

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034121.D
 Acq On : 2 May 2018 18:12
 Operator : SJ/JU
 Sample : PB108725BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BL

Quant Time: May 03 05:09:42 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	73784	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	277735	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	218140	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	614674	20.00	ng	0.00
75) Chrysene-d12	21.76	240	759504	20.00	ng	-0.01
86) Perylene-d12	25.05	264	737330	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	679515	148.79	ng	0.00
7) Phenol-d6	7.22	99	990166	139.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	703502	97.19	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	477425	158.06	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1453152	97.07	ng	0.00
78) Terphenyl-d14	20.09	244	3103994	89.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	78	0.041	ng	# 1
3) Pyridine	3.96	79	70	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	532	0.162	ng	# 1
6) Aniline	7.39	93	431	0.045	ng	# 41
8) 2-Chlorophenol	7.64	128	247	0.054	ng	# 88
10) Phenol	7.24	94	124	0.017	ng	# 1
11) bis(2-Chloroethyl)ether	7.49	93	115	0.020	ng	# 16
12) 1,3-Dichlorobenzene	8.05	146	88	0.015	ng	# 1
13) 1,4-Dichlorobenzene	8.09	146	72	0.013	ng	# 23
14) 1,2-Dichlorobenzene	8.42	146	57	0.010	ng	# 1
15) Benzyl Alcohol	8.39	79	14792	1.950	ng	# 57
16) 2,2'-oxybis(1-Chloropropan	8.57	45	328	0.042	ng	# 75
17) 2-Methylphenol	8.44	107	60	0.013	ng	# 2
18) Hexachloroethane	9.16	117	61	0.025	ng	# 1
20) 3+4-Methylphenols	8.86	107	58	0.008	ng	# 24
22) Acetophenone	8.85	105	95	0.010	ng	# 50
24) Nitrobenzene	9.24	77	4056	0.512	ng	# 63
25) Isophorone	9.82	82	193	0.013	ng	# 1
26) 2-Nitrophenol	10.02	139	126	0.057	ng	# 4
27) 2,4-Dimethylphenol	10.02	122	54	0.013	ng	# 4
28) bis(2-Chloroethoxy)methane	10.33	93	148	0.020	ng	# 51
29) 2,4-Dichlorophenol	10.52	162	62	0.012	ng	# 5
30) 1,2,4-Trichlorobenzene	10.77	180	65	0.011	ng	# 12
31) Naphthalene	10.95	128	68	0.005	ng	# 68
33) 4-Chloroaniline	11.04	127	129	0.020	ng	# 1
34) Hexachlorobutadiene	11.24	225	65	0.013	ng	# 1
35) Caprolactam	11.81	113	109	0.060	ng	# 1
36) 4-Chloro-3-methylphenol	12.06	107	71	0.011	ng	# 22
37) 2-Methylnaphthalene	12.54	142	128	0.011	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	62	0.007	ng	# 25
40) Hexachlorocyclopentadiene	12.96	237	54	0.011	ng	# 22
42) 2,4,6-Trichlorophenol	13.14	196	126	0.026	ng	# 11
43) 2,4,5-Trichlorophenol	13.22	196	81	0.015	ng	# 17
45) 1,1'-Biphenyl	13.55	154	3877	0.228	ng	# 99

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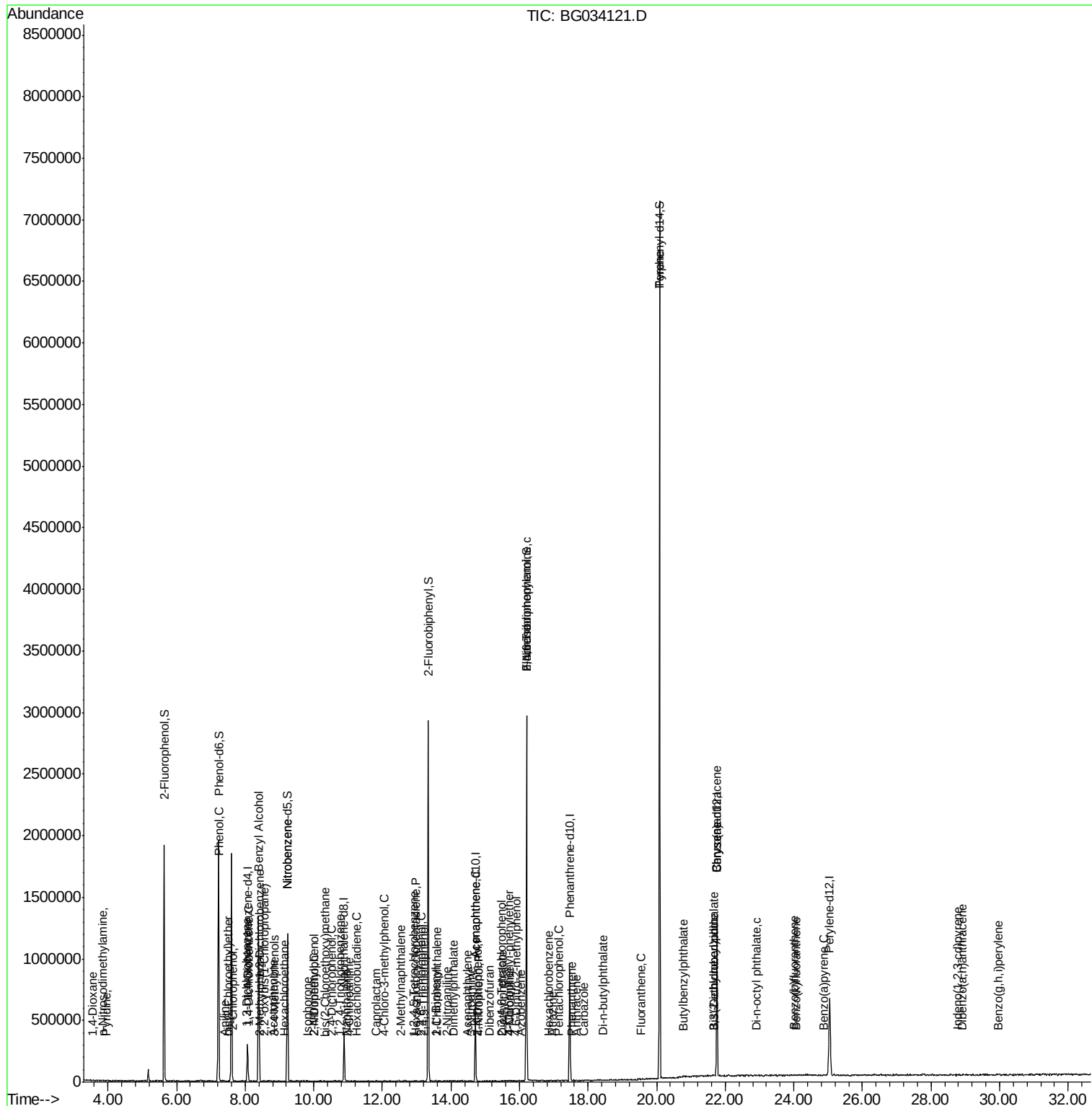
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.58	162	82	0.006	nq	# 39
47) 2-Nitroaniline	13.90	65	155	0.030	nq	# 9
48) Acenaphthylene	14.49	152	188	0.009	nq	# 1
49) Dimethylphthalate	14.09	163	97	0.005	nq	# 77
51) Acenaphthene	14.71	154	1146	0.082	nq	# 22
52) 3-Nitroaniline	14.59	138	80	0.022	nq	# 1
53) 2,4-Dinitrophenol	14.77	184	183	0.129	nq	# 1
54) Dibenzofuran	15.12	168	117	0.006	nq	# 46
55) 4-Nitrophenol	14.80	139	102	0.036	nq	# 1
57) Fluorene	16.20	166	12424	0.702	nq	# 82
58) 2,3,4,6-Tetrachlorophenol	15.49	232	70	0.012	nq	# 1
59) Diethylphthalate	15.52	149	114	0.006	nq	# 58
60) 4-Chlorophenyl-phenylether	15.70	204	69	0.007	nq	# 30
61) 4-Nitroaniline	15.73	138	124	0.032	nq	# 12
62) Azobenzene	16.05	77	360	0.017	nq	# 18
64) 4,6-Dinitro-2-methylphenol	15.91	198	172	0.060	nq	# 29
65) n-Nitrosodiphenylamine	16.20	169	17961	1.072	nq	# 42
67) Hexachlorobenzene	16.84	284	91	0.012	nq	# 41
68) Atrazine	16.95	200	135	0.930	nq	# 35
69) Pentachlorophenol	17.14	266	86	0.016	nq	# 53
70) Phenanthrene	17.51	178	99	0.003	nq	# 60
71) Anthracene	17.65	178	277	0.009	nq	# 59
72) Carbazole	17.87	167	77	0.003	nq	# 1
73) Di-n-butylphthalate	18.44	149	246	0.007	nq	# 78
74) Fluoranthene	19.52	202	63	0.002	nq	# 65
77) Pyrene	20.09	202	15921	0.335	nq	# 66
79) Butylbenzylphthalate	20.79	149	87	0.005	nq	# 1
80) Benzo(a)anthracene	21.75	228	2383	0.049	nq	# 61
81) 3,3'-Dichlorobenzidine	21.66	252	413	0.022	nq	# 75
82) Chrysene	21.75	228	2383	0.051	nq	# 59
83) Bis(2-ethylhexyl)phthalate	21.67	149	638	0.025	nq	# 38
84) Di-n-octyl phthalate	22.92	149	164	0.004	nq	# 74
85) Indeno(1,2,3-cd)pyrene	28.78	276	126	0.002	nq	# 53
87) Benzo(b)fluoranthene	24.00	252	97	0.002	nq	# 59
88) Benzo(k)fluoranthene	24.05	252	378	0.008	nq	# 60
89) Benzo(a)pyrene	24.87	252	120	0.003	nq	# 59
90) Dibenzo(a,h)anthracene	28.91	278	129	0.003	nq	# 58
91) Benzo(g,h,i)perylene	29.96	276	86	0.002	nq	# 56

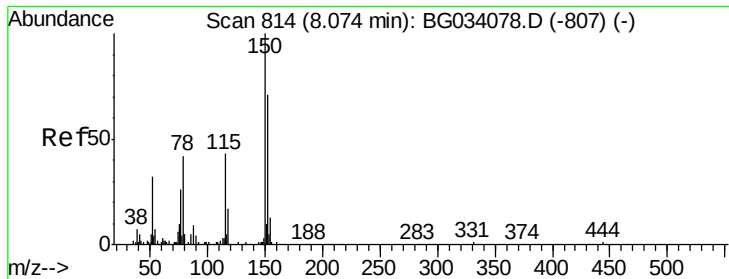
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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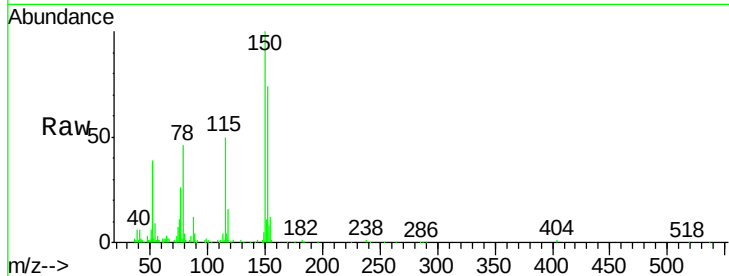


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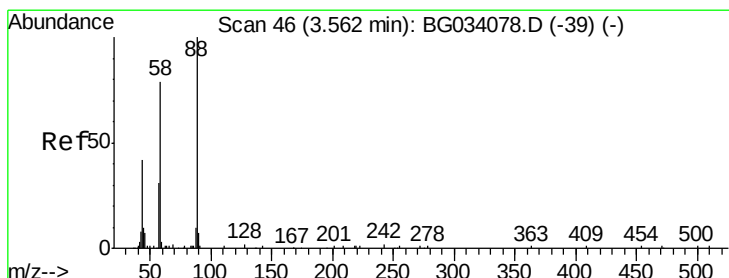
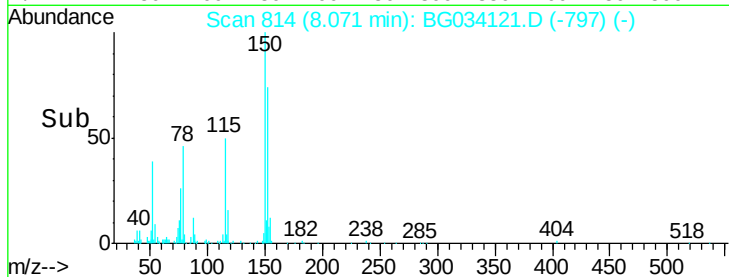
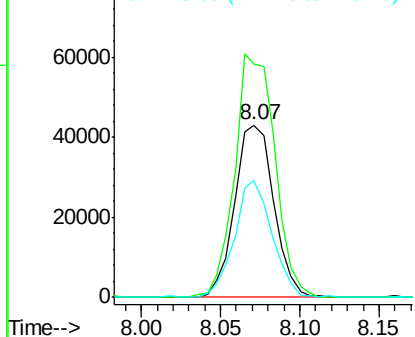
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Instrument :
BNA_G
ClientSampleId :
PB108725BL

Tot Ion:152 Resp: 73784
Ion Ratio Lower Upper
152 100
150 135.8 126.6 189.8
115 67.7 53.0 79.4



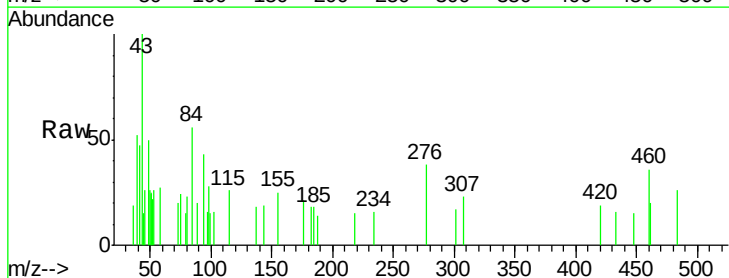
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



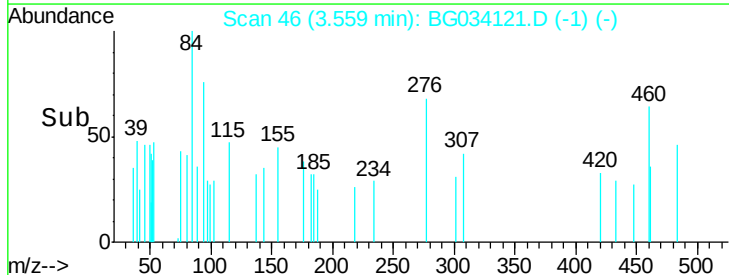
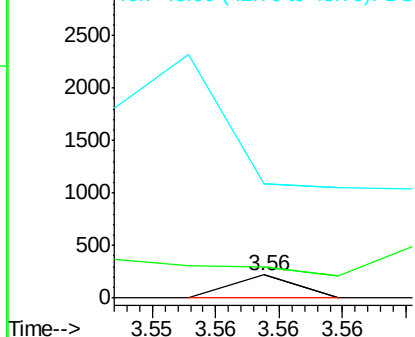
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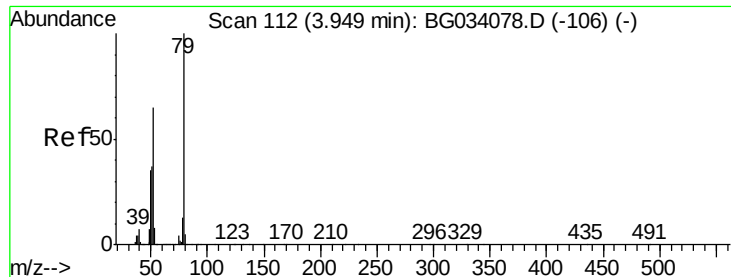
1,4-Dioxane
Concen: 0.041 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
58 535.9 79.6 119.4#
43 3151.3 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.012 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

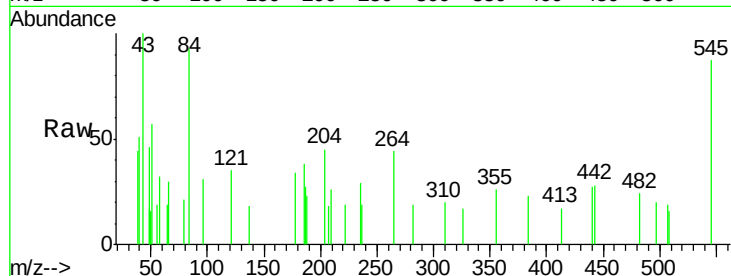
Tot Ion: 79 Resp: 70

Ion Ratio Lower Upper

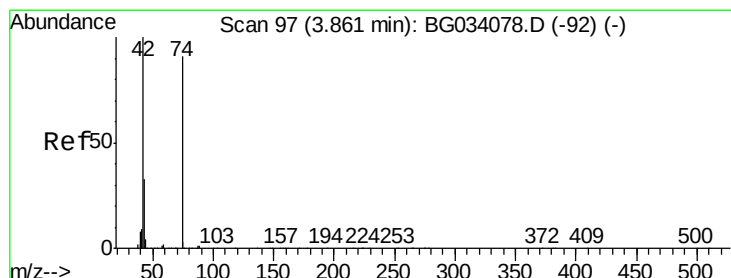
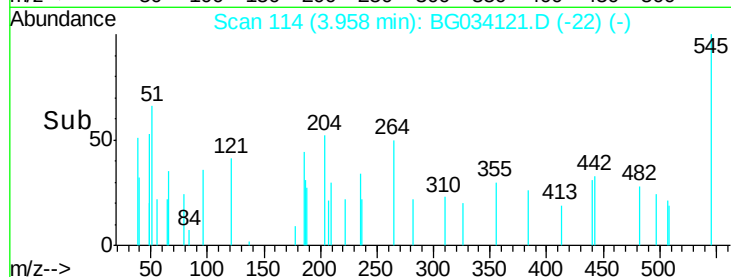
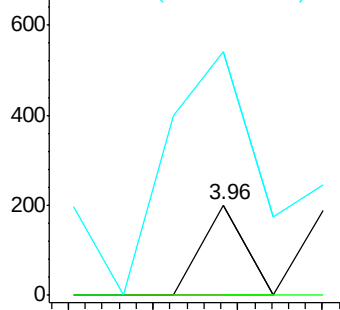
79 100

52 0.0 69.9 104.9#

51 270.5 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 0.162 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

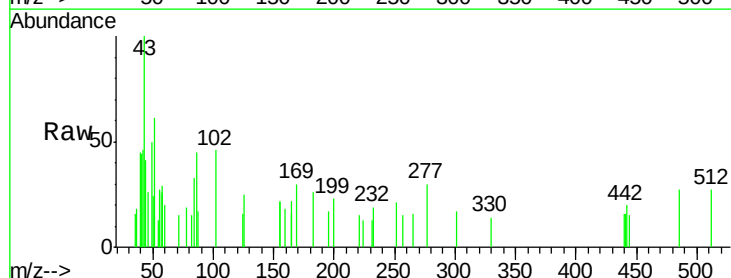
Tgt Ion: 42 Resp: 532

Ion Ratio Lower Upper

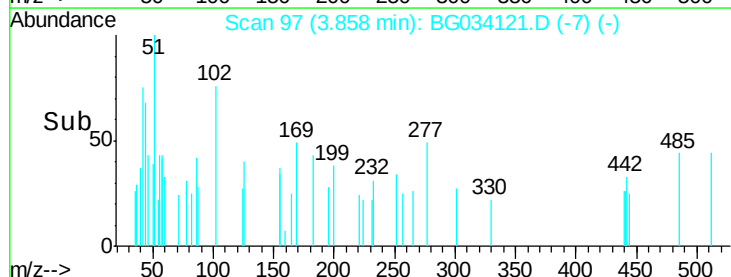
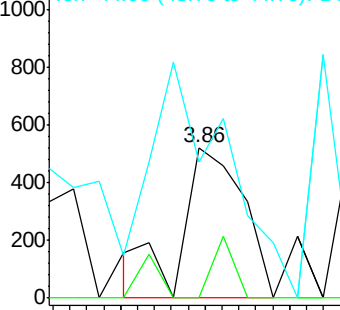
42 100

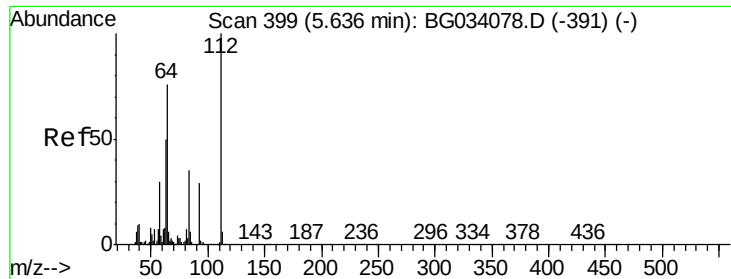
74 0.0 102.5 153.7#

44 90.8 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.792 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampled :

PB108725BL

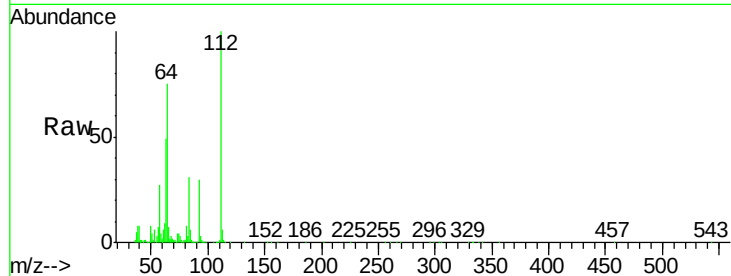
Tot Ion:112 Resp: 679515

Ion Ratio Lower Upper

112 100

64 74.6 56.3 84.5

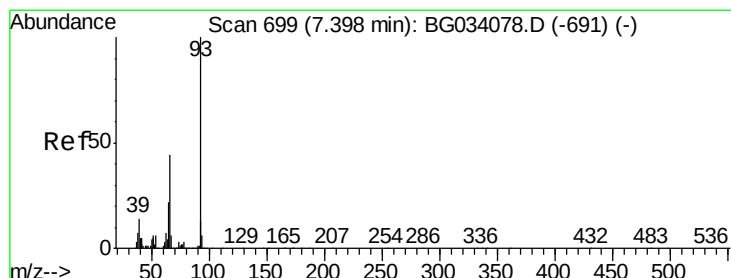
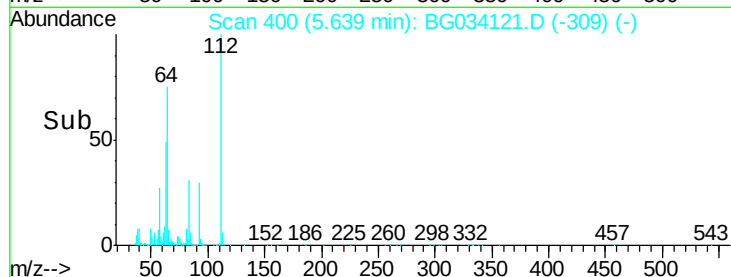
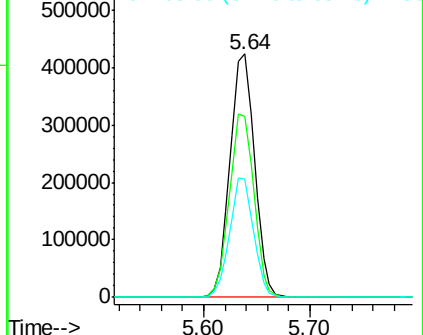
63 48.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.045 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

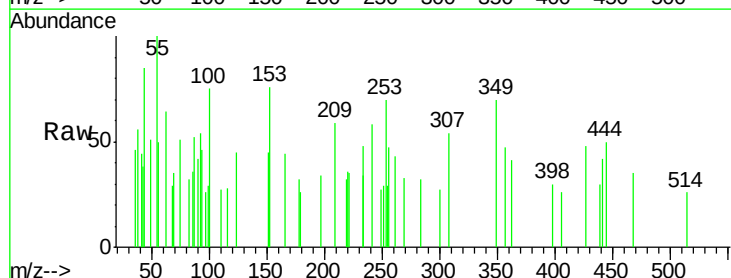
Tgt Ion: 93 Resp: 431

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

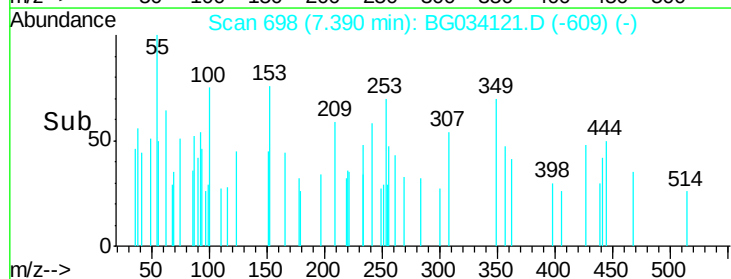
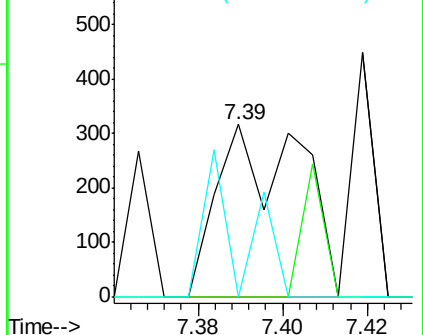
65 0.0 16.1 24.1#

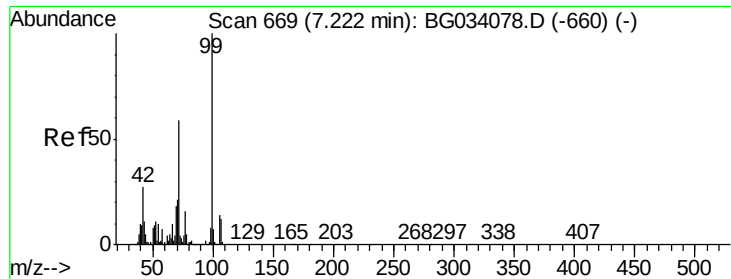


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.268 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034121.D

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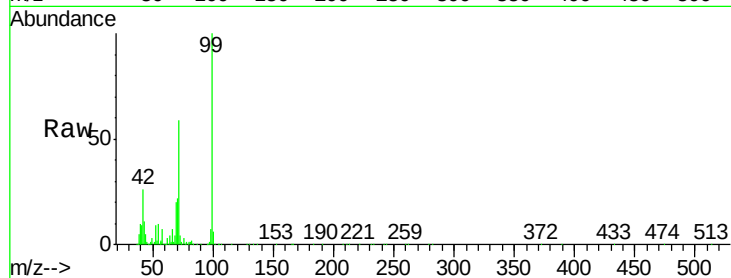
Tot Ion: 99 Resp: 990166

Ion Ratio Lower Upper

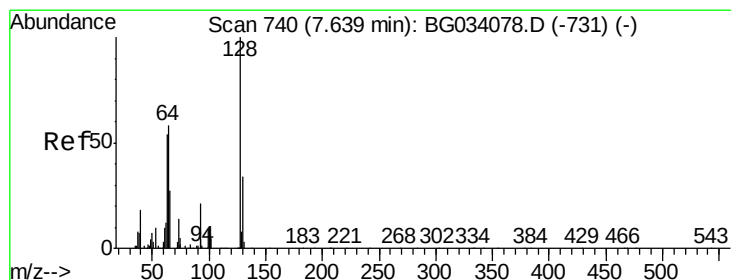
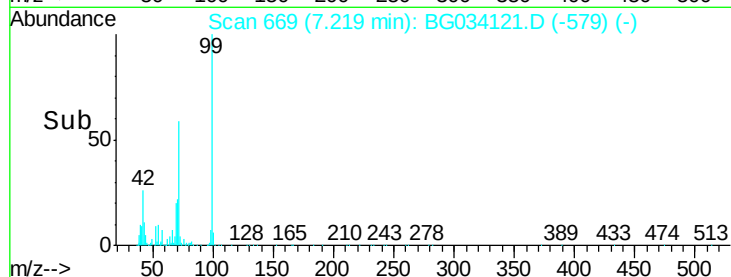
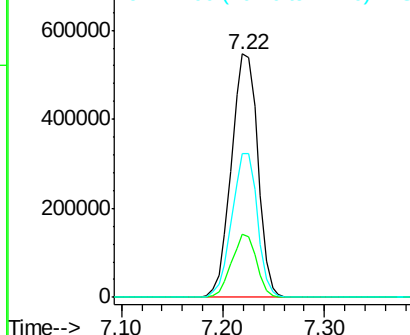
99 100

42 25.8 14.1 21.1#

71 58.9 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 0.054 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

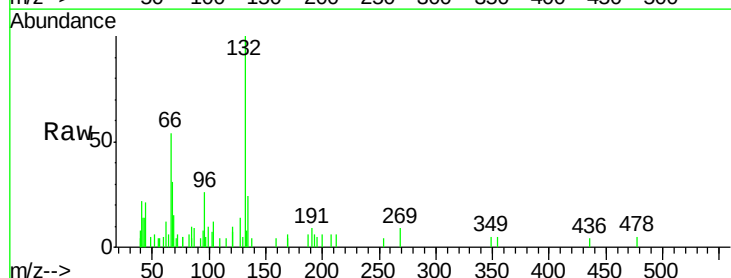
Tgt Ion: 128 Resp: 247

Ion Ratio Lower Upper

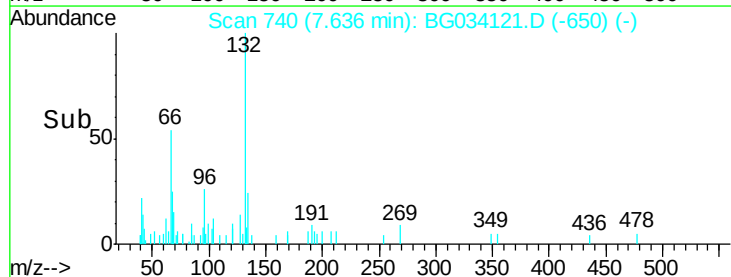
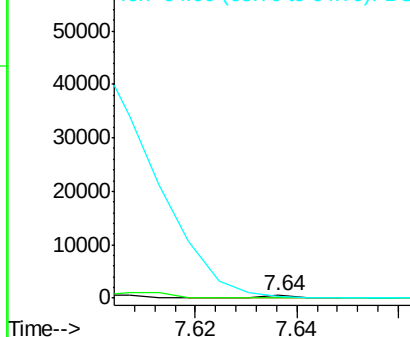
128 100

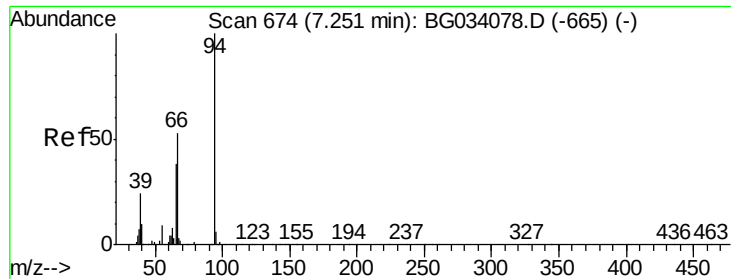
130 35.7 14.0 54.0

64 44.9 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





#10

Phenol

Concen: 0.017 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG034121.D

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ClientSampled :

PB108725BL

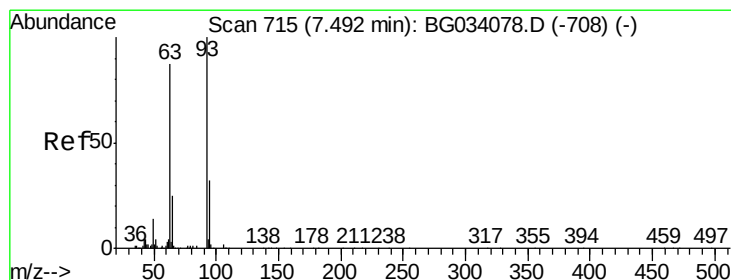
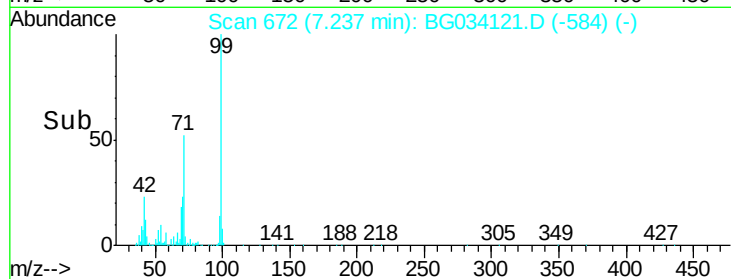
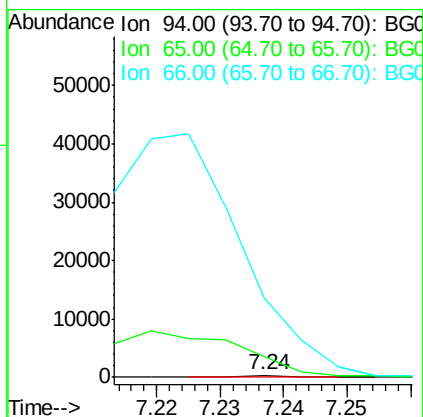
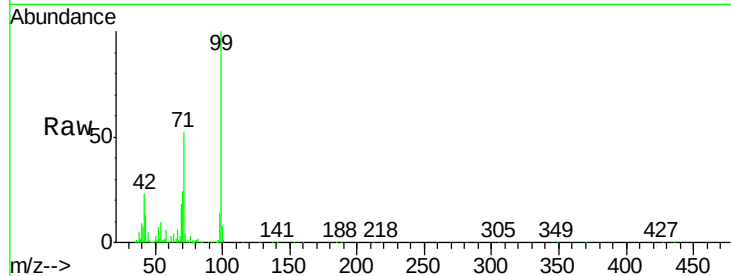
Tot Ion: 94 Resp: 124

Ion Ratio Lower Upper

94 100

65 999.7 11.9 51.9#

66 3864.3 22.2 62.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.020 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

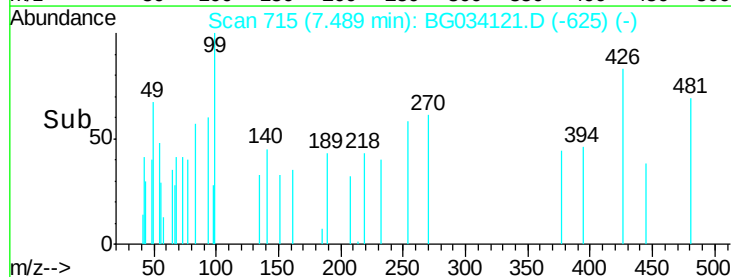
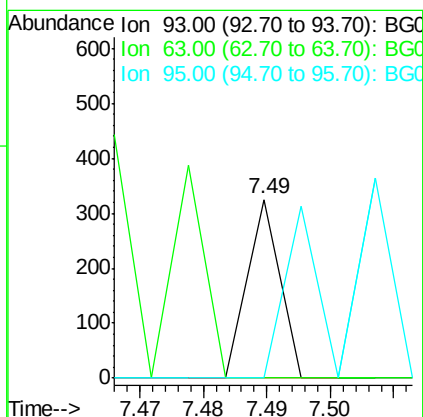
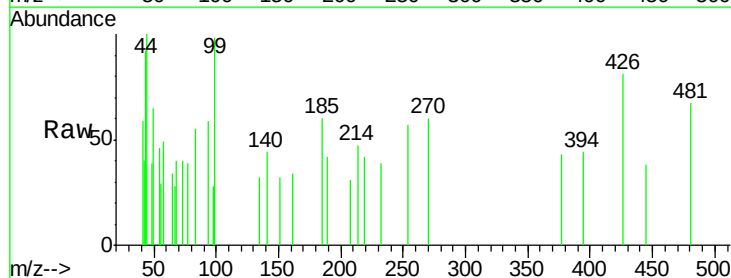
Tgt Ion: 93 Resp: 115

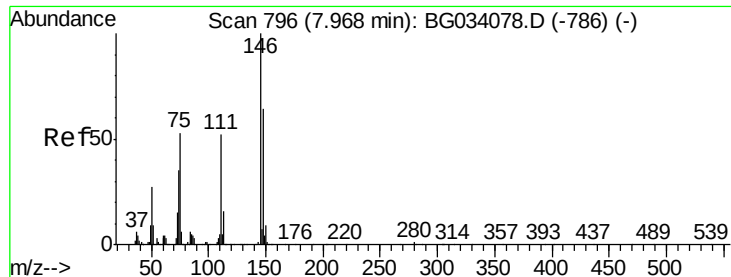
Ion Ratio Lower Upper

93 100

63 0.0 67.1 107.1#

95 0.0 11.5 51.5#





#12

1,3-Dichlorobenzene

Concen: 0.015 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.08 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

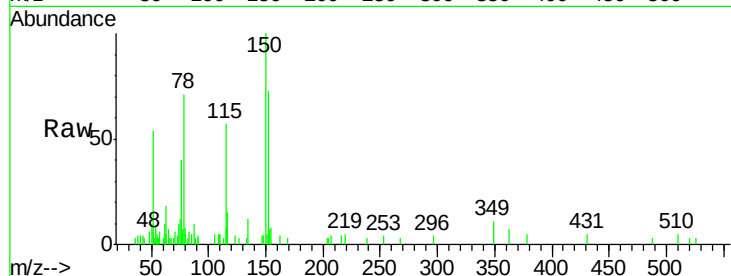
Tot Ion:146 Resp: 88

Ion Ratio Lower Upper

146 100

148 0.0 51.4 77.2#

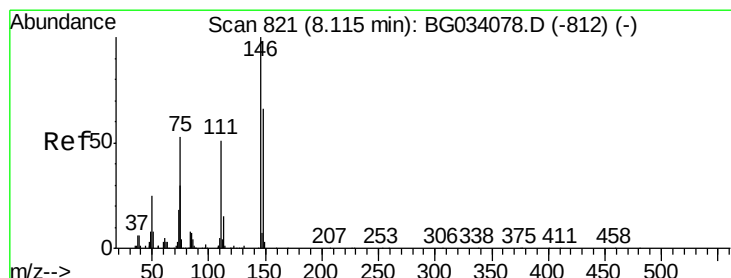
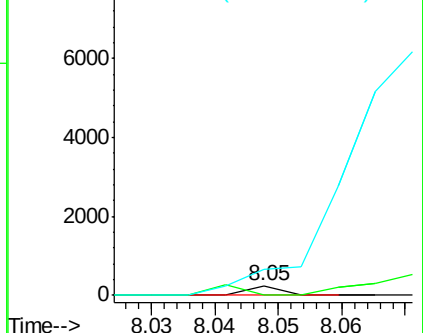
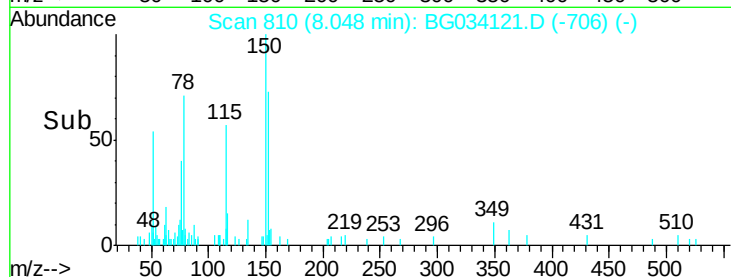
75 262.0 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 0.013 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

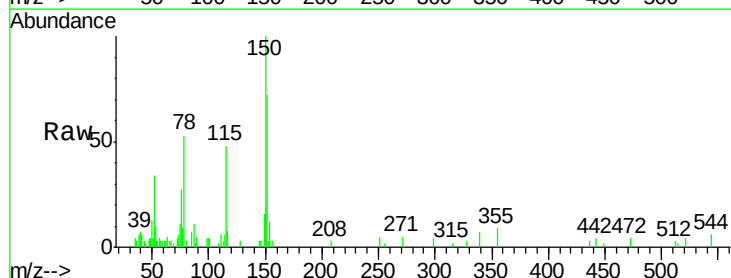
Tgt Ion:146 Resp: 72

Ion Ratio Lower Upper

146 100

148 0.0 53.7 80.5#

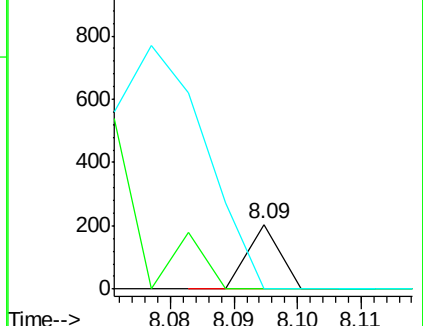
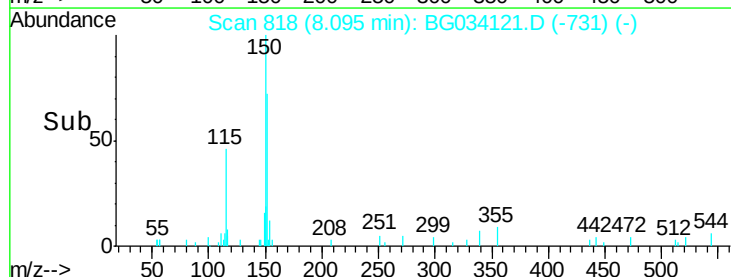
111 0.0 35.2 52.8#

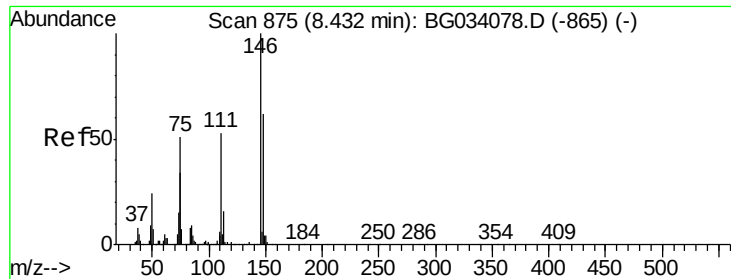


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

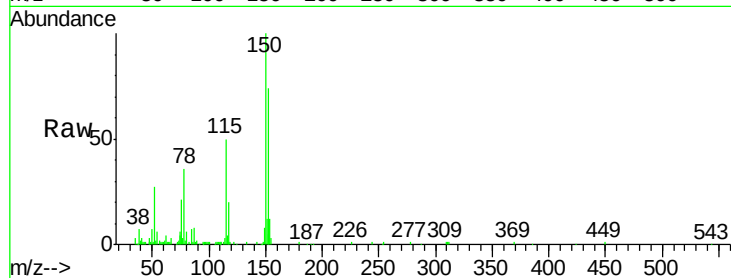




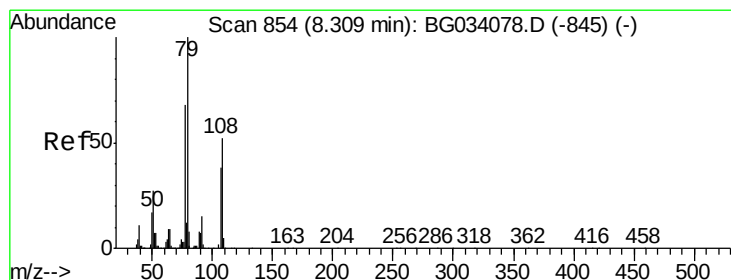
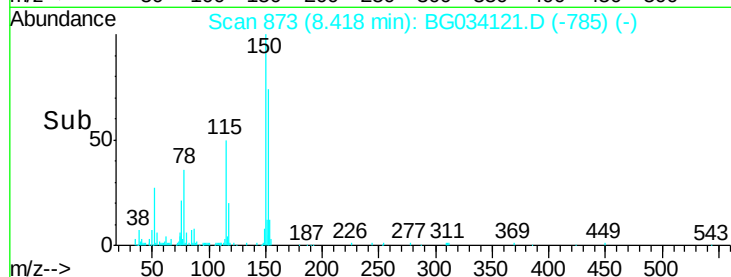
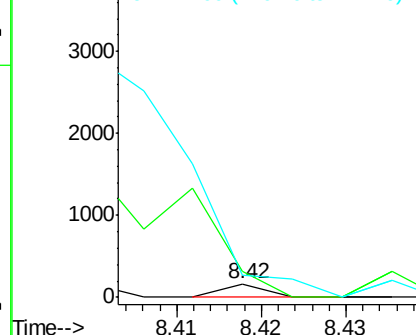
#14
 1,2-Dichlorobenzene
 Concen: 0.010 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB108725BL

Tot Ion	Ratio	Lower	Upper
146	100		
148	190.8	49.3	73.9#
111	167.5	34.3	51.5#

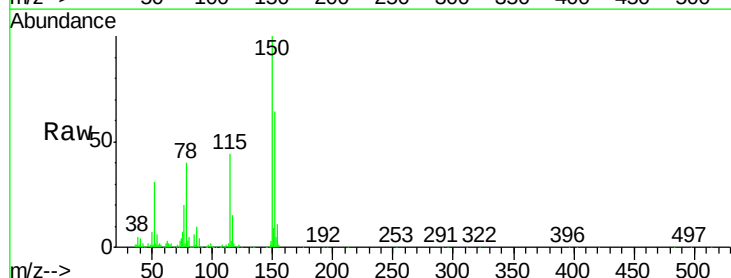


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

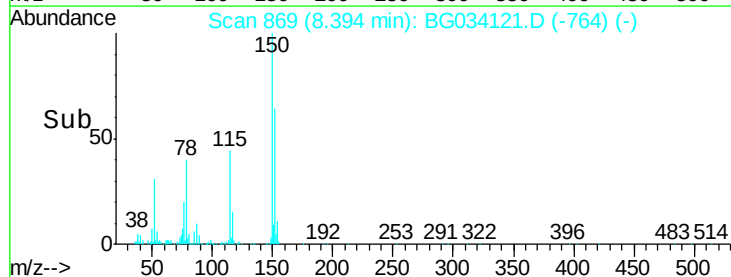
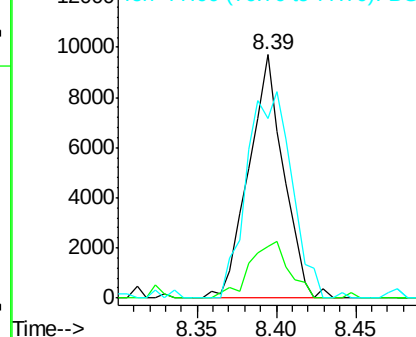


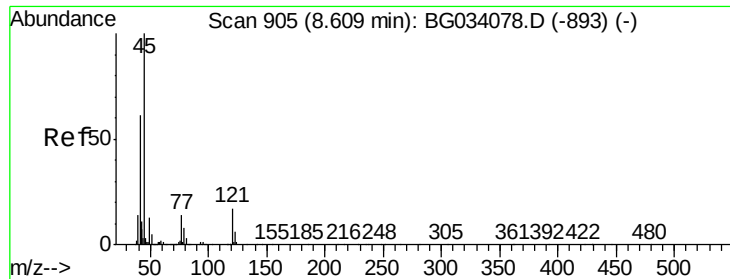
#15
 Benzyl Alcohol
 Concen: 1.950 ng
 RT: 8.39 min Scan# 869
 Delta R.T. 0.09 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

Tgt Ion	Ratio	Lower	Upper
79	100		
108	21.1	57.2	85.8#
77	73.6	46.1	69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BGC

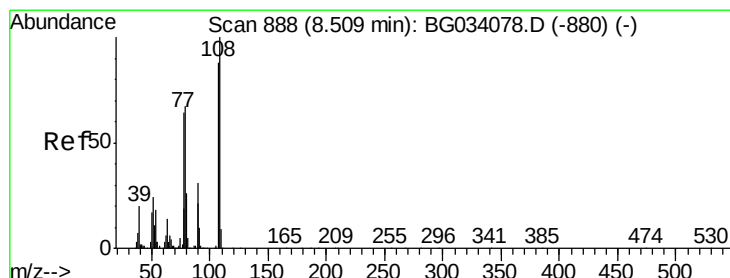
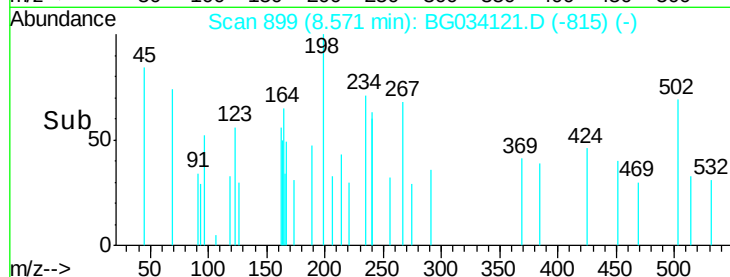
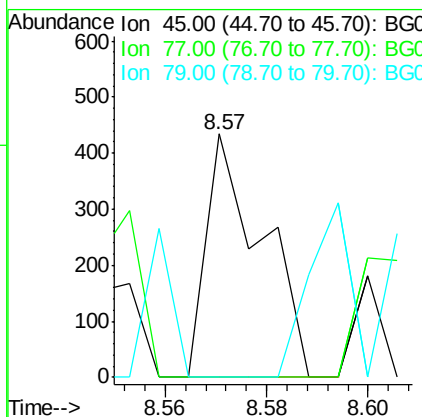
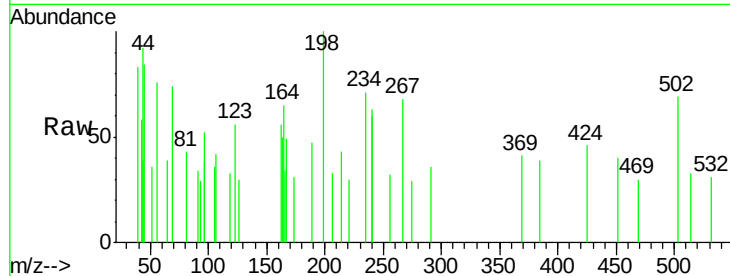




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.042 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.04 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

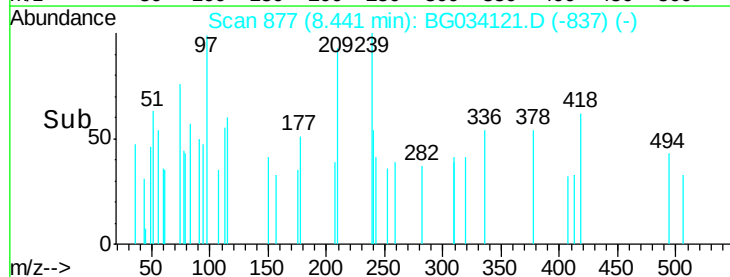
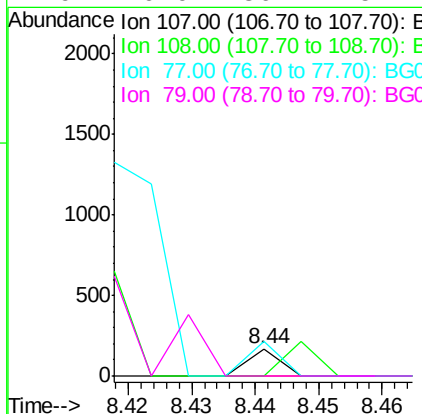
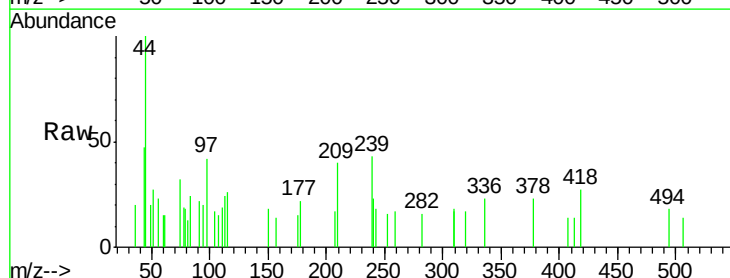
Instrument :
BNA_G
ClientSampleId :
PB108725BL

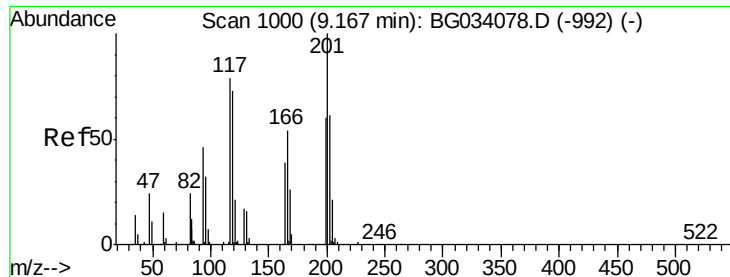
Tot Ion: 45 Resp: 328
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#17
2-Methylphenol
Concen: 0.013 ng
RT: 8.44 min Scan# 877
Delta R.T. -0.07 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Tgt Ion: 107 Resp: 60
Ion Ratio Lower Upper
107 100
108 0.0 83.9 125.9#
77 125.3 37.2 55.8#
79 0.0 36.2 54.2#

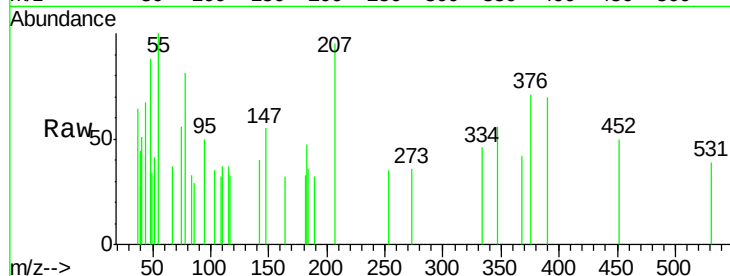




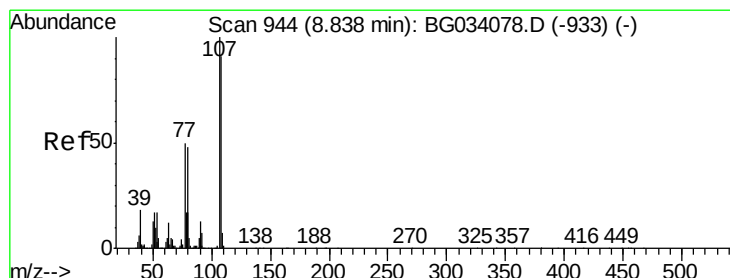
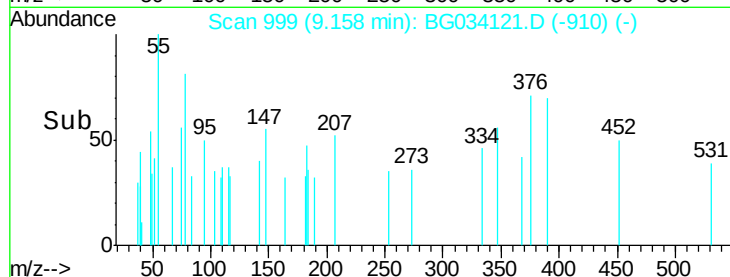
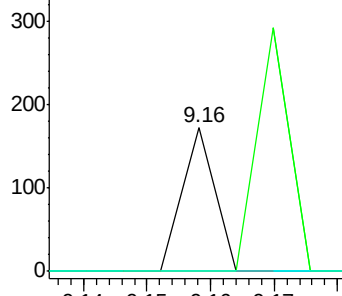
#18
Hexachloroethane
Concen: 0.025 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Instrument :
BNA_G
ClientSampleId :
PB108725BL

Tot Ion:117 Resp: 61
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 95.7 143.5#

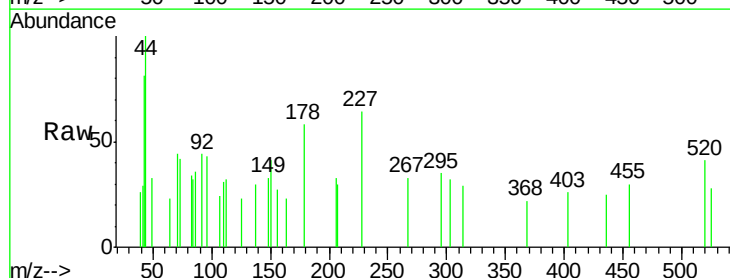


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

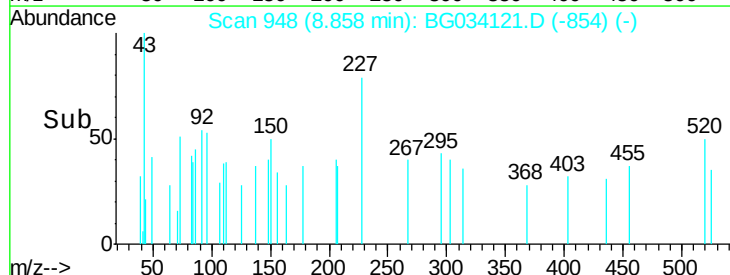
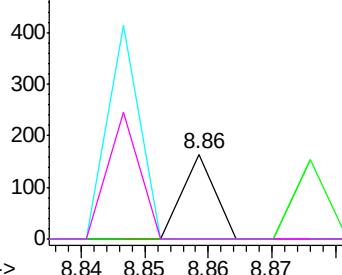


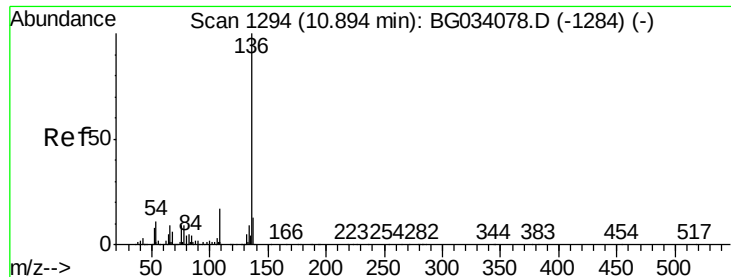
#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.02 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Tgt Ion:107 Resp: 58
Ion Ratio Lower Upper
107 100
108 0.0 61.6 101.6#
77 0.0 13.9 53.9#
79 0.0 8.8 48.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

Tot Ion:136 Resp: 277735

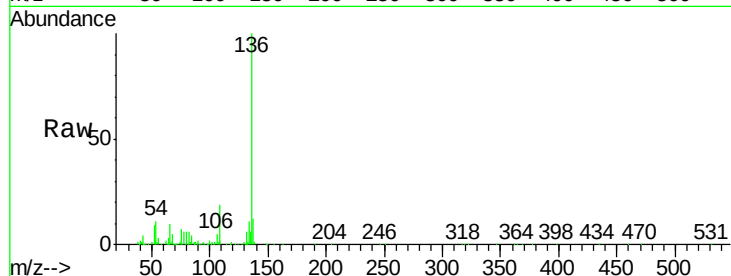
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 11.2 10.3 15.5

68 5.1 4.5 6.7

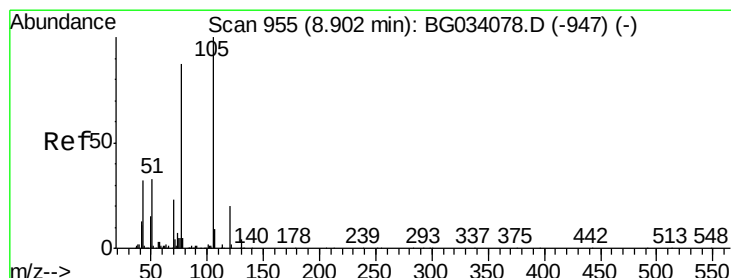
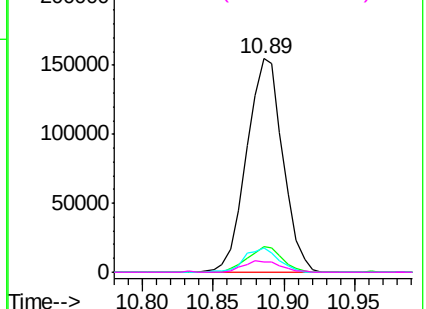
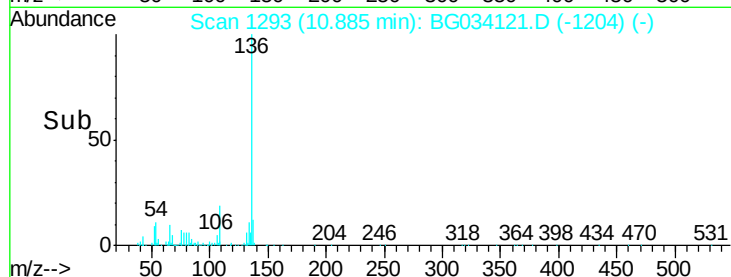


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.010 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.06 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Tgt Ion:105 Resp: 95

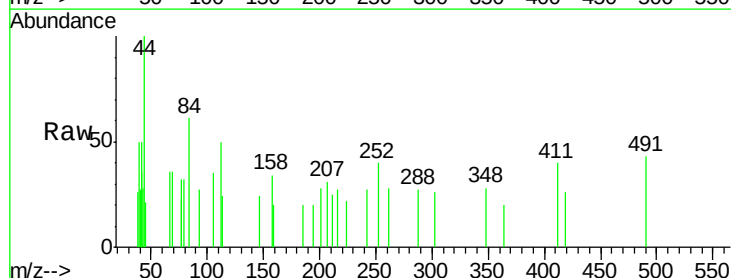
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 0.0 17.4 26.2#

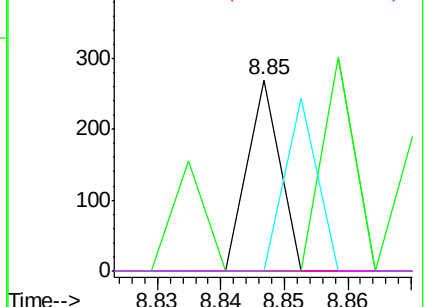
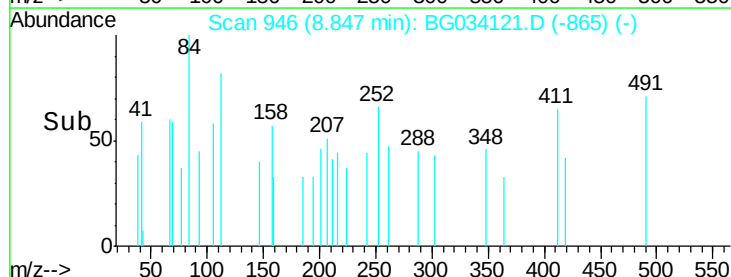


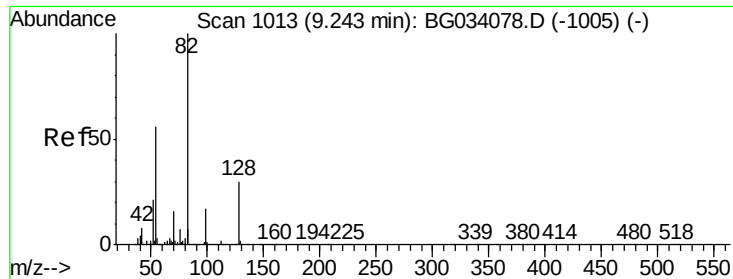
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

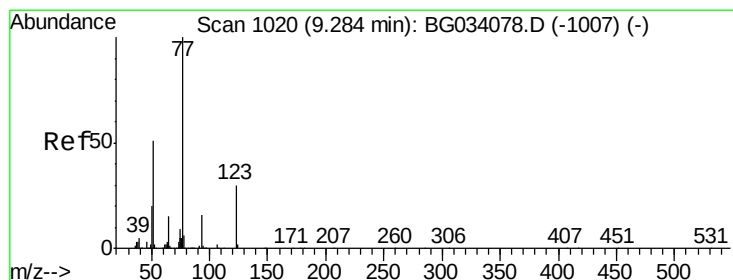
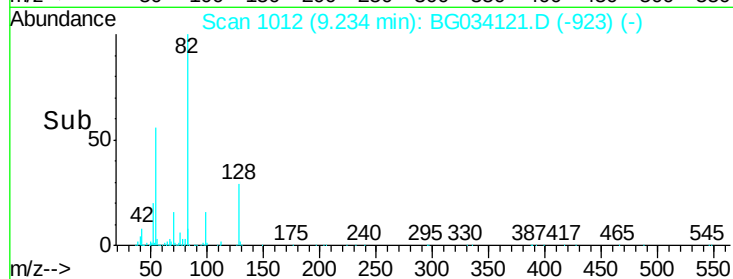
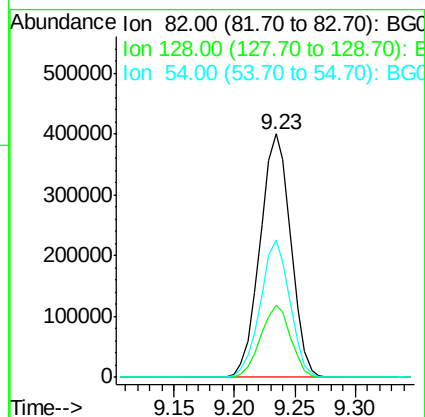
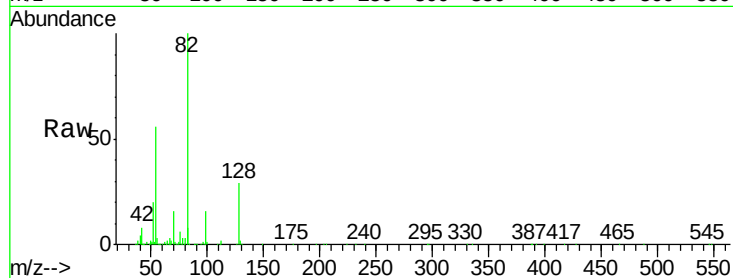




#23
Nitrobenzene-d5
Concen: 97.186 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

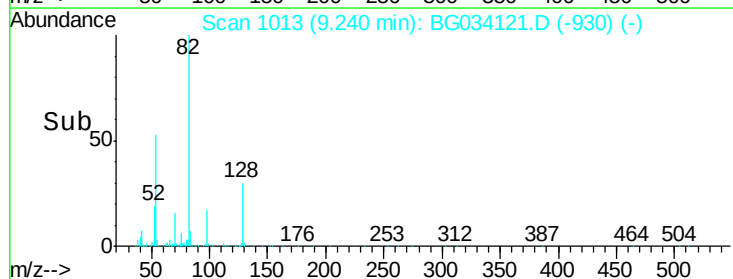
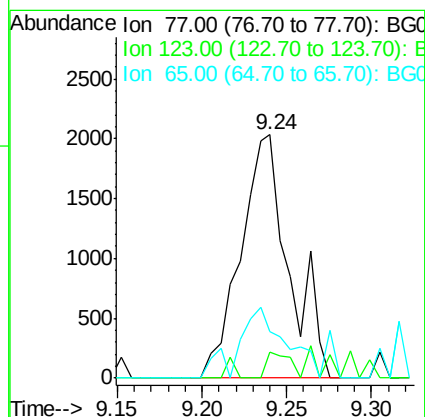
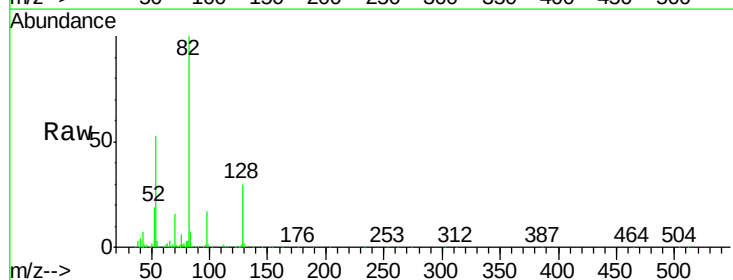
Instrument :
BNA_G
ClientSampleId :
PB108725BL

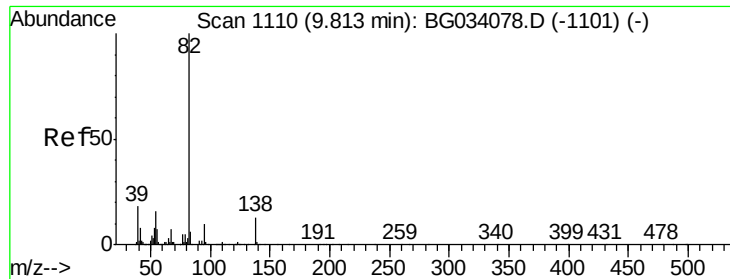
Tot Ion: 82 Resp: 703502
Ion Ratio Lower Upper
82 100
128 29.4 29.7 44.5#
54 56.2 43.1 64.7



#24
Nitrobenzene
Concen: 0.512 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.04 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Tgt Ion: 77 Resp: 4056
Ion Ratio Lower Upper
77 100
123 10.5 33.0 49.6#
65 18.9 13.0 19.6





#25

Isophorone

Concen: 0.013 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

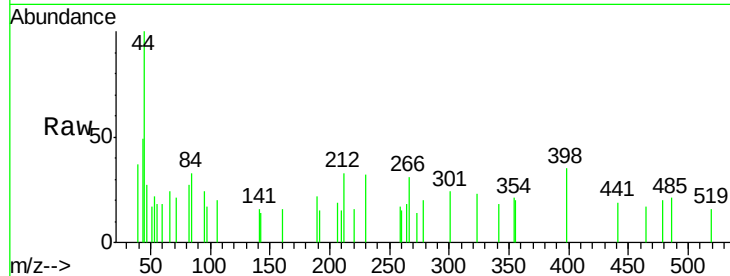
Tot Ion: 82 Resp: 193

Ion Ratio Lower Upper

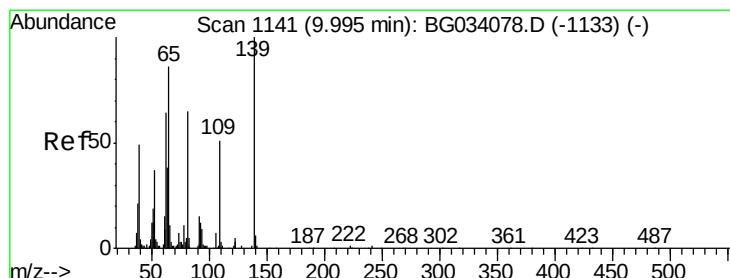
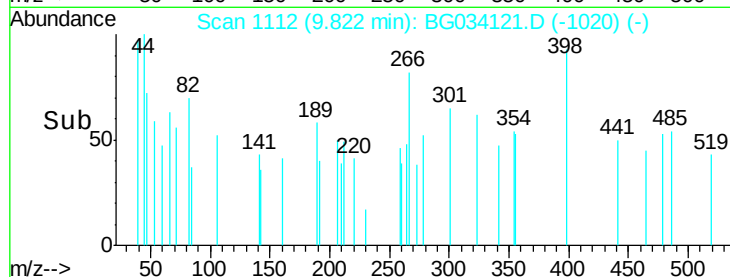
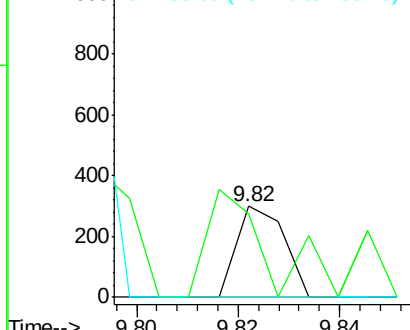
82 100

95 91.6 6.2 9.2#

138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 0.057 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.03 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

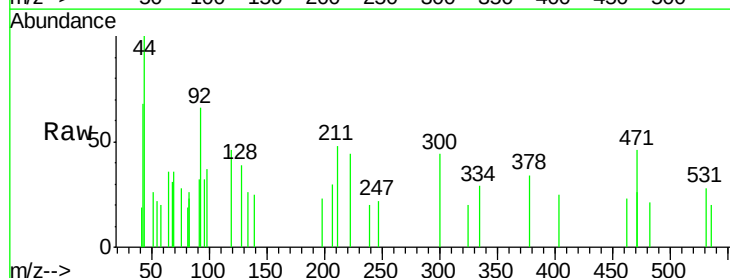
Tgt Ion: 139 Resp: 126

Ion Ratio Lower Upper

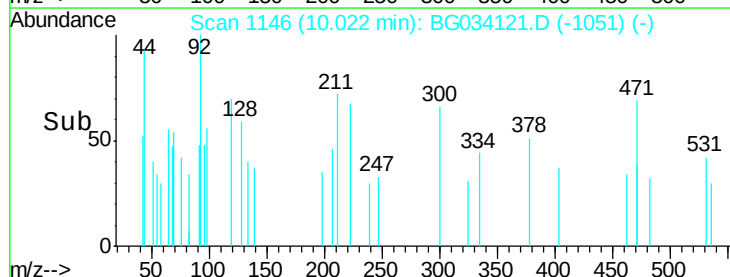
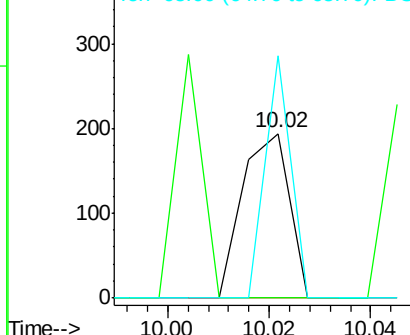
139 100

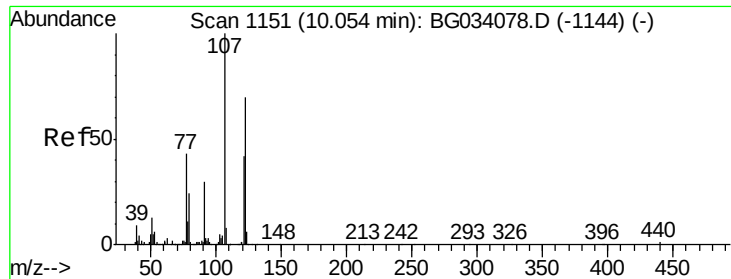
109 0.0 24.2 36.2#

65 146.9 47.4 71.0#



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





#27

2,4-Dimethylphenol

Concen: 0.013 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

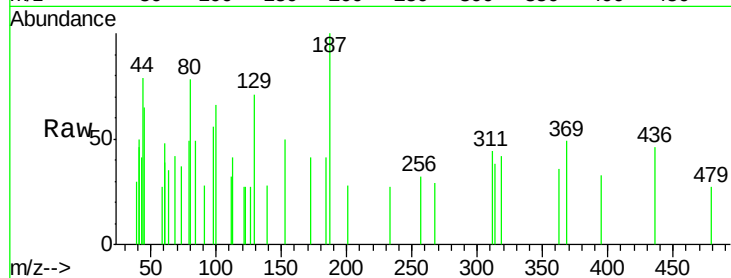
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

107 0.0 100.2 150.2#

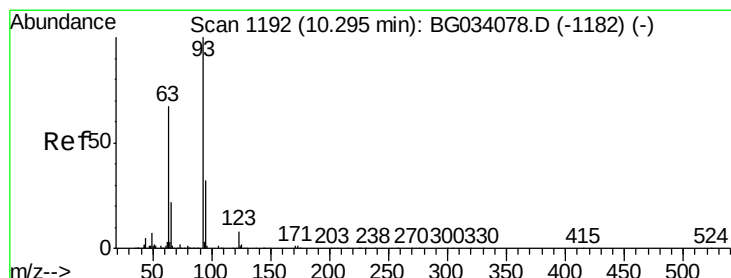
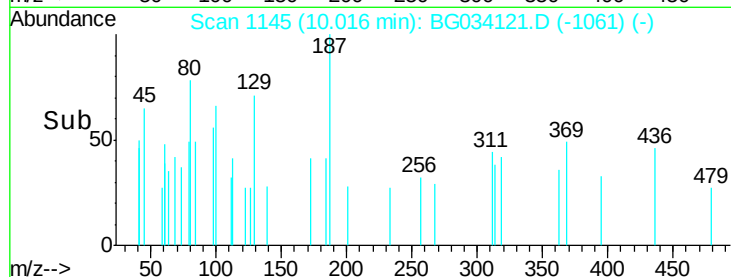
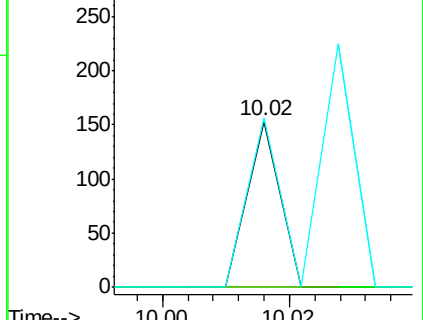
121 102.0 44.4 66.6#



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: 0.020 ng

RT: 10.33 min Scan# 1199

Delta R.T. 0.04 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

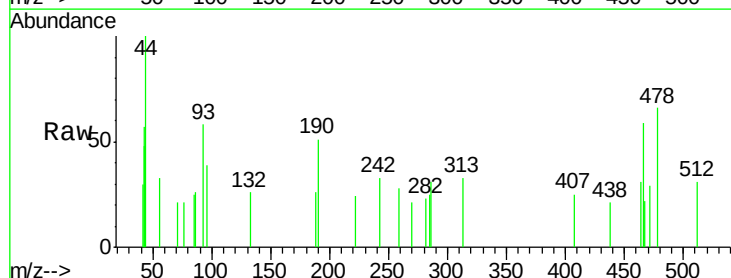
Tgt Ion: 93 Resp: 148

Ion Ratio Lower Upper

93 100

95 0.0 24.3 36.5#

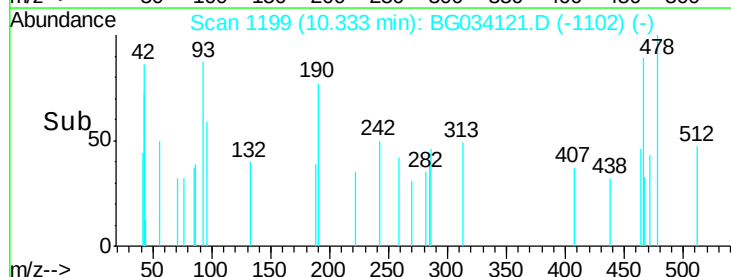
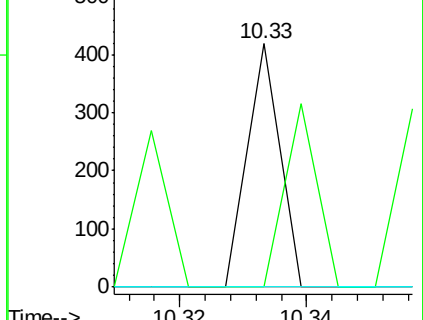
123 0.0 8.4 12.6#

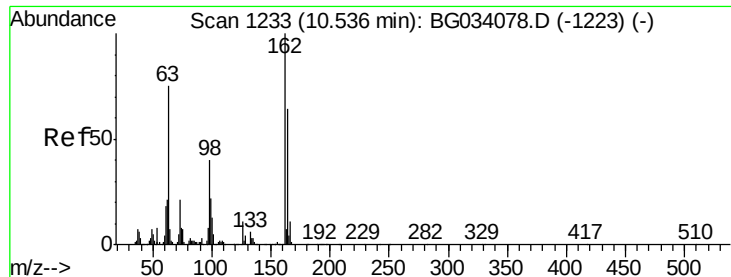


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 0.012 ng

RT: 10.52 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

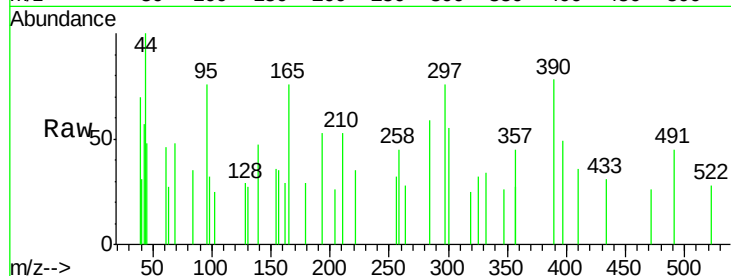
Tot Ion:162 Resp: 62

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

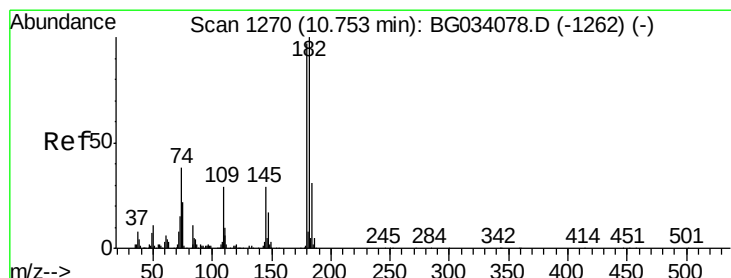
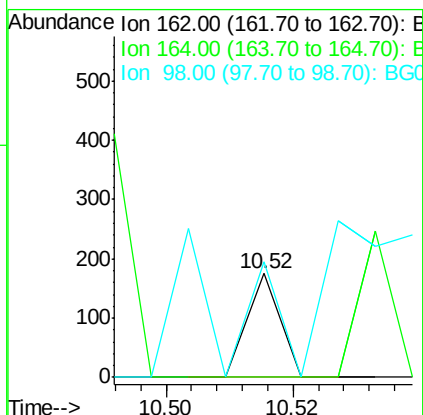
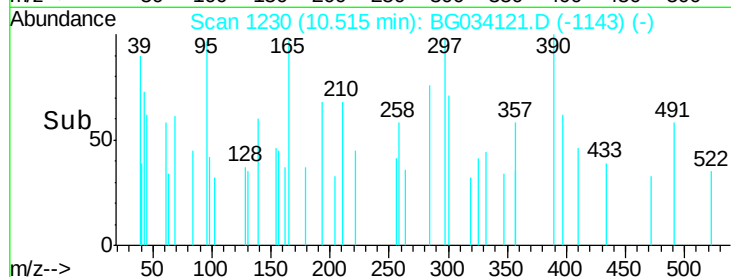
98 111.4 21.1 61.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 0.011 ng

RT: 10.77 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

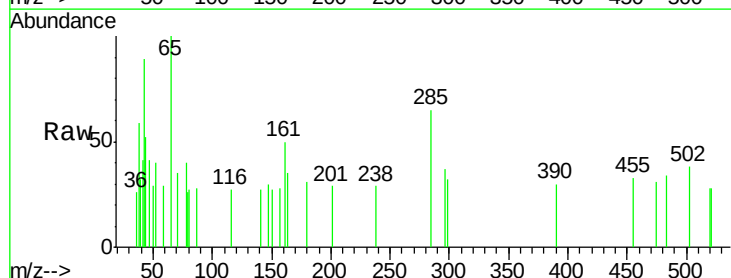
Tgt Ion:180 Resp: 65

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

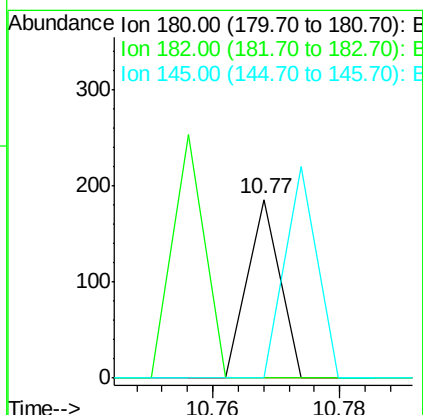
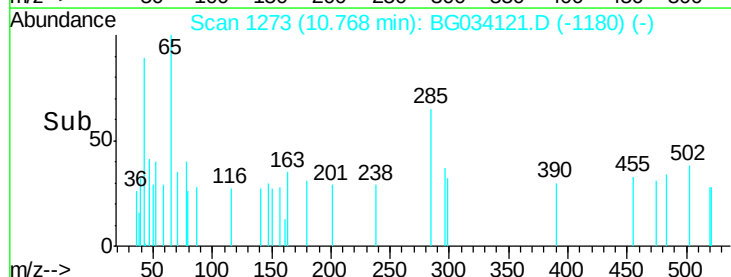
145 0.0 23.4 35.2#

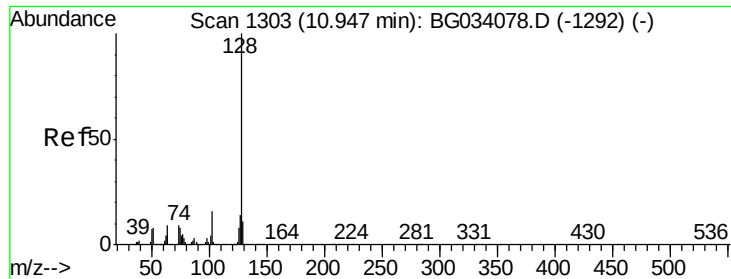


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

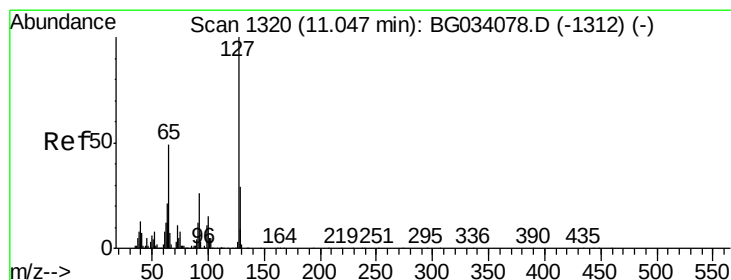
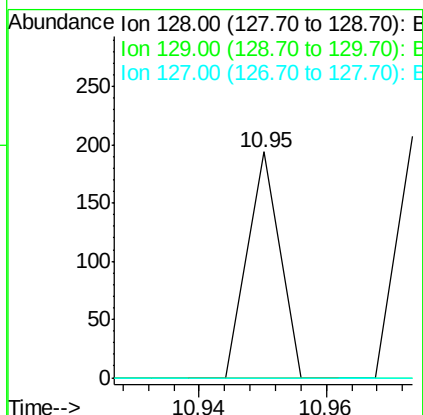
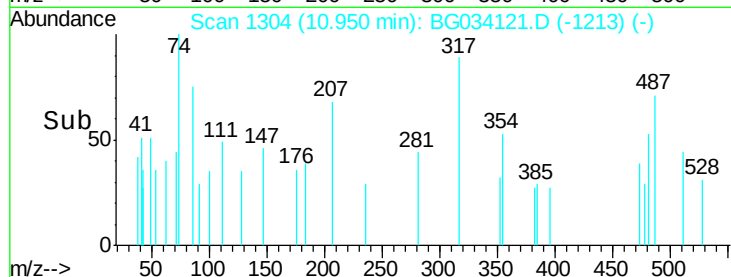
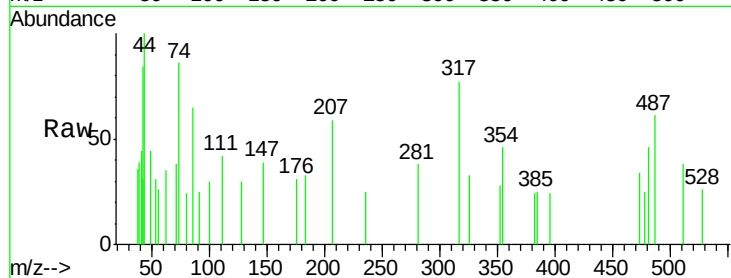




#31
Naphthalene
Concen: 0.005 ng
RT: 10.95 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

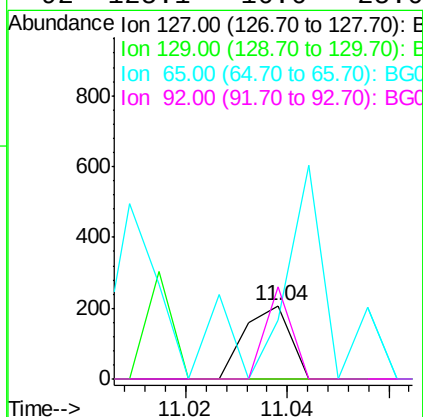
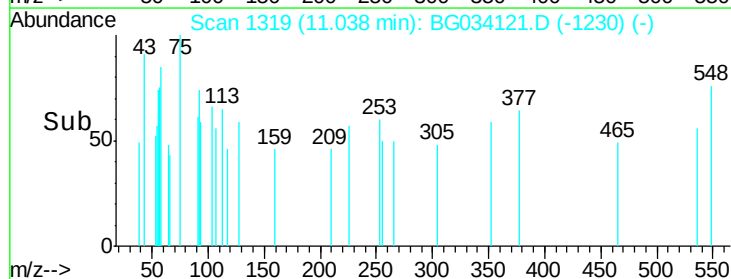
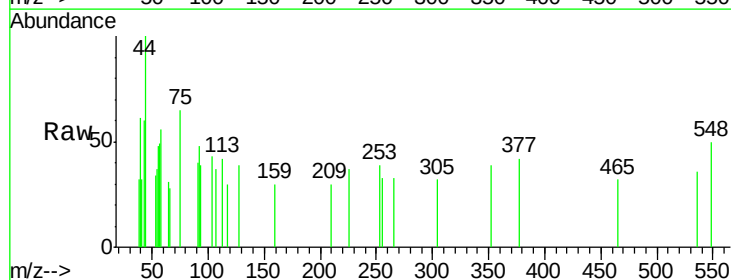
Instrument :
BNA_G
ClientSampleId :
PB108725BL

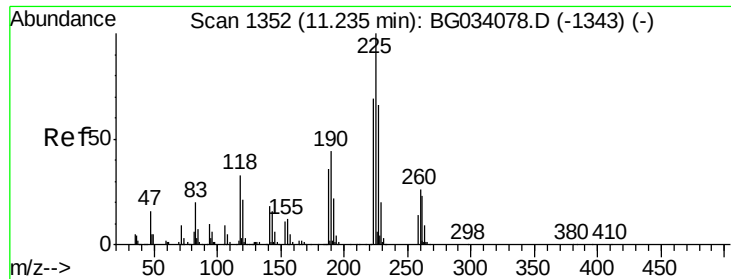
Tot Ion:128 Resp: 68
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#



#33
4-Chloroaniline
Concen: 0.020 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Tgt Ion:127 Resp: 129
Ion Ratio Lower Upper
127 100
129 0.0 24.0 36.0#
65 81.2 27.0 40.4#
92 125.1 16.6 25.0#





#34

Hexachlorobutadiene

Concen: 0.013 ng

RT: 11.24 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampled :

PB108725BL

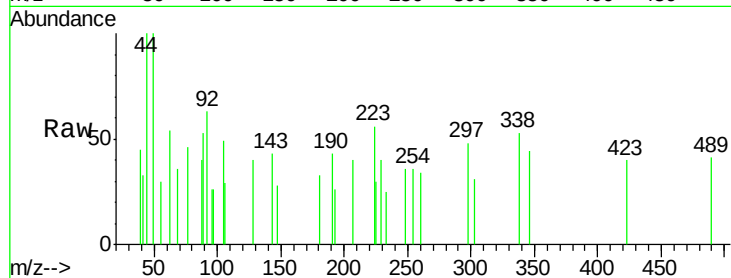
Tot Ion:225 Resp: 65

Ion Ratio Lower Upper

225 100

223 185.3 49.7 74.5#

227 0.0 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

400

300

200

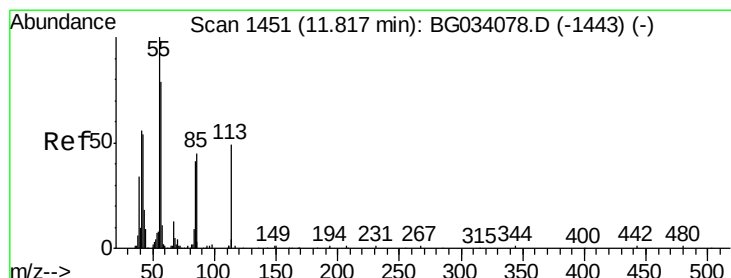
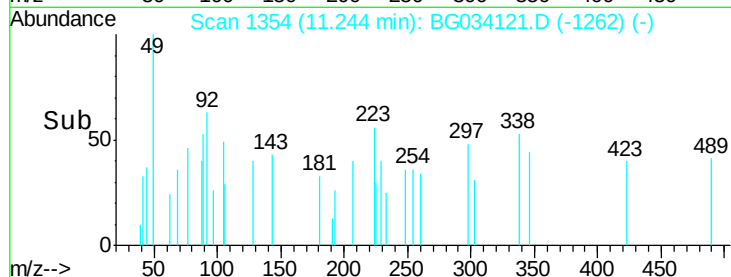
100

0

11.24

11.26

Time-->



#35

Caprolactam

Concen: 0.060 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

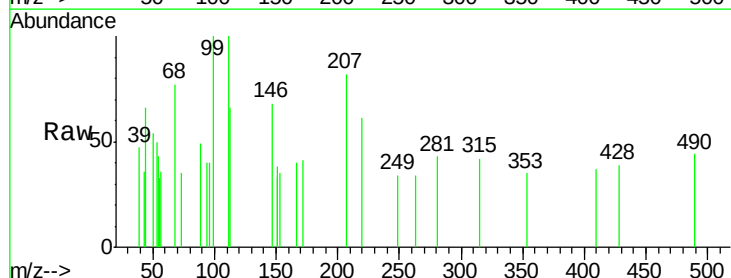
Tgt Ion:113 Resp: 109

Ion Ratio Lower Upper

113 100

55 50.3 186.9 226.9#

56 0.0 130.9 170.9#



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

800

600

400

200

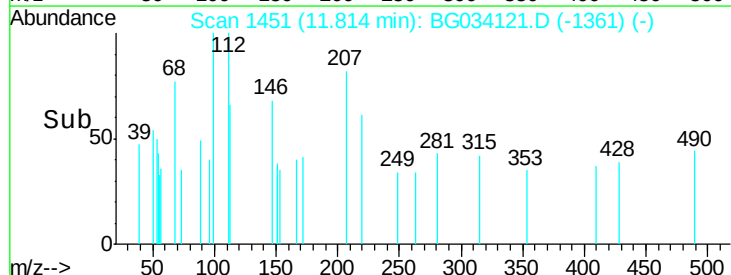
0

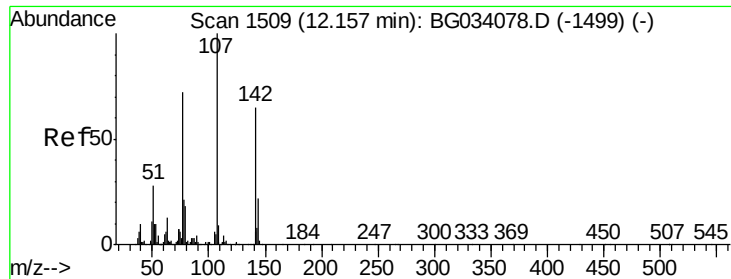
11.81

11.82

11.83

Time-->

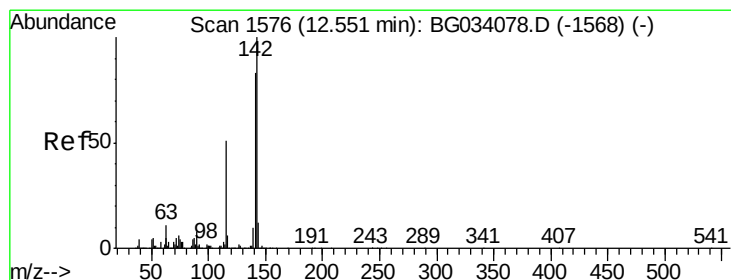
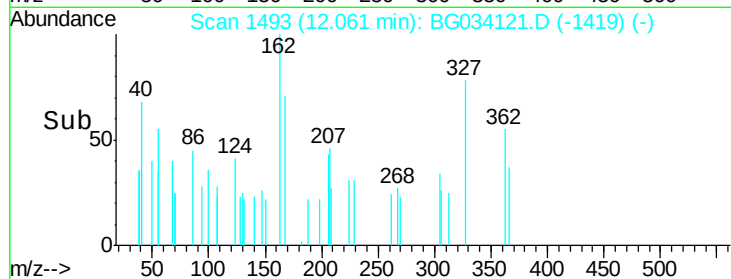
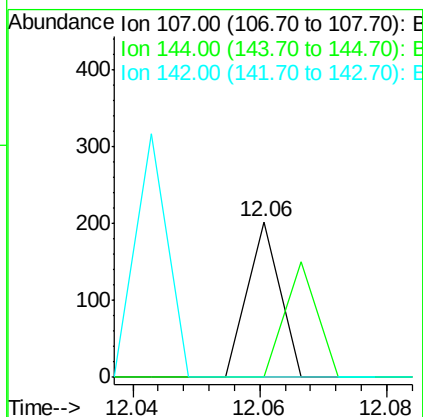
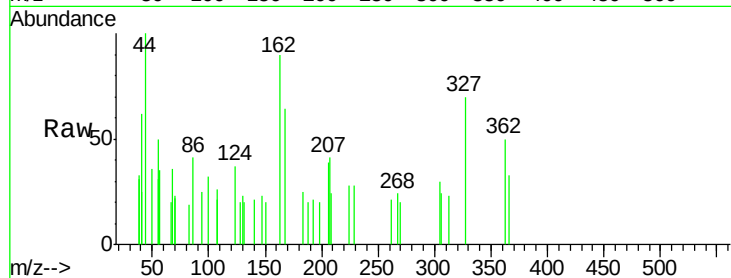




#36
 4-Chloro-3-methylphenol
 Concen: 0.011 ng
 RT: 12.06 min Scan# 1493
 Delta R.T. -0.10 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

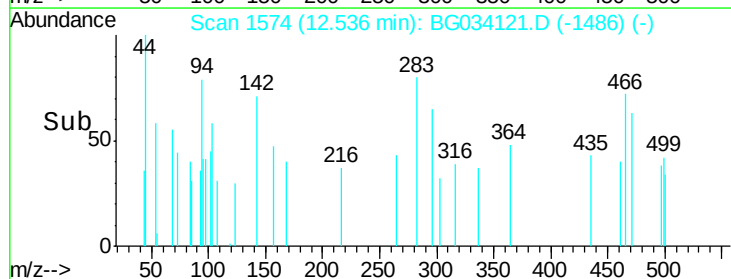
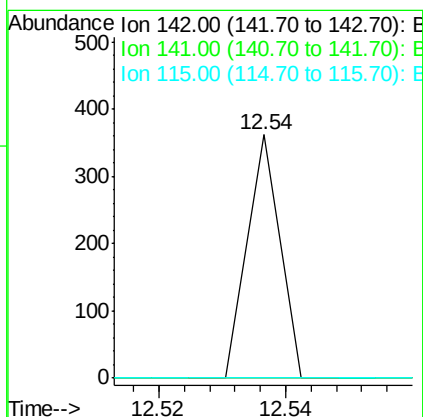
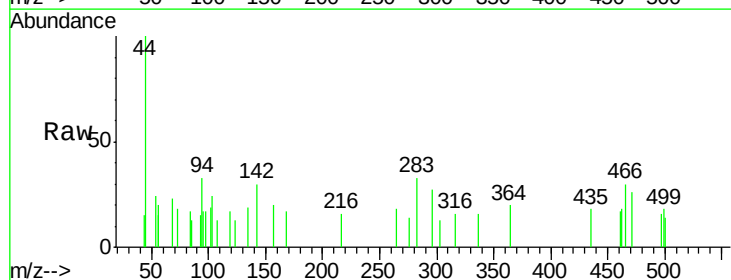
Instrument :
 BNA_G
 ClientSampleId :
 PB108725BL

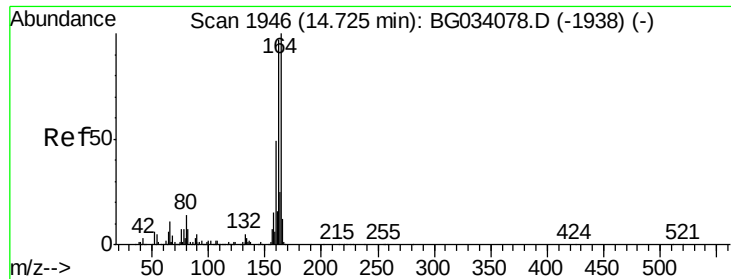
Tot Ion:107 Resp: 71
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#



#37
 2-Methylnaphthalene
 Concen: 0.011 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

Tgt Ion:142 Resp: 128
 Ion Ratio Lower Upper
 142 100
 141 0.0 67.1 100.7#
 115 0.0 30.7 46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

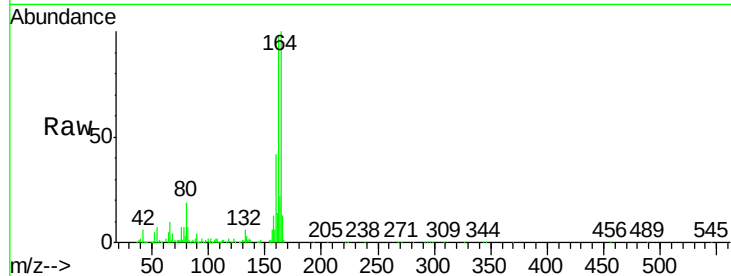
Tot Ion:164 Resp: 218140

Ion Ratio Lower Upper

164 100

162 98.2 78.8 118.2

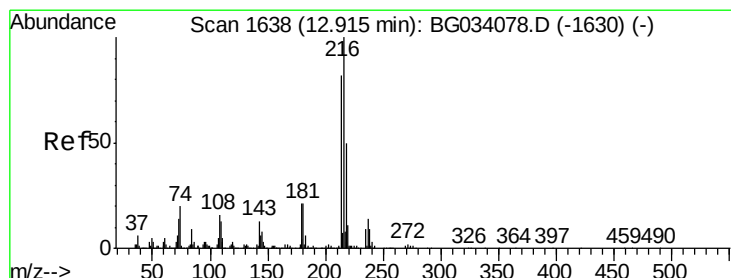
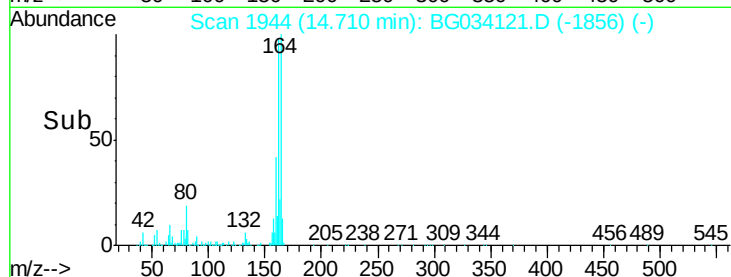
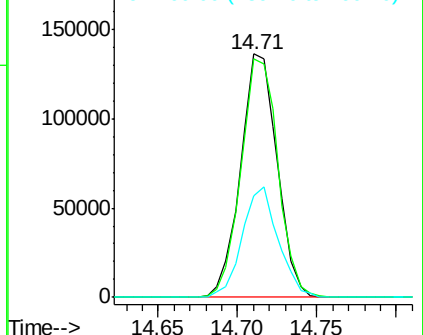
160 41.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.007 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Tgt Ion:216 Resp: 62

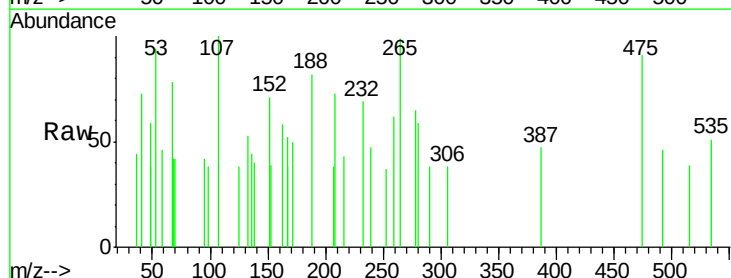
Ion Ratio Lower Upper

216 100

214 0.0 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

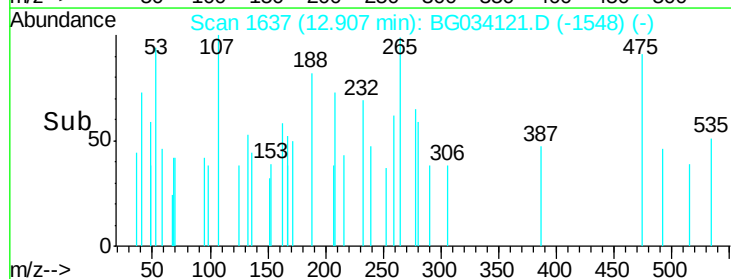
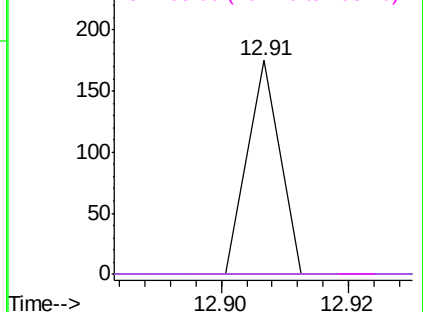


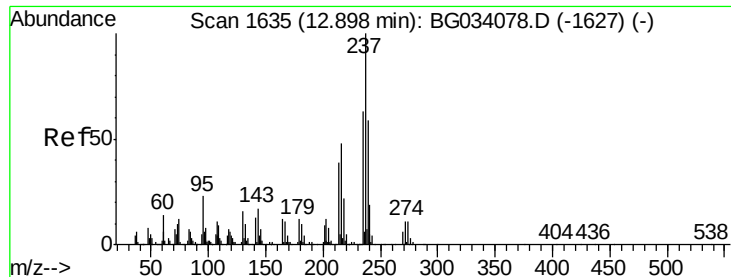
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 0.011 ng

RT: 12.96 min Scan# 1646

Delta R.T. 0.06 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

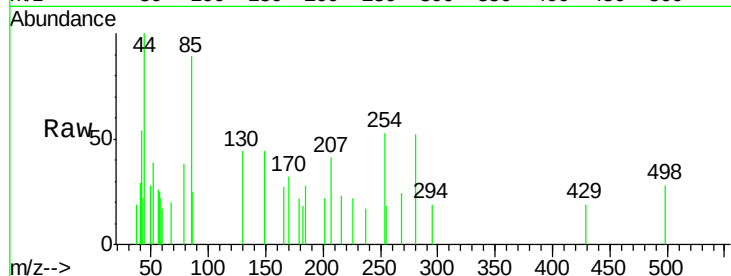
Tot Ion:237 Resp: 54

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

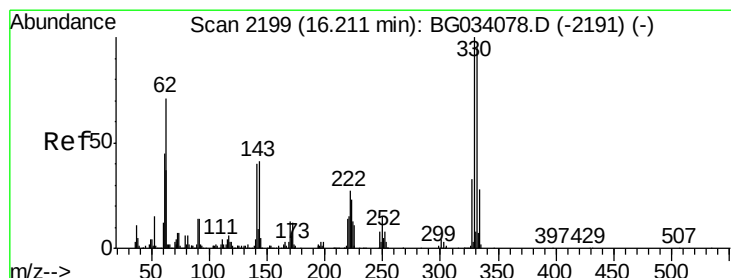
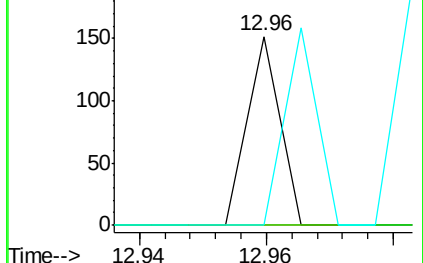
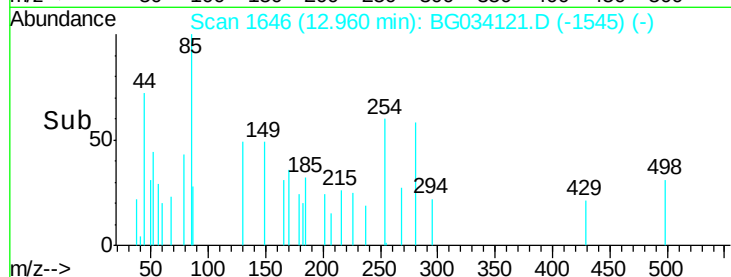
272 0.0 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 158.056 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

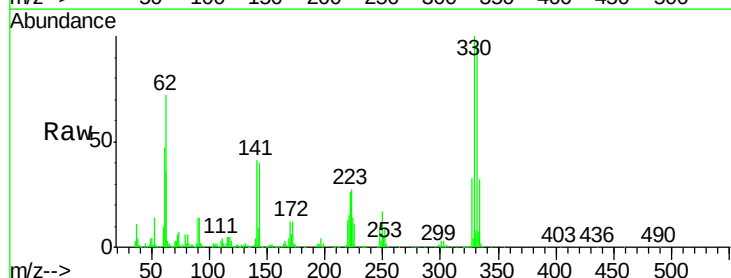
Tgt Ion:330 Resp: 477425

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

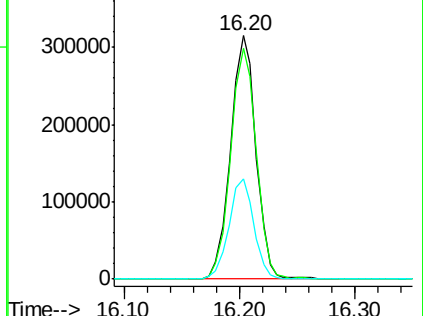
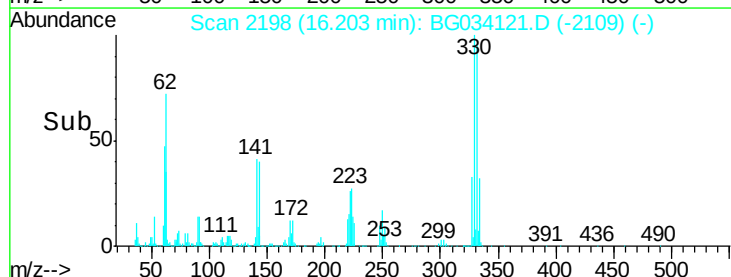
141 40.8 25.2 37.8#

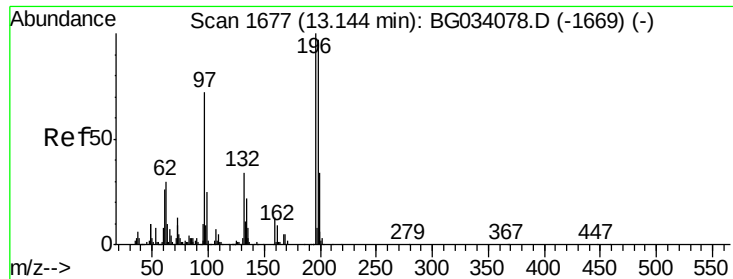


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

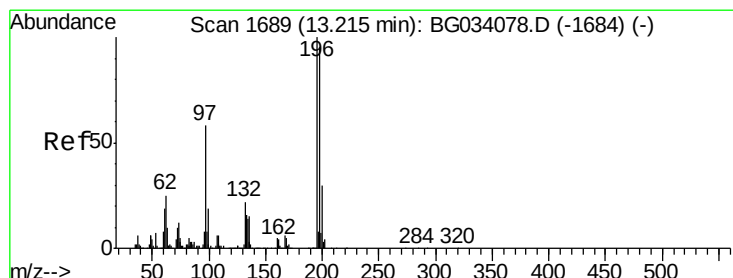
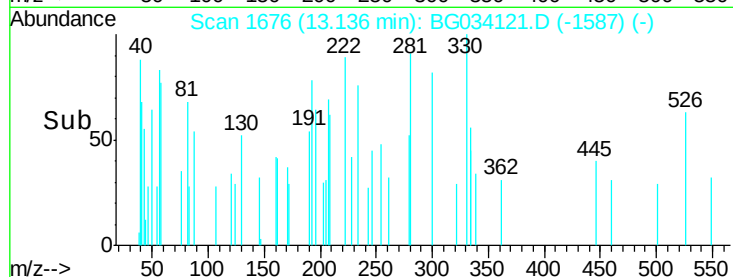
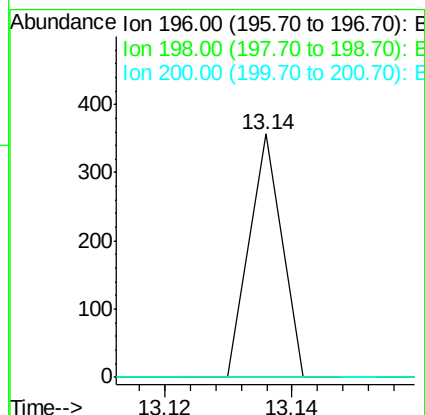
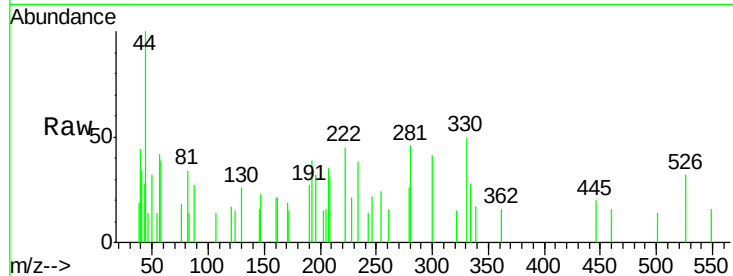




#42
 2,4,6-Trichlorophenol
 Concen: 0.026 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

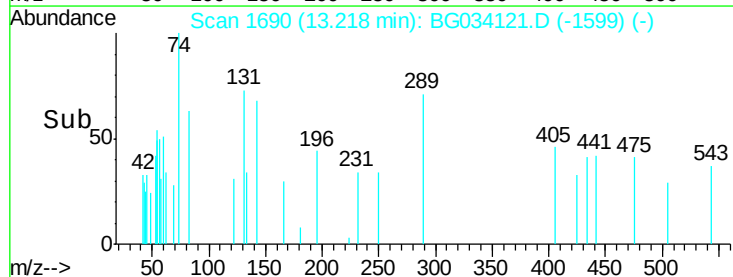
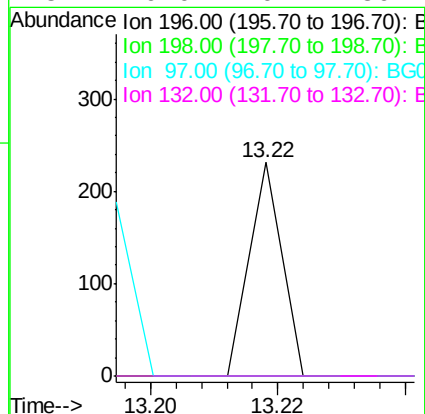
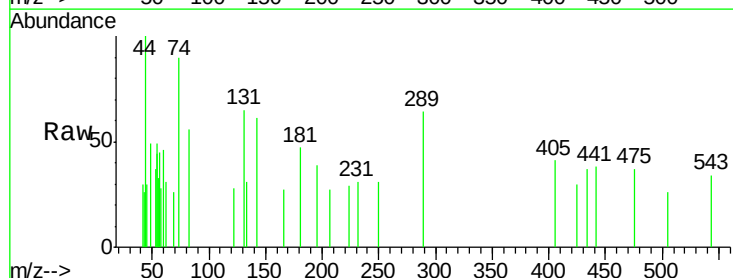
Instrument :
 BNA_G
 ClientSampleId :
 PB108725BL

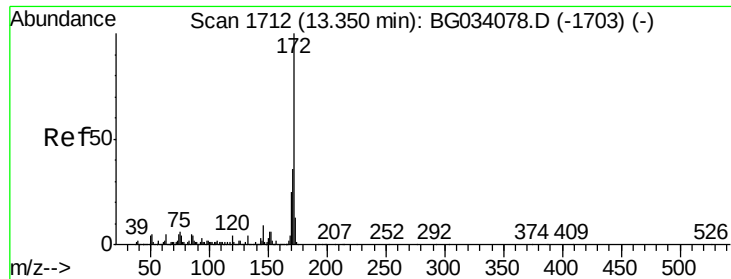
Tot Ion:196 Resp: 126
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 24.6 36.8#



#43
 2,4,5-Trichlorophenol
 Concen: 0.015 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

Tgt Ion:196 Resp: 81
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 97 0.0 38.7 58.1#
 132 0.0 20.2 30.2#

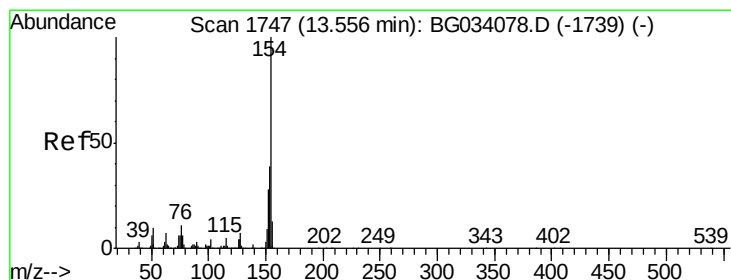
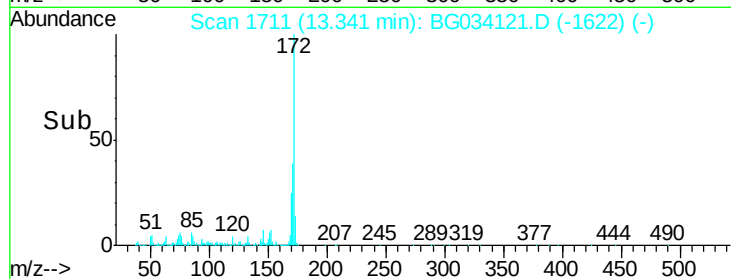
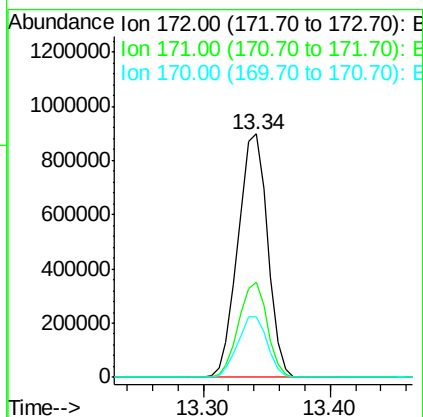
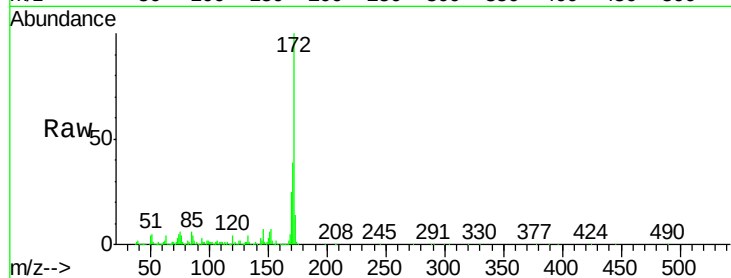




#44
 2-Fluorobiphenyl
 Concen: 97.069 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

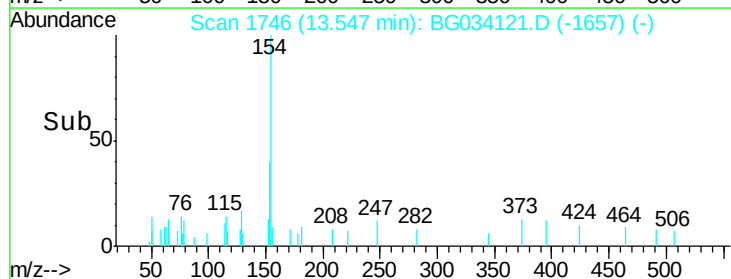
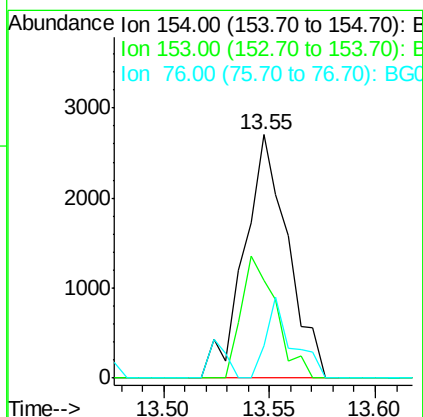
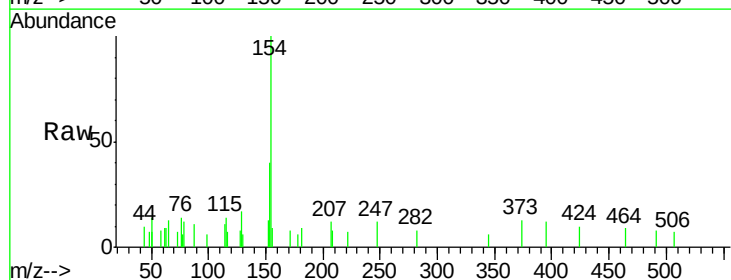
Instrument :
 BNA_G
 ClientSampleId :
 PB108725BL

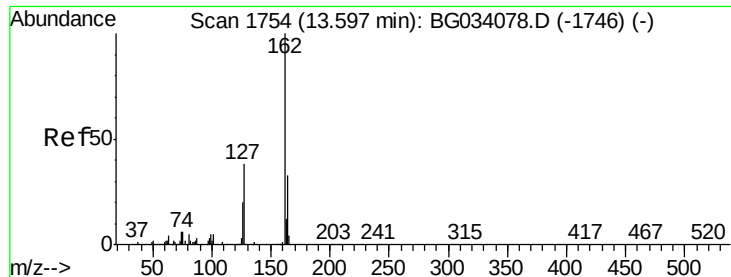
Tot Ion:172 Resp: 1453152
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 25.0 19.5 29.3



#45
 1,1'-Biphenyl
 Concen: 0.228 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

Tgt Ion:154 Resp: 3877
 Ion Ratio Lower Upper
 154 100
 153 40.0 19.8 59.8
 76 13.5 0.0 31.9

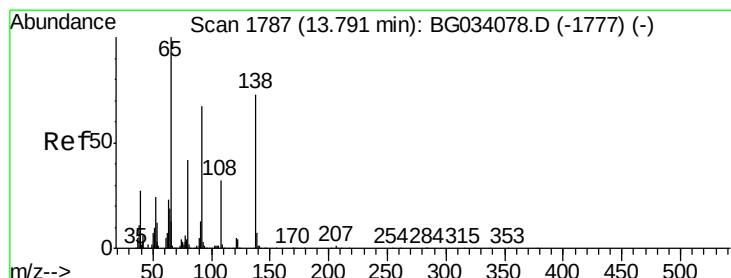
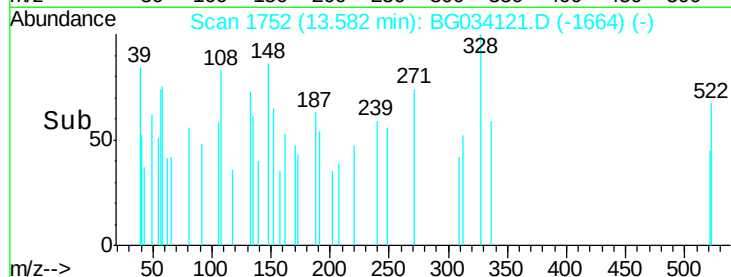
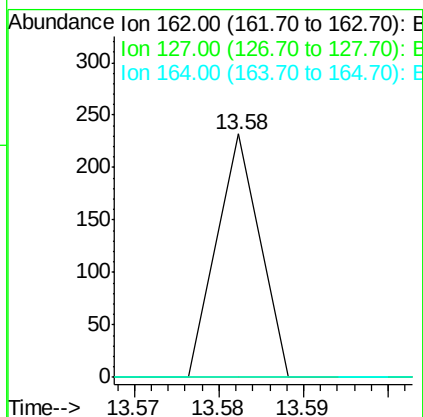
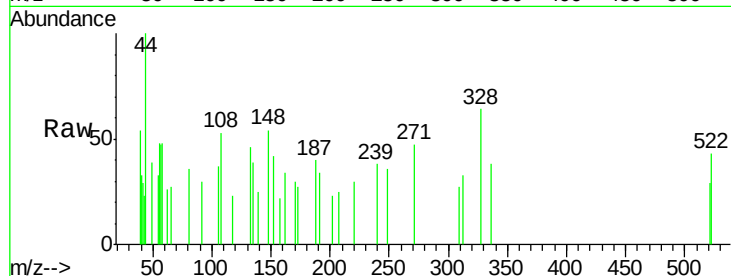




#46
2-Chloronaphthalene
Concen: 0.006 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

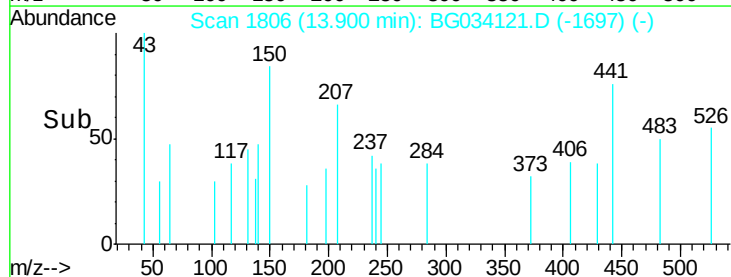
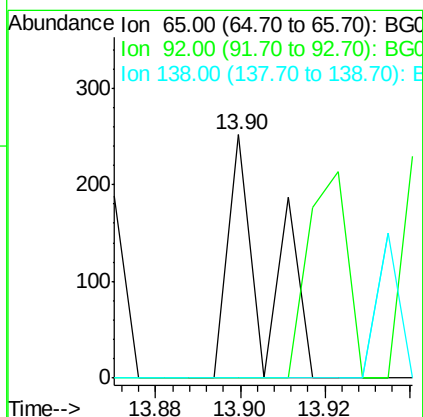
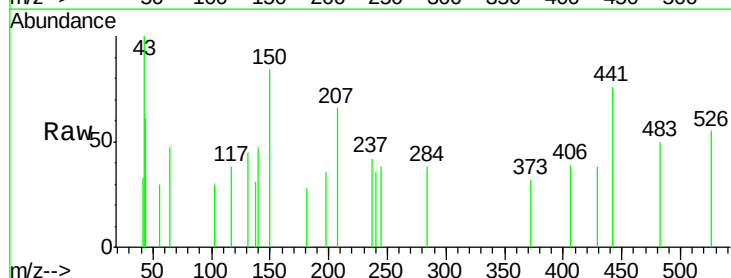
Instrument :
BNA_G
ClientSampleId :
PB108725BL

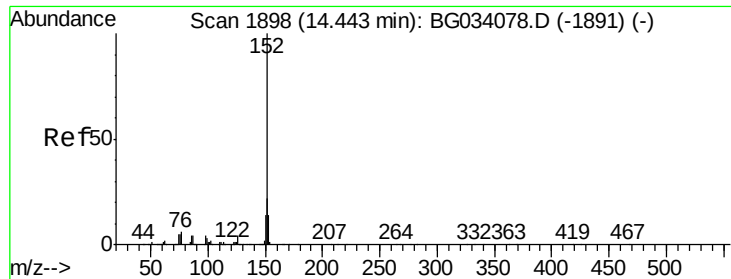
Tot Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.7	46.1#
164	0.0	26.0	39.0#



#47
2-Nitroaniline
Concen: 0.030 ng
RT: 13.90 min Scan# 1806
Delta R.T. 0.11 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#





#48

Acenaphthylene

Concen: 0.009 ng

RT: 14.49 min Scan# 1906

Delta R.T. 0.04 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

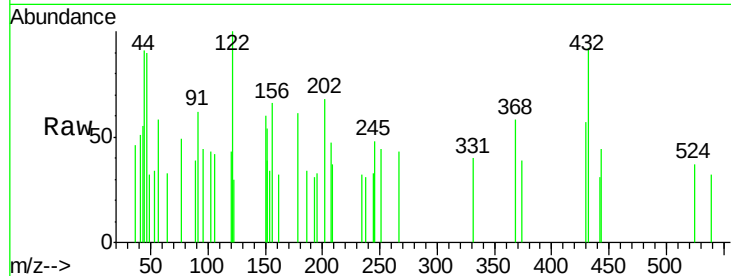
Tot Ion:152 Resp: 188

Ion Ratio Lower Upper

152 100

151 172.4 17.2 25.8#

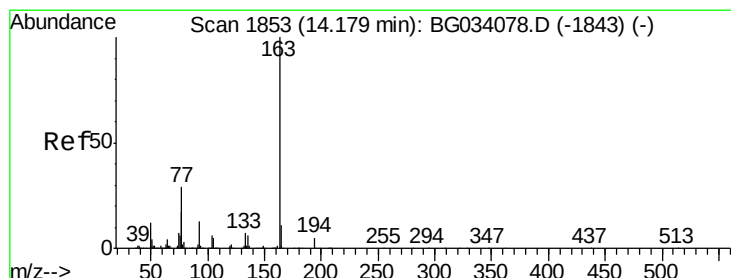
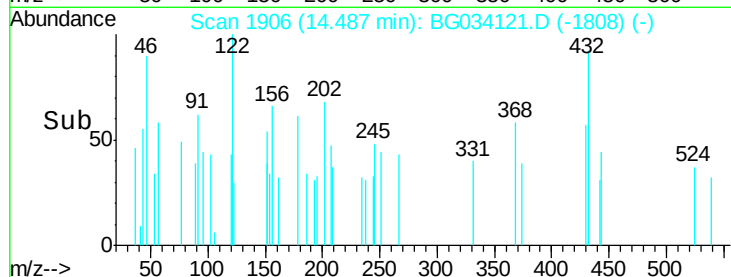
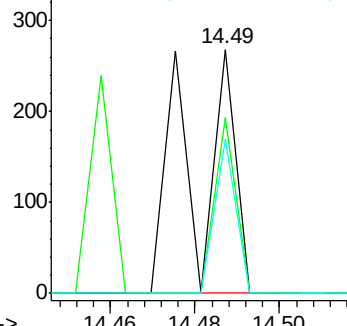
153 63.4 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.005 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.09 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

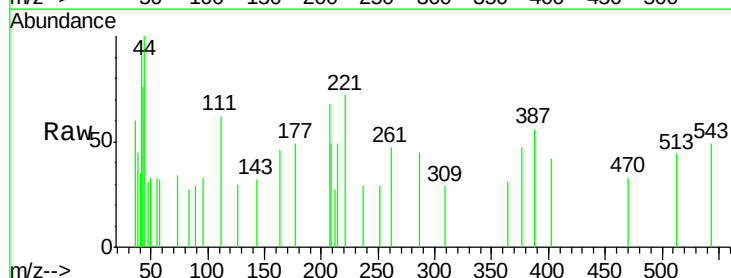
Tgt Ion:163 Resp: 97

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

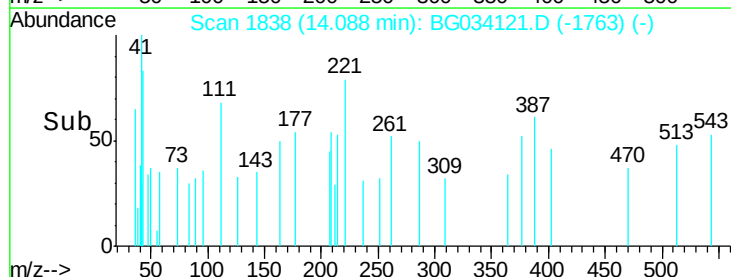
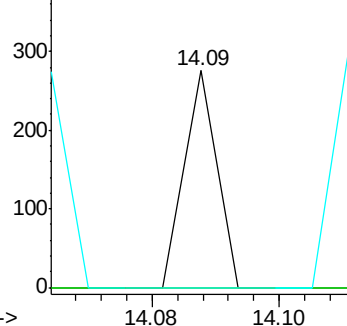
164 0.0 8.2 12.4#

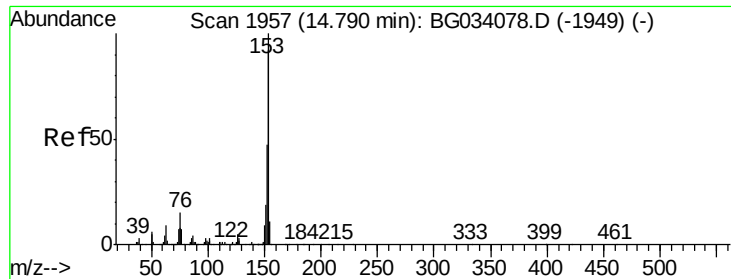


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.082 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.08 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

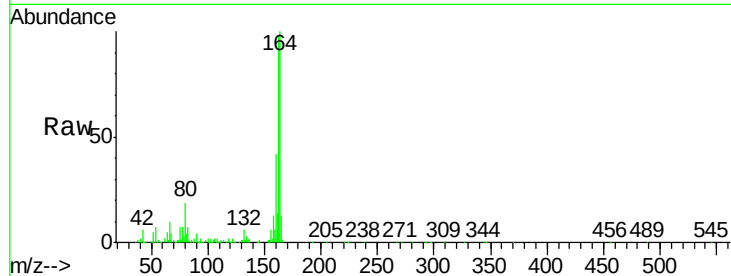
Tot Ion:154 Resp: 1146

Ion Ratio Lower Upper

154 100

153 27.3 90.4 135.6#

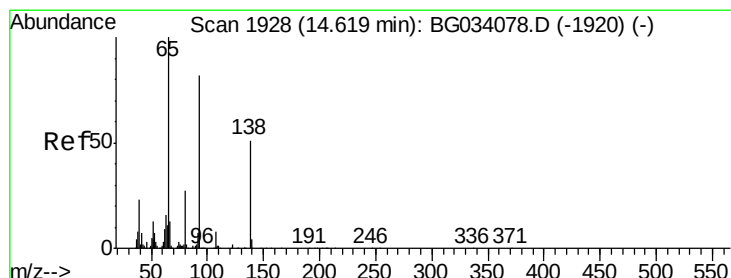
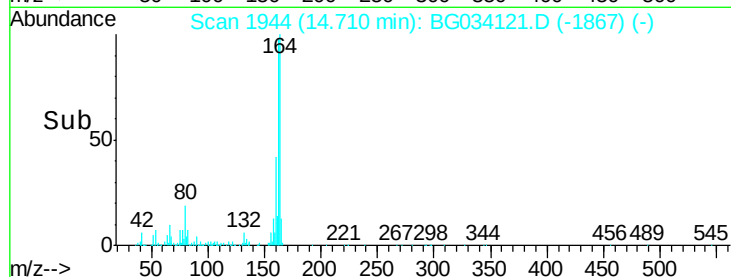
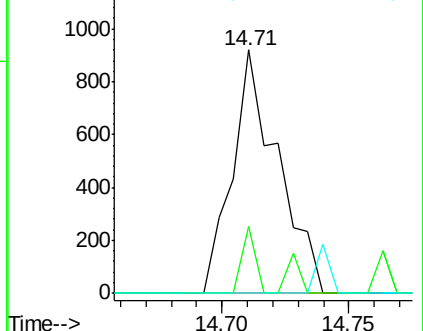
152 0.0 41.6 62.4#



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: 0.022 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

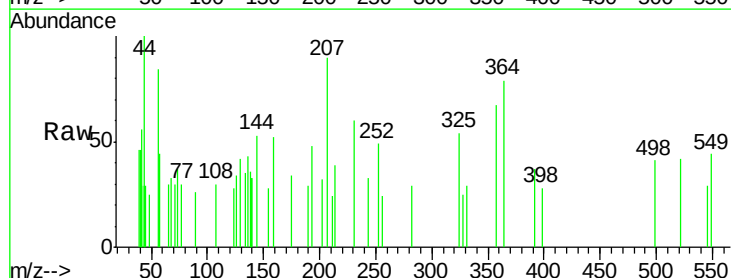
Tgt Ion:138 Resp: 80

Ion Ratio Lower Upper

138 100

108 82.5 17.5 26.3#

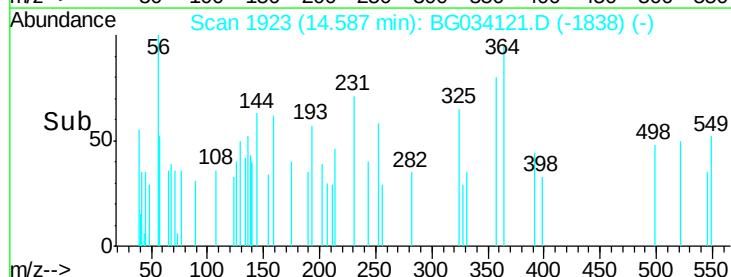
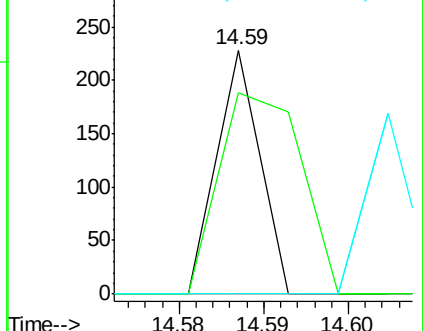
92 0.0 105.8 158.8#

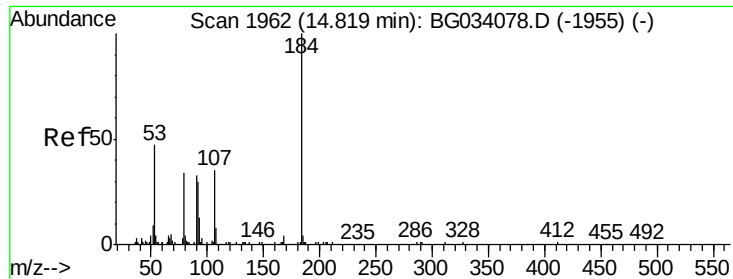


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 0.129 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.05 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

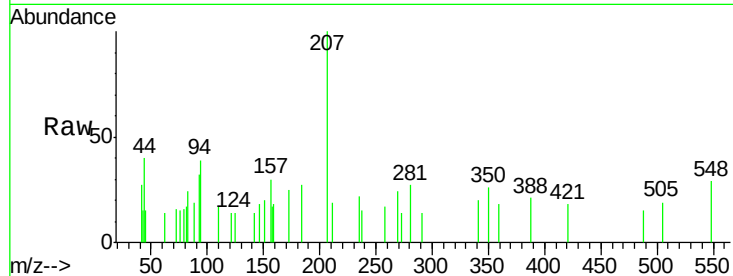
Tot Ion:184 Resp: 183

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

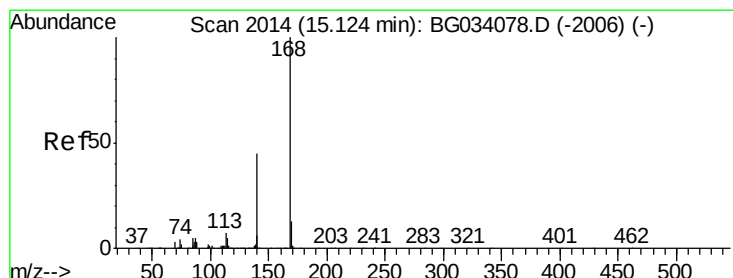
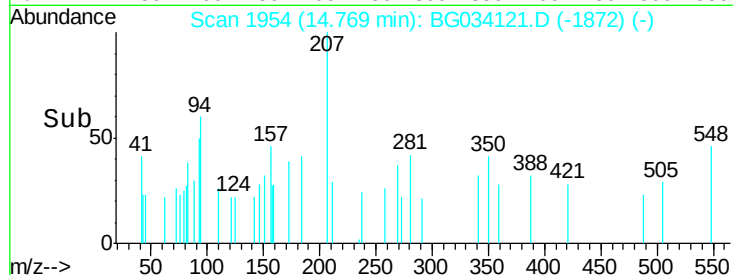
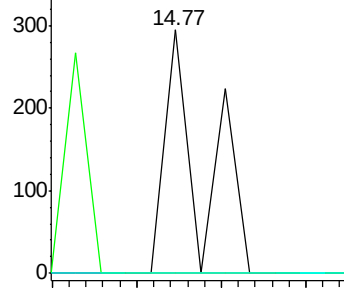
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 0.006 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

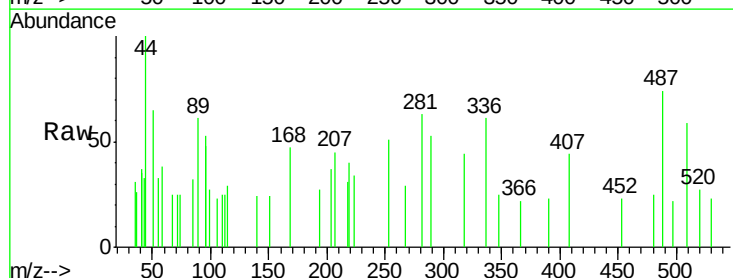
Tgt Ion:168 Resp: 117

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

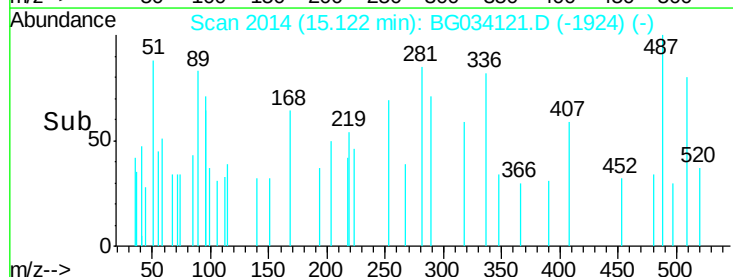
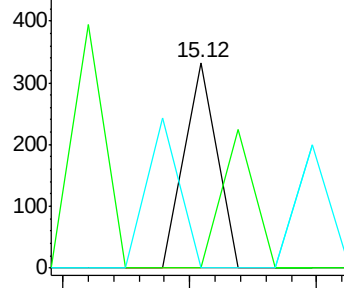
169 0.0 11.2 16.8#

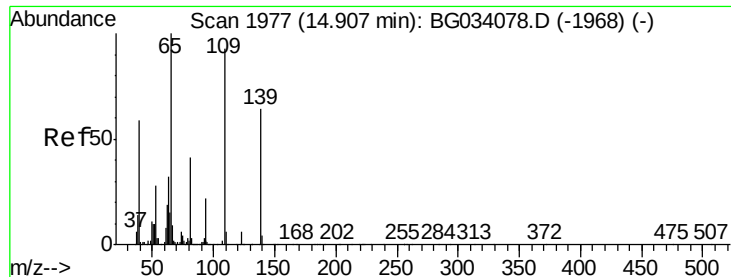


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

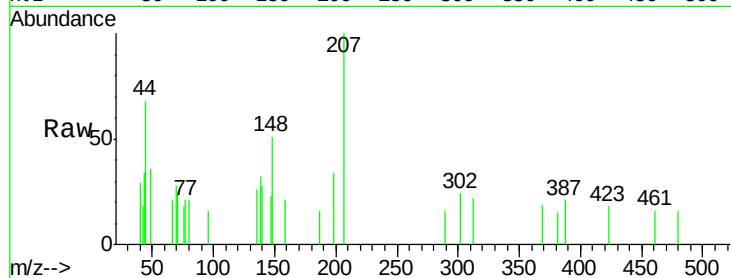




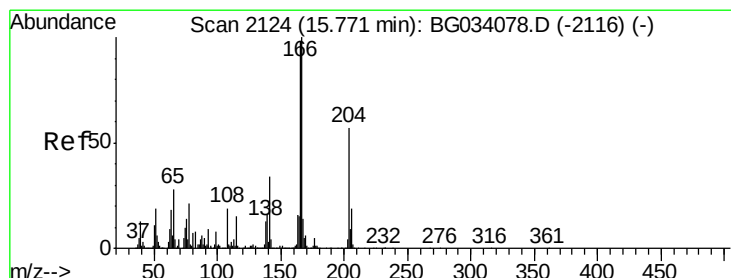
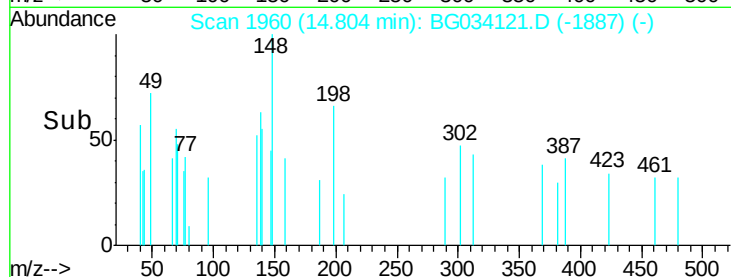
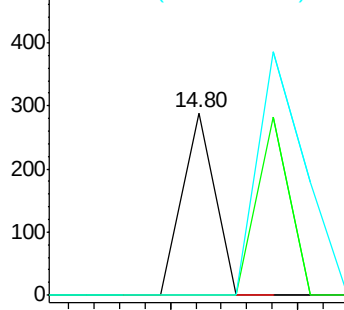
#55
4-Nitrophenol
Concen: 0.036 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.10 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Instrument :
BNA_G
ClientSampled :
PB108725BL

Tot Ion:139 Resp: 102
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

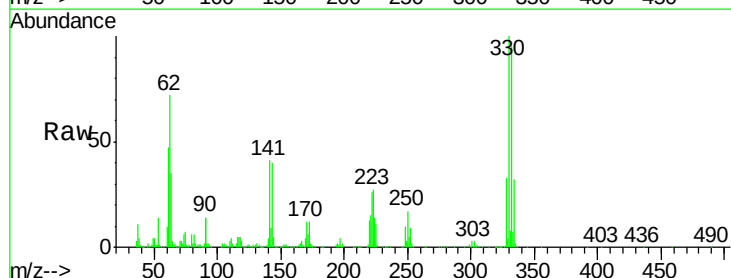


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

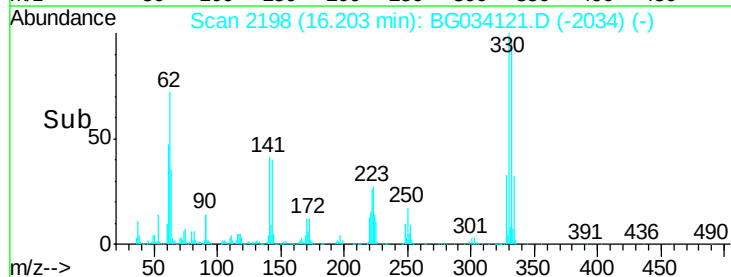
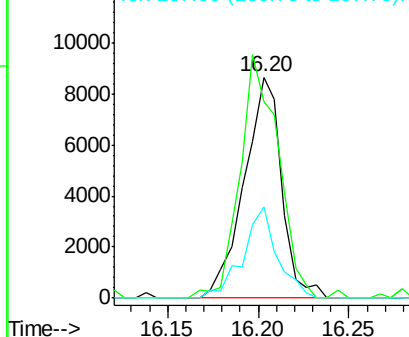


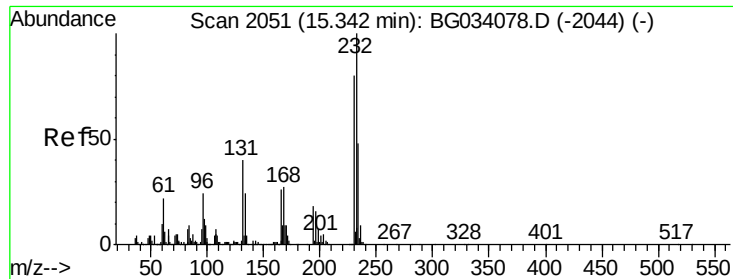
#57
Fluorene
Concen: 0.702 ng
RT: 16.20 min Scan# 2198
Delta R.T. 0.43 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Tgt Ion:166 Resp: 12424
Ion Ratio Lower Upper
166 100
165 89.1 80.6 121.0
167 41.3 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

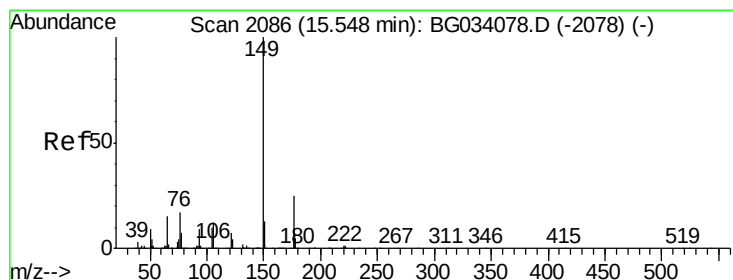
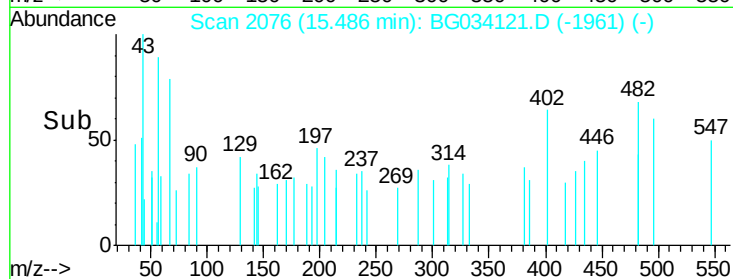
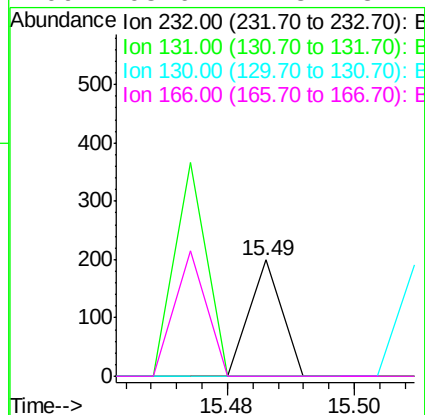
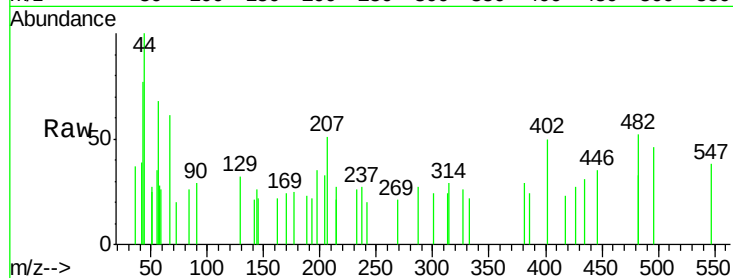




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.012 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. 0.14 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

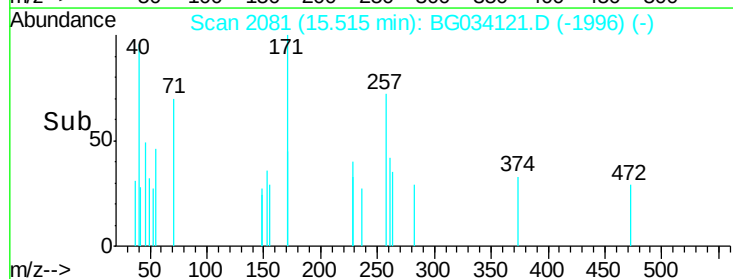
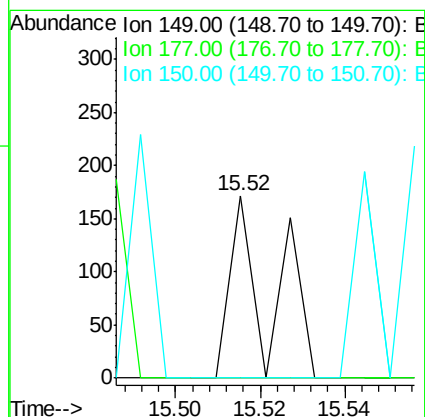
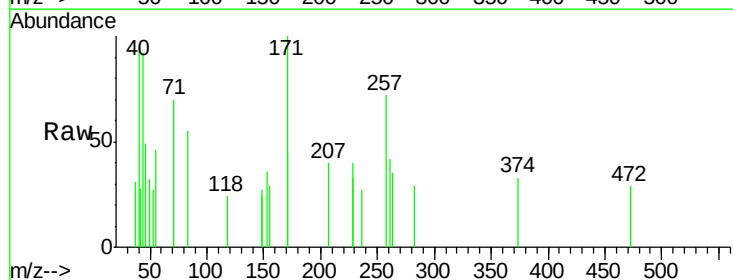
Instrument :
 BNA_G
 ClientSampleId :
 PB108725BL

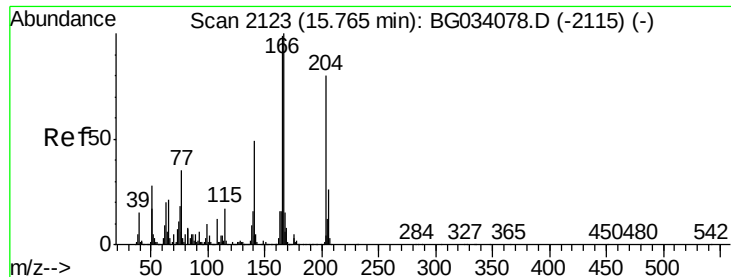
Tot Ion:232 Resp: 70
 Ion Ratio Lower Upper
 232 100
 131 184.3 33.5 50.3#
 130 0.0 2.2 3.2#
 166 108.6 24.8 37.2#



#59
 Diethylphthalate
 Concen: 0.006 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.03 min
 Lab File: BG034121.D
 Acq: 2 May 2018 18:12

Tgt Ion:149 Resp: 114
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.5 27.7#
 150 0.0 10.2 15.2#

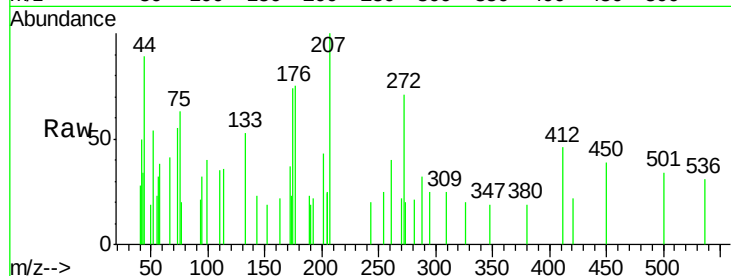




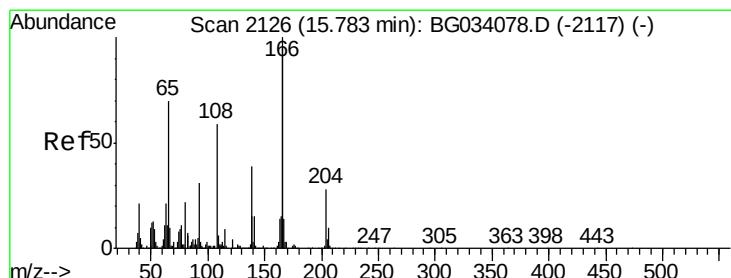
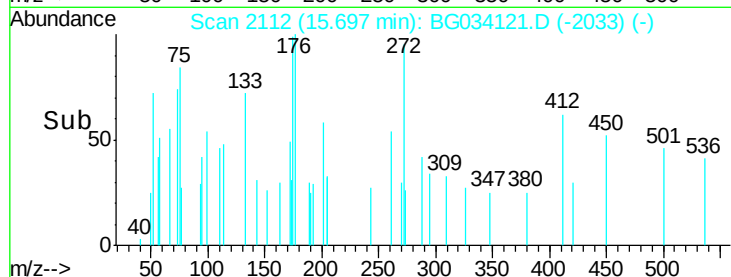
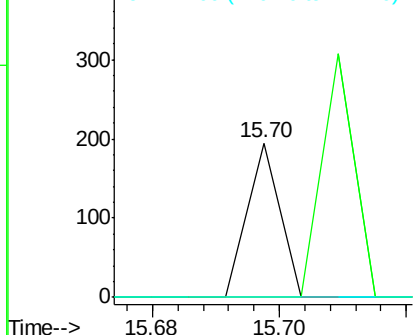
#60
4-Chlorophenyl-phenylether
Concen: 0.007 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.07 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Instrument :
BNA_G
ClientSampleId :
PB108725BL

Tot Ion:204 Resp: 69
Ion Ratio Lower Upper
204 100
206 0.0 26.2 39.2#
141 0.0 45.8 68.6#

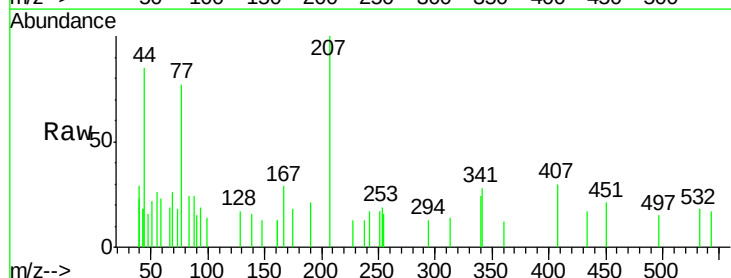


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

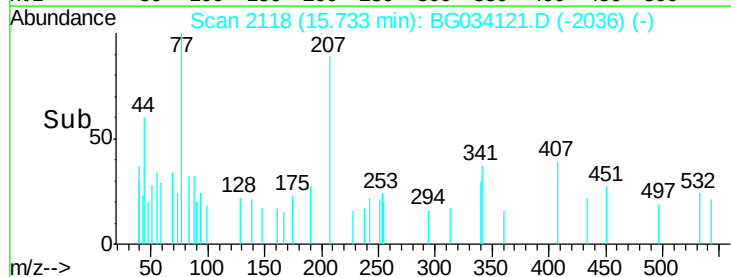
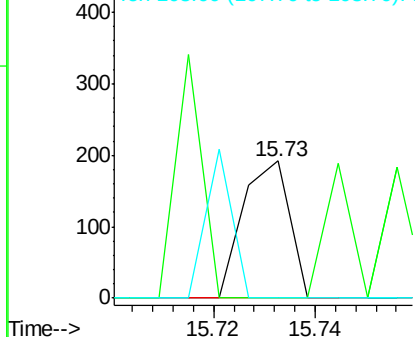


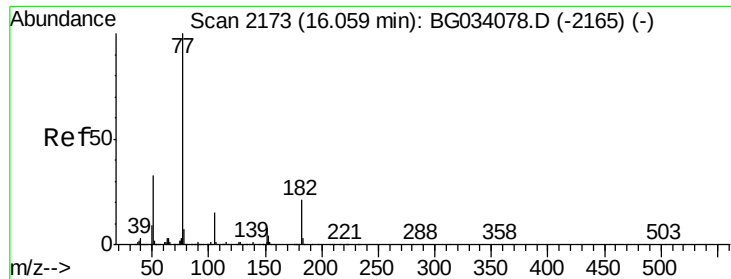
#61
4-Nitroaniline
Concen: 0.032 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.05 min
Lab File: BG034121.D
Acq: 2 May 2018 18:12

Tgt Ion:138 Resp: 124
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.017 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

Tot Ion: 77 Resp: 360

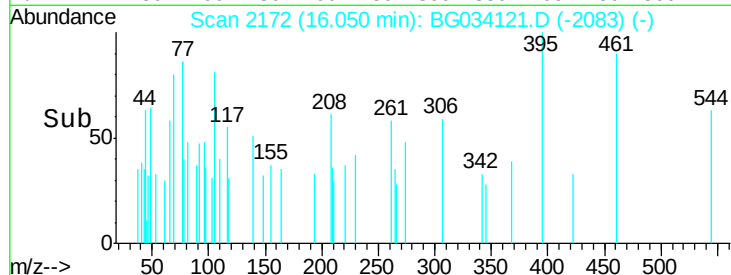
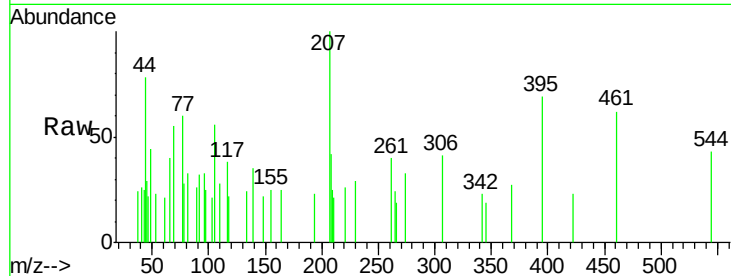
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 94.1 0.3 40.3#

51 0.0 11.6 51.6#

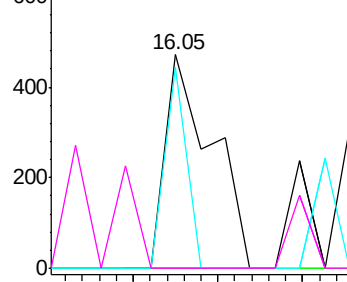


Abundance Ion 77.00 (76.70 to 77.70): BGC

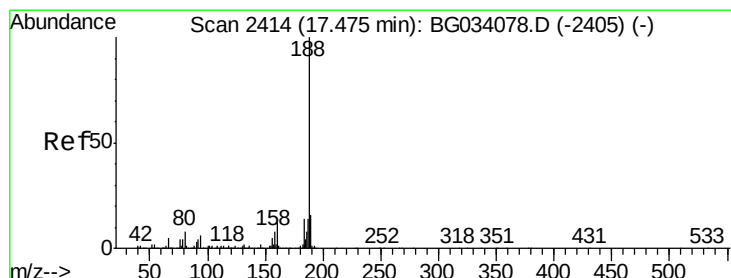
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

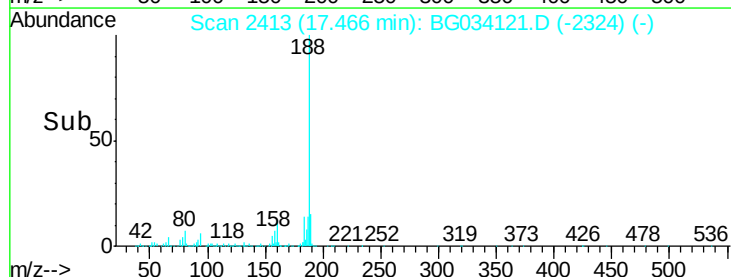
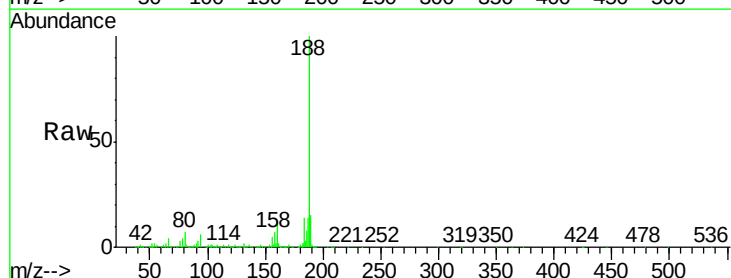
Tgt Ion: 188 Resp: 614674

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

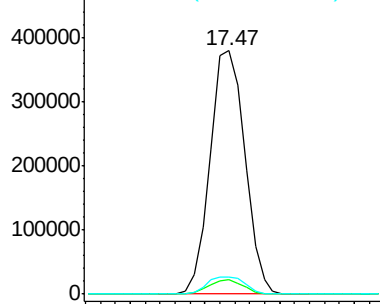
80 7.1 7.7 11.5#



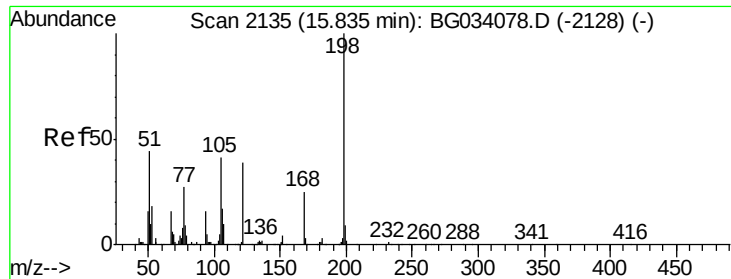
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 0.060 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.07 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

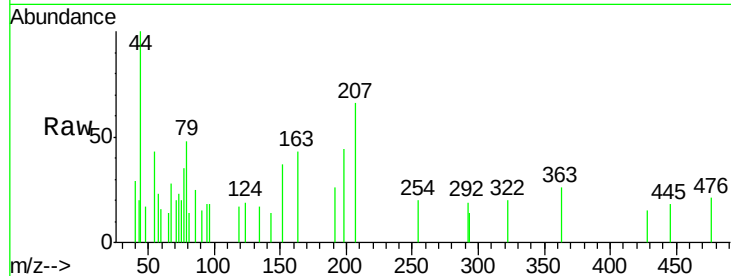
Tot Ion:198 Resp: 172

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

105 0.0 23.8 63.8#

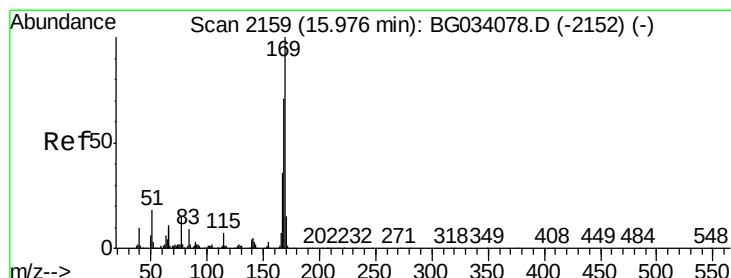
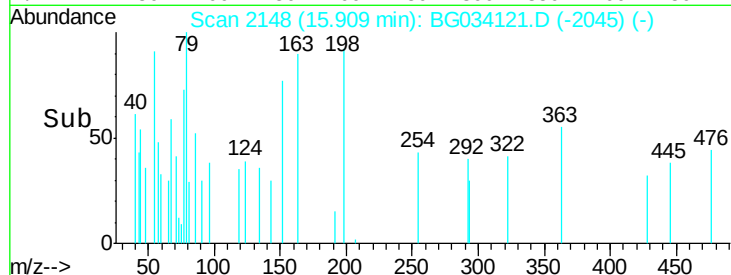
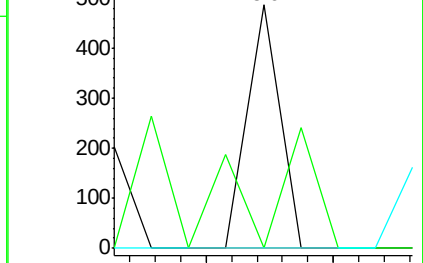


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

15.91



#65

n-Nitrosodiphenylamine

Concen: 1.072 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.23 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

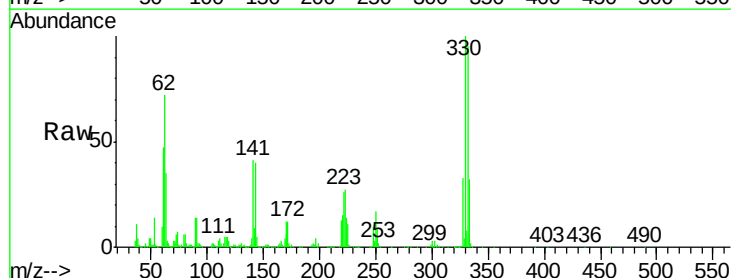
Tgt Ion:169 Resp: 17961

Ion Ratio Lower Upper

169 100

168 4.1 55.7 83.5#

167 26.7 30.1 45.1#

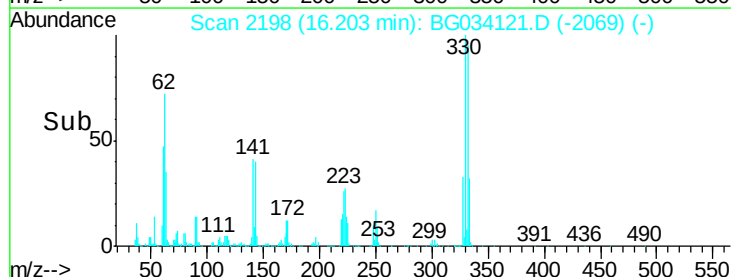
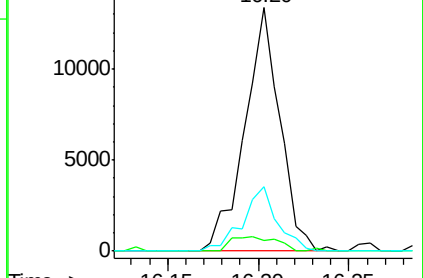


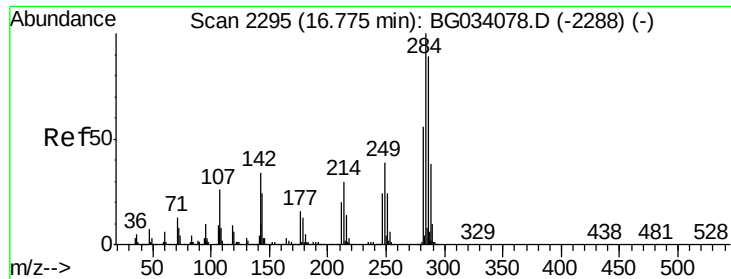
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

16.20





#67

Hexachlorobenzene

Concen: 0.012 ng

RT: 16.84 min Scan# 2307

Delta R.T. 0.07 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

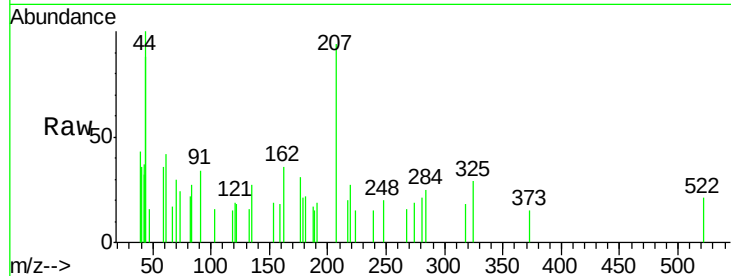
Tot Ion:284 Resp: 91

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

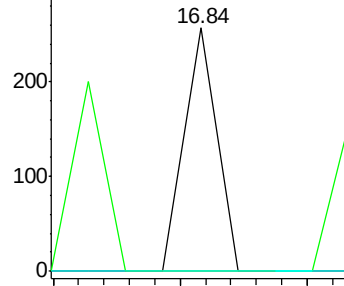
249 0.0 26.3 39.5#



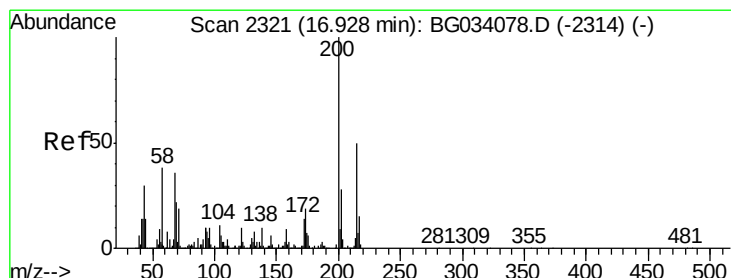
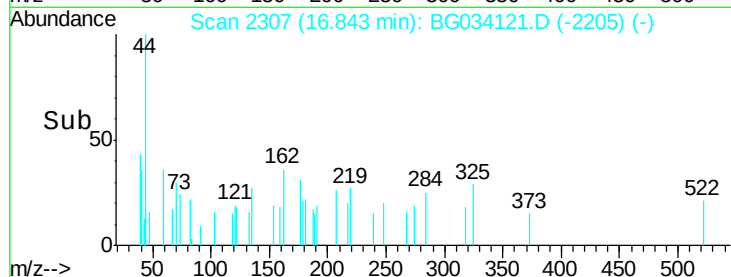
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time--> 16.82 16.84 16.86



#68

Atrazine

Concen: 0.930 ng

RT: 16.95 min Scan# 2326

Delta R.T. 0.03 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

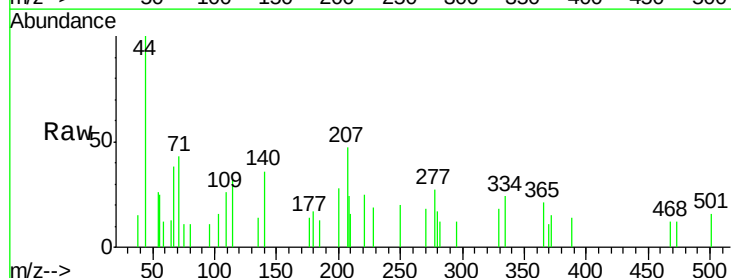
Tgt Ion:200 Resp: 135

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

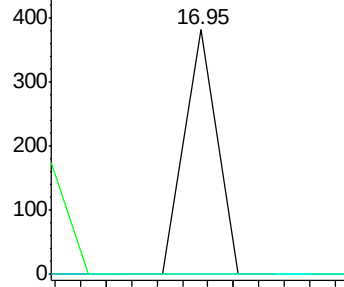
215 0.0 30.4 70.4#



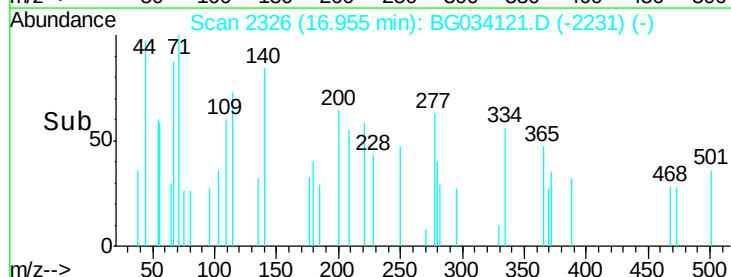
Abundance Ion 200.00 (199.70 to 200.70): E

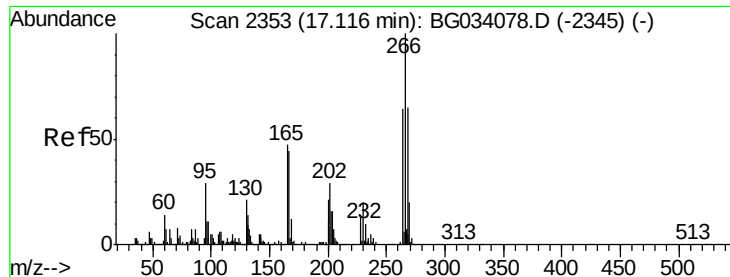
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.94 16.96





#69

Pentachlorophenol

Concen: 0.016 ng

RT: 17.14 min Scan# 2358

Delta R.T. 0.03 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

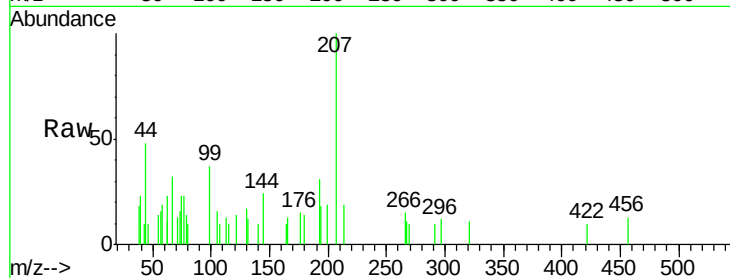
Tot Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

268 74.9 51.1 76.7

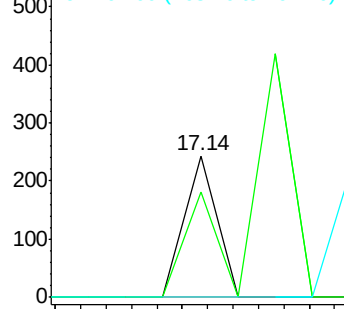
264 0.0 49.6 74.4#



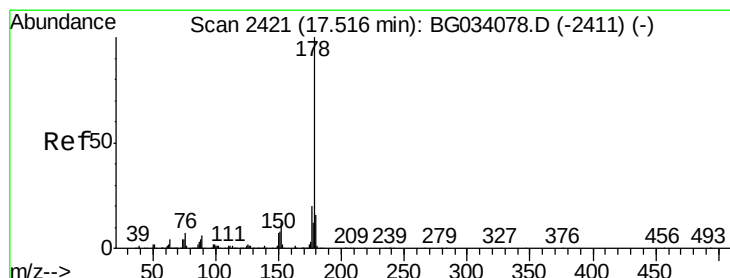
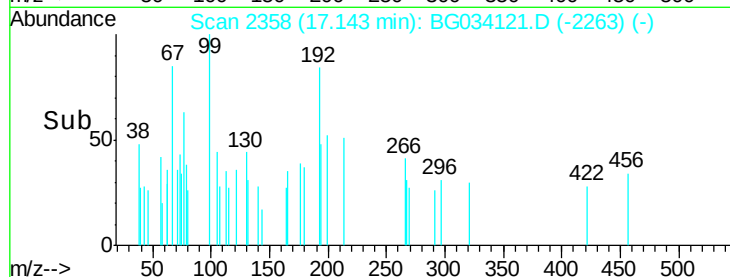
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.12 17.14 17.16



#70

Phenanthrene

Concen: 0.003 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

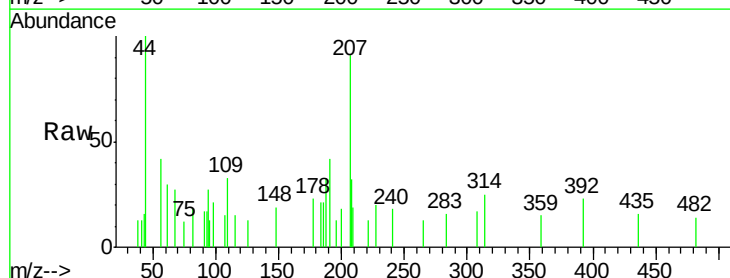
Tgt Ion:178 Resp: 99

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

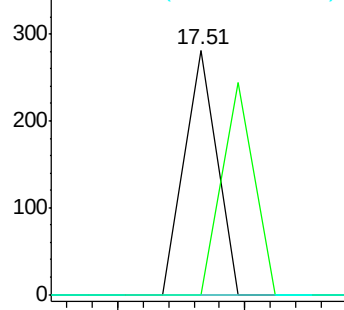
179 0.0 12.5 18.7#



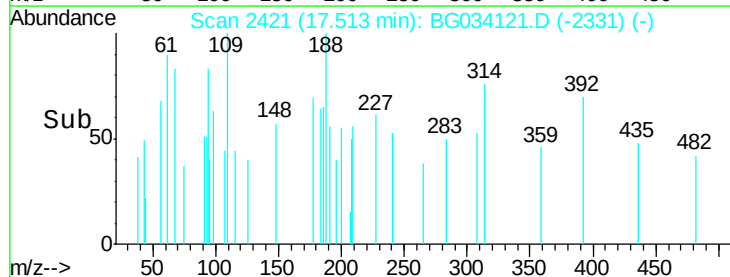
Abundance Ion 178.00 (177.70 to 178.70): E

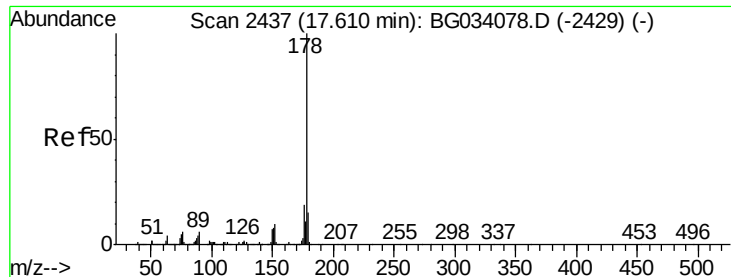
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.50 17.52





#71

Anthracene

Concen: 0.009 ng

RT: 17.65 min Scan# 2445

Delta R.T. 0.04 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampled :

PB108725BL

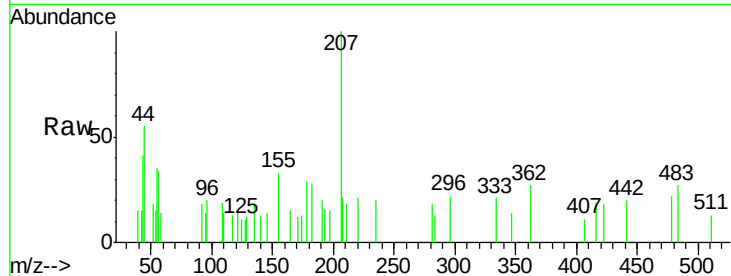
Tot Ion:178 Resp: 277

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

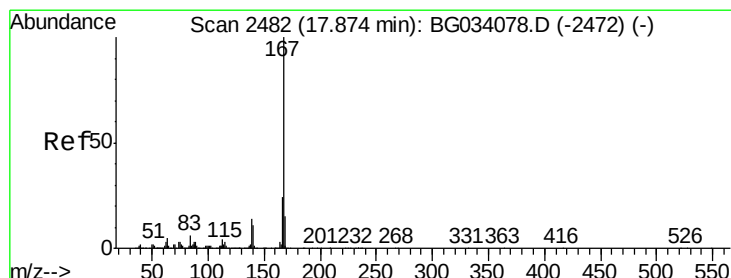
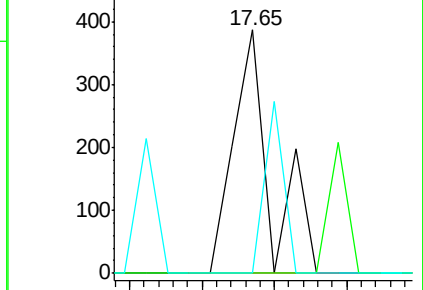
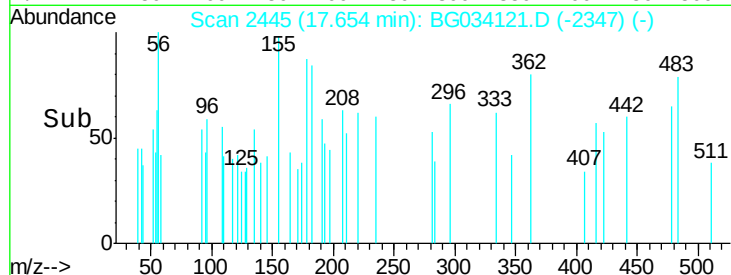
179 0.0 12.5 18.7#



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: 0.003 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

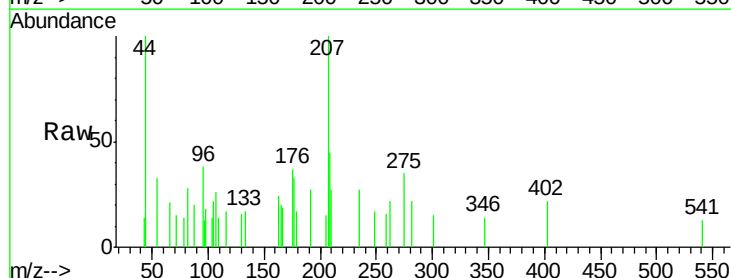
Tgt Ion:167 Resp: 77

Ion Ratio Lower Upper

167 100

166 184.9 18.2 27.4#

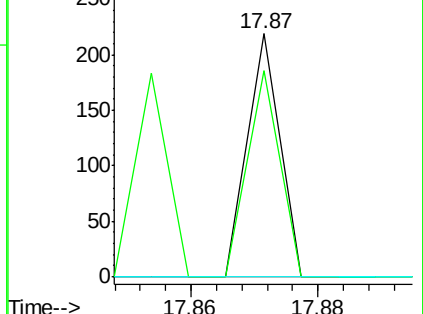
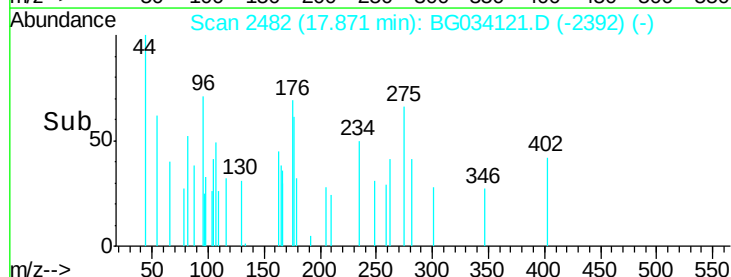
139 0.0 9.4 14.2#

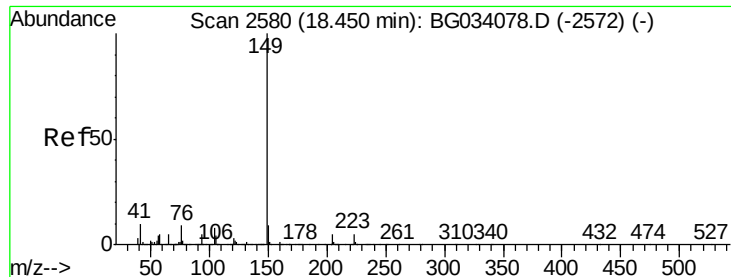


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

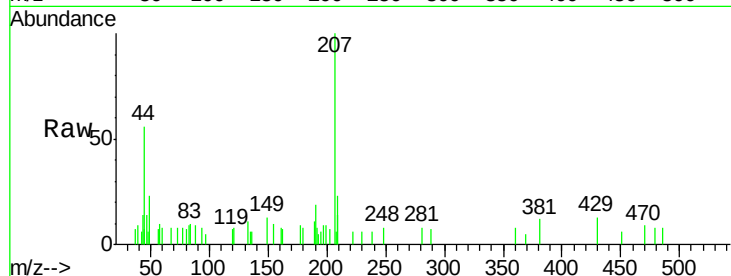
Tot Ion:149 Resp: 246

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

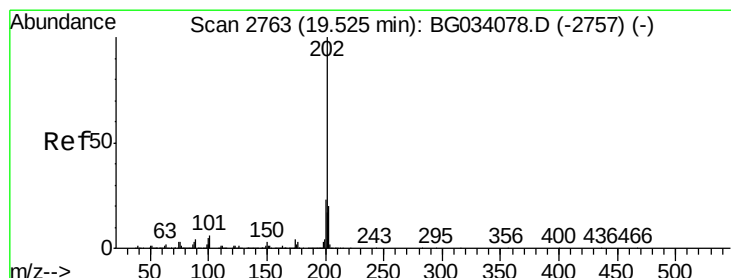
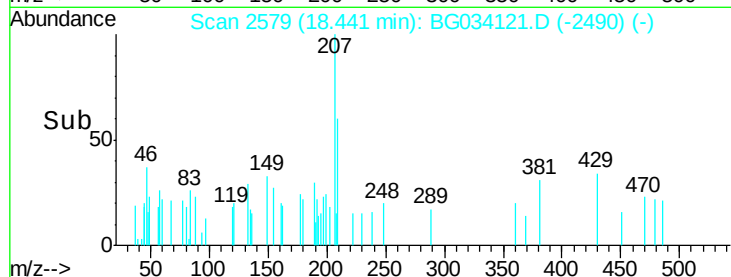
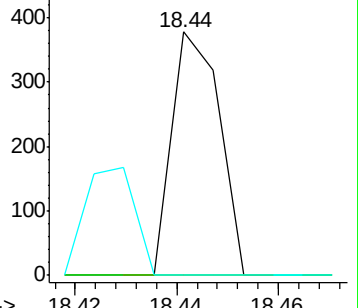
104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.002 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

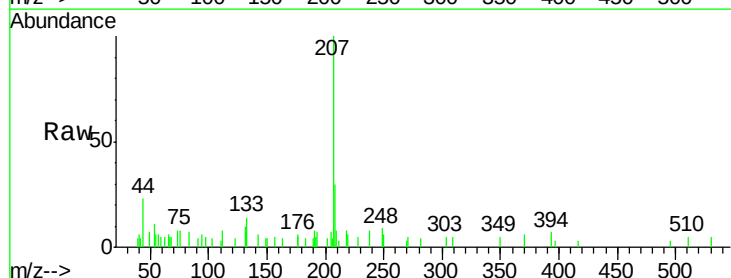
Tgt Ion:202 Resp: 63

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

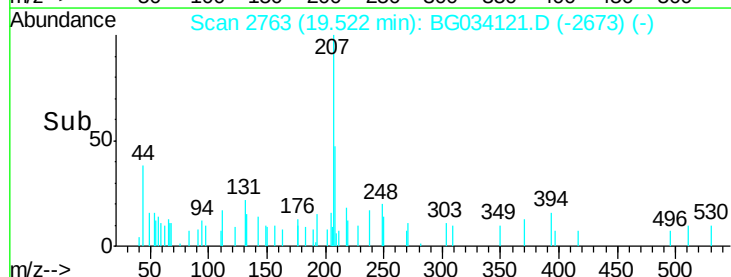
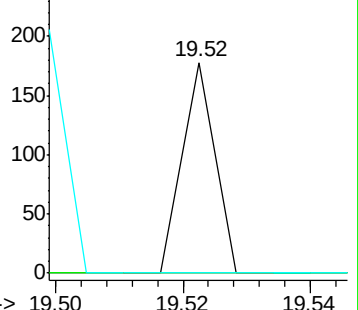
203 0.0 0.0 37.5

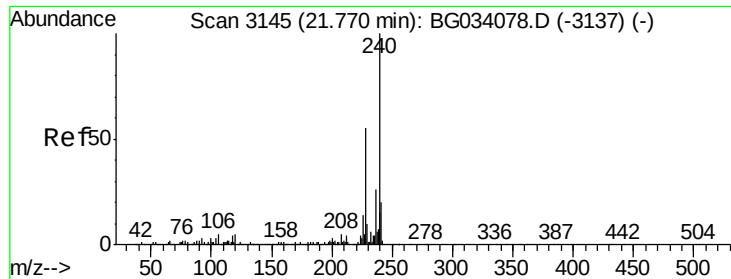


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

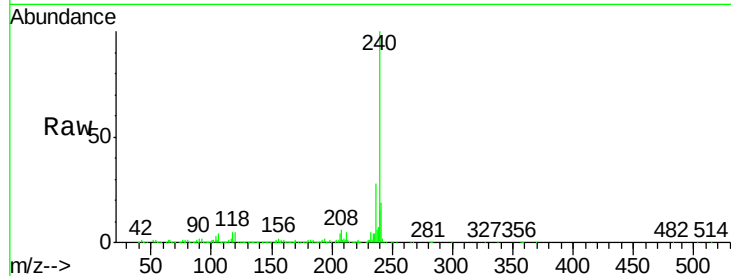
Tot Ion:240 Resp: 759504

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

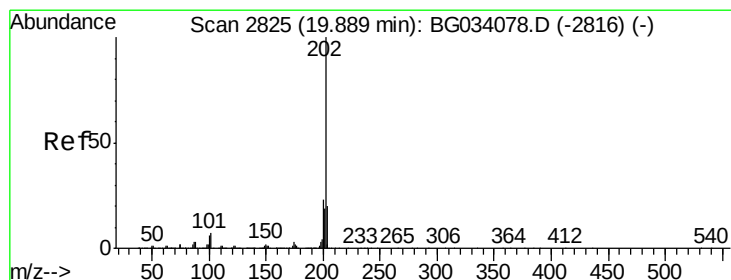
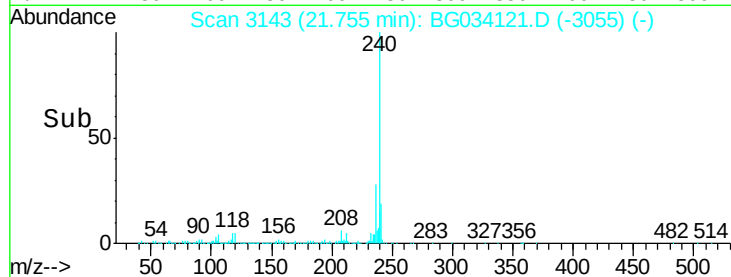
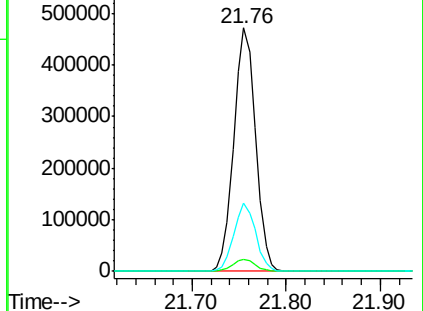
236 28.3 20.9 31.3



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



#77

Pyrene

Concen: 0.335 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.20 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

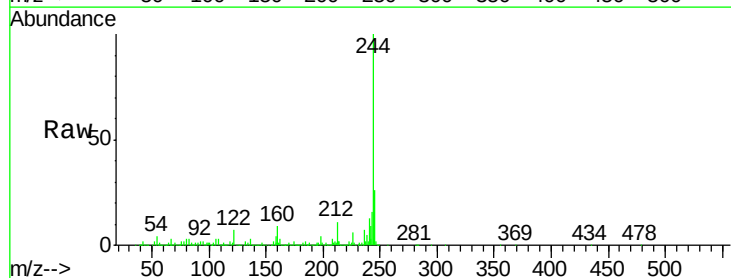
Tgt Ion:202 Resp: 15921

Ion Ratio Lower Upper

202 100

200 35.4 16.9 25.3#

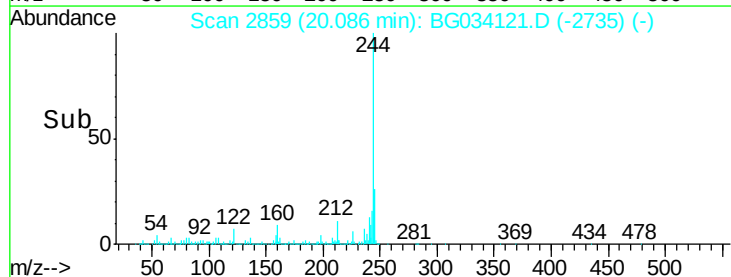
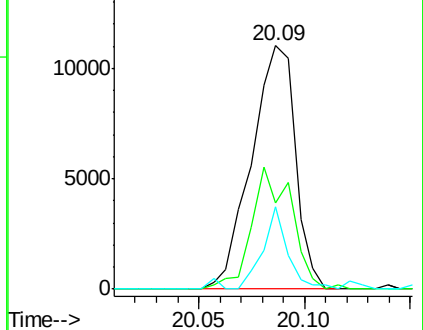
203 34.1 13.9 20.9#

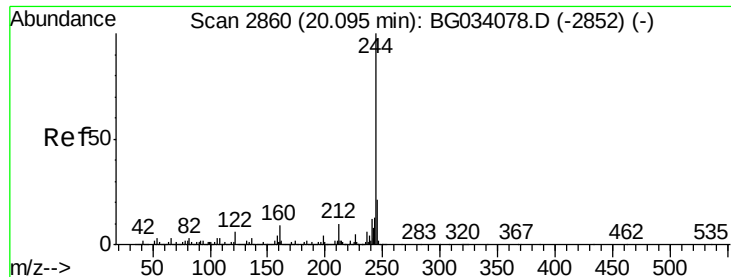


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.530 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

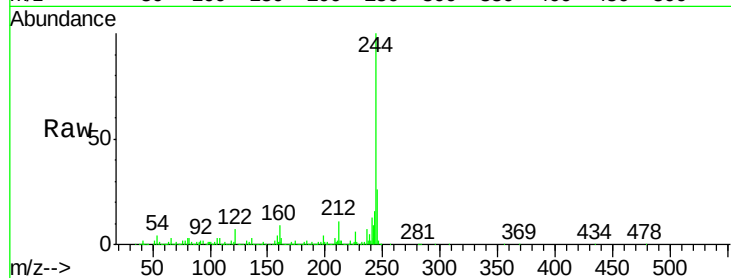
Tot Ion:244 Resp: 3103994

Ion Ratio Lower Upper

244 100

212 11.4 5.8 8.8#

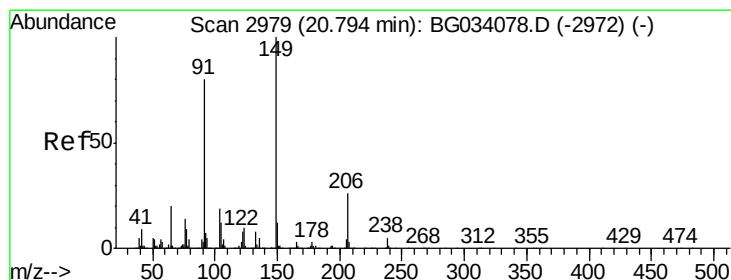
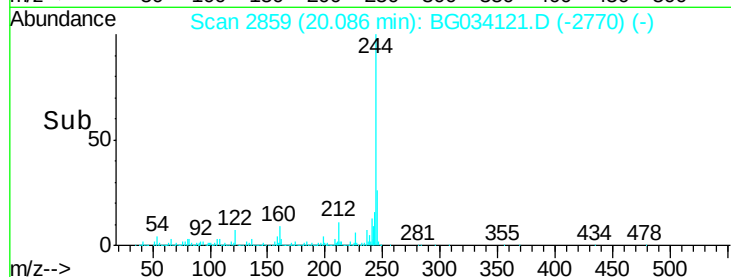
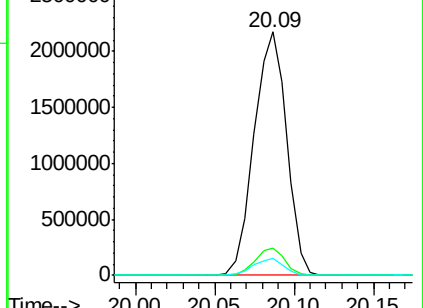
122 6.8 7.0 10.4#



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: 0.005 ng

RT: 20.79 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

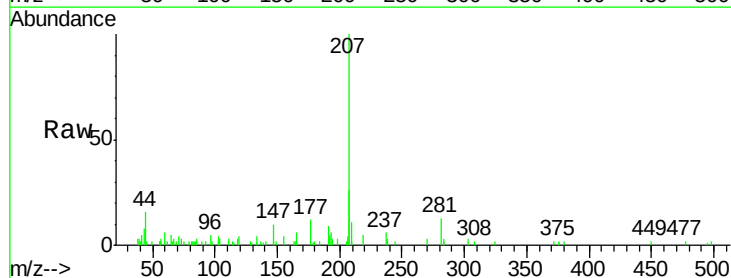
Tgt Ion:149 Resp: 87

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

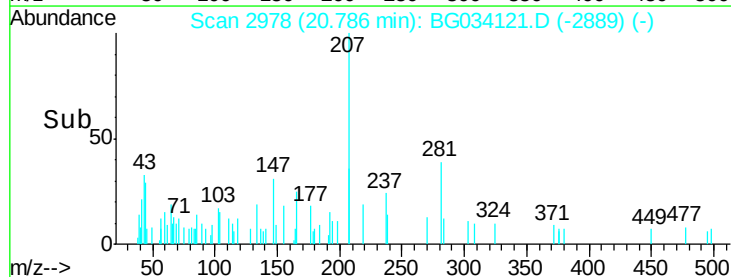
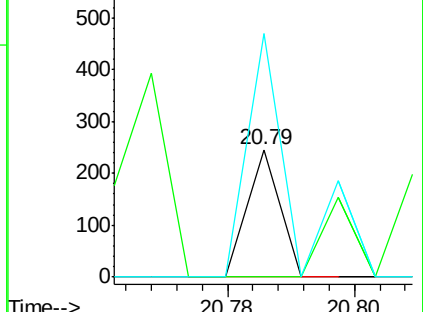
206 190.7 18.6 27.8#

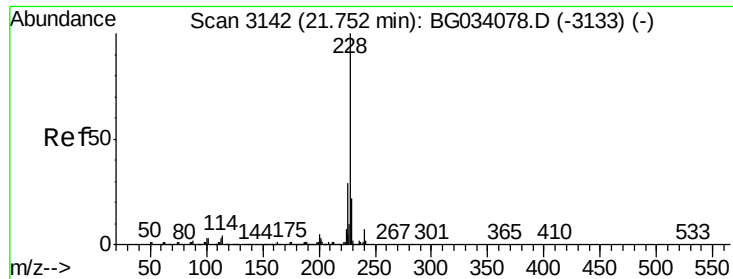


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.049 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

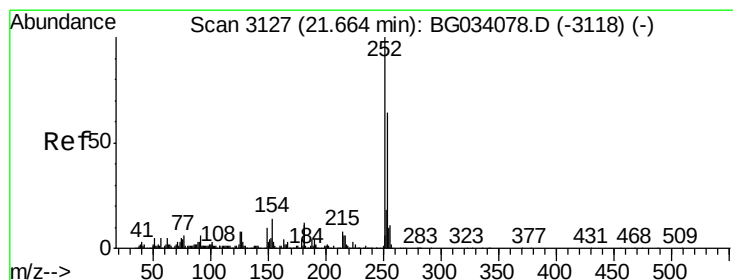
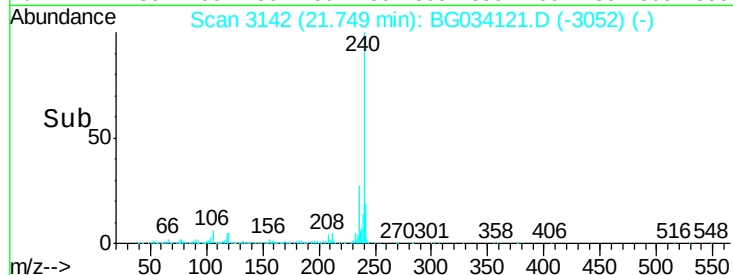
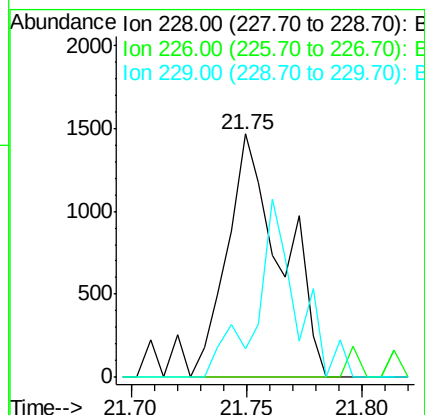
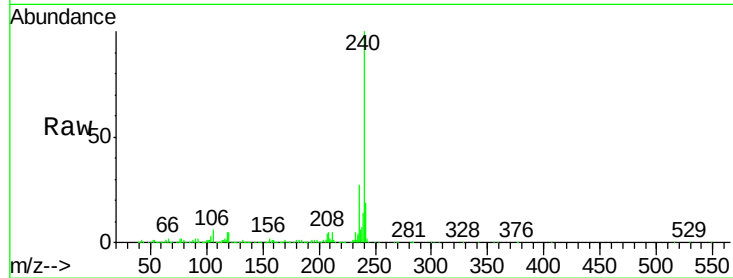
Tot Ion:228 Resp: 2383

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

229 11.6 16.2 24.2#



#81

3,3'-Dichlorobenzidine

Concen: 0.022 ng

RT: 21.66 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

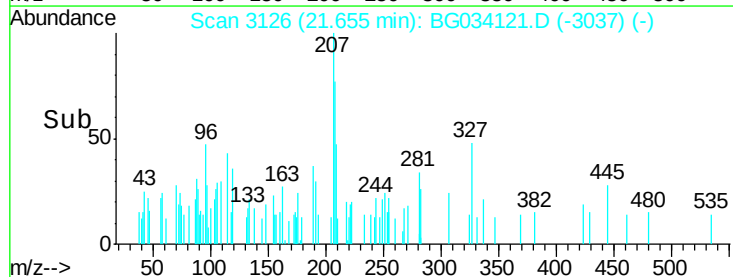
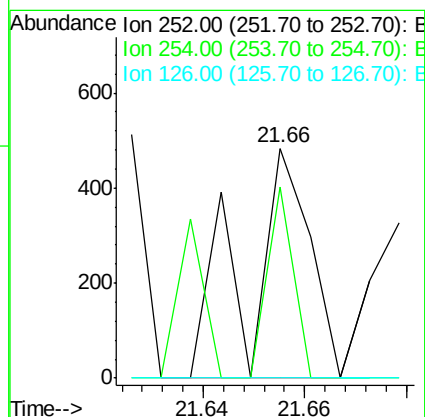
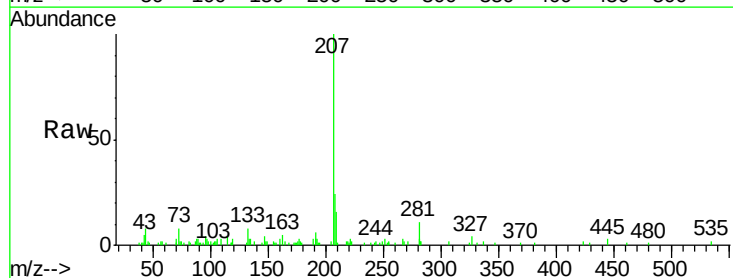
Tgt Ion:252 Resp: 413

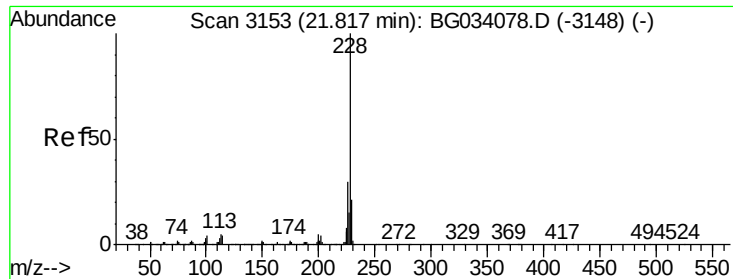
Ion Ratio Lower Upper

252 100

254 83.3 50.8 76.2#

126 0.0 7.4 11.2#





#82

Chrysene

Concen: 0.051 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.07 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

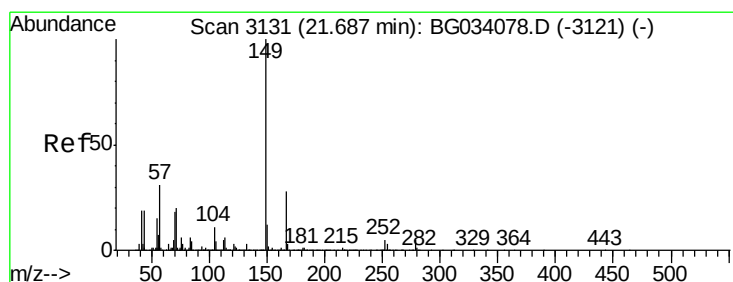
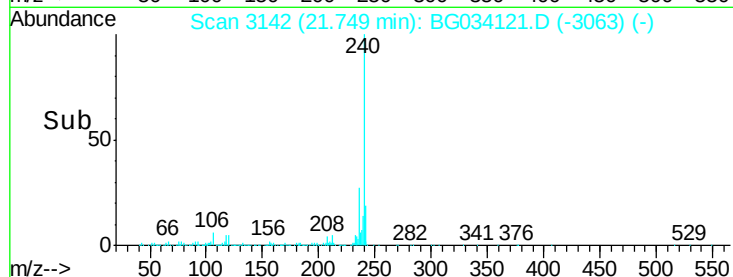
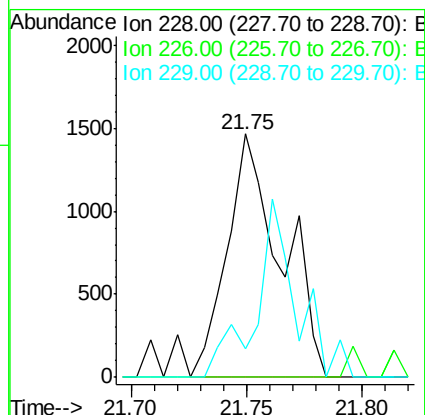
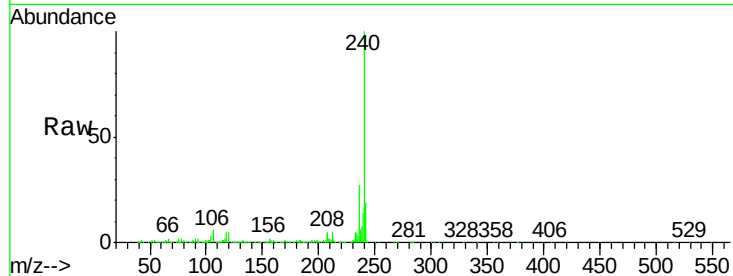
Tot Ion:228 Resp: 2383

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 11.6 15.0 22.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.025 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

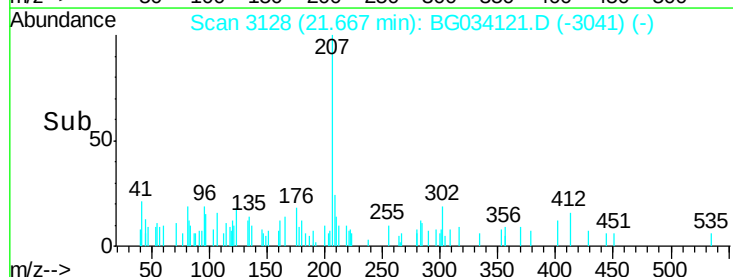
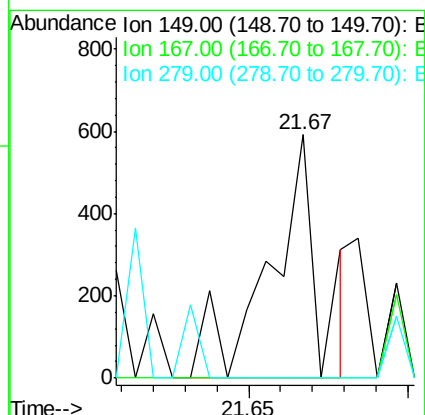
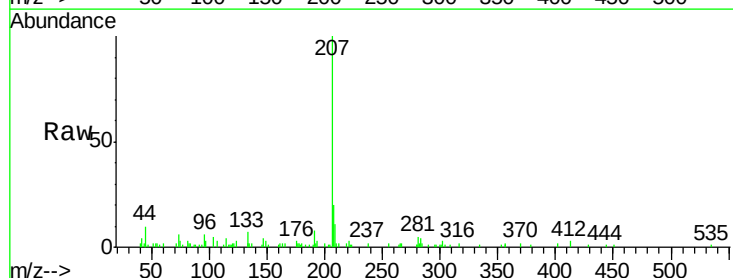
Tgt Ion:149 Resp: 638

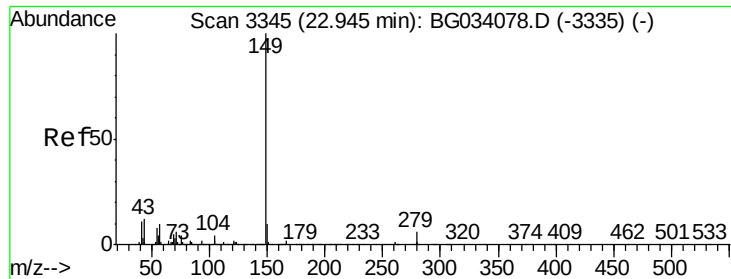
Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

279 37.7 4.0 6.0#





#84

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.92 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

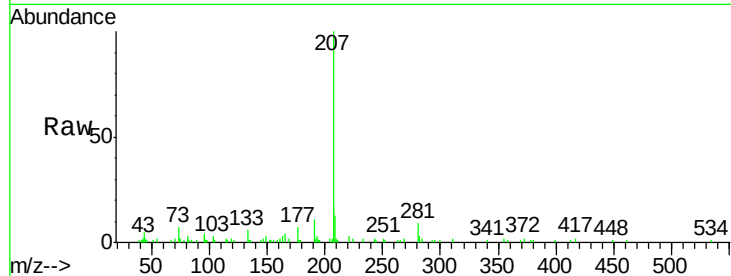
Tot Ion:149 Resp: 164

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

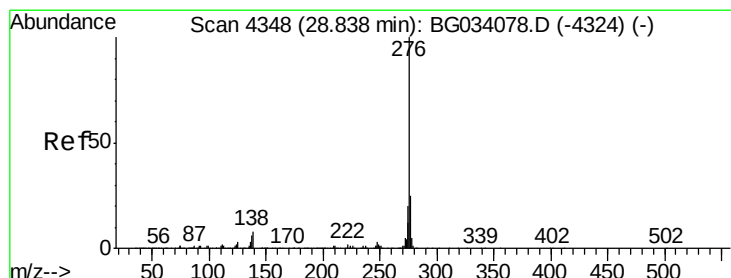
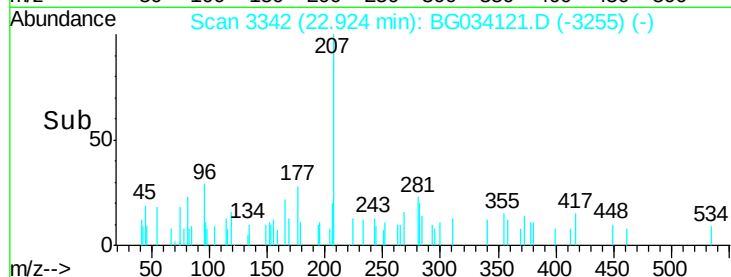
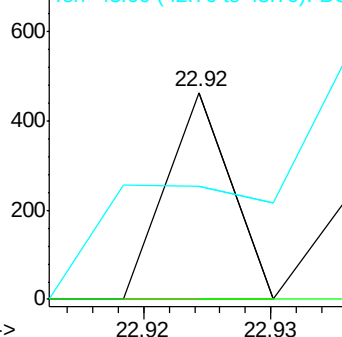
43 0.0 8.9 13.3#



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): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.78 min Scan# 4338

Delta R.T. -0.06 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

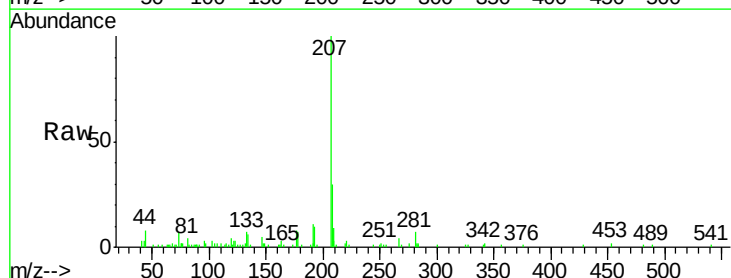
Tgt Ion:276 Resp: 126

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

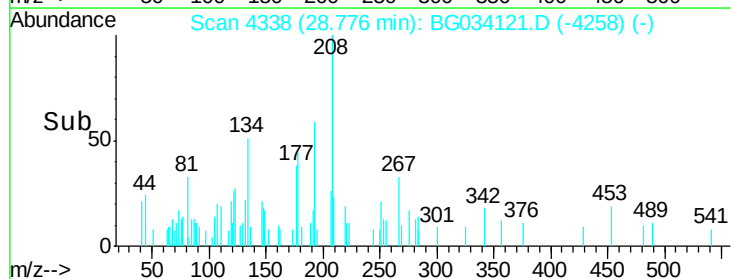
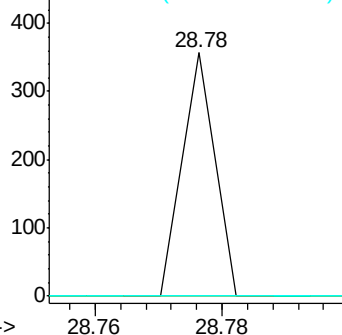
277 0.0 20.0 30.0#

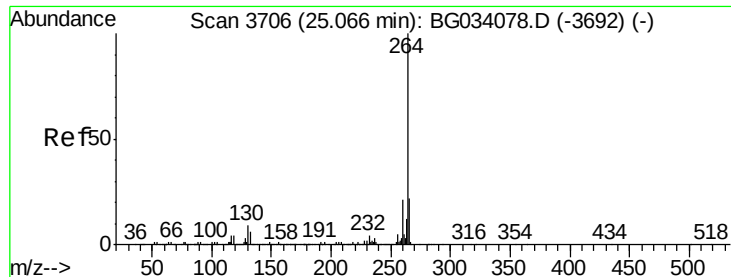


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

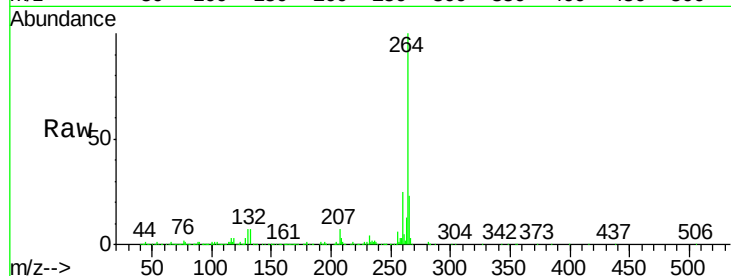
Tot Ion:264 Resp: 737330

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

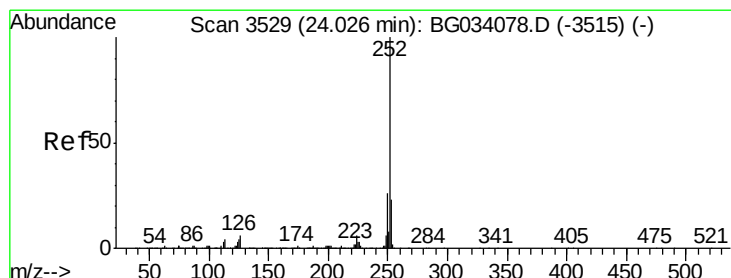
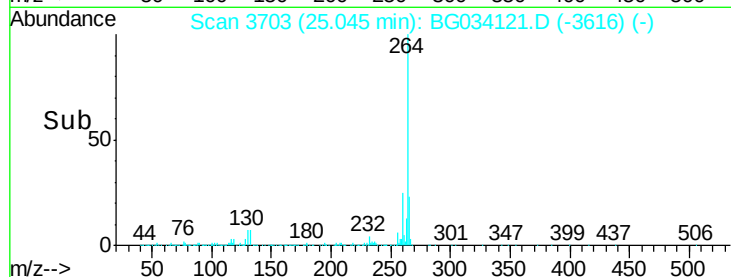
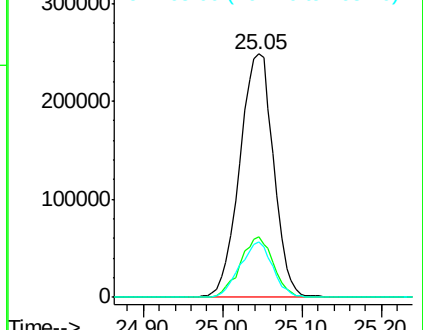
265 22.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 24.00 min Scan# 3525

Delta R.T. -0.03 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

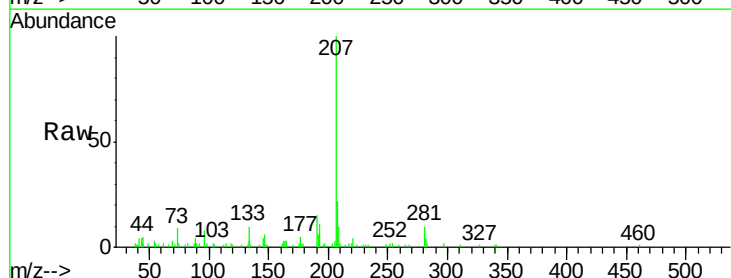
Tgt Ion:252 Resp: 97

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

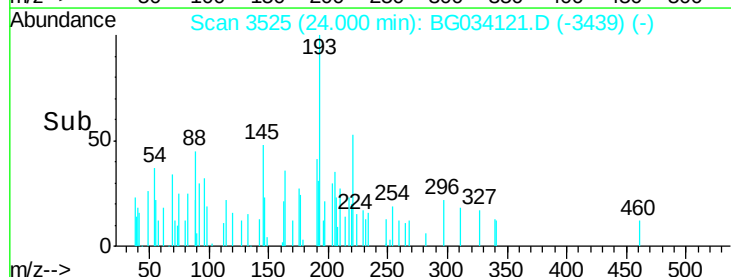
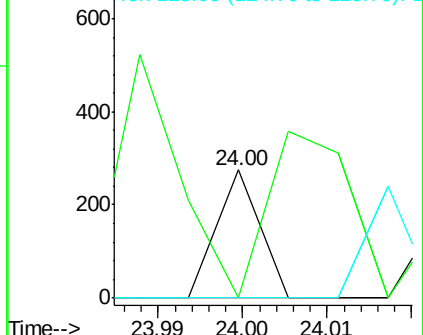
125 0.0 7.2 10.8#

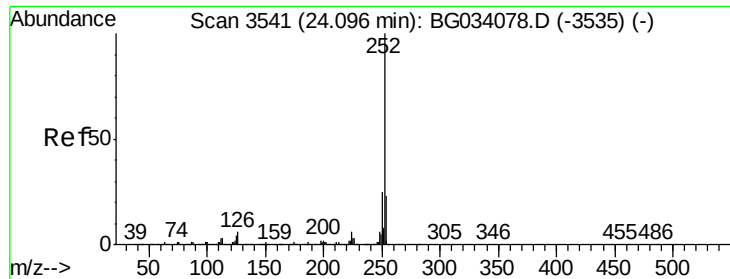


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.008 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.04 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampleId :

PB108725BL

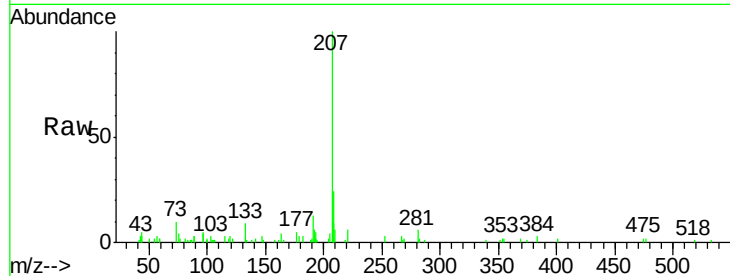
Tot Ion:252 Resp: 378

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

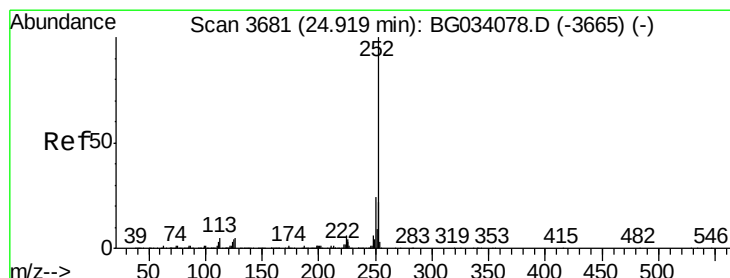
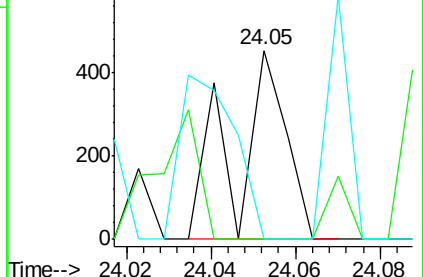
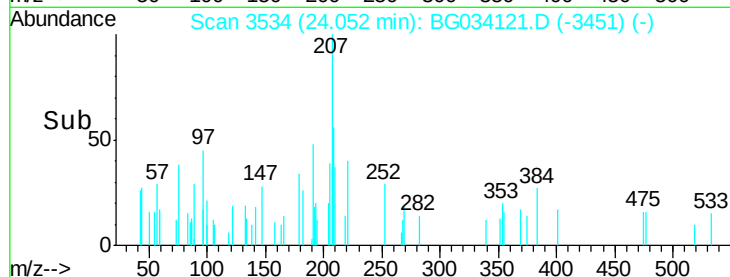
125 0.0 6.6 9.8#



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



#89

Benzo(a)pyrene

Concen: 0.003 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.04 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

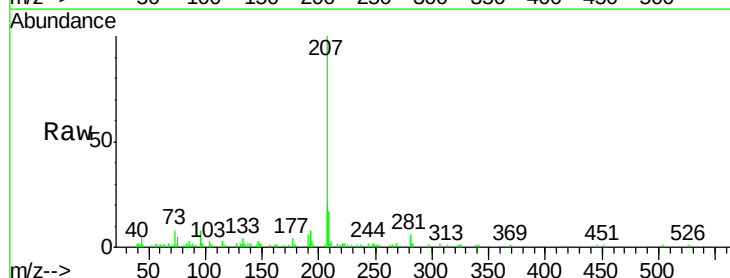
Tgt Ion:252 Resp: 120

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

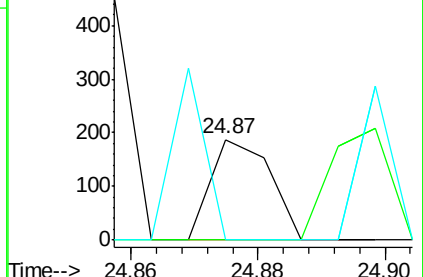
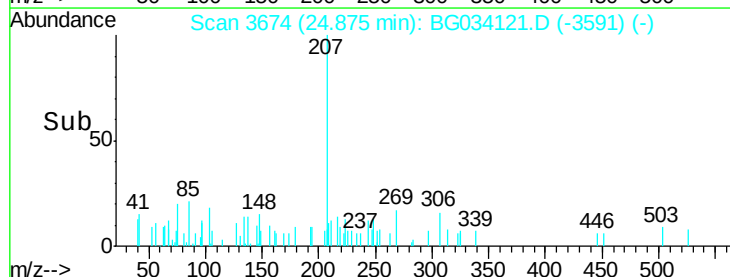
125 0.0 7.3 10.9#

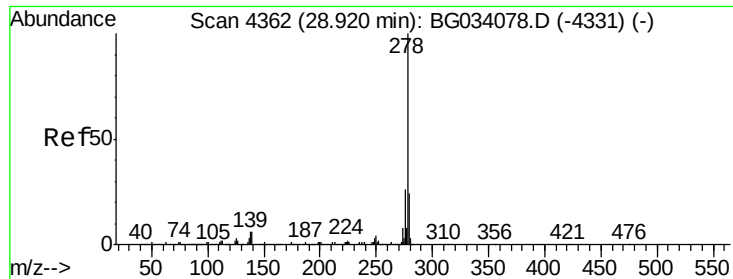


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.91 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

Instrument :

BNA_G

ClientSampled :

PB108725BL

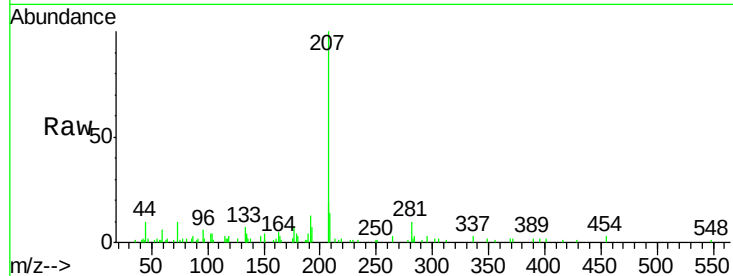
Tot Ion:278 Resp: 129

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

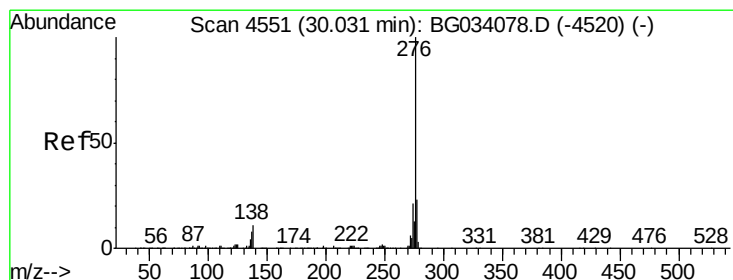
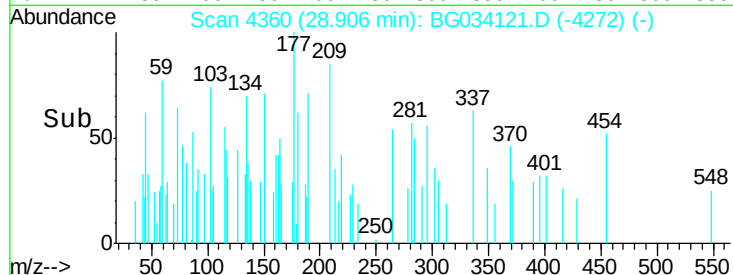
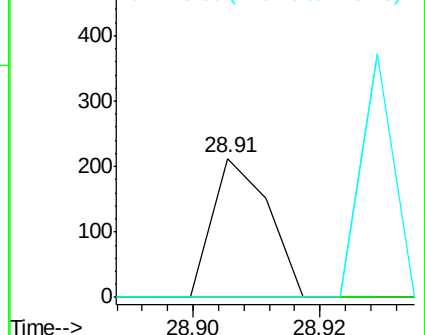
279 0.0 18.4 27.6#



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(g,h,i)perylene

Concen: 0.002 ng

RT: 29.96 min Scan# 4540

Delta R.T. -0.07 min

Lab File: BG034121.D

Acq: 2 May 2018 18:12

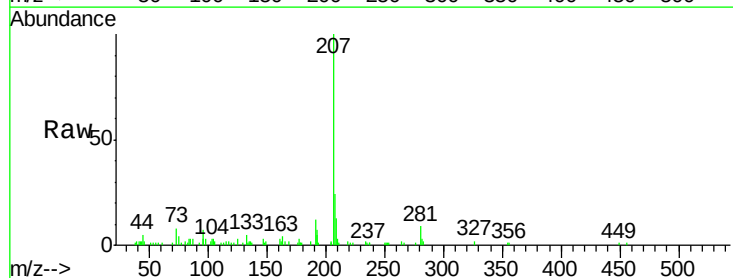
Tgt Ion:276 Resp: 86

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

