

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034098.D
 Acq On : 2 May 2018 3:30
 Operator : SJ/JU
 Sample : J2133-07
 Misc : 5PPM LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 07:30:50 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	59296	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	243632	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	188692	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	512875	20.00	ng	0.00
75) Chrysene-d12	21.76	240	598258	20.00	ng	-0.01
86) Perylene-d12	25.04	264	570770	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	478035	130.25	ng	0.00
7) Phenol-d6	7.22	99	722205	126.40	ng	0.00
23) Nitrobenzene-d5	9.24	82	533288	83.98	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	354848	135.81	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1123060	86.73	ng	0.00
78) Terphenyl-d14	20.09	244	2222635	81.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	9951	6.457	ng	# 67
3) Pyridine	3.95	79	19709	4.076	ng	# 84
4) n-Nitrosodimethylamine	3.86	42	13322	5.052	ng	# 45
6) Aniline	7.40	93	39233	5.048	ng	# 94
8) 2-Chlorophenol	7.63	128	17320	4.729	ng	# 69
9) Benzaldehyde	7.21	77	14928	2.540	ng	# 85
10) Phenol	7.24	94	26351	4.573	ng	70
11) bis(2-Chloroethyl)ether	7.49	93	22534	4.967	ng	92
12) 1,3-Dichlorobenzene	7.96	146	21912	4.729	ng	# 77
13) 1,4-Dichlorobenzene	8.11	146	24143	5.247	ng	97
14) 1,2-Dichlorobenzene	8.43	146	22796	5.216	ng	94
15) Benzyl Alcohol	8.30	79	30033	4.927	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.60	45	28967	4.640	ng	79
17) 2-Methylphenol	8.50	107	17282	4.558	ng	# 59
18) Hexachloroethane	9.17	117	9123	4.661	ng	# 88
19) n-Nitroso-di-n-propylamine	8.87	70	24318	4.739	ng	# 93
20) 3+4-Methylphenols	8.83	107	25556	4.551	ng	88
22) Acetophenone	8.89	105	43644	5.259	ng	# 95
24) Nitrobenzene	9.28	77	37342	5.372	ng	# 89
25) Isophorone	9.80	82	61826	4.773	ng	# 96
26) 2-Nitrophenol	9.99	139	8078	4.198	ng	# 70
27) 2,4-Dimethylphenol	10.05	122	17974	4.818	ng	# 88
28) bis(2-Chloroethoxy)methane	10.29	93	33766	5.307	ng	96
29) 2,4-Dichlorophenol	10.52	162	20008	4.487	ng	92
30) 1,2,4-Trichlorobenzene	10.74	180	27051	5.038	ng	85
31) Naphthalene	10.94	128	66812	5.217	ng	# 91
32) Benzoic acid	10.17	122	810	3.369	ng	# 27
33) 4-Chloroaniline	11.04	127	28472	4.931	ng	# 85
34) Hexachlorobutadiene	11.23	225	21670	4.769	ng	# 83
35) Caprolactam	11.78	113	8967	5.662	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	27269	4.717	ng	98
37) 2-Methylnaphthalene	12.55	142	51182	4.929	ng	# 80
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	36255	4.965	ng	95
40) Hexachlorocyclopentadiene	12.89	237	20161	4.660	ng	83

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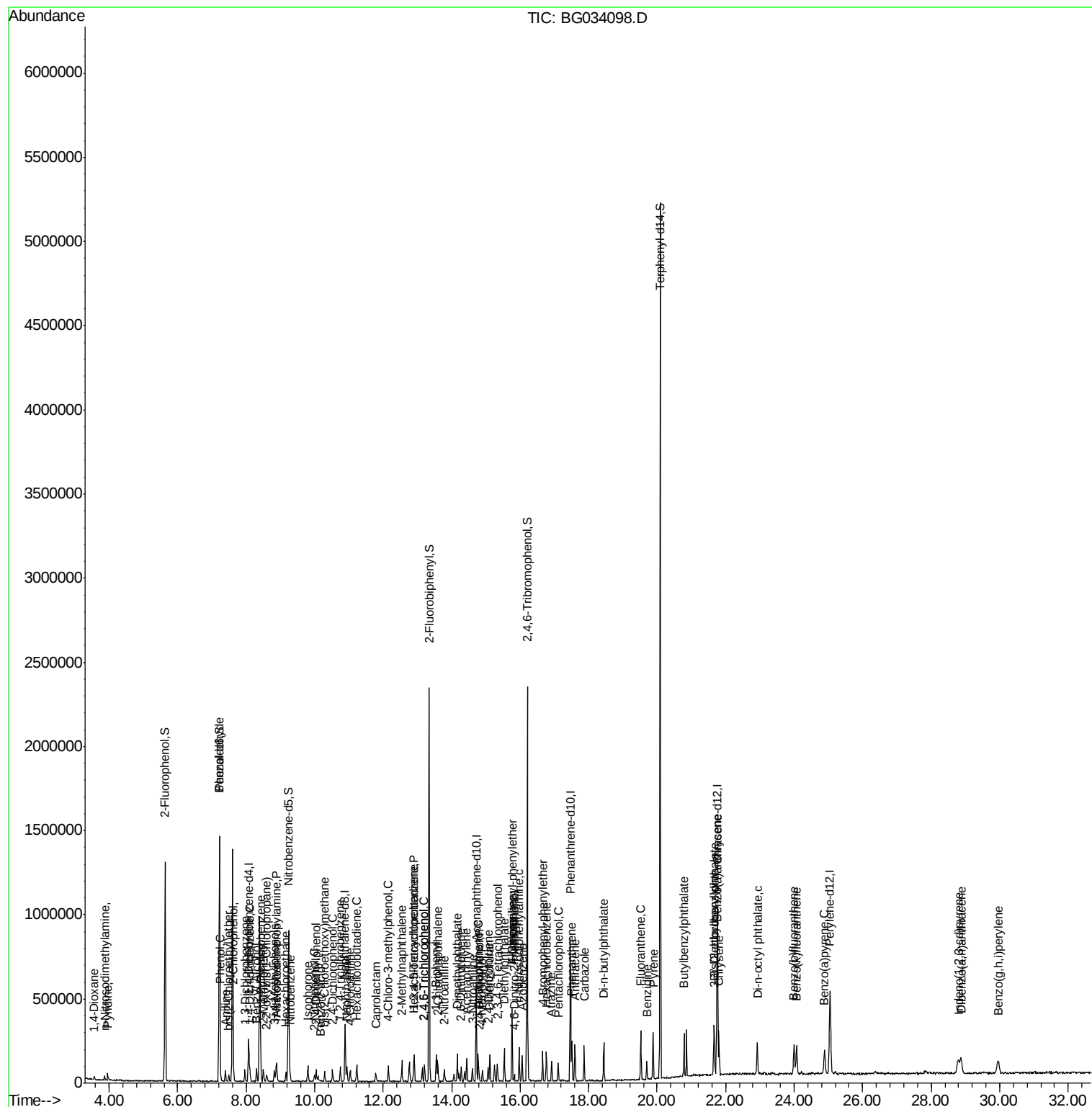
Quant Time: May 02 07:30:50 2018
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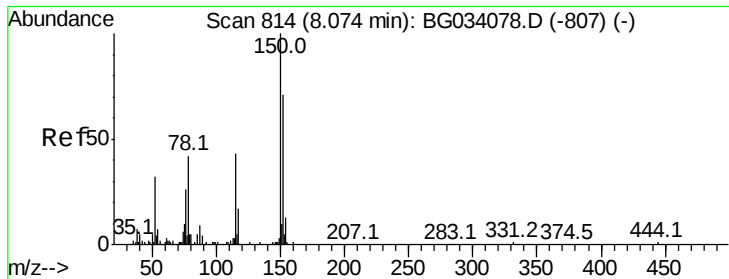
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	24594	5.797	nq	95
43) 2,4,5-Trichlorophenol	13.21	196	24594	5.244	nq #	95
45) 1,1'-Biphenyl	13.55	154	78850	5.349	nq	98
46) 2-Chloronaphthalene	13.60	162	60316	5.405	nq	96
47) 2-Nitroaniline	13.78	65	19404	4.349	nq #	81
48) Acenaphthylene	14.44	152	92127	5.171	nq #	96
49) Dimethylphthalate	14.17	163	87660	5.358	nq #	99
50) 2,6-Dinitrotoluene	14.28	165	13454	4.281	nq	97
51) Acenaphthene	14.78	154	60965	5.034	nq	97
52) 3-Nitroaniline	14.61	138	15155	4.785	nq #	90
53) 2,4-Dinitrophenol	14.81	184	5694	4.632	nq #	63
54) Dibenzofuran	15.11	168	90426	5.151	nq #	81
55) 4-Nitrophenol	14.90	139	10417	4.309	nq #	76
56) 2,4-Dinitrotoluene	15.06	165	17717	4.152	nq #	77
57) Fluorene	15.76	166	77051	5.036	nq #	98
58) 2,3,4,6-Tetrachlorophenol	15.33	232	24026	4.952	nq #	60
59) Diethylphthalate	15.53	149	90829	5.246	nq	97
60) 4-Chlorophenyl-phenylether	15.76	204	48338	5.310	nq #	87
61) 4-Nitroaniline	15.76	138	19407	5.776	nq #	81
62) Azobenzene	16.05	77	98267	5.254	nq	90
64) 4,6-Dinitro-2-methylphenol	15.83	198	9675	4.012	nq	76
65) n-Nitrosodiphenylamine	15.97	169	70018	5.007	nq #	84
66) 4-Bromophenyl-phenylether	16.66	248	29650	4.656	nq #	73
67) Hexachlorobenzene	16.77	284	32728	5.063	nq #	86
68) Atrazine	16.92	200	24672	3.815	nq	94
69) Pentachlorophenol	17.11	266	19415	4.309	nq	98
70) Phenanthrene	17.51	178	142830	5.420	nq	97
71) Anthracene	17.60	178	139369	5.218	nq	98
72) Carbazole	17.87	167	126564	5.176	nq	94
73) Di-n-butylphthalate	18.44	149	154760	5.258	nq #	98
74) Fluoranthene	19.52	202	178274	5.353	nq	96
76) Benzidine	19.69	184	54194	3.517	nq	94
77) Pyrene	19.88	202	186506	4.976	nq	98
79) Butylbenzylphthalate	20.78	149	66734	4.561	nq	94
80) Benzo(a)anthracene	21.74	228	194655	5.077	nq	95
81) 3,3'-Dichlorobenzidine	21.65	252	65298	4.504	nq	96
82) Chrysene	21.81	228	185781	5.062	nq	94
83) Bis(2-ethylhexyl)phthalate	21.67	149	96195	4.777	nq	94
84) Di-n-octyl phthalate	22.93	149	150745	4.687	nq	97
85) Indeno(1,2,3-cd)pyrene	28.80	276	187868	4.652	nq #	58
87) Benzo(b)fluoranthene	24.00	252	177246	4.916	nq #	90
88) Benzo(k)fluoranthene	24.07	252	175657	5.097	nq #	90
89) Benzo(a)pyrene	24.88	252	164498	4.877	nq #	91
90) Dibenzo(a,h)anthracene	28.88	278	151459	4.763	nq #	90
91) Benzo(g,h,i)perylene	29.95	276	155998	4.977	nq #	86

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

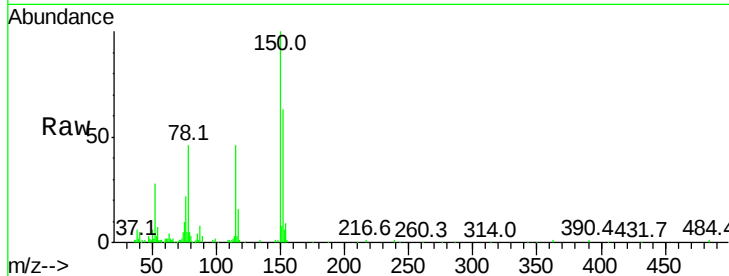
Tot Ion:152 Resp: 59296

Ion Ratio Lower Upper

152 100

150 157.6 126.6 189.8

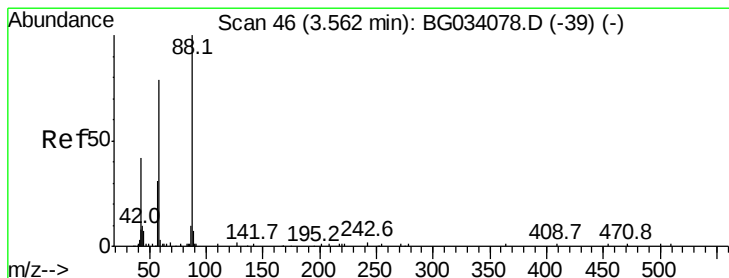
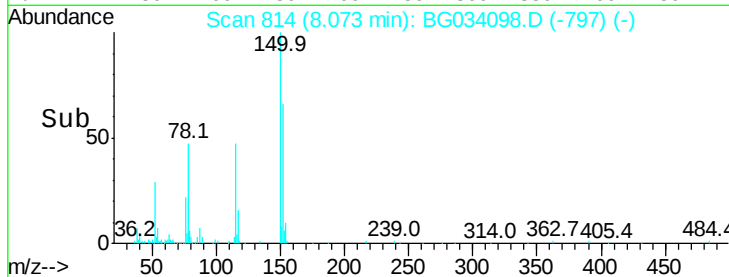
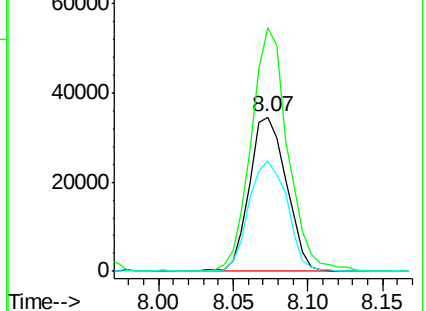
115 71.9 53.0 79.4



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: 6.457 ng

RT: 3.56 min Scan# 46

Delta R.T. -0.00 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

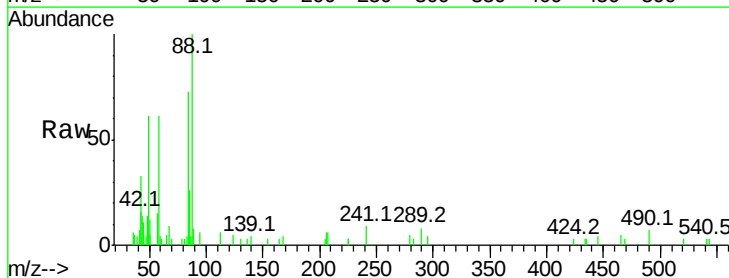
Tgt Ion: 88 Resp: 9951

Ion Ratio Lower Upper

88 100

58 65.1 79.6 119.4#

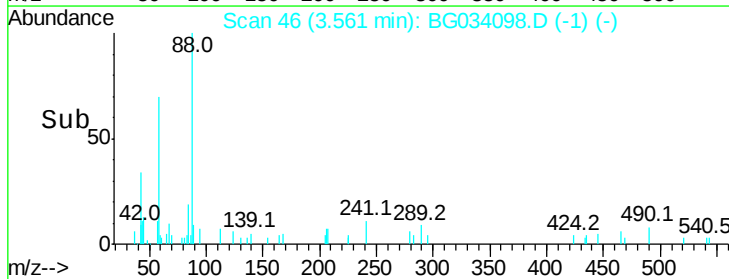
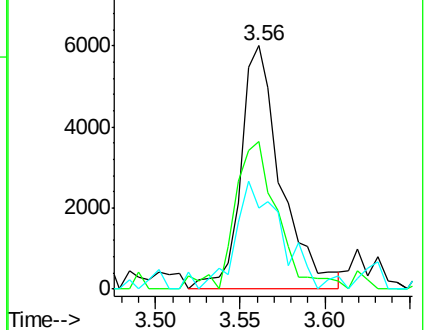
43 49.8 27.4 41.0#

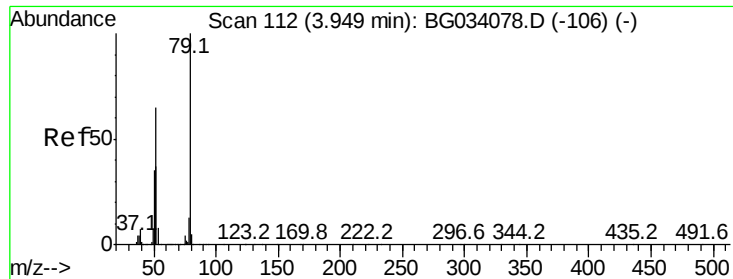


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 4.076 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

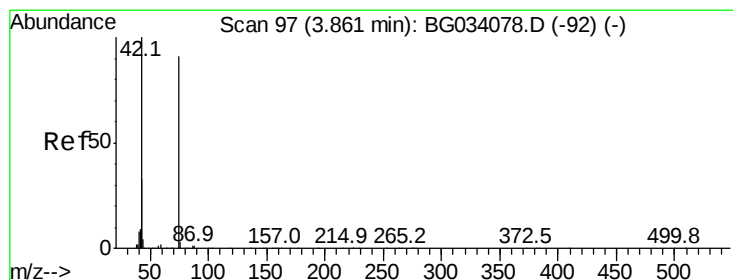
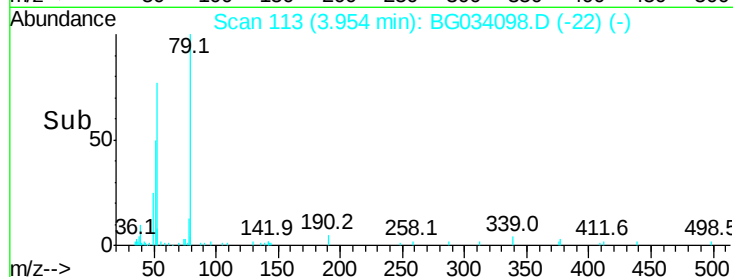
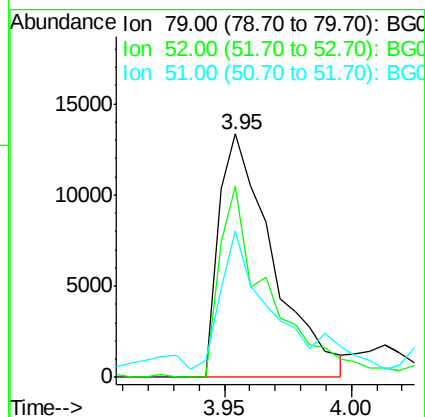
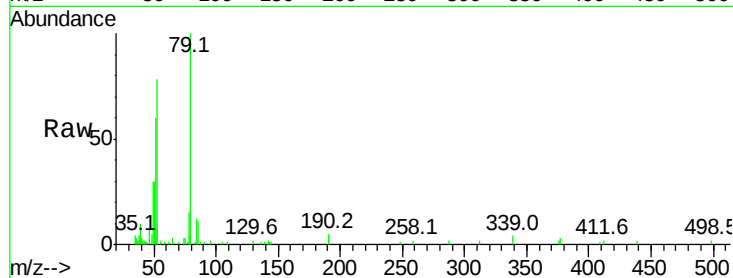
Tot Ion: 79 Resp: 19709

Ion Ratio Lower Upper

79 100

52 78.5 69.9 104.9

51 60.1 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 5.052 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.00 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

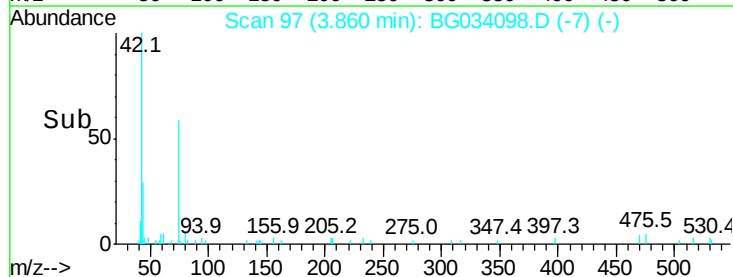
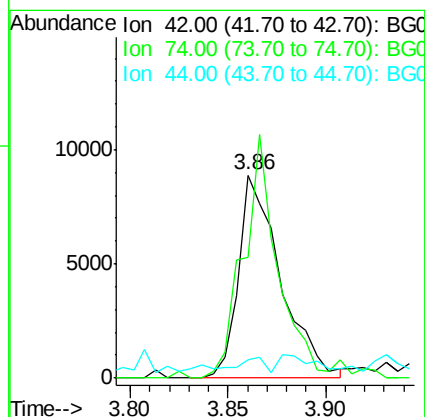
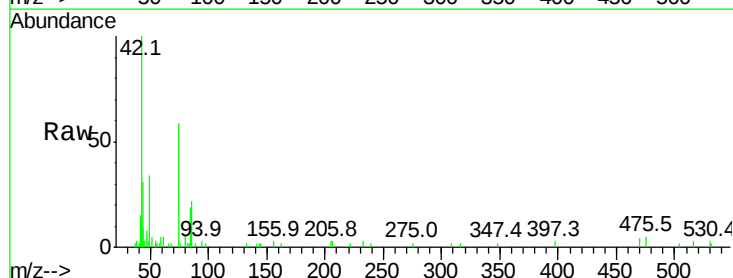
Tgt Ion: 42 Resp: 13322

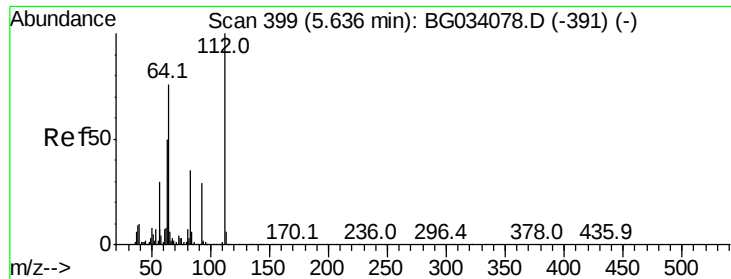
Ion Ratio Lower Upper

42 100

74 59.2 102.5 153.7#

44 9.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 130.249 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034098.D

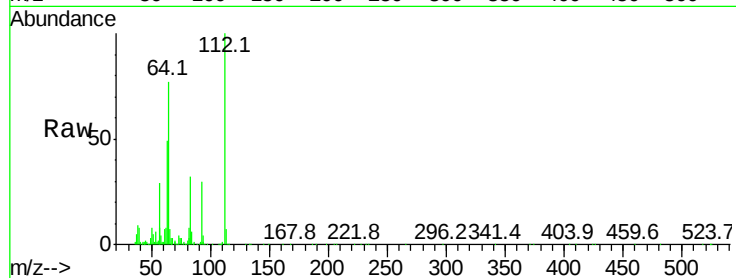
Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

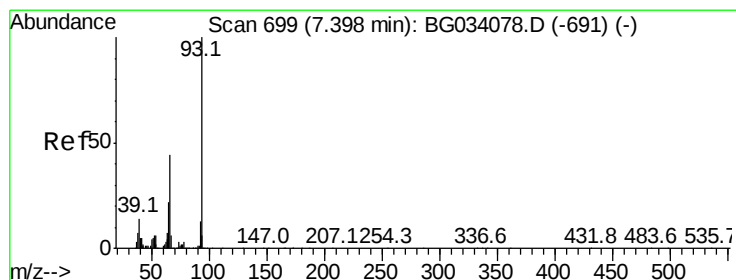
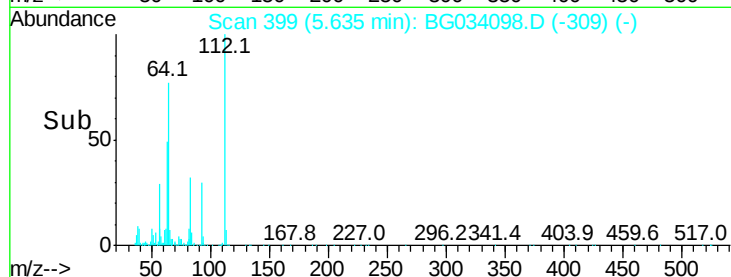
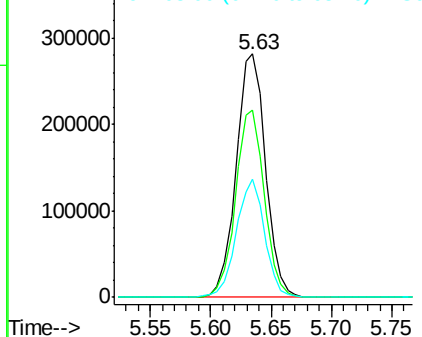
Tot Ion	Ratio	Lower	Upper
112	100		
64	76.7	56.3	84.5
63	48.7	30.1	45.1



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: 5.048 ng

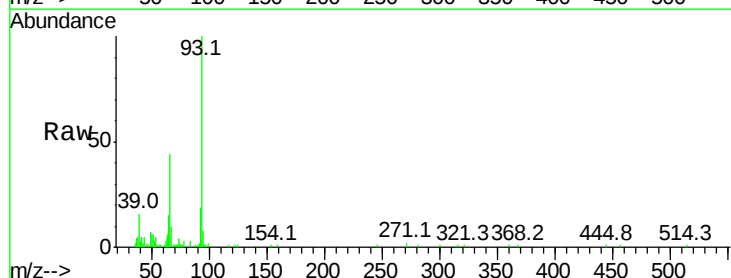
RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

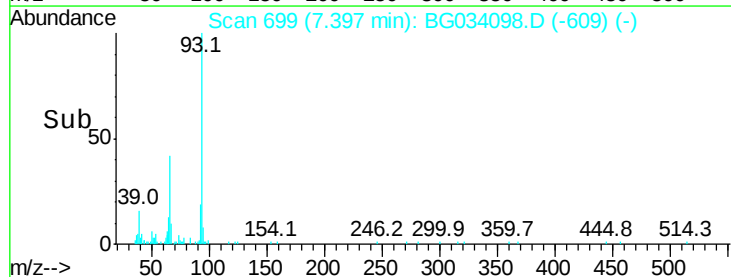
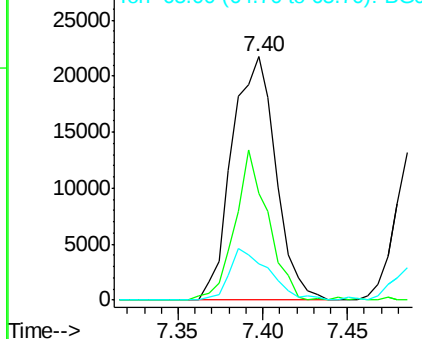
Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.8	33.7	50.5
65	14.7	16.1	24.1

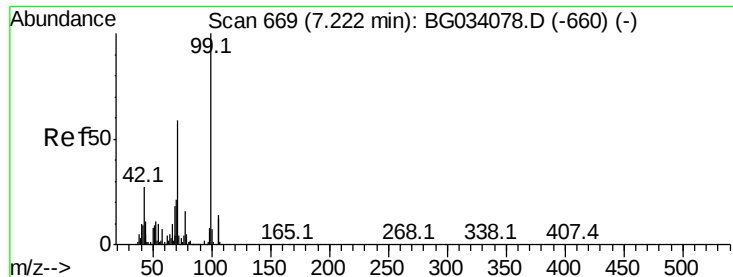


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.398 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

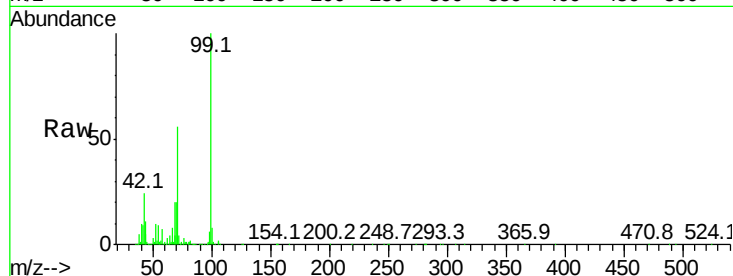
Tot Ion: 99 Resp: 722205

Ion Ratio Lower Upper

99 100

42 24.5 14.1 21.1#

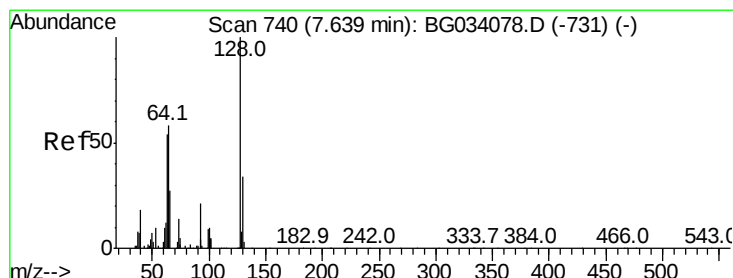
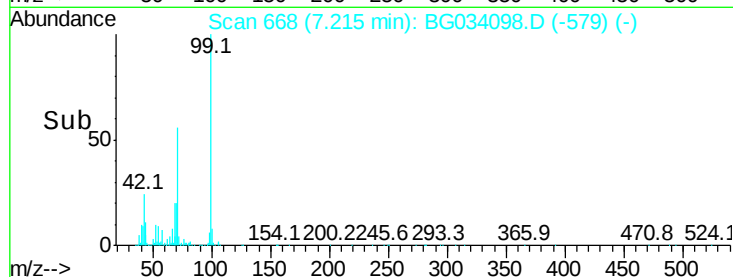
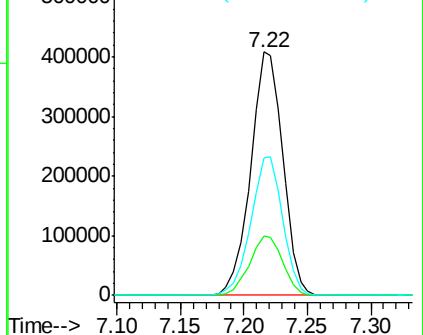
71 56.4 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 4.729 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

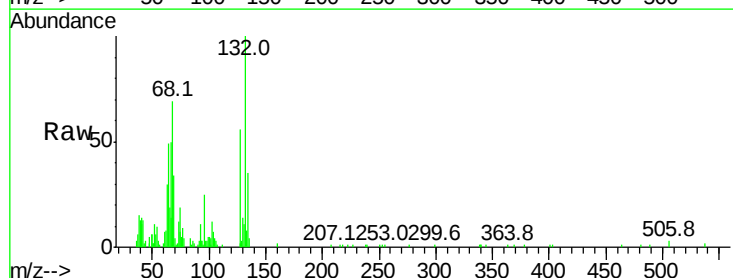
Tgt Ion: 128 Resp: 17320

Ion Ratio Lower Upper

128 100

130 24.8 14.0 54.0

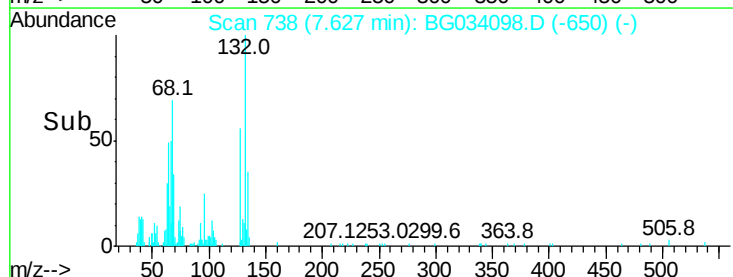
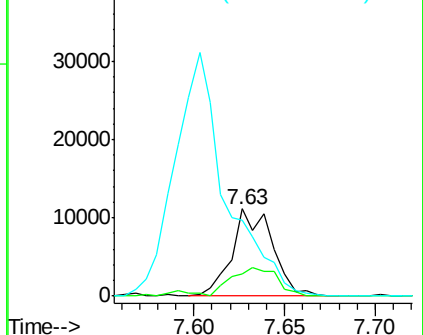
64 87.7 37.7 77.7#

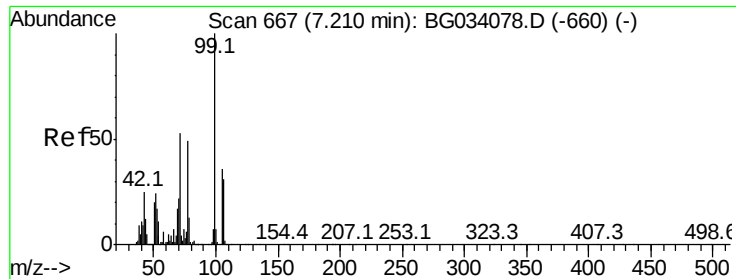


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 2.540 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampled :

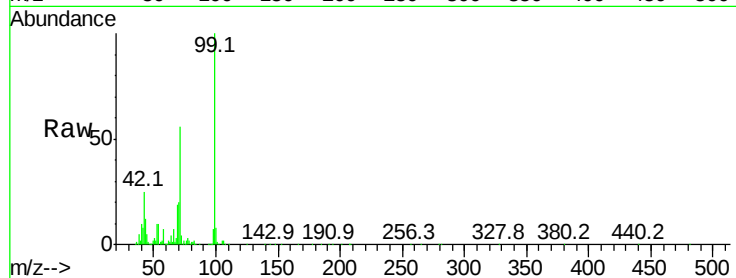
Tot Ion: 77 Resp: 14928

Ion Ratio Lower Upper

77 100

105 66.9 71.3 111.3#

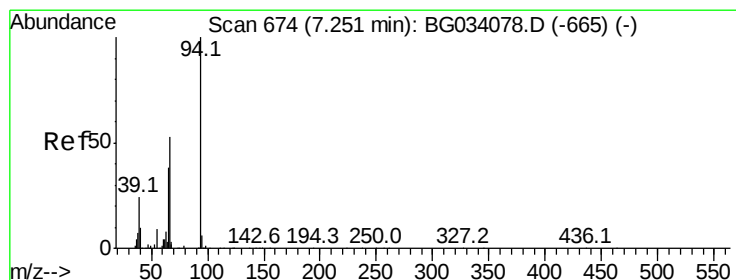
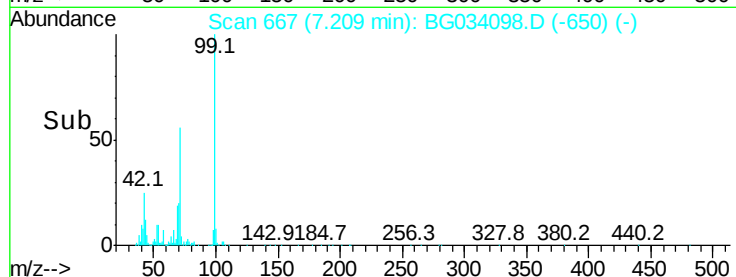
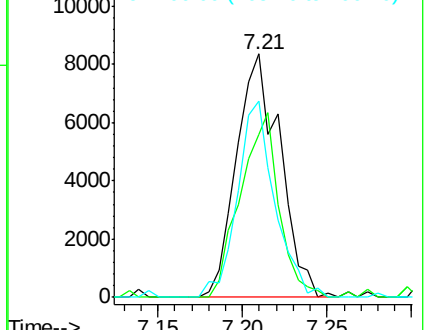
106 80.4 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 4.573 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

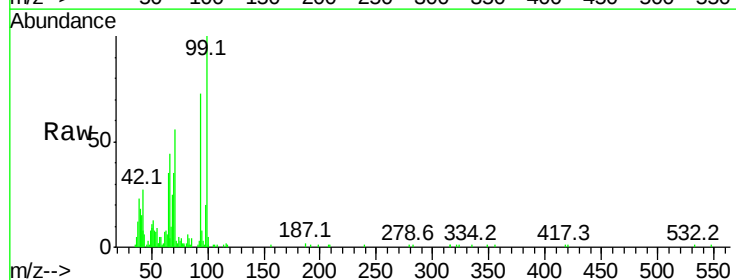
Tgt Ion: 94 Resp: 26351

Ion Ratio Lower Upper

94 100

65 48.5 11.9 51.9

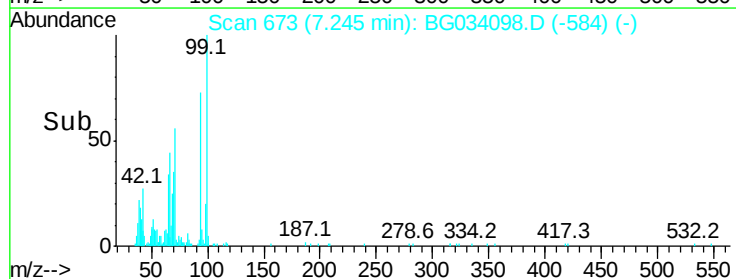
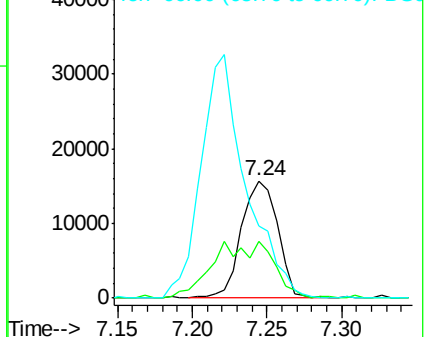
66 61.2 22.2 62.2

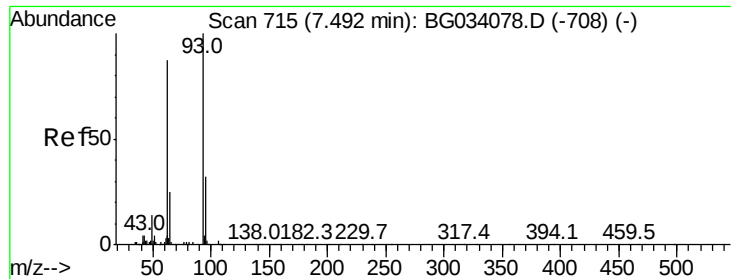


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

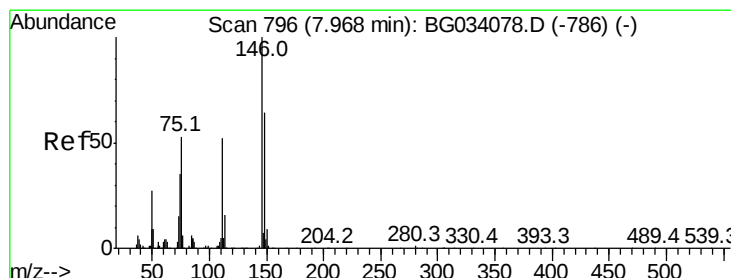
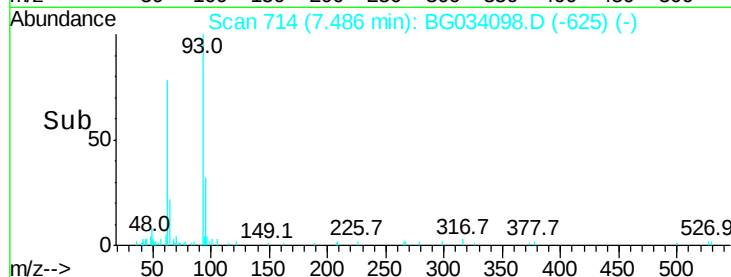
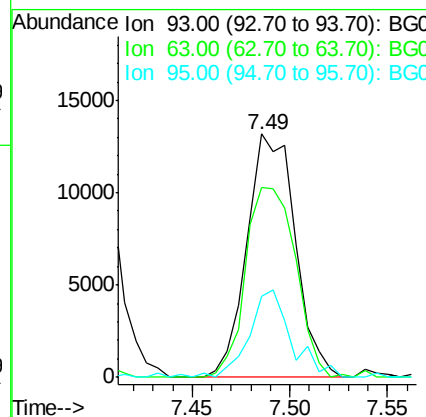
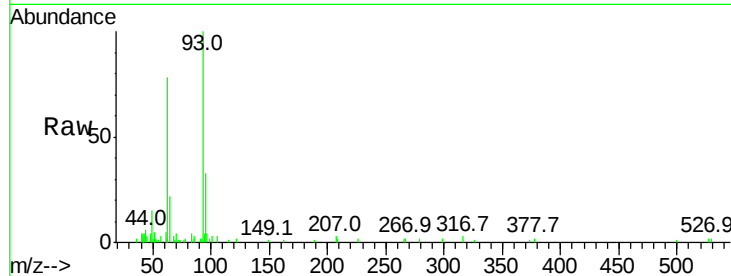




#11
 bis(2-Chloroethyl)ether
 Concen: 4.967 ng
 RT: 7.49 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

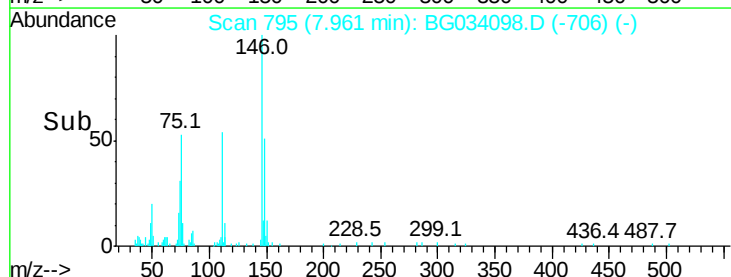
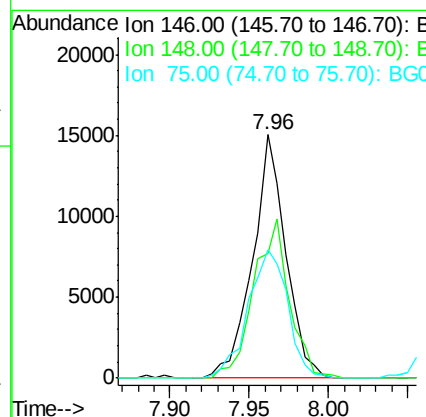
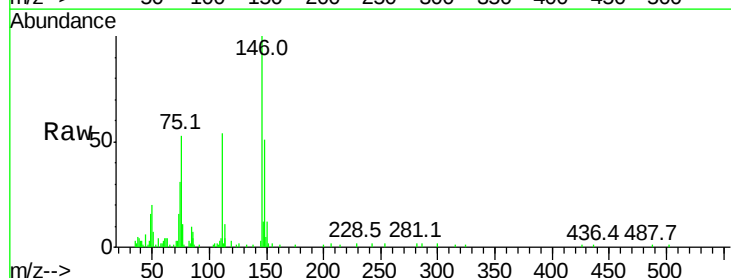
Instrument :
 BNA_G
 ClientSampleId :

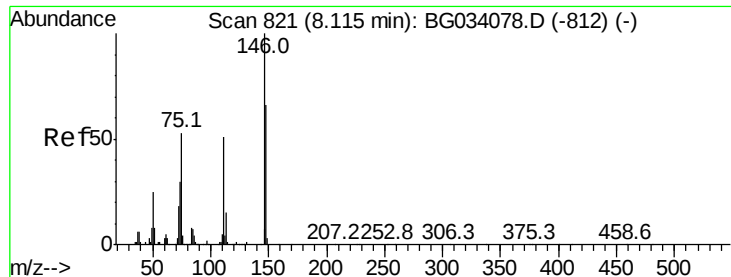
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	67.1	107.1
95	33.0	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 4.729 ng
 RT: 7.96 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	51.0	51.4	77.2#
75	52.8	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 5.247 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

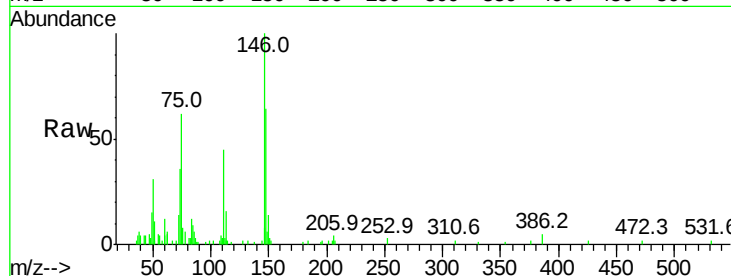
Tot Ion:146 Resp: 24143

Ion Ratio Lower Upper

146 100

148 63.6 53.7 80.5

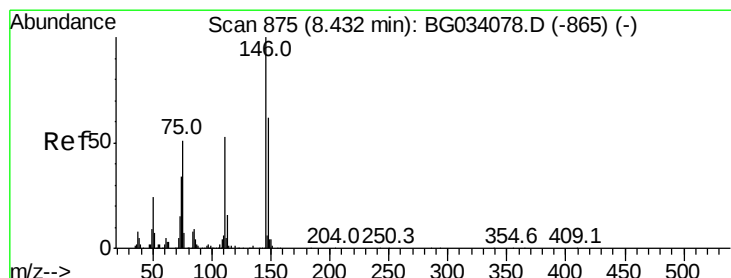
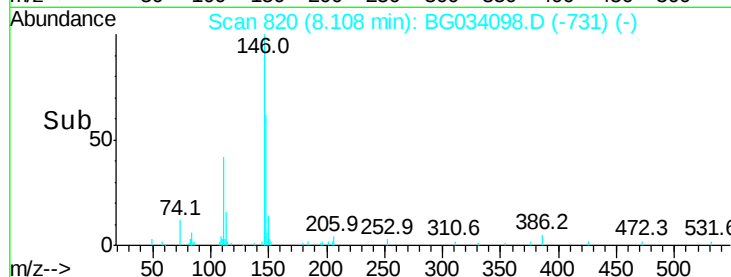
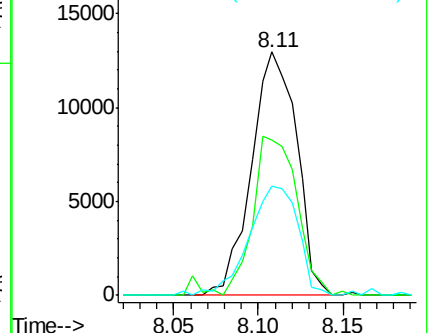
111 44.8 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 5.216 ng

RT: 8.43 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

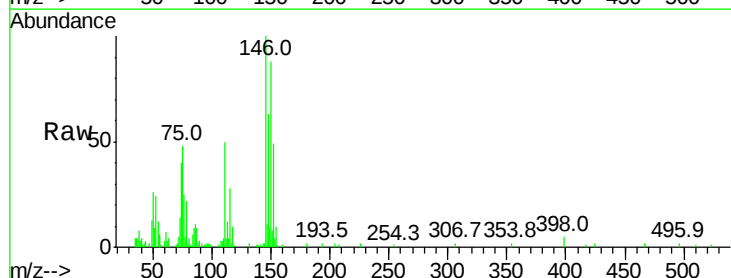
Tgt Ion:146 Resp: 22796

Ion Ratio Lower Upper

146 100

148 63.4 49.3 73.9

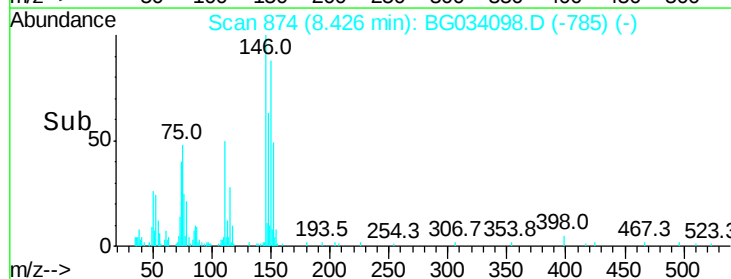
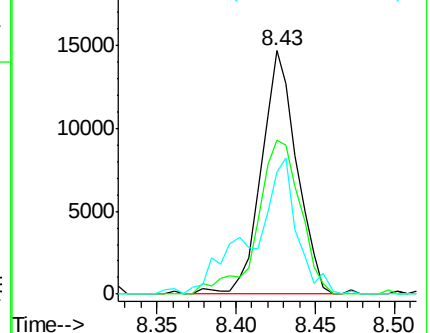
111 50.0 34.3 51.5

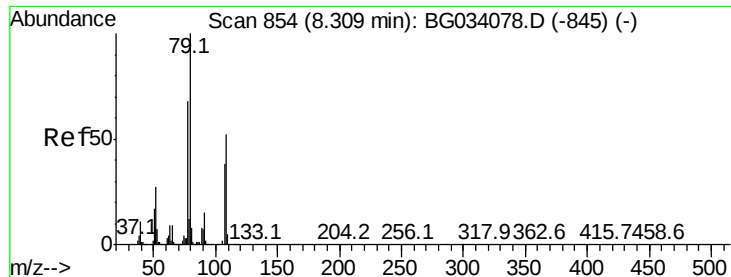


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.927 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG034098.D

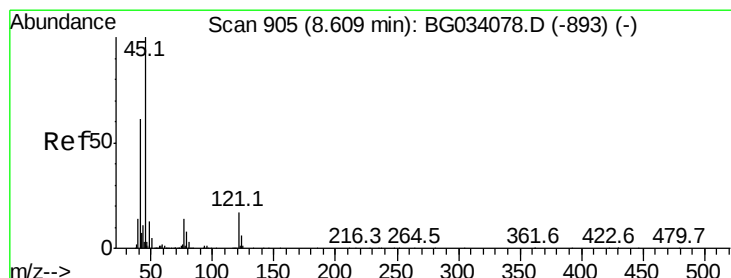
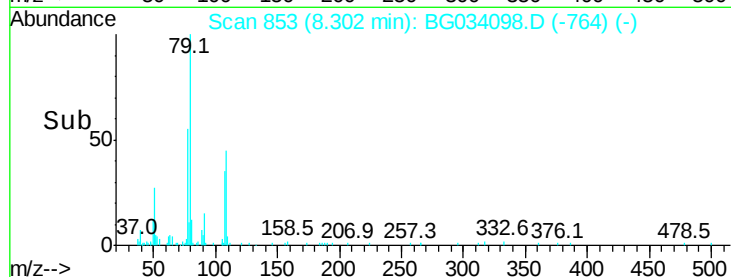
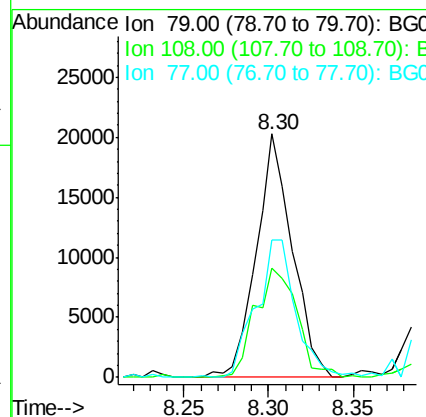
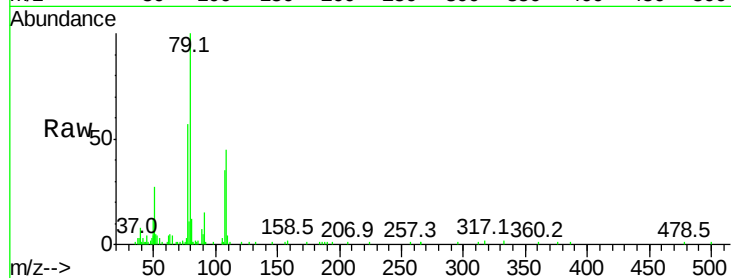
Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion	79	Resp	30033
Ion	Ratio	Lower	Upper
79	100		
108	44.7	57.2	85.8#
77	56.5	46.1	69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.640 ng

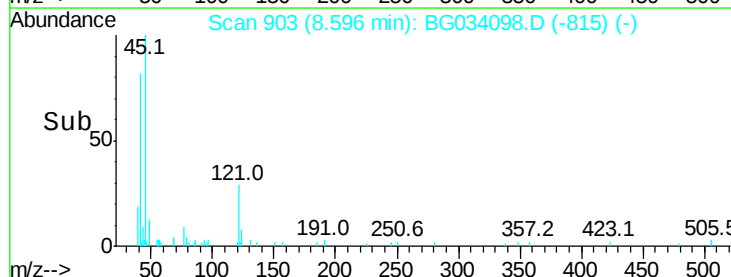
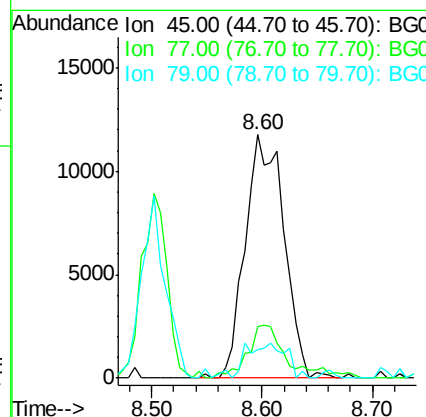
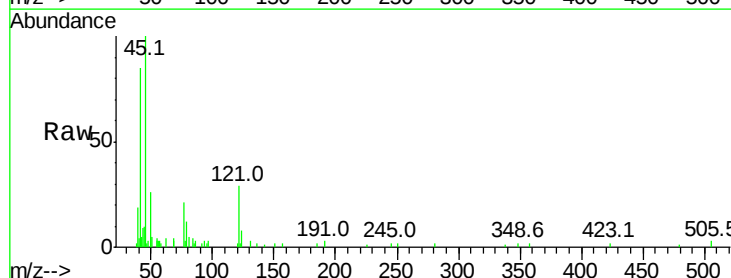
RT: 8.60 min Scan# 903

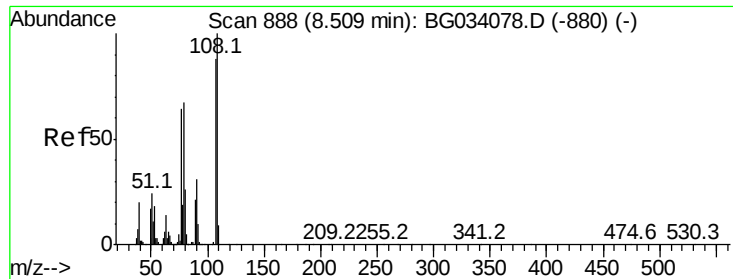
Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Tgt Ion	45	Resp	28967
Ion	Ratio	Lower	Upper
45	100		
77	21.2	0.0	30.2
79	11.7	0.0	27.9

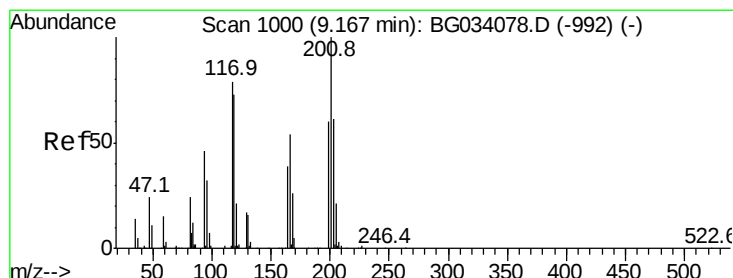
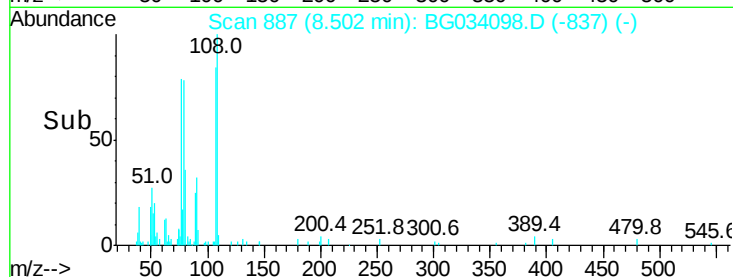
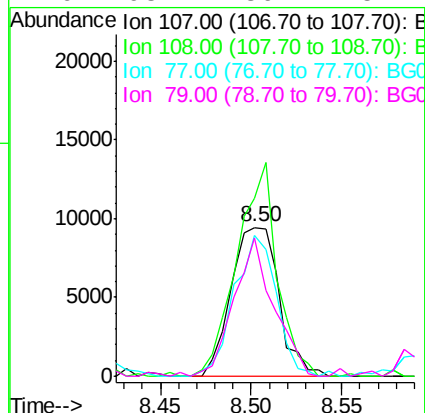
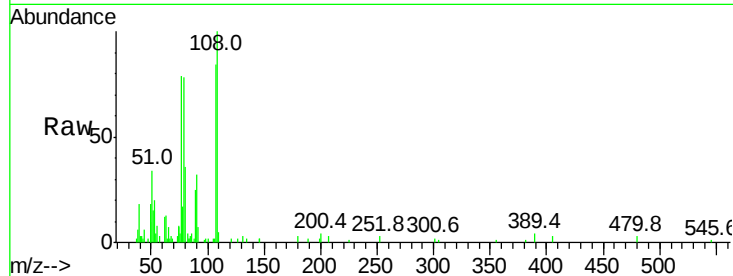




#17
2-Methylphenol
Concen: 4.558 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

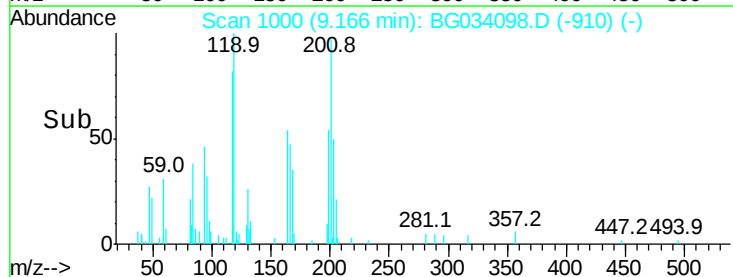
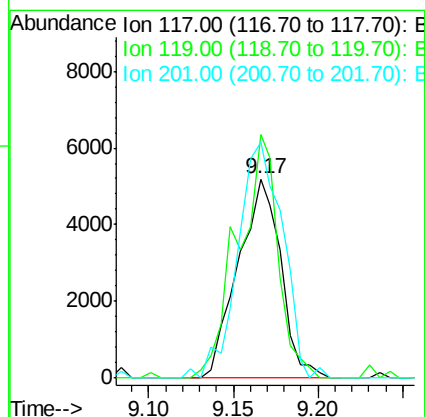
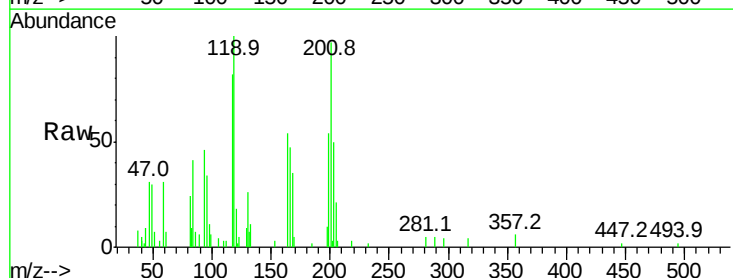
Instrument :
BNA_G
ClientSampleId :

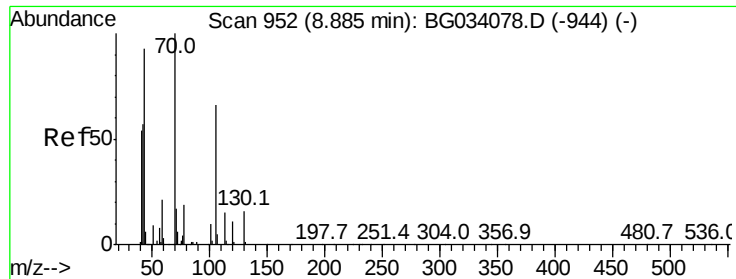
Tot Ion:107 Resp: 17282
Ion Ratio Lower Upper
107 100
108 119.4 83.9 125.9
77 94.5 37.2 55.8#
79 93.2 36.2 54.2#



#18
Hexachloroethane
Concen: 4.661 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion:117 Resp: 9123
Ion Ratio Lower Upper
117 100
119 122.1 76.7 115.1#
201 118.7 95.7 143.5

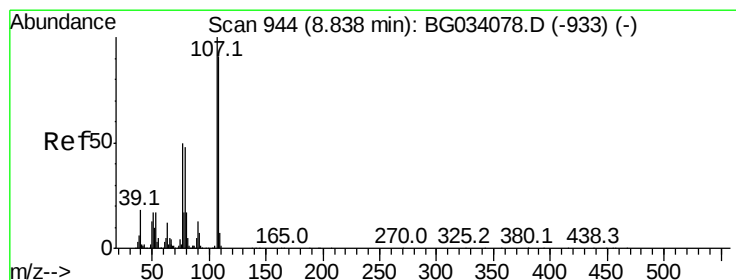
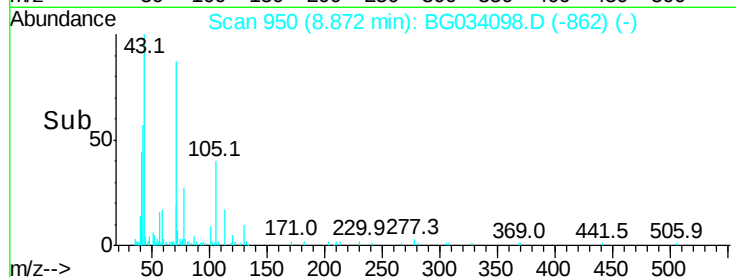
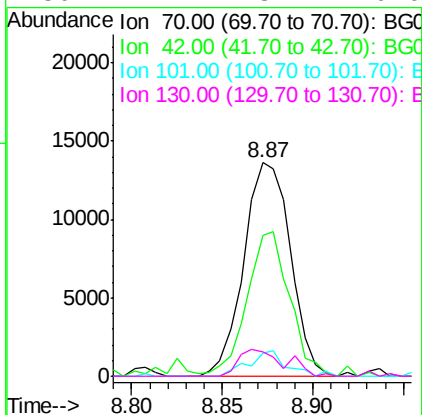
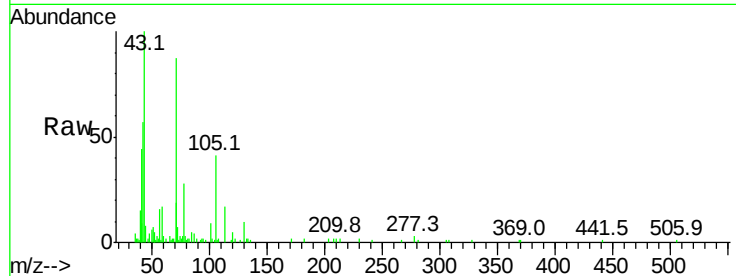




#19
n-Nitroso-di-n-propylamine
Concen: 4.739 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

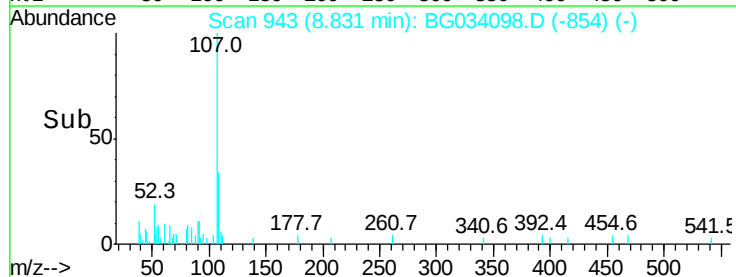
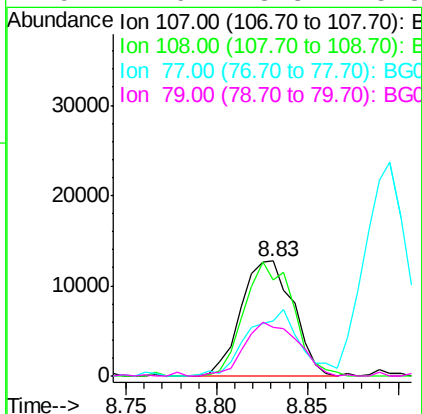
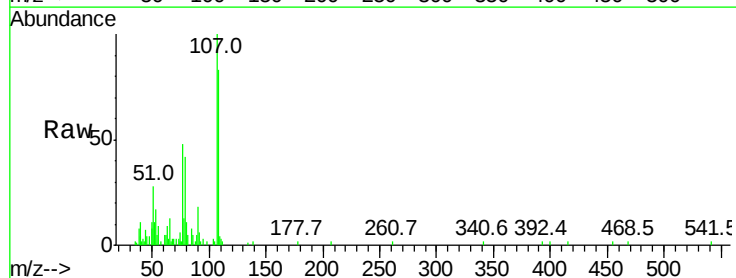
Instrument :
BNA_G
ClientSampleId :

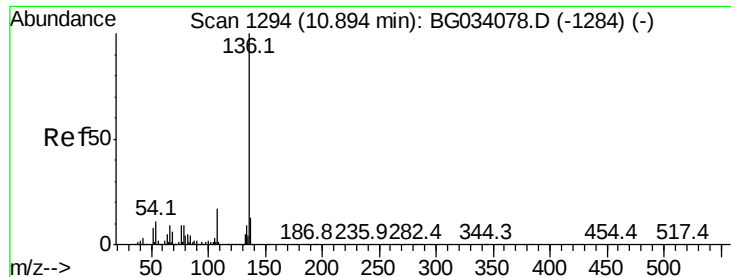
Tot Ion: 70 Resp: 24318
Ion Ratio Lower Upper
70 100
42 66.1 49.1 73.7
101 10.8 8.5 12.7
130 11.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 4.551 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion: 107 Resp: 25556
Ion Ratio Lower Upper
107 100
108 83.4 61.6 101.6
77 47.5 13.9 53.9
79 41.9 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: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 243632

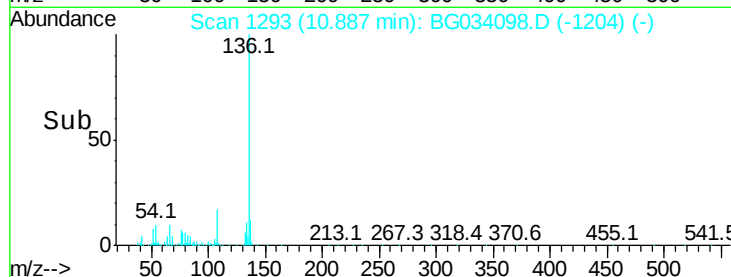
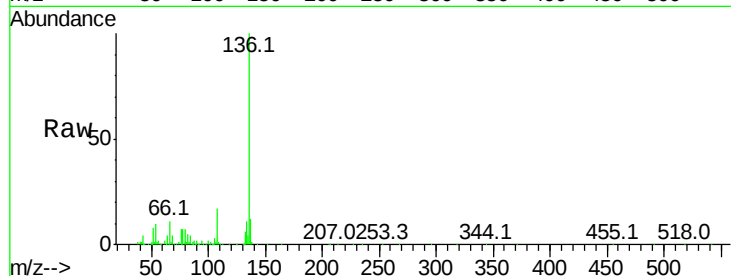
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 10.3 10.3 15.5#

68 4.4 4.5 6.7#



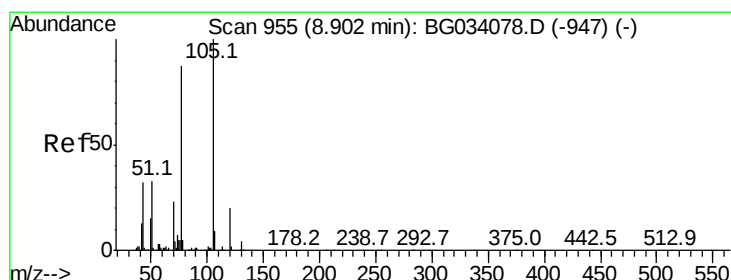
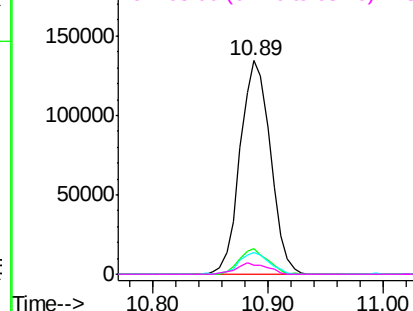
Abundance

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): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 5.259 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Tgt Ion:105 Resp: 43644

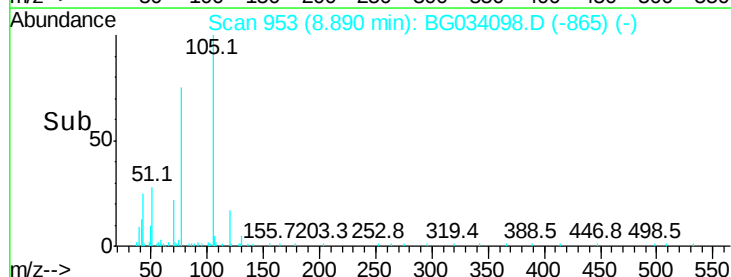
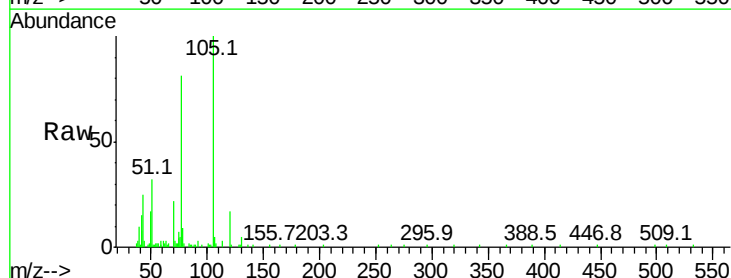
Ion Ratio Lower Upper

105 100

71 3.3 3.0 4.4

51 31.7 26.1 39.1

120 17.1 17.4 26.2#



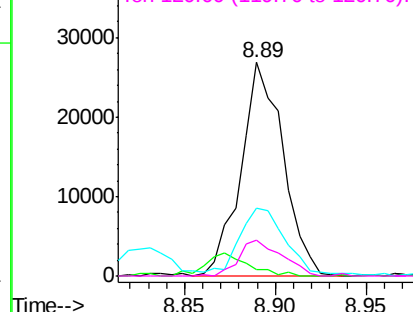
Abundance

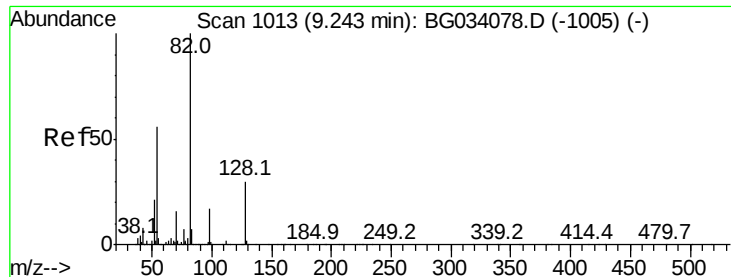
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

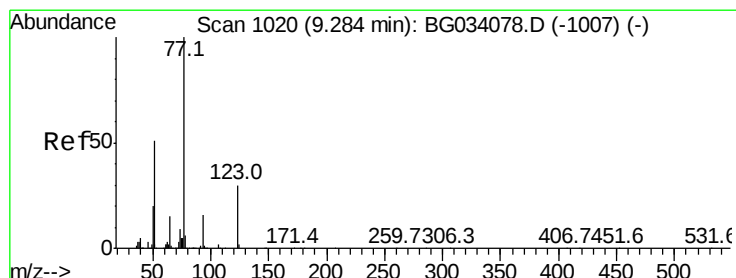
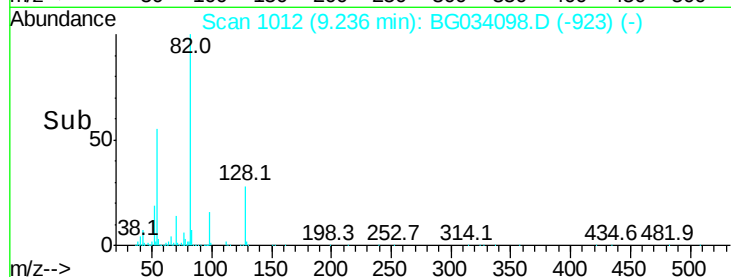
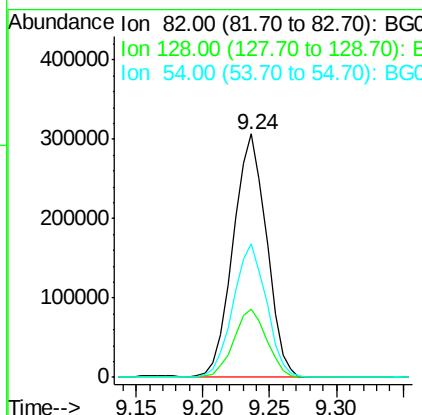
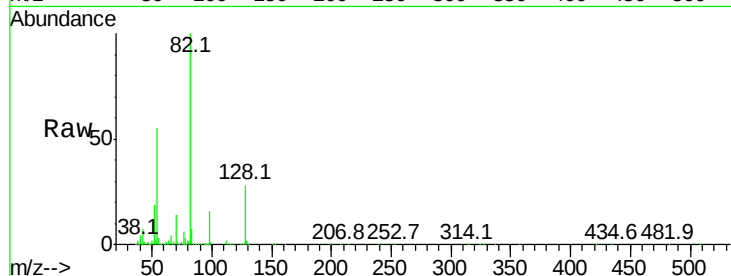




#23
 Nitrobenzene-d5
 Concen: 83.984 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

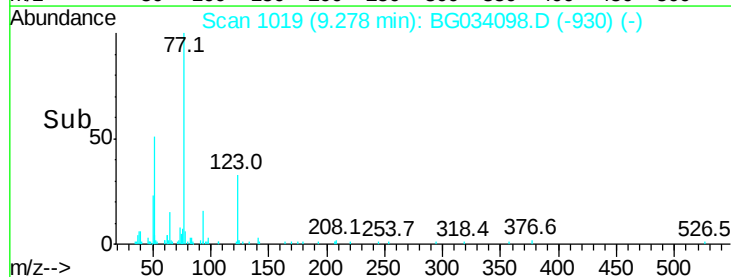
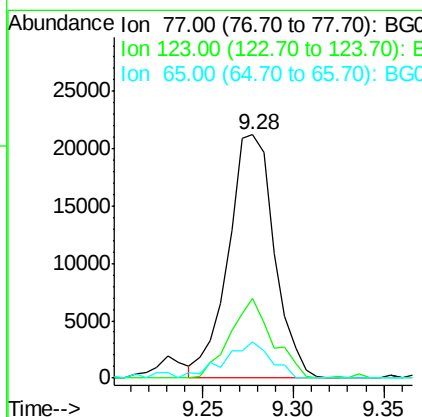
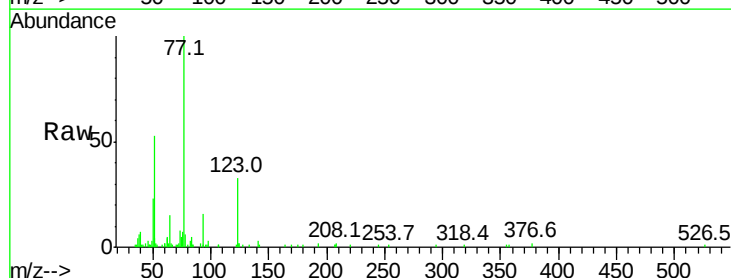
Instrument :
 BNA_G
 ClientSampleId :

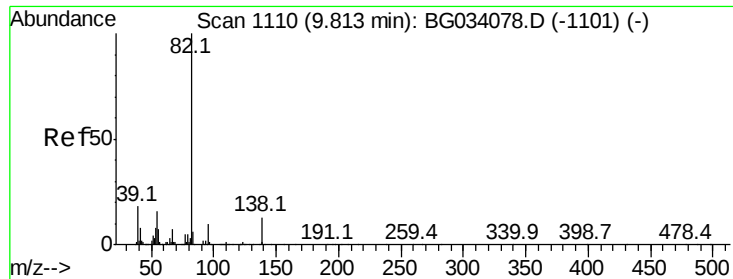
Tot Ion	Ratio	Lower	Upper
82	100		
128	28.0	29.7	44.5#
54	54.6	43.1	64.7



#24
 Nitrobenzene
 Concen: 5.372 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.8	33.0	49.6#
65	15.1	13.0	19.6





#25

Isophorone

Concen: 4.773 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

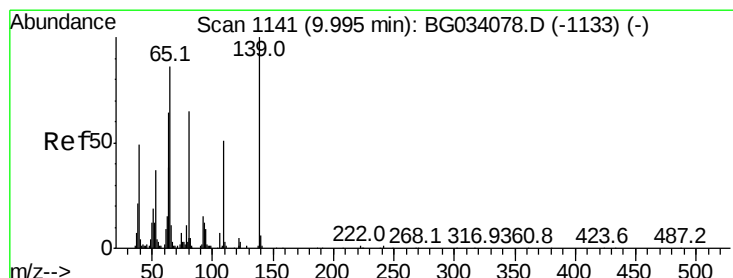
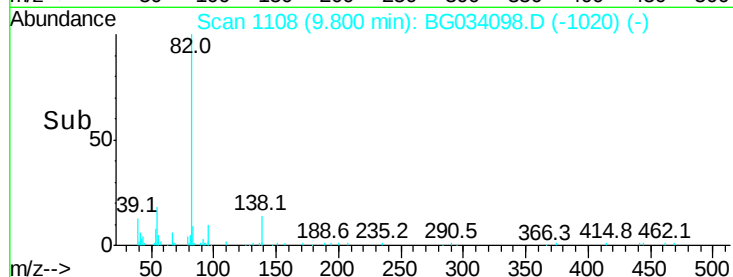
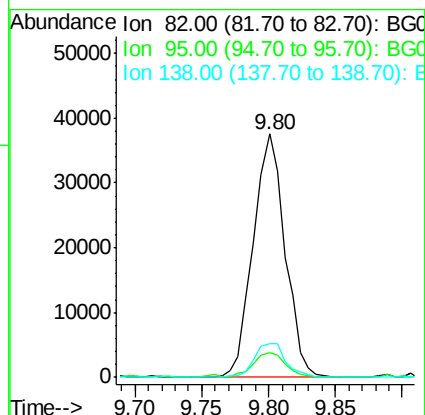
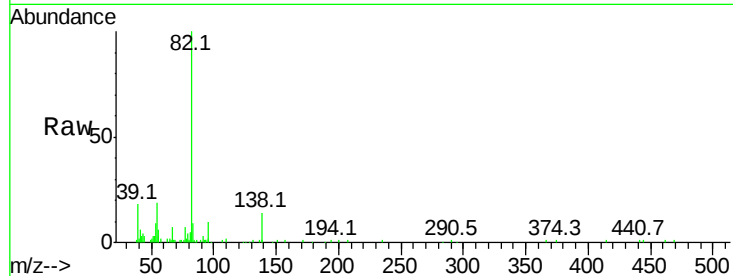
Tot Ion: 82 Resp: 61826

Ion Ratio Lower Upper

82 100

95 10.2 6.2 9.2#

138 14.1 12.1 18.1



#26

2-Nitrophenol

Concen: 4.198 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

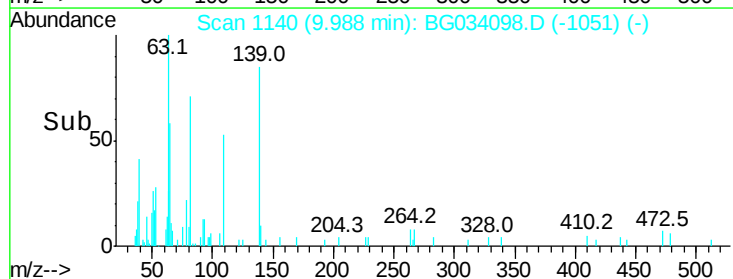
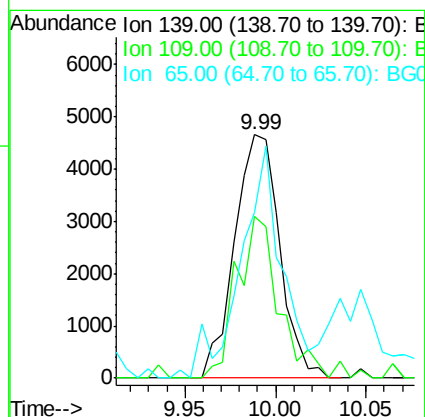
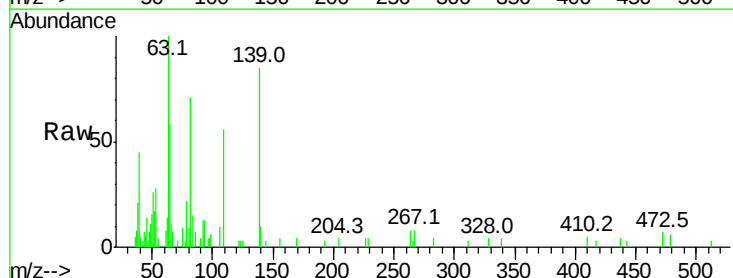
Tgt Ion: 139 Resp: 8078

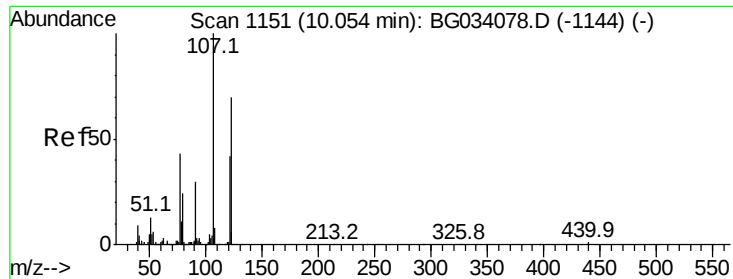
Ion Ratio Lower Upper

139 100

109 66.2 24.2 36.2#

65 67.9 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 4.818 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

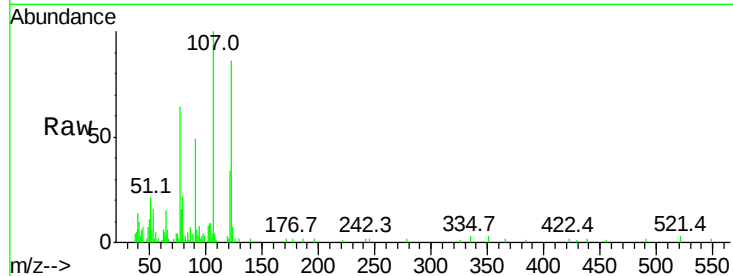
Tot Ion:122 Resp: 17974

Ion Ratio Lower Upper

122 100

107 116.5 100.2 150.2

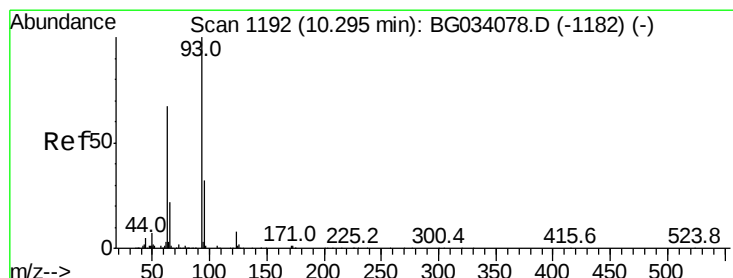
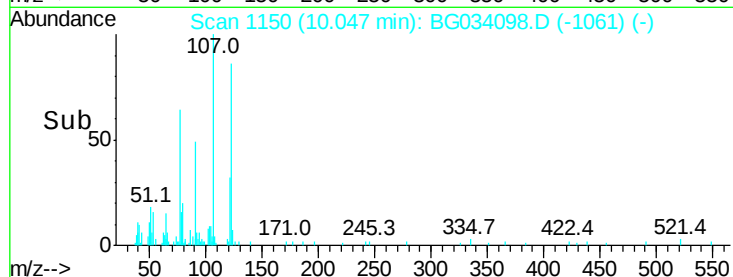
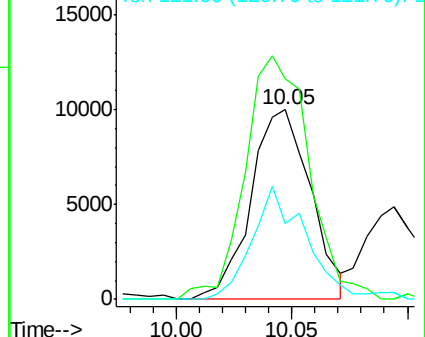
121 40.2 44.4 66.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.307 ng

RT: 10.29 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

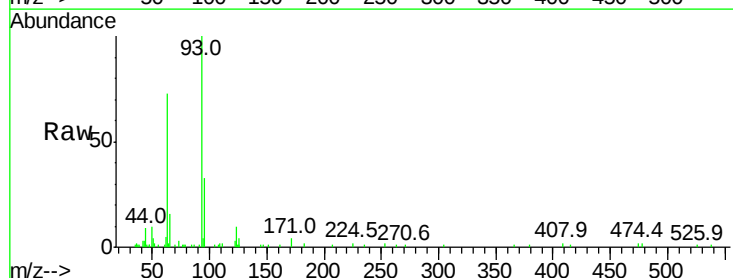
Tgt Ion: 93 Resp: 33766

Ion Ratio Lower Upper

93 100

95 32.9 24.3 36.5

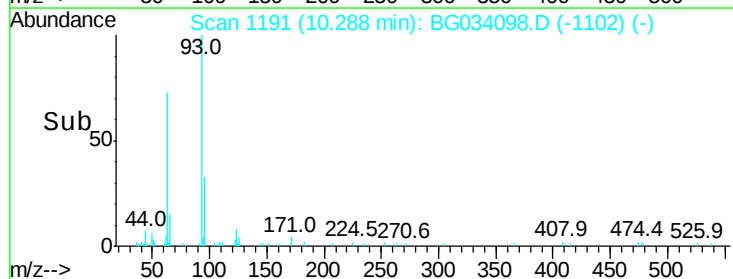
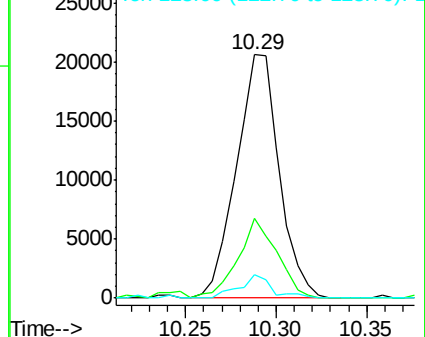
123 9.6 8.4 12.6

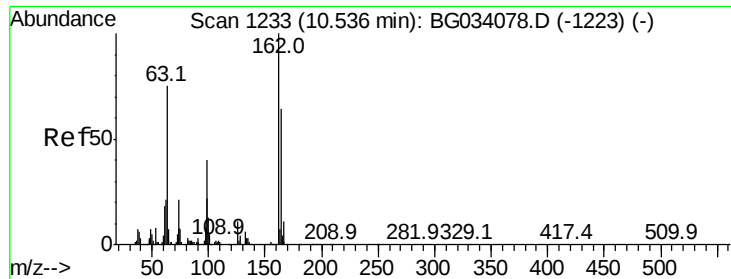


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

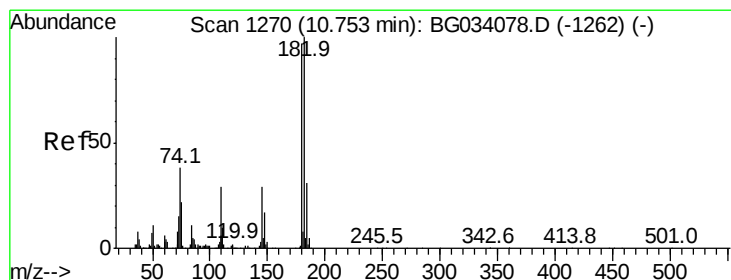
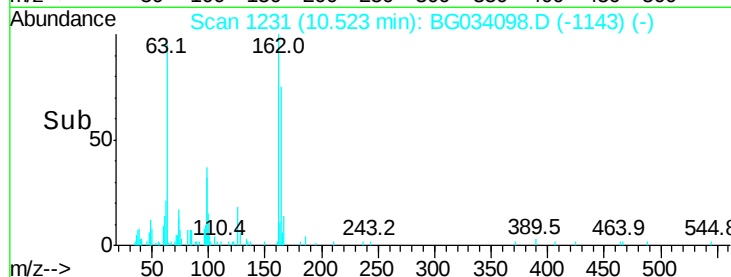
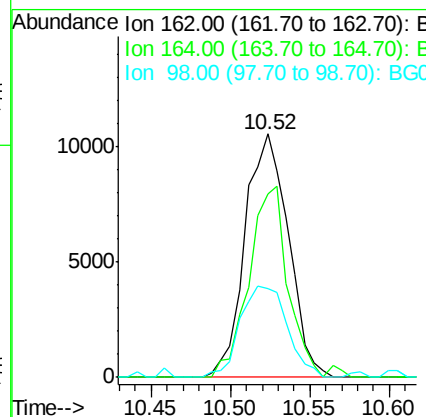
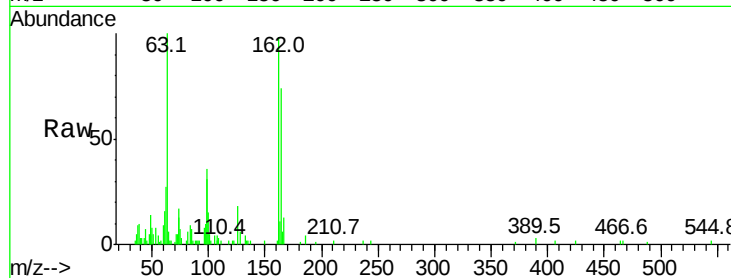




#29
 2,4-Dichlorophenol
 Concen: 4.487 ng
 RT: 10.52 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

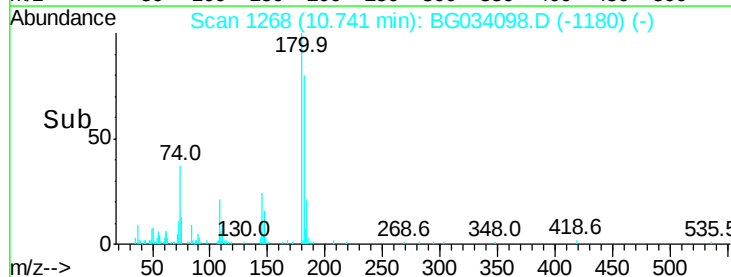
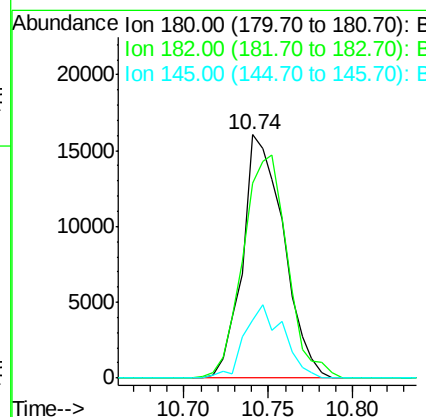
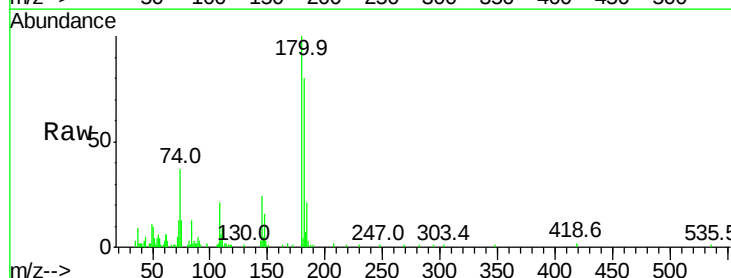
Instrument :
 BNA_G
 ClientSampleId :

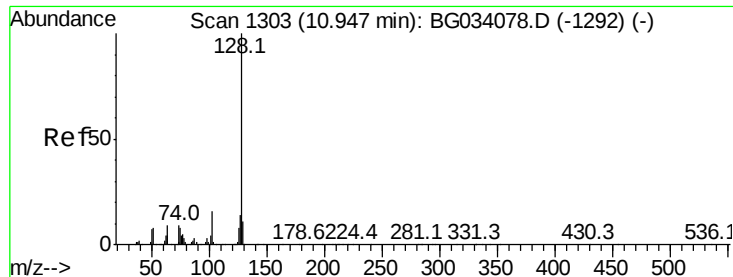
Tot Ion	Ratio	Lower	Upper
162	100		
164	75.4	48.0	88.0
98	36.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 5.038 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	80.0	77.5	116.3
145	24.0	23.4	35.2

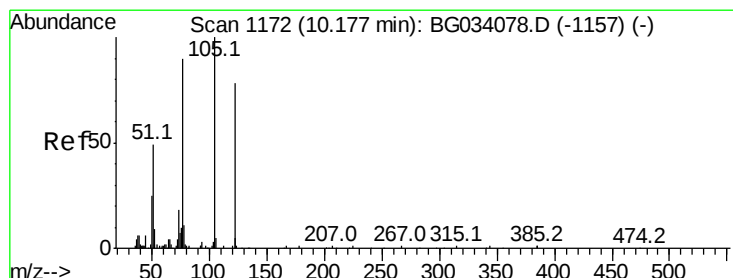
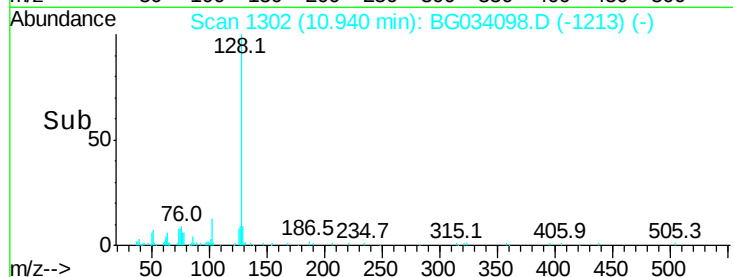
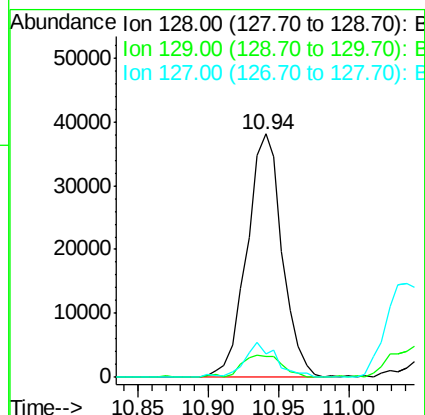
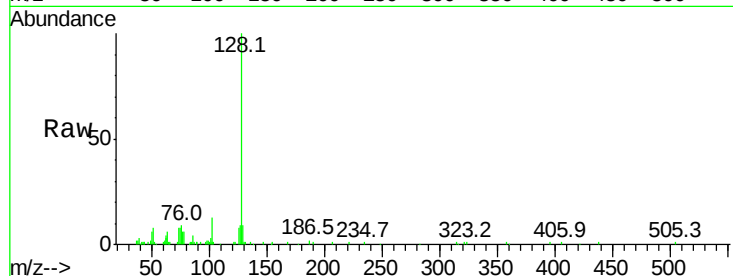




#31
Naphthalene
Concen: 5.217 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

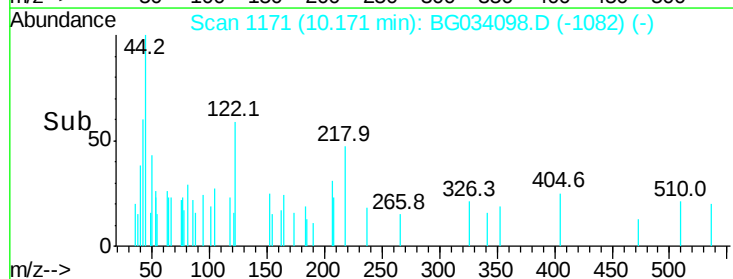
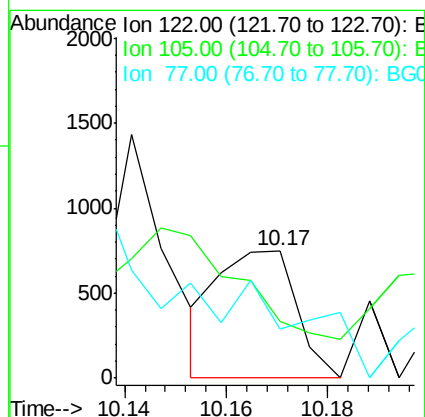
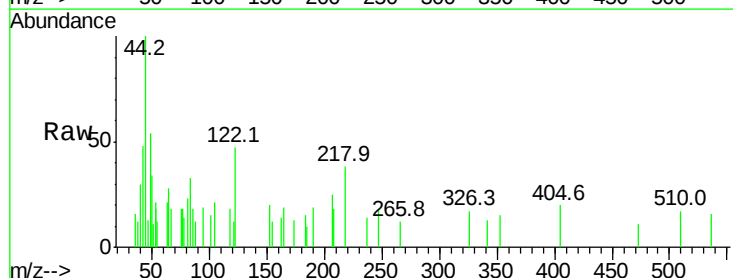
Instrument :
BNA_G
ClientSampleId :

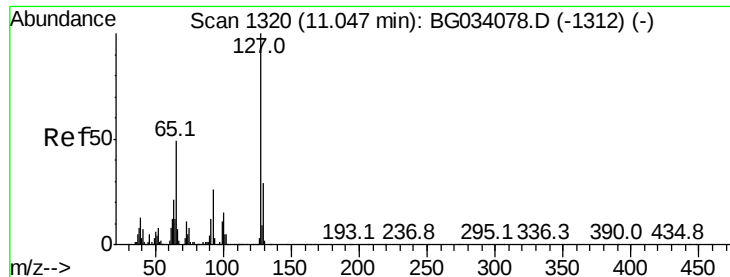
Tot Ion:128 Resp: 66812
Ion Ratio Lower Upper
128 100
129 8.7 8.6 12.8
127 9.4 11.6 17.4#



#32
Benzoic acid
Concen: 3.369 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion:122 Resp: 810
Ion Ratio Lower Upper
122 100
105 44.9 123.5 163.5#
77 38.9 85.7 125.7#

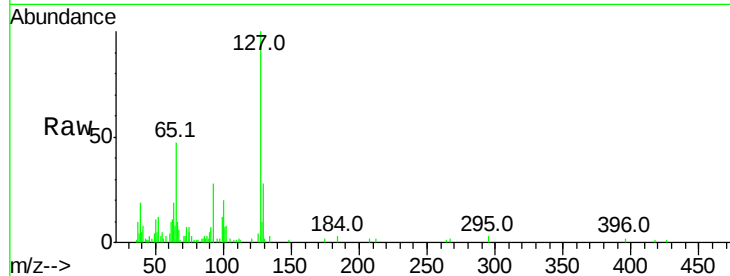




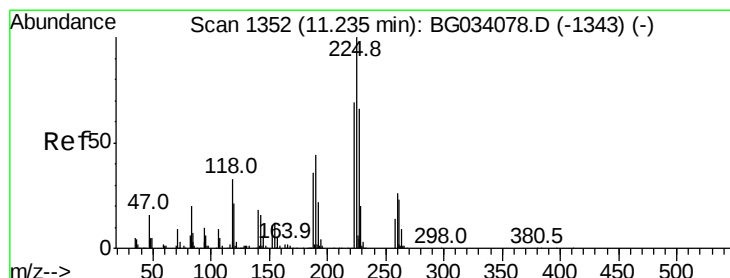
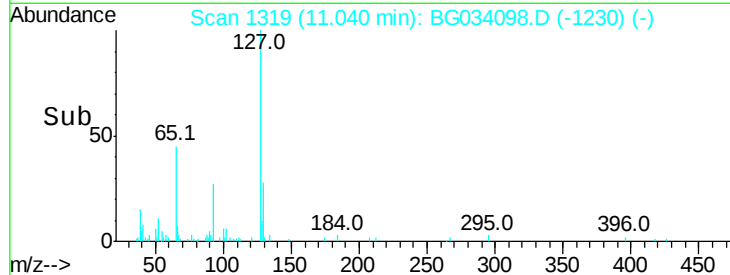
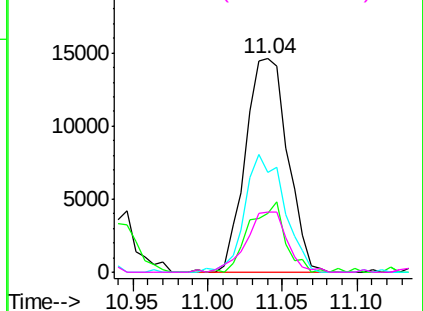
#33
4-Chloroaniline
Concen: 4.931 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	28472
Ion	Ratio	Lower	Upper
127	100		
129	27.5	24.0	36.0
65	46.8	27.0	40.4#
92	28.4	16.6	25.0#

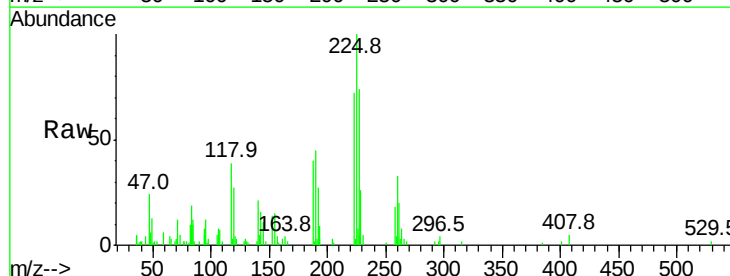


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

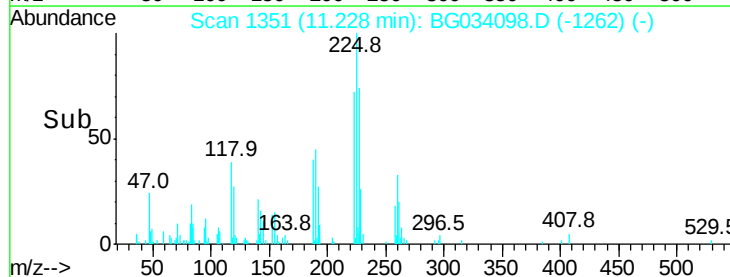
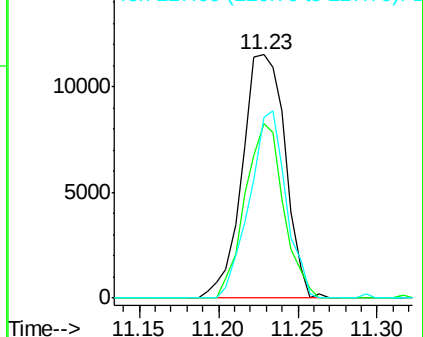


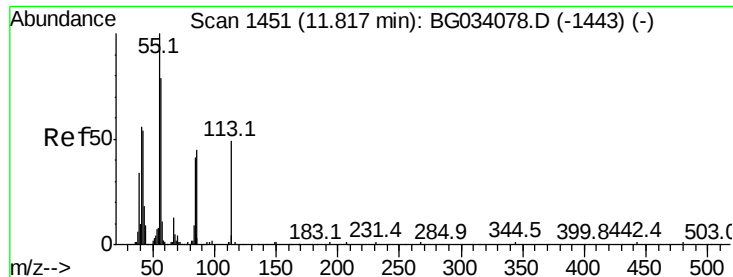
#34
Hexachlorobutadiene
Concen: 4.769 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion:	225	Resp:	21670
Ion	Ratio	Lower	Upper
225	100		
223	74.6	49.7	74.5#
227	74.1	48.1	72.1#



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 5.662 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.04 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampled :

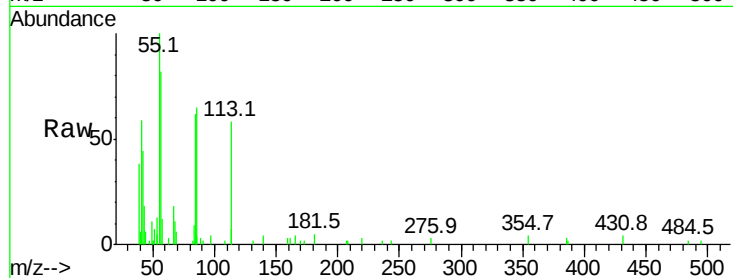
Tot Ion:113 Resp: 8967

Ion Ratio Lower Upper

113 100

55 172.7 186.9 226.9#

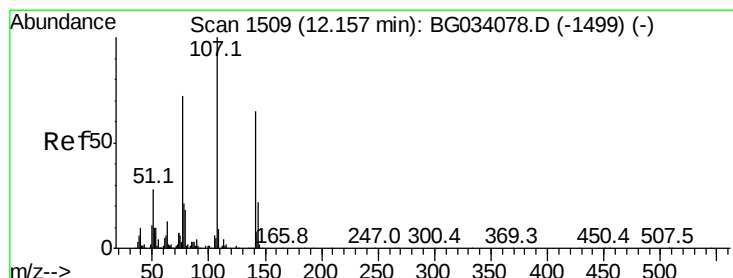
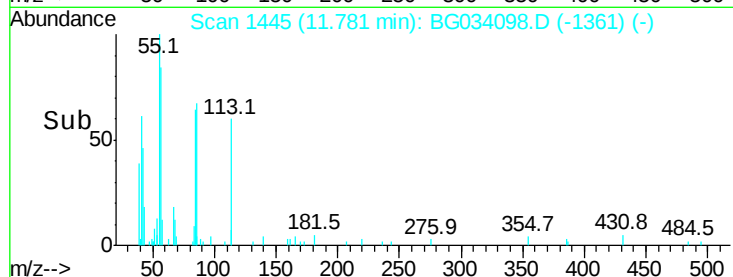
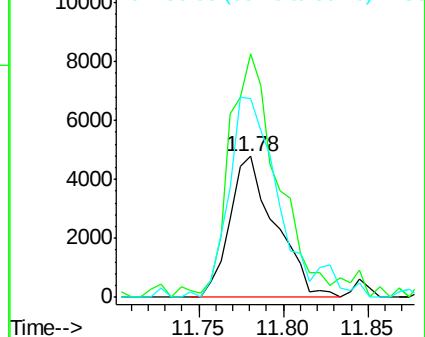
56 140.8 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 4.717 ng

RT: 12.15 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

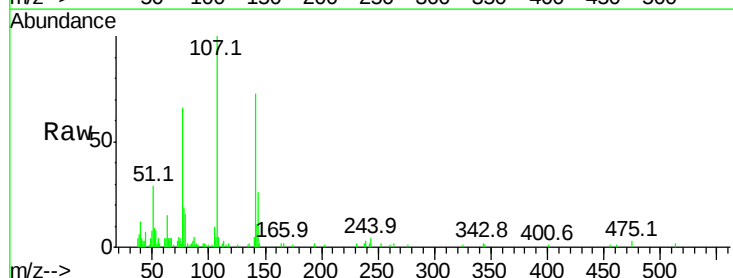
Tgt Ion:107 Resp: 27269

Ion Ratio Lower Upper

107 100

144 25.9 18.2 27.4

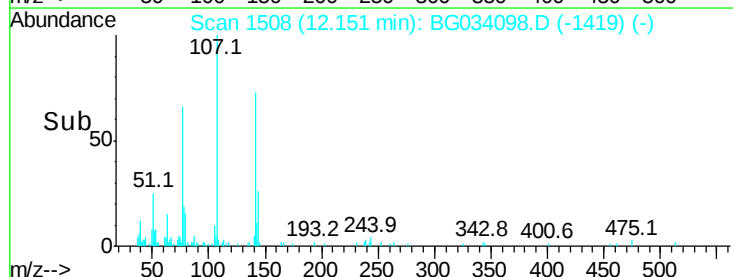
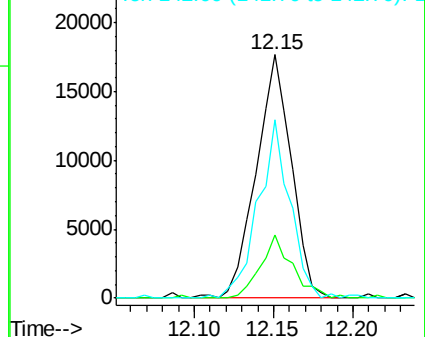
142 73.2 59.0 88.4

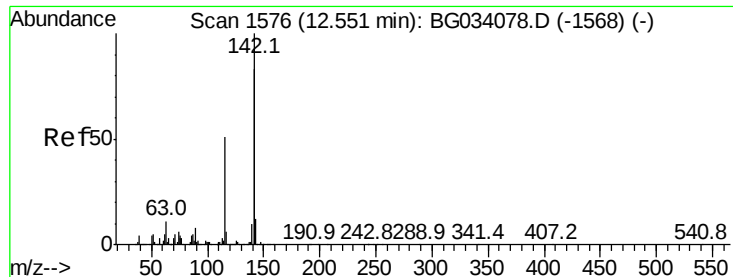


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

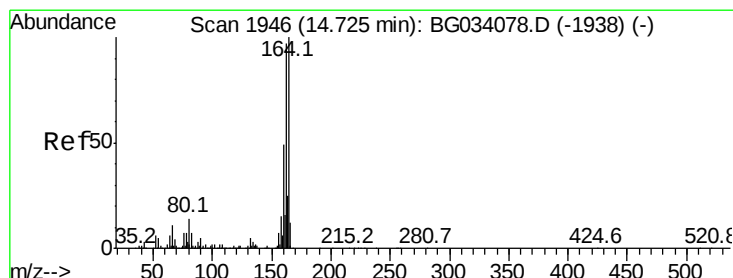
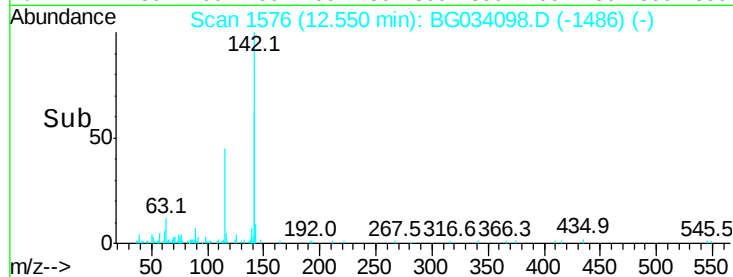
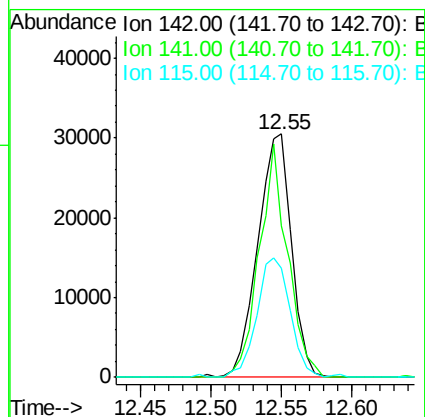
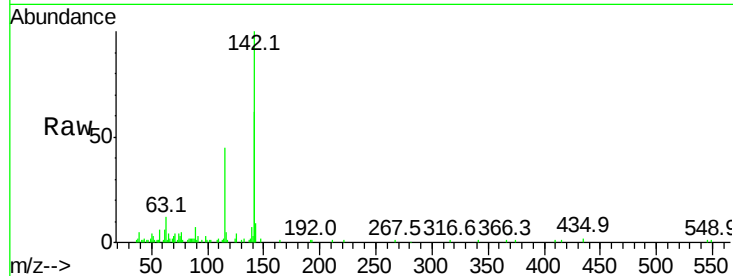




#37
2-Methylnaphthalene
Concen: 4.929 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

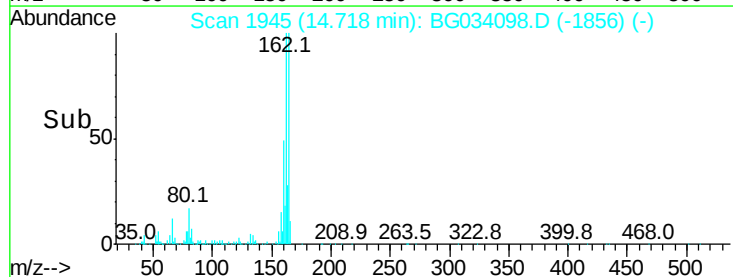
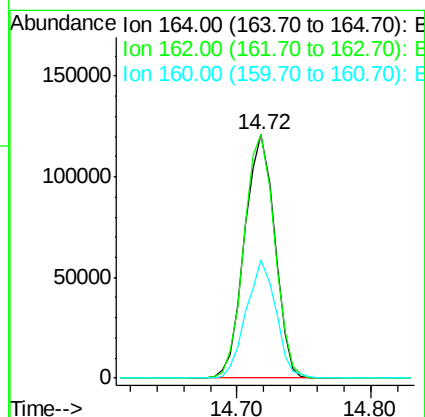
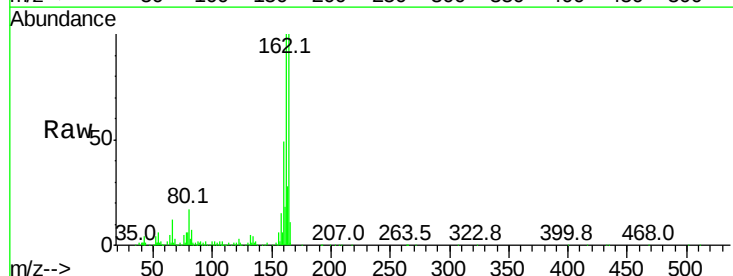
Instrument :
BNA_G
ClientSampleId :

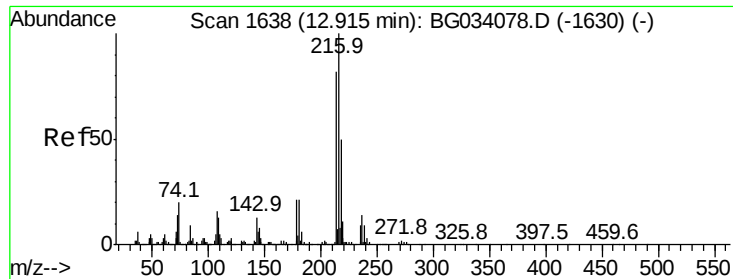
Tot Ion:142 Resp: 51182
Ion Ratio Lower Upper
142 100
141 62.2 67.1 100.7#
115 44.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion:164 Resp: 188692
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 48.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.965 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 36255

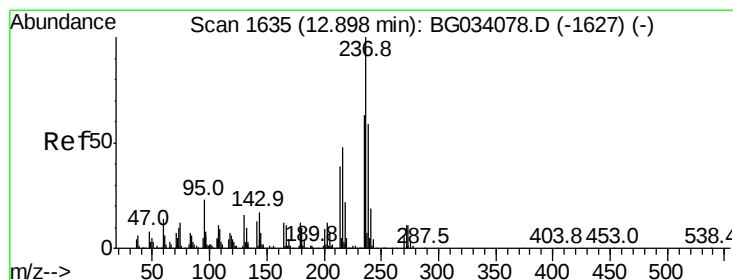
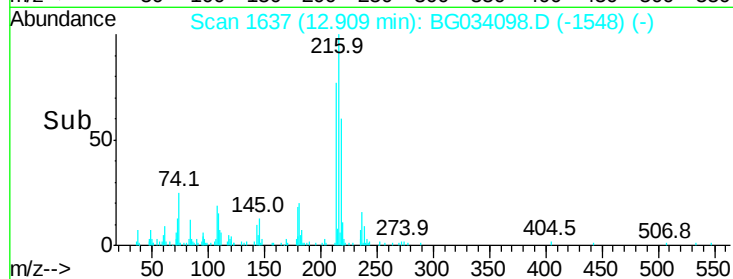
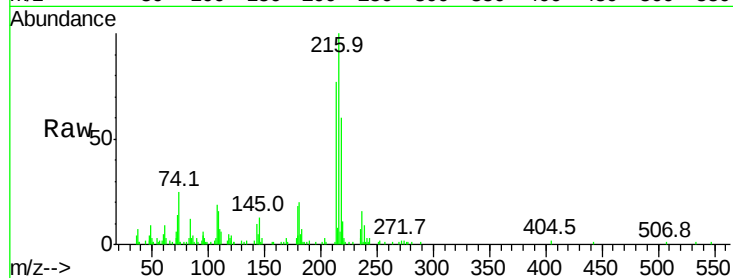
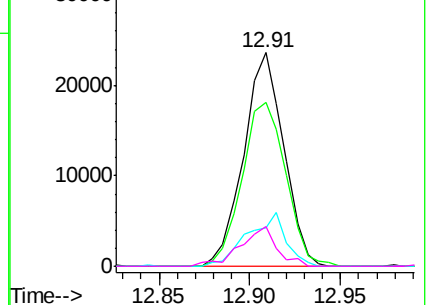
Ion	Ratio	Lower	Upper
216	100		
214	83.3	63.0	94.4
179	23.8	17.0	25.6
108	17.1	12.8	19.2

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: 4.660 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

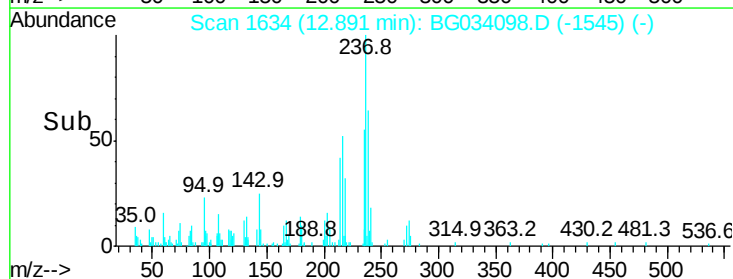
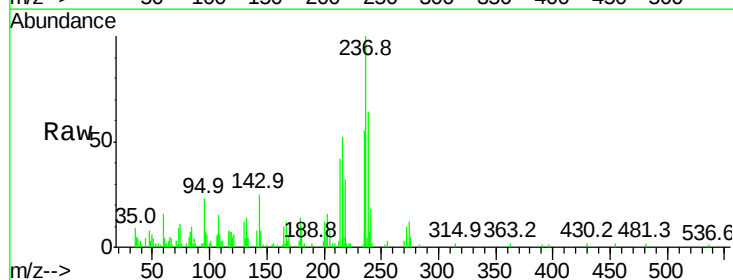
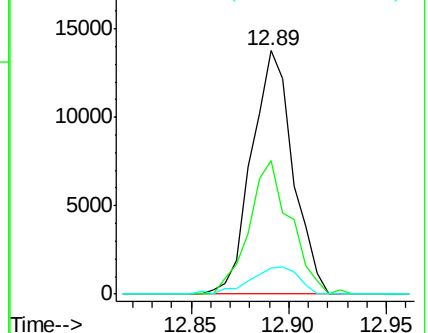
Tgt Ion:237 Resp: 20161

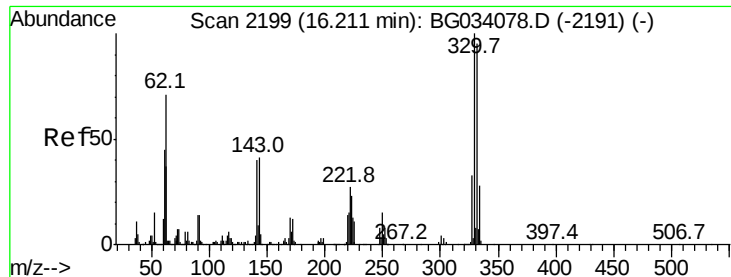
Ion	Ratio	Lower	Upper
237	100		
235	55.0	50.4	90.4
272	10.4	0.0	31.8

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

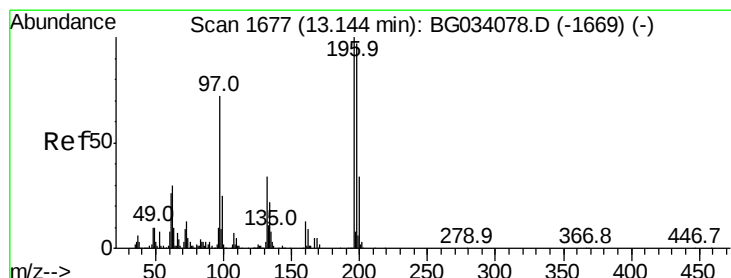
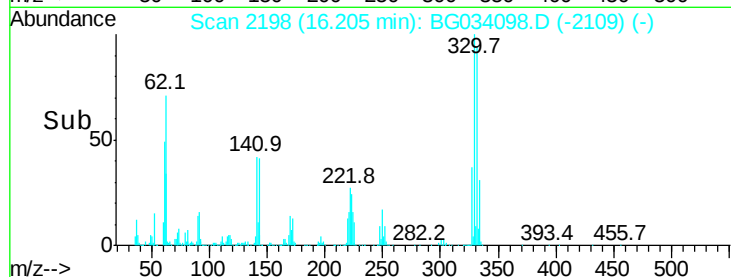
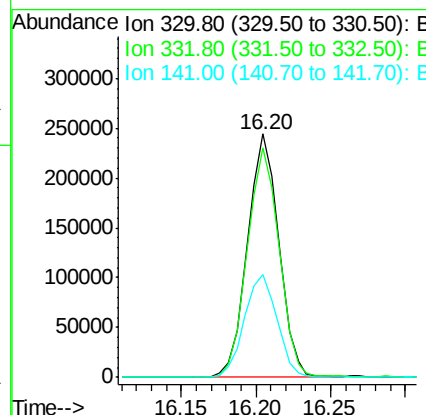
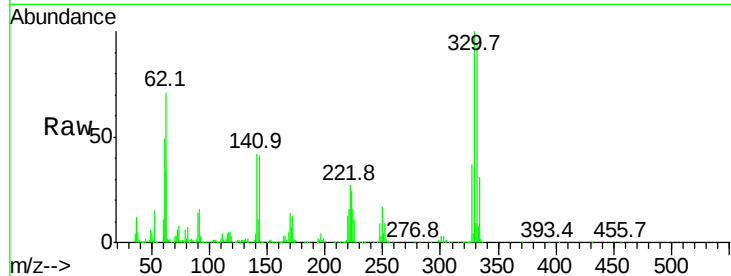




#41
 2,4,6-Tribromophenol
 Concen: 135.810 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

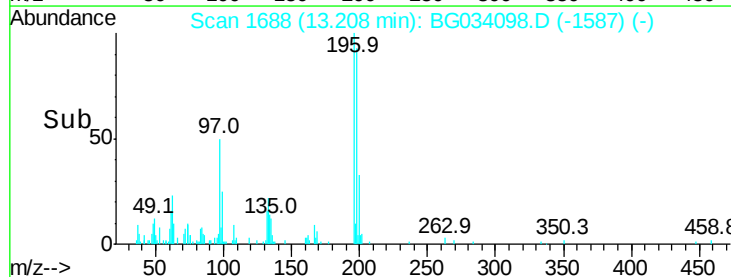
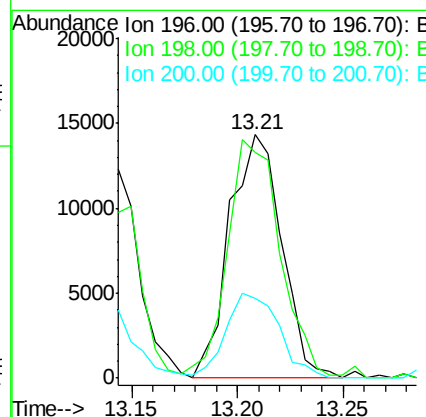
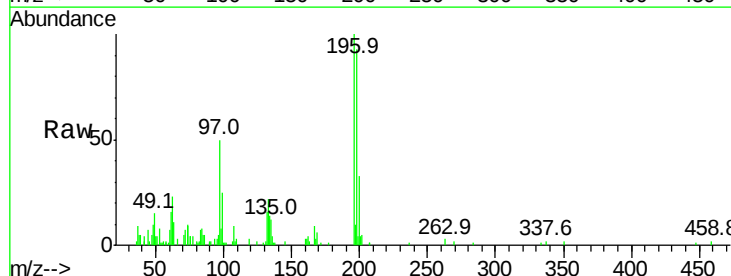
Instrument :
 BNA_G
 ClientSampleId :

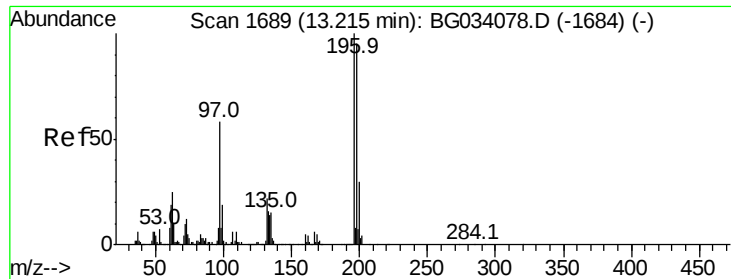
Tot Ion:330 Resp: 354848
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 44.0 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 5.797 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.06 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion:196 Resp: 24594
 Ion Ratio Lower Upper
 196 100
 198 92.6 78.2 117.2
 200 33.0 24.6 36.8

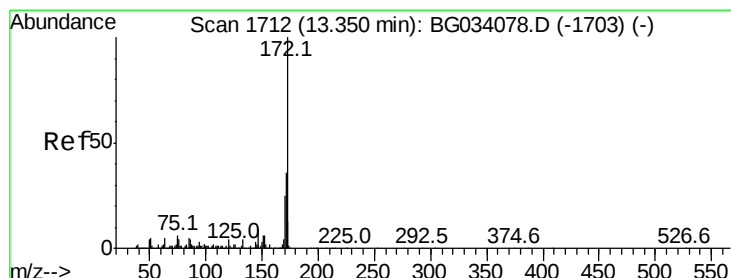
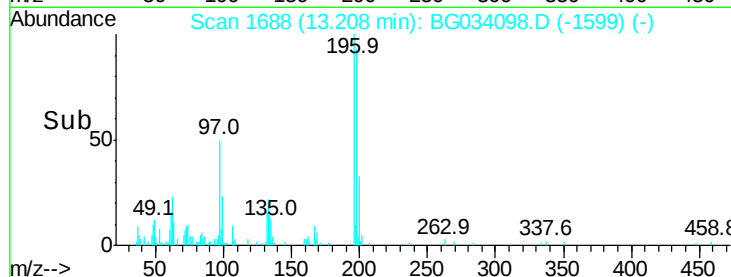
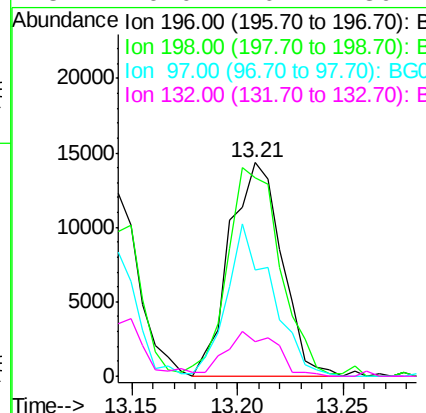
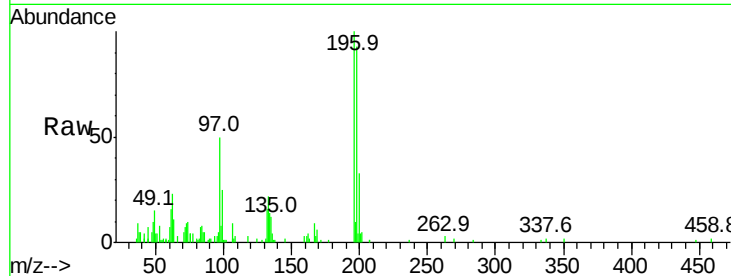




#43
 2,4,5-Trichlorophenol
 Concen: 5.244 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

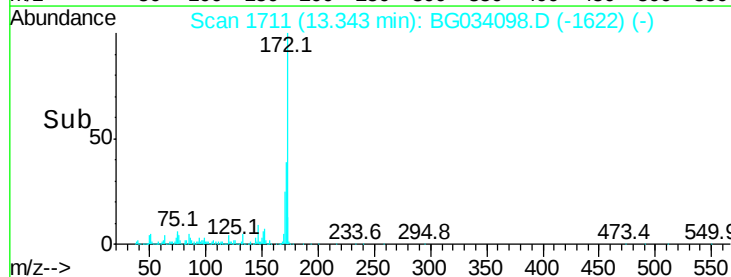
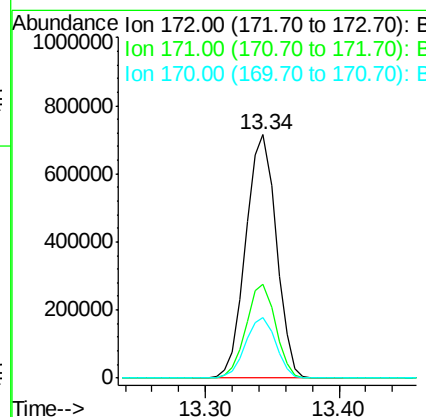
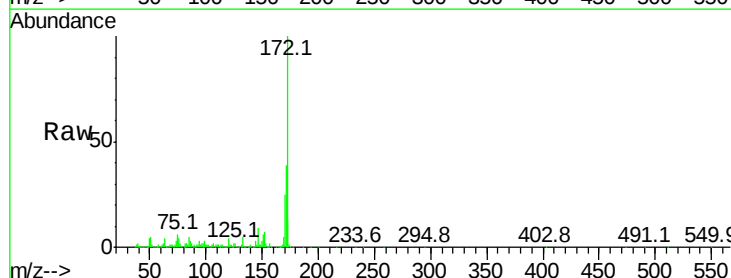
Instrument :
 BNA_G
 ClientSampleId :

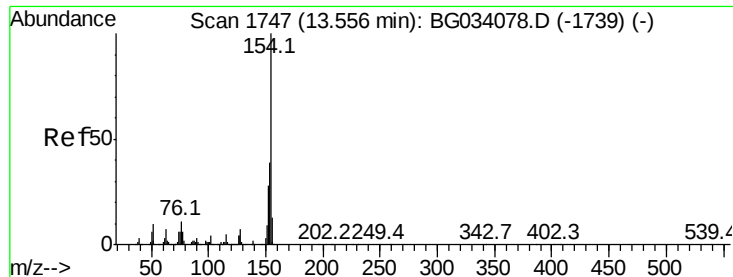
Tot Ion:196 Resp: 24594
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.2 114.4
 97 50.0 38.7 58.1
 132 16.0 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 86.727 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion:172 Resp: 1123060
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.0 19.5 29.3





#45

1,1'-Biphenyl

Concen: 5.349 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

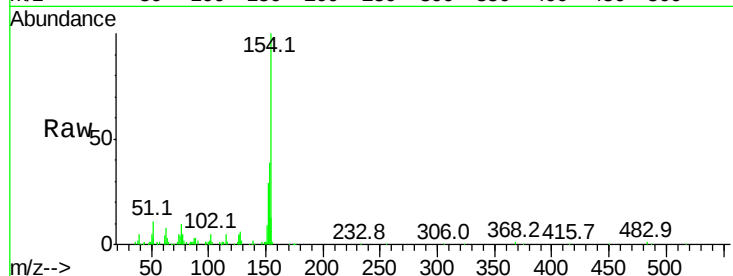
Tot Ion:154 Resp: 78850

Ion Ratio Lower Upper

154 100

153 39.3 19.8 59.8

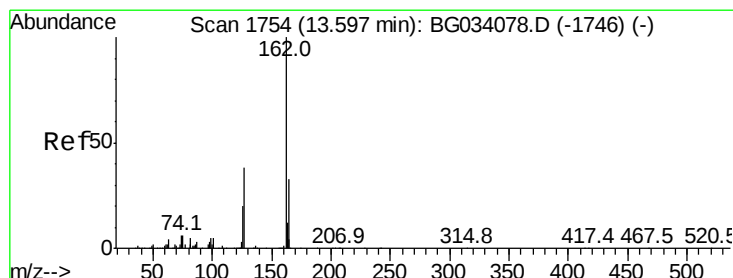
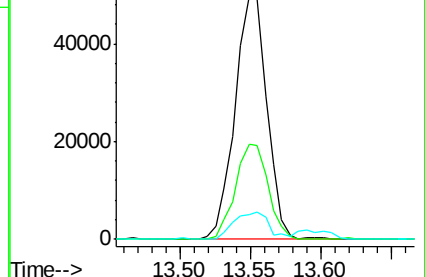
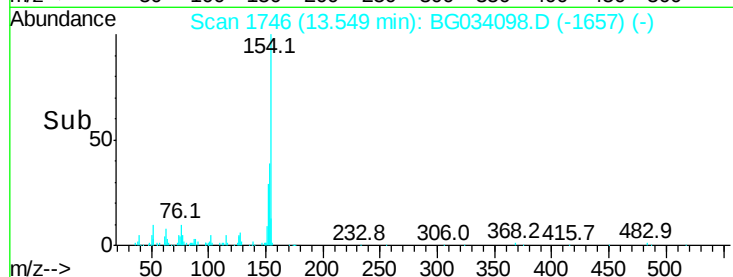
76 10.1 0.0 31.9



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: 5.405 ng

RT: 13.60 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

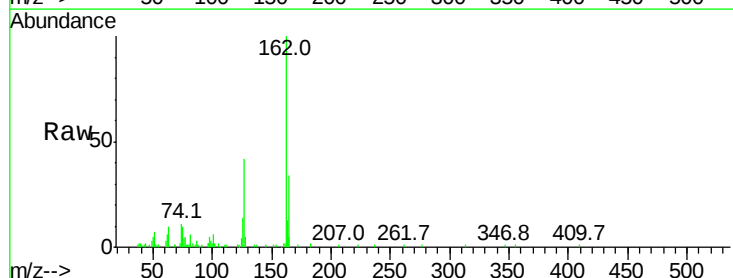
Tgt Ion:162 Resp: 60316

Ion Ratio Lower Upper

162 100

127 42.3 30.7 46.1

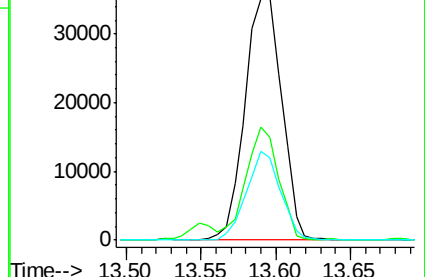
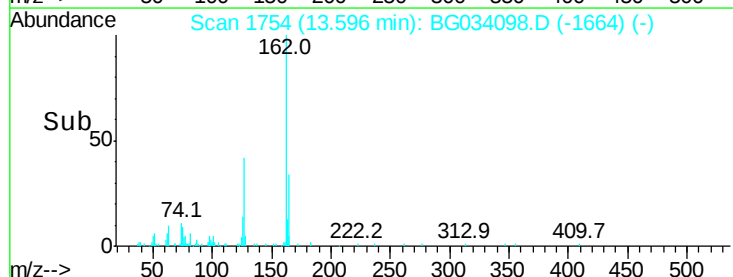
164 33.6 26.0 39.0

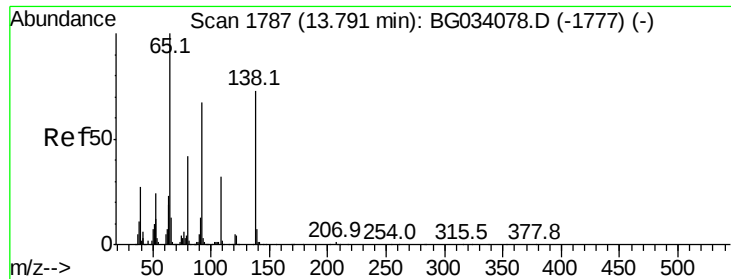


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 4.349 ng

RT: 13.78 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

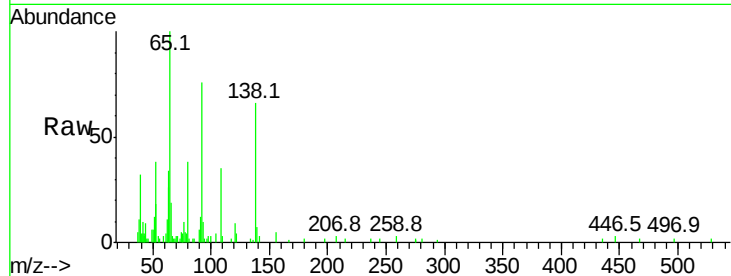
Tot Ion: 65 Resp: 19404

Ion Ratio Lower Upper

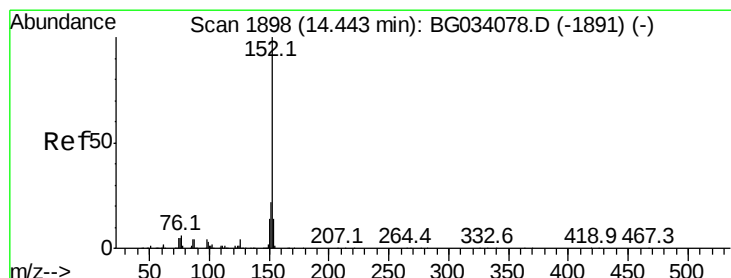
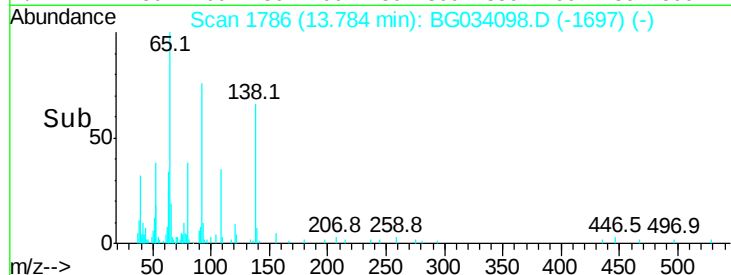
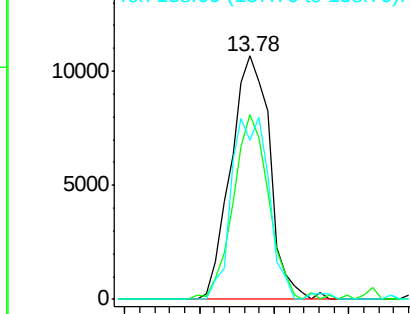
65 100

92 75.9 54.6 82.0

138 65.6 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 5.171 ng

RT: 14.44 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

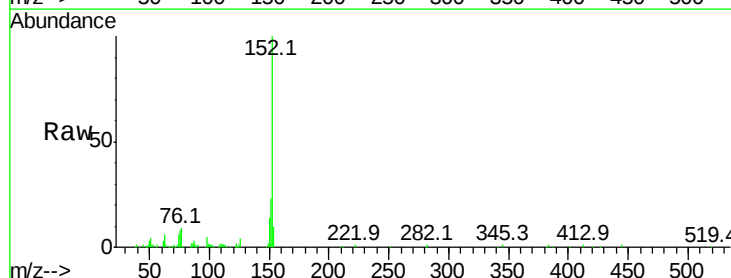
Tgt Ion: 152 Resp: 92127

Ion Ratio Lower Upper

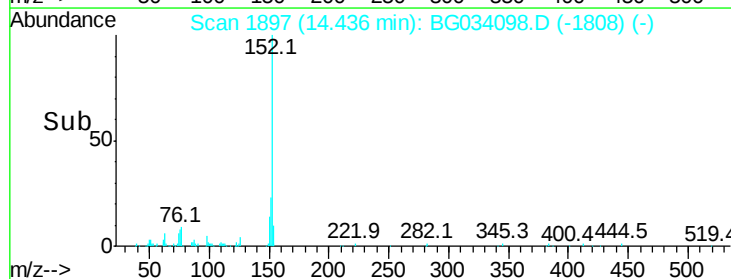
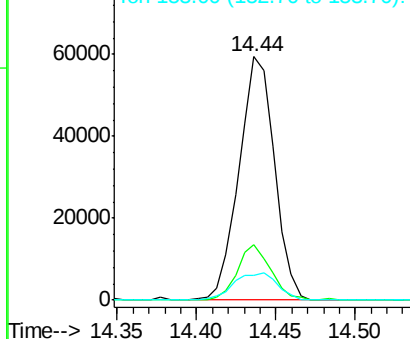
152 100

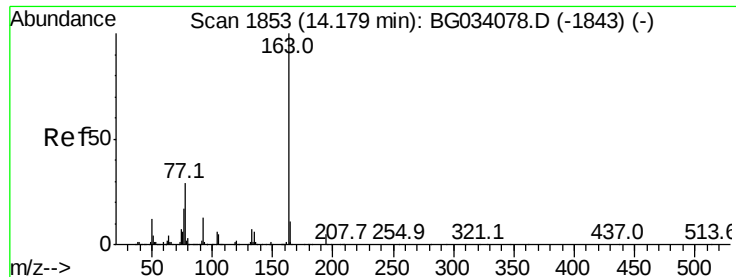
151 22.7 17.2 25.8

153 10.2 10.2 15.4#



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





#49

Dimethylphthalate

Concen: 5.358 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

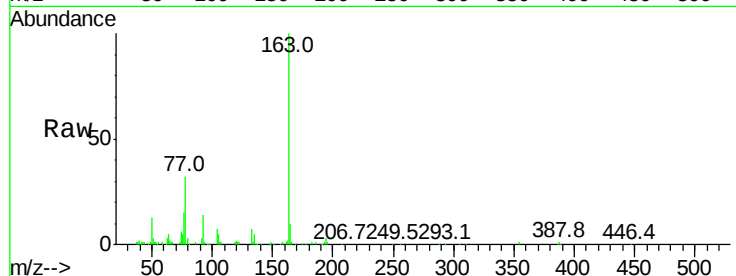
Tot Ion:163 Resp: 87660

Ion Ratio Lower Upper

163 100

194 3.3 3.4 5.2#

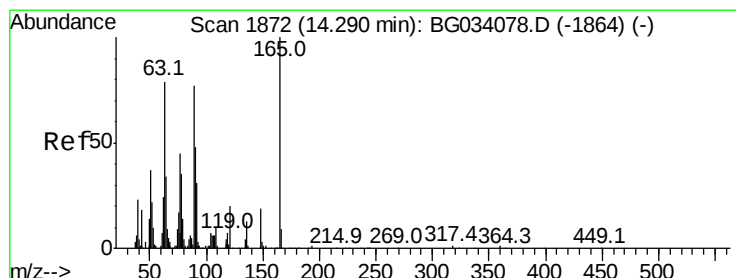
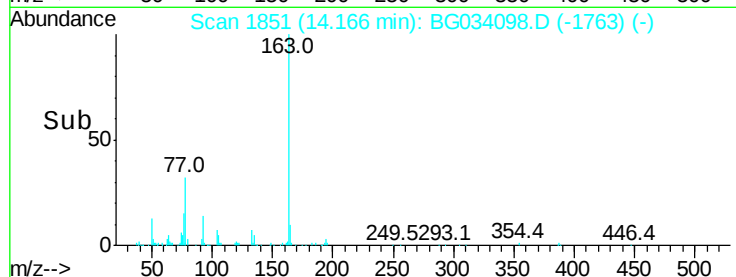
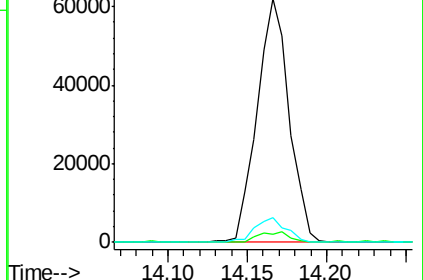
164 10.1 8.2 12.4



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: 4.281 ng

RT: 14.28 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

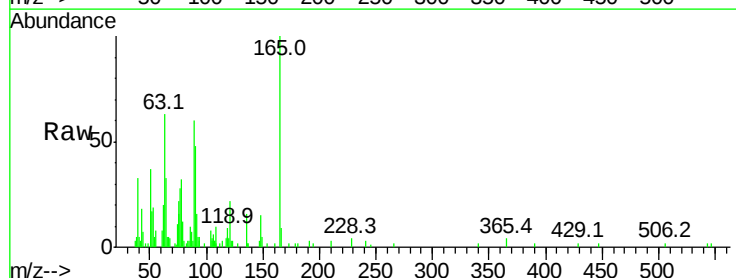
Tgt Ion:165 Resp: 13454

Ion Ratio Lower Upper

165 100

63 62.7 52.7 79.1

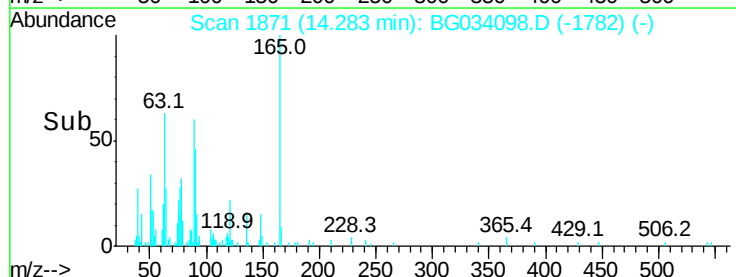
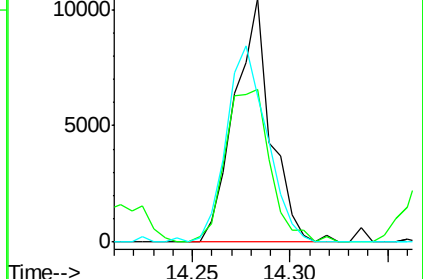
89 60.3 49.2 73.8

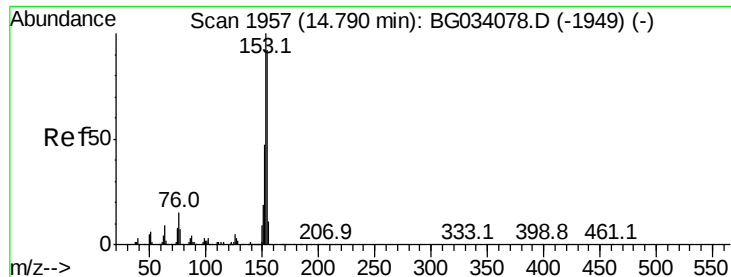


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 5.034 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

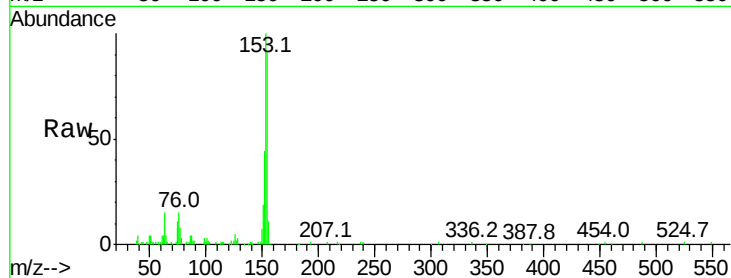
Tot Ion:154 Resp: 60965

Ion Ratio Lower Upper

154 100

153 110.3 90.4 135.6

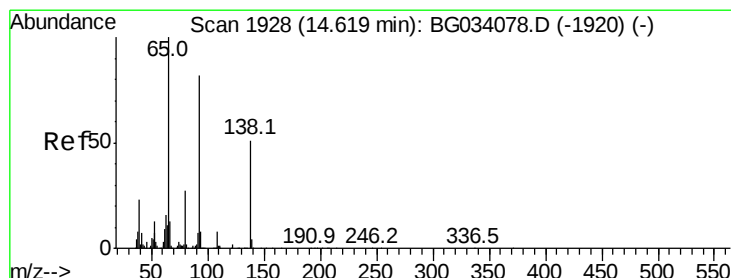
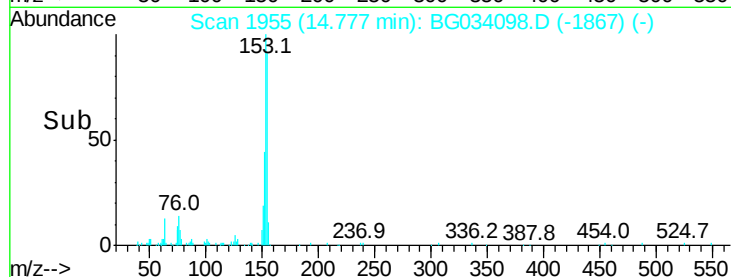
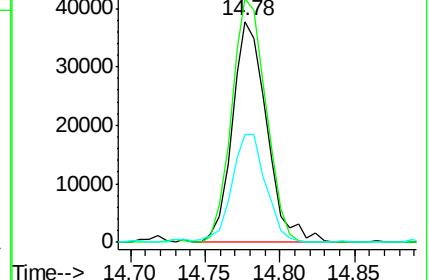
152 48.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 4.785 ng

RT: 14.61 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

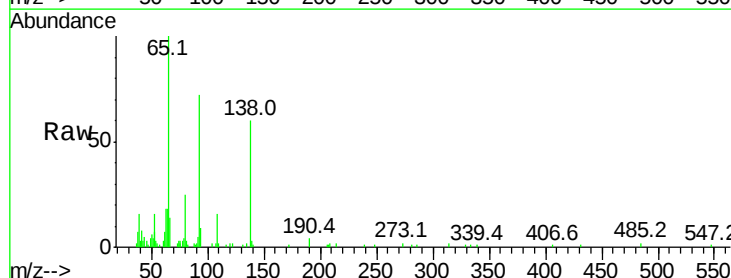
Tgt Ion:138 Resp: 15155

Ion Ratio Lower Upper

138 100

108 27.3 17.5 26.3#

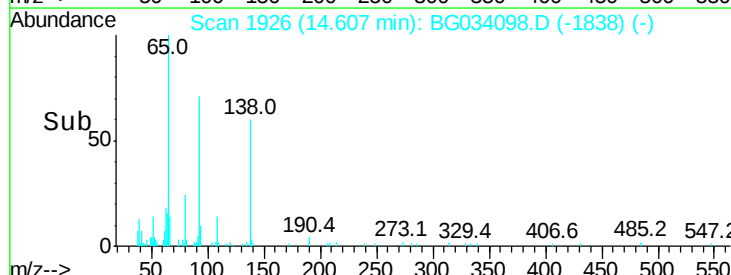
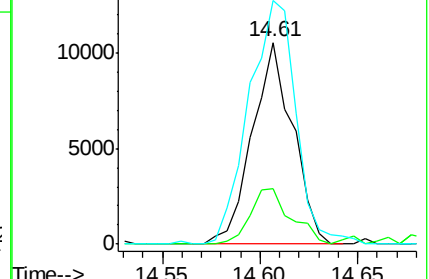
92 120.9 105.8 158.8

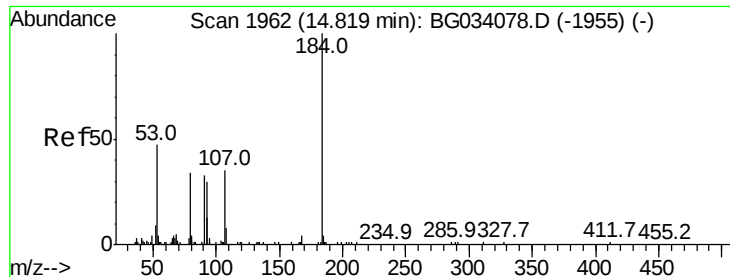


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

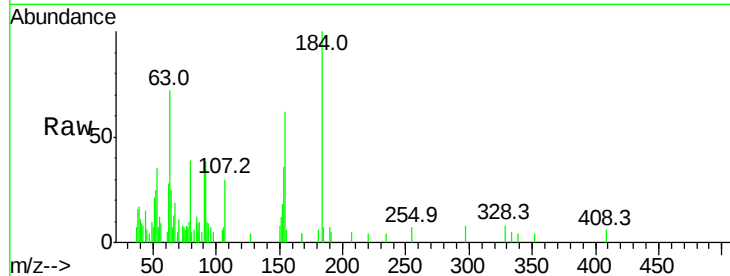




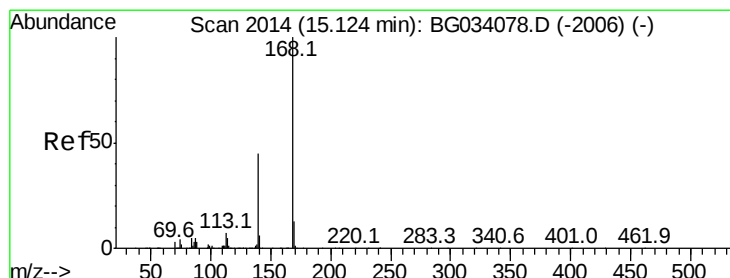
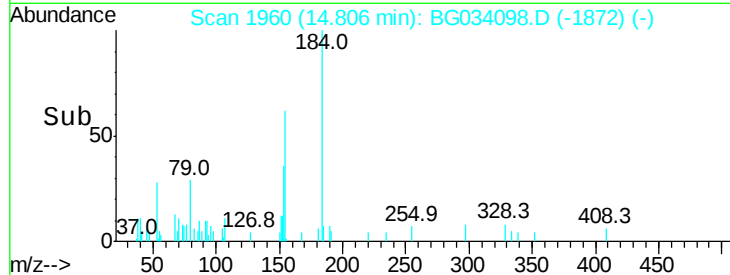
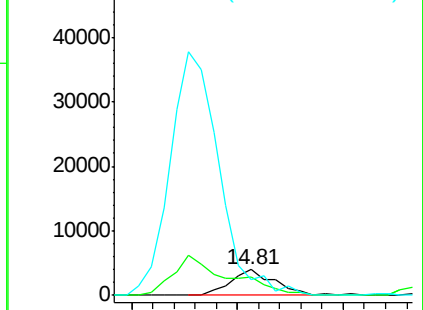
#53
2,4-Dinitrophenol
Concen: 4.632 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 5694
Ion Ratio Lower Upper
184 100
63 72.0 59.8 89.8
154 62.4 101.8 152.8#

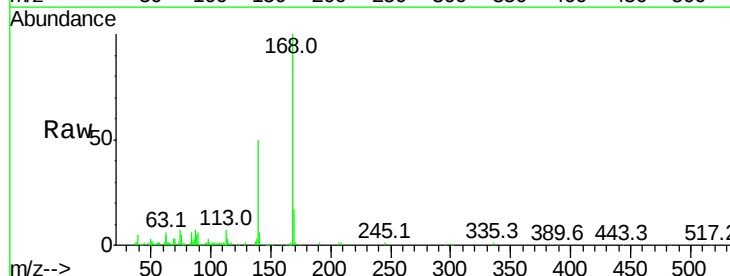


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

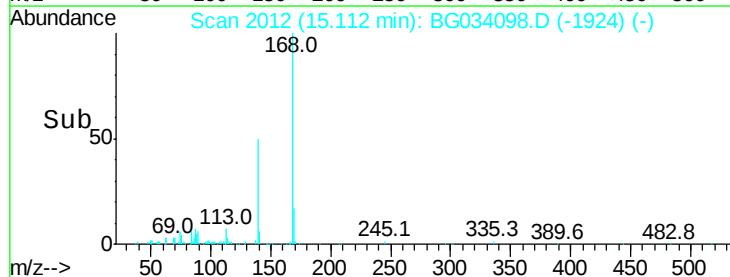
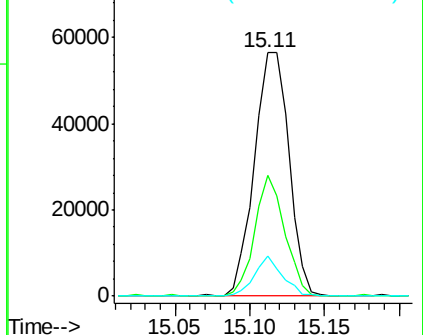


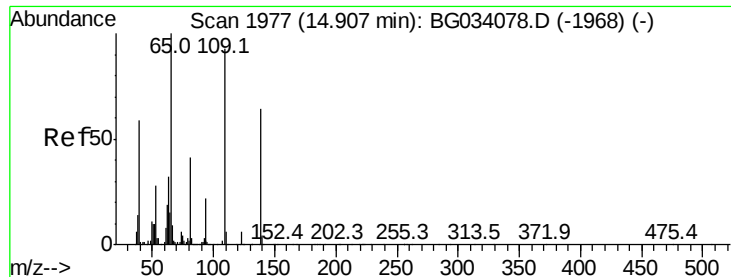
#54
Dibenzofuran
Concen: 5.151 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion:168 Resp: 90426
Ion Ratio Lower Upper
168 100
139 49.7 28.6 43.0#
169 16.7 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

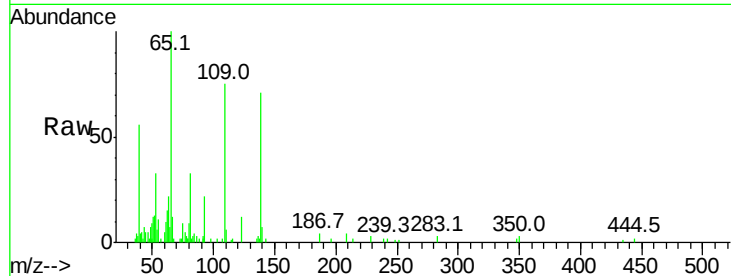




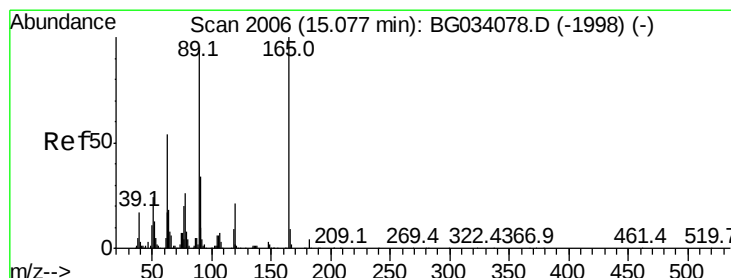
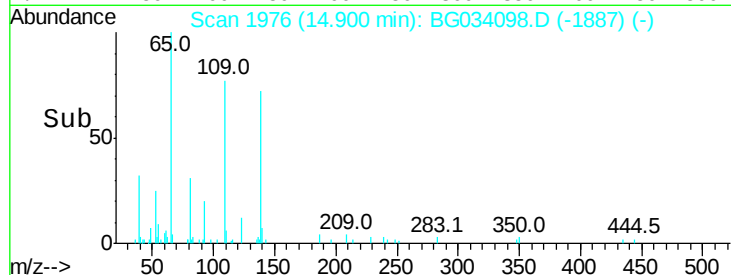
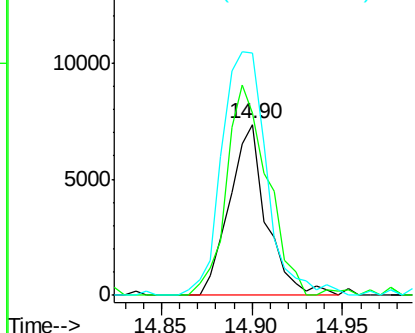
#55
4-Nitrophenol
Concen: 4.309 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 10417
Ion Ratio Lower Upper
139 100
109 106.6 62.2 102.2#
65 141.8 97.2 137.2#

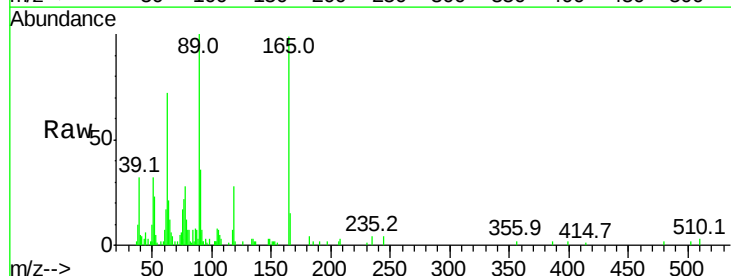


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

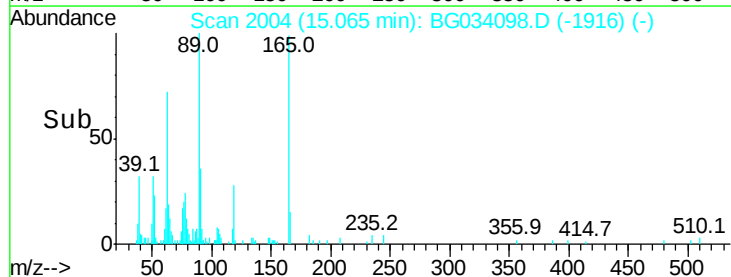
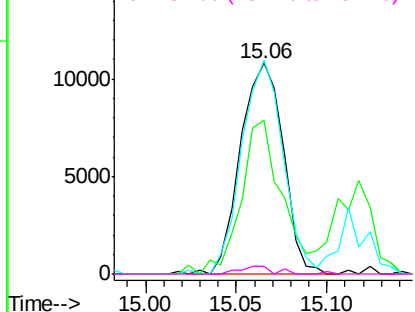


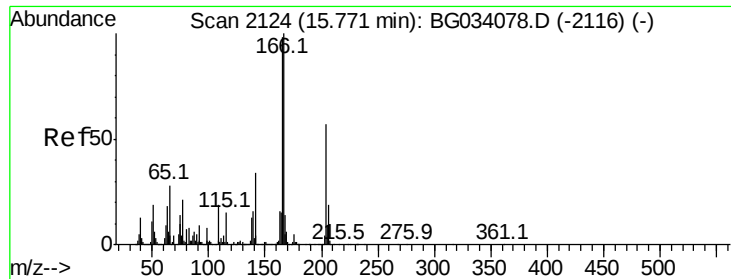
#56
2,4-Dinitrotoluene
Concen: 4.152 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion:165 Resp: 17717
Ion Ratio Lower Upper
165 100
63 72.7 42.0 63.0#
89 101.4 66.9 100.3#
182 3.9 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

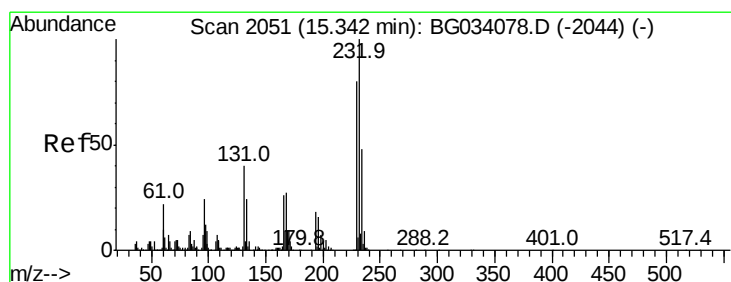
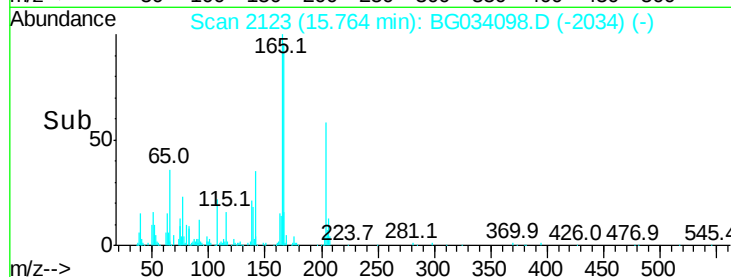
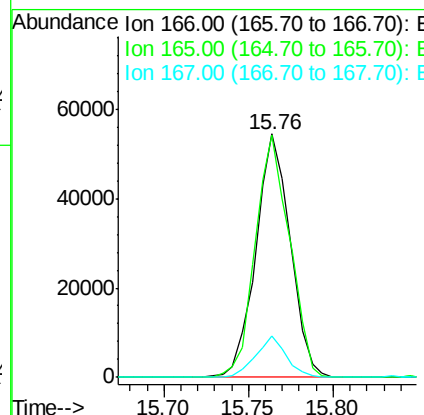
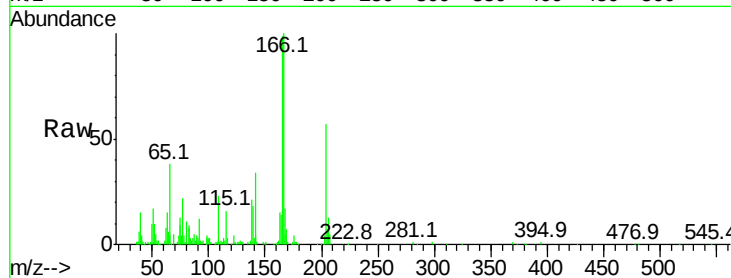




#57
 Fluorene
 Concen: 5.036 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

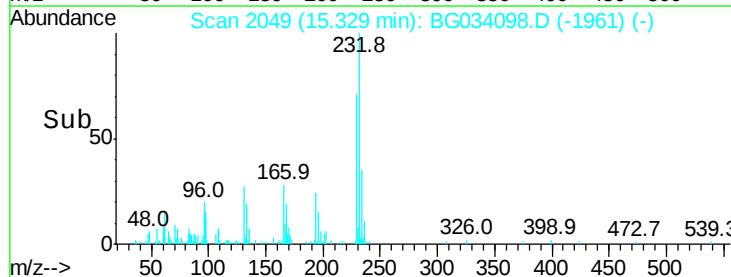
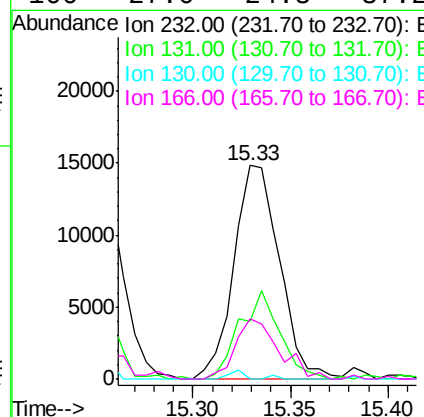
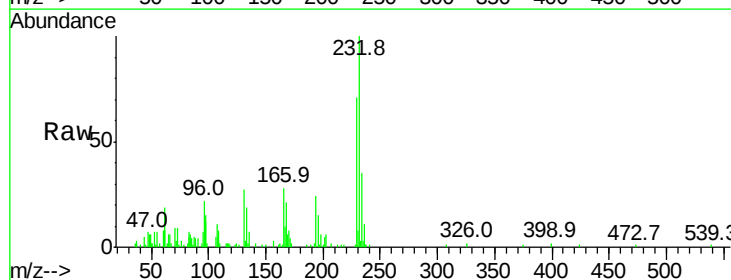
Instrument :
 BNA_G
 ClientSampleId :

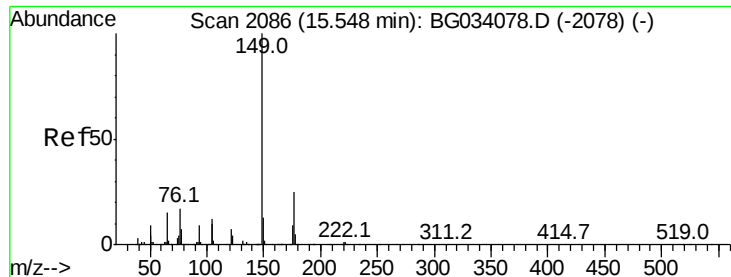
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.6	121.0
167	17.2	10.4	15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.952 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	0.0	33.5	50.3#
130	1.2	2.2	3.2#
166	27.0	24.8	37.2





#59

Diethylphthalate

Concen: 5.246 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG034098.D

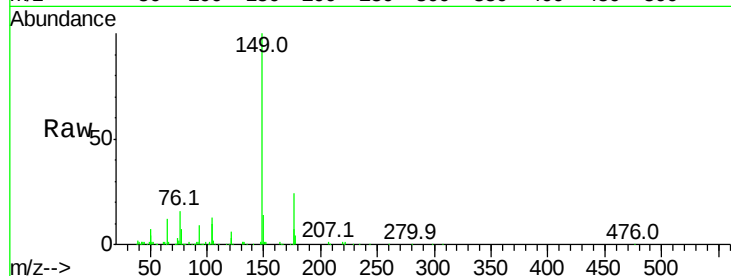
Acq: 2 May 2018 3:30

Instrument :

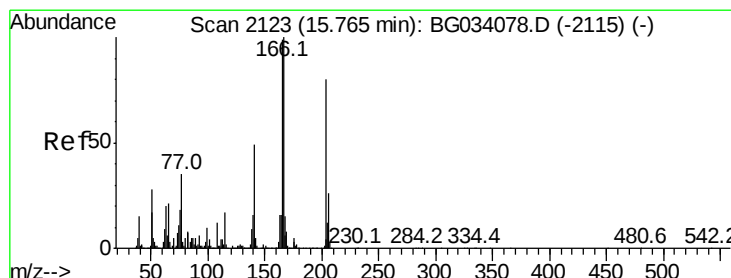
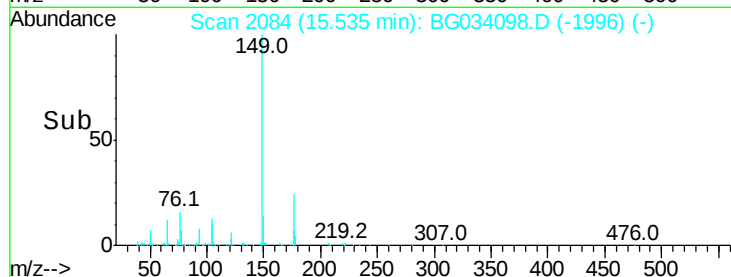
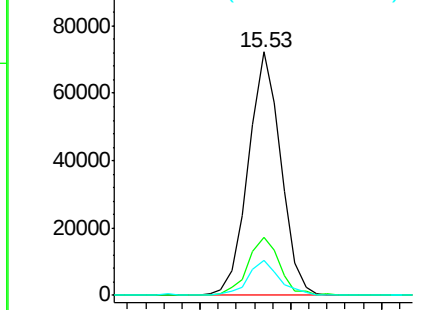
BNA_G

ClientSampleId :

Tot Ion:149	Resp:	90829
Ion	Ratio	Lower Upper
149	100	
177	23.8	18.5 27.7
150	14.5	10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 5.310 ng

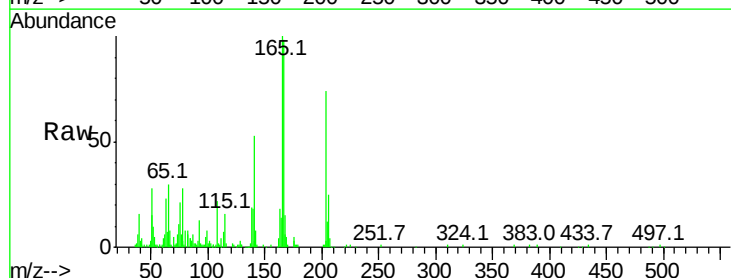
RT: 15.76 min Scan# 2122

Delta R.T. -0.01 min

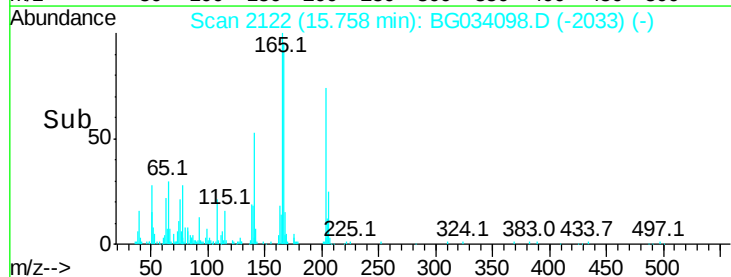
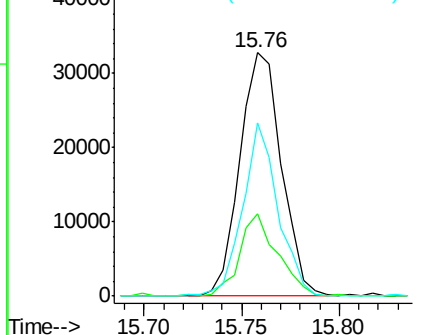
Lab File: BG034098.D

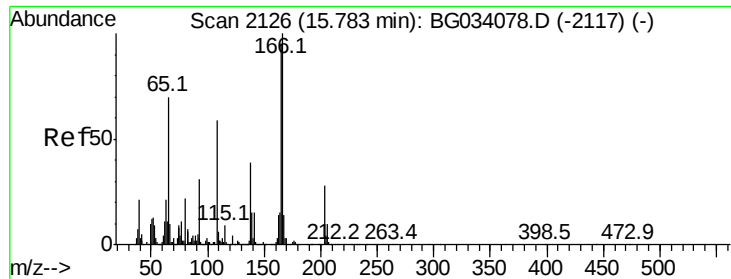
Acq: 2 May 2018 3:30

Tgt Ion:204	Resp:	48338
Ion	Ratio	Lower Upper
204	100	
206	33.6	26.2 39.2
141	71.3	45.8 68.6#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

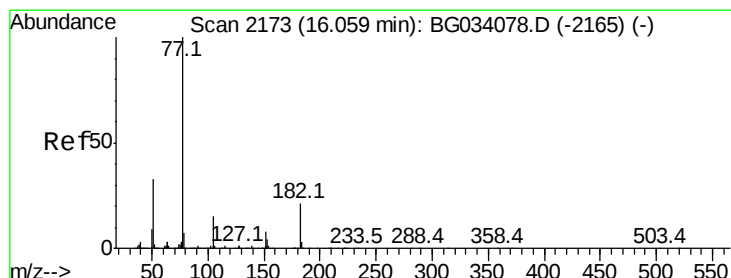
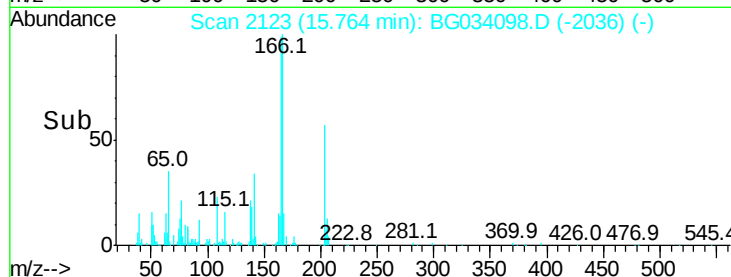
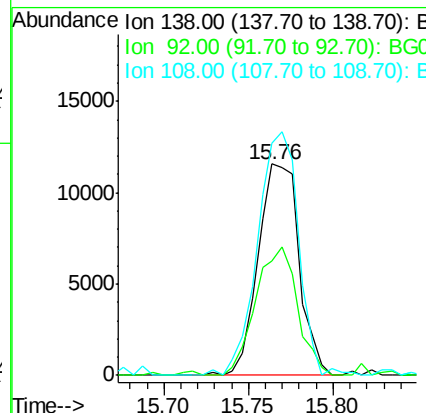
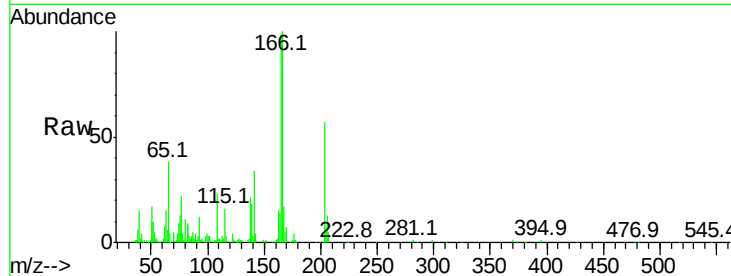




#61
4-Nitroaniline
Concen: 5.776 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

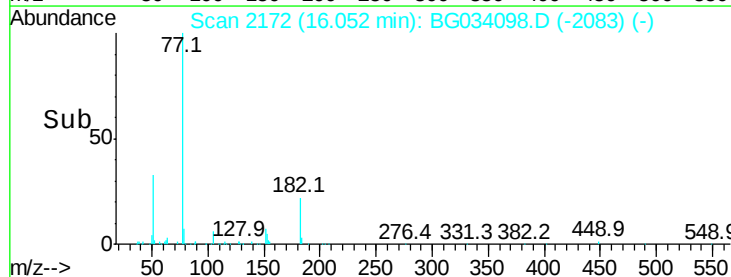
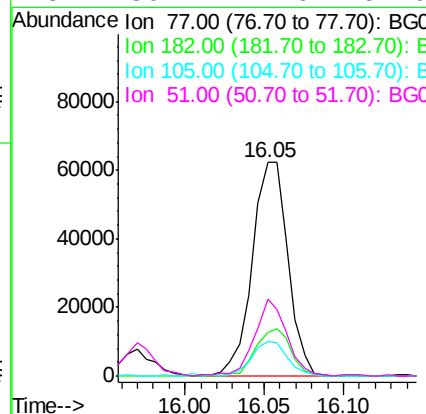
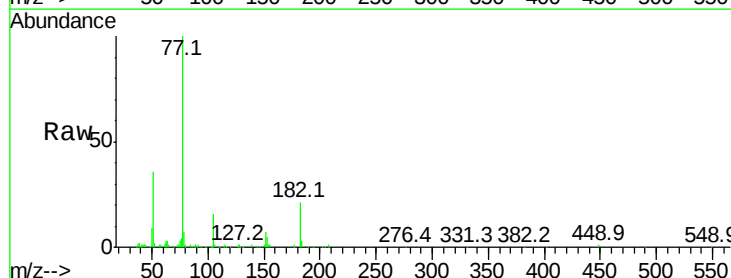
Instrument :
BNA_G
ClientSampleId :

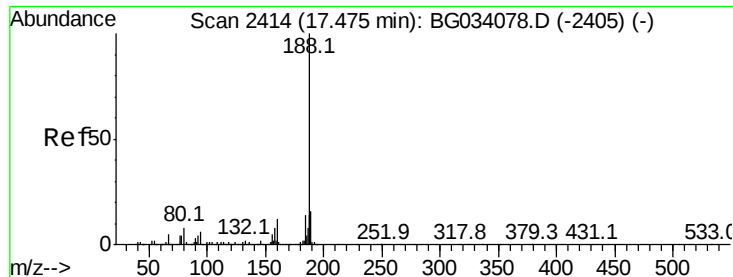
Tot Ion:138 Resp: 19407
Ion Ratio Lower Upper
138 100
92 54.5 40.1 80.1
108 110.2 65.4 105.4#



#62
Azobenzene
Concen: 5.254 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion: 77 Resp: 98267
Ion Ratio Lower Upper
77 100
182 20.7 7.4 47.4
105 16.4 0.3 40.3
51 36.1 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: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

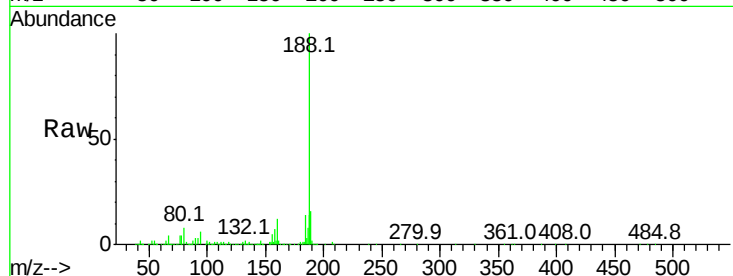
Tot Ion:188 Resp: 512875

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

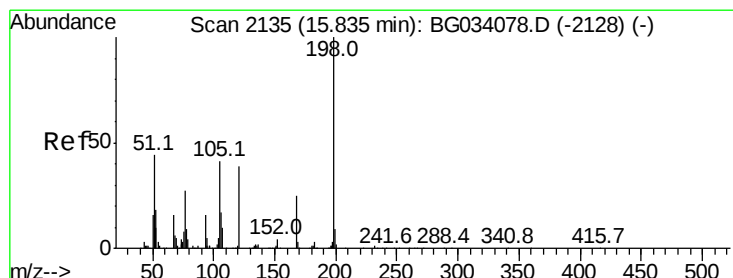
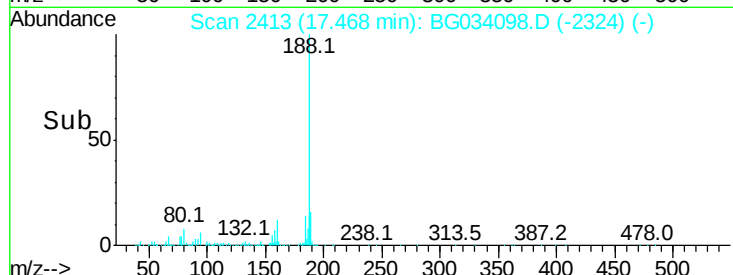
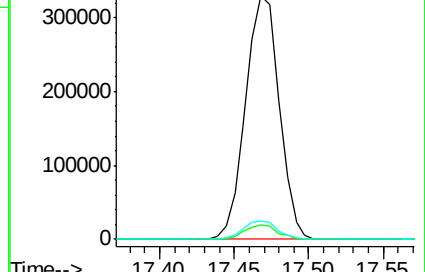
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG034098.D (-2405) (-)

Ion 80.00 (79.70 to 80.70): BG034098.D (-2405) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 4.012 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

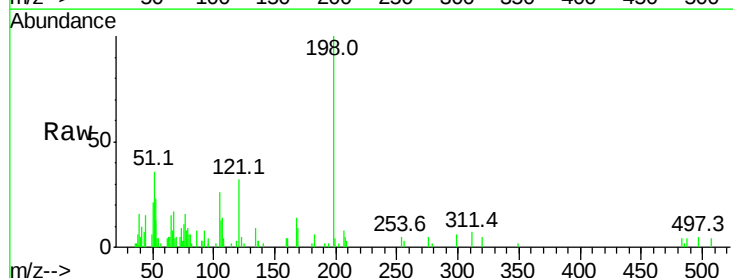
Tgt Ion:198 Resp: 9675

Ion Ratio Lower Upper

198 100

51 35.7 30.6 70.6

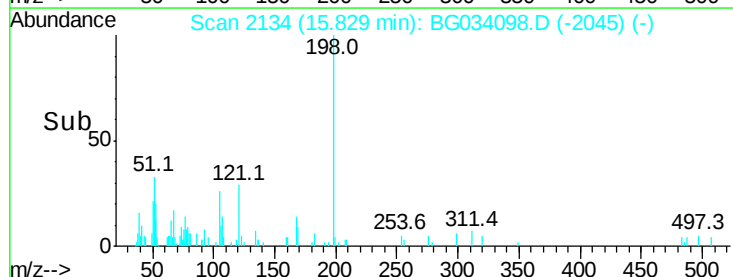
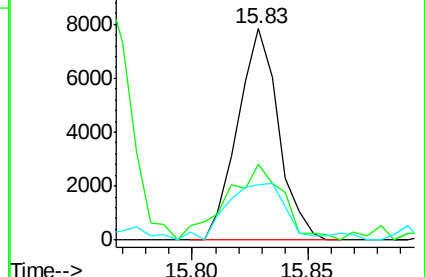
105 26.0 23.8 63.8

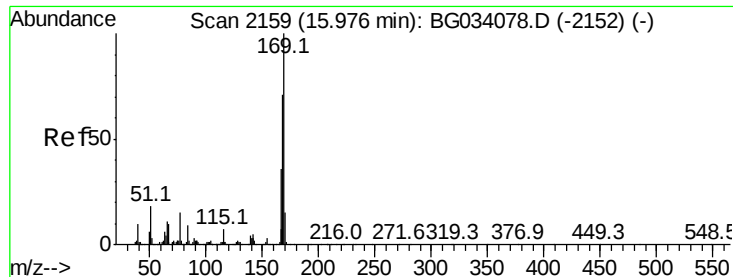


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG034098.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BG034098.D (-2128) (-)

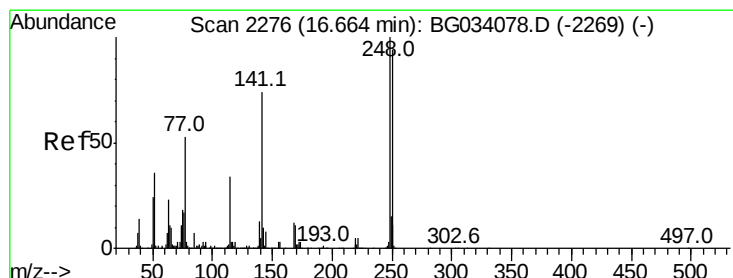
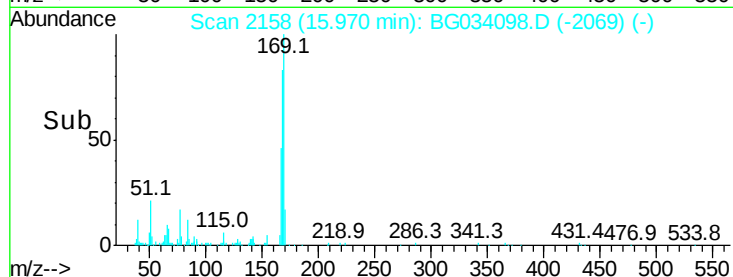
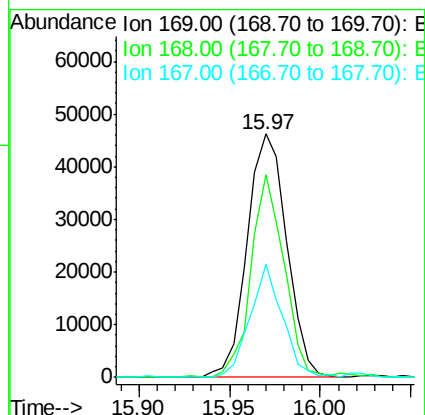
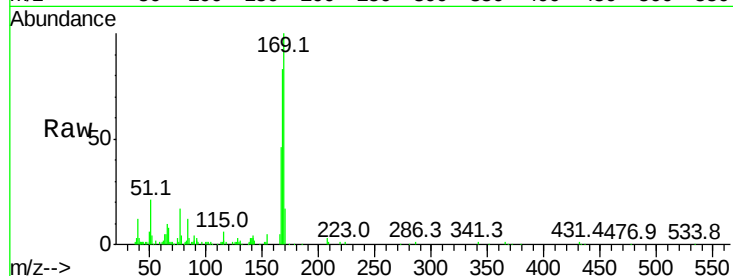




#65
n-Nitrosodiphenylamine
Concen: 5.007 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

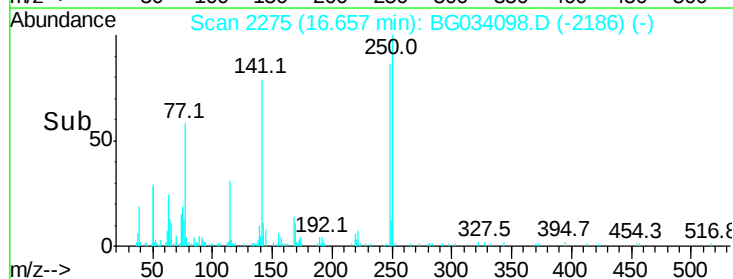
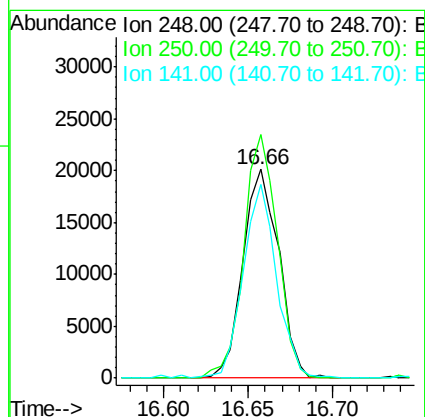
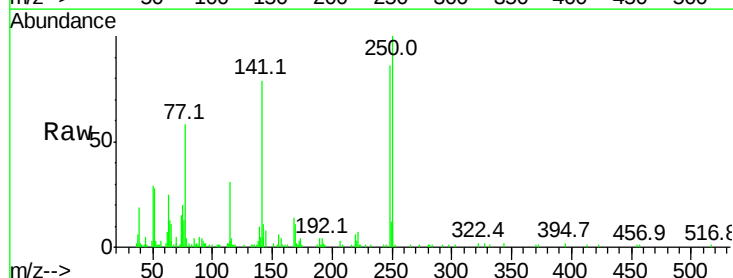
Instrument :
BNA_G
ClientSampleId :

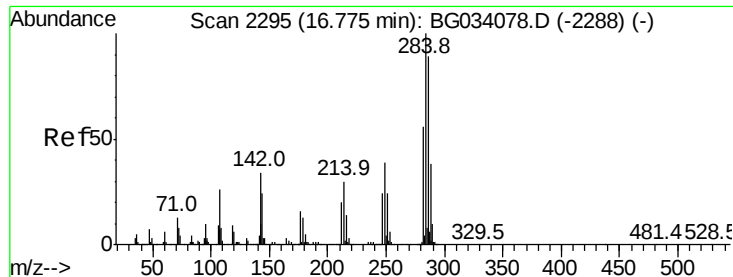
Tot Ion:169 Resp: 70018
Ion Ratio Lower Upper
169 100
168 83.3 55.7 83.5
167 46.3 30.1 45.1#



#66
4-Bromophenyl-phenylether
Concen: 4.656 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG034098.D
Acq: 2 May 2018 3:30

Tgt Ion:248 Resp: 29650
Ion Ratio Lower Upper
248 100
250 116.7 77.1 115.7#
141 92.6 50.8 76.2#





#67

Hexachlorobenzene

Concen: 5.063 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampled :

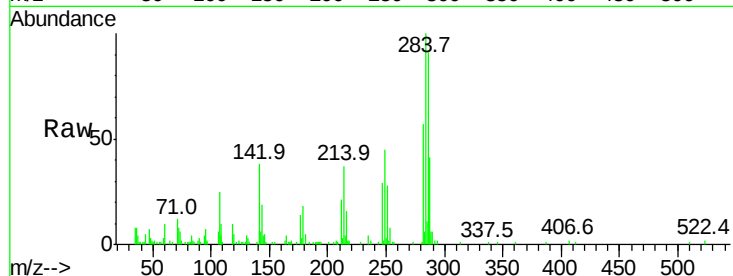
Tot Ion:284 Resp: 32728

Ion Ratio Lower Upper

284 100

142 37.7 26.8 40.2

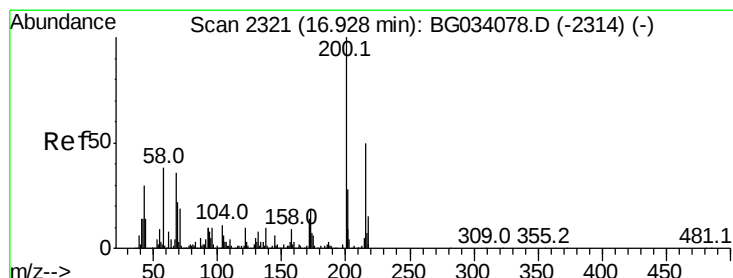
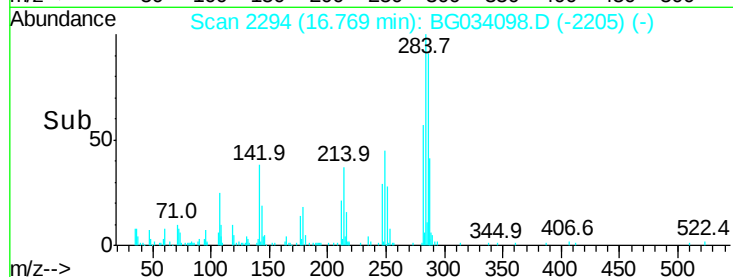
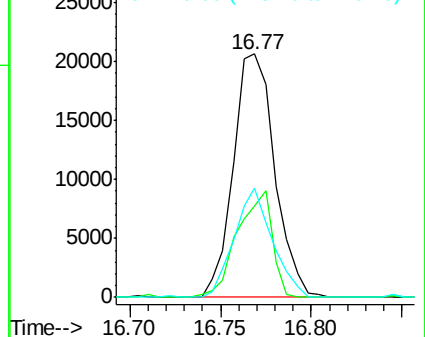
249 44.8 26.3 39.5#



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: 3.815 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

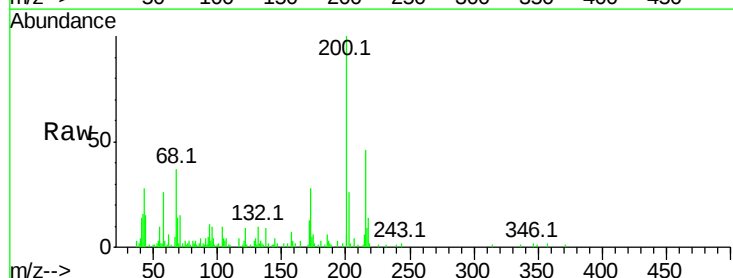
Tgt Ion:200 Resp: 24672

Ion Ratio Lower Upper

200 100

173 27.8 5.2 45.2

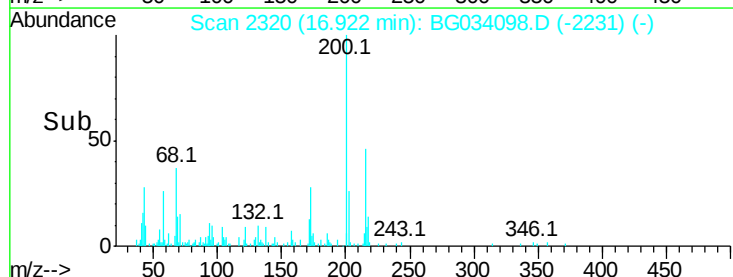
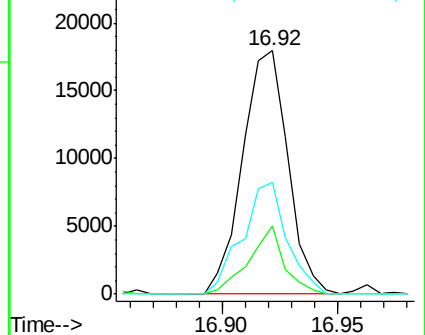
215 46.2 30.4 70.4

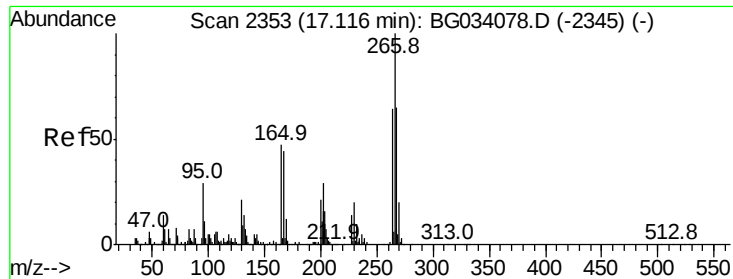


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

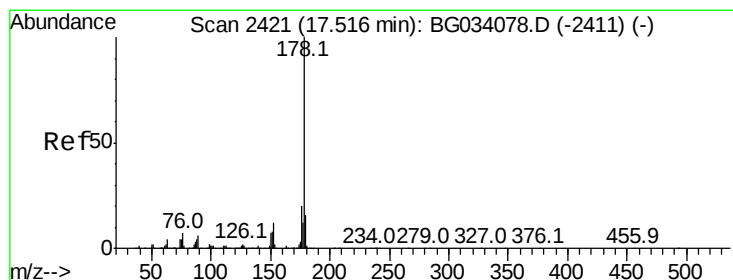
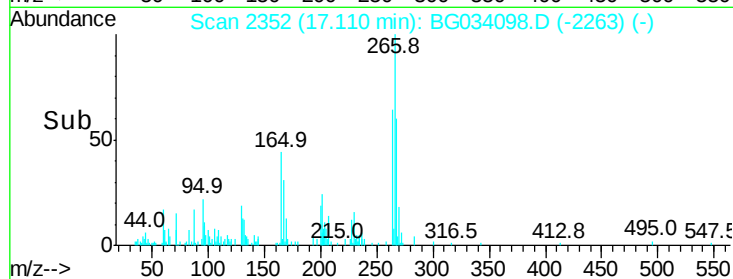
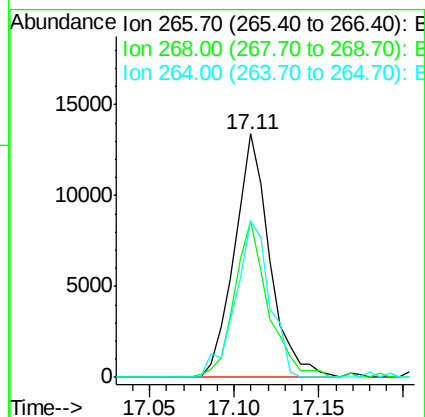
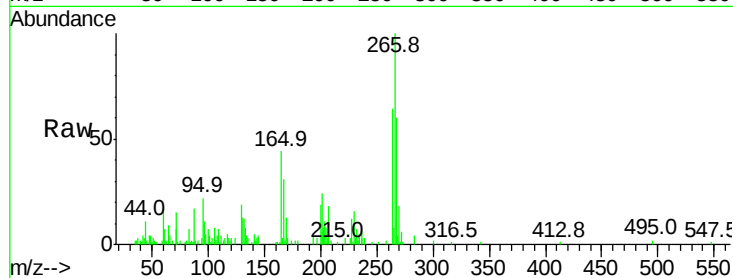




#69
 Pentachlorophenol
 Concen: 4.309 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

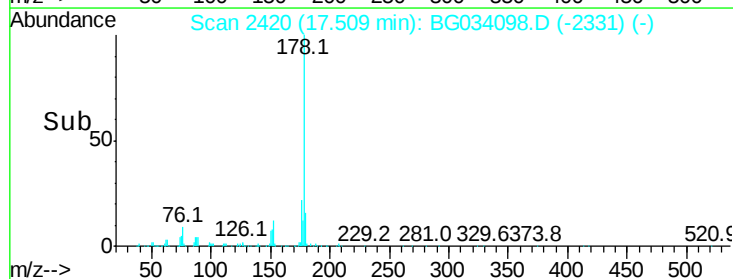
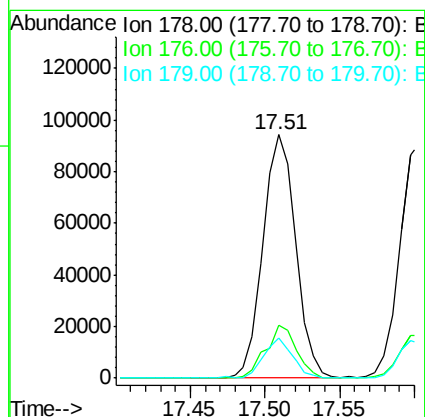
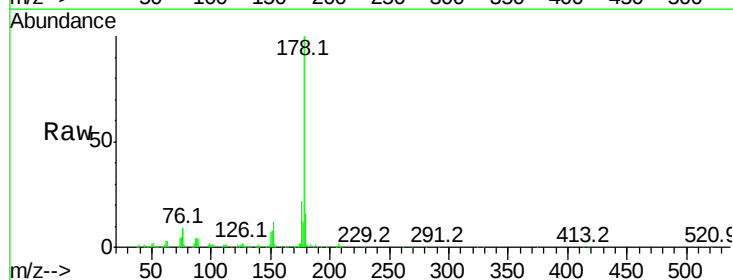
Instrument :
 BNA_G
 ClientSampleId :

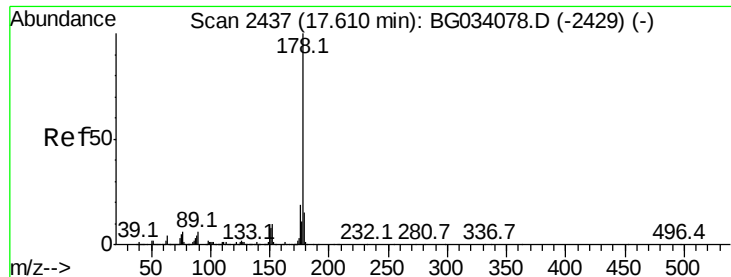
Tot Ion:266 Resp: 19415
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.1 76.7
 264 64.5 49.6 74.4



#70
 Phenanthrene
 Concen: 5.420 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion:178 Resp: 142830
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.7 23.5
 179 16.3 12.5 18.7





#71

Anthracene

Concen: 5.218 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

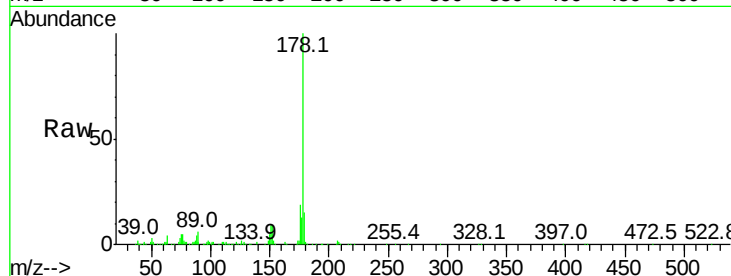
Tot Ion:178 Resp: 139369

Ion Ratio Lower Upper

178 100

176 18.6 16.0 24.0

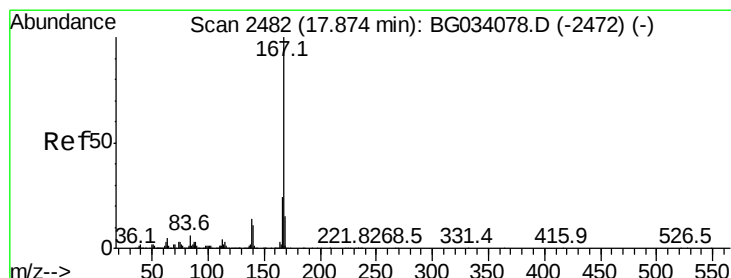
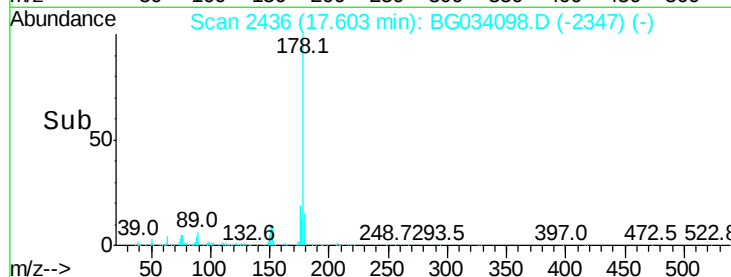
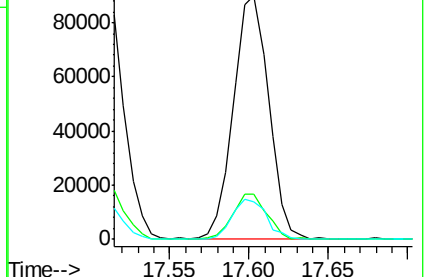
179 15.2 12.5 18.7



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: 5.176 ng

RT: 17.87 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

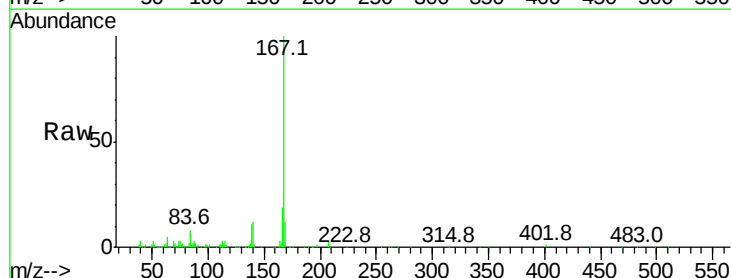
Tgt Ion:167 Resp: 126564

Ion Ratio Lower Upper

167 100

166 18.7 18.2 27.4

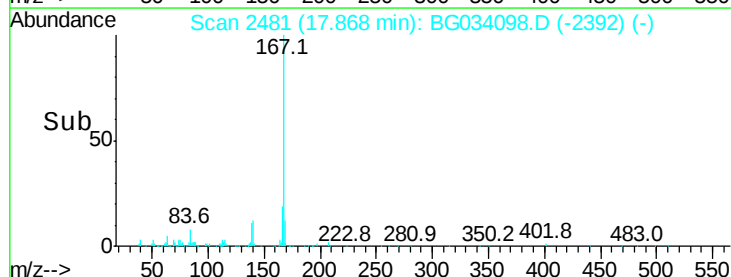
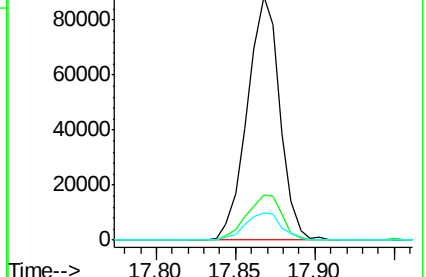
139 11.1 9.4 14.2

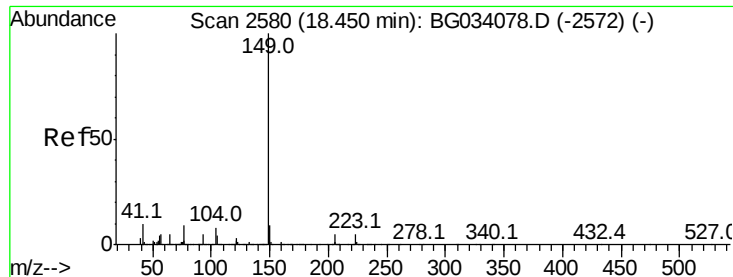


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 5.258 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034098.D

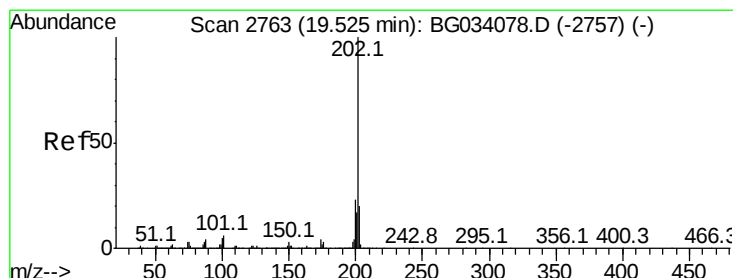
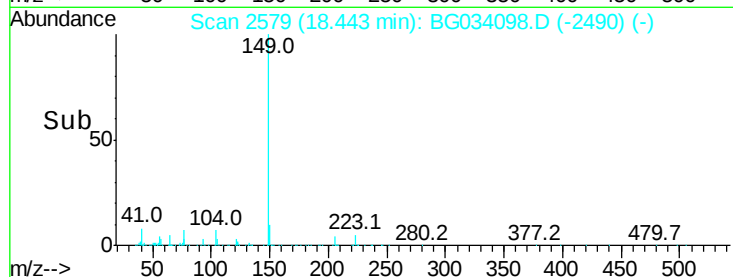
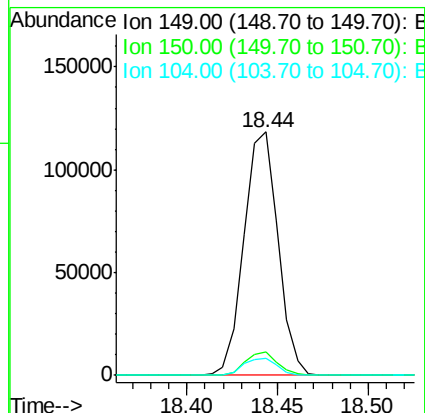
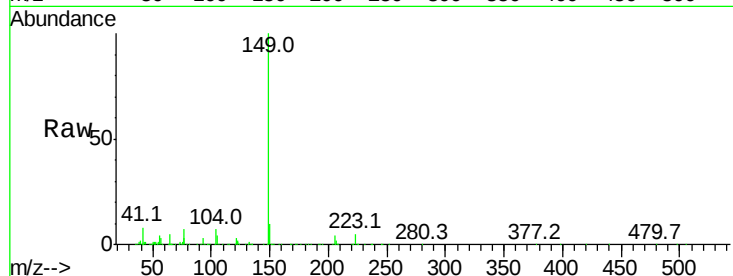
Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	154760
Ion Ratio	Lower	Upper
149	100	
150	9.6	7.8 11.6
104	6.8	3.9 5.9#



#74

Fluoranthene

Concen: 5.353 ng

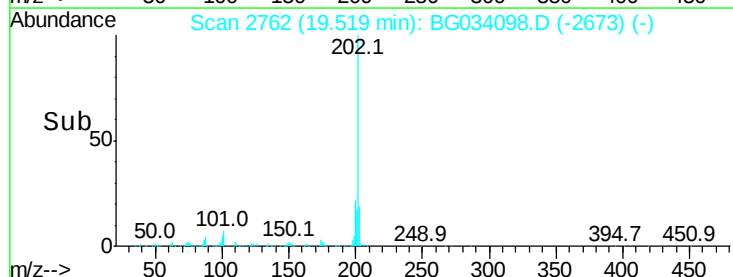
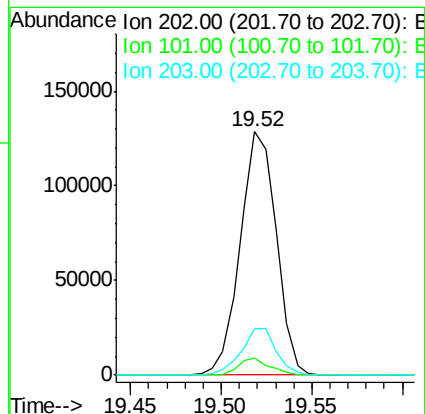
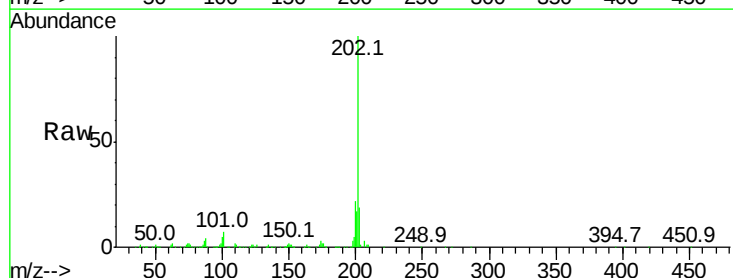
RT: 19.52 min Scan# 2762

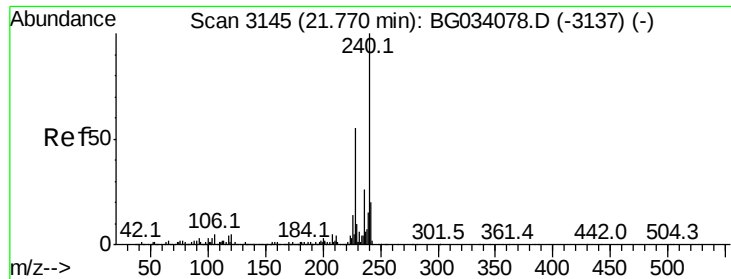
Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Tgt Ion:202	Resp:	178274
Ion Ratio	Lower	Upper
202	100	
101	7.1	0.0 28.9
203	19.2	0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

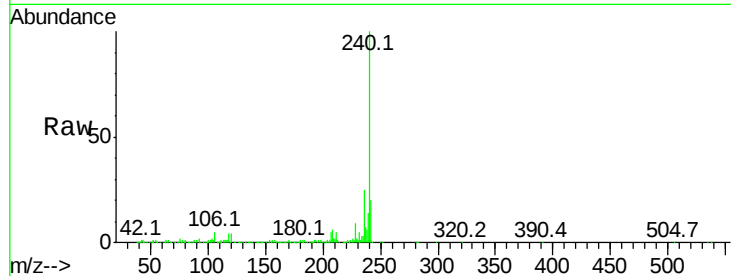
Tot Ion:240 Resp: 598258

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

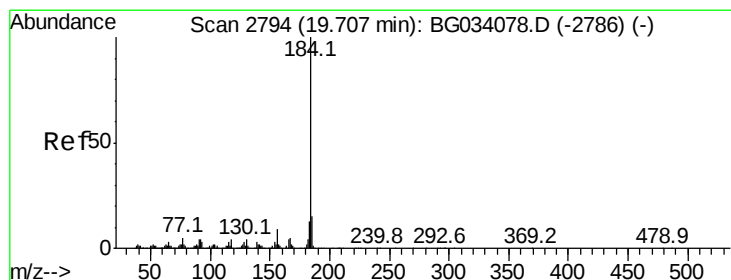
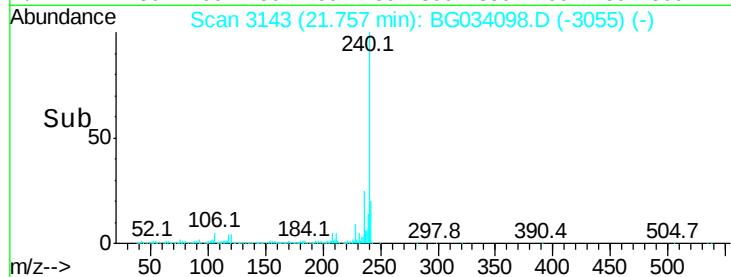
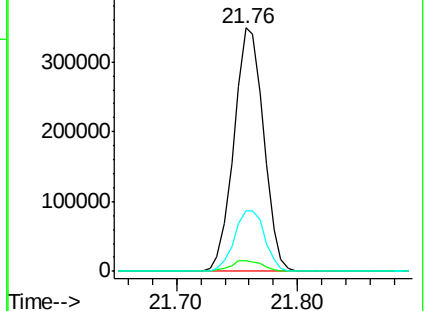
236 24.8 20.9 31.3



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: 3.517 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

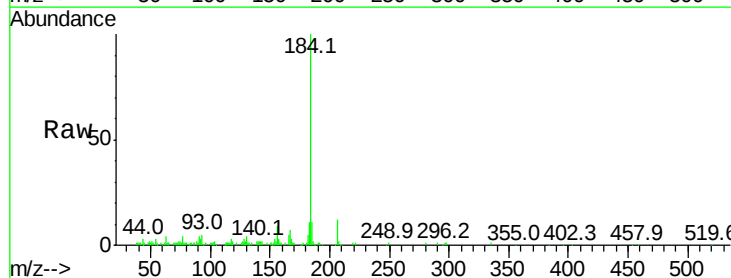
Tgt Ion:184 Resp: 54194

Ion Ratio Lower Upper

184 100

185 11.2 11.1 16.7

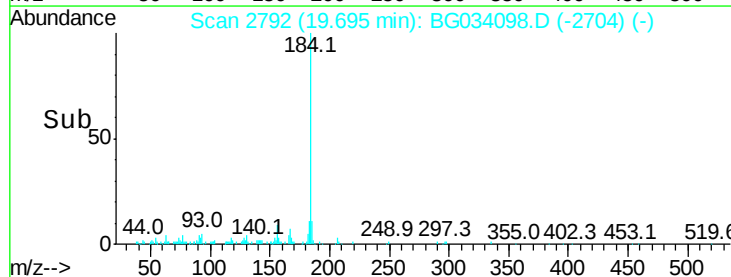
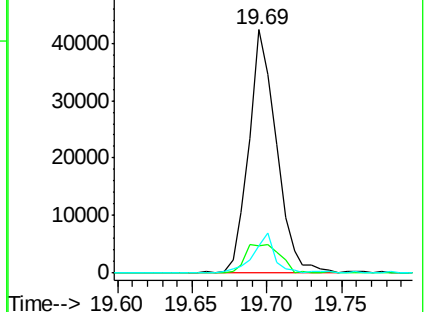
183 11.0 10.6 16.0

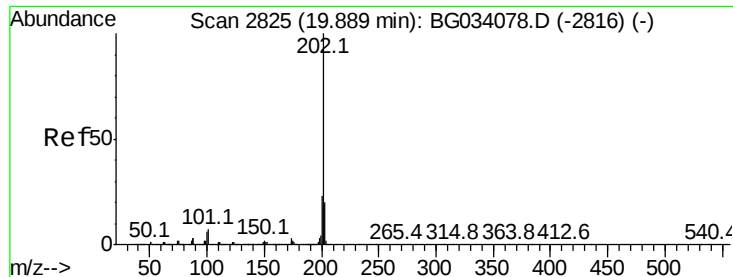


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 4.976 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

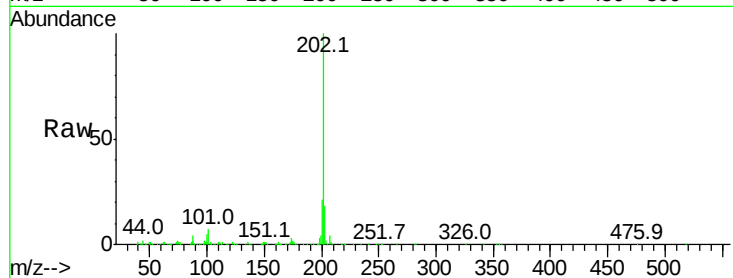
Tot Ion:202 Resp: 186506

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

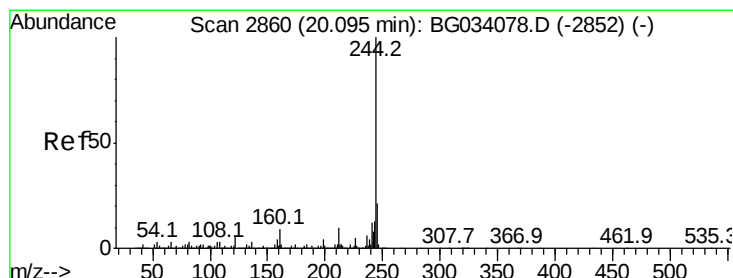
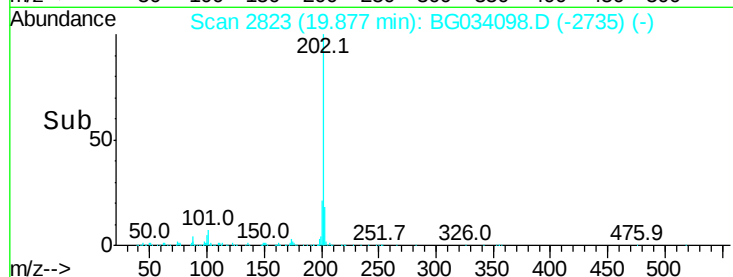
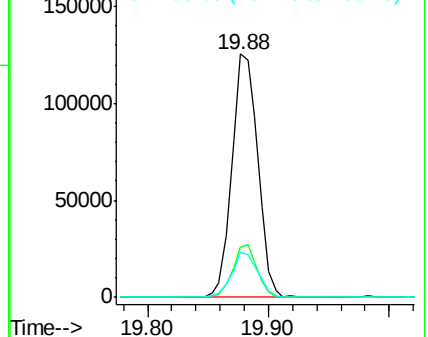
203 18.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.387 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

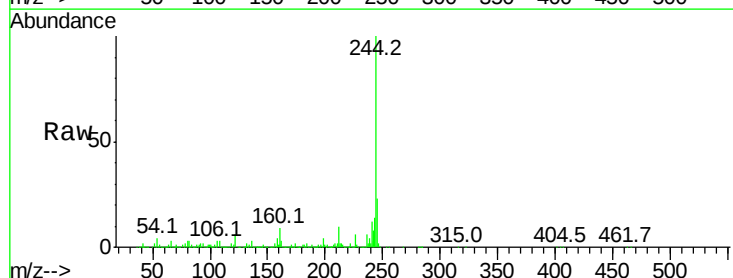
Tgt Ion:244 Resp: 2222635

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

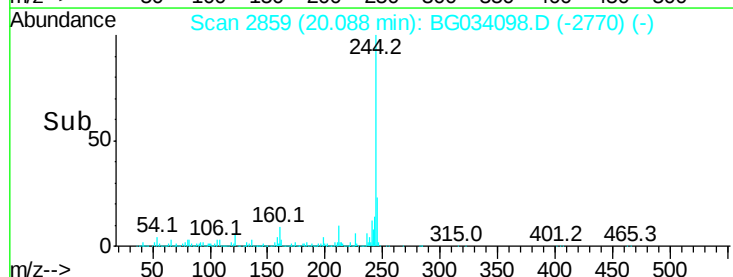
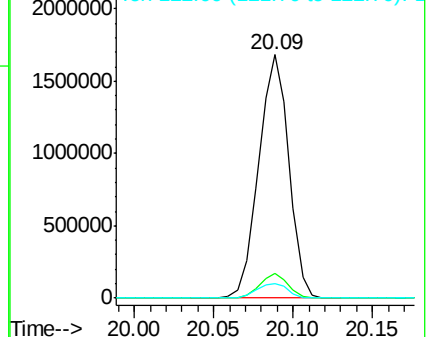
122 6.2 7.0 10.4#

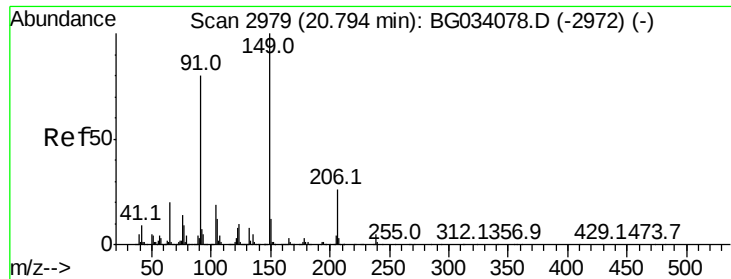


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

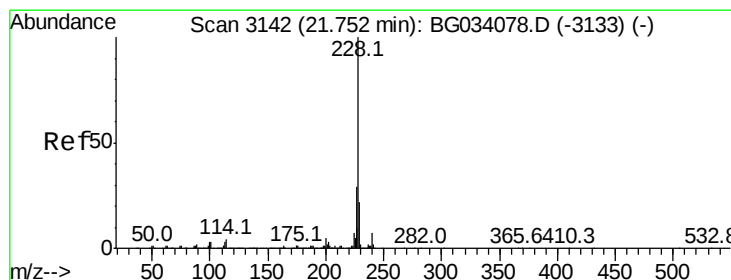
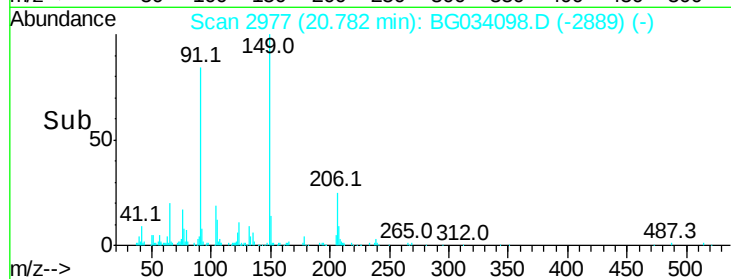
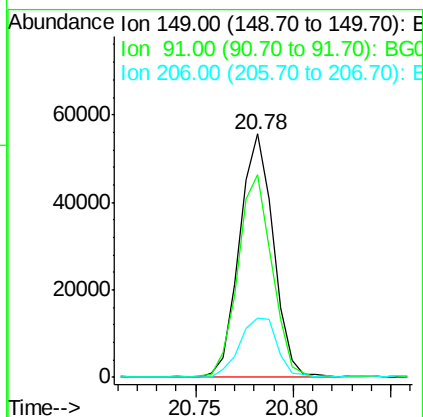
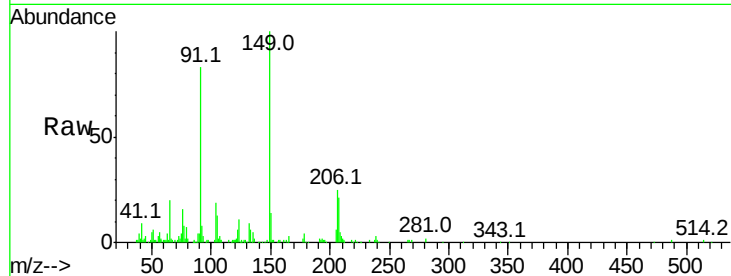




#79
 Butylbenzylphthalate
 Concen: 4.561 ng
 RT: 20.78 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

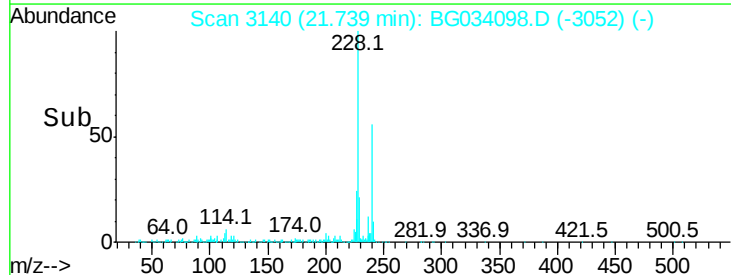
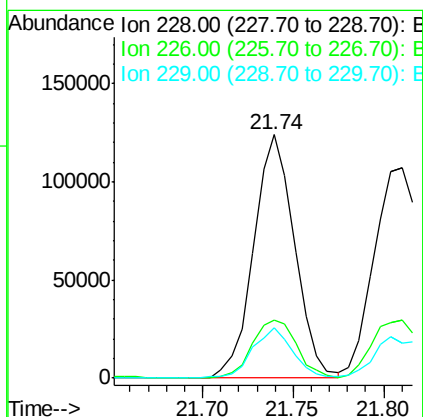
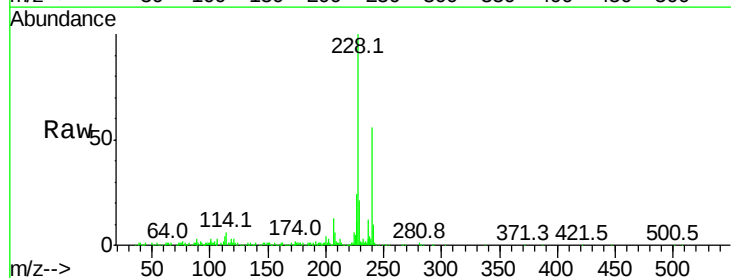
Instrument :
 BNA_G
 ClientSampleId :

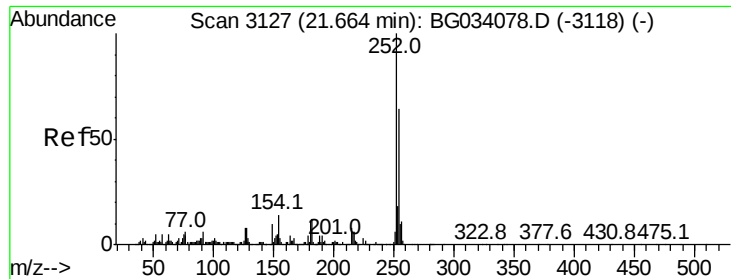
Tot Ion	Ratio	Lower	Upper
149	100		
91	83.2	62.2	93.2
206	24.5	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 5.077 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.8	22.7	34.1
229	20.6	16.2	24.2

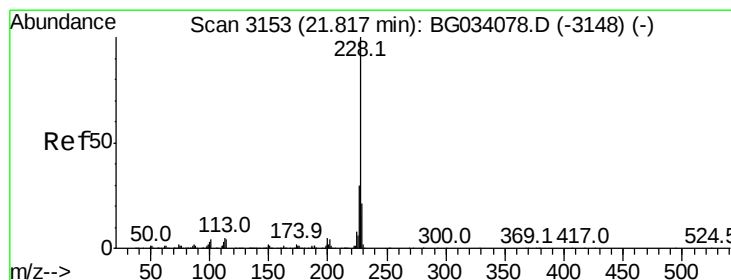
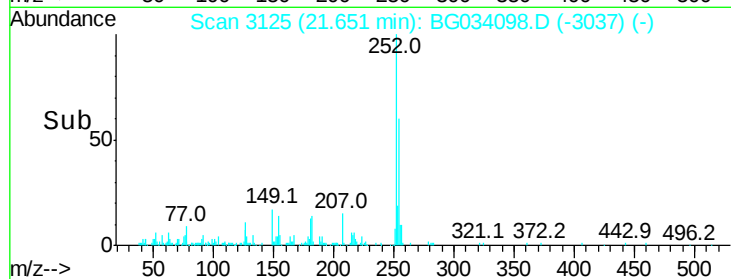
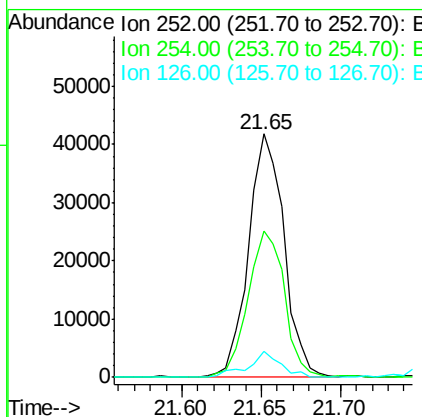
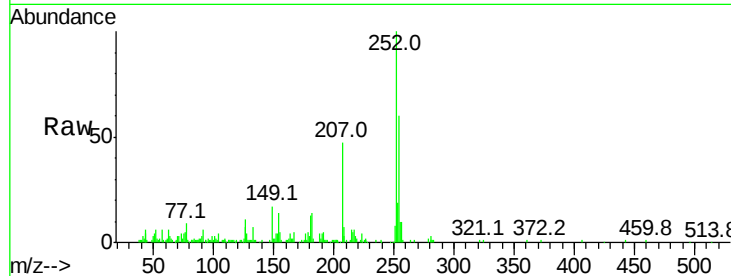




#81
 3,3'-Dichlorobenzidine
 Concen: 4.504 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

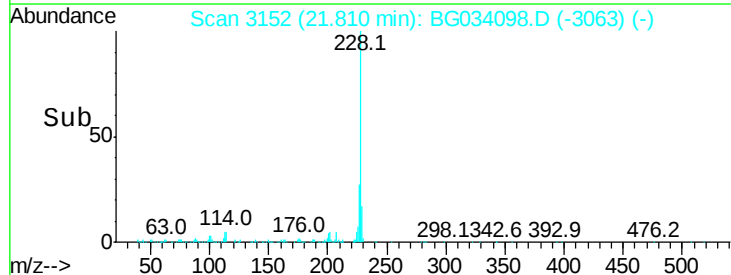
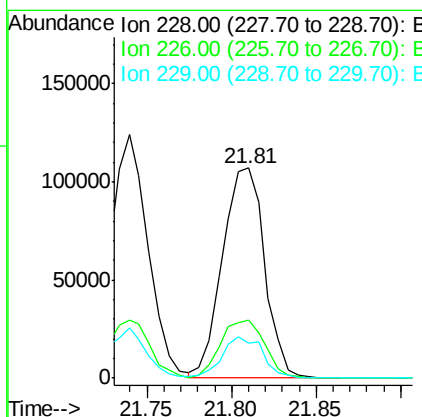
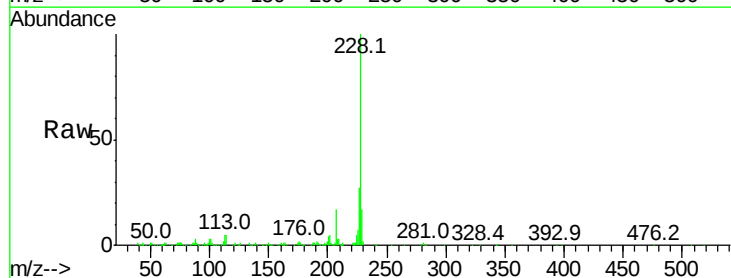
Instrument :
 BNA_G
 ClientSampleId :

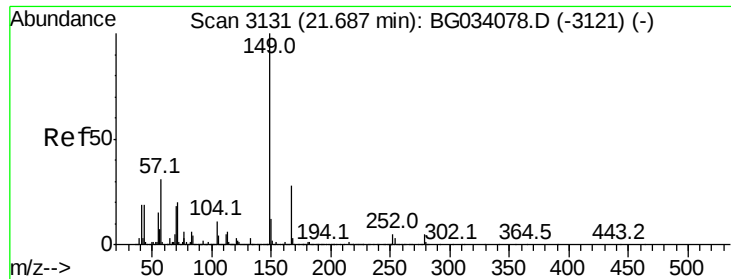
Tot Ion	Ratio	Lower	Upper
252	100		
254	60.0	50.8	76.2
126	10.5	7.4	11.2



#82
 Chrysene
 Concen: 5.062 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.9	37.3
229	16.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.777 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

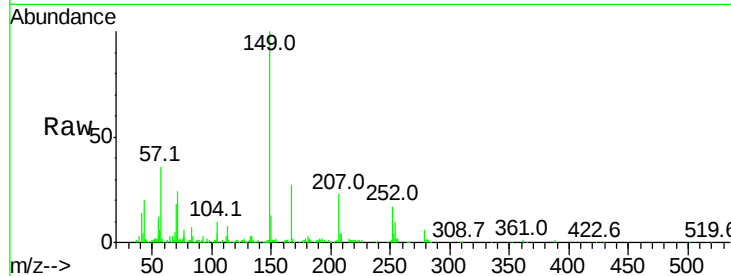
Tot Ion:149 Resp: 96195

Ion	Ratio	Lower	Upper
149	100		
167	26.7	24.3	36.5
279	5.7	4.0	6.0

149 100

167 26.7 24.3 36.5

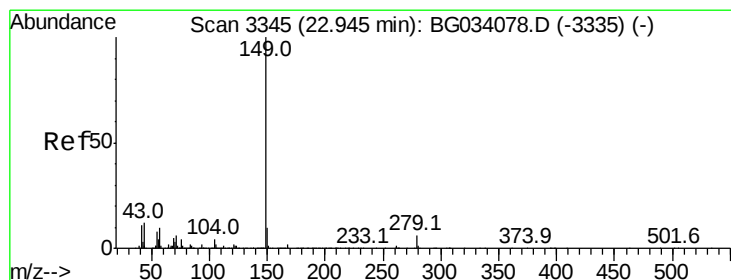
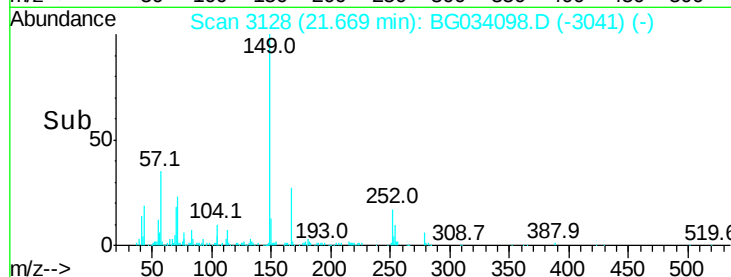
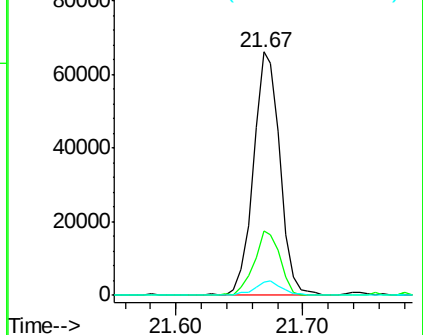
279 5.7 4.0 6.0



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: 4.687 ng

RT: 22.93 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

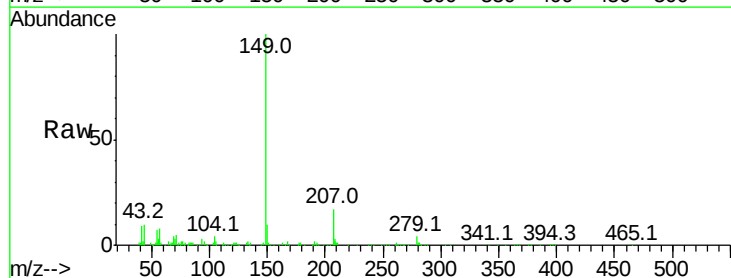
Tgt Ion:149 Resp: 150745

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.2	8.9	13.3

149 100

167 1.7 1.4 2.0

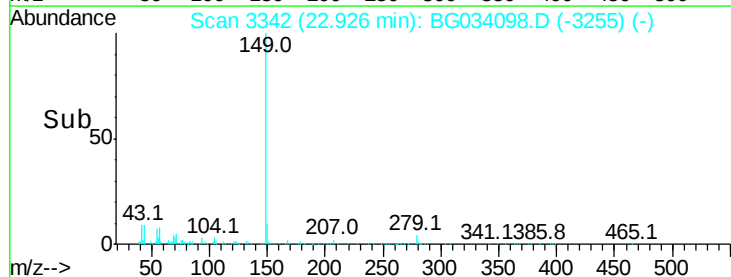
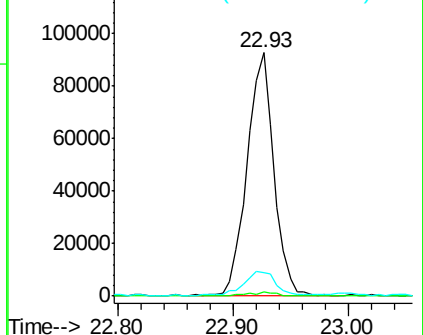
43 12.2 8.9 13.3

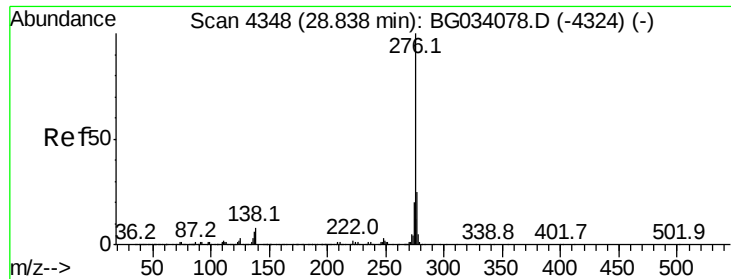


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

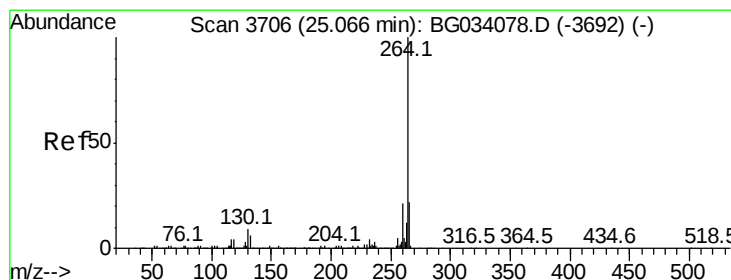
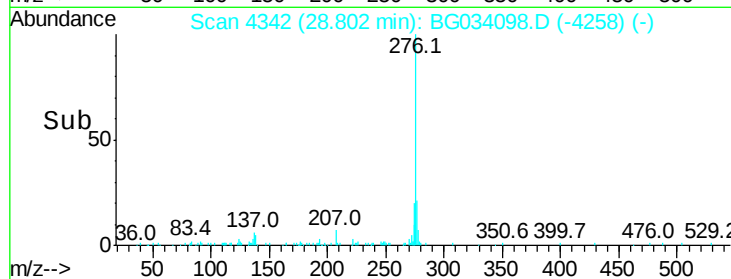
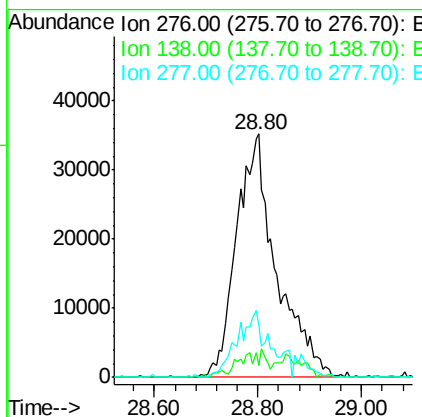
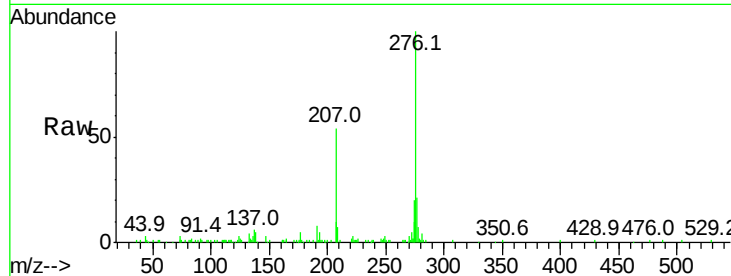




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.652 ng
 RT: 28.80 min Scan# 4342
 Delta R.T. -0.04 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

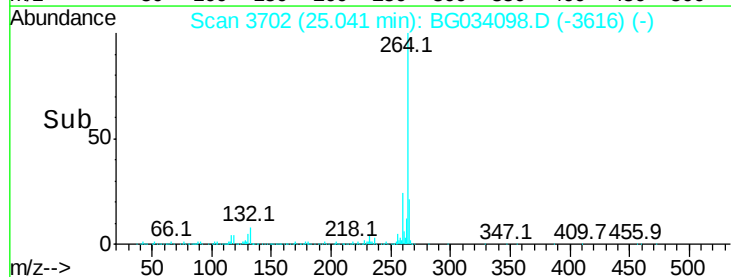
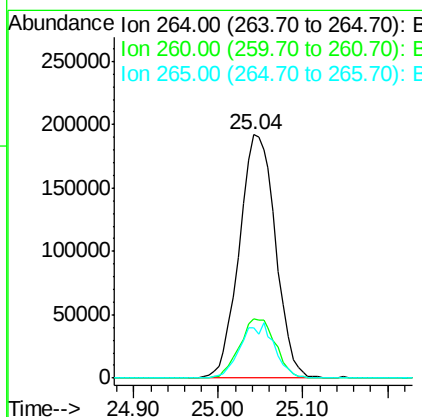
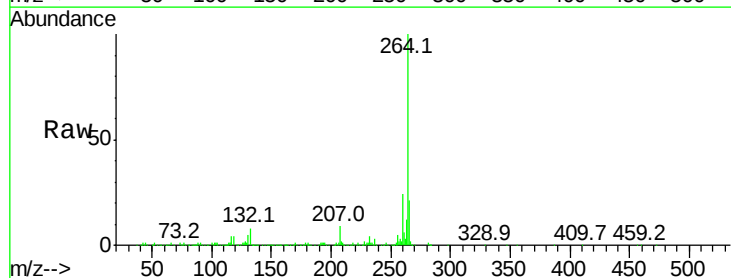
Instrument :
 BNA_G
 ClientSampleId :

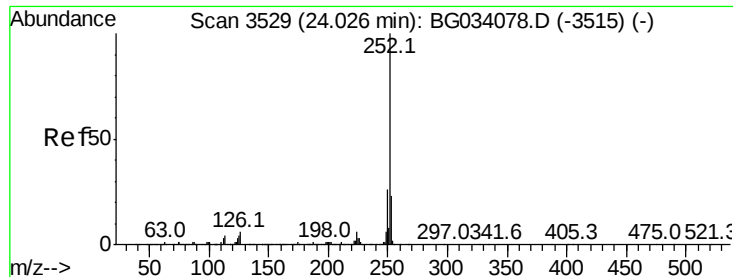
Tot Ion	Ratio	Lower	Upper
276	100		
138	1.9	16.0	24.0#
277	3.2	20.0	30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.02 min
 Lab File: BG034098.D
 Acq: 2 May 2018 3:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	20.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 4.916 ng

RT: 24.00 min Scan# 3524

Delta R.T. -0.03 min

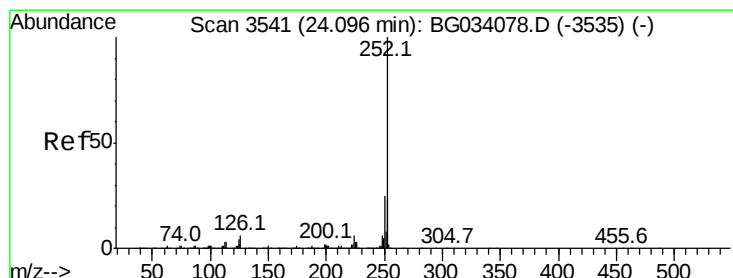
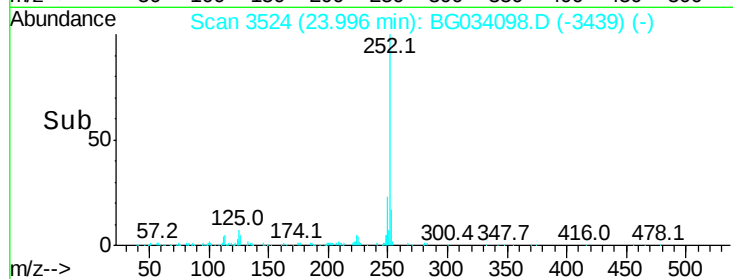
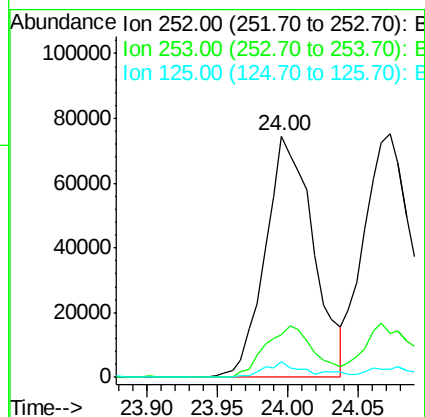
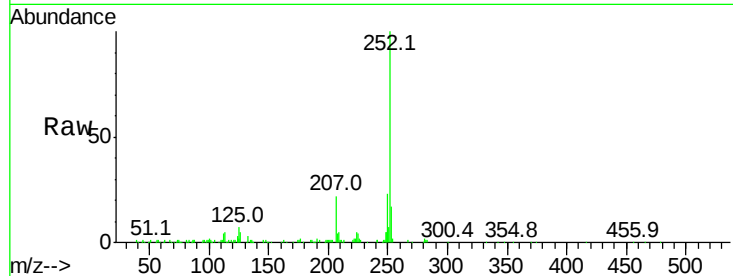
Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 177246

Ion	Ratio	Lower	Upper
252	100		
253	17.5	18.2	27.4#
125	6.5	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 5.097 ng

RT: 24.07 min Scan# 3537

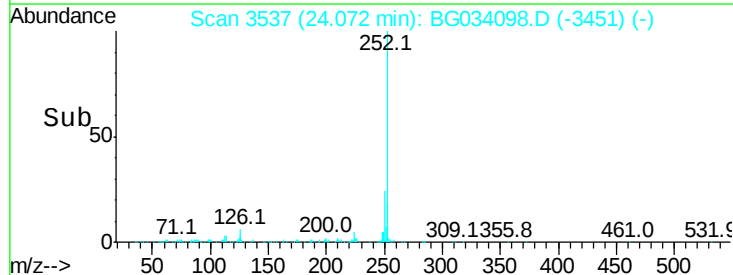
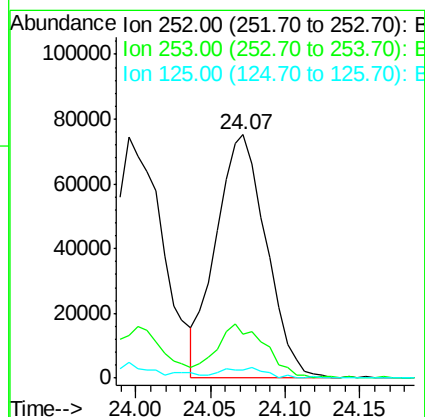
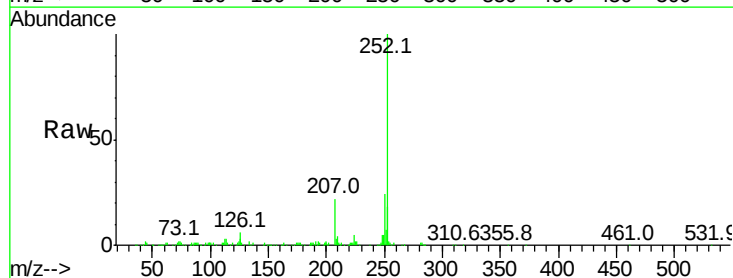
Delta R.T. -0.02 min

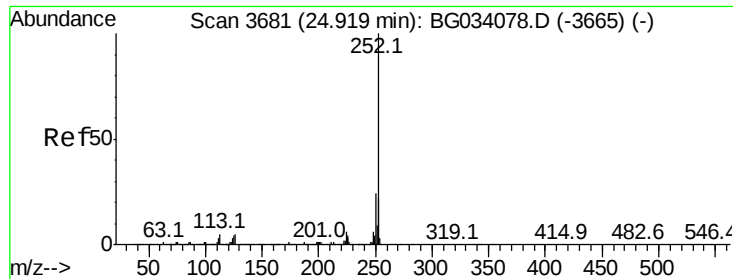
Lab File: BG034098.D

Acq: 2 May 2018 3:30

Tgt Ion:252 Resp: 175657

Ion	Ratio	Lower	Upper
252	100		
253	18.0	17.4	26.2
125	3.2	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 4.877 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

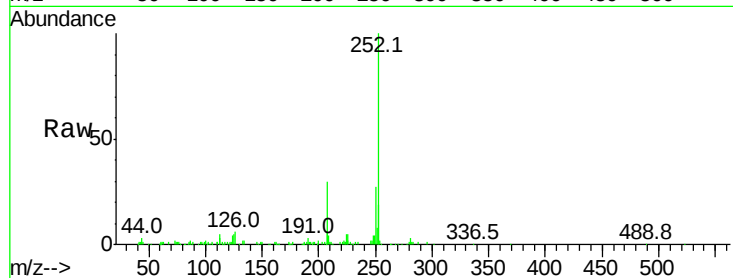
Tot Ion:252 Resp: 164498

Ion Ratio Lower Upper

252 100

253 18.6 18.3 27.5

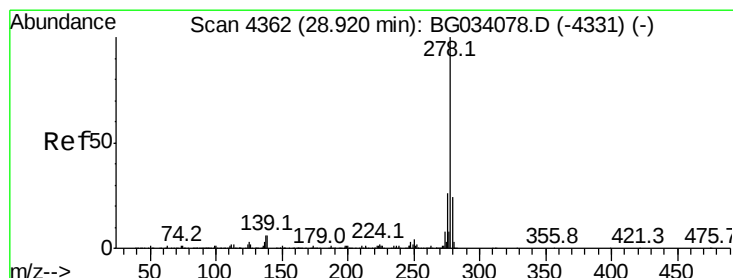
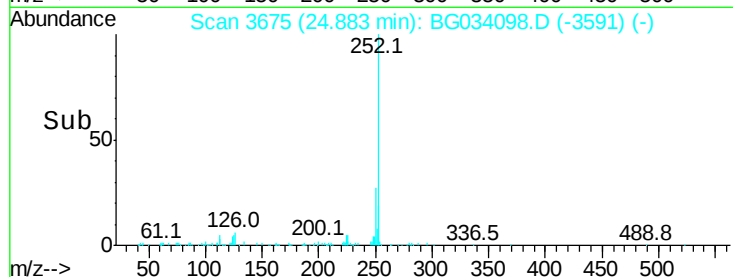
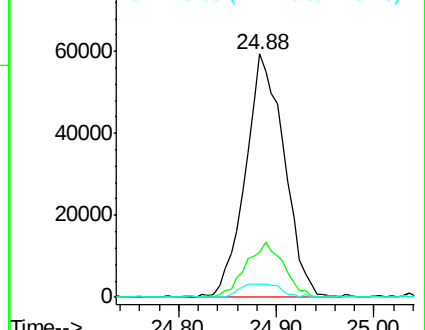
125 5.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.763 ng

RT: 28.88 min Scan# 4355

Delta R.T. -0.04 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

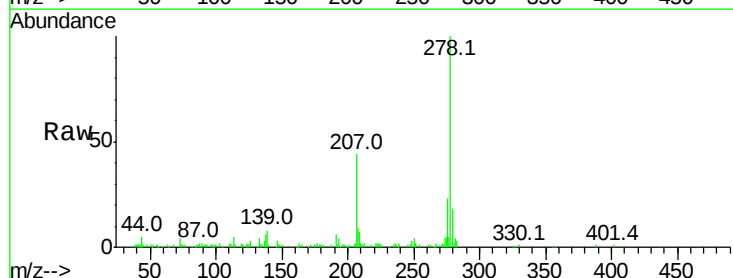
Tgt Ion:278 Resp: 151459

Ion Ratio Lower Upper

278 100

139 9.0 9.8 14.6#

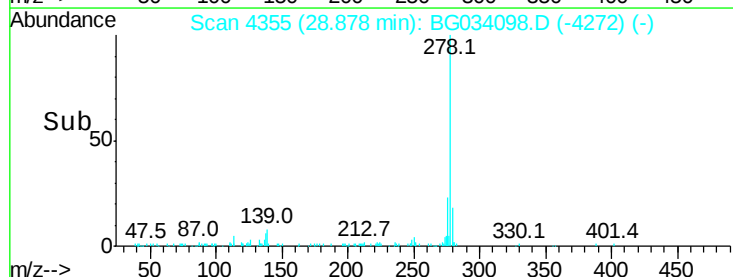
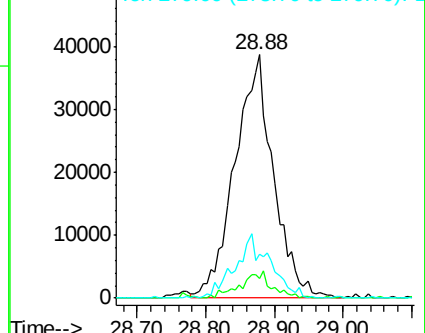
279 17.9 18.4 27.6#

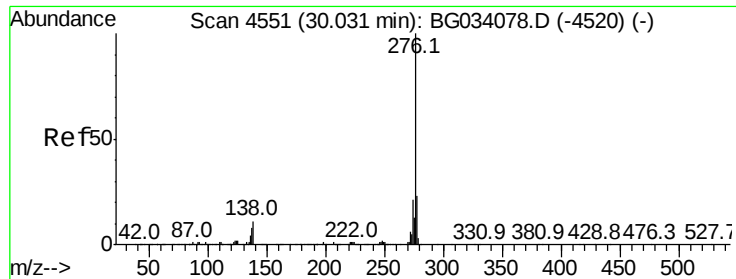


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 4.977 ng

RT: 29.95 min Scan# 4537

Delta R.T. -0.08 min

Lab File: BG034098.D

Acq: 2 May 2018 3:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 155998

Ion Ratio Lower Upper

276 100

277 19.9 18.3 27.5

138 7.2 13.9 20.9#

