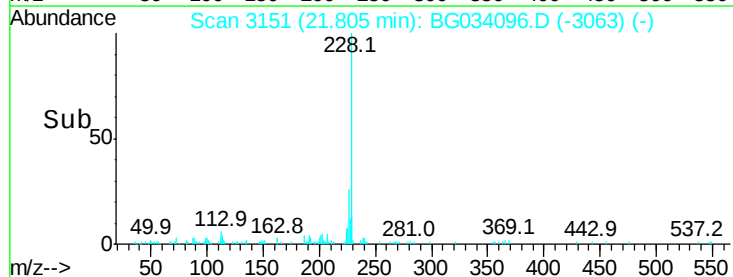
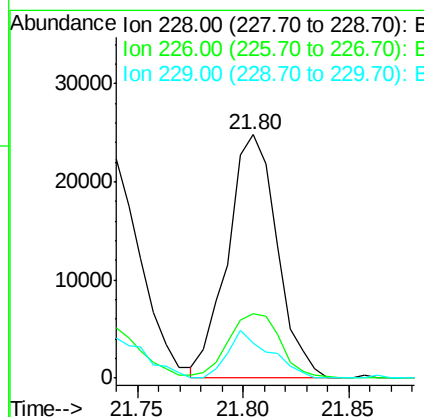
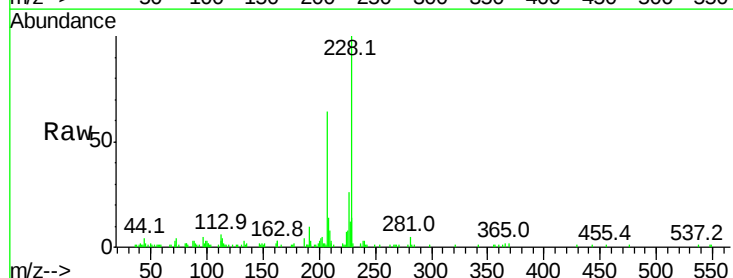
Instrument :
 BNA_G
 ClientSampleId :

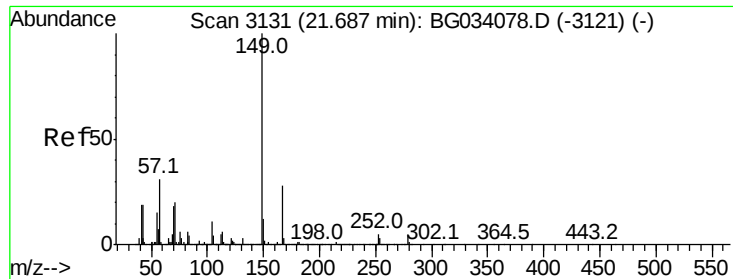
Tot Ion	Ratio	Lower	Upper
252	100		
254	68.9	50.8	76.2
126	12.2	7.4	11.2#



#82
 Chrysene
 Concen: 1.117 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.9	37.3
229	14.2	15.0	22.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.921 ng

RT: 21.68 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

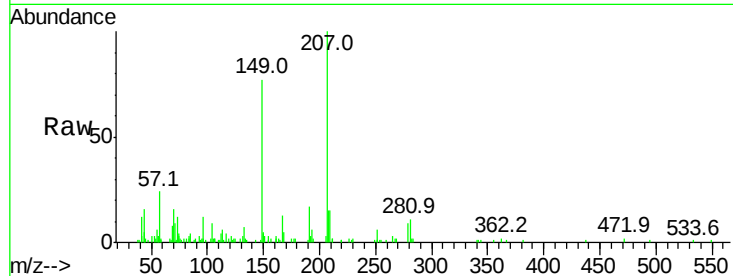
Tot Ion:149 Resp: 18165

Ion Ratio Lower Upper

149 100

167 17.4 24.3 36.5#

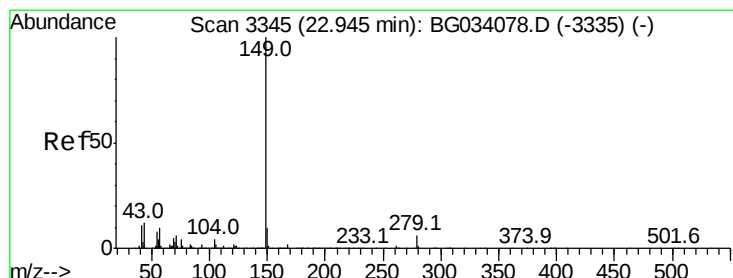
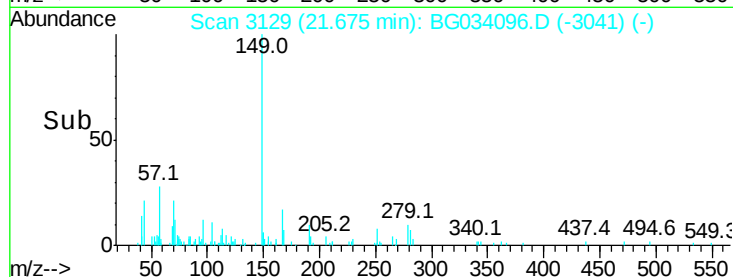
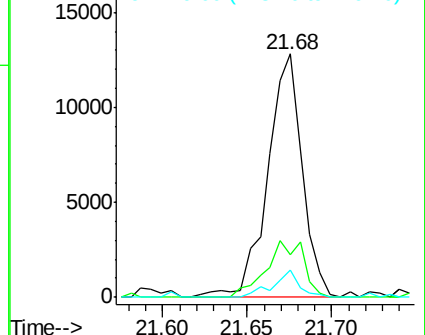
279 11.3 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.834 ng

RT: 22.92 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

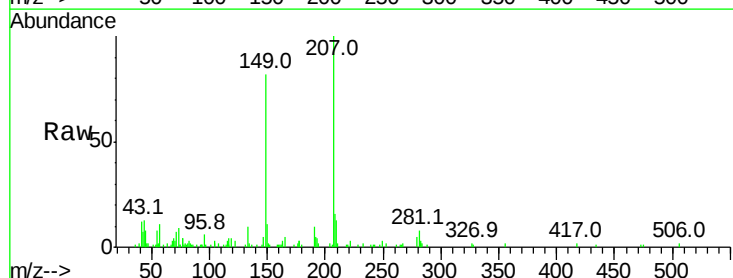
Tgt Ion:149 Resp: 26270

Ion Ratio Lower Upper

149 100

167 1.0 1.4 2.0#

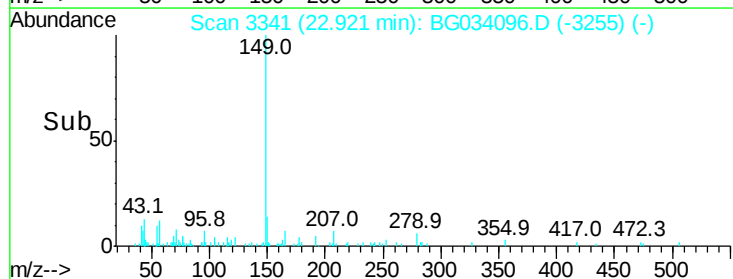
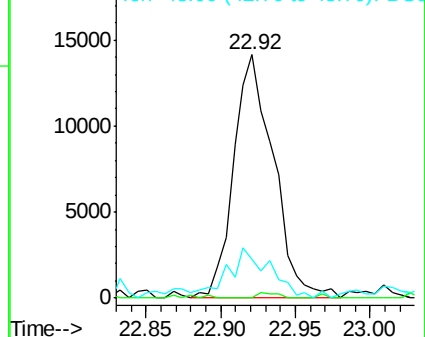
43 21.8 8.9 13.3#

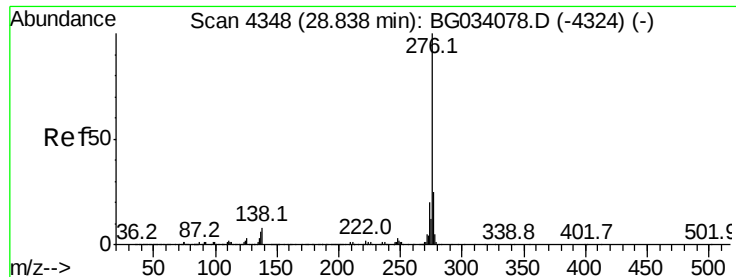


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

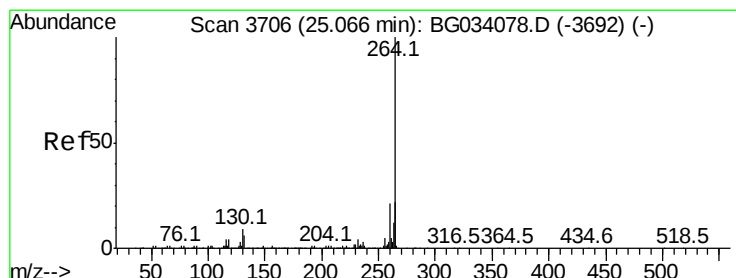
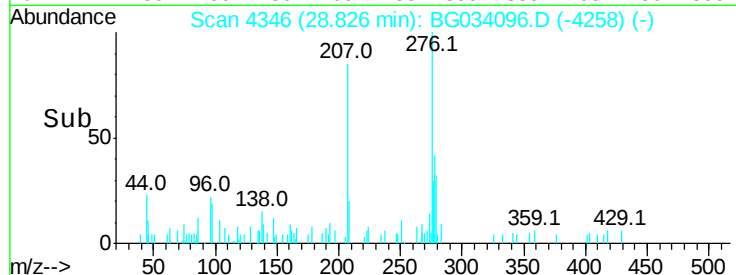
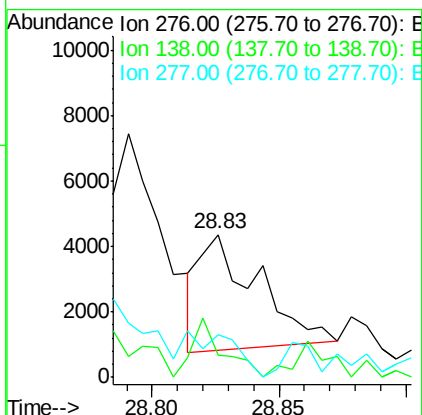
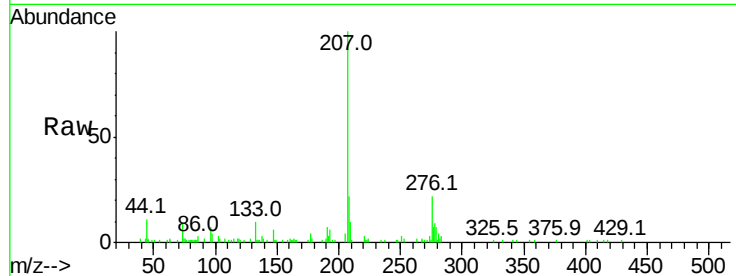




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.140 ng
 RT: 28.83 min Scan# 4346
 Delta R.T. -0.01 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

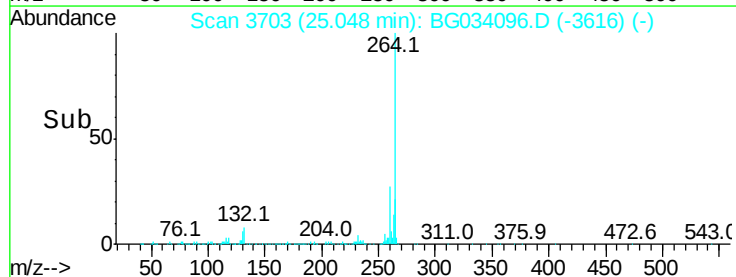
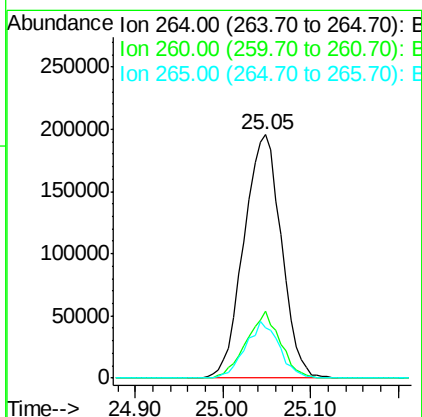
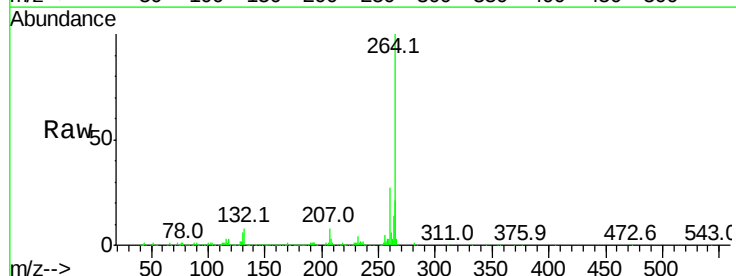
Instrument :
 BNA_G
 ClientSampleID :

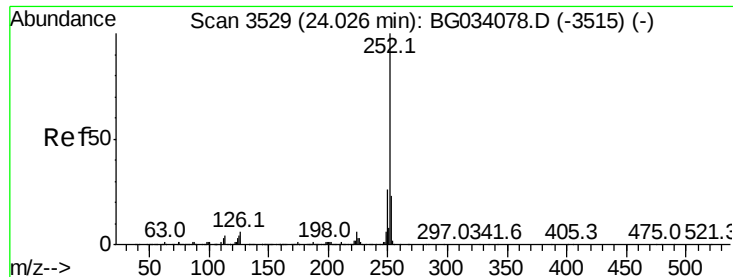
Tot Ion:276 Resp: 5546
 Ion Ratio Lower Upper
 276 100
 138 26.9 16.0 24.0#
 277 33.4 20.0 30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3703
 Delta R.T. -0.02 min
 Lab File: BG034096.D
 Acq: 2 May 2018 2:13

Tgt Ion:264 Resp: 569430
 Ion Ratio Lower Upper
 264 100
 260 27.3 17.4 26.0#
 265 20.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.980 ng

RT: 24.00 min Scan# 3524

Delta R.T. -0.03 min

Lab File: BG034096.D

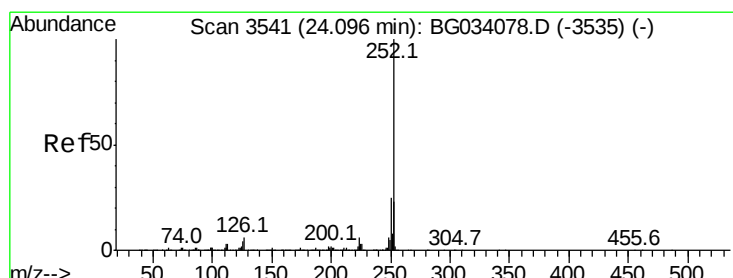
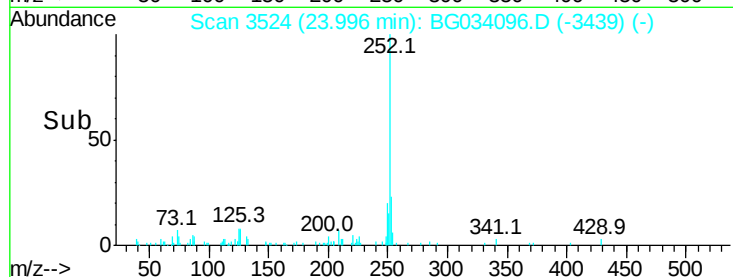
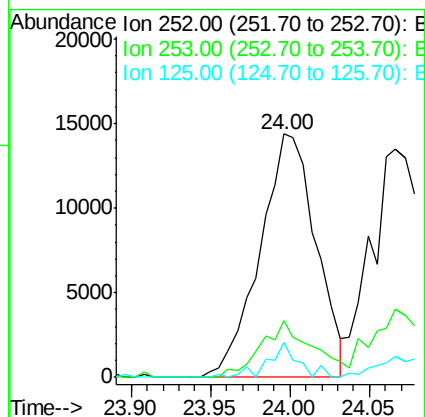
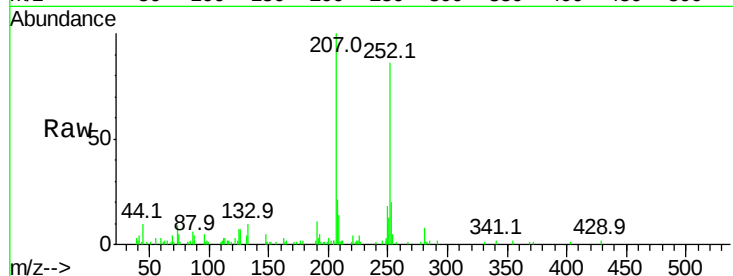
Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	35237
Ion Ratio	Lower	Upper
252	100	
253	23.2	18.2 27.4
125	14.4	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 0.965 ng

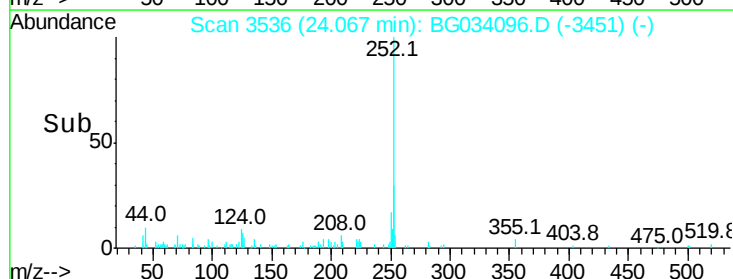
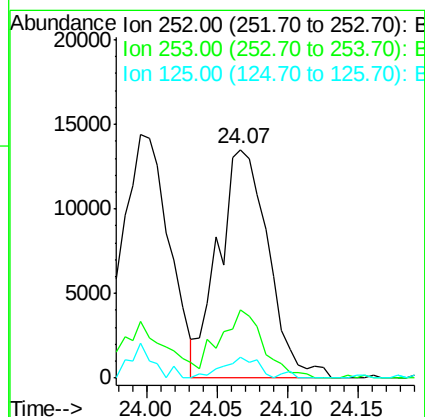
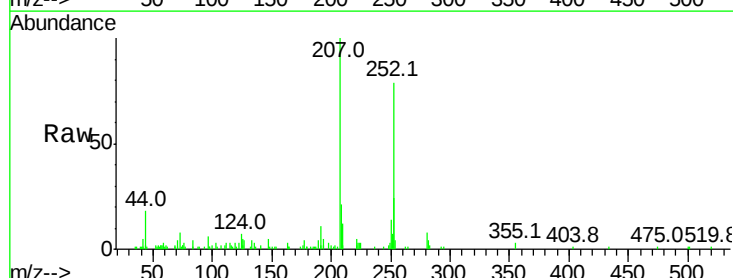
RT: 24.07 min Scan# 3536

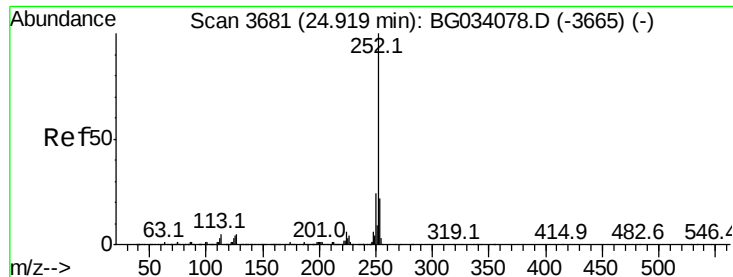
Delta R.T. -0.03 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:252	Resp:	33169
Ion Ratio	Lower	Upper
252	100	
253	29.9	17.4 26.2#
125	8.9	6.6 9.8





#89

Benzo(a)pyrene

Concen: 0.972 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG034096.D

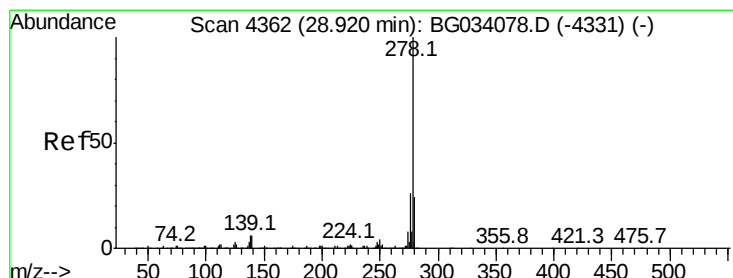
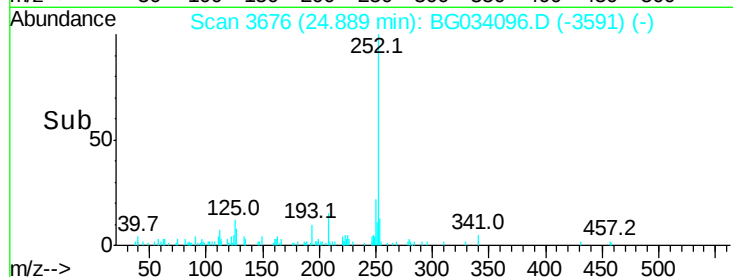
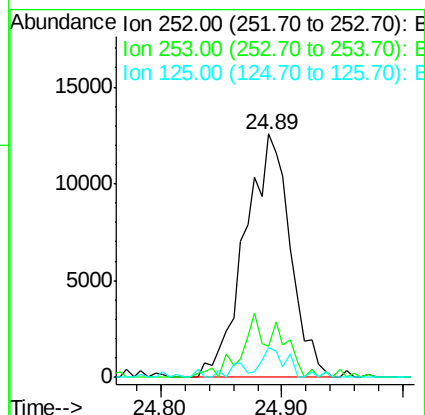
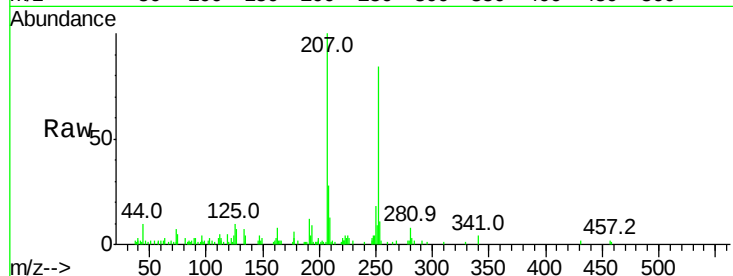
Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	32719
Ion Ratio	Lower	Upper
252	100	
253	12.6	18.3 27.5#
125	12.0	7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 0.969 ng

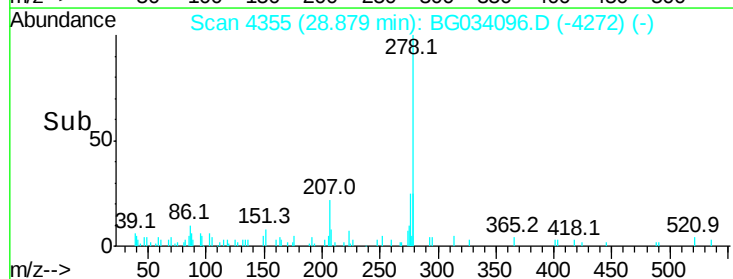
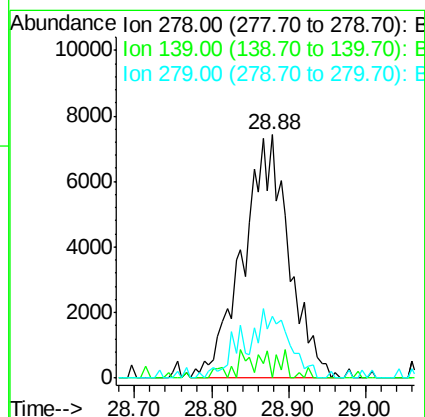
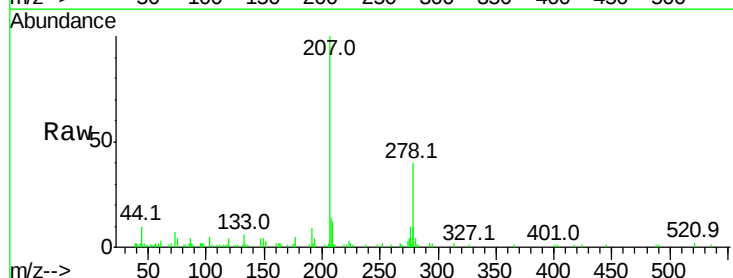
RT: 28.88 min Scan# 4355

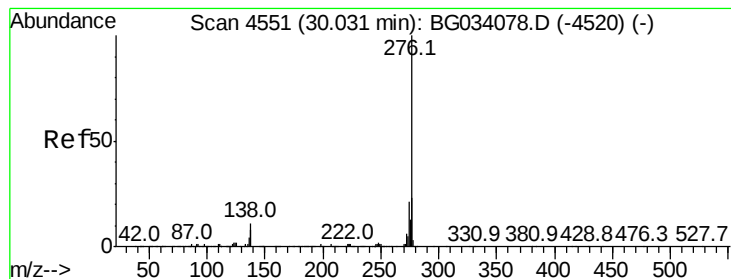
Delta R.T. -0.04 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Tgt Ion:278	Resp:	30752
Ion Ratio	Lower	Upper
278	100	
139	0.0	9.8 14.6#
279	25.5	18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 0.931 ng

RT: 29.97 min Scan# 4540

Delta R.T. -0.06 min

Lab File: BG034096.D

Acq: 2 May 2018 2:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 29110

Ion Ratio Lower Upper

276 100

277 19.9 18.3 27.5

138 8.2 13.9 20.9#

