

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034114.D
 Acq On : 2 May 2018 13:44
 Operator : SJ/JU
 Sample : J2616-12
 Misc : 8PPM MDL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROBEL-2

Quant Time: May 02 14:44:58 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	8.08	152	71458	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	277425	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	200656	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	569637	20.00	ng	0.00
75) Chrysene-d12	21.76	240	695938	20.00	ng	0.00
86) Perylene-d12	25.05	264	671703	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	635796	143.75	ng	0.00
7) Phenol-d6	7.22	99	838490	121.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	737920	102.05	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	444630	160.03	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1460598	106.07	ng	0.00
78) Terphenyl-d14	20.09	244	2965705	93.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.57	88	56	0.030	ng	# 1
3) Pyridine	3.97	79	184	0.032	ng	# 71
4) n-Nitrosodimethylamine	3.86	42	1027	0.323	ng	# 1
6) Aniline	7.40	93	2479	0.265	ng	# 66
8) 2-Chlorophenol	7.64	128	252	0.057	ng	# 31
10) Phenol	7.24	94	245	0.035	ng	# 1
11) bis(2-Chloroethyl)ether	7.47	93	170	0.031	ng	# 16
12) 1,3-Dichlorobenzene	7.95	146	74	0.013	ng	# 1
13) 1,4-Dichlorobenzene	8.06	146	129	0.023	ng	# 1
14) 1,2-Dichlorobenzene	8.42	146	73	0.014	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.63	45	481	0.064	ng	# 75
17) 2-Methylphenol	8.52	107	83	0.018	ng	# 21
18) Hexachloroethane	9.26	117	134	0.057	ng	# 34
20) 3+4-Methylphenols	8.86	107	61	0.009	ng	# 24
22) Acetophenone	8.89	105	1346	0.142	ng	# 72
24) Nitrobenzene	9.29	77	195	0.025	ng	# 48
25) Isophorone	9.82	82	186	0.013	ng	# 1
26) 2-Nitrophenol	10.01	139	76	0.035	ng	# 29
27) 2,4-Dimethylphenol	10.10	122	127	0.030	ng	# 1
28) bis(2-Chloroethoxy)methane	10.30	93	69	0.010	ng	# 51
29) 2,4-Dichlorophenol	10.61	162	73	0.014	ng	# 7
30) 1,2,4-Trichlorobenzene	10.77	180	70	0.011	ng	# 12
31) Naphthalene	10.94	128	28186	1.933	ng	# 88
33) 4-Chloroaniline	11.04	127	737	0.112	ng	# 47
34) Hexachlorobutadiene	11.20	225	67	0.013	ng	# 20
35) Caprolactam	11.80	113	88	0.049	ng	# 1
36) 4-Chloro-3-methylphenol	12.11	107	109	0.017	ng	# 3
37) 2-Methylnaphthalene	12.54	142	4923	0.416	ng	# 71
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	96	0.012	ng	# 1
40) Hexachlorocyclopentadiene	12.86	237	82	0.018	ng	# 22
42) 2,4,6-Trichlorophenol	13.05	196	94	0.021	ng	# 11
43) 2,4,5-Trichlorophenol	13.28	196	180	0.036	ng	# 17
45) 1,1'-Biphenyl	13.55	154	4736	0.302	ng	# 85
46) 2-Chloronaphthalene	13.62	162	82	0.007	ng	# 39

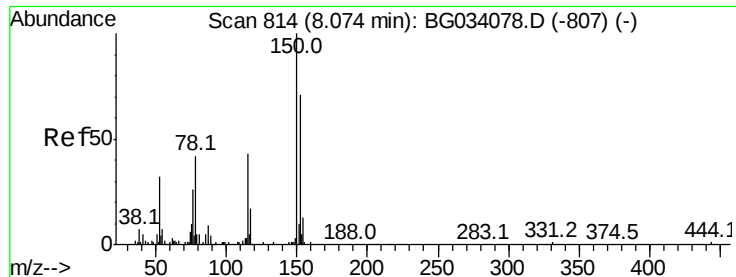
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034114.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) 2-Nitroaniline	13.82	65	186	0.039	ng	#	1
48) Acenaphthylene	14.44	152	1219	0.064	ng	#	59
49) Dimethylphthalate	14.11	163	255	0.015	ng	#	77
51) Acenaphthene	14.78	154	4089	0.318	ng		87
52) 3-Nitroaniline	14.59	138	105	0.031	ng	#	1
53) 2,4-Dinitrophenol	14.80	184	60	0.046	ng	#	61
54) Dibenzofuran	15.12	168	4527	0.242	ng	#	84
55) 4-Nitrophenol	14.96	139	62	0.024	ng	#	1
57) Fluorene	15.77	166	3316	0.204	ng	#	71
58) 2,3,4,6-Tetrachlorophenol	15.33	232	57	0.011	ng	#	40
59) Diethylphthalate	15.53	149	557	0.030	ng	#	1
60) 4-Chlorophenyl-phenylether	15.73	204	121	0.012	ng	#	30
61) 4-Nitroaniline	15.75	138	118	0.033	ng		92
62) Azobenzene	16.06	77	128	0.006	ng	#	1
64) 4,6-Dinitro-2-methylphenol	15.80	198	77	0.029	ng	#	29
65) n-Nitrosodiphenylamine	16.20	169	20469	1.318	ng	#	37
67) Hexachlorobenzene	16.77	284	86	0.012	ng	#	41
68) Atrazine	16.94	200	81	0.926	ng	#	35
69) Pentachlorophenol	17.12	266	168	0.034	ng	#	19
70) Phenanthrene	17.51	178	8681	0.297	ng	#	82
71) Anthracene	17.60	178	1264	0.043	ng	#	66
72) Carbazole	17.86	167	650	0.024	ng	#	59
73) Di-n-butylphthalate	18.43	149	2498	0.076	ng	#	56
74) Fluoranthene	19.52	202	2156	0.058	ng		86
76) Benzidine	19.70	184	222211	12.396	ng		98
77) Pyrene	19.87	202	1258	0.029	ng	#	57
79) Butylbenzylphthalate	20.78	149	459	0.027	ng	#	59
80) Benzo(a)anthracene	21.75	228	2877	0.065	ng	#	67
81) 3,3'-Dichlorobenzidine	21.64	252	346	0.021	ng	#	68
82) Chrysene	21.75	228	2877	0.067	ng	#	62
83) Bis(2-ethylhexyl)phthalate	21.67	149	2088	0.089	ng	#	79
84) Di-n-octyl phthalate	22.91	149	546	0.015	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.79	276	73	0.002	ng	#	1
87) Benzo(b)fluoranthene	24.01	252	178	0.004	ng	#	59
88) Benzo(k)fluoranthene	24.08	252	106	0.003	ng	#	16
89) Benzo(a)pyrene	24.91	252	123	0.003	ng	#	59
90) Dibenzo(a,h)anthracene	28.90	278	170	0.005	ng	#	58
91) Benzo(g,h,i)perylene	29.94	276	167	0.005	ng	#	56

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

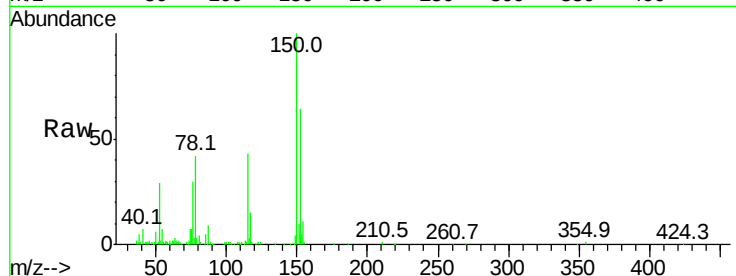


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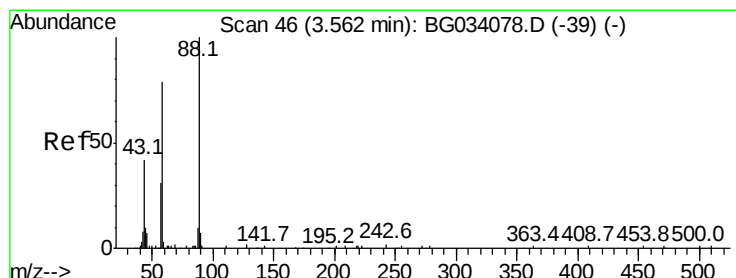
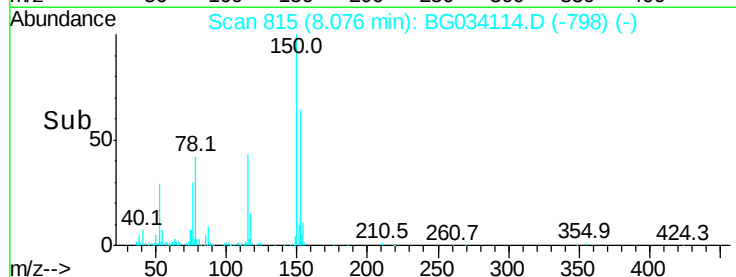
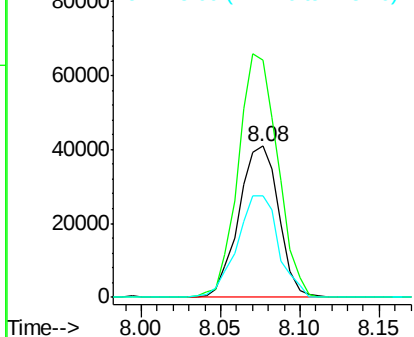
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Instrument :
BNA_G
ClientSampleId :
ROBEL-2

Tot Ion:152 Resp: 71458
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 67.3 53.0 79.4



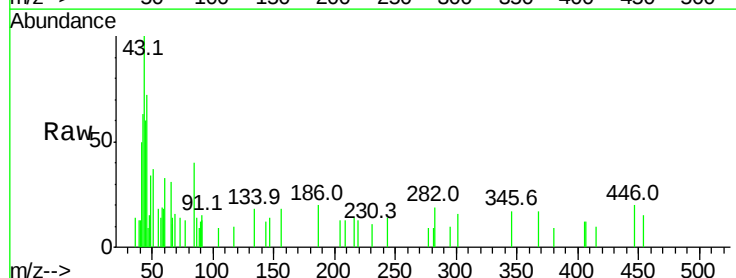
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



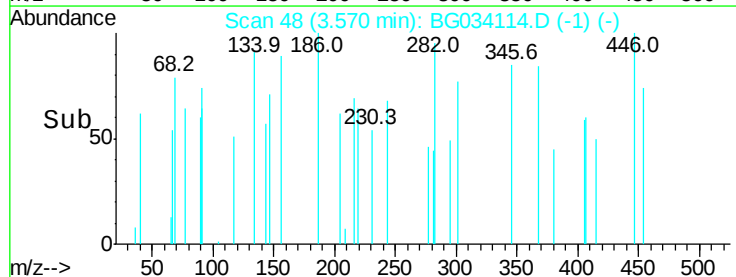
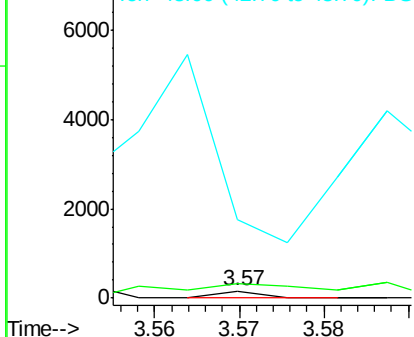
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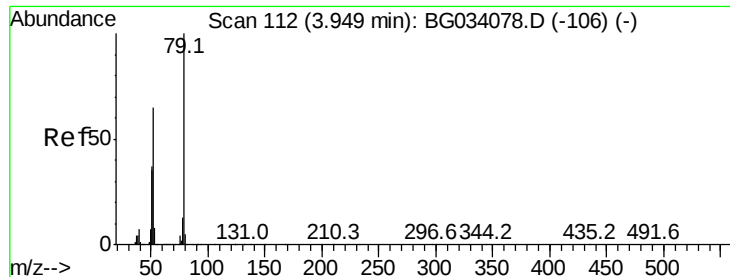
1,4-Dioxane
Concen: 0.030 ng
RT: 3.57 min Scan# 48
Delta R.T. 0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 0.0 79.6 119.4#
43 7130.4 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: 0.032 ng

RT: 3.97 min Scan# 116

Delta R.T. 0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

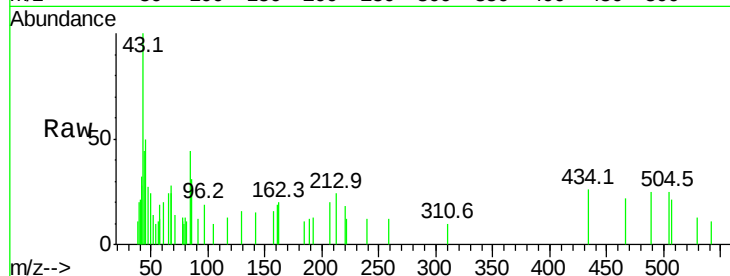
Tot Ion: 79 Resp: 184

Ion Ratio Lower Upper

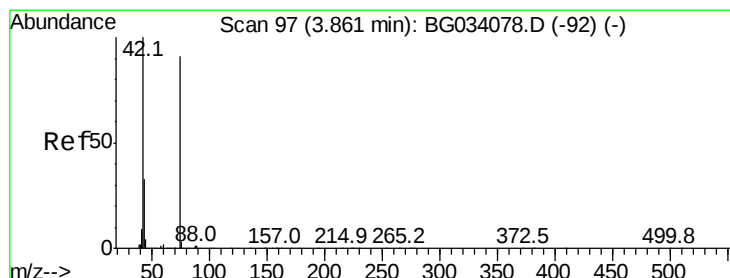
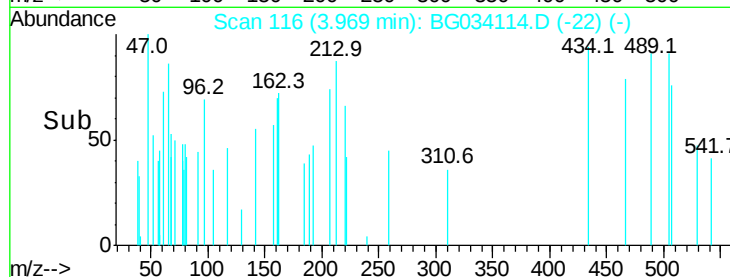
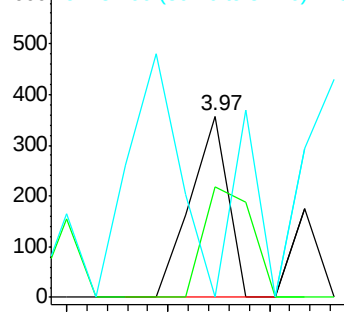
79 100

52 60.9 69.9 104.9#

51 60.9 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: 0.323 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

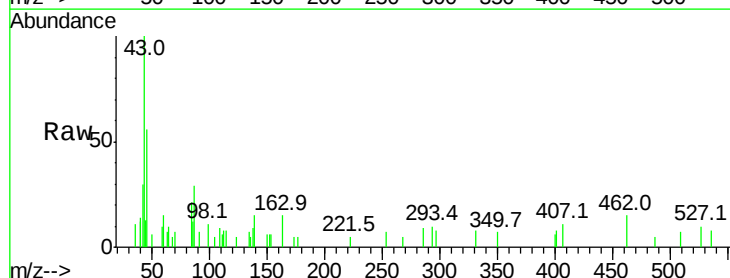
Tgt Ion: 42 Resp: 1027

Ion Ratio Lower Upper

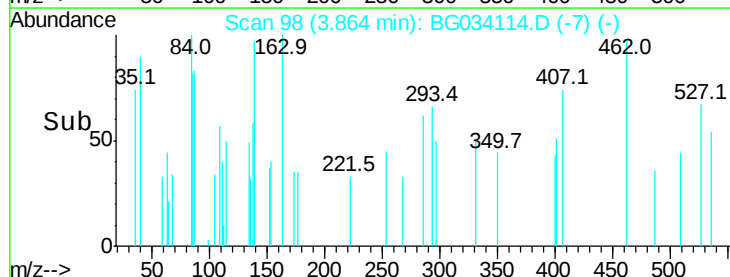
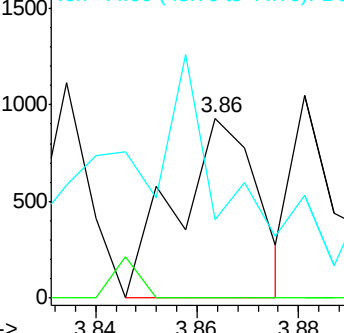
42 100

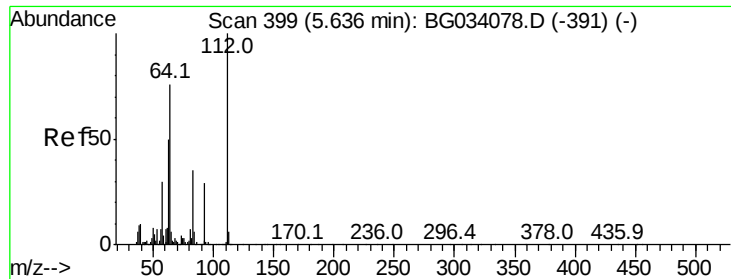
74 0.0 102.5 153.7#

44 43.8 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: 143.750 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampled :

ROBEL-2

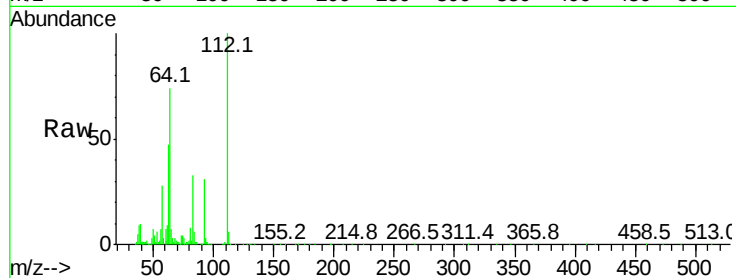
Tot Ion:112 Resp: 635796

Ion Ratio Lower Upper

112 100

64 74.3 56.3 84.5

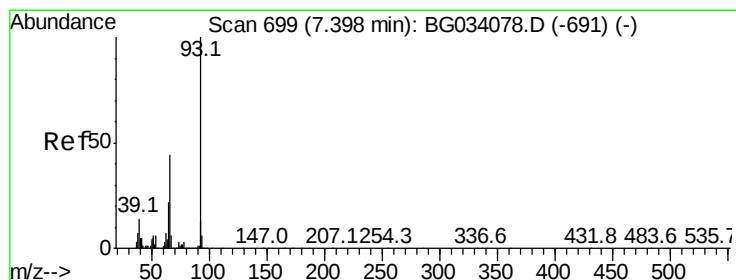
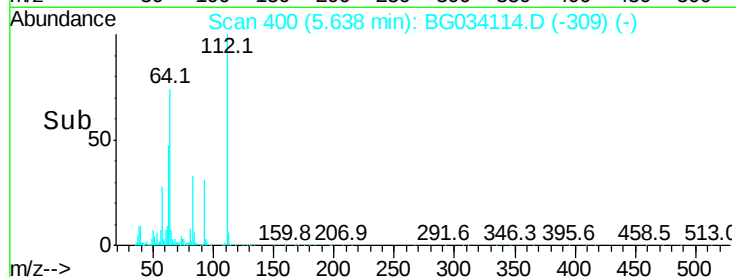
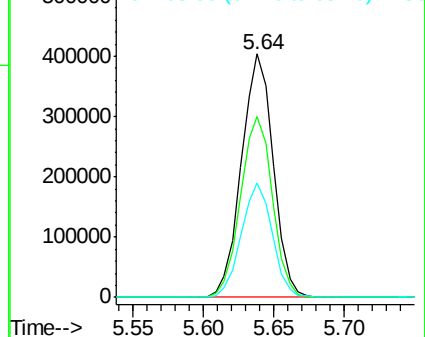
63 47.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.265 ng

RT: 7.40 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

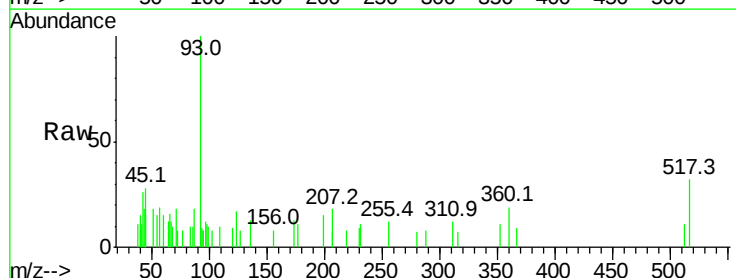
Tgt Ion: 93 Resp: 2479

Ion Ratio Lower Upper

93 100

66 15.6 33.7 50.5#

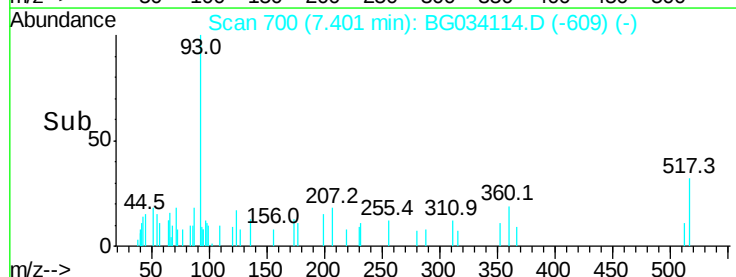
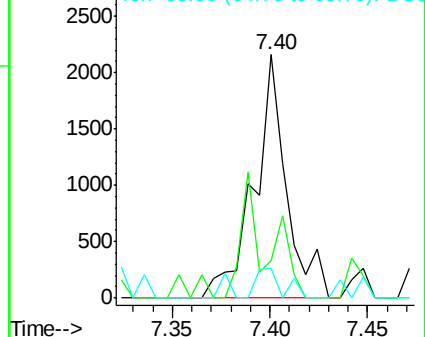
65 12.1 16.1 24.1#

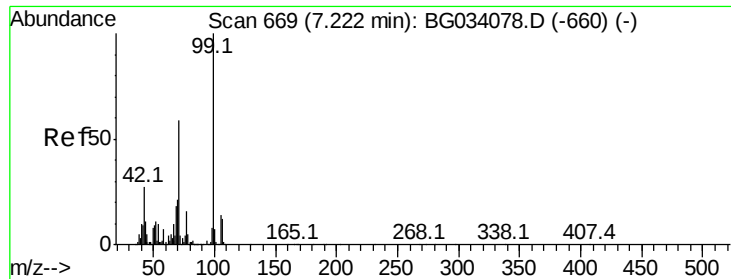


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.774 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

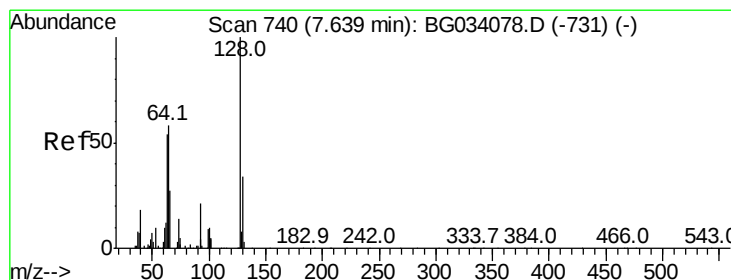
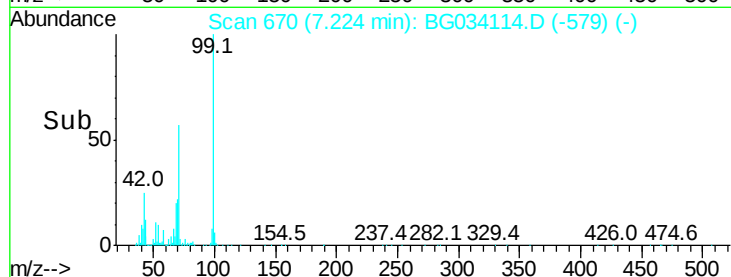
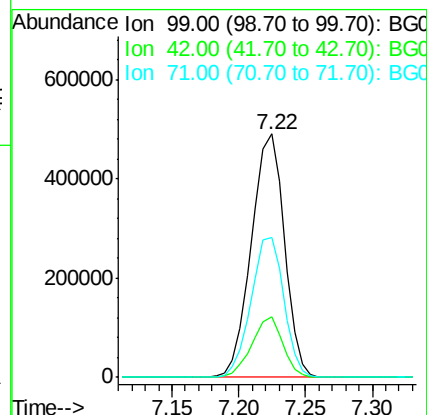
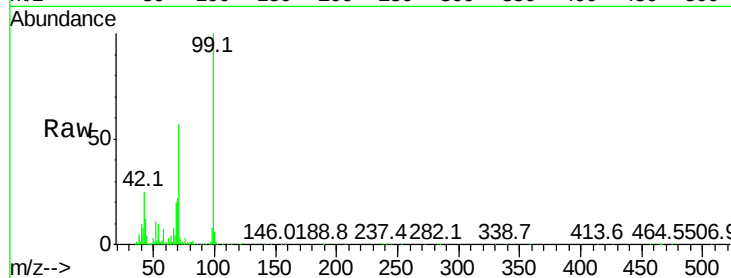
Tot Ion: 99 Resp: 838490

Ion Ratio Lower Upper

99 100

42 24.7 14.1 21.1#

71 57.5 26.1 39.1#



#8

2-Chlorophenol

Concen: 0.057 ng

RT: 7.64 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

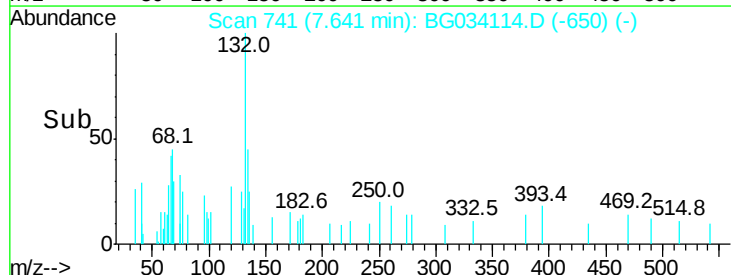
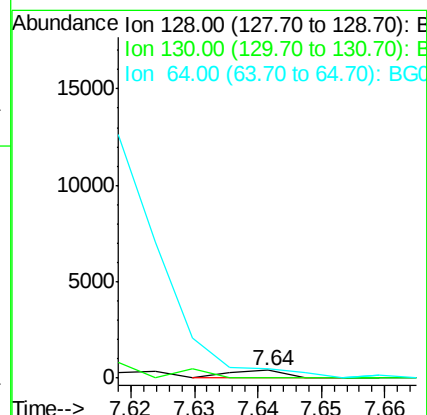
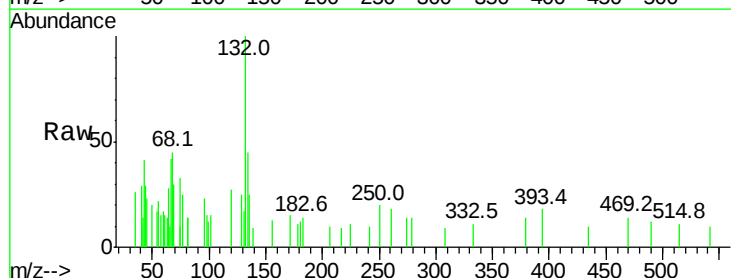
Tgt Ion: 128 Resp: 252

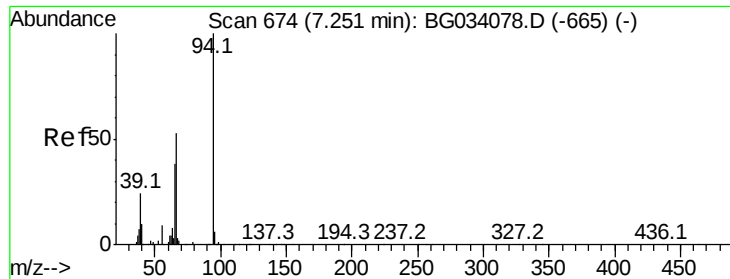
Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

64 112.8 37.7 77.7#





#10

Phenol

Concen: 0.035 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampled :

ROBEL-2

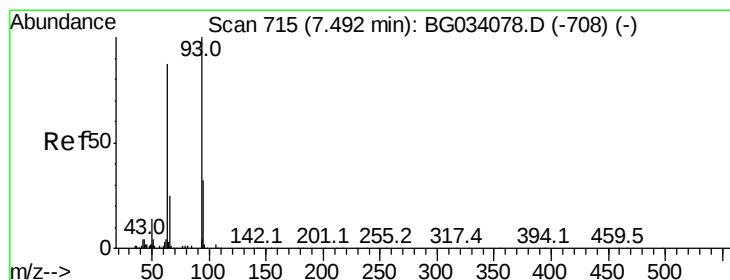
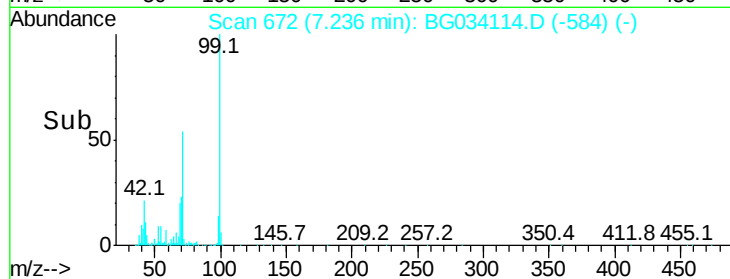
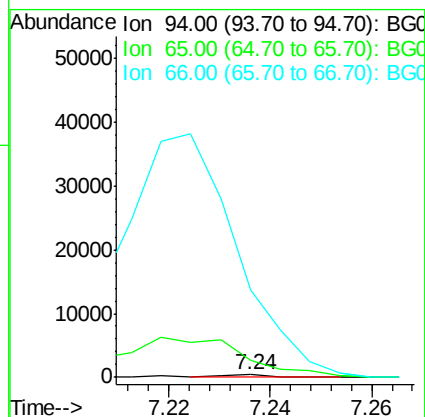
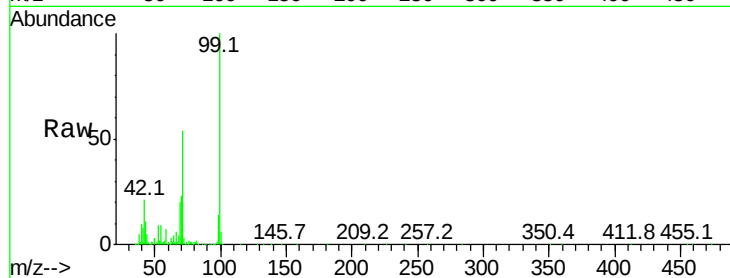
Tot Ion: 94 Resp: 245

Ion Ratio Lower Upper

94 100

65 427.8 11.9 51.9#

66 2142.9 22.2 62.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.031 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

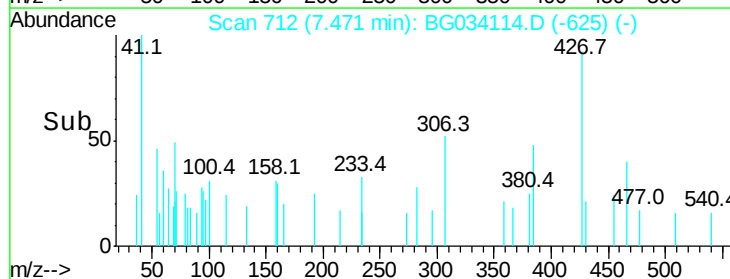
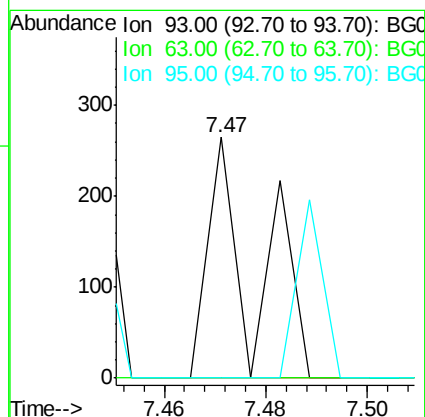
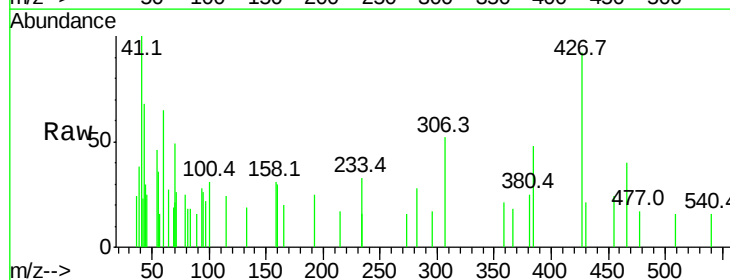
Tgt Ion: 93 Resp: 170

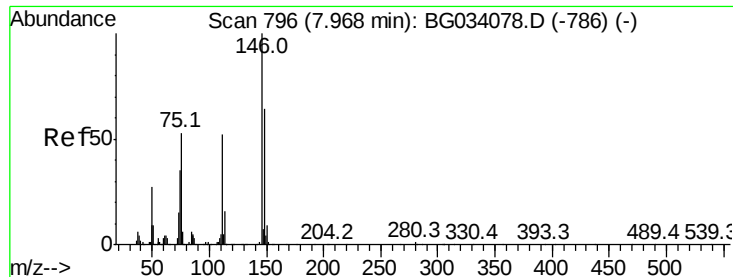
Ion Ratio Lower Upper

93 100

63 0.0 67.1 107.1#

95 0.0 11.5 51.5#





#12

1,3-Dichlorobenzene

Concen: 0.013 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampled :

ROBEL-2

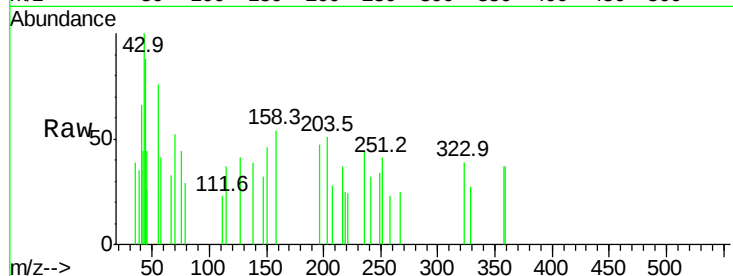
Tot Ion:146 Resp: 74

Ion Ratio Lower Upper

146 100

148 0.0 51.4 77.2#

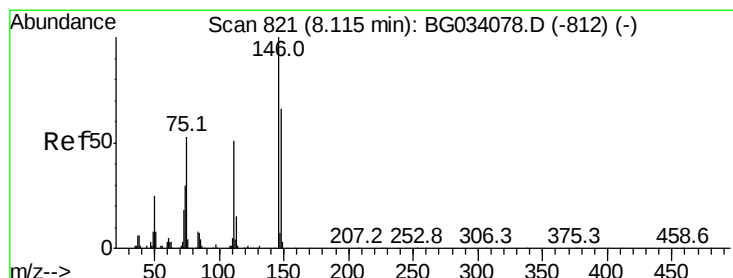
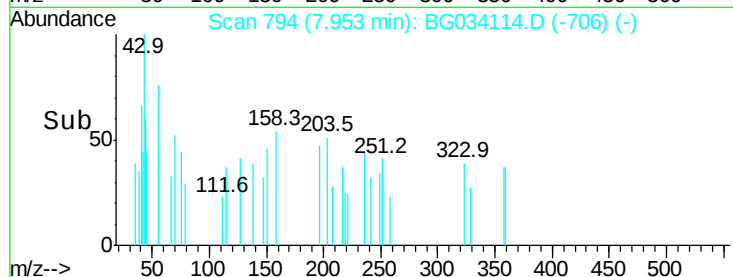
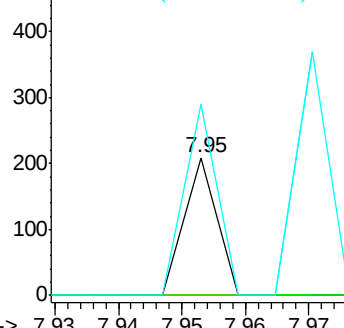
75 138.8 26.6 39.8#



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): B



#13

1,4-Dichlorobenzene

Concen: 0.023 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.06 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

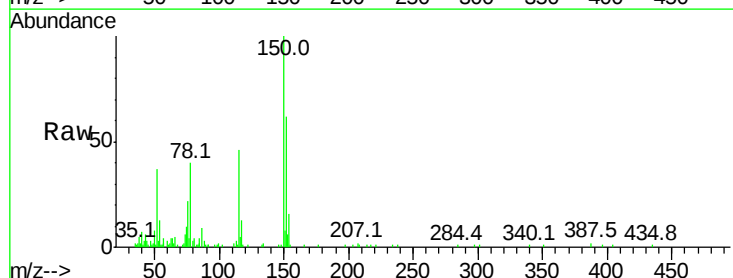
Tgt Ion:146 Resp: 129

Ion Ratio Lower Upper

146 100

148 75.1 53.7 80.5

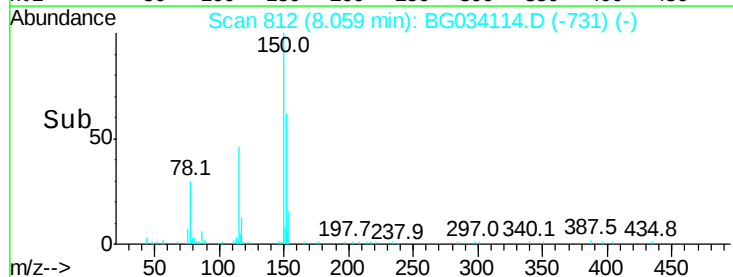
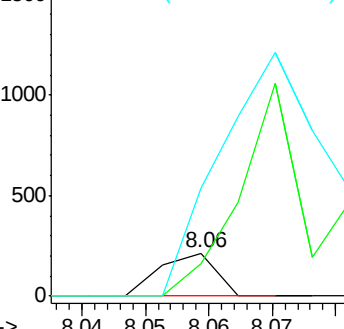
111 250.7 35.2 52.8#

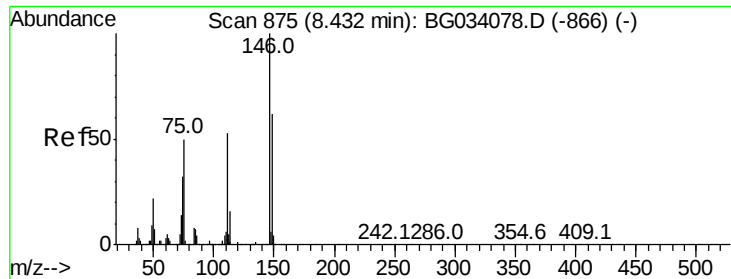


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

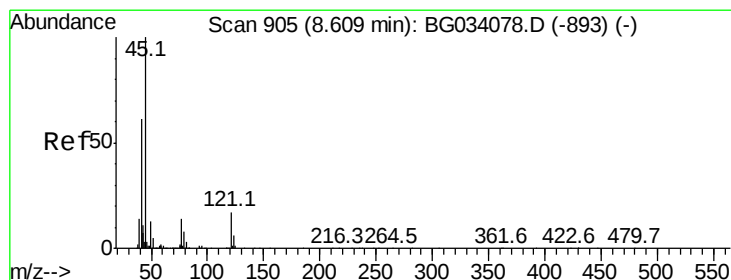
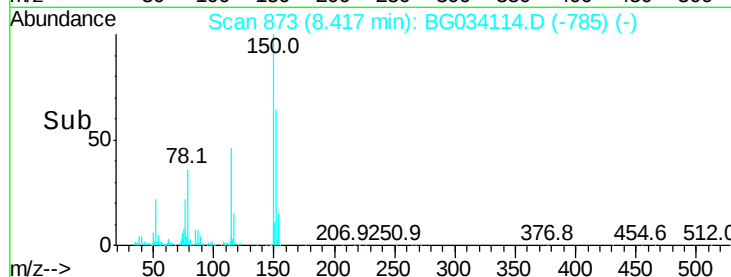
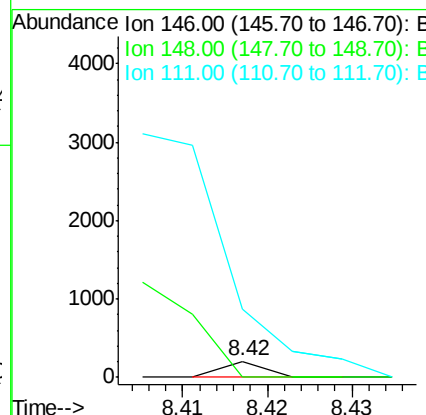
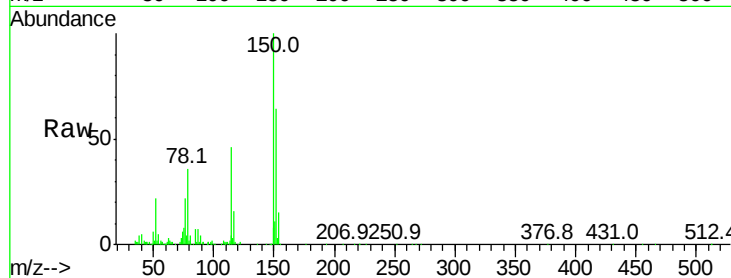




#14
 1,2-Dichlorobenzene
 Concen: 0.014 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

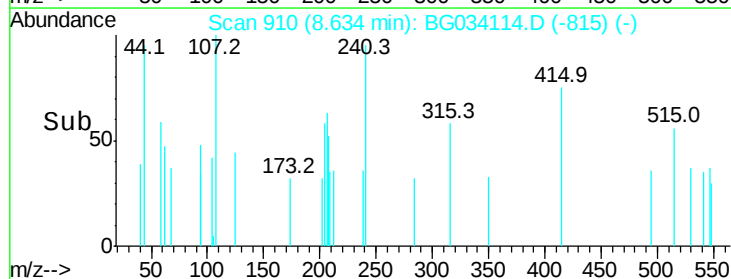
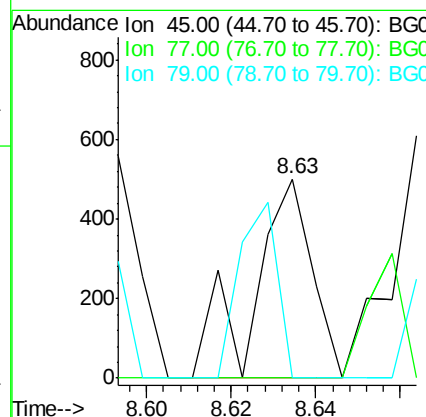
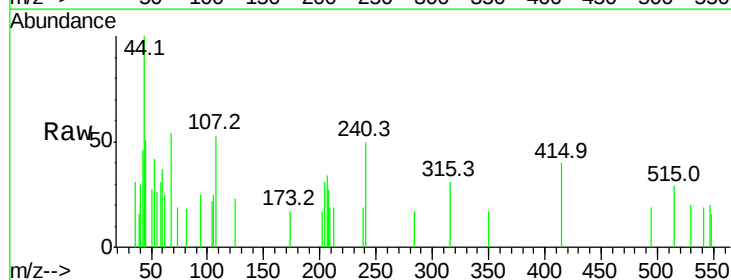
Instrument :
 BNA_G
 ClientSampleId :
 ROBEL-2

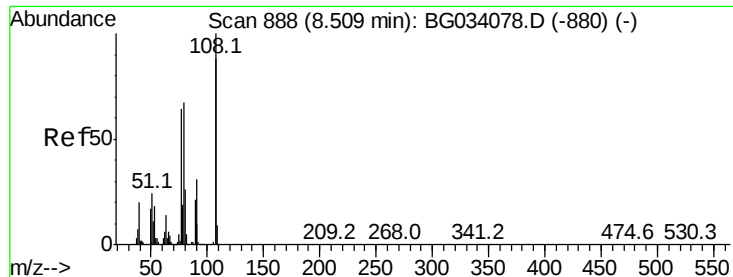
Tot Ion:146 Resp: 73
 Ion Ratio Lower Upper
 146 100
 148 0.0 49.3 73.9#
 111 419.7 34.3 51.5#



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.064 ng
 RT: 8.63 min Scan# 910
 Delta R.T. 0.03 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

Tgt Ion: 45 Resp: 481
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.2
 79 0.0 0.0 27.9

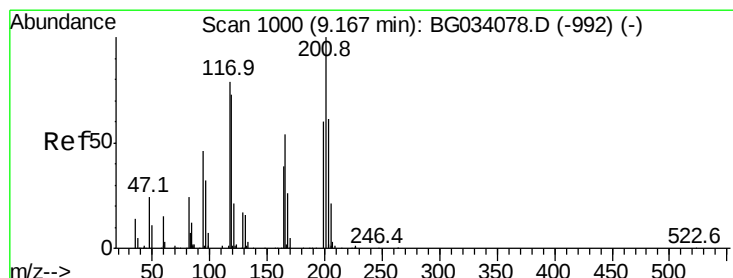
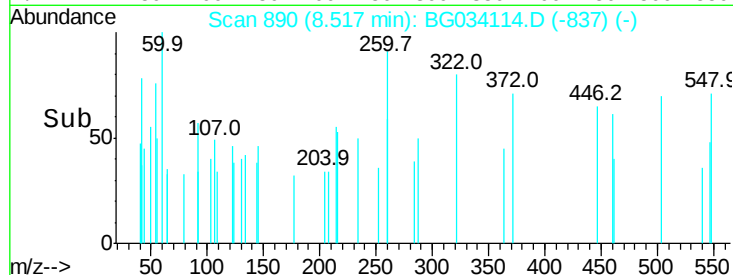
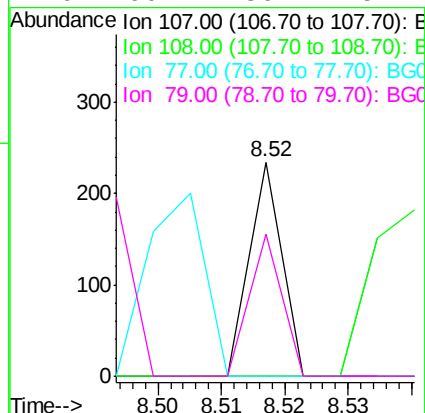
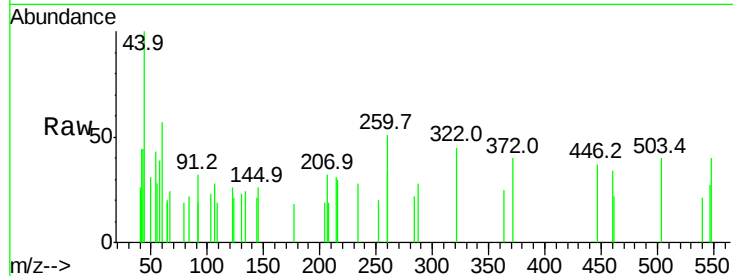




#17
2-Methylphenol
Concen: 0.018 ng
RT: 8.52 min Scan# 890
Delta R.T. 0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

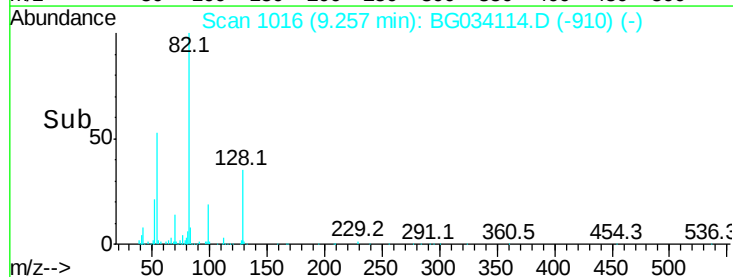
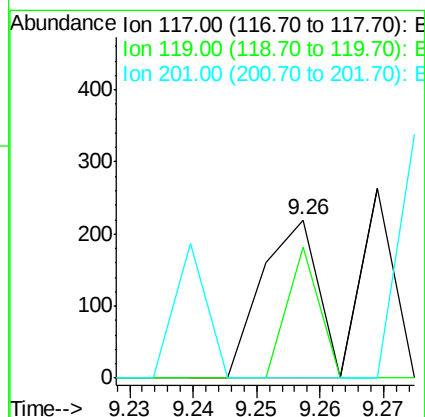
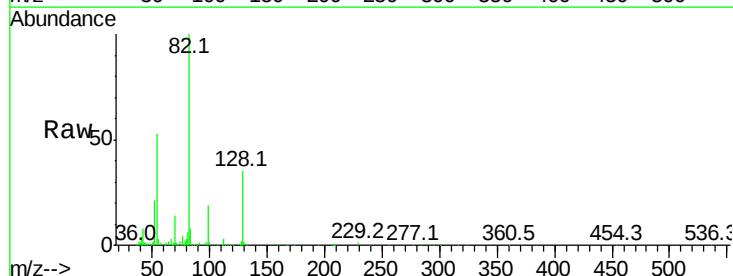
Instrument :
BNA_G
ClientSampleId :
ROBEL-2

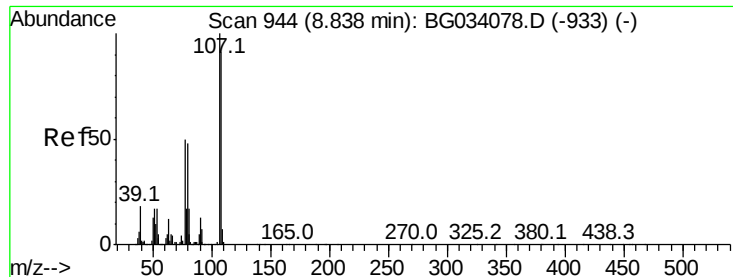
Tot Ion:107 Resp: 83
Ion Ratio Lower Upper
107 100
108 0.0 83.9 125.9#
77 0.0 37.2 55.8#
79 66.7 36.2 54.2#



#18
Hexachloroethane
Concen: 0.057 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.09 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion:117 Resp: 134
Ion Ratio Lower Upper
117 100
119 82.7 76.7 115.1
201 0.0 95.7 143.5#





#20

3+4-Methylphenols

Concen: 0.009 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

Tot Ion:107 Resp: 61

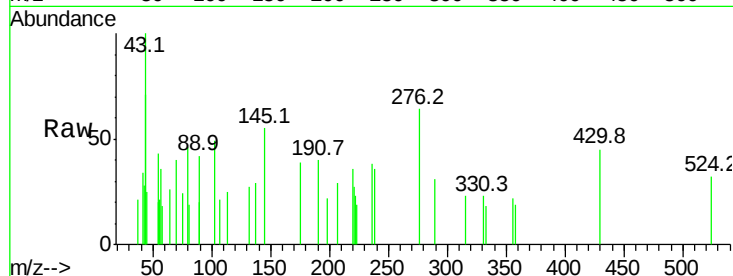
Ion Ratio Lower Upper

107 100

108 0.0 61.6 101.6#

77 0.0 13.9 53.9#

79 0.0 8.8 48.8#

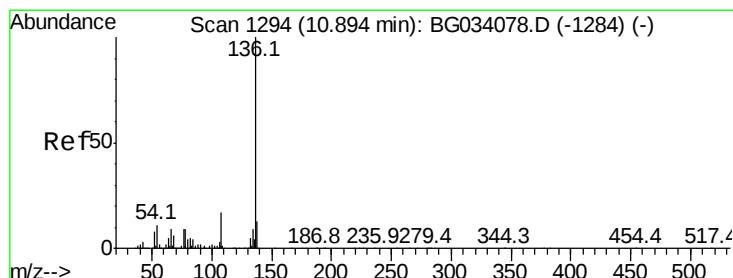
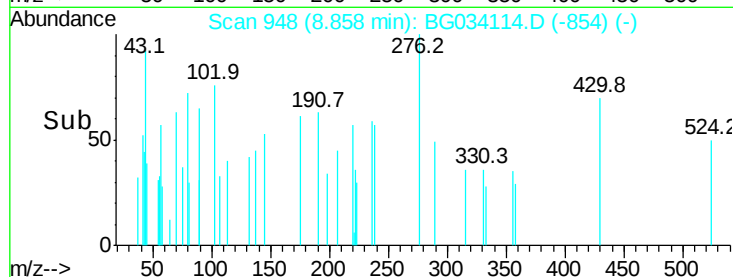
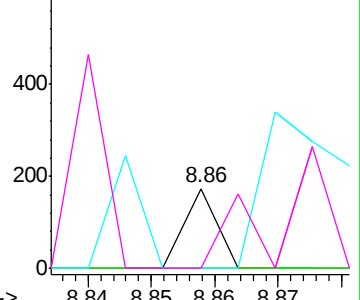


Abundance Ion 107.00 (106.70 to 107.70): E

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# 1294

Delta R.T. -0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Tgt Ion:136 Resp: 277425

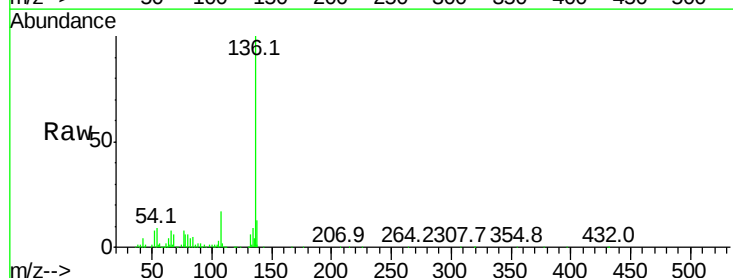
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 9.4 10.3 15.5#

68 6.0 4.5 6.7

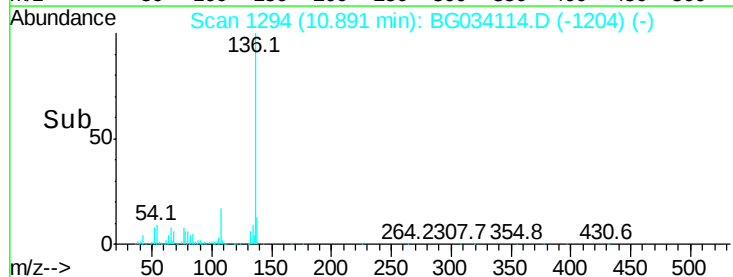
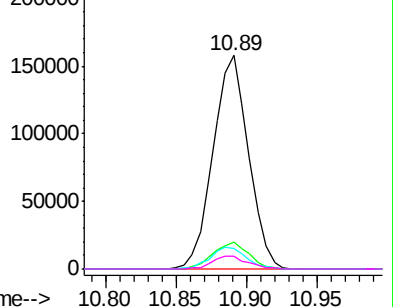


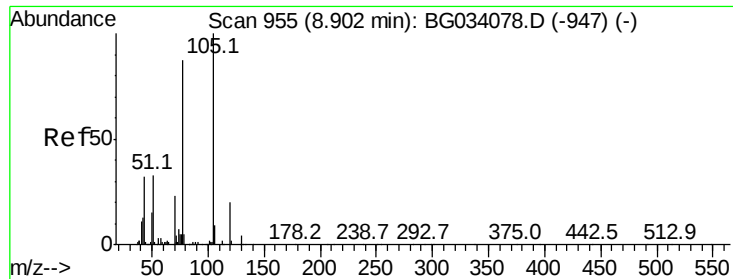
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.142 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

Tot Ion:105 Resp: 1346

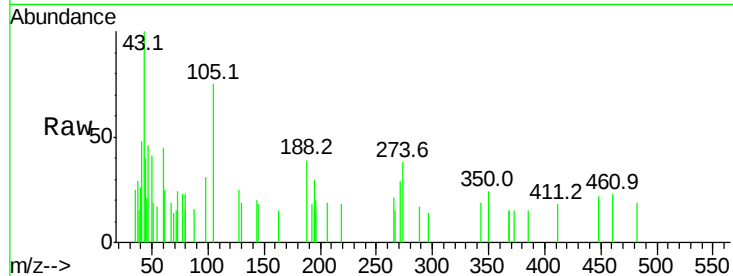
Ion Ratio Lower Upper

105 100

71 19.5 3.0 4.4#

51 25.2 26.1 39.1#

120 0.0 17.4 26.2#

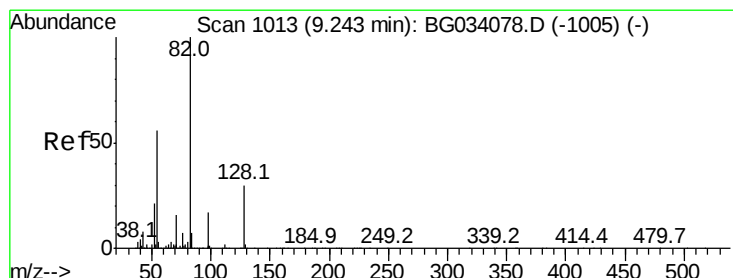
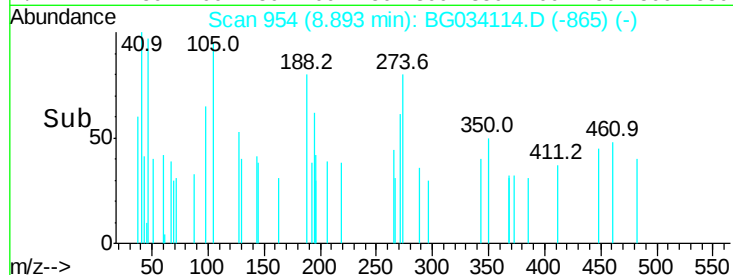
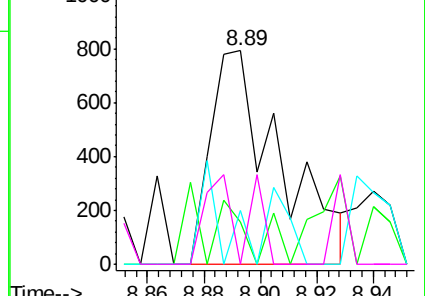


Abundance Ion 105.00 (104.70 to 105.70): E

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: 102.055 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

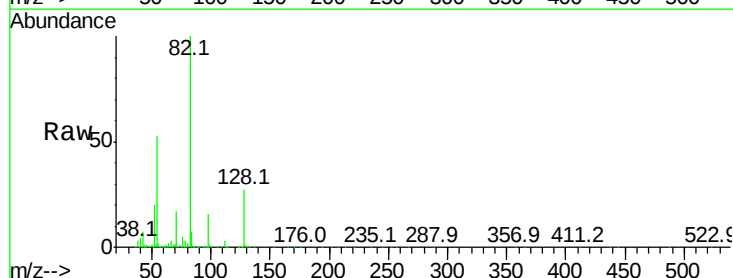
Tgt Ion: 82 Resp: 737920

Ion Ratio Lower Upper

82 100

128 27.2 29.7 44.5#

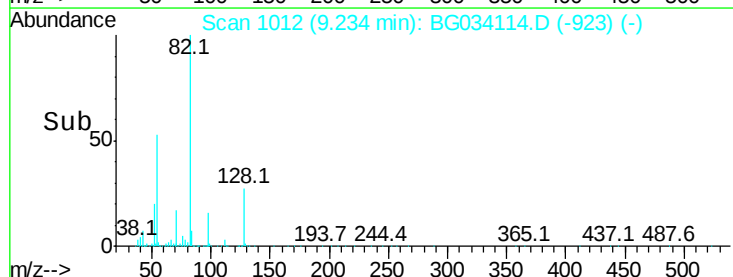
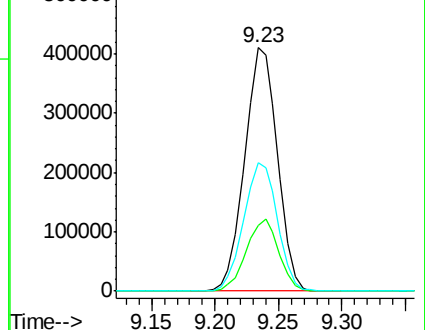
54 52.6 43.1 64.7

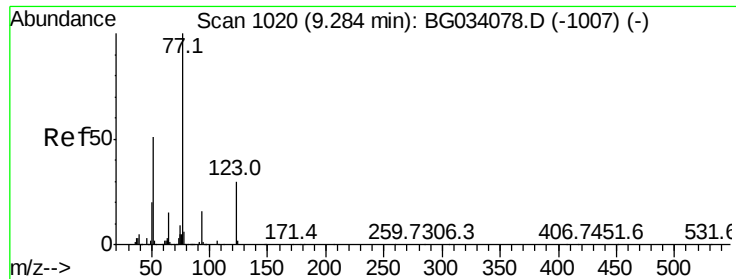


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

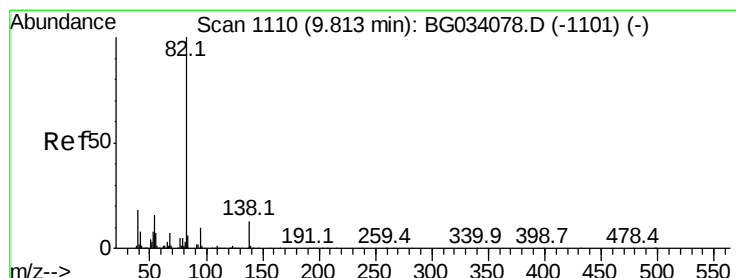
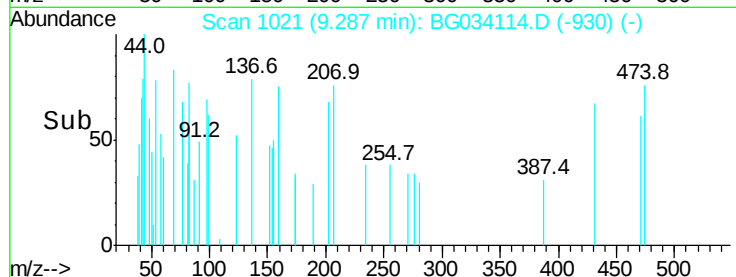
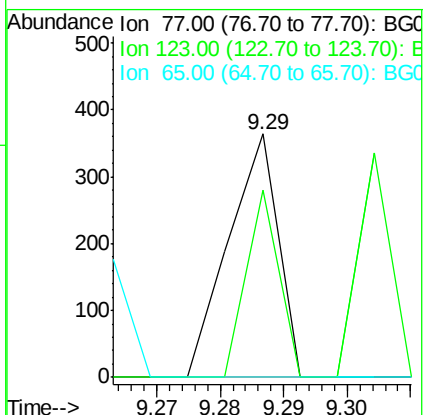
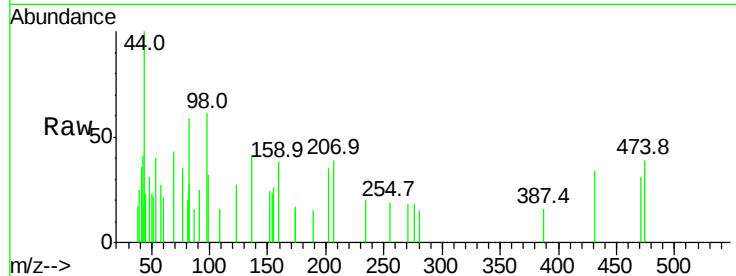




#24
Nitrobenzene
Concen: 0.025 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

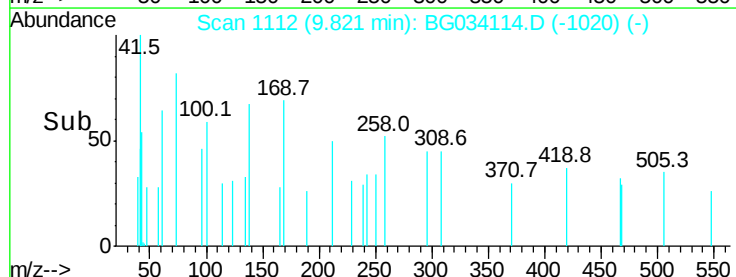
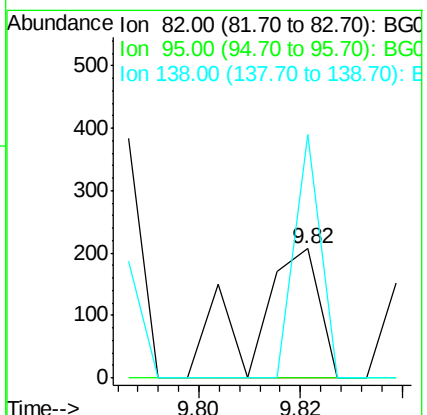
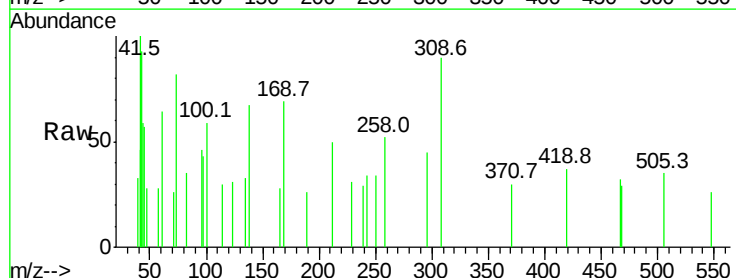
Instrument :
BNA_G
ClientSampled :
ROBEL-2

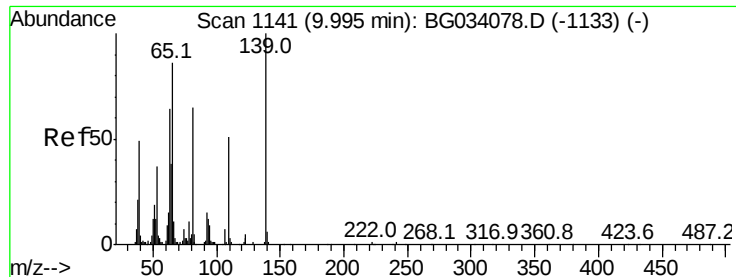
Tot Ion: 77 Resp: 195
Ion Ratio Lower Upper
77 100
123 76.9 33.0 49.6#
65 0.0 13.0 19.6#



#25
Isophorone
Concen: 0.013 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion: 82 Resp: 186
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 188.4 12.1 18.1#





#26

2-Nitrophenol

Concen: 0.035 ng

RT: 10.01 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

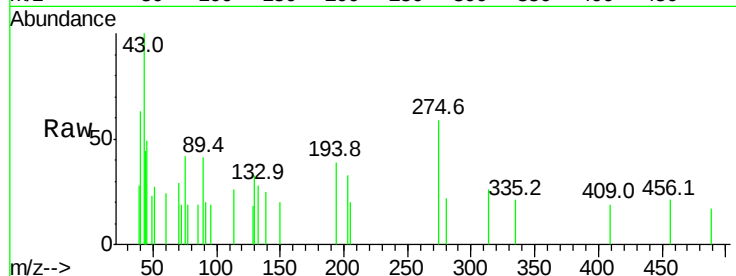
Tot Ion:139 Resp: 76

Ion Ratio Lower Upper

139 100

109 0.0 24.2 36.2#

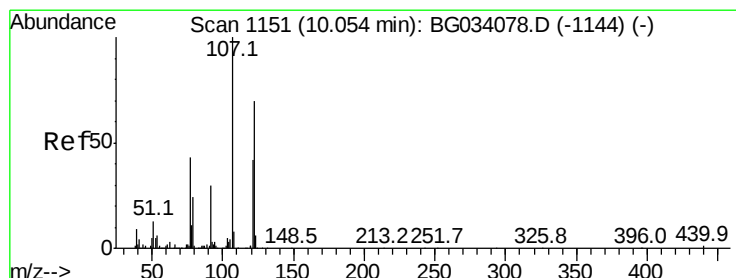
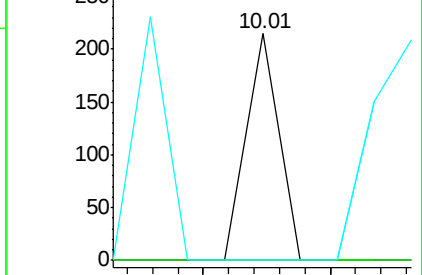
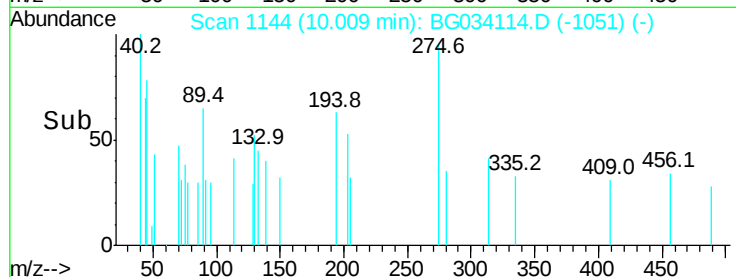
65 0.0 47.4 71.0#



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): B



#27

2,4-Dimethylphenol

Concen: 0.030 ng

RT: 10.10 min Scan# 1160

Delta R.T. 0.05 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

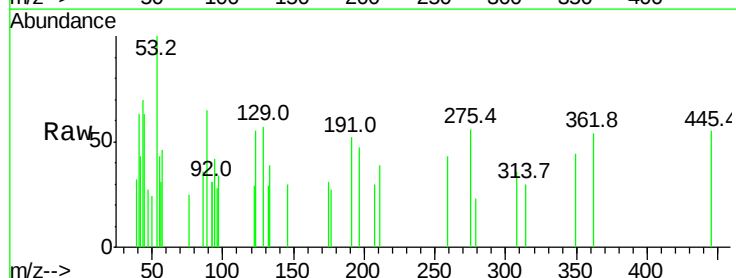
Tgt Ion:122 Resp: 127

Ion Ratio Lower Upper

122 100

107 0.0 100.2 150.2#

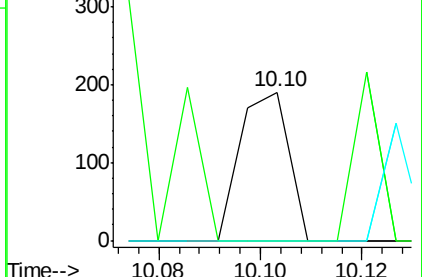
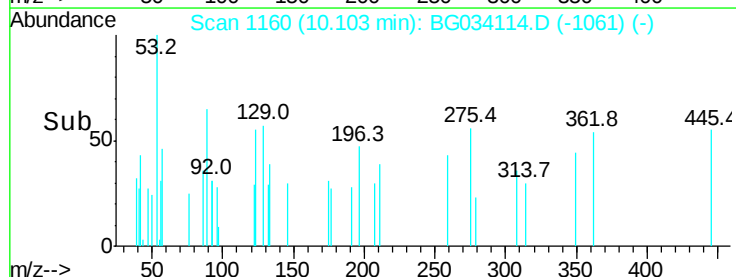
121 0.0 44.4 66.6#

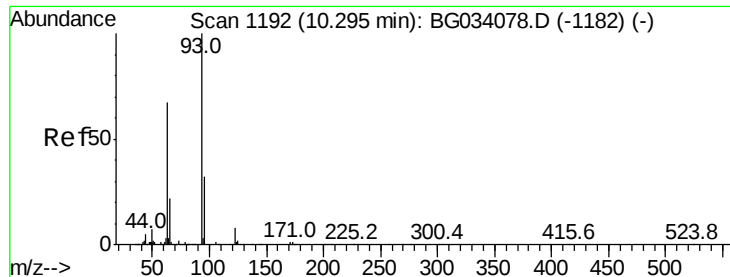


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.010 ng

RT: 10.30 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

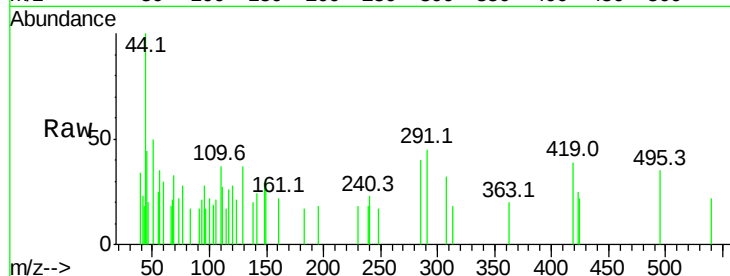
Tot Ion: 93 Resp: 69

Ion Ratio Lower Upper

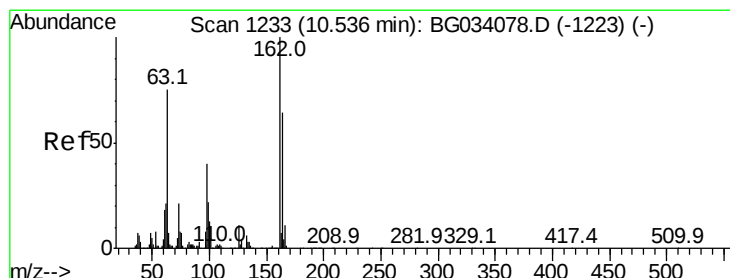
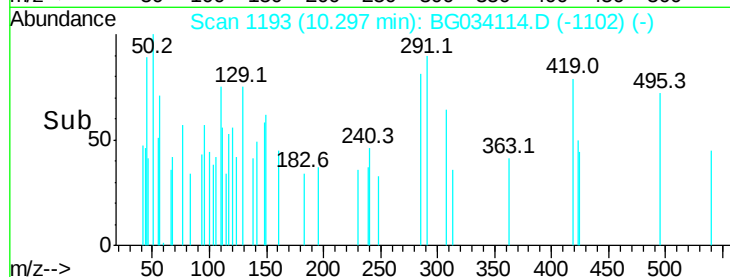
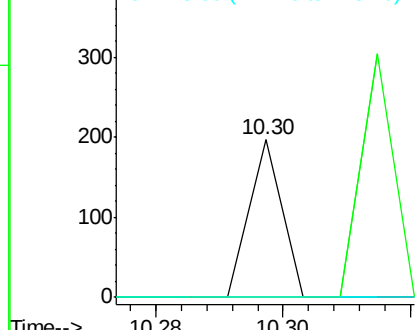
93 100

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): BGC



#29

2,4-Dichlorophenol

Concen: 0.014 ng

RT: 10.61 min Scan# 1247

Delta R.T. 0.08 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

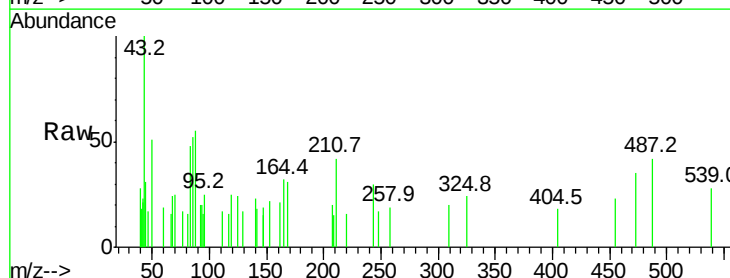
Tgt Ion:162 Resp: 73

Ion Ratio Lower Upper

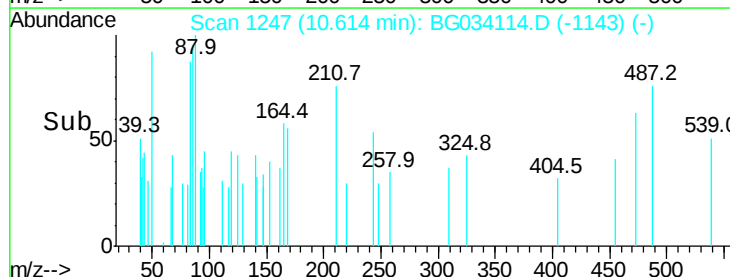
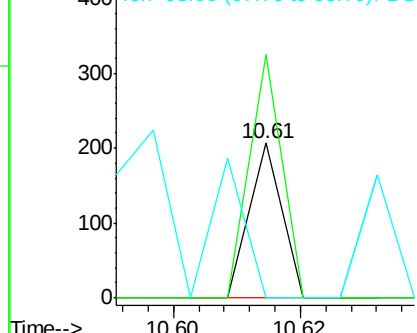
162 100

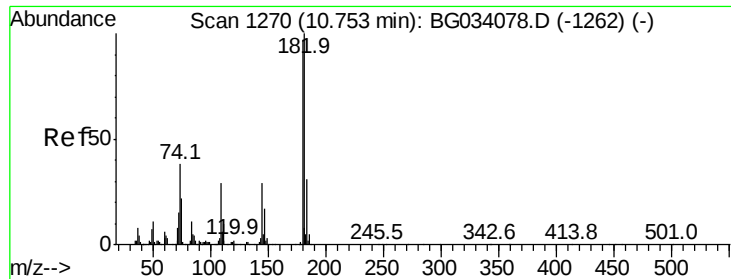
164 157.0 48.0 88.0#

98 0.0 21.1 61.1#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC

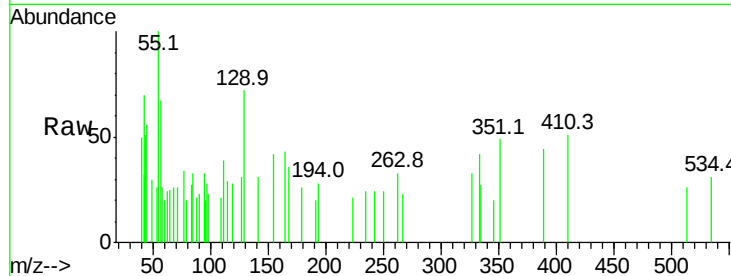




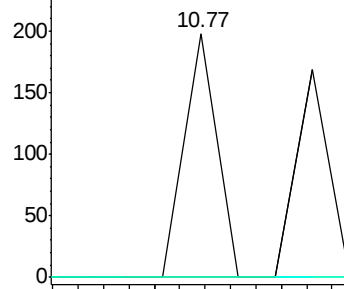
#30
 1,2,4-Trichlorobenzene
 Concen: 0.011 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

Instrument :
 BNA_G
 ClientSampleId :
 ROBEL-2

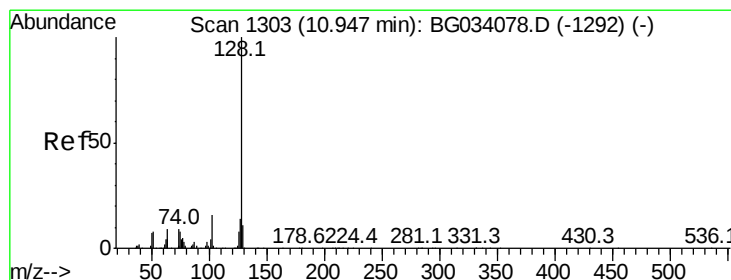
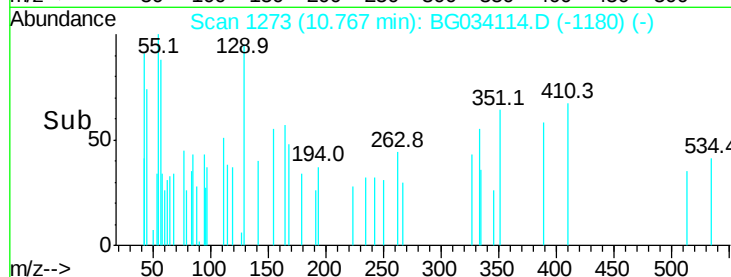
Tot Ion:180 Resp: 70
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.5 116.3#
 145 0.0 23.4 35.2#



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

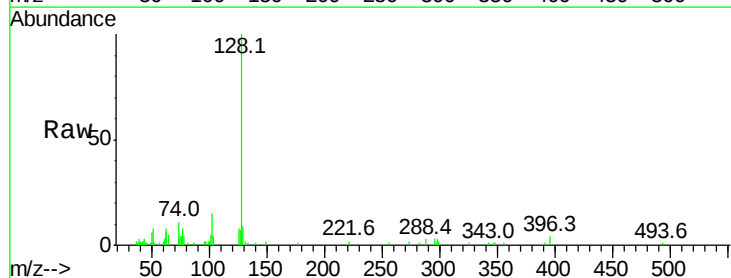


Time-->

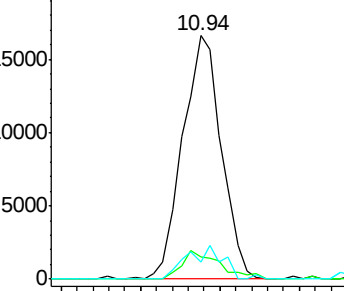


#31
 Naphthalene
 Concen: 1.933 ng
 RT: 10.94 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

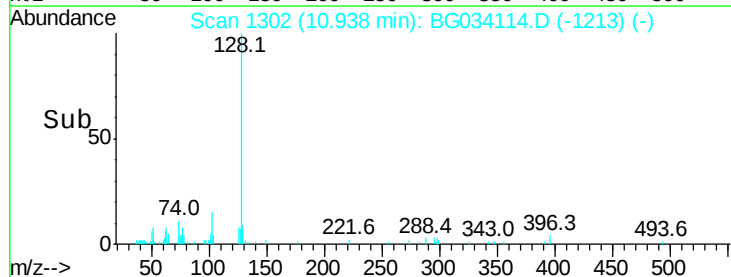
Tgt Ion:128 Resp: 28186
 Ion Ratio Lower Upper
 128 100
 129 9.3 8.6 12.8
 127 7.0 11.6 17.4#

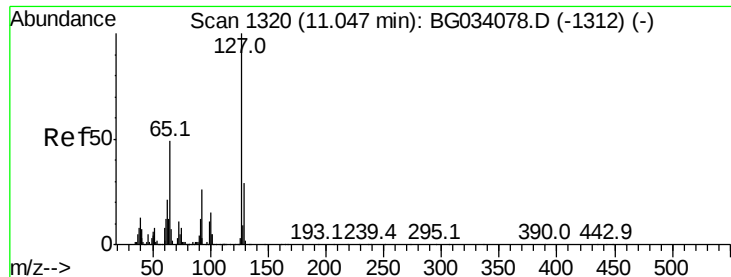


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time-->





#33

4-Chloroaniline

Concen: 0.112 ng

RT: 11.04 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

Tot Ion:127 Resp: 737

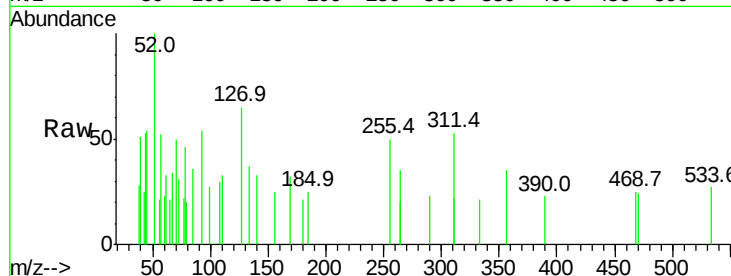
Ion Ratio Lower Upper

127 100

129 0.0 24.0 36.0#

65 32.0 27.0 40.4

92 82.2 16.6 25.0#



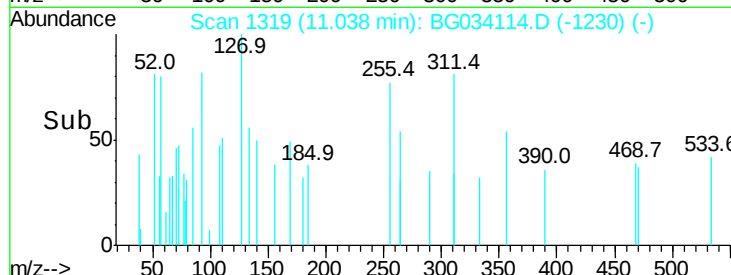
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG

Time-->



Abundance

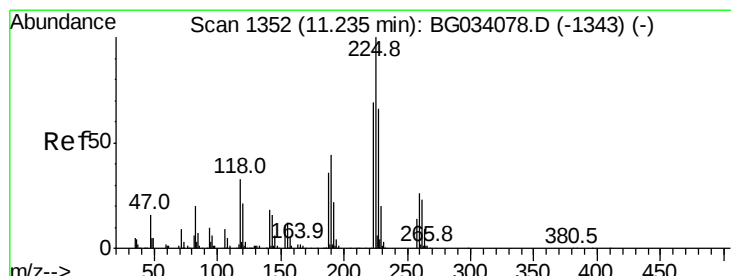
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG

Time-->



#34

Hexachlorobutadiene

Concen: 0.013 ng

RT: 11.20 min Scan# 1346

Delta R.T. -0.04 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

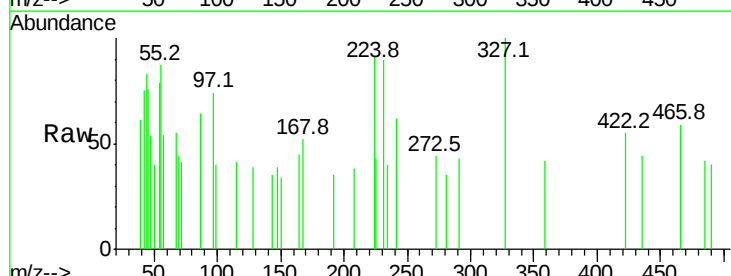
Tgt Ion:225 Resp: 67

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

227 0.0 48.1 72.1#

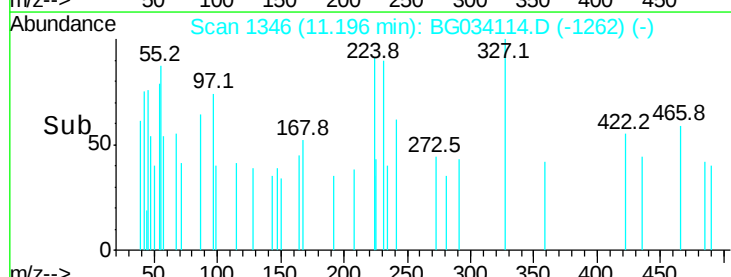


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time-->



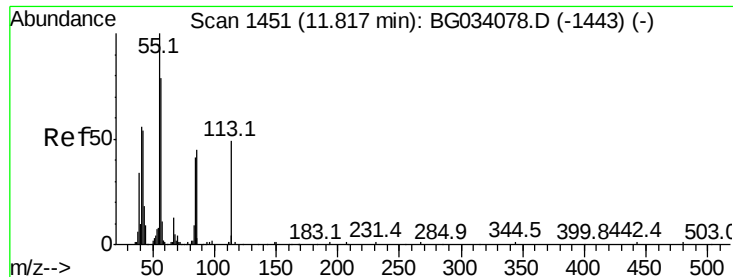
Abundance

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

Time-->



#35

Caprolactam

Concen: 0.049 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

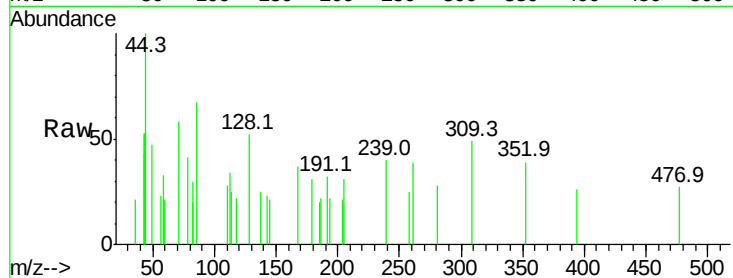
Tot Ion:113 Resp: 88

Ion Ratio Lower Upper

113 100

55 0.0 186.9 226.9#

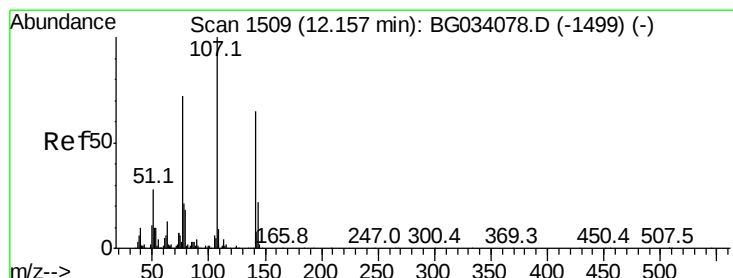
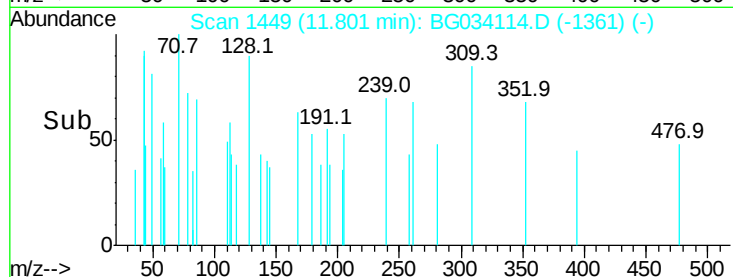
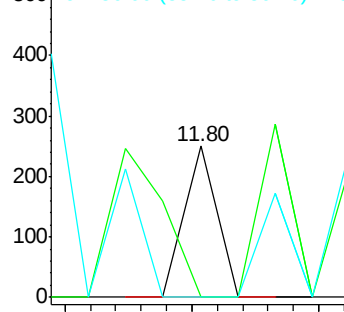
56 0.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.017 ng

RT: 12.11 min Scan# 1501

Delta R.T. -0.05 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

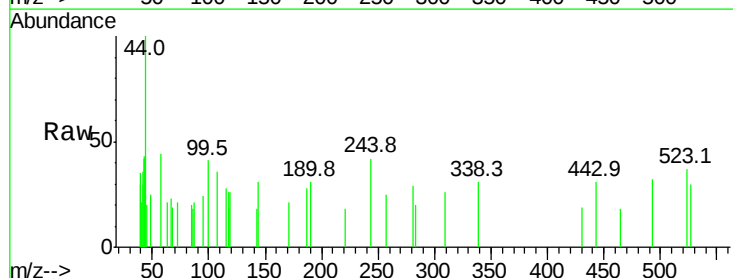
Tgt Ion:107 Resp: 109

Ion Ratio Lower Upper

107 100

144 85.4 18.2 27.4#

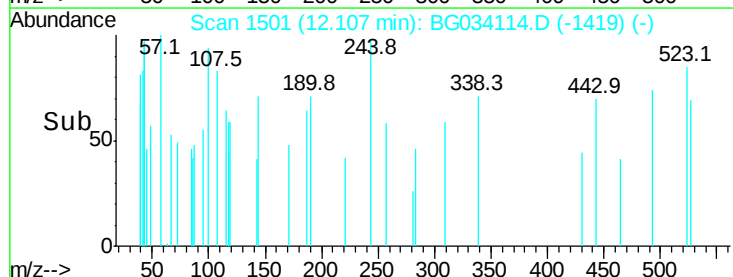
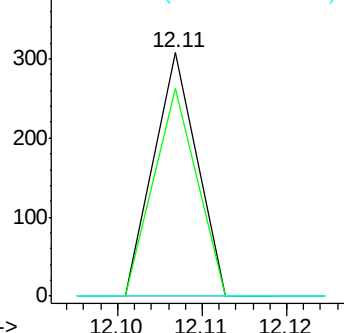
142 0.0 59.0 88.4#

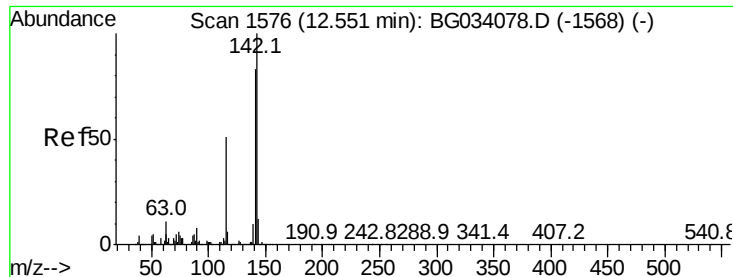


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

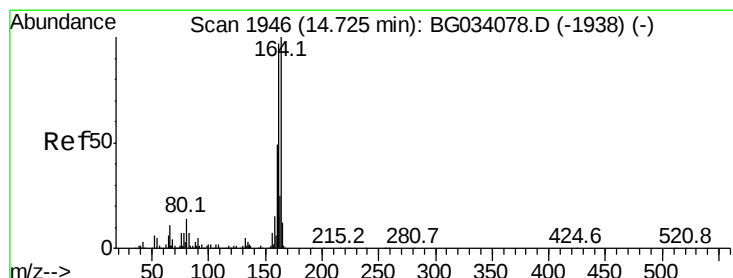
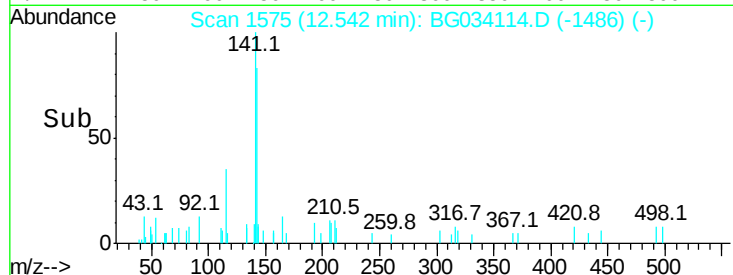
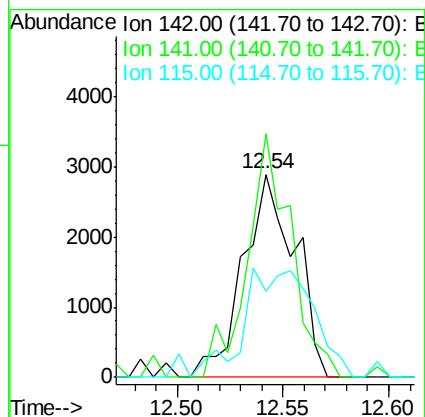
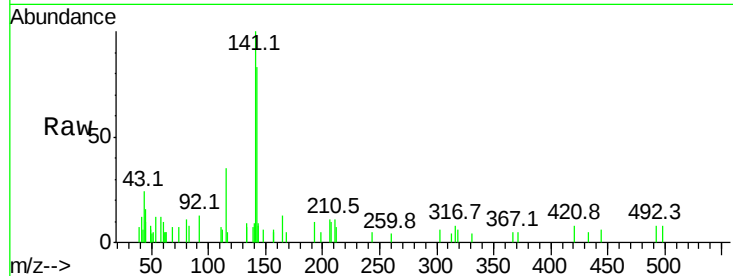




#37
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

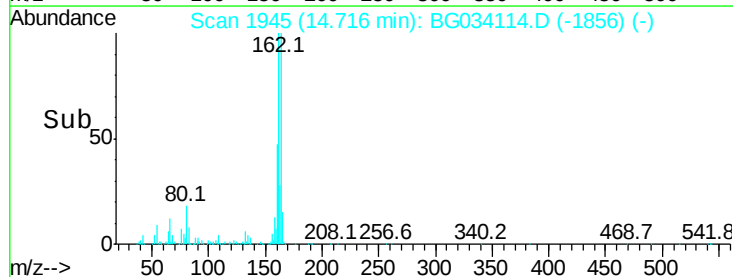
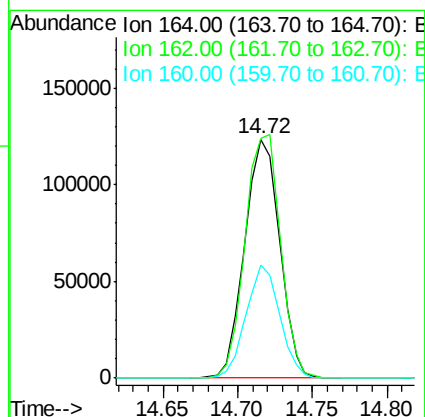
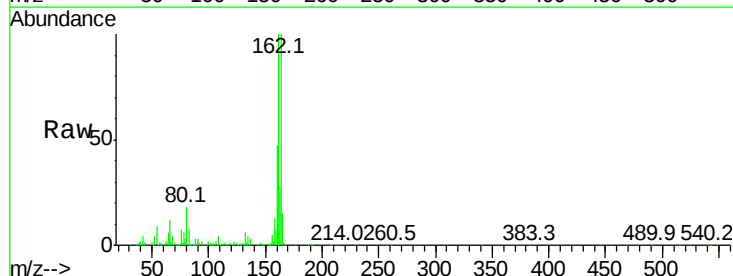
Instrument :
BNA_G
ClientSampleId :
ROBEL-2

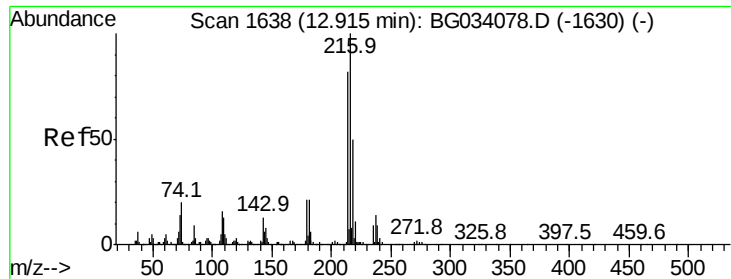
Tot Ion:142 Resp: 4923
Ion Ratio Lower Upper
142 100
141 120.0 67.1 100.7#
115 42.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion:164 Resp: 200656
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 47.1 35.4 53.0

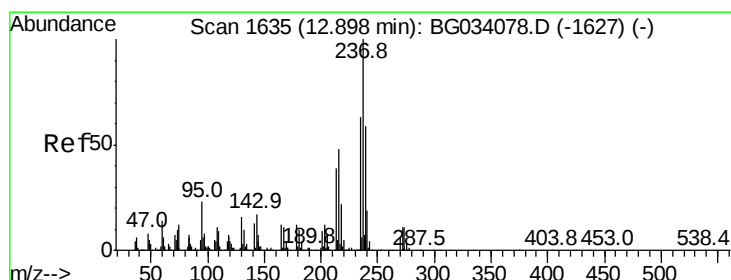
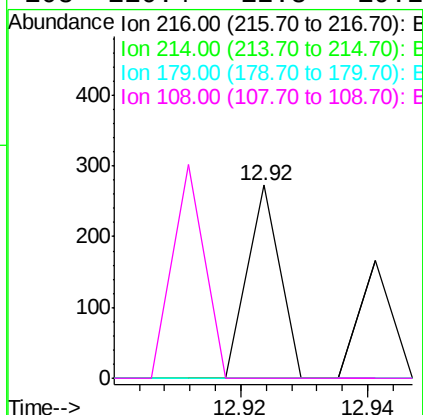
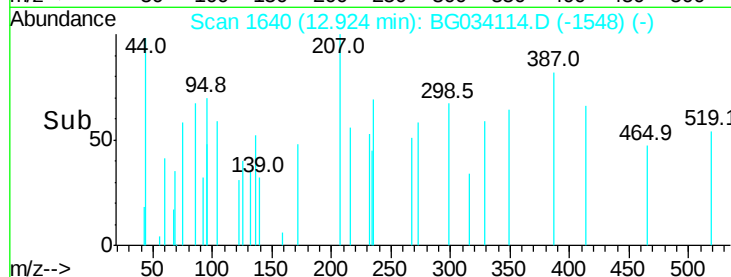
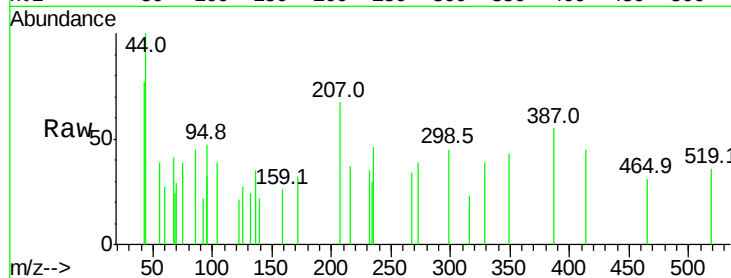




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.012 ng
 RT: 12.92 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

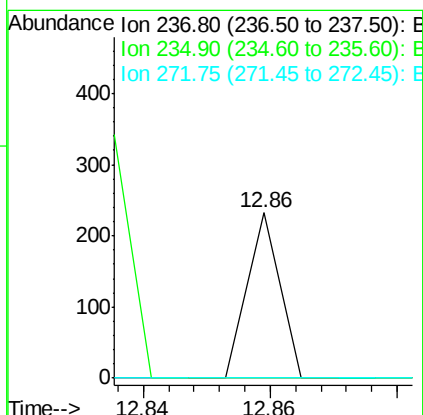
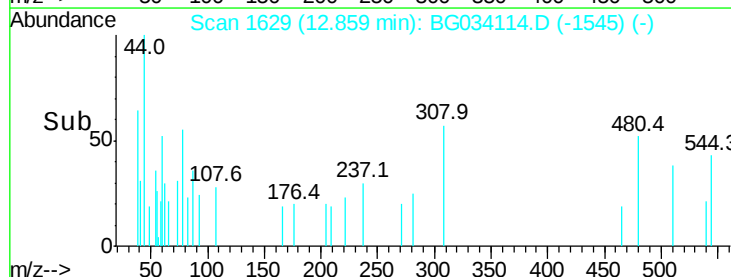
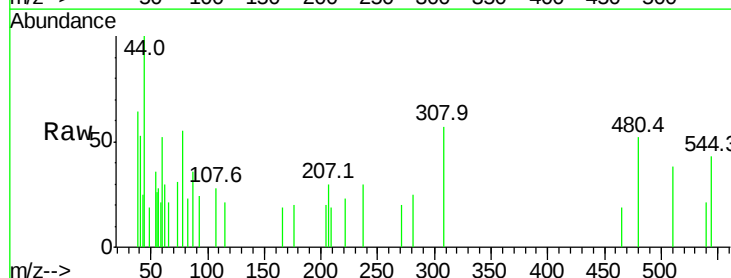
Instrument :
 BNA_G
 ClientSampleId :
 ROBEL-2

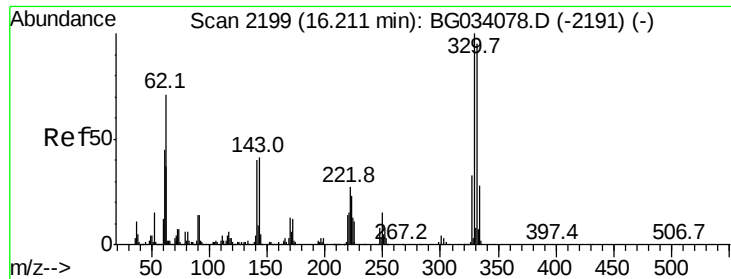
Tot Ion:216 Resp: 96
 Ion Ratio Lower Upper
 216 100
 214 0.0 63.0 94.4#
 179 0.0 17.0 25.6#
 108 110.4 12.8 19.2#



#40
 Hexachlorocyclopentadiene
 Concen: 0.018 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.04 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

Tgt Ion:237 Resp: 82
 Ion Ratio Lower Upper
 237 100
 235 0.0 50.4 90.4#
 272 0.0 0.0 31.8

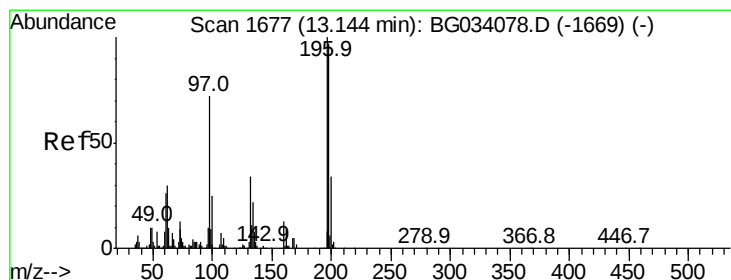
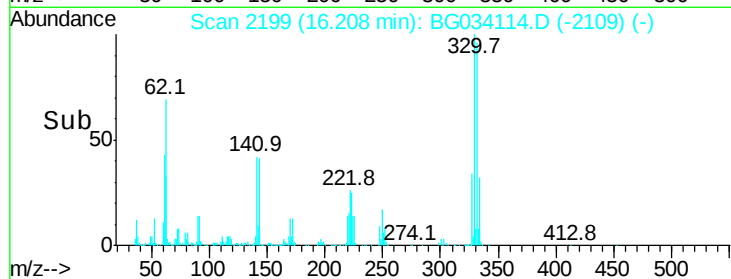
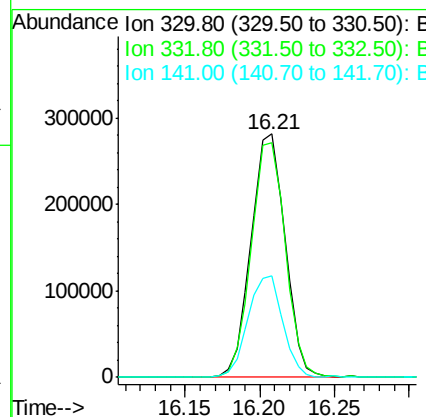
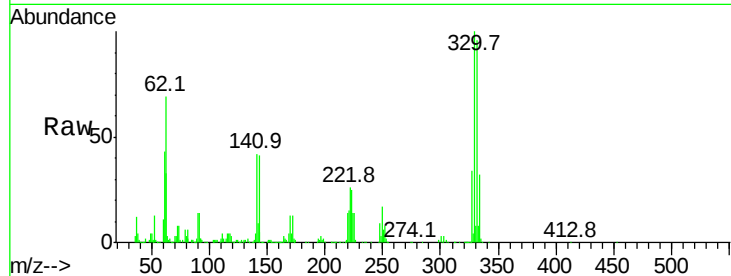




#41
 2,4,6-Tribromophenol
 Concen: 160.025 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

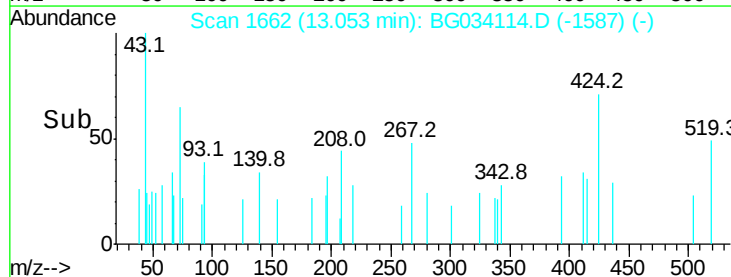
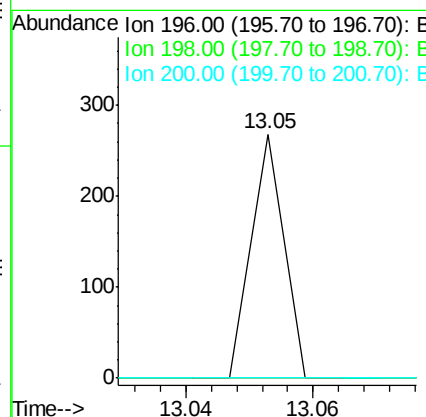
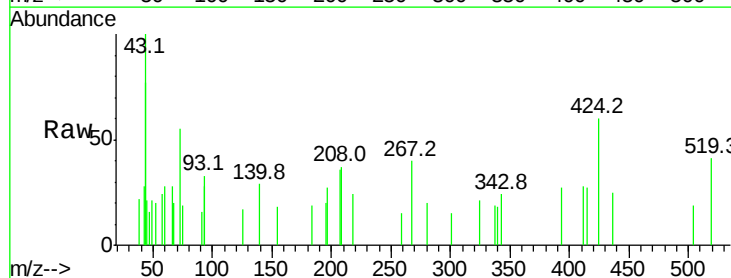
Instrument :
 BNA_G
 ClientSampleId :
 ROBEL-2

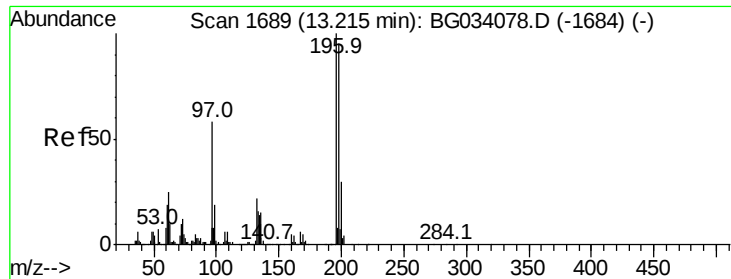
Tot Ion:330 Resp: 444630
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 42.6 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 0.021 ng
 RT: 13.05 min Scan# 1662
 Delta R.T. -0.09 min
 Lab File: BG034114.D
 Acq: 2 May 2018 13:44

Tgt Ion:196 Resp: 94
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 24.6 36.8#

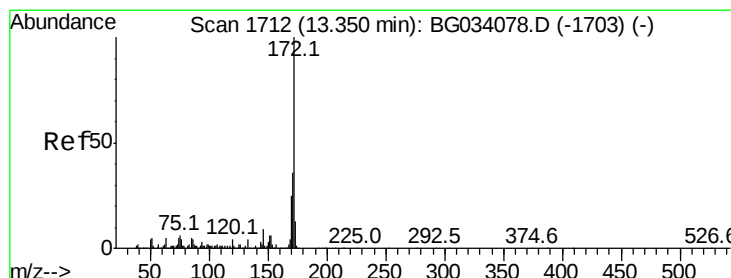
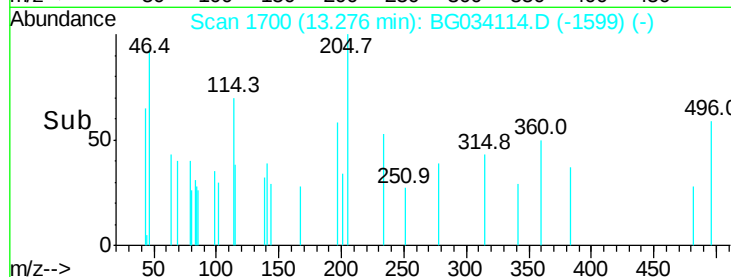
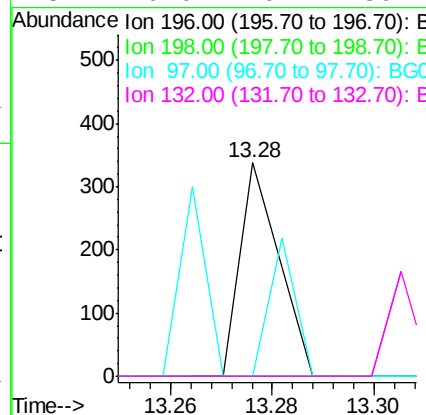
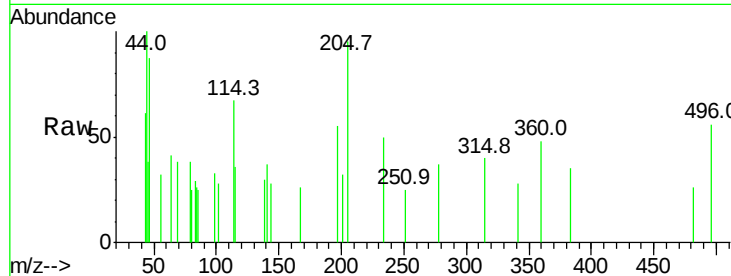




#43
2,4,5-Trichlorophenol
Concen: 0.036 ng
RT: 13.28 min Scan# 1700
Delta R.T. 0.06 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

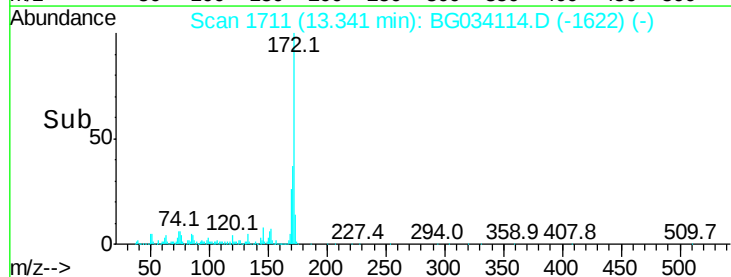
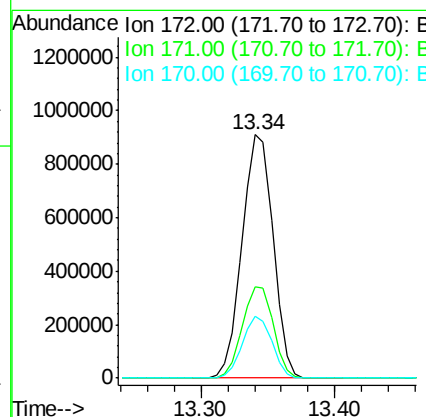
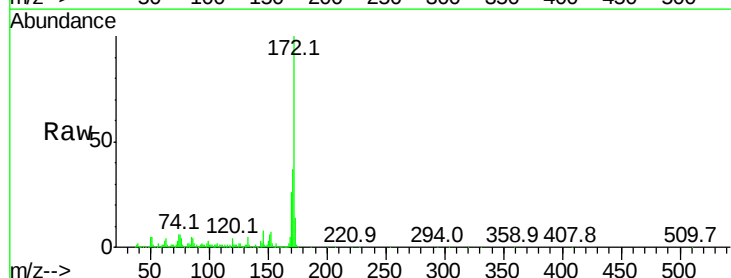
Instrument :
BNA_G
ClientSampled :
ROBEL-2

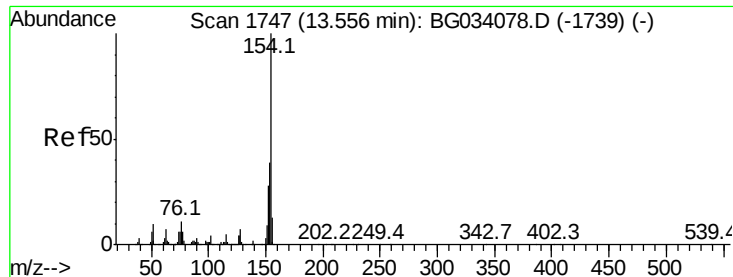
Tot Ion:196 Resp: 180
Ion Ratio Lower Upper
196 100
198 0.0 76.2 114.4#
97 0.0 38.7 58.1#
132 0.0 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 106.068 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion:172 Resp: 1460598
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 25.6 19.5 29.3





#45

1,1'-Biphenyl

Concen: 0.302 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

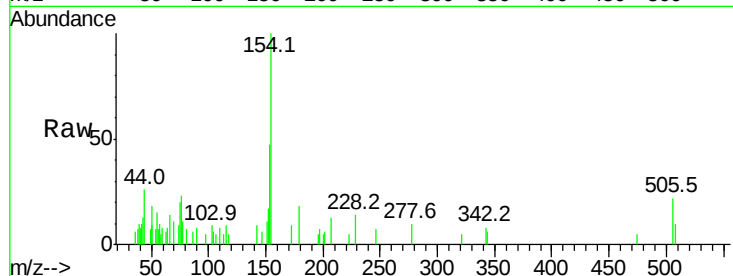
Tot Ion:154 Resp: 4736

Ion Ratio Lower Upper

154 100

153 46.6 19.8 59.8

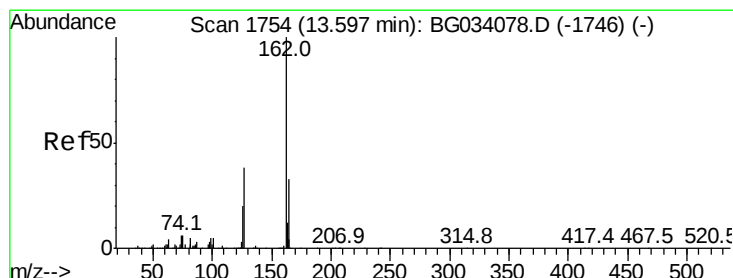
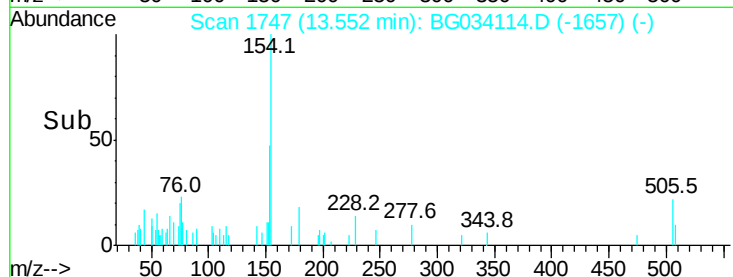
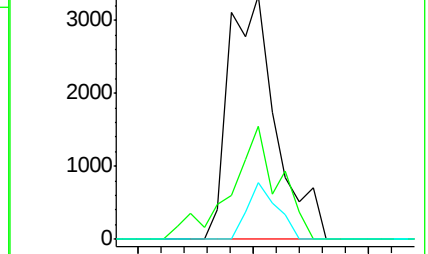
76 23.1 0.0 31.9



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): B



#46

2-Chloronaphthalene

Concen: 0.007 ng

RT: 13.62 min Scan# 1759

Delta R.T. 0.03 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

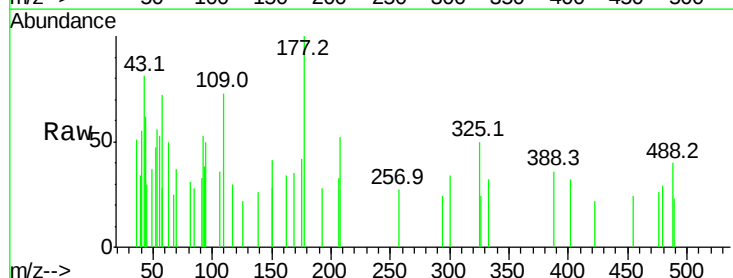
Tgt Ion:162 Resp: 82

Ion Ratio Lower Upper

162 100

127 0.0 30.7 46.1#

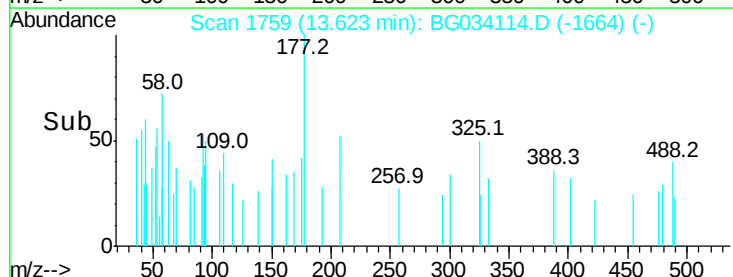
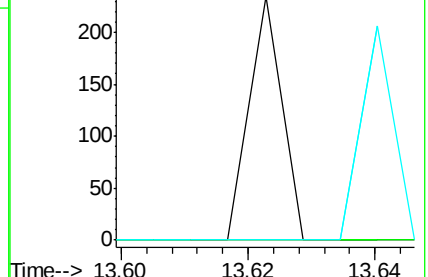
164 0.0 26.0 39.0#

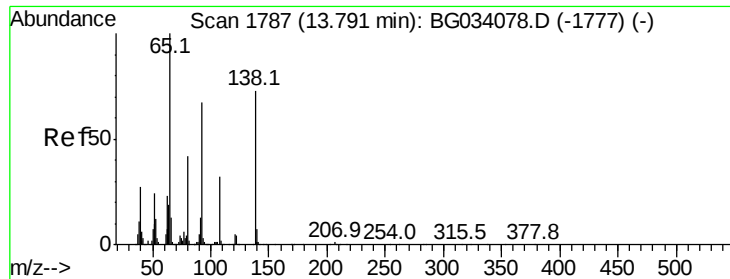


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.039 ng

RT: 13.82 min Scan# 1793

Delta R.T. 0.03 min

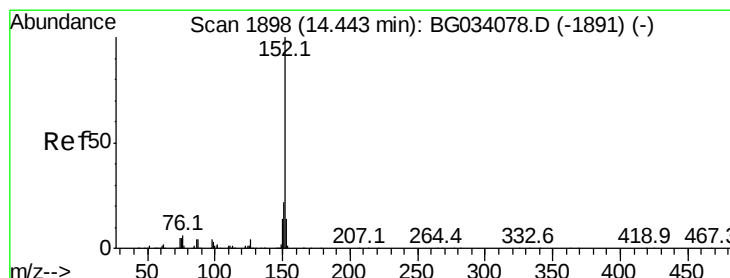
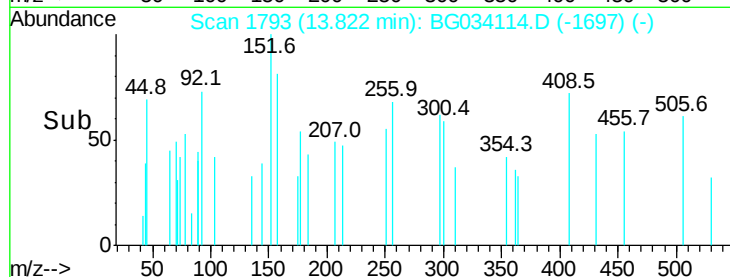
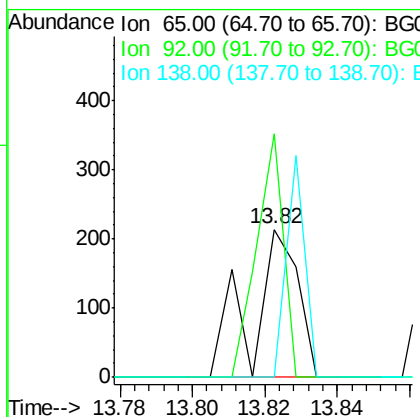
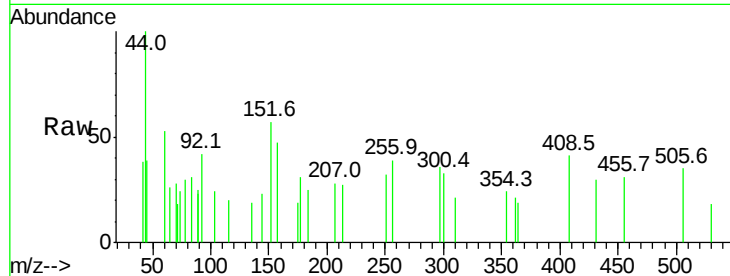
Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :
BNA_G
ClientSampleId :
ROBEL-2

Tot Ion: 65 Resp: 186

Ion	Ratio	Lower	Upper
65	100		
92	164.5	54.6	82.0#
138	0.0	72.9	109.3#



#48

Acenaphthylene

Concen: 0.064 ng

RT: 14.44 min Scan# 1898

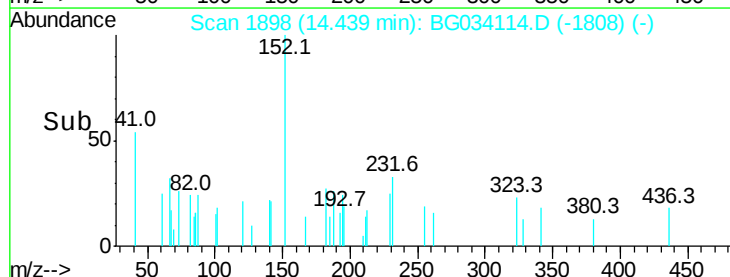
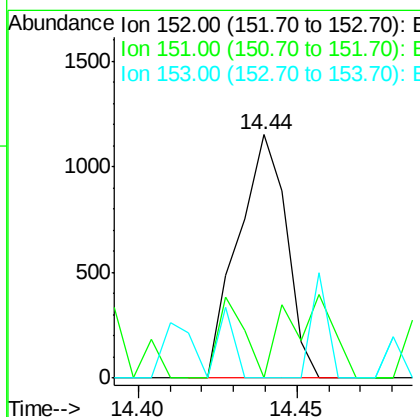
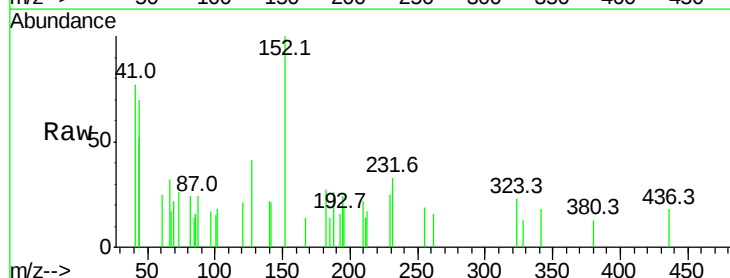
Delta R.T. -0.00 min

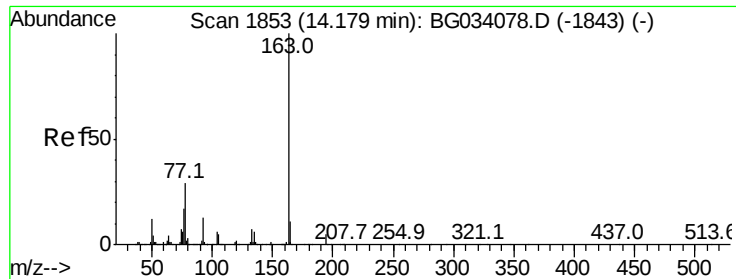
Lab File: BG034114.D

Acq: 2 May 2018 13:44

Tgt Ion: 152 Resp: 1219

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.2	15.4#





#49

Dimethylphthalate

Concen: 0.015 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.07 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

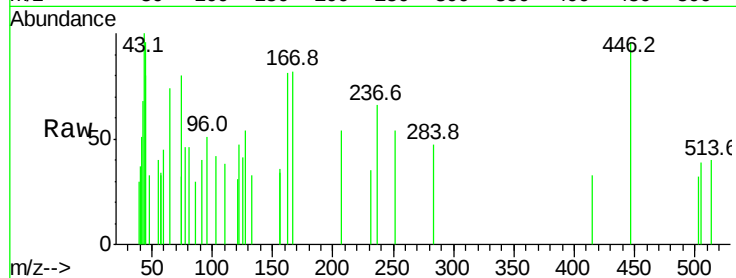
Tot Ion:163 Resp: 255

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

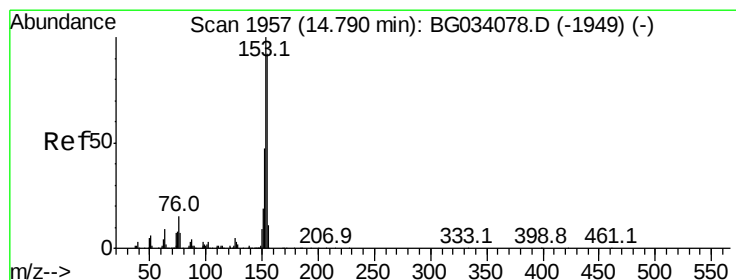
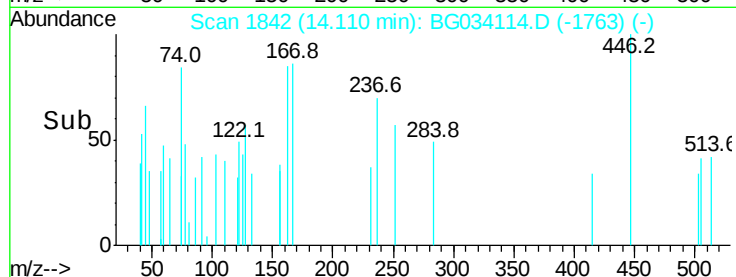
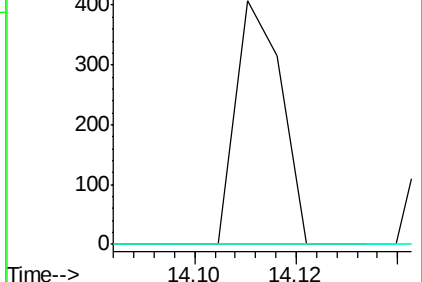
164 0.0 8.2 12.4#



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: 0.318 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

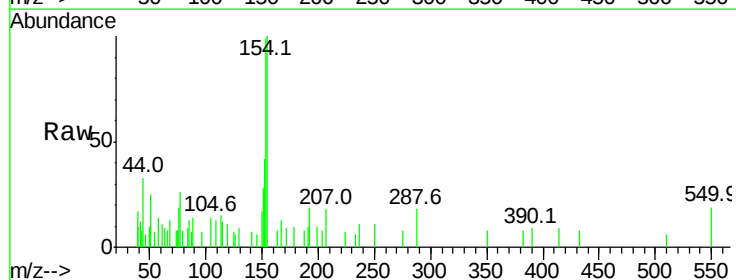
Tgt Ion:154 Resp: 4089

Ion Ratio Lower Upper

154 100

153 99.3 90.4 135.6

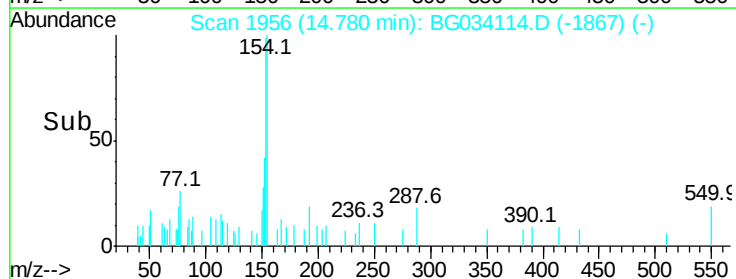
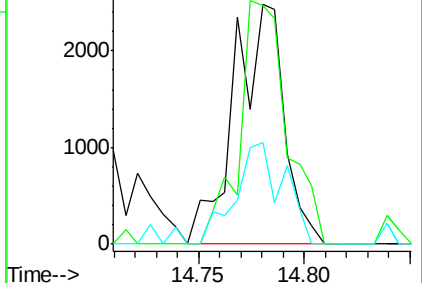
152 42.3 41.6 62.4

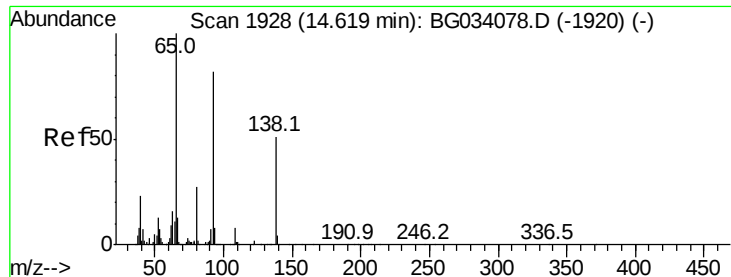


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.031 ng

RT: 14.59 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

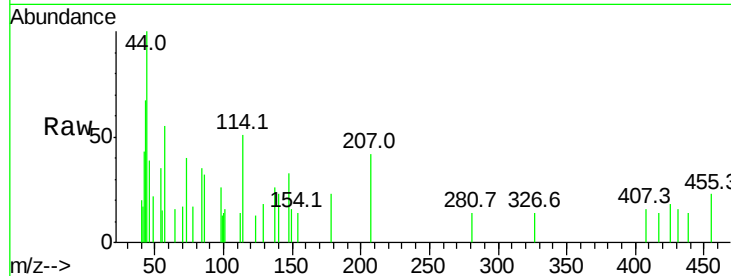
Tot Ion:138 Resp: 105

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

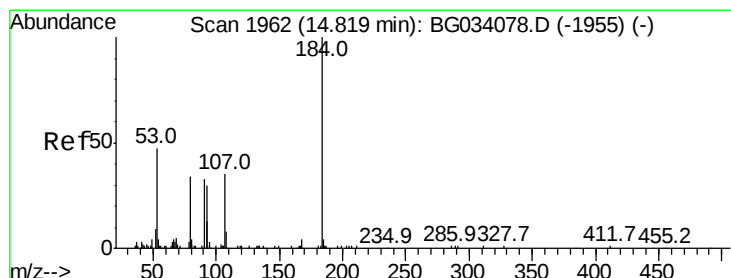
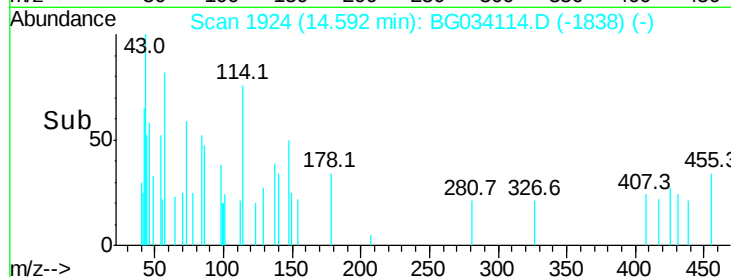
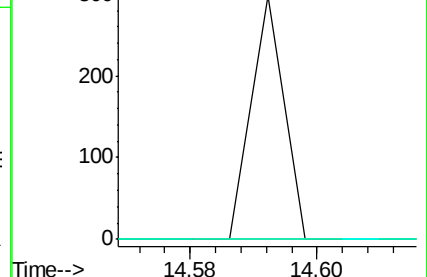
92 0.0 105.8 158.8#



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: 0.046 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

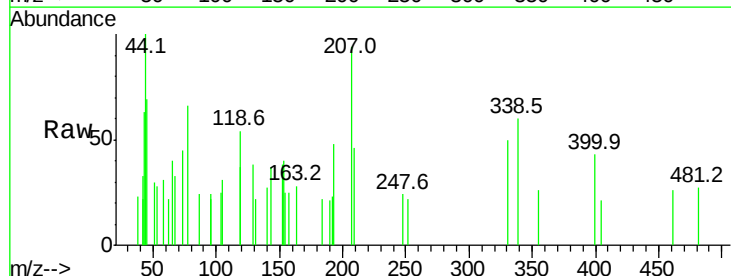
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

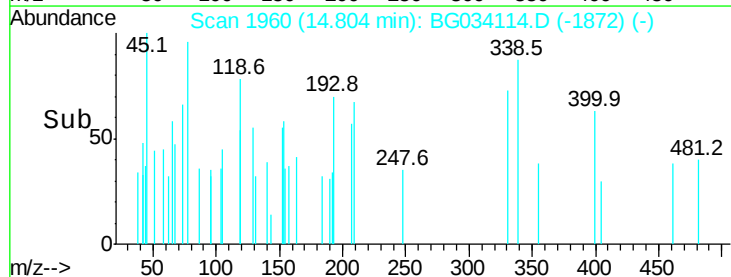
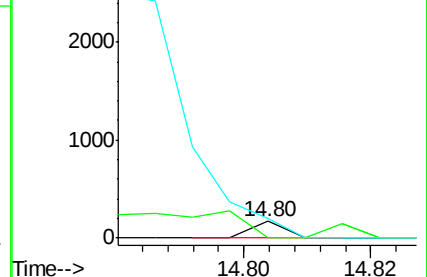
154 114.8 101.8 152.8

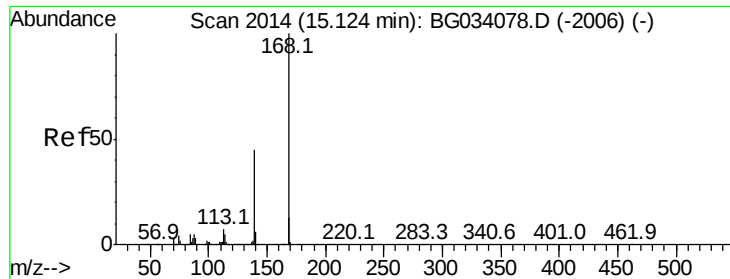


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 0.242 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampled :

ROBEL-2

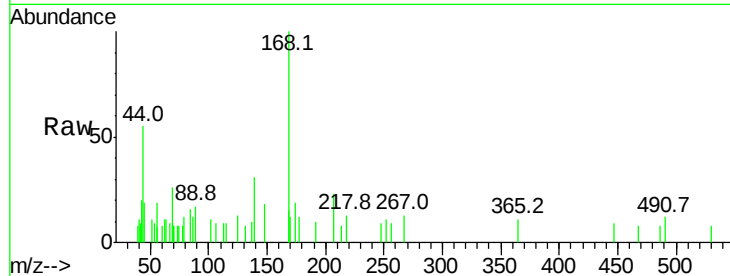
Tot Ion:168 Resp: 4527

Ion Ratio Lower Upper

168 100

139 30.5 28.6 43.0

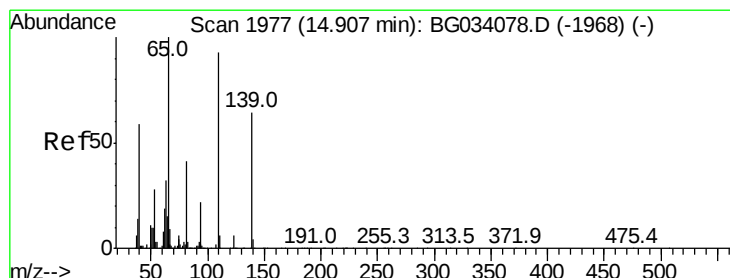
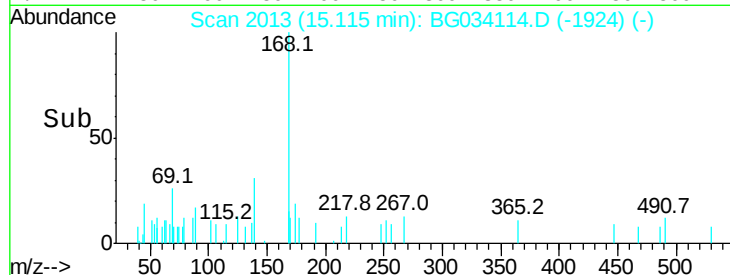
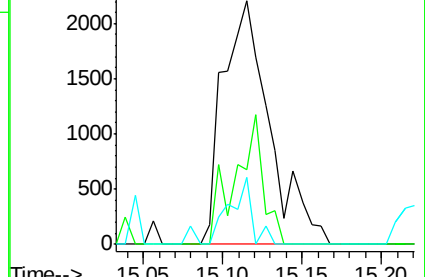
169 27.7 11.2 16.8#



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: 0.024 ng

RT: 14.96 min Scan# 1986

Delta R.T. 0.05 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

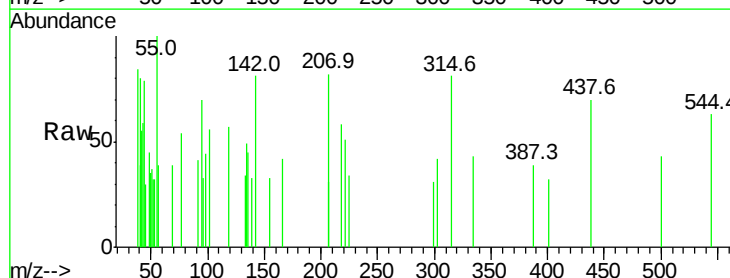
Tgt Ion:139 Resp: 62

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

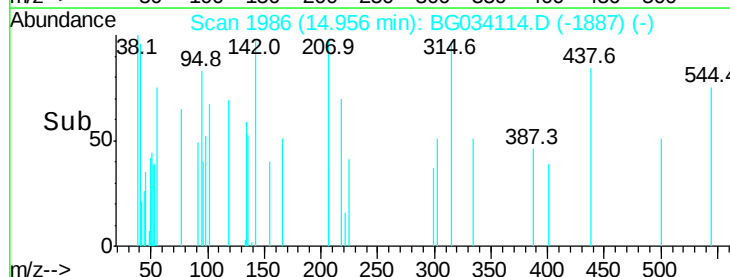
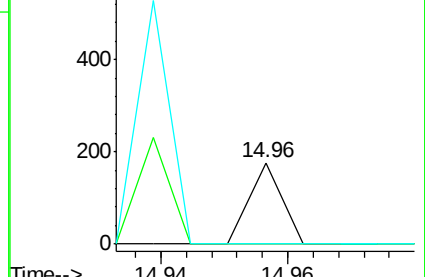
65 0.0 97.2 137.2#

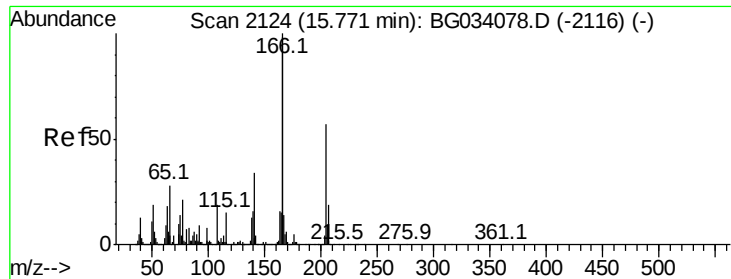


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

Fluorene

Concen: 0.204 ng

RT: 15.77 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampled :

ROBEL-2

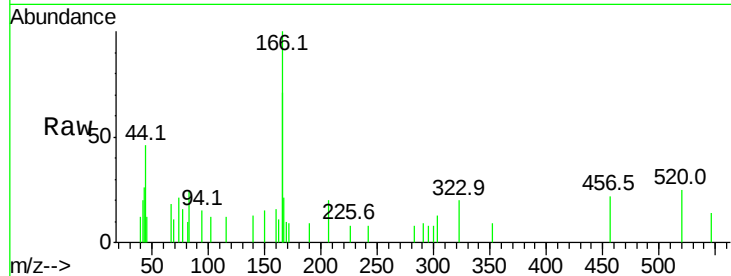
Tot Ion:166 Resp: 3316

Ion Ratio Lower Upper

166 100

165 71.1 80.6 121.0#

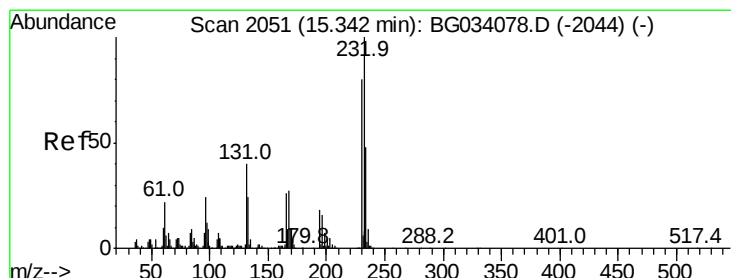
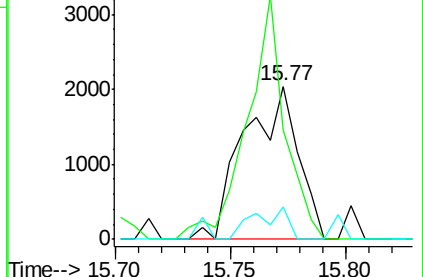
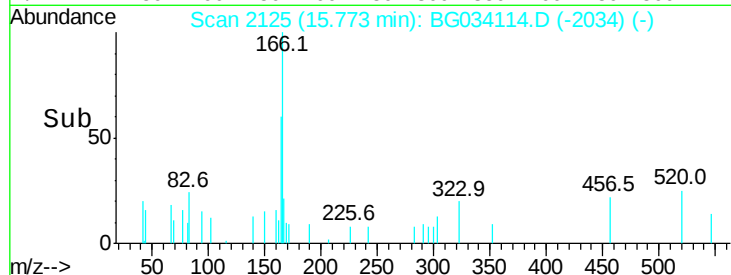
167 21.3 10.4 15.6#



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: 0.011 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Tgt Ion:232 Resp: 57

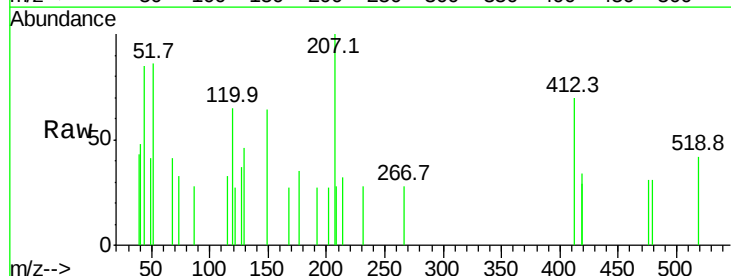
Ion Ratio Lower Upper

232 100

131 0.0 33.5 50.3#

130 0.0 2.2 3.2#

166 0.0 24.8 37.2#

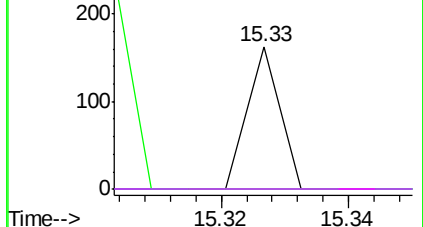
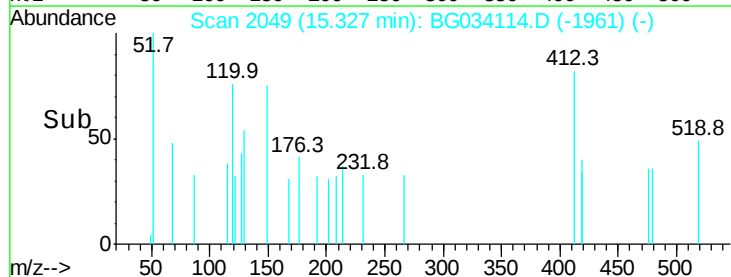


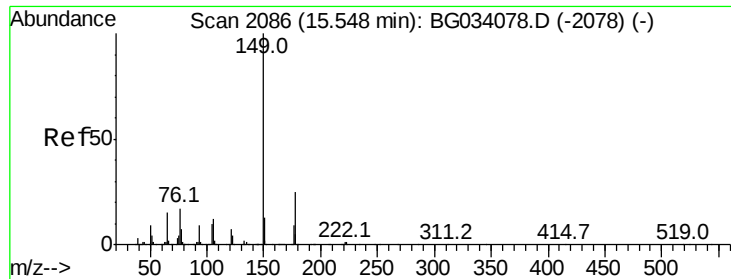
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 0.030 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

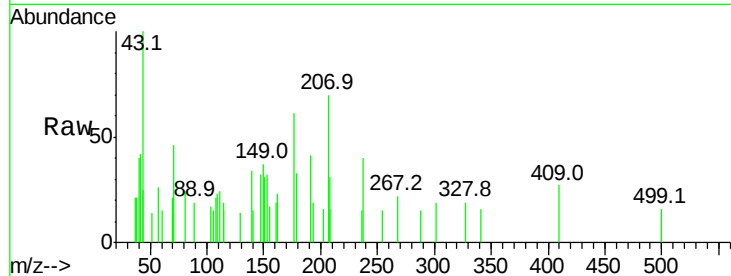
Tot Ion:149 Resp: 557

Ion Ratio Lower Upper

149 100

177 163.8 18.5 27.7#

150 82.9 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

800

600

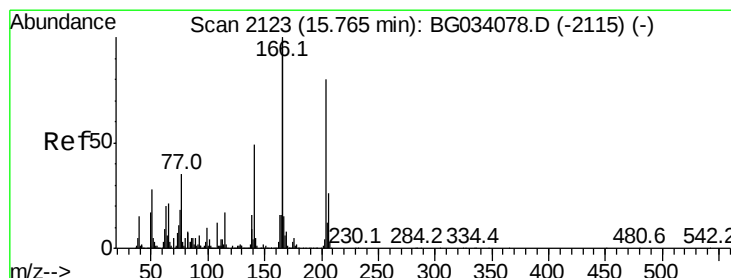
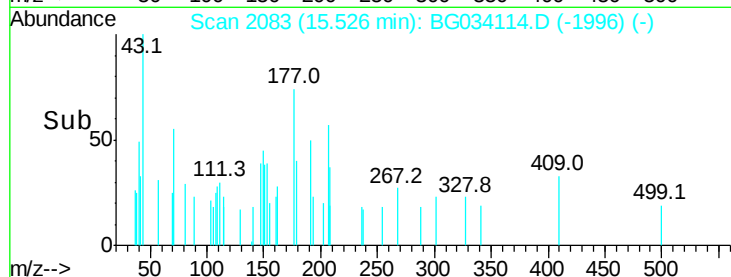
400

200

0

15.50 15.53 15.55

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 0.012 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.03 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

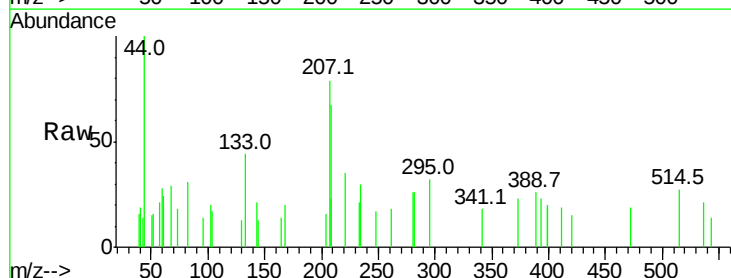
Tgt Ion:204 Resp: 121

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

600

500

400

300

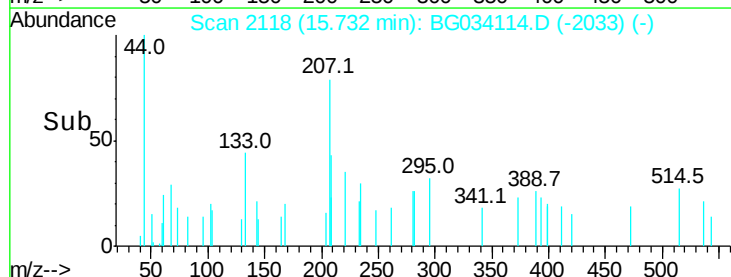
200

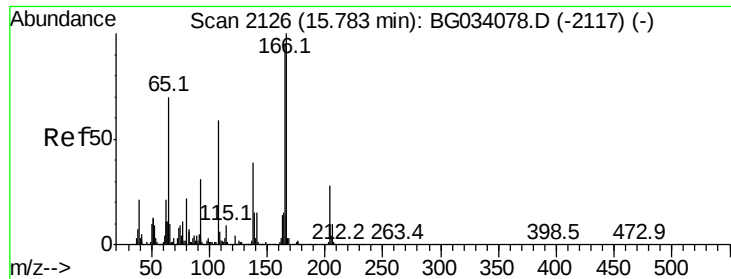
100

0

15.72 15.73 15.74 15.76

Time-->

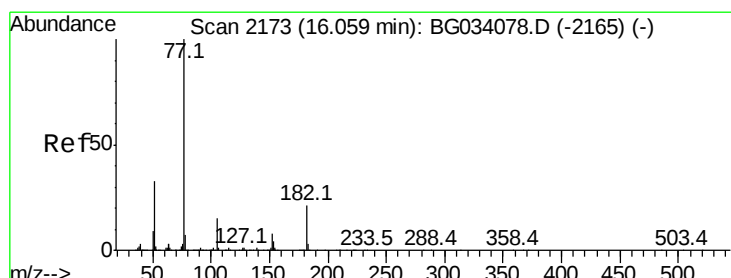
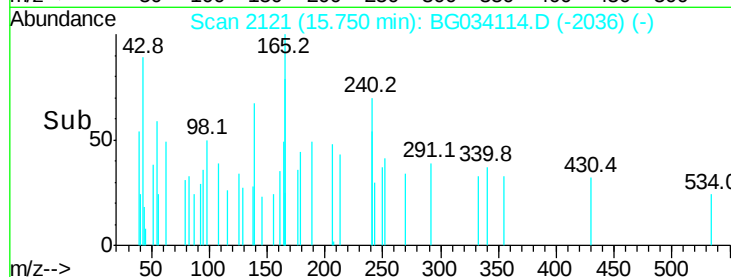
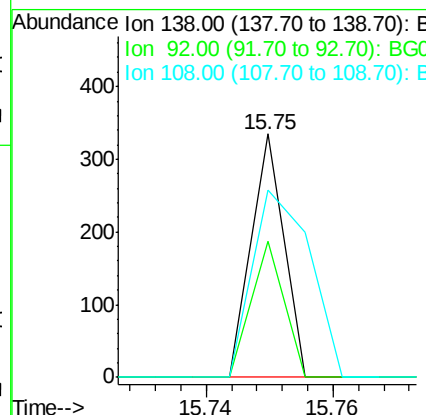
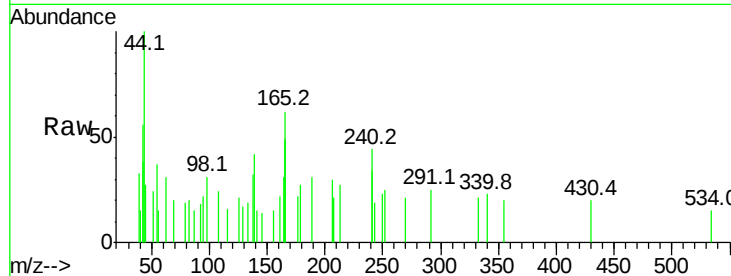




#61
4-Nitroaniline
Concen: 0.033 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.03 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

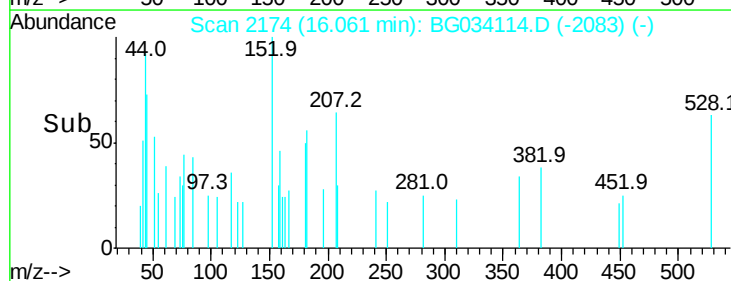
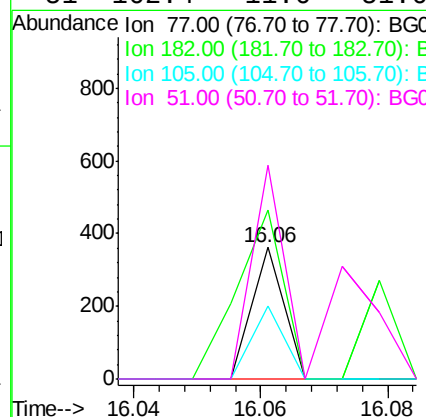
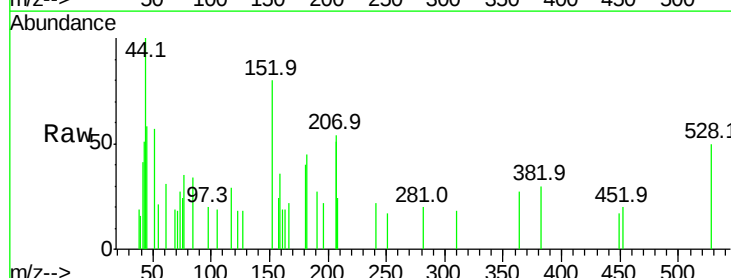
Instrument :
BNA_G
ClientSampleId :
ROBEL-2

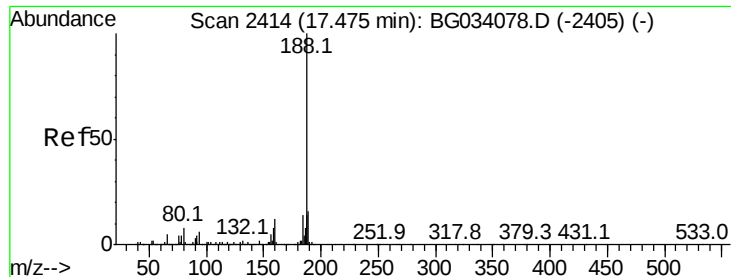
Tot Ion:138 Resp: 118
Ion Ratio Lower Upper
138 100
92 55.8 40.1 80.1
108 77.0 65.4 105.4



#62
Azobenzene
Concen: 0.006 ng
RT: 16.06 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion: 77 Resp: 128
Ion Ratio Lower Upper
77 100
182 128.5 7.4 47.4#
105 55.5 0.3 40.3#
51 162.4 11.6 51.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

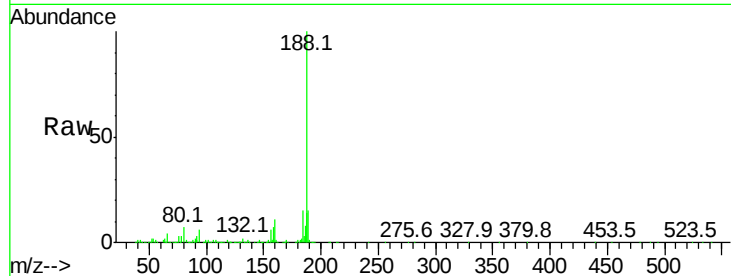
Tot Ion:188 Resp: 569637

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

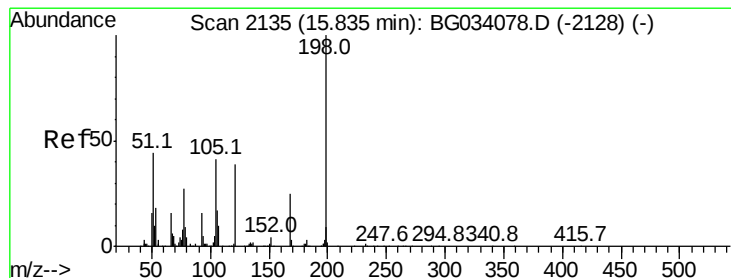
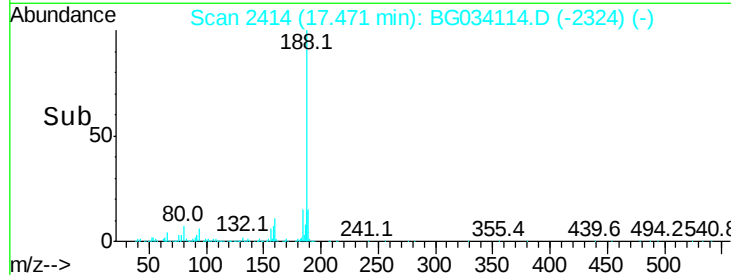
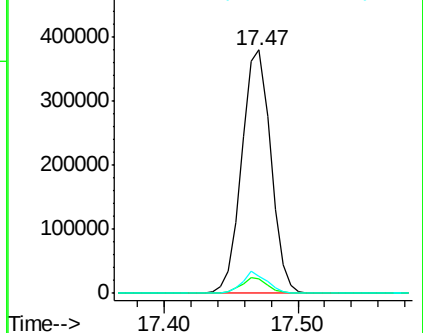
80 6.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.029 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.03 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

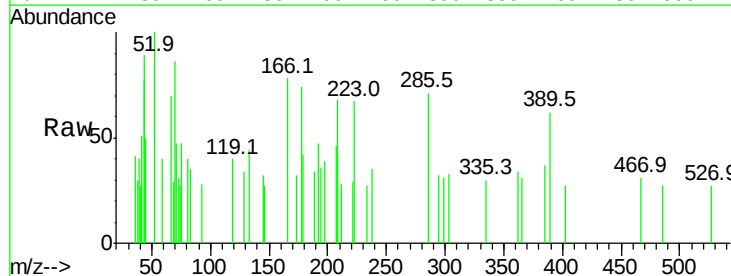
Tgt Ion:198 Resp: 77

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

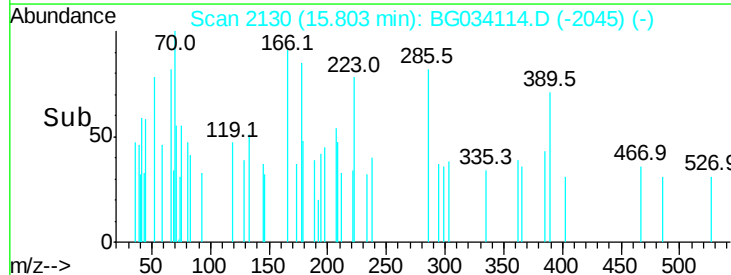
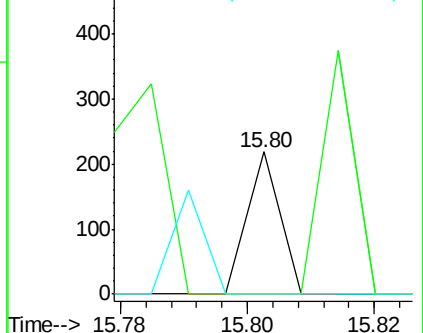
105 0.0 23.8 63.8#

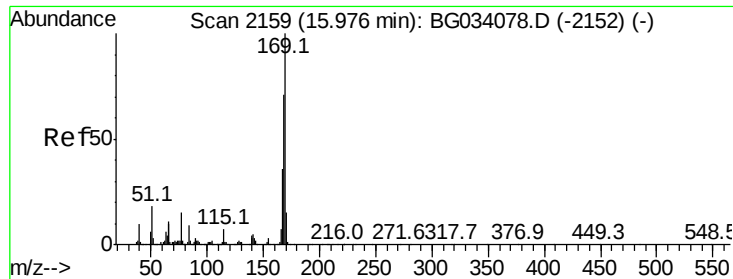


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 1.318 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.23 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

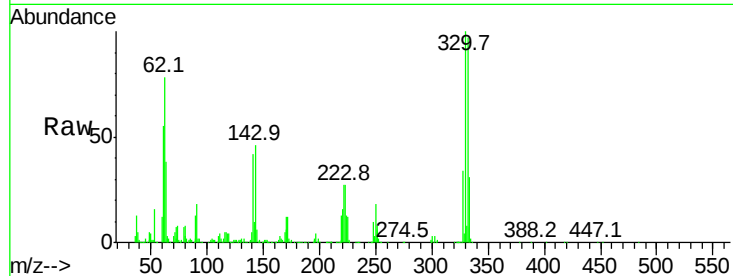
Tot Ion:169 Resp: 20469

Ion Ratio Lower Upper

169 100

168 0.0 55.7 83.5#

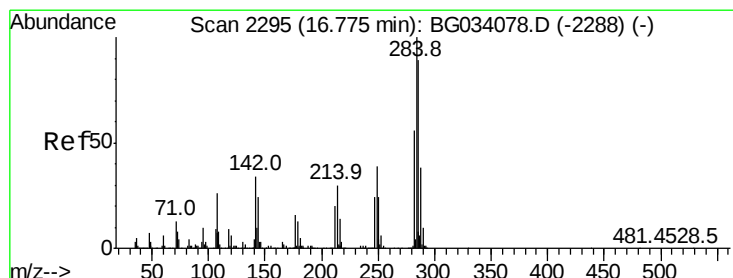
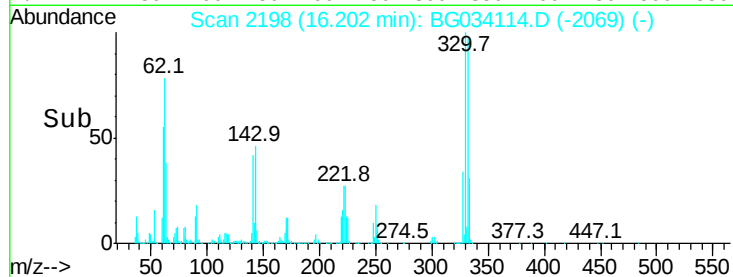
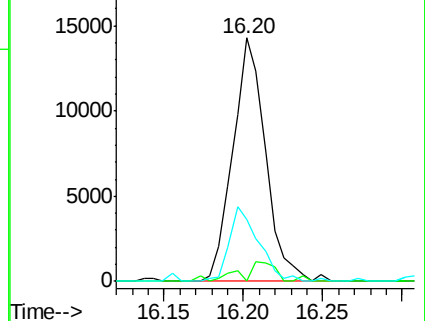
167 25.2 30.1 45.1#



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



#67

Hexachlorobenzene

Concen: 0.012 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

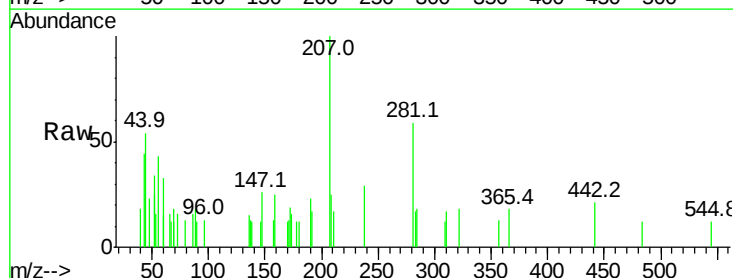
Tgt Ion:284 Resp: 86

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

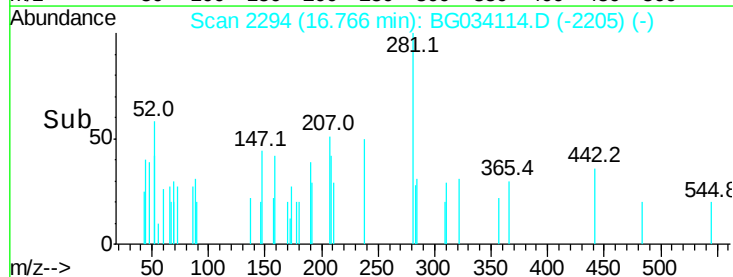
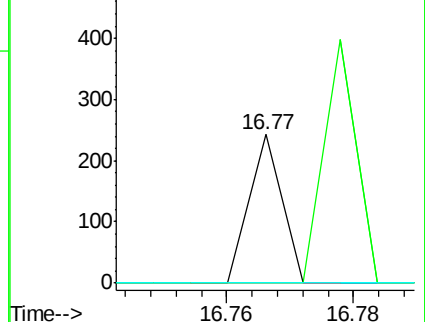
249 0.0 26.3 39.5#

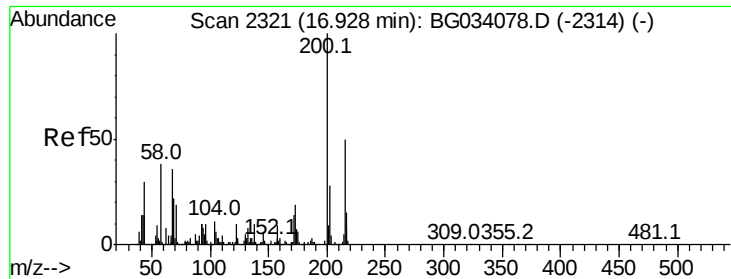


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 0.926 ng

RT: 16.94 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

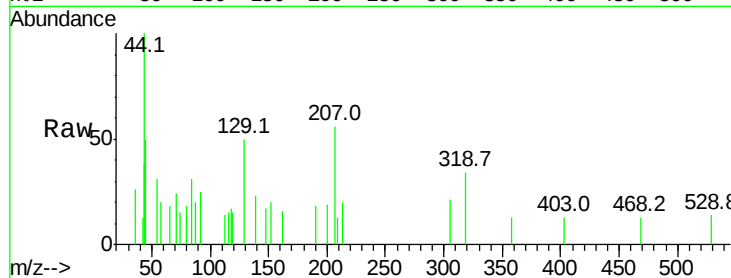
Tot Ion:200 Resp: 81

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

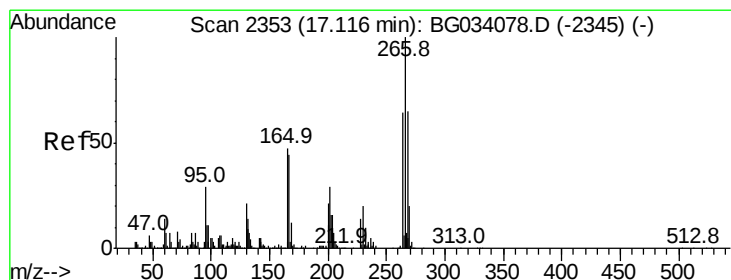
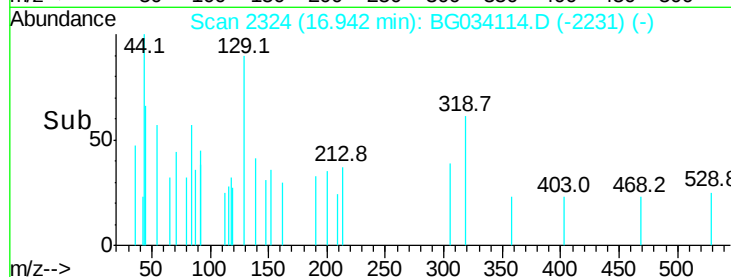
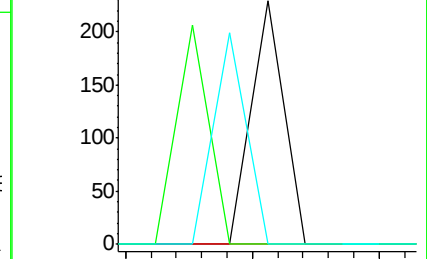
215 0.0 30.4 70.4#



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



#69

Pentachlorophenol

Concen: 0.034 ng

RT: 17.12 min Scan# 2355

Delta R.T. 0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

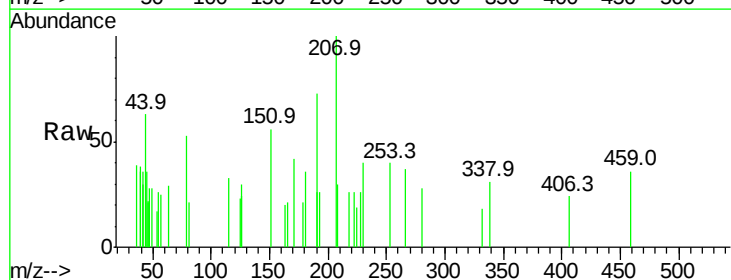
Tgt Ion:266 Resp: 168

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

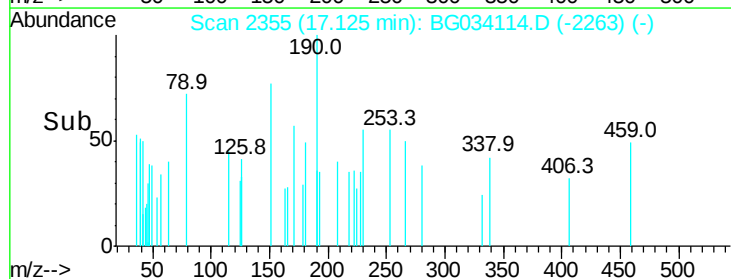
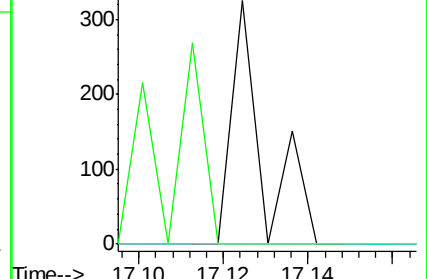
264 0.0 49.6 74.4#

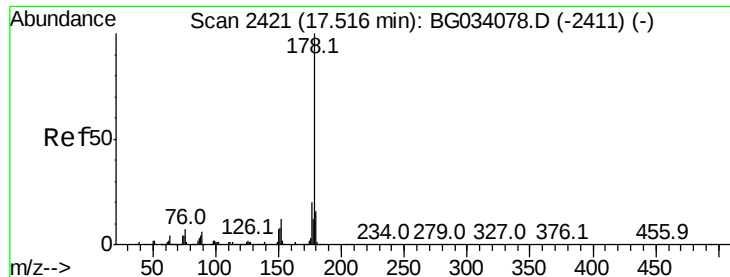


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.297 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampled :

ROBEL-2

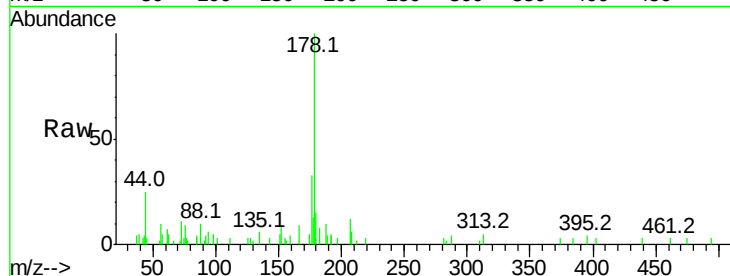
Tot Ion:178 Resp: 8681

Ion Ratio Lower Upper

178 100

176 32.7 15.7 23.5#

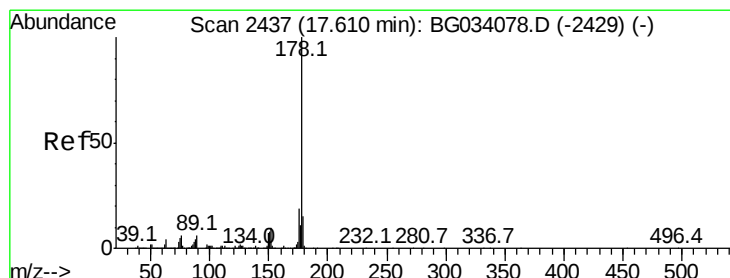
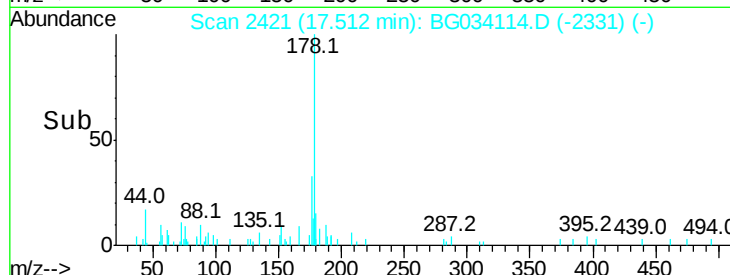
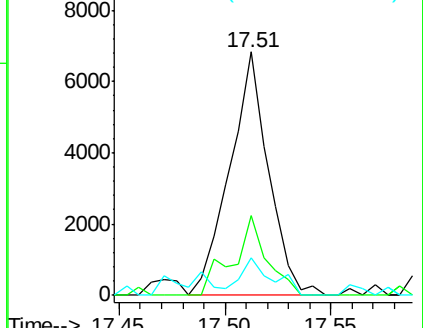
179 17.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.043 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

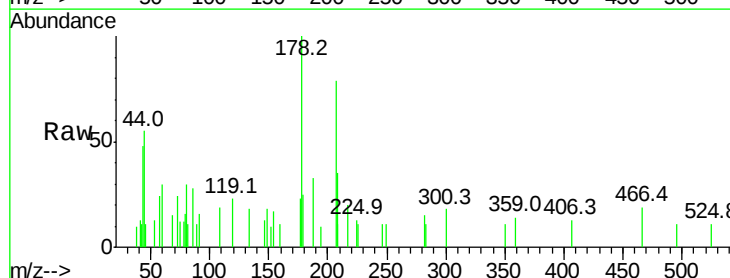
Tgt Ion:178 Resp: 1264

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

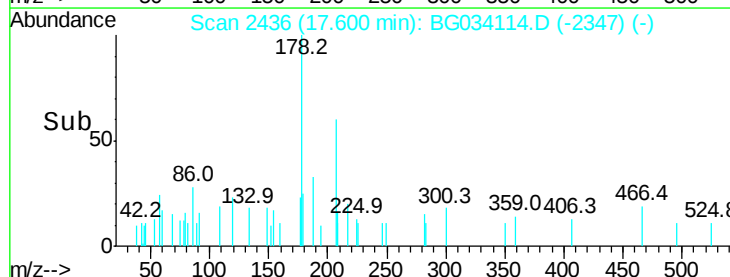
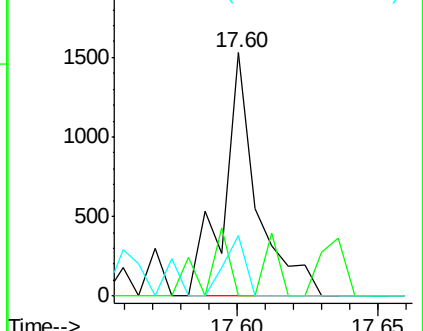
179 24.8 12.5 18.7#

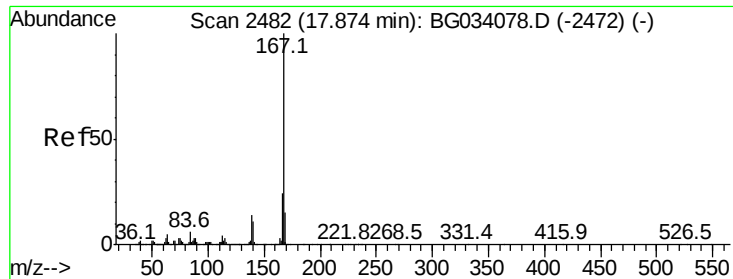


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.024 ng

RT: 17.86 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

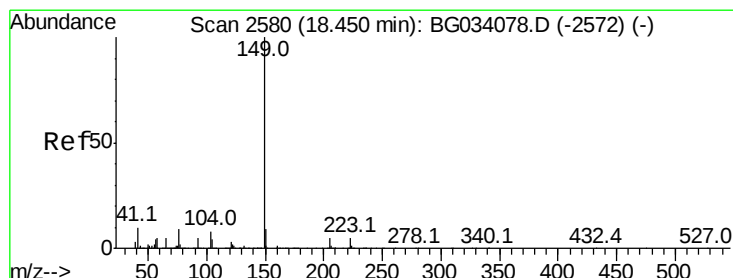
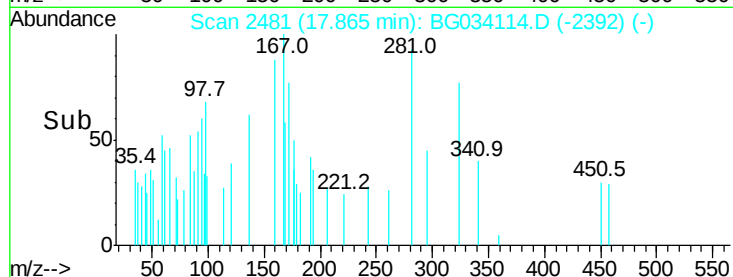
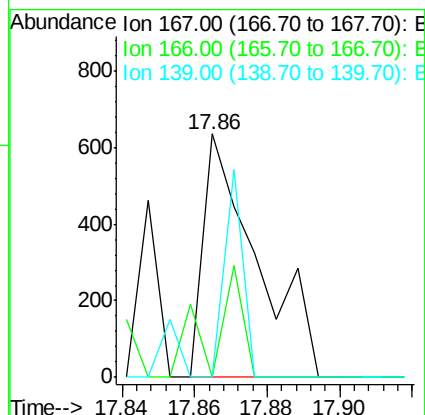
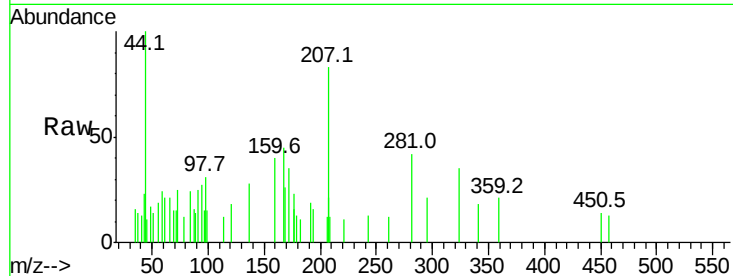
Tot Ion:167 Resp: 650

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

139 0.0 9.4 14.2#



#73

Di-n-butylphthalate

Concen: 0.076 ng

RT: 18.43 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

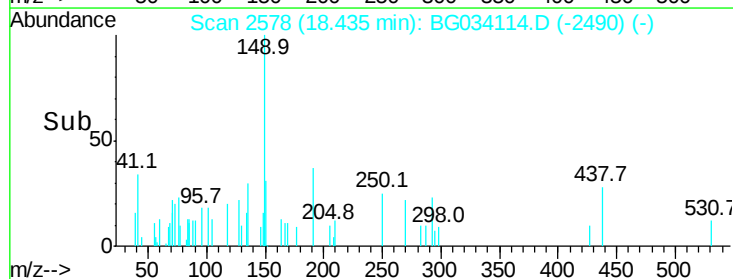
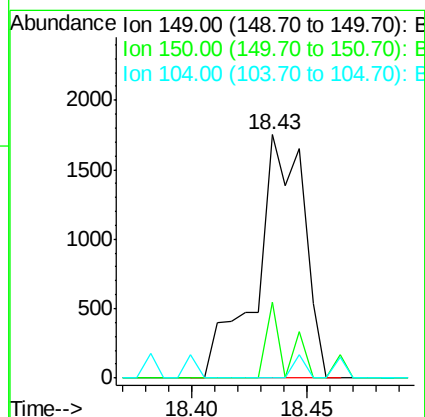
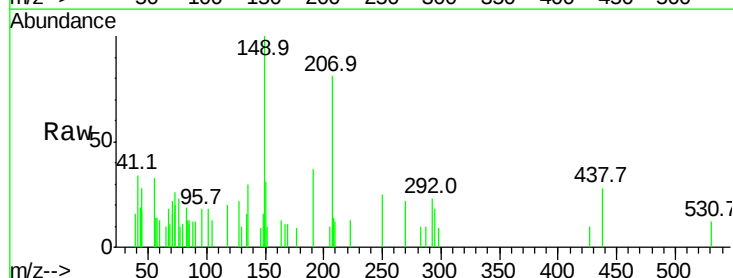
Tgt Ion:149 Resp: 2498

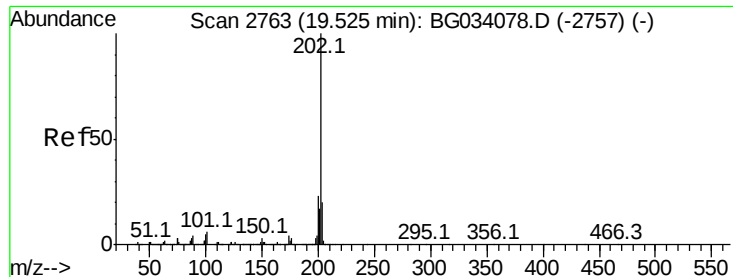
Ion Ratio Lower Upper

149 100

150 31.3 7.8 11.6#

104 0.0 3.9 5.9#





#74

Fluoranthene

Concen: 0.058 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

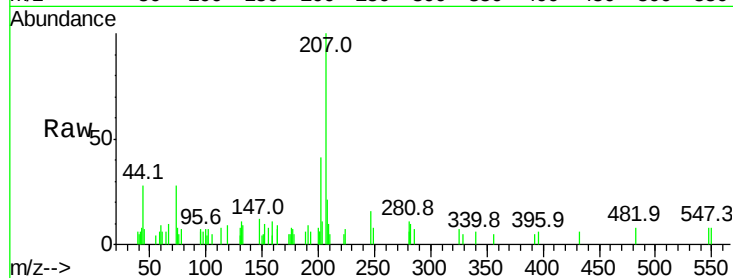
Tot Ion:202 Resp: 2156

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.9

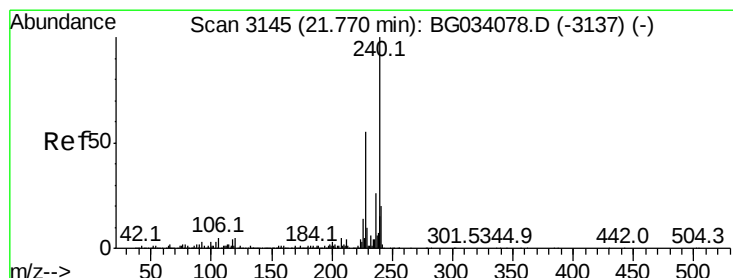
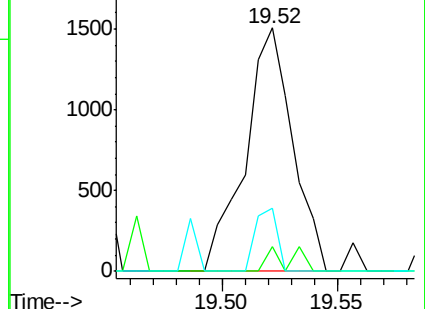
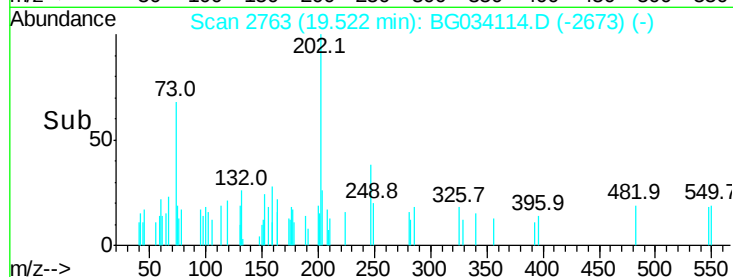
203 26.1 0.0 37.5



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# 3144

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

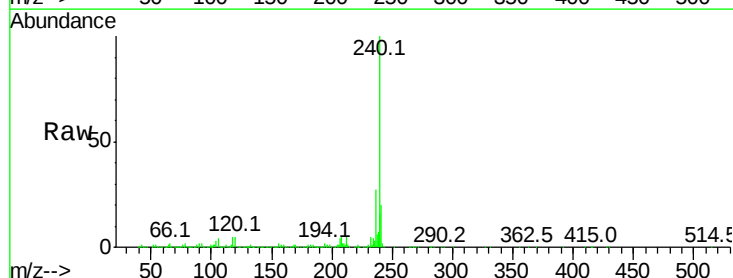
Tgt Ion:240 Resp: 695938

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

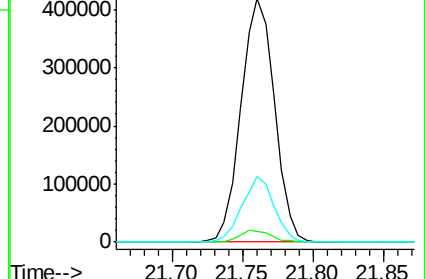
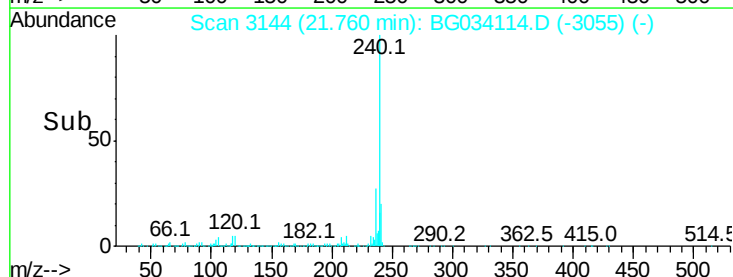
236 27.2 20.9 31.3

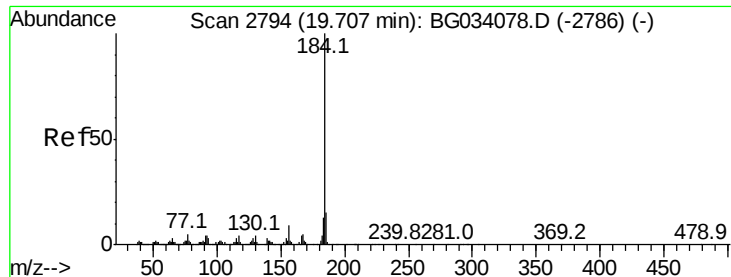


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 12.396 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

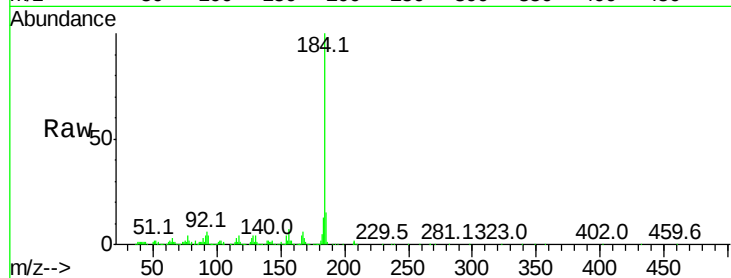
Tot Ion:184 Resp: 222211

Ion Ratio Lower Upper

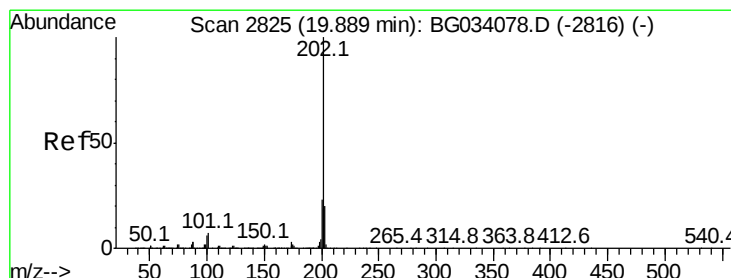
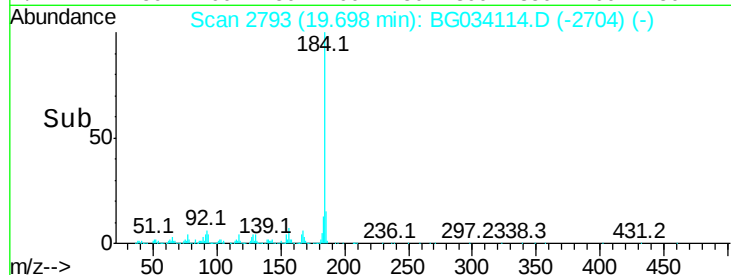
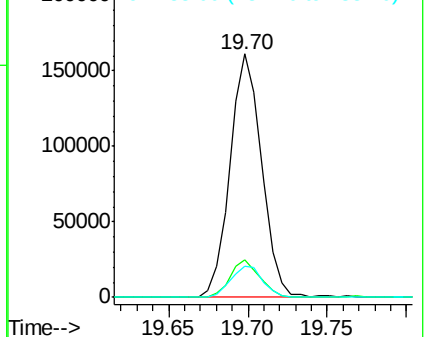
184 100

185 15.2 11.1 16.7

183 12.7 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

Pyrene

Concen: 0.029 ng

RT: 19.87 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

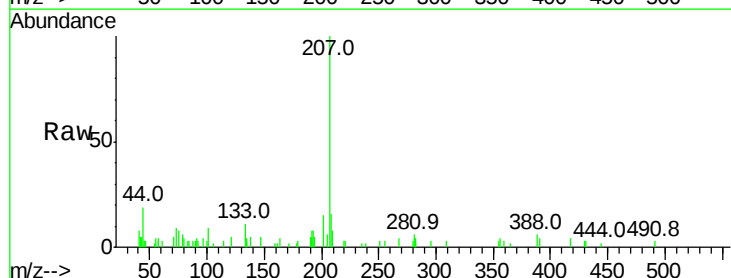
Tgt Ion:202 Resp: 1258

Ion Ratio Lower Upper

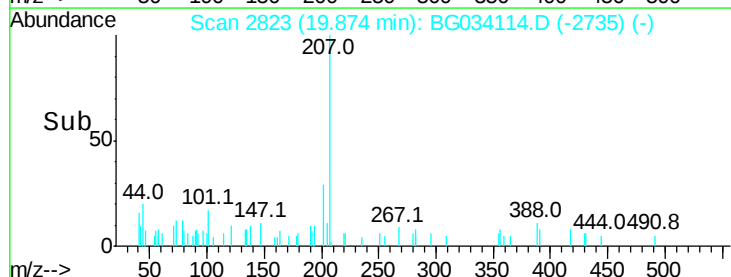
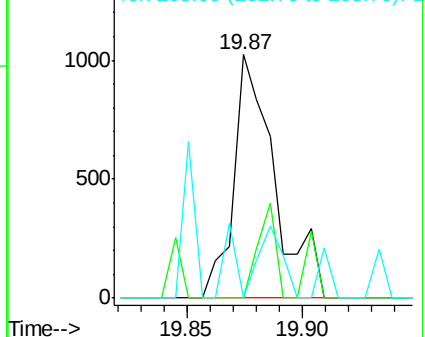
202 100

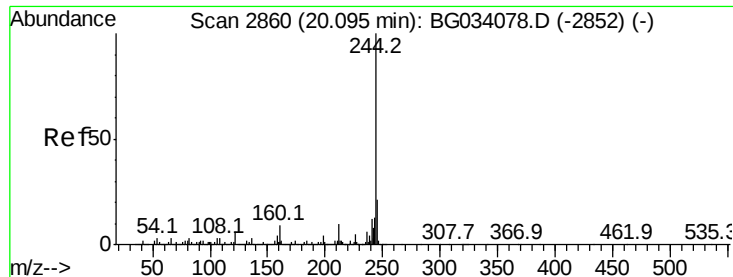
200 0.0 16.9 25.3#

203 0.0 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: 93.354 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

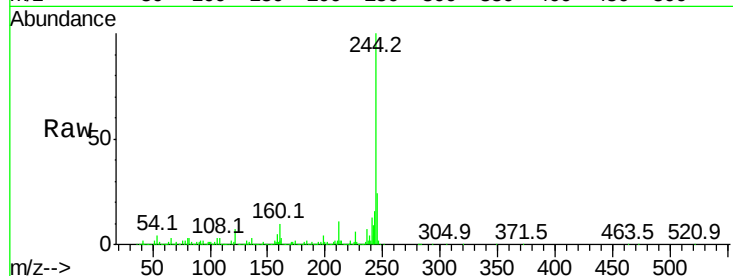
Tot Ion:244 Resp: 2965705

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

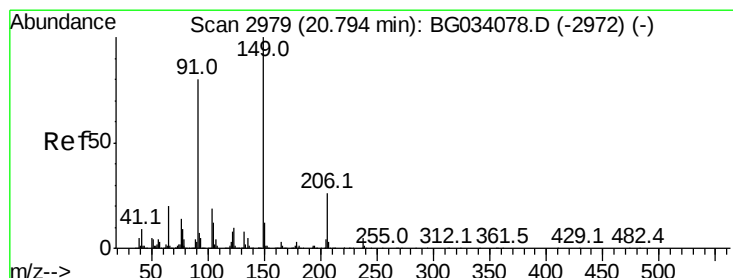
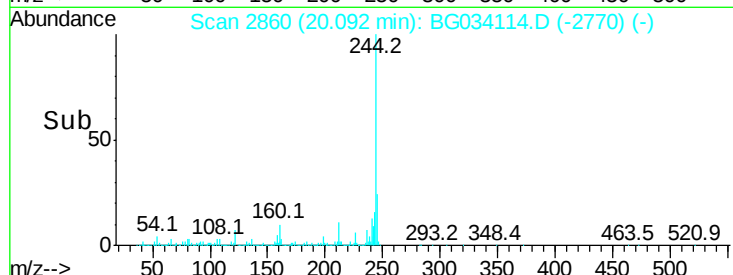
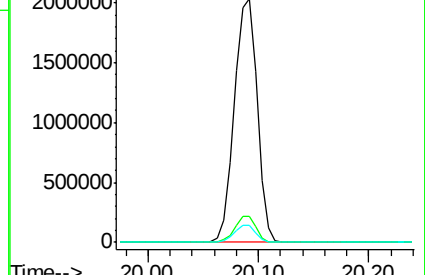
122 6.9 7.0 10.4#



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: 0.027 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

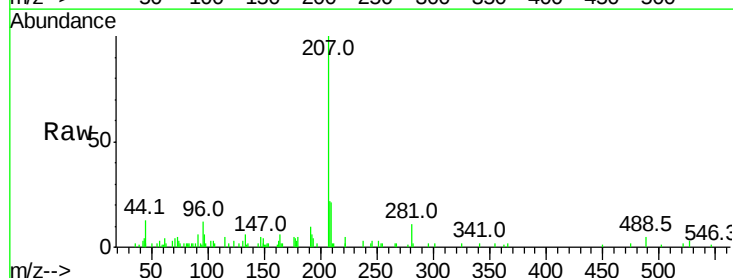
Tgt Ion:149 Resp: 459

Ion Ratio Lower Upper

149 100

91 112.1 62.2 93.2#

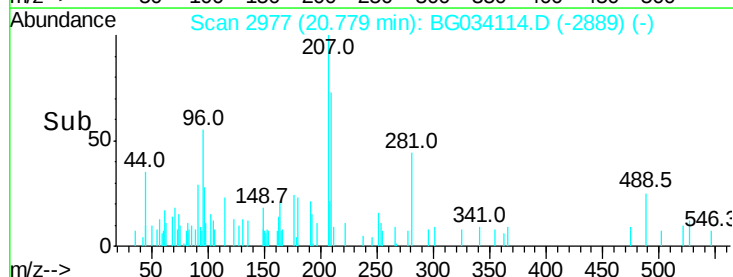
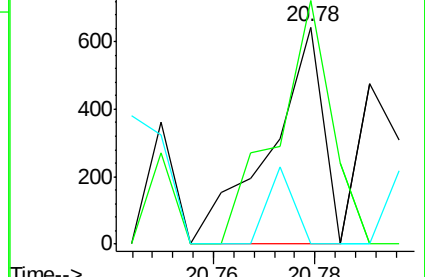
206 0.0 18.6 27.8#

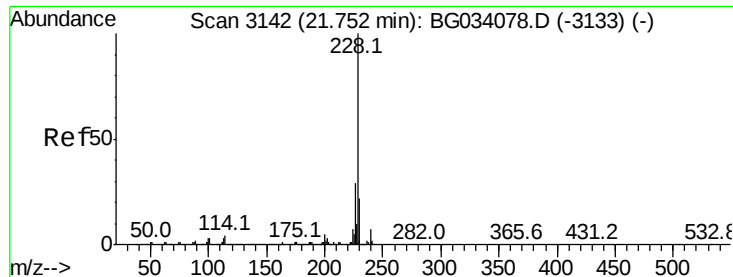


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.065 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

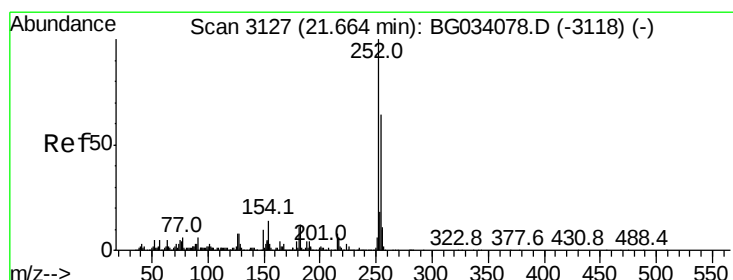
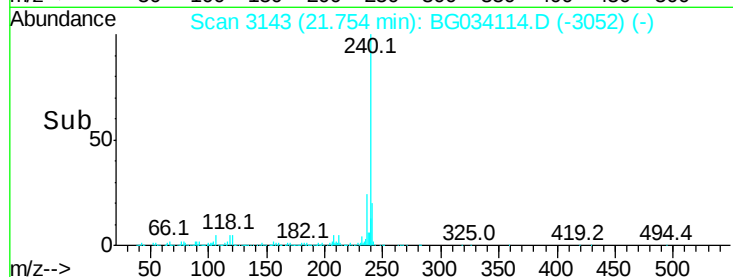
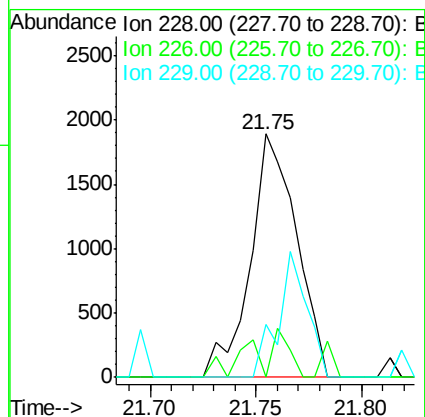
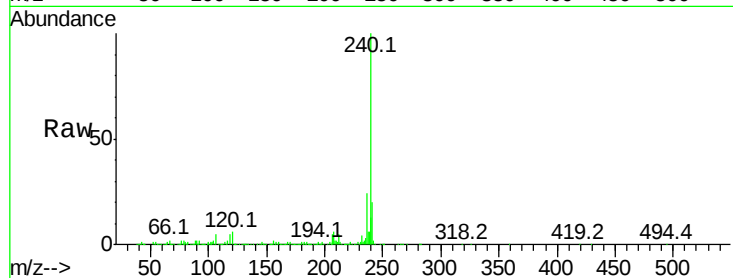
Tot Ion:228 Resp: 2877

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

229 21.8 16.2 24.2



#81

3,3'-Dichlorobenzidine

Concen: 0.021 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

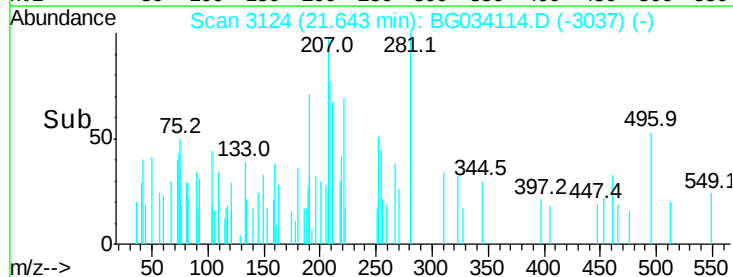
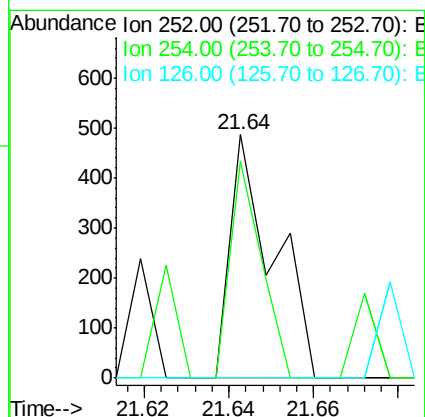
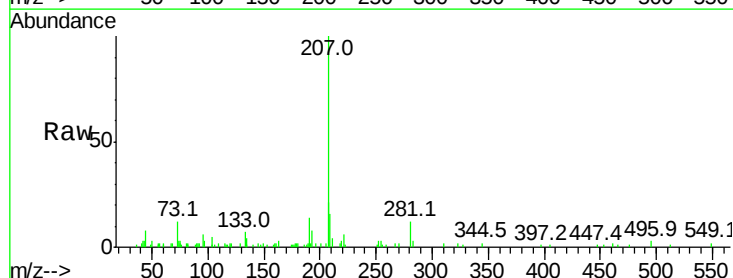
Tgt Ion:252 Resp: 346

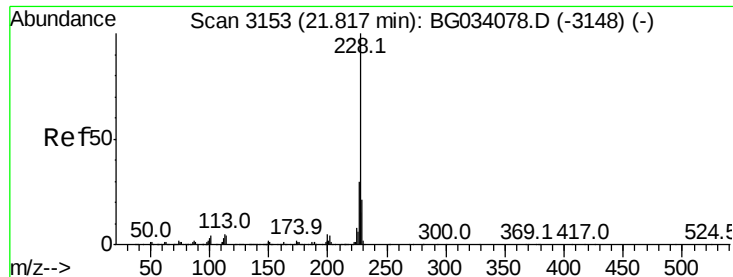
Ion Ratio Lower Upper

252 100

254 89.1 50.8 76.2#

126 0.0 7.4 11.2#





#82

Chrysene

Concen: 0.067 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.06 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

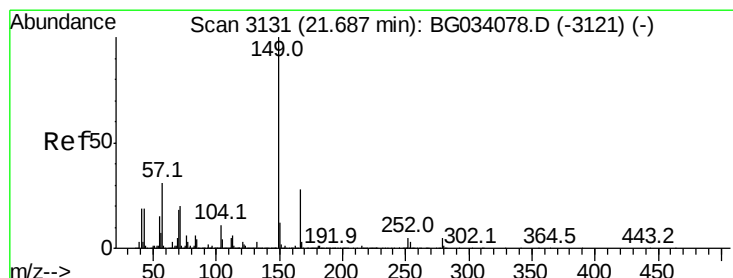
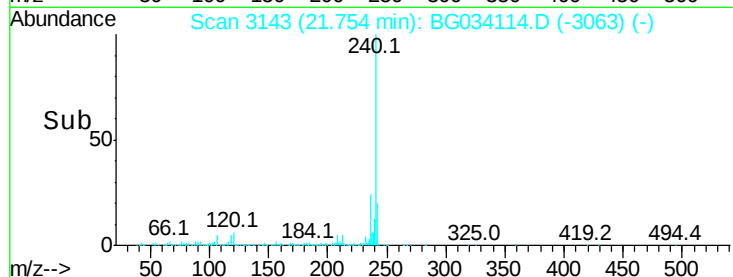
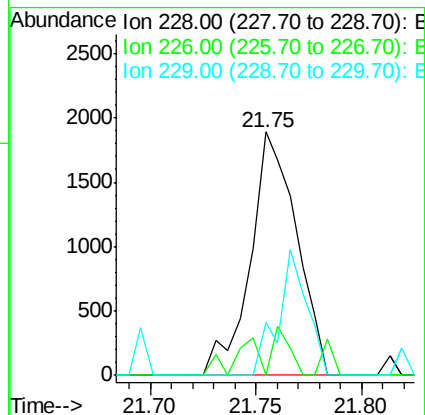
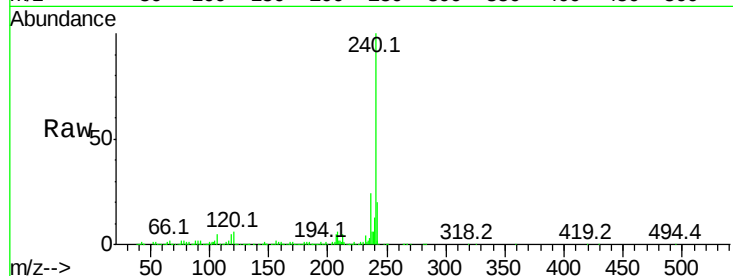
Tot Ion:228 Resp: 2877

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 21.8 15.0 22.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.089 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

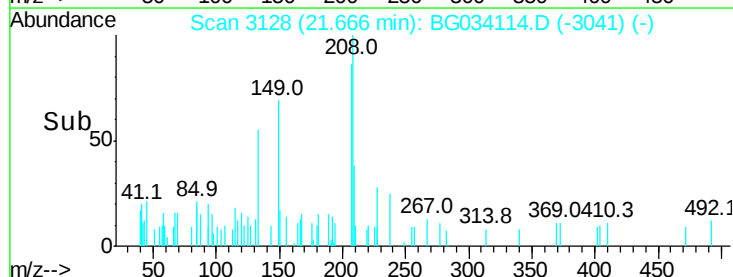
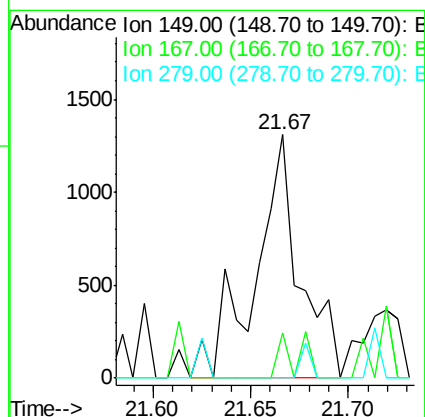
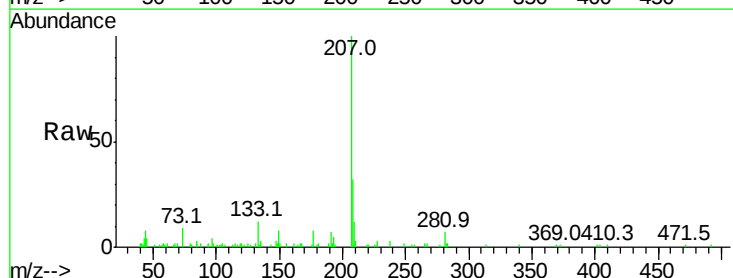
Tgt Ion:149 Resp: 2088

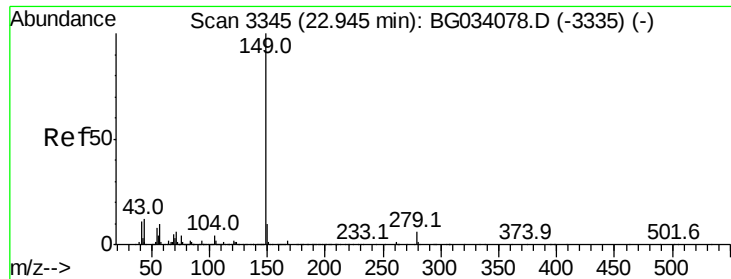
Ion Ratio Lower Upper

149 100

167 18.4 24.3 36.5#

279 0.0 4.0 6.0#

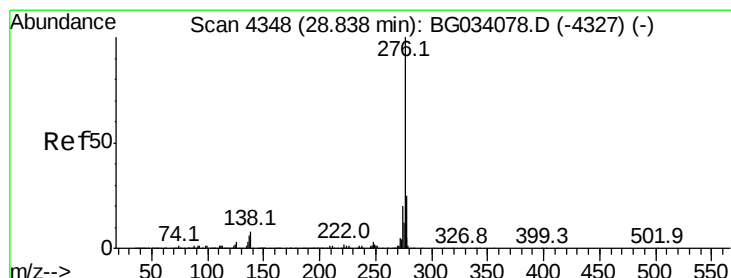
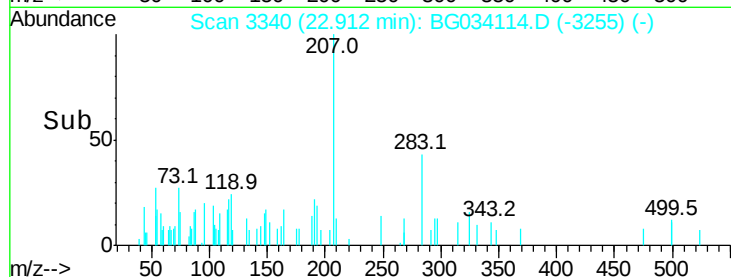
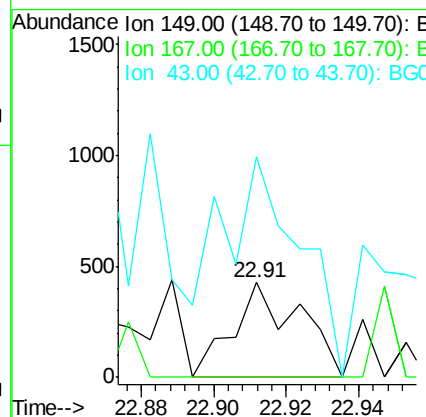
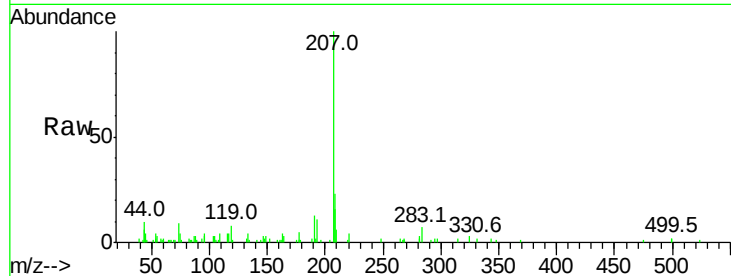




#84
Di-n-octyl phthalate
Concen: 0.015 ng
RT: 22.91 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

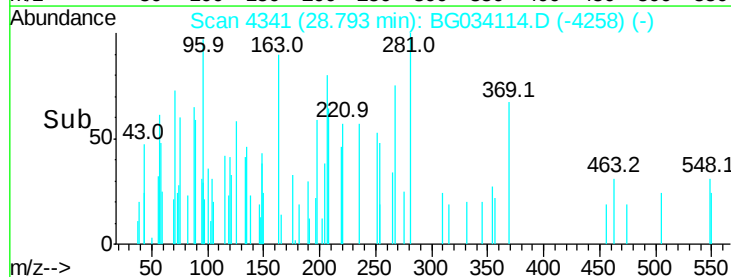
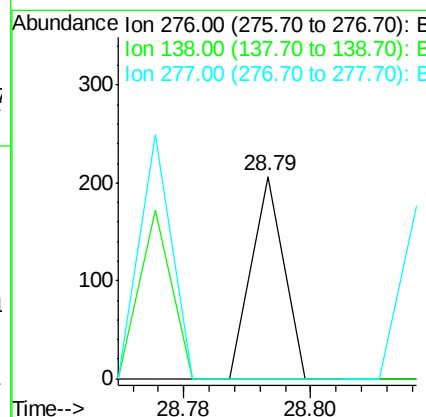
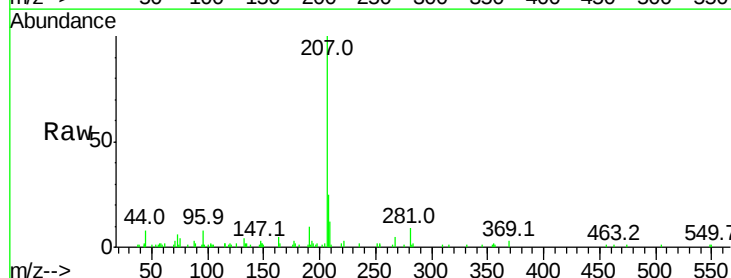
Instrument :
BNA_G
ClientSampleId :
ROBEL-2

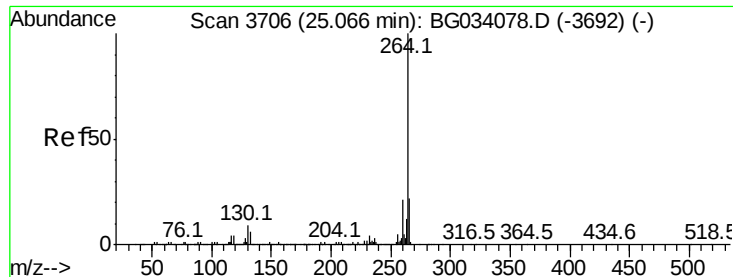
Tot Ion:149 Resp: 546
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 268.5 8.9 13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.79 min Scan# 4341
Delta R.T. -0.04 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion:276 Resp: 73
Ion Ratio Lower Upper
276 100
138 83.6 16.0 24.0#
277 120.5 20.0 30.0#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

BNA_G

ClientSampleId :

ROBEL-2

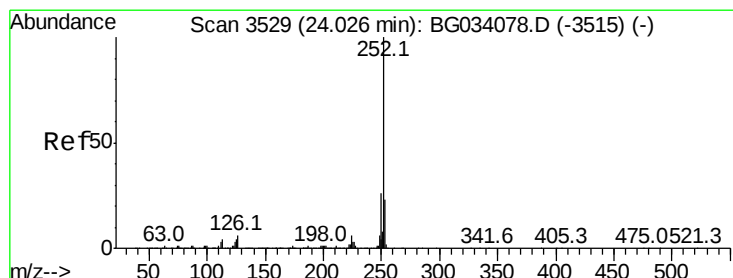
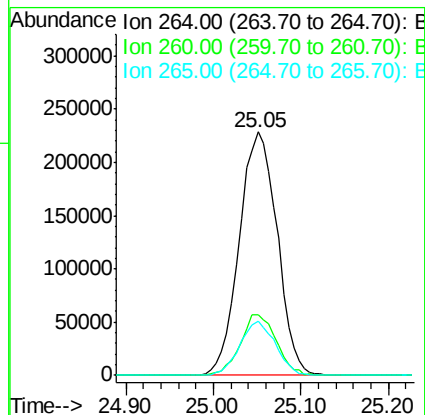
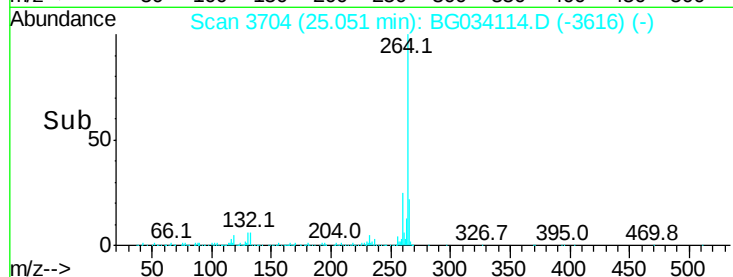
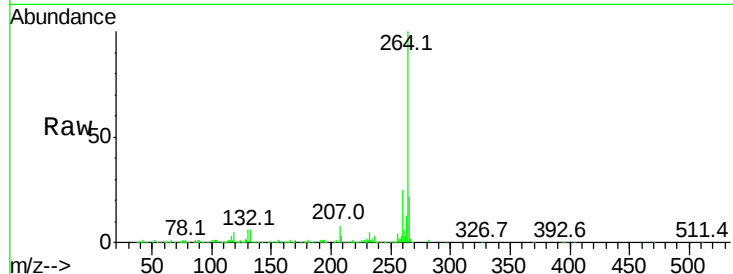
Tot Ion:264 Resp: 671703

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 22.3 17.7 26.5



#87

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

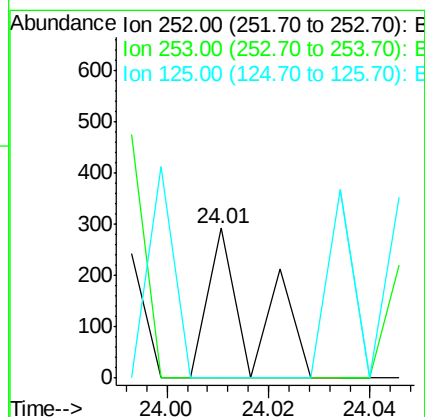
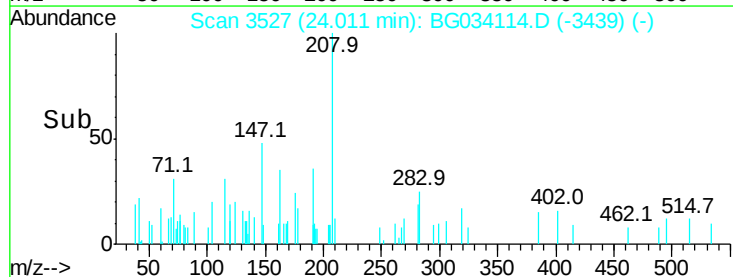
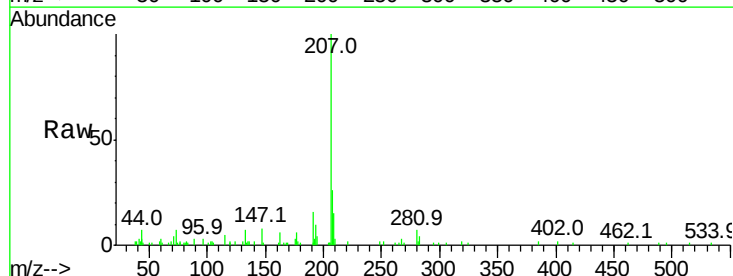
Tgt Ion:252 Resp: 178

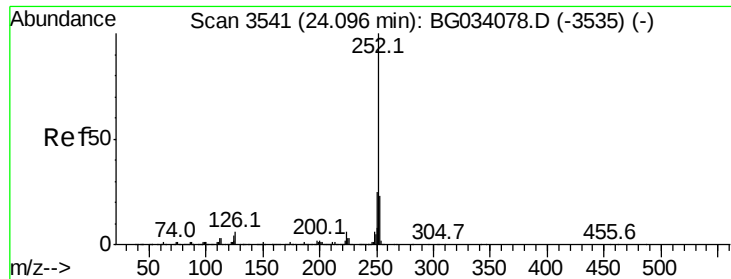
Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

125 0.0 7.2 10.8#

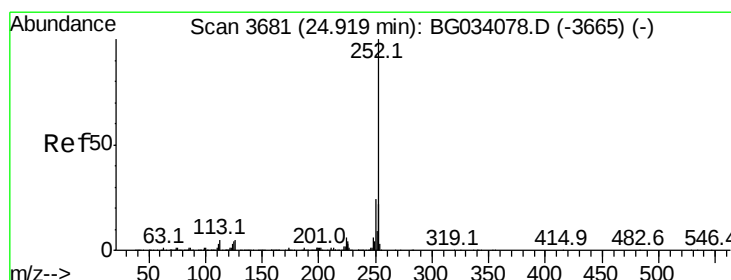
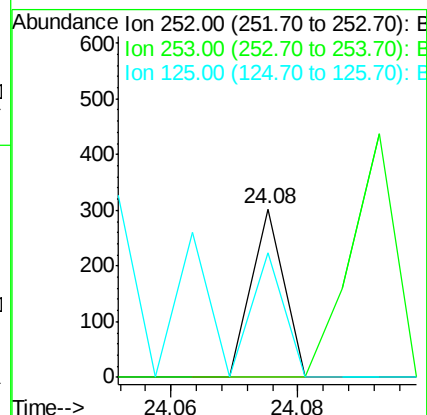
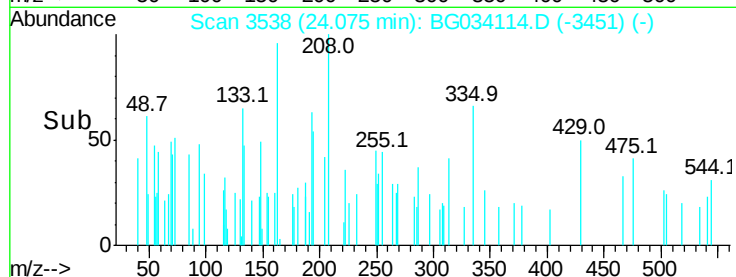
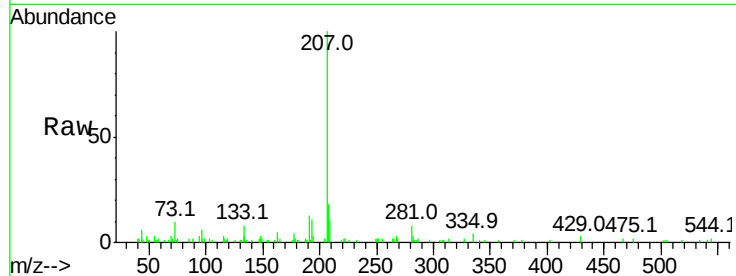




#88
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.02 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

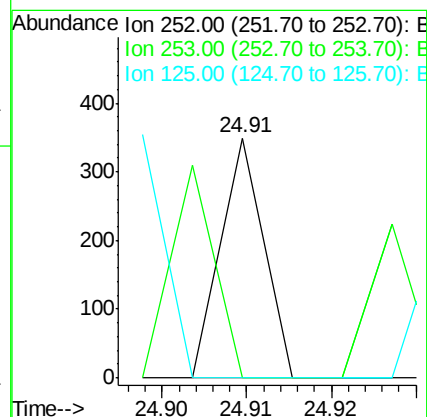
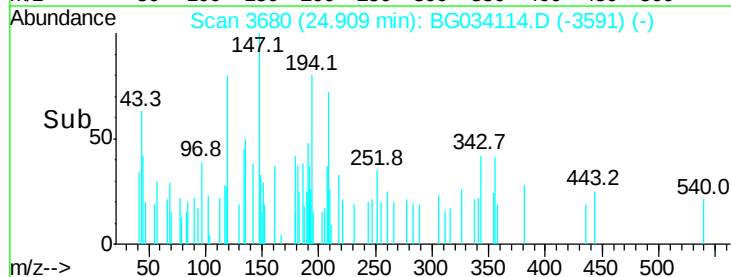
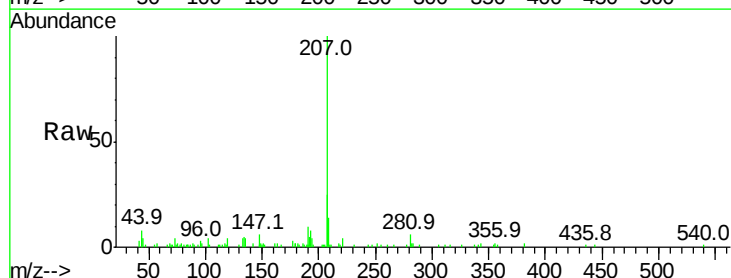
Instrument :
BNA_G
ClientSampled :
ROBEL-2

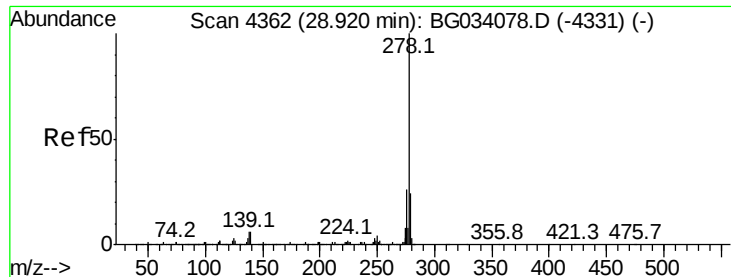
Tot Ion:252 Resp: 106
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 73.8 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG034114.D
Acq: 2 May 2018 13:44

Tgt Ion:252 Resp: 123
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 0.0 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 0.005 ng

RT: 28.90 min Scan# 4360

Delta R.T. -0.02 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Instrument :

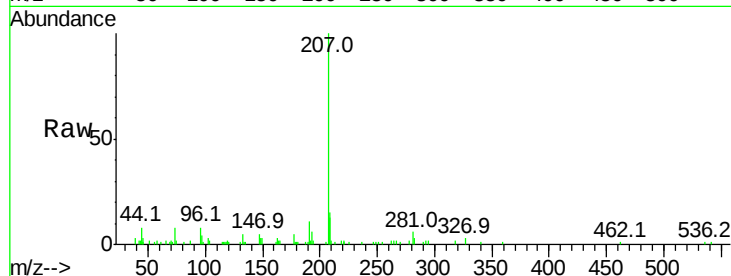
BNA_G

ClientSampleId :

ROBEL-2

Tot Ion:278 Resp: 170

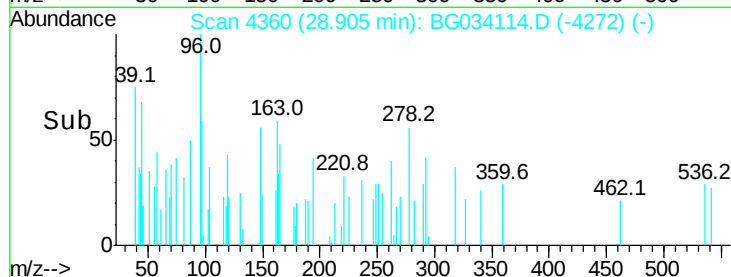
Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#



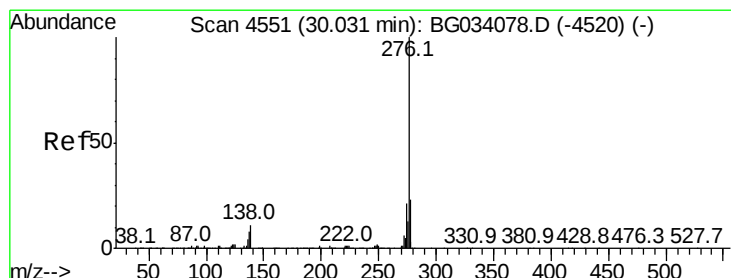
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 29.94 min Scan# 4537

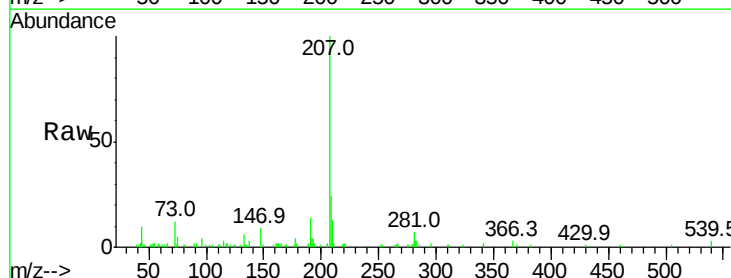
Delta R.T. -0.09 min

Lab File: BG034114.D

Acq: 2 May 2018 13:44

Tgt Ion:276 Resp: 167

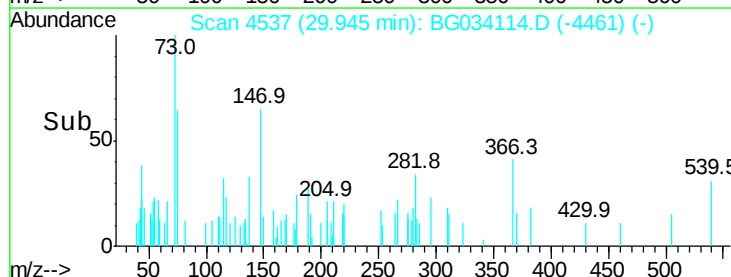
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#



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



Time-->