

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034113.D
 Acq On : 2 May 2018 13:06
 Operator : SJ/JU
 Sample : J2616-06
 Misc : 8PPM MDL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROBEL-1

Quant Time: May 02 14:42:35 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	68507	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	252497	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	193509	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	546097	20.00	ng	0.00
75) Chrysene-d12	21.76	240	663962	20.00	ng	0.00
86) Perylene-d12	25.06	264	640437	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	568663	134.11	ng	0.00
7) Phenol-d6	7.22	99	763894	115.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	662887	100.73	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	417442	155.79	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1367865	103.00	ng	0.00
78) Terphenyl-d14	20.09	244	2858943	94.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	406	0.228	ng	# 1
3) Pyridine	3.94	79	272	0.049	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	818	0.269	ng	# 5
6) Aniline	7.40	93	162	0.018	ng	# 41
8) 2-Chlorophenol	7.65	128	63	0.015	ng	# 29
10) Phenol	7.23	94	255	0.038	ng	# 1
11) bis(2-Chloroethyl)ether	7.45	93	129	0.025	ng	# 7
12) 1,3-Dichlorobenzene	8.03	146	73	0.014	ng	# 26
13) 1,4-Dichlorobenzene	8.15	146	56	0.011	ng	# 23
14) 1,2-Dichlorobenzene	8.43	146	56	0.011	ng	# 18
15) Benzyl Alcohol	8.39	79	13423	1.906	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.60	45	284	0.039	ng	# 75
17) 2-Methylphenol	8.45	107	140	0.032	ng	# 1
18) Hexachloroethane	9.18	117	537	0.237	ng	# 1
20) 3+4-Methylphenols	8.78	107	105	0.016	ng	# 24
22) Acetophenone	8.89	105	1745	0.203	ng	# 61
24) Nitrobenzene	9.29	77	174	0.024	ng	# 42
25) Isophorone	9.79	82	225	0.017	ng	# 69
26) 2-Nitrophenol	9.95	139	133	0.067	ng	# 29
27) 2,4-Dimethylphenol	10.04	122	59	0.015	ng	# 5
28) bis(2-Chloroethoxy)methane	10.31	93	65	0.010	ng	# 51
29) 2,4-Dichlorophenol	10.50	162	80	0.017	ng	# 42
30) 1,2,4-Trichlorobenzene	10.71	180	151	0.027	ng	# 1
31) Naphthalene	10.94	128	66667	5.023	ng	# 93
33) 4-Chloroaniline	10.94	127	8297	1.386	ng	# 24
34) Hexachlorobutadiene	11.26	225	72	0.015	ng	# 20
35) Caprolactam	11.87	113	77	0.047	ng	# 45
36) 4-Chloro-3-methylphenol	12.27	107	71	0.012	ng	# 22
37) 2-Methylnaphthalene	12.55	142	8137	0.756	ng	# 83
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	62	0.008	ng	# 1
40) Hexachlorocyclopentadiene	12.96	237	69	0.016	ng	# 80
42) 2,4,6-Trichlorophenol	13.09	196	67	0.015	ng	# 11
43) 2,4,5-Trichlorophenol	13.23	196	58	0.012	ng	# 17
45) 1,1'-Biphenyl	13.54	154	3849	0.255	ng	# 78

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 ALS Vial : 28 Sample Multiplier: 1

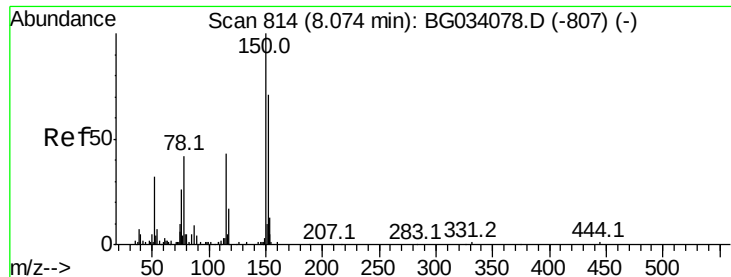
Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: May 02 14:42:35 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 2-Chloronaphthalene	13.56	162	62	0.005	nq	# 1
47) 2-Nitroaniline	13.76	65	369	0.081	nq	# 9
48) Acenaphthylene	14.44	152	1541	0.084	nq	# 73
49) Dimethylphthalate	14.20	163	175	0.010	nq	# 77
51) Acenaphthene	14.78	154	3423	0.276	nq	# 57
52) 3-Nitroaniline	14.61	138	212	0.065	nq	# 1
53) 2,4-Dinitrophenol	14.79	184	69	0.055	nq	# 1
54) Dibenzofuran	15.11	168	5055	0.281	nq	# 88
55) 4-Nitrophenol	14.90	139	207	0.083	nq	# 1
57) Fluorene	15.77	166	5285	0.337	nq	# 60
58) 2,3,4,6-Tetrachlorophenol	15.39	232	144	0.029	nq	# 68
59) Diethylphthalate	15.54	149	990	0.056	nq	# 54
60) 4-Chlorophenyl-phenylether	15.78	204	213	0.023	nq	# 30
61) 4-Nitroaniline	15.77	138	83	0.024	nq	# 12
62) Azobenzene	16.02	77	289	0.015	nq	# 57
64) 4,6-Dinitro-2-methylphenol	15.89	198	108	0.042	nq	# 83
65) n-Nitrosodiphenylamine	16.20	169	18302	1.229	nq	# 34
67) Hexachlorobenzene	16.72	284	147	0.021	nq	# 61
68) Atrazine	16.94	200	129	0.931	nq	# 35
69) Pentachlorophenol	17.11	266	292	0.061	nq	# 19
70) Phenanthrene	17.51	178	9956	0.355	nq	# 98
71) Anthracene	17.51	178	9956	0.350	nq	# 98
72) Carbazole	17.86	167	661	0.025	nq	# 62
73) Di-n-butylphthalate	18.44	149	2140	0.068	nq	# 78
74) Fluoranthene	19.52	202	1646	0.046	nq	# 65
77) Pyrene	19.88	202	1114	0.027	nq	# 57
79) Butylbenzylphthalate	20.78	149	162	0.010	nq	# 20
80) Benzo(a)anthracene	21.77	228	2654	0.062	nq	# 49
81) 3,3'-Dichlorobenzidine	21.66	252	58	0.004	nq	# 26
82) Chrysene	21.77	228	2654	0.065	nq	# 45
83) Bis(2-ethylhexyl)phthalate	21.67	149	1430	0.064	nq	# 86
84) Di-n-octyl phthalate	22.92	149	181	0.005	nq	# 54
85) Indeno(1,2,3-cd)pyrene	28.82	276	125	0.003	nq	# 6
87) Benzo(b)fluoranthene	24.02	252	218	0.005	nq	# 59
88) Benzo(k)fluoranthene	24.07	252	146	0.004	nq	# 60
89) Benzo(a)pyrene	24.90	252	150	0.004	nq	# 59
90) Dibenzo(a,h)anthracene	28.84	278	69	0.002	nq	# 58
91) Benzo(g,h,i)perylene	30.11	276	53	0.002	nq	# 56

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

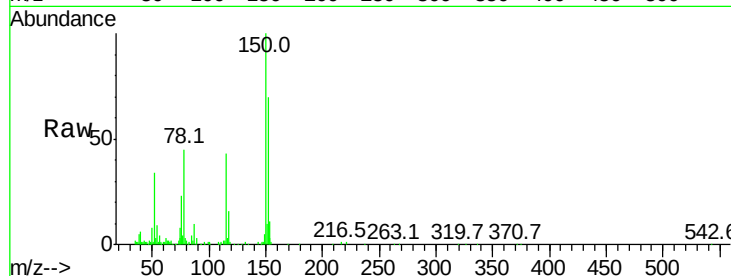
Tot Ion:152 Resp: 68507

Ion Ratio Lower Upper

152 100

150 143.6 126.6 189.8

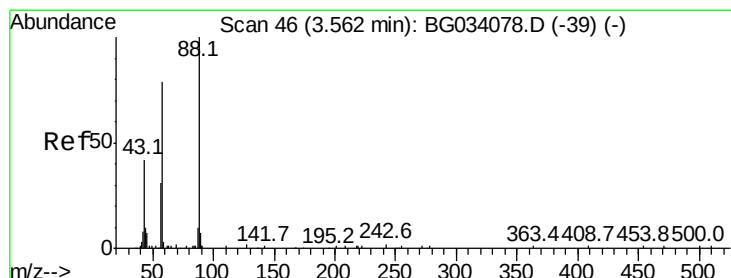
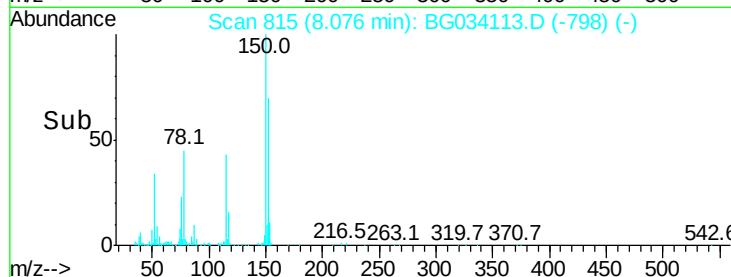
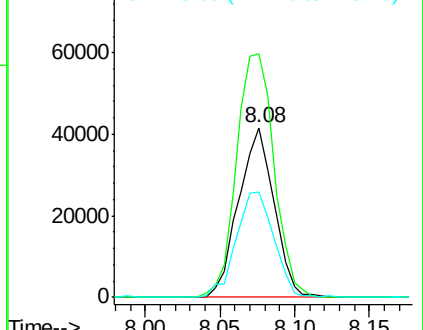
115 62.3 53.0 79.4



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



#2

1,4-Dioxane

Concen: 0.228 ng

RT: 3.56 min Scan# 47

Delta R.T. 0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

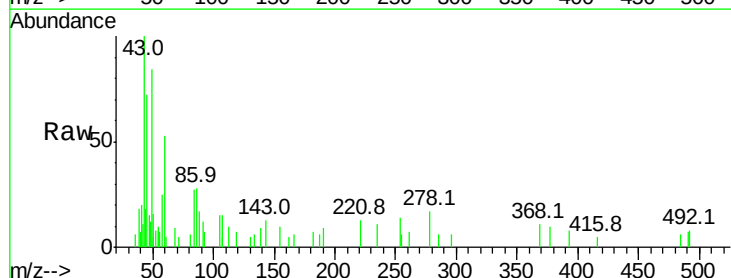
Tgt Ion: 88 Resp: 406

Ion Ratio Lower Upper

88 100

58 115.3 79.6 119.4

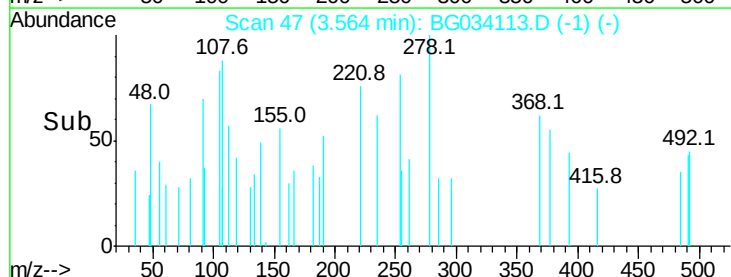
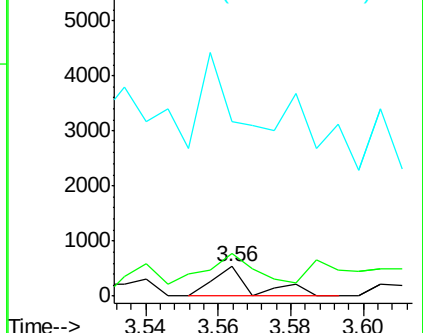
43 258.9 27.4 41.0#

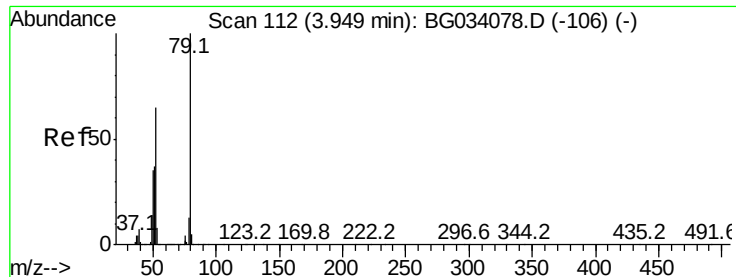


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.049 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

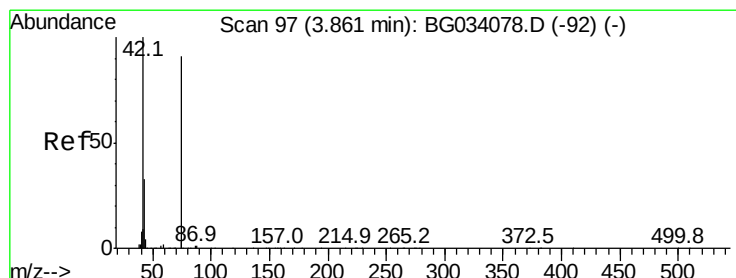
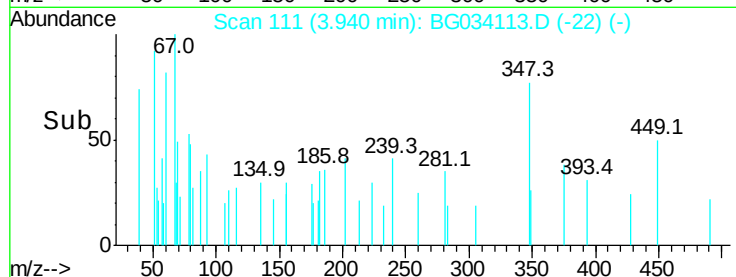
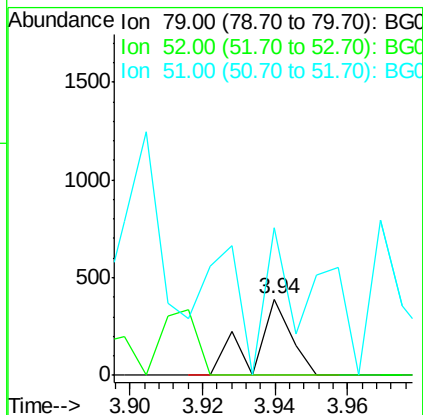
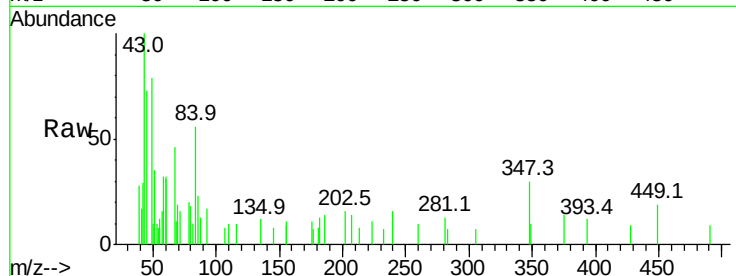
Tot Ion: 79 Resp: 272

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 193.4 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 0.269 ng

RT: 3.87 min Scan# 99

Delta R.T. 0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

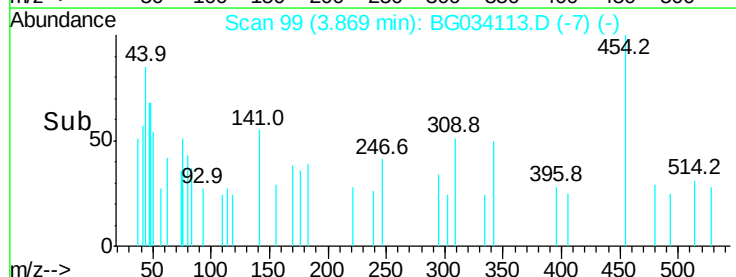
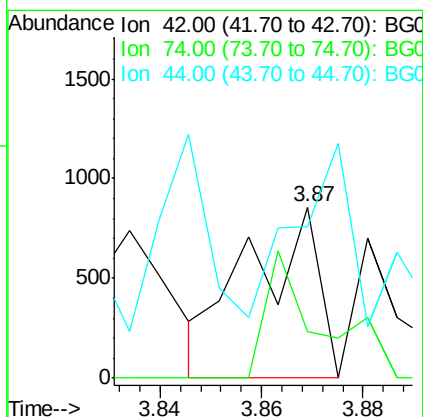
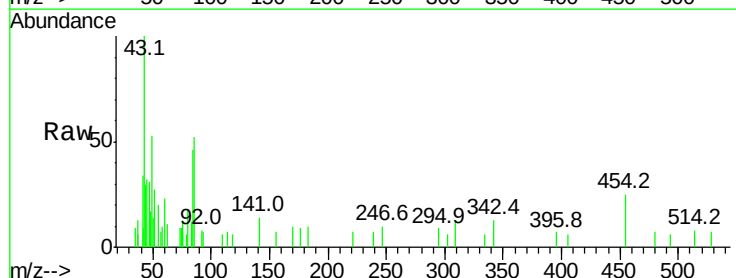
Tgt Ion: 42 Resp: 818

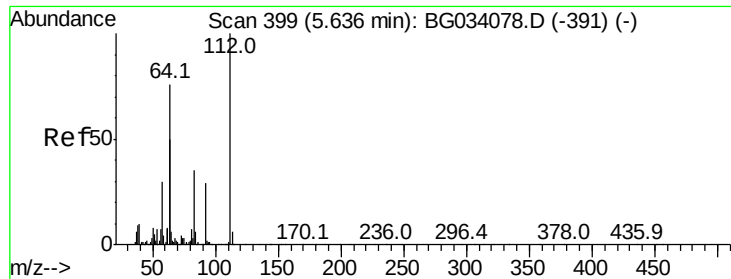
Ion Ratio Lower Upper

42 100

74 27.1 102.5 153.7#

44 88.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 134.110 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

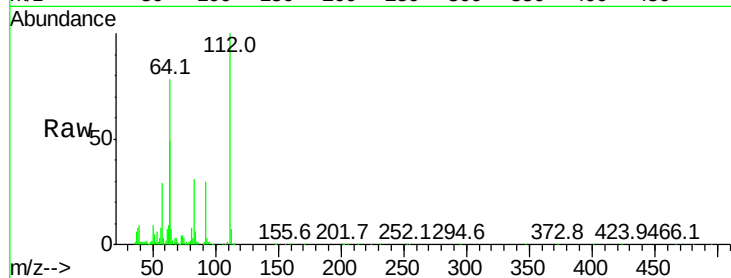
Tot Ion:112 Resp: 568663

Ion Ratio Lower Upper

112 100

64 78.3 56.3 84.5

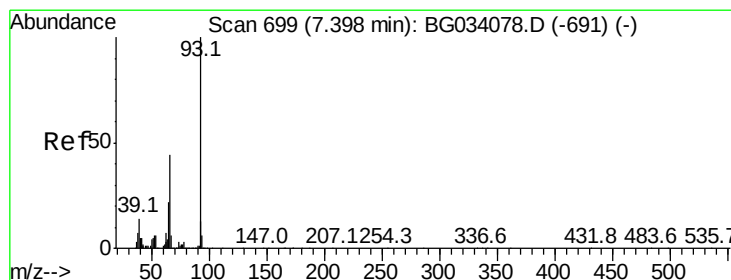
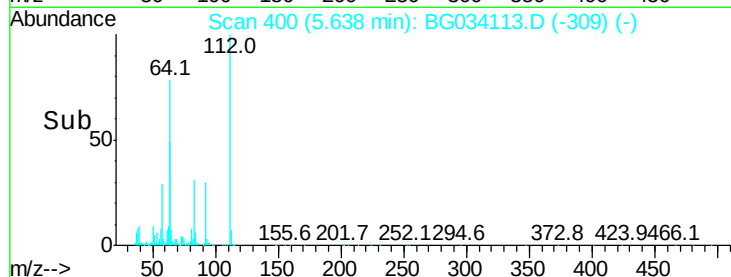
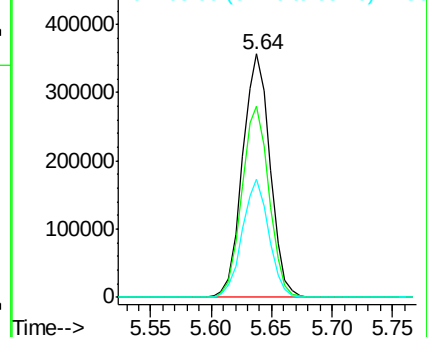
63 48.6 30.1 45.1#



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: 0.018 ng

RT: 7.40 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

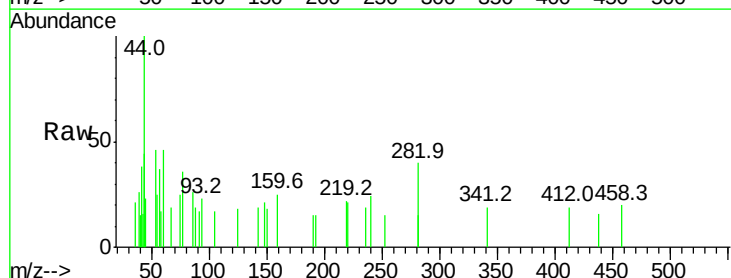
Tgt Ion: 93 Resp: 162

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

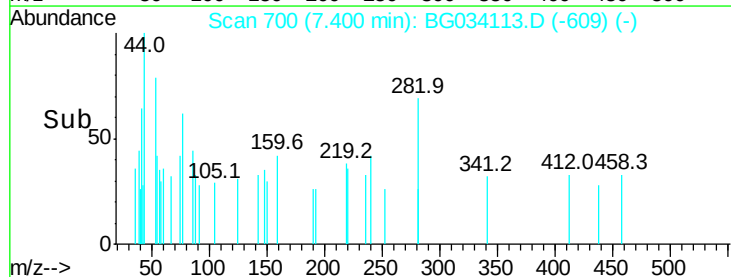
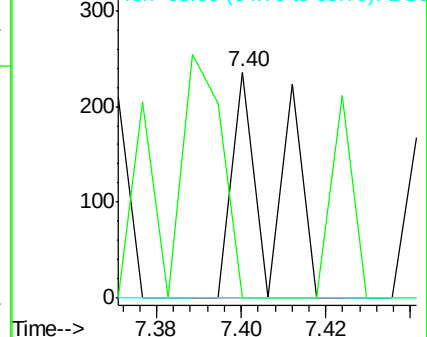
65 0.0 16.1 24.1#

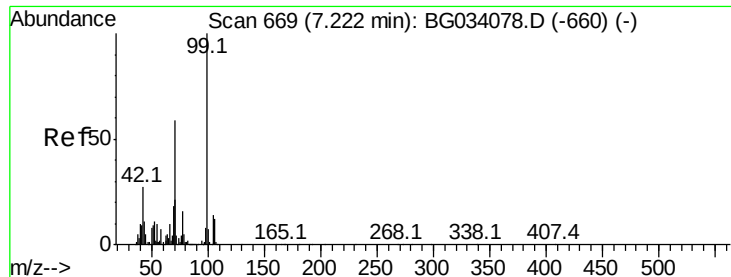


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.719 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

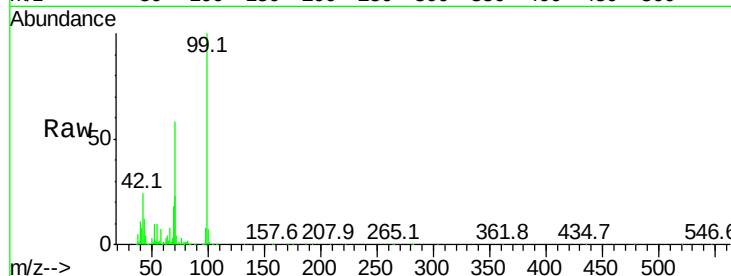
Tot Ion: 99 Resp: 763894

Ion Ratio Lower Upper

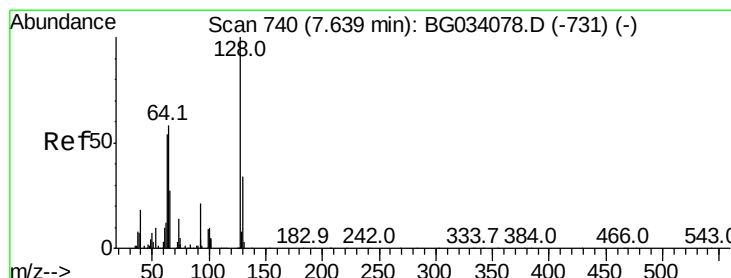
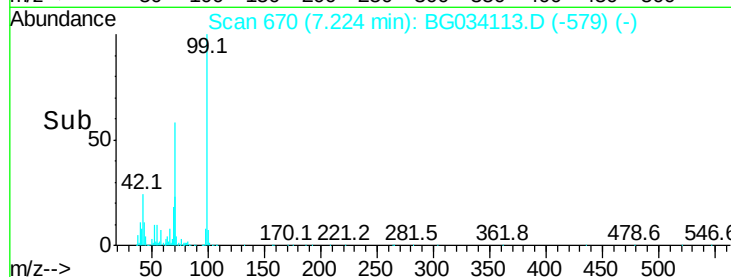
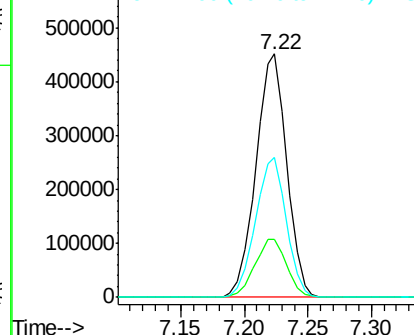
99 100

42 23.8 14.1 21.1#

71 57.7 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: 0.015 ng

RT: 7.65 min Scan# 743

Delta R.T. 0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

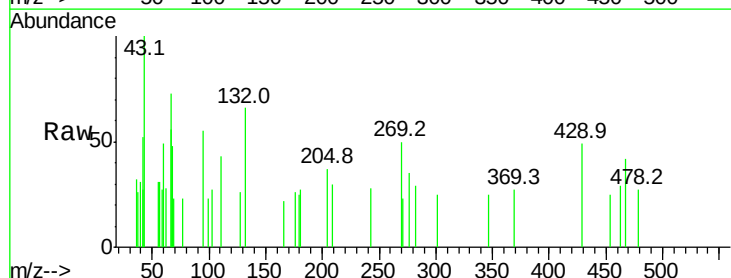
Tgt Ion: 128 Resp: 63

Ion Ratio Lower Upper

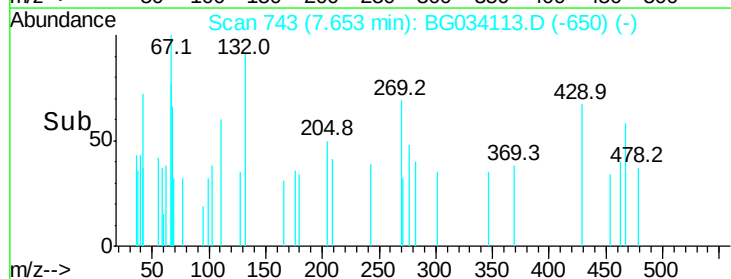
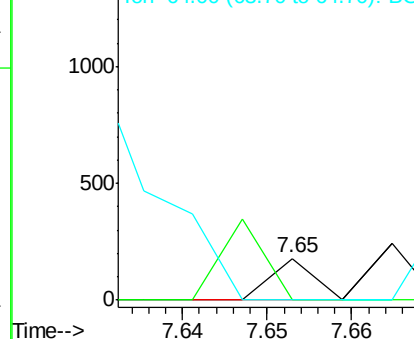
128 100

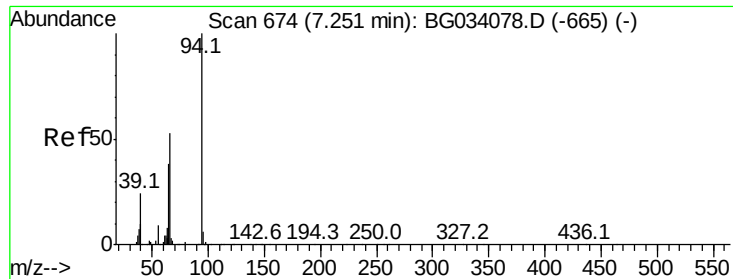
130 0.0 14.0 54.0#

64 0.0 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: 0.038 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

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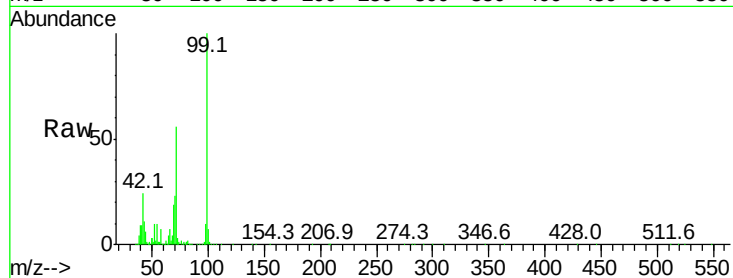
Tot Ion: 94 Resp: 255

Ion Ratio Lower Upper

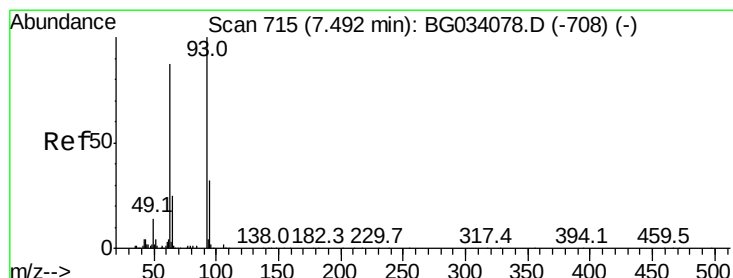
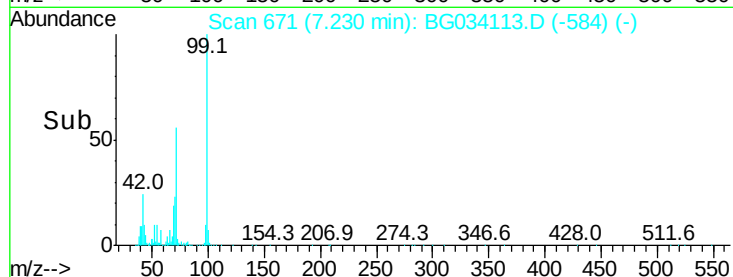
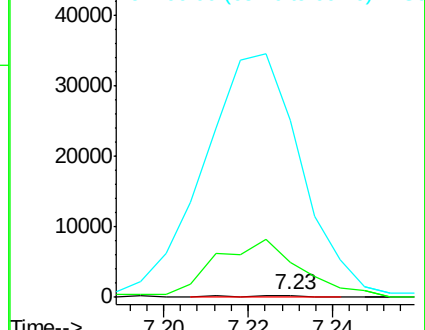
94 100

65 1519.8 11.9 51.9#

66 7760.5 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

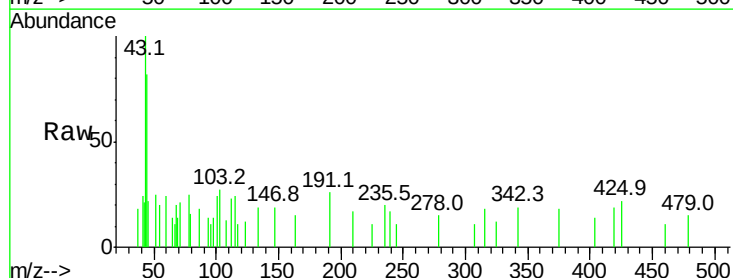
Tgt Ion: 93 Resp: 129

Ion Ratio Lower Upper

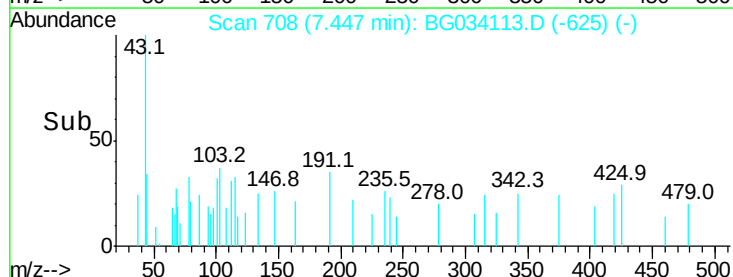
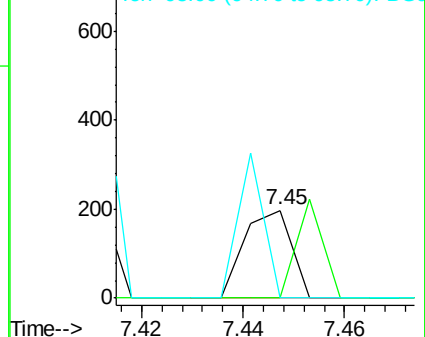
93 100

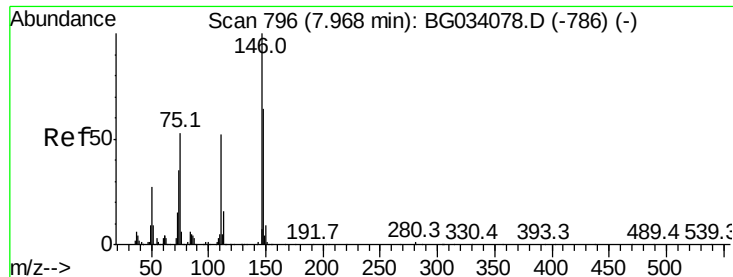
63 0.0 67.1 107.1#

95 81.3 11.5 51.5#



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

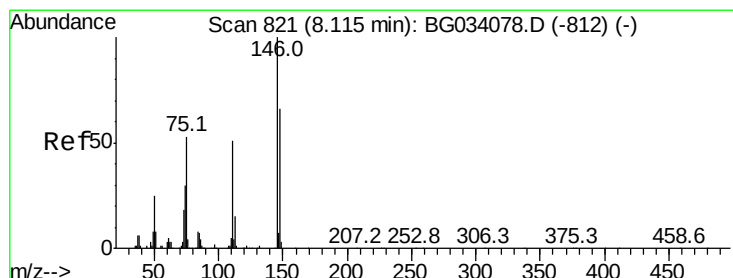
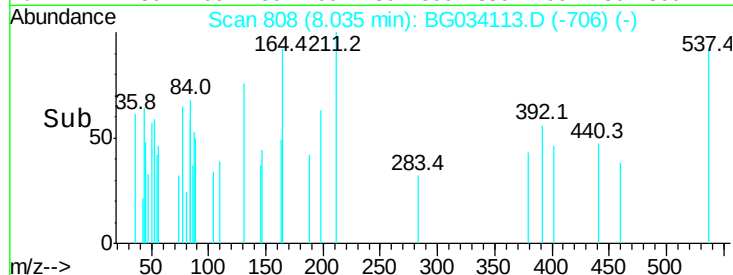
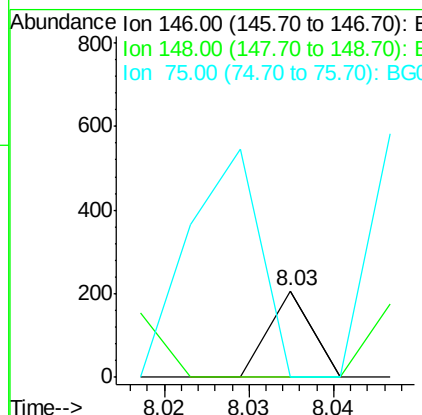
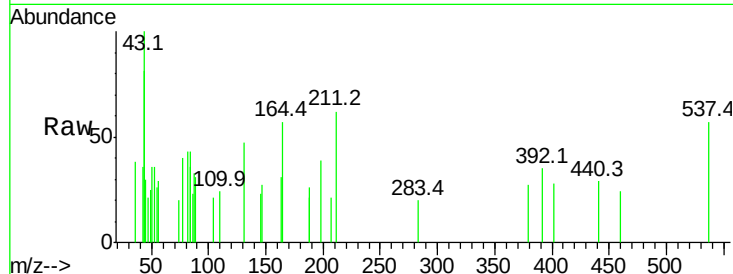




#12
 1,3-Dichlorobenzene
 Concen: 0.014 ng
 RT: 8.03 min Scan# 808
 Delta R.T. 0.07 min
 Lab File: BG034113.D
 Acq: 2 May 2018 13:06

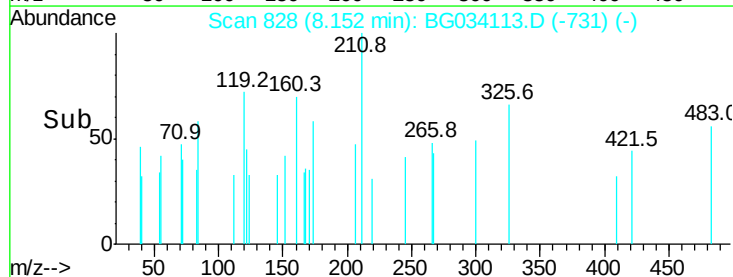
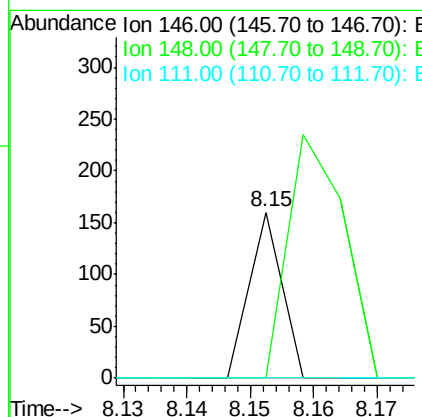
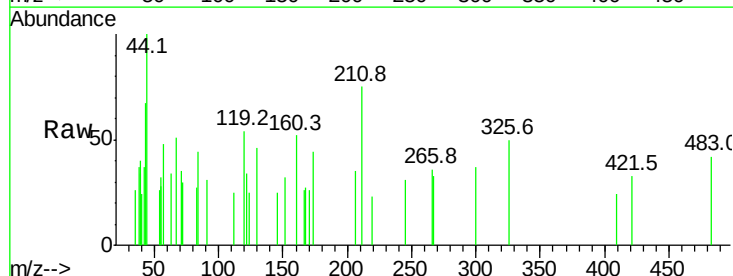
Instrument :
 BNA_G
 ClientSampled :
 ROBEL-1

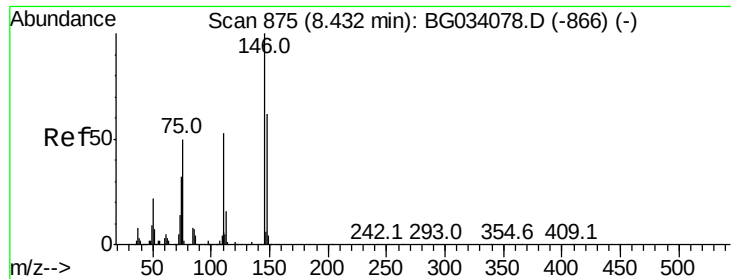
Tot Ion:146 Resp: 73
 Ion Ratio Lower Upper
 146 100
 148 0.0 51.4 77.2#
 75 0.0 26.6 39.8#



#13
 1,4-Dichlorobenzene
 Concen: 0.011 ng
 RT: 8.15 min Scan# 828
 Delta R.T. 0.04 min
 Lab File: BG034113.D
 Acq: 2 May 2018 13:06

Tgt Ion:146 Resp: 56
 Ion Ratio Lower Upper
 146 100
 148 0.0 53.7 80.5#
 111 0.0 35.2 52.8#





#14

1,2-Dichlorobenzene

Concen: 0.011 ng

RT: 8.43 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

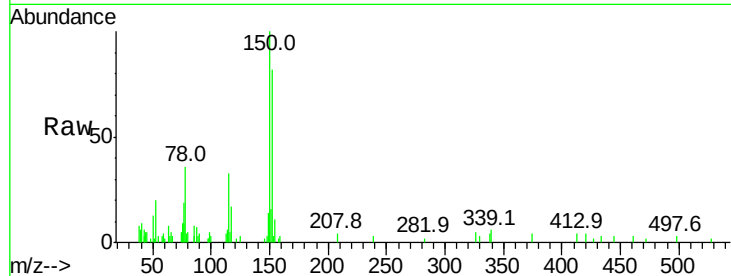
Tot Ion:146 Resp: 56

Ion Ratio Lower Upper

146 100

148 132.7 49.3 73.9#

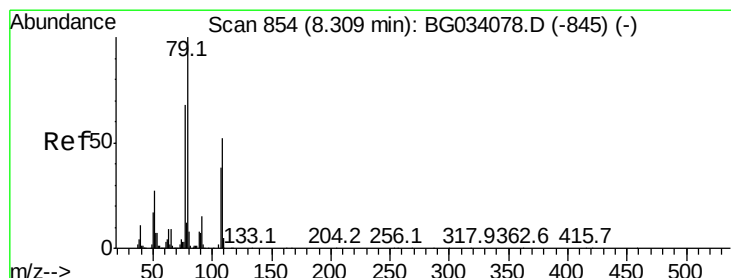
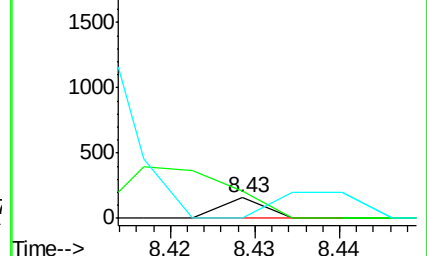
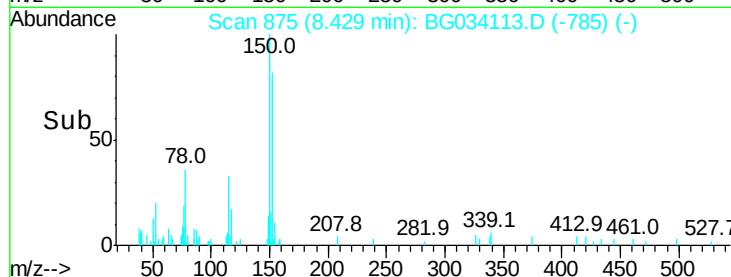
111 0.0 34.3 51.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.906 ng

RT: 8.39 min Scan# 869

Delta R.T. 0.08 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

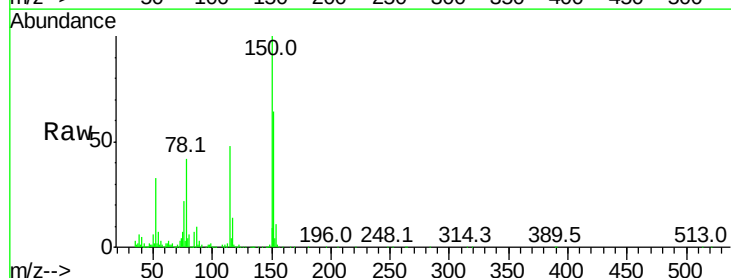
Tgt Ion: 79 Resp: 13423

Ion Ratio Lower Upper

79 100

108 29.2 57.2 85.8#

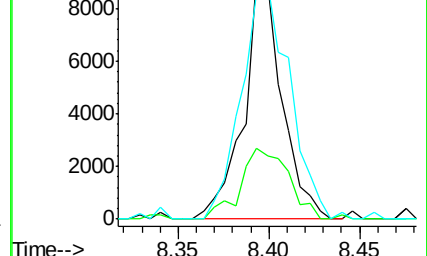
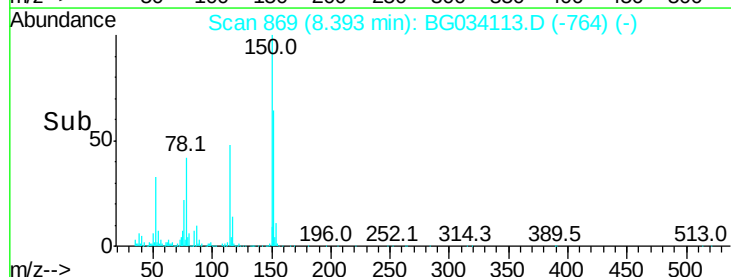
77 92.9 46.1 69.1#

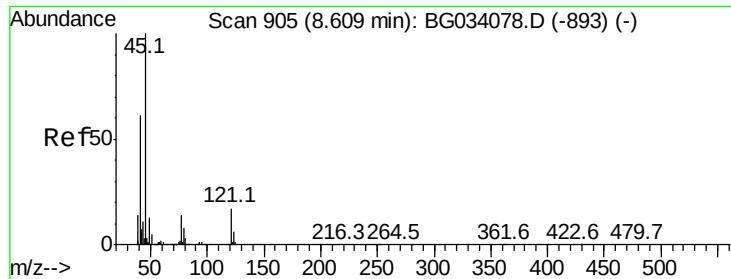


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

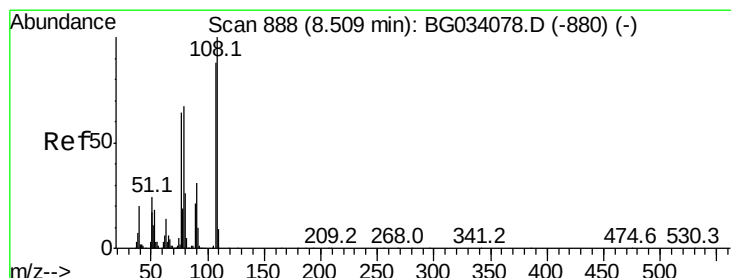
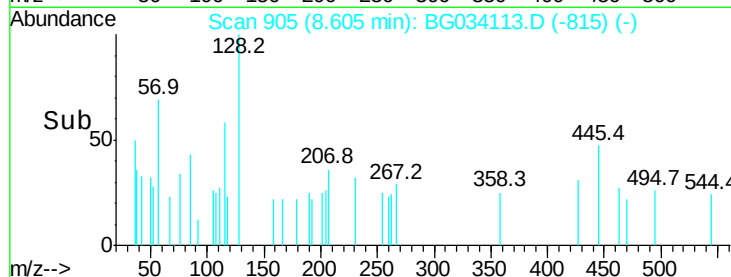
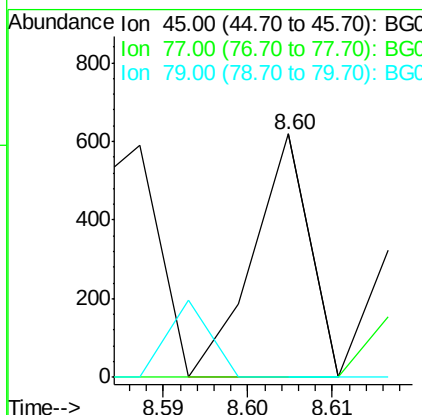
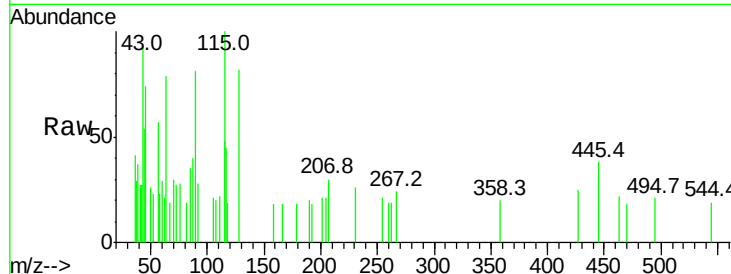




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.039 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

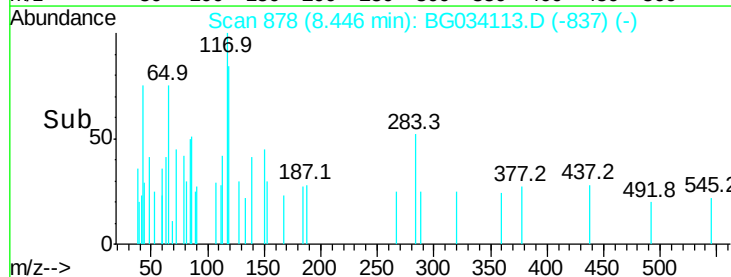
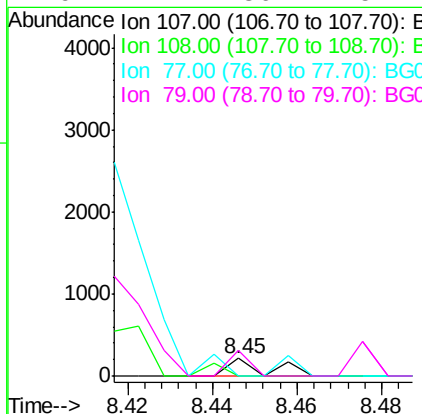
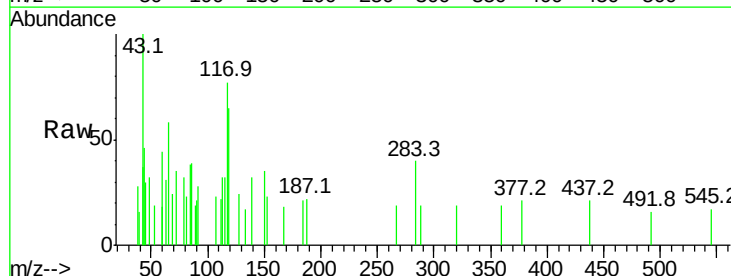
Instrument :
BNA_G
ClientSampleId :
ROBEL-1

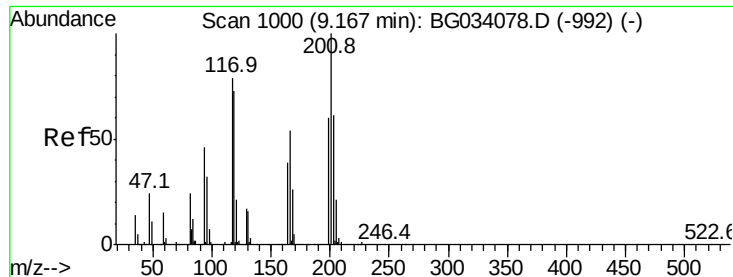
Tot Ion: 45 Resp: 284
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#17
2-Methylphenol
Concen: 0.032 ng
RT: 8.45 min Scan# 878
Delta R.T. -0.06 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion: 107 Resp: 140
Ion Ratio Lower Upper
107 100
108 0.0 83.9 125.9#
77 0.0 37.2 55.8#
79 142.4 36.2 54.2#

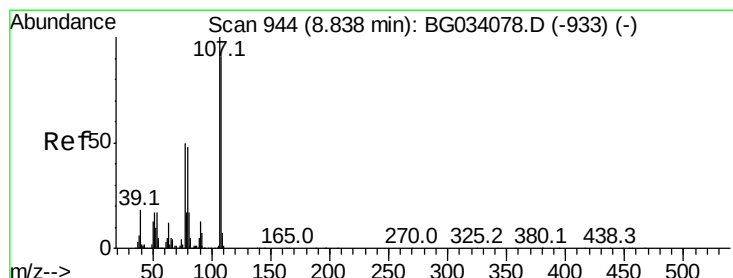
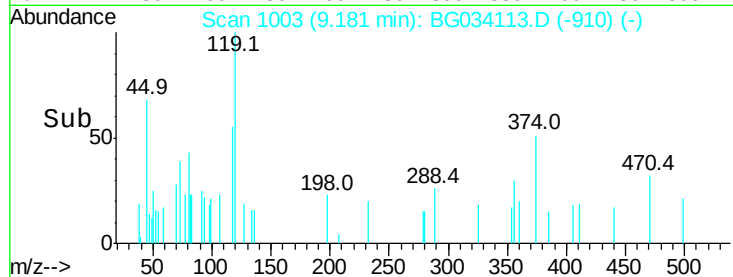
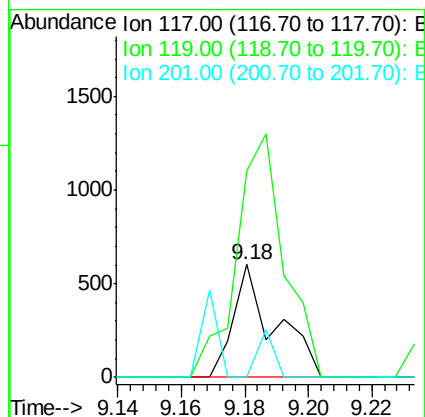
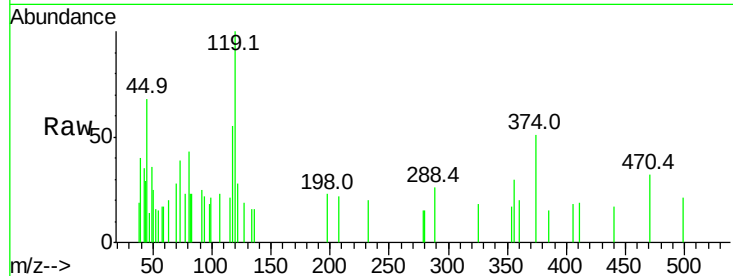




#18
Hexachloroethane
Concen: 0.237 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

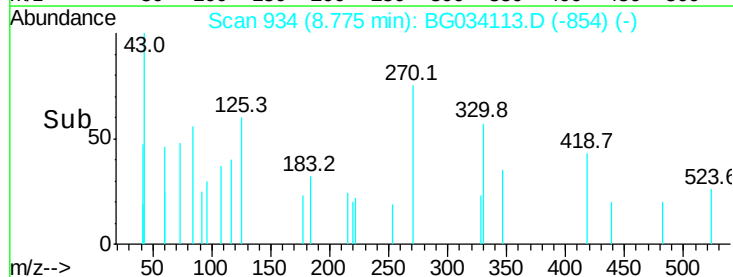
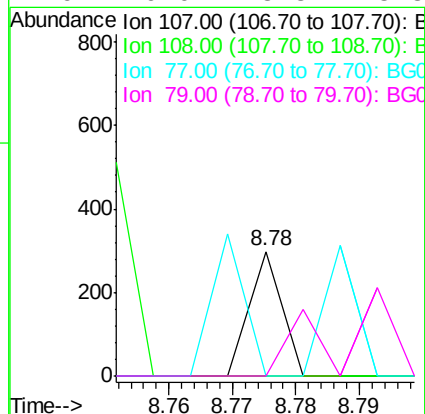
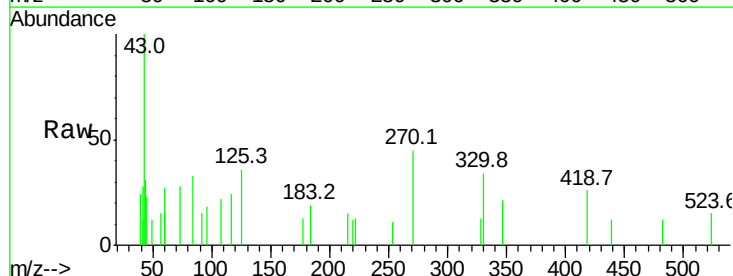
Instrument :
BNA_G
ClientSampleId :
ROBEL-1

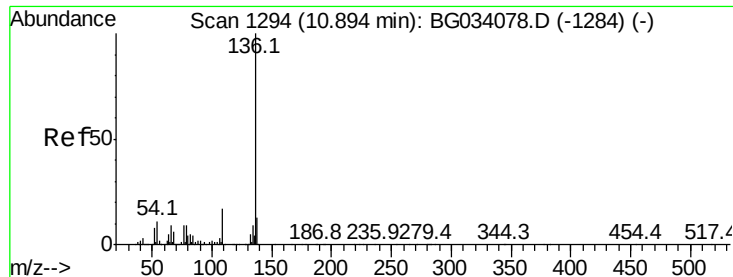
Tot Ion:117 Resp: 537
Ion Ratio Lower Upper
117 100
119 183.4 76.7 115.1#
201 0.0 95.7 143.5#



#20
3+4-Methylphenols
Concen: 0.016 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.06 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:107 Resp: 105
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#

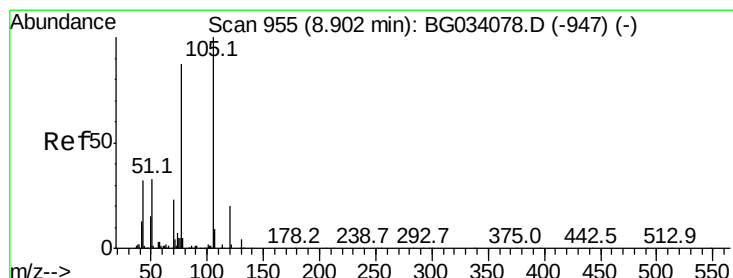
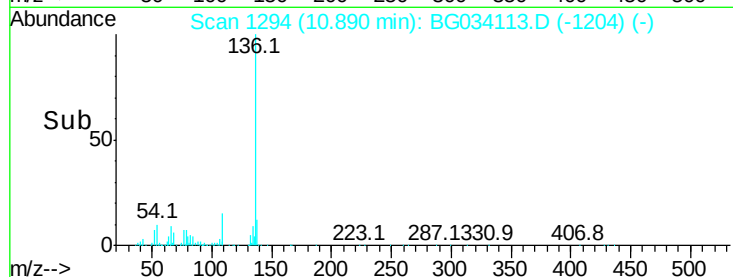
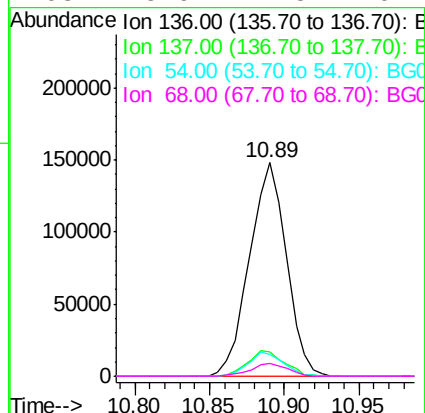
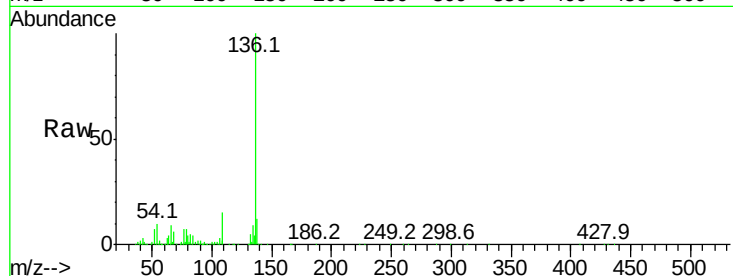




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

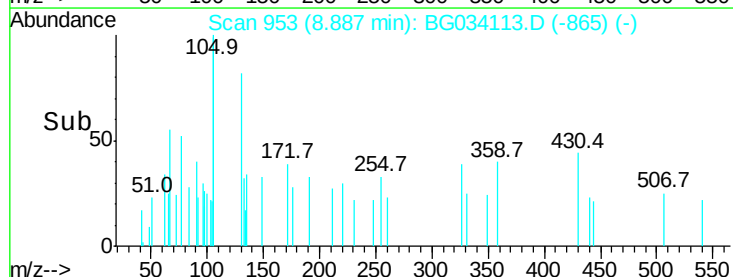
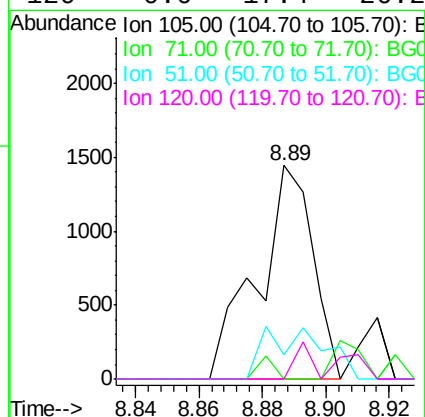
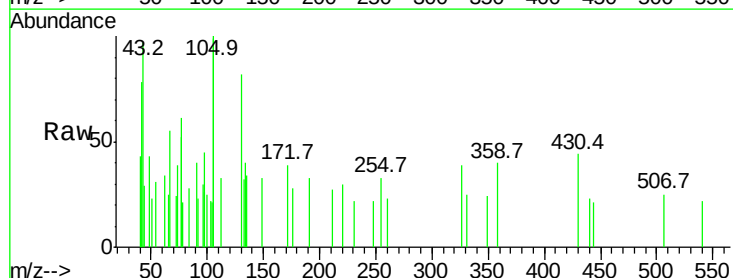
Instrument :
BNA_G
ClientSampleId :
ROBEL-1

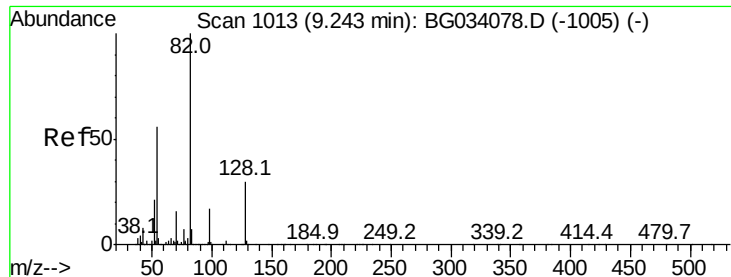
Tot Ion:136	Resp:	252497
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	10.2	10.3 15.5#
68	5.9	4.5 6.7



#22
Acetophenone
Concen: 0.203 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:105	Resp:	1745
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	11.6	26.1 39.1#
120	0.0	17.4 26.2#





#23

Nitrobenzene-d5

Concen: 100.729 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampled :

ROBEL-1

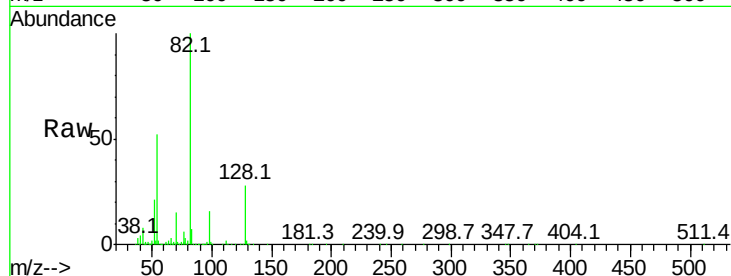
Tot Ion: 82 Resp: 662887

Ion Ratio Lower Upper

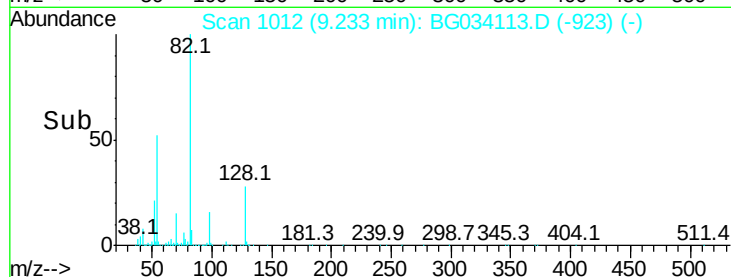
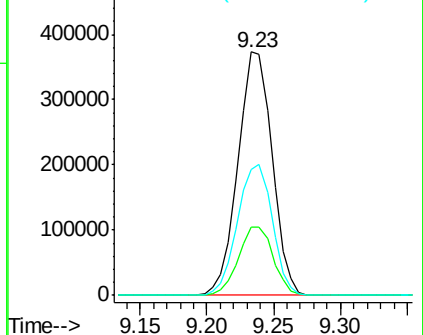
82 100

128 28.0 29.7 44.5#

54 51.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 0.024 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

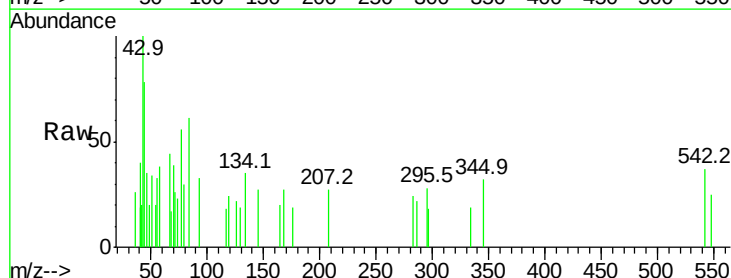
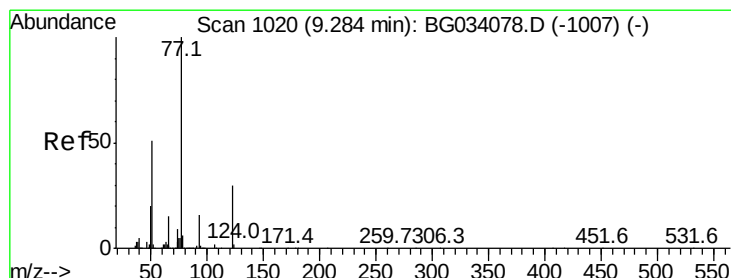
Tgt Ion: 77 Resp: 174

Ion Ratio Lower Upper

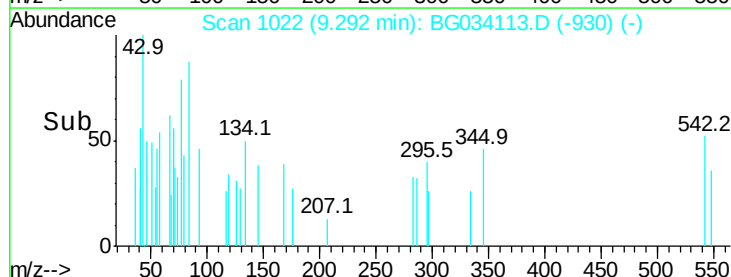
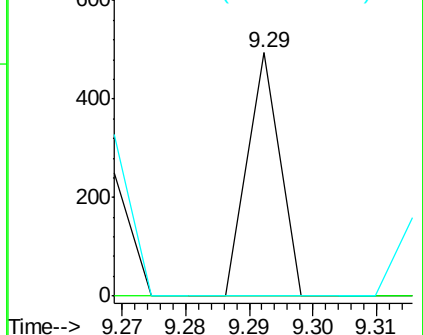
77 100

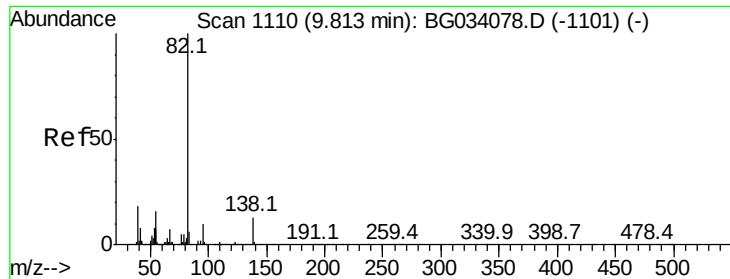
123 0.0 33.0 49.6#

65 0.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.017 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

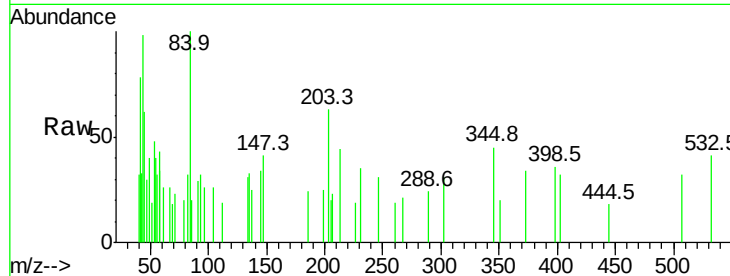
Tot Ion: 82 Resp: 225

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

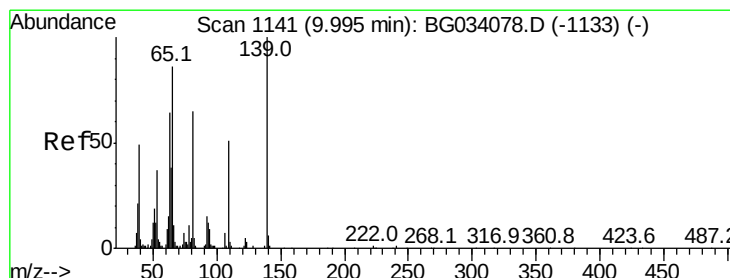
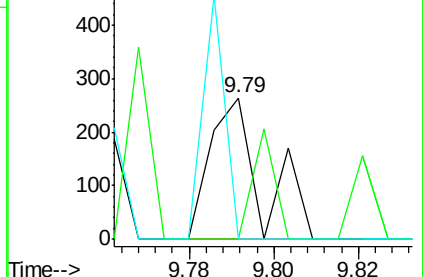
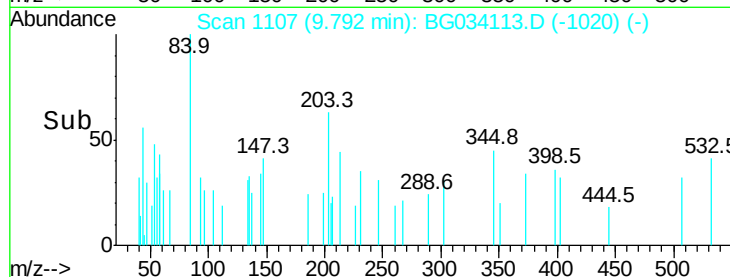
138 0.0 12.1 18.1#



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: 0.067 ng

RT: 9.95 min Scan# 1134

Delta R.T. -0.04 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

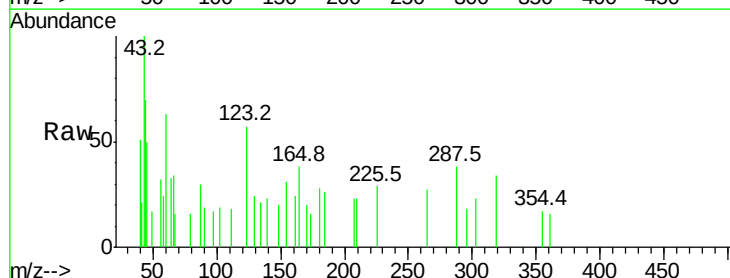
Tgt Ion: 139 Resp: 133

Ion Ratio Lower Upper

139 100

109 0.0 24.2 36.2#

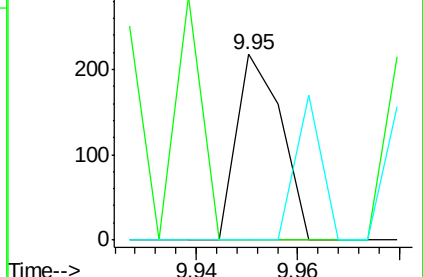
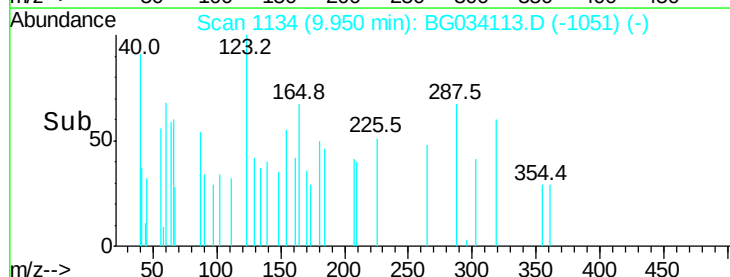
65 0.0 47.4 71.0#

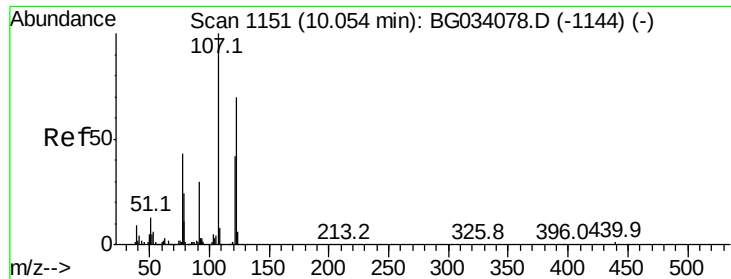


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 0.015 ng

RT: 10.04 min Scan# 1150

Delta R.T. -0.01 min

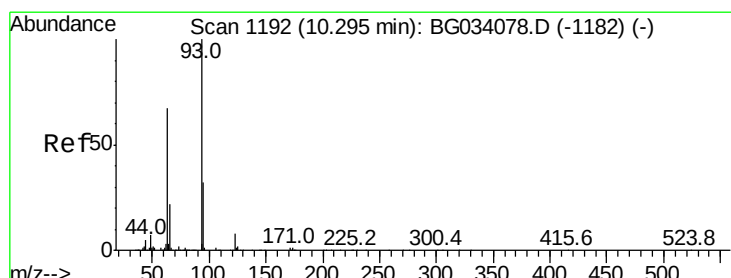
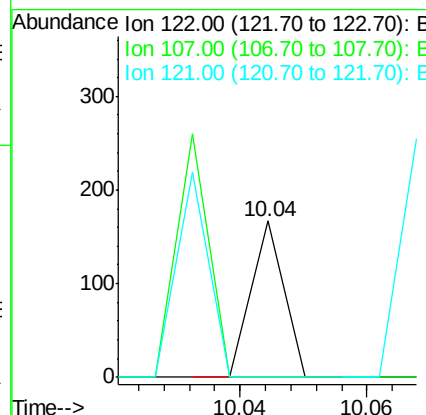
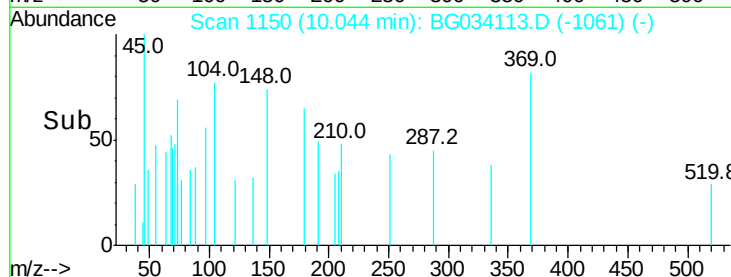
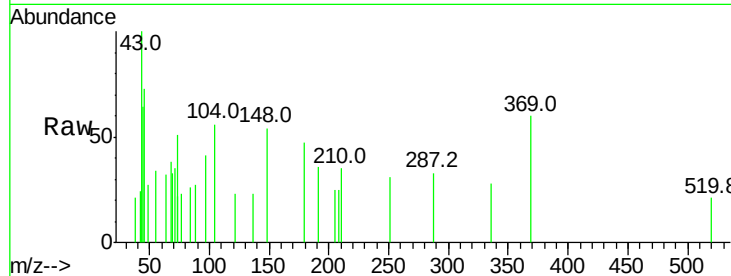
Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :
BNA_G
ClientSampleId :
ROBEL-1

Tot Ion:122 Resp: 59

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	100.0	44.4	66.6#



#28

bis(2-Chloroethoxy)methane

Concen: 0.010 ng

RT: 10.31 min Scan# 1195

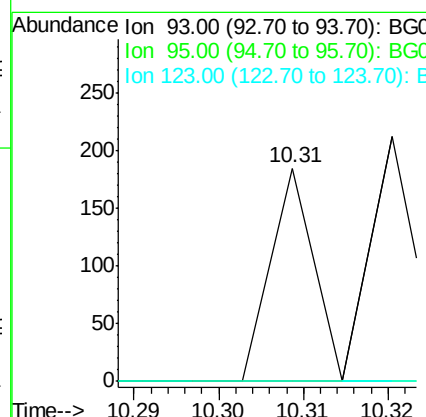
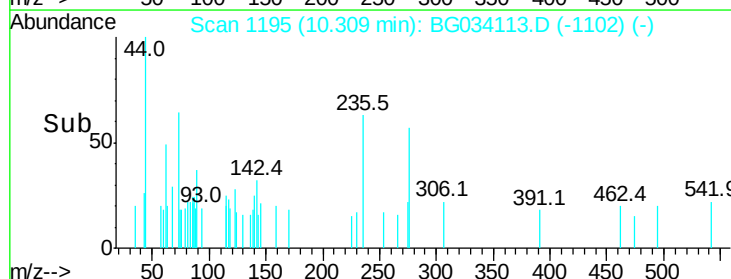
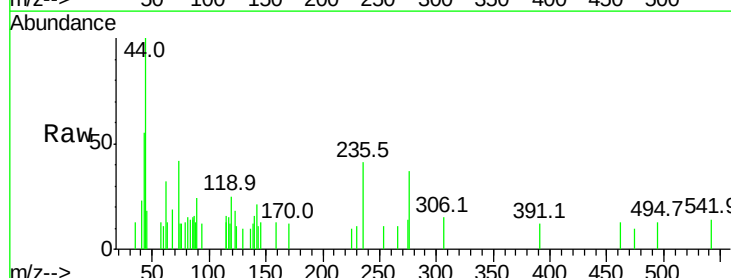
Delta R.T. 0.01 min

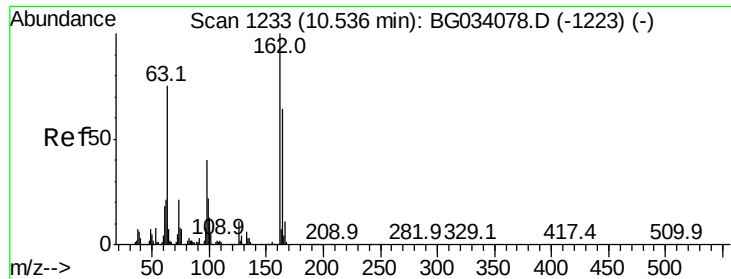
Lab File: BG034113.D

Acq: 2 May 2018 13:06

Tgt Ion: 93 Resp: 65

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

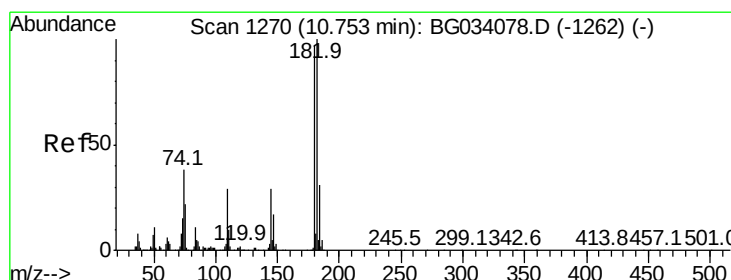
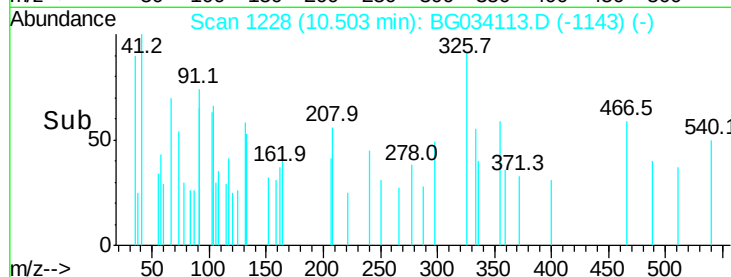
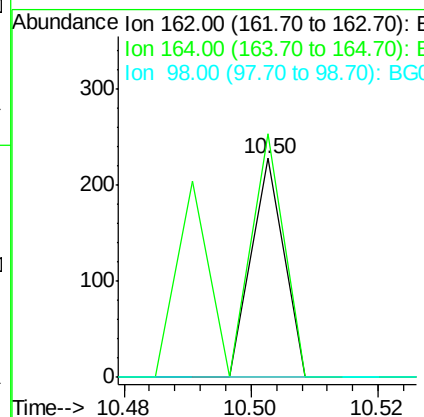
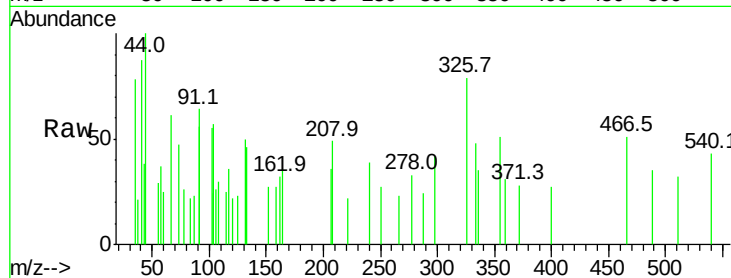




#29
2,4-Dichlorophenol
Concen: 0.017 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.03 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

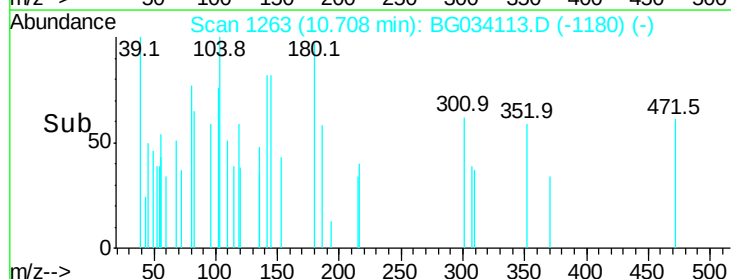
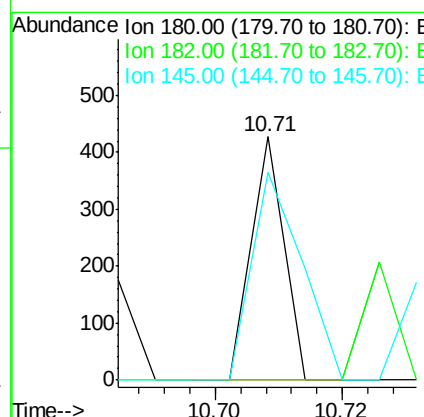
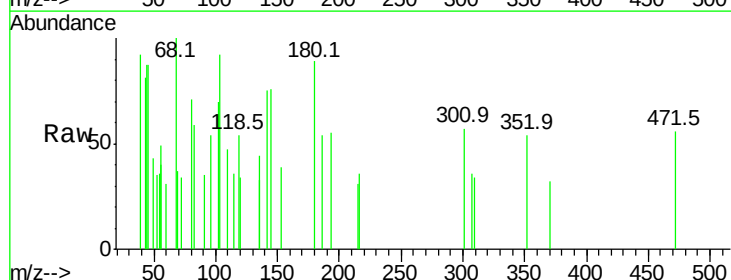
Instrument :
BNA_G
ClientSampleId :
ROBEL-1

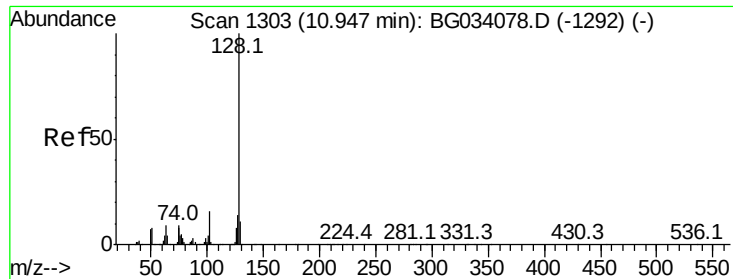
Tot Ion:162 Resp: 80
Ion Ratio Lower Upper
162 100
164 111.5 48.0 88.0#
98 0.0 21.1 61.1#



#30
1,2,4-Trichlorobenzene
Concen: 0.027 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:180 Resp: 151
Ion Ratio Lower Upper
180 100
182 0.0 77.5 116.3#
145 85.0 23.4 35.2#

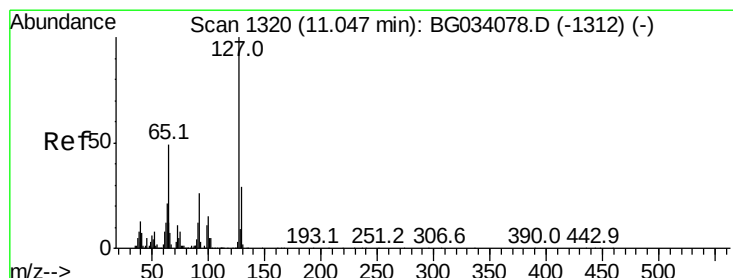
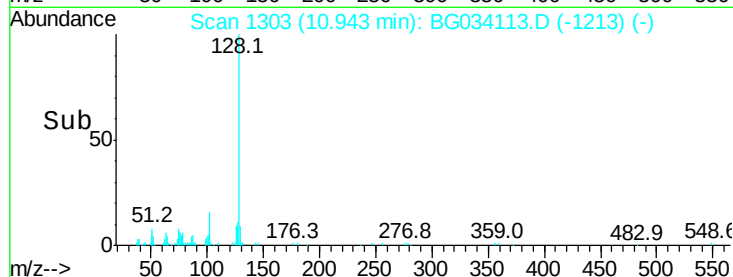
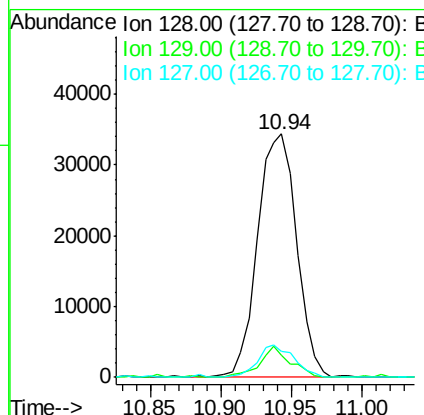
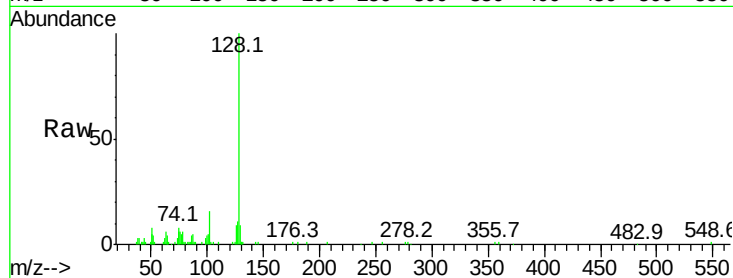




#31
Naphthalene
Concen: 5.023 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

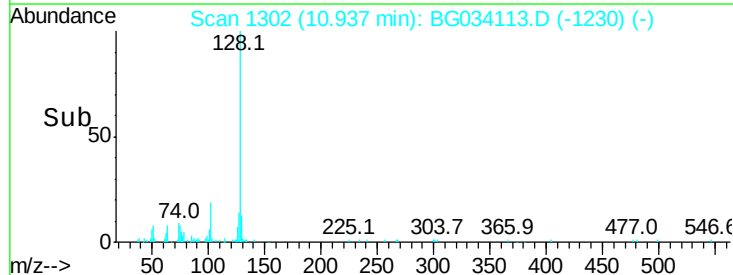
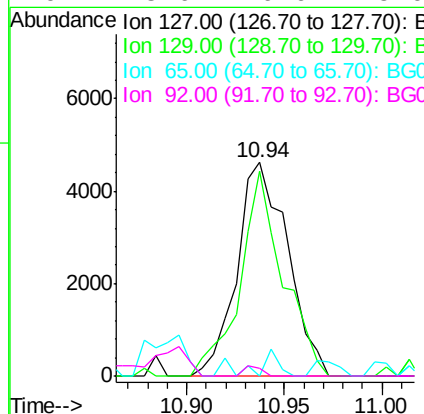
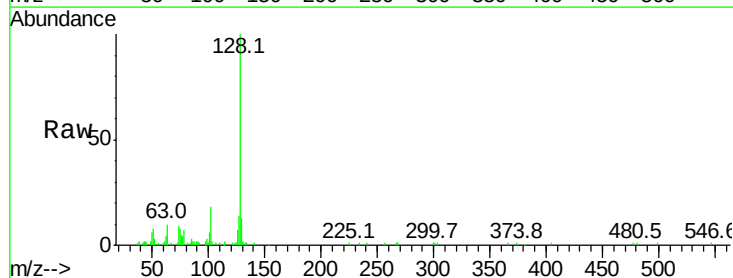
Instrument :
BNA_G
ClientSampleId :
ROBEL-1

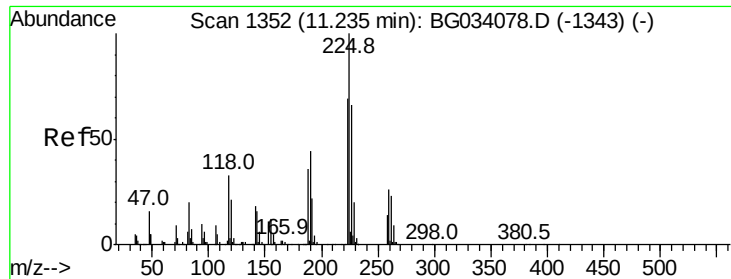
Tot Ion:128 Resp: 66667
Ion Ratio Lower Upper
128 100
129 9.0 8.6 12.8
127 10.6 11.6 17.4#



#33
4-Chloroaniline
Concen: 1.386 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.11 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:127 Resp: 8297
Ion Ratio Lower Upper
127 100
129 95.7 24.0 36.0#
65 0.0 27.0 40.4#
92 3.6 16.6 25.0#





#34

Hexachlorobutadiene

Concen: 0.015 ng

RT: 11.26 min Scan# 1357

Delta R.T. 0.03 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

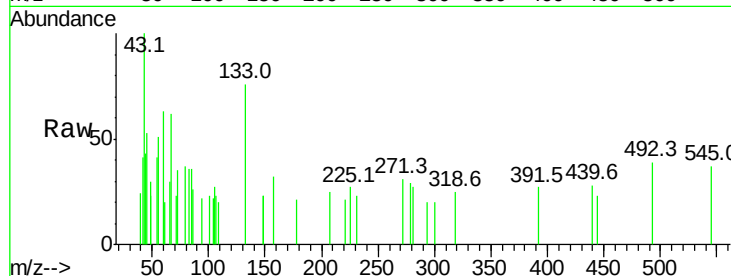
Tot Ion:225 Resp: 72

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

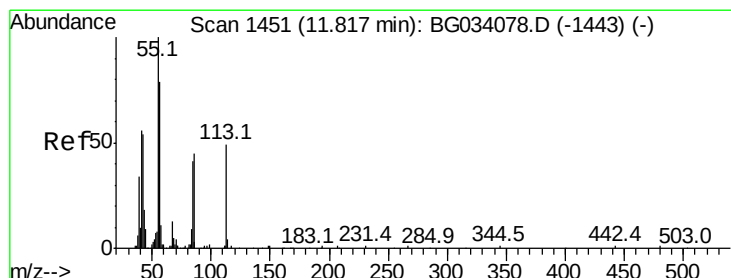
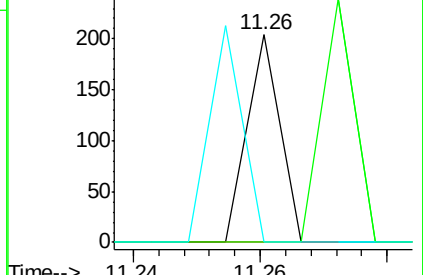
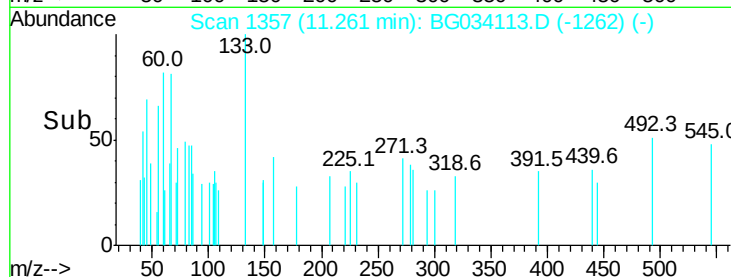
227 0.0 48.1 72.1#



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



#35

Caprolactam

Concen: 0.047 ng

RT: 11.87 min Scan# 1461

Delta R.T. 0.05 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

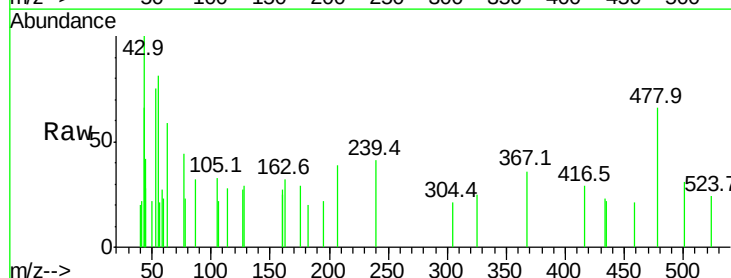
Tgt Ion:113 Resp: 77

Ion Ratio Lower Upper

113 100

55 286.8 186.9 226.9#

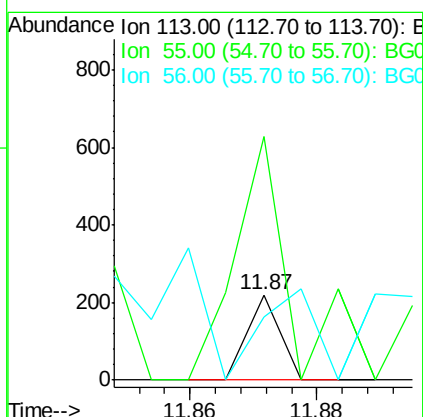
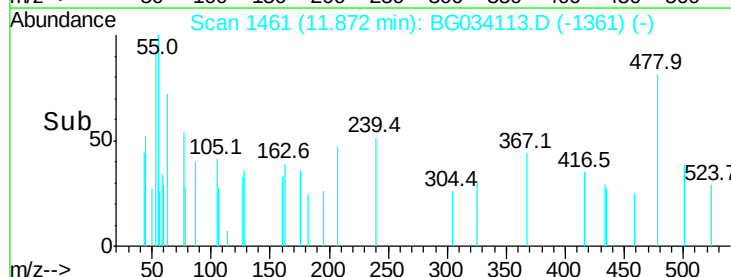
56 74.4 130.9 170.9#

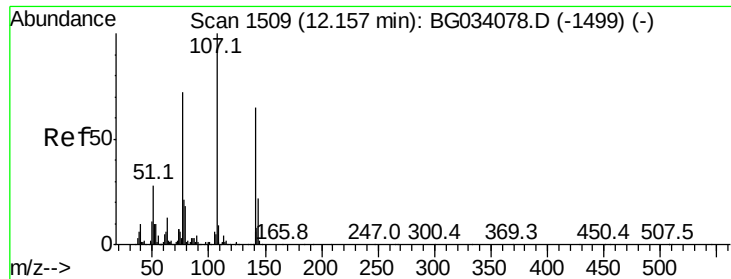


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

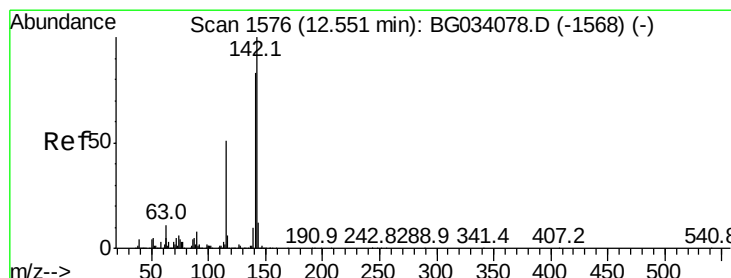
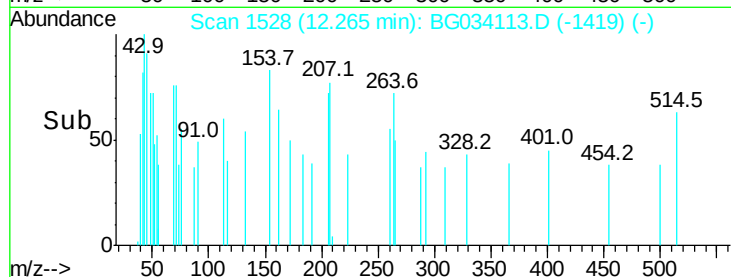
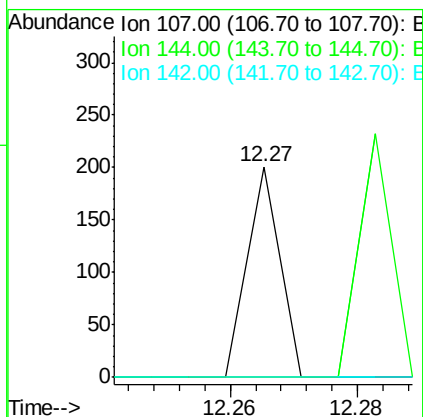
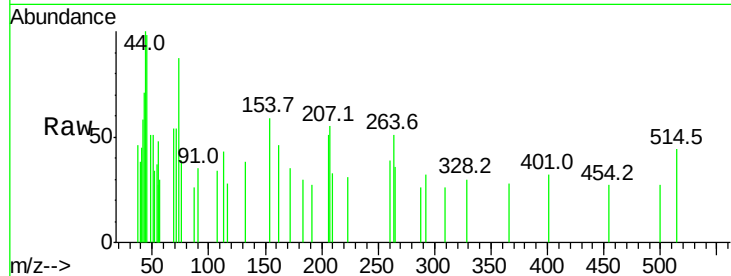




#36
 4-Chloro-3-methylphenol
 Concen: 0.012 ng
 RT: 12.27 min Scan# 1528
 Delta R.T. 0.11 min
 Lab File: BG034113.D
 Acq: 2 May 2018 13:06

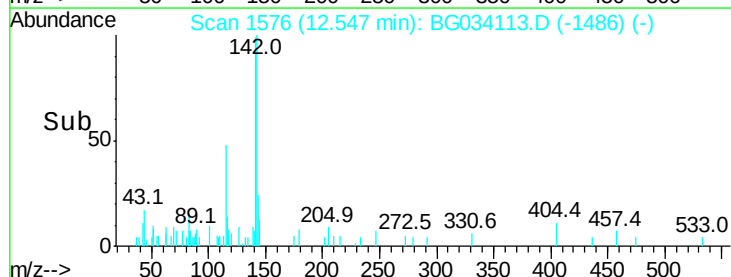
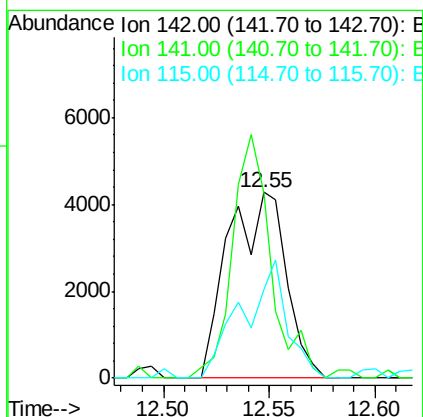
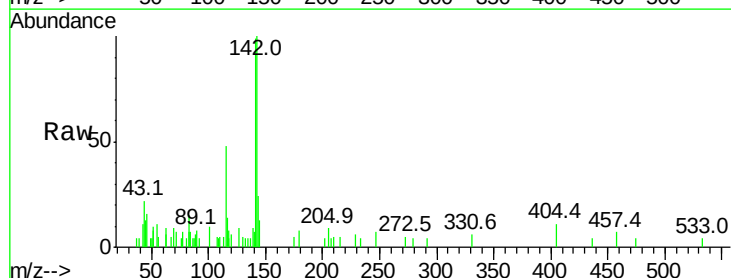
Instrument :
 BNA_G
 ClientSampleId :
 ROBEL-1

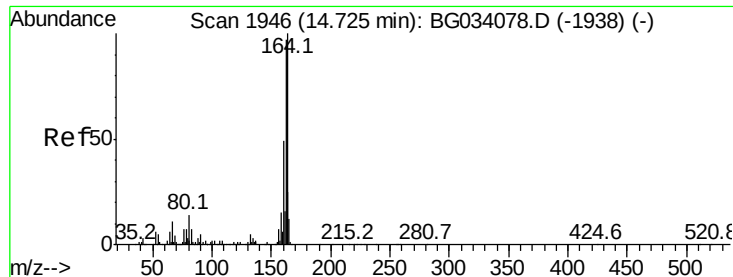
Tot Ion:107 Resp: 71
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#



#37
 2-Methylnaphthalene
 Concen: 0.756 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BG034113.D
 Acq: 2 May 2018 13:06

Tgt Ion:142 Resp: 8137
 Ion Ratio Lower Upper
 142 100
 141 99.4 67.1 100.7
 115 48.0 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: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

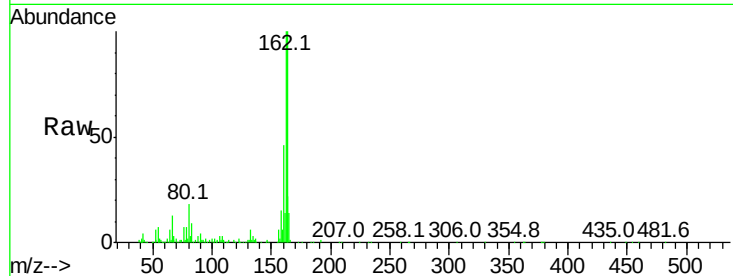
Tot Ion:164 Resp: 193509

Ion Ratio Lower Upper

164 100

162 100.5 78.8 118.2

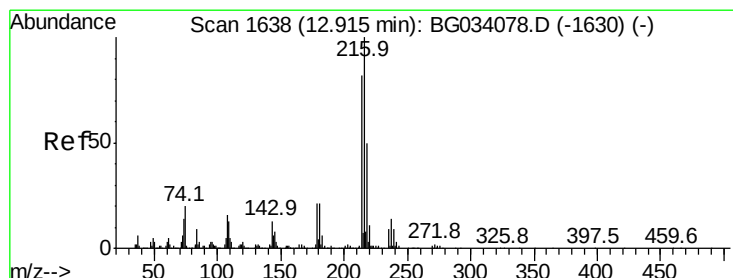
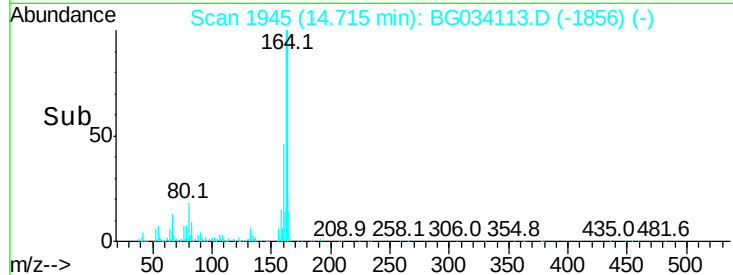
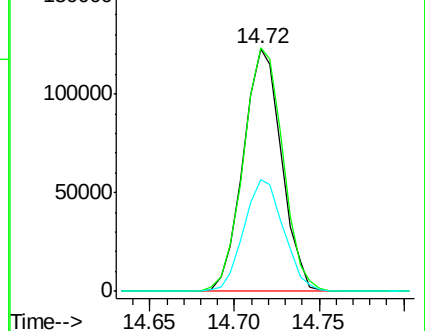
160 46.0 35.4 53.0



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: 0.008 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.02 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Tgt Ion:216 Resp: 62

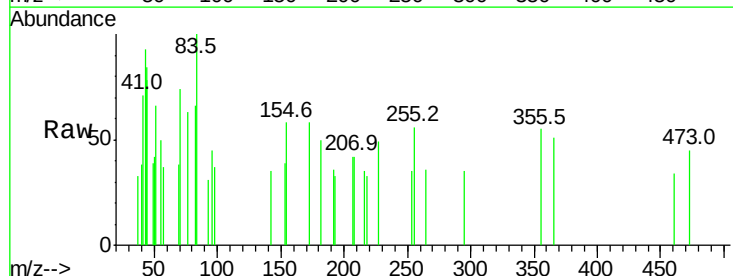
Ion Ratio Lower Upper

216 100

214 333.9 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

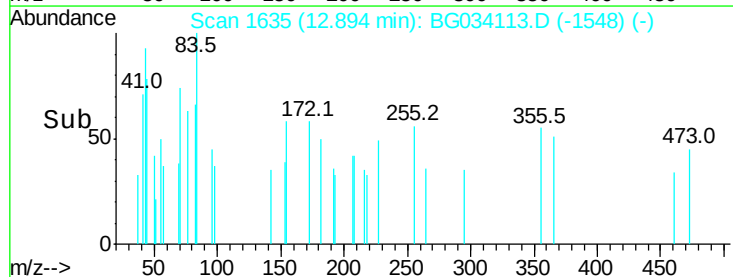
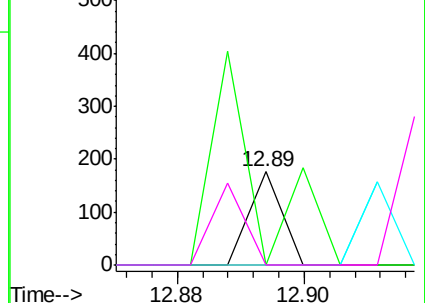


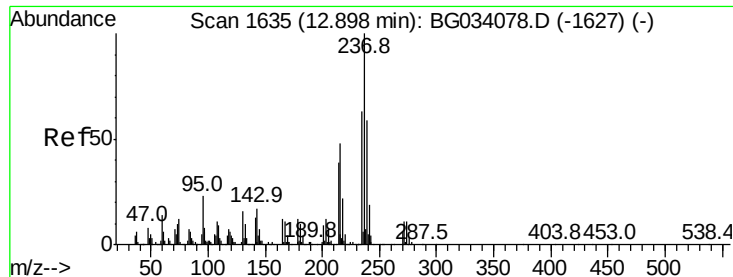
Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.016 ng

RT: 12.96 min Scan# 1647

Delta R.T. 0.07 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

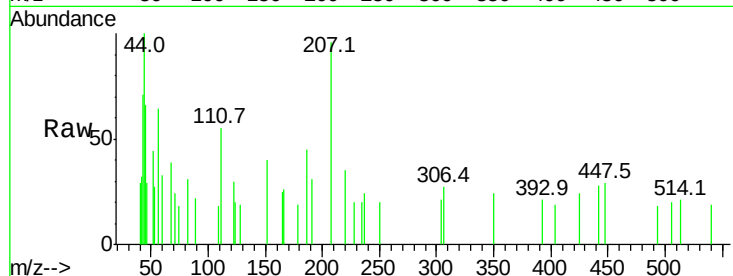
Tot Ion:237 Resp: 69

Ion Ratio Lower Upper

237 100

235 85.6 50.4 90.4

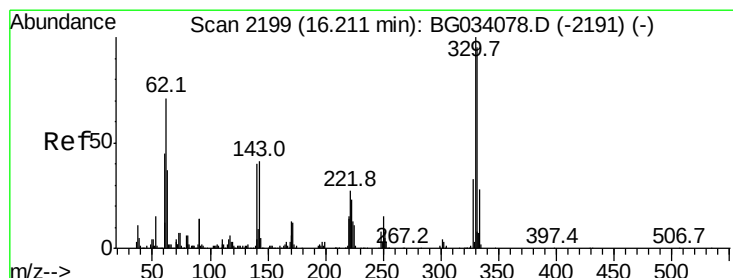
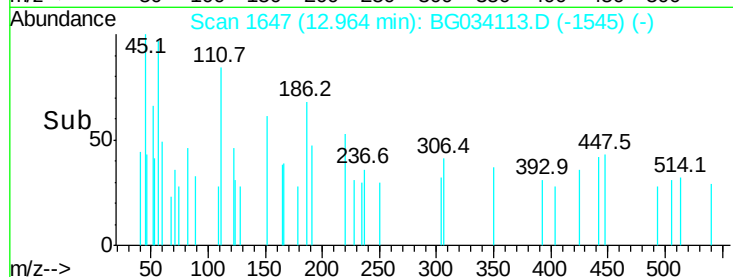
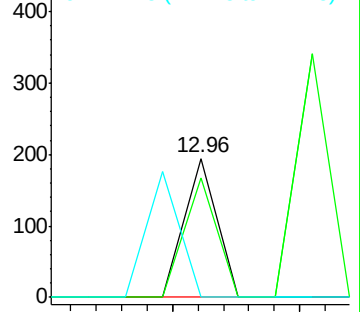
272 0.0 0.0 31.8



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: 155.789 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

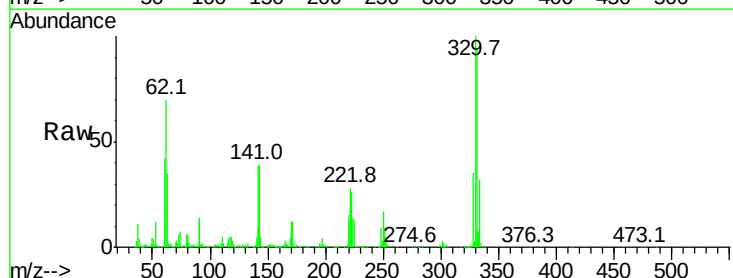
Tgt Ion:330 Resp: 417442

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

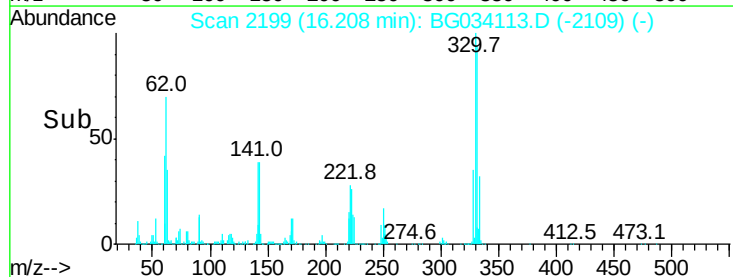
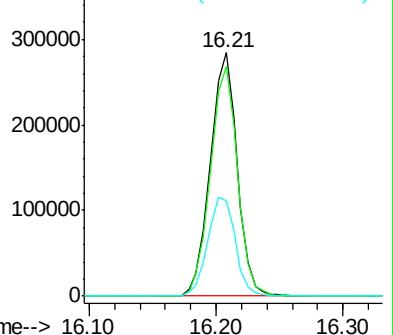
141 41.7 25.2 37.8#

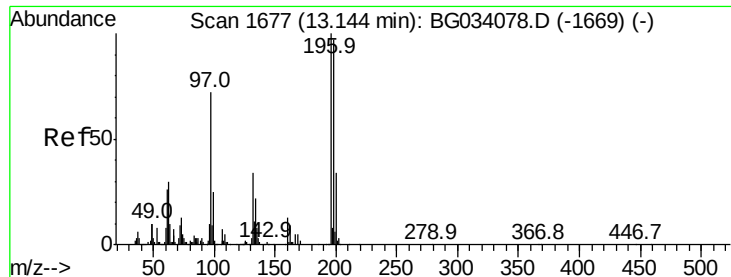


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 0.015 ng

RT: 13.09 min Scan# 1669

Delta R.T. -0.05 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

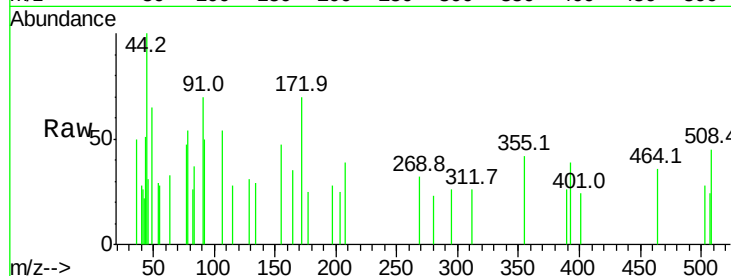
Tot Ion:196 Resp: 67

Ion Ratio Lower Upper

196 100

198 0.0 78.2 117.2#

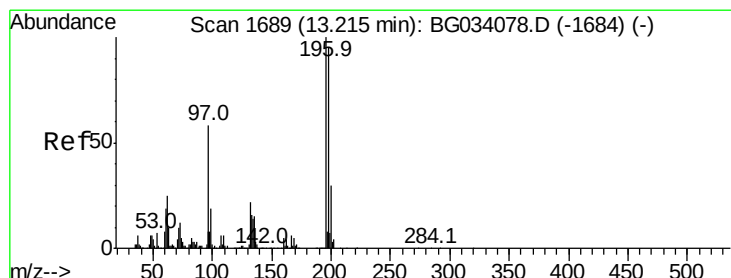
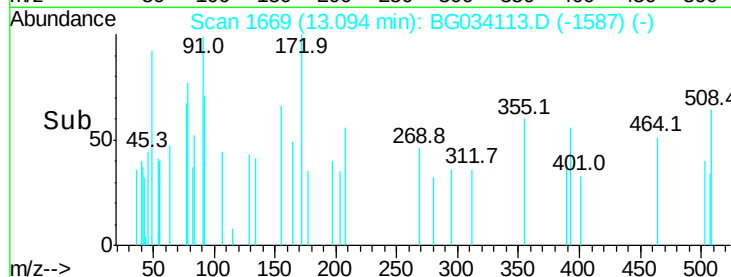
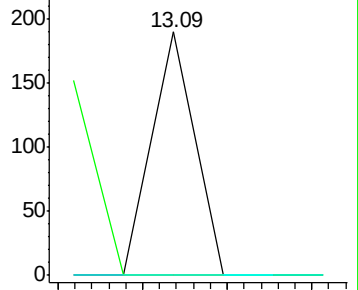
200 0.0 24.6 36.8#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 0.012 ng

RT: 13.23 min Scan# 1692

Delta R.T. 0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Tgt Ion:196 Resp: 58

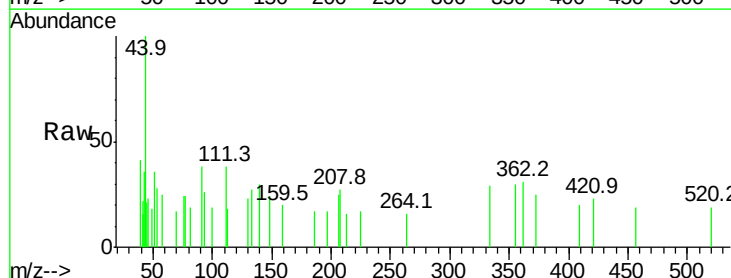
Ion Ratio Lower Upper

196 100

198 0.0 76.2 114.4#

97 0.0 38.7 58.1#

132 0.0 20.2 30.2#

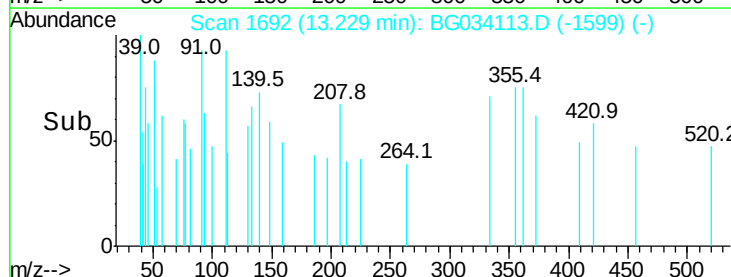
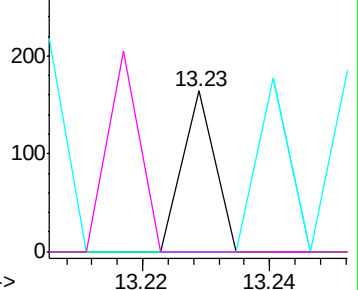


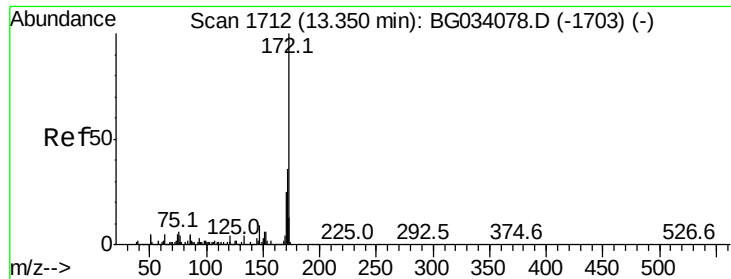
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

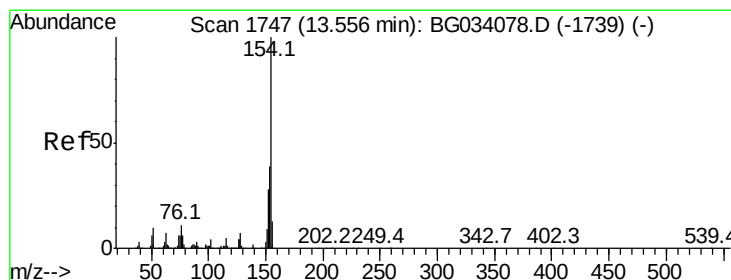
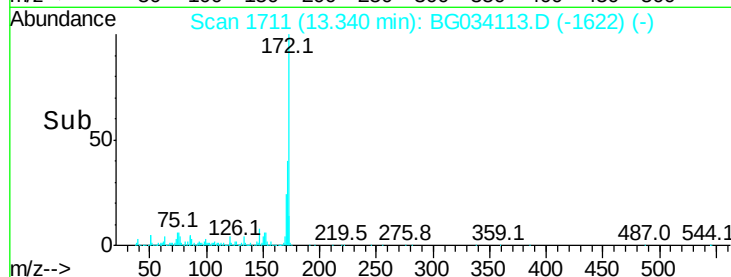
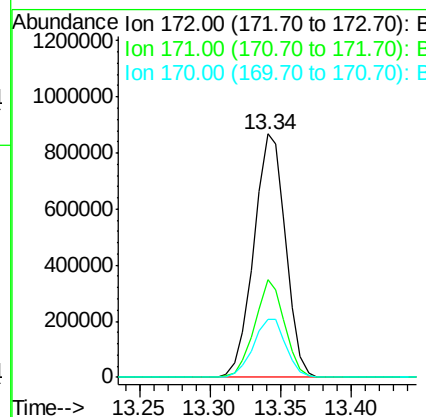
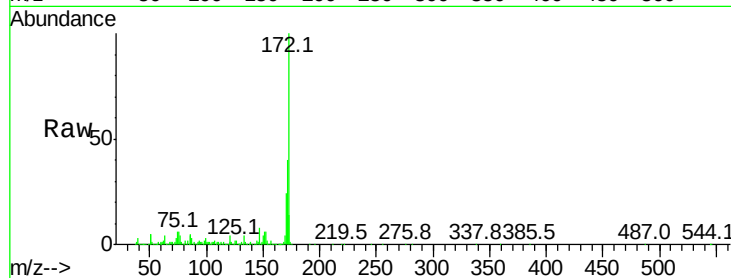




#44
2-Fluorobiphenyl
Concen: 103.003 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

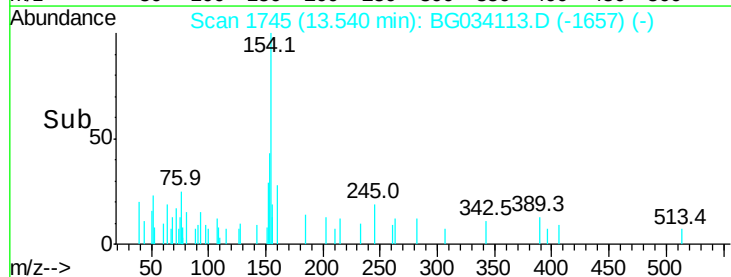
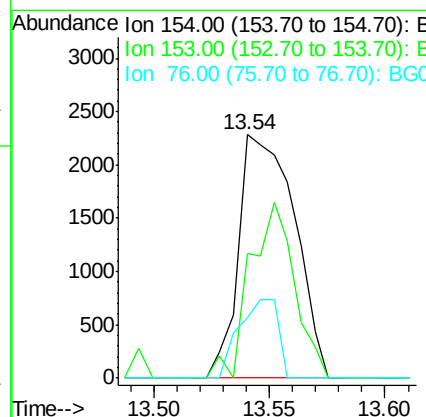
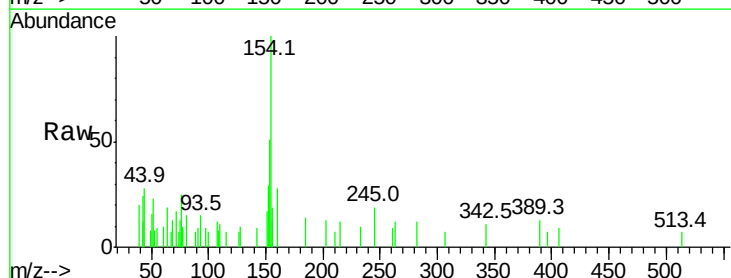
Instrument :
BNA_G
ClientSampleId :
ROBEL-1

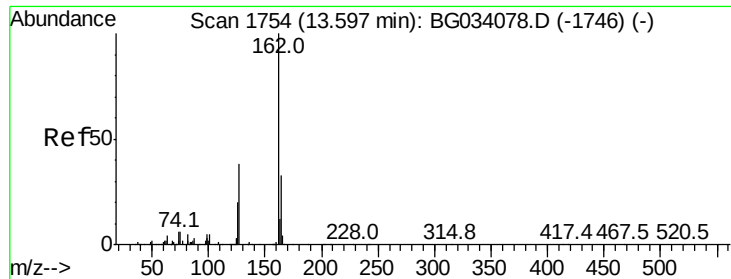
Tot Ion:172 Resp: 1367865
Ion Ratio Lower Upper
172 100
171 40.1 30.0 45.0
170 24.0 19.5 29.3



#45
1,1'-Biphenyl
Concen: 0.255 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:154 Resp: 3849
Ion Ratio Lower Upper
154 100
153 51.2 19.8 59.8
76 24.6 0.0 31.9

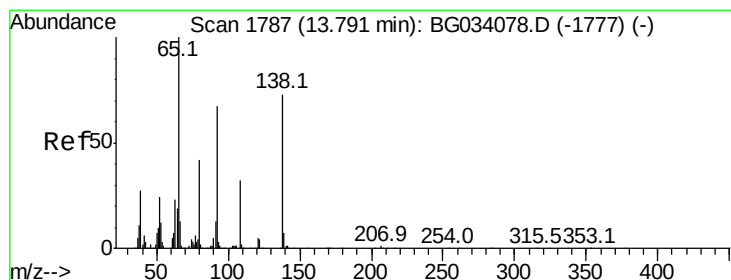
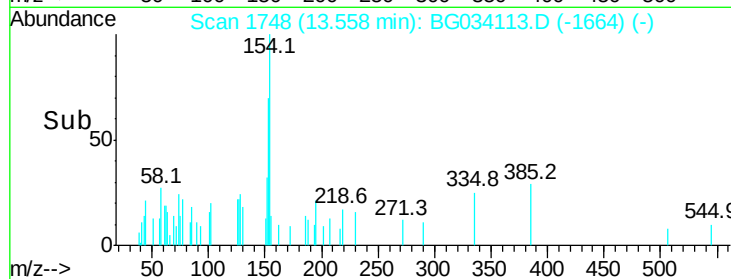
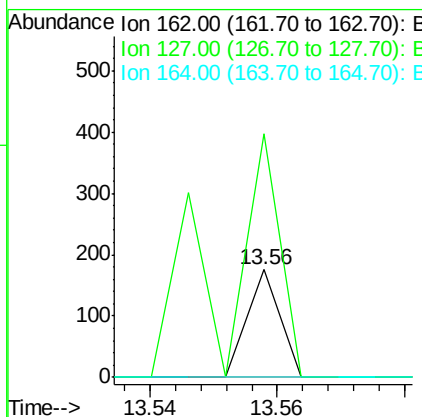
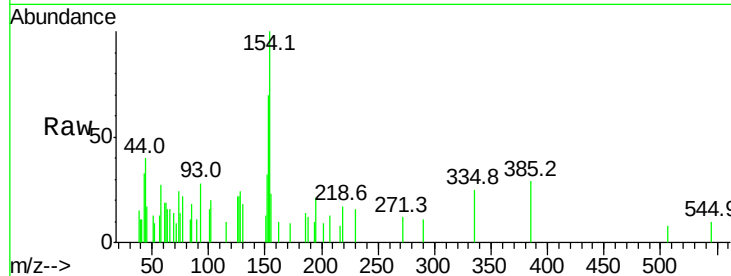




#46
2-Chloronaphthalene
Concen: 0.005 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.04 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

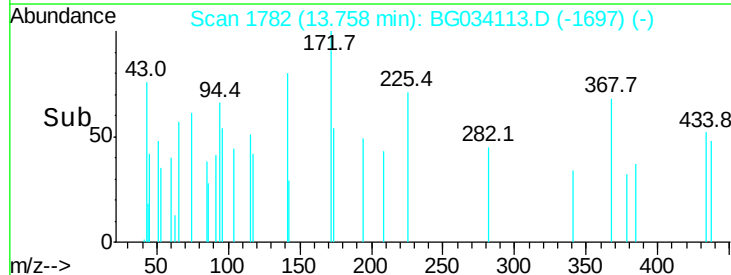
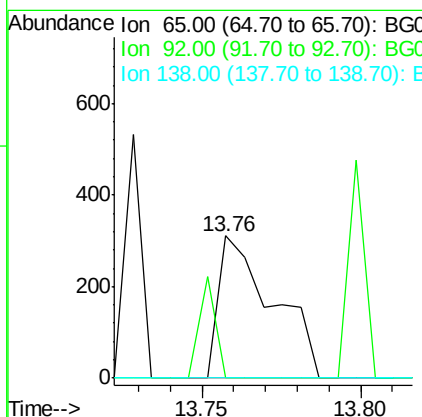
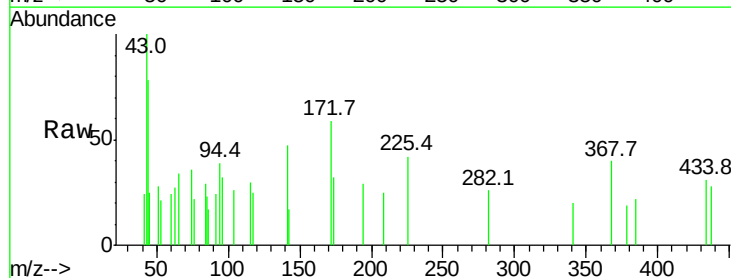
Instrument :
BNA_G
ClientSampleId :
ROBEL-1

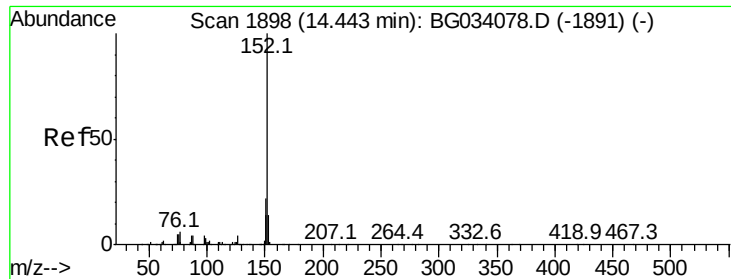
Tot Ion:162 Resp: 62
Ion Ratio Lower Upper
162 100
127 226.9 30.7 46.1#
164 0.0 26.0 39.0#



#47
2-Nitroaniline
Concen: 0.081 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion: 65 Resp: 369
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#





#48

Acenaphthylene

Concen: 0.084 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

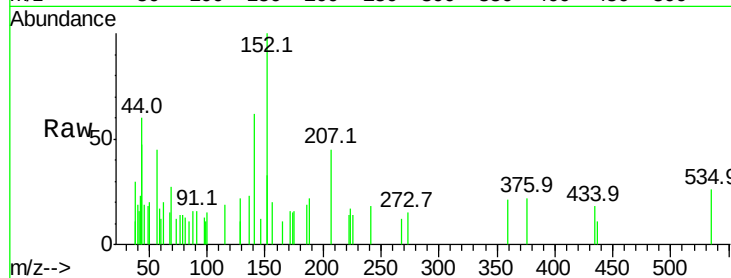
Tot Ion:152 Resp: 1541

Ion Ratio Lower Upper

152 100

151 33.0 17.2 25.8#

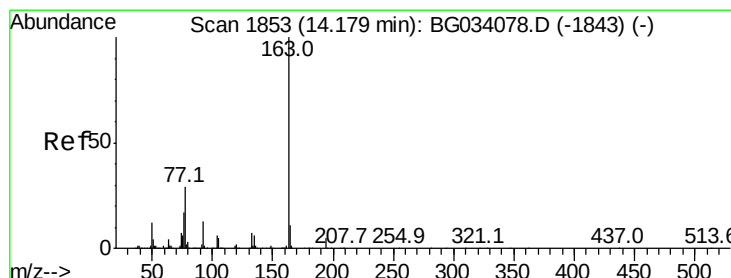
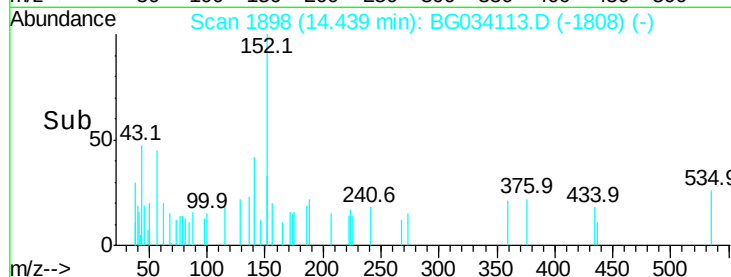
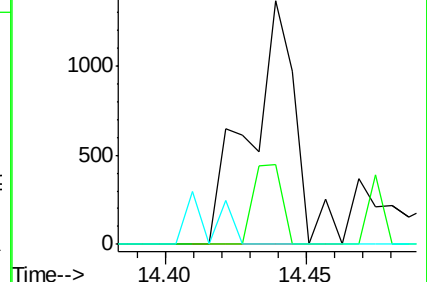
153 0.0 10.2 15.4#



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: 0.010 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.02 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

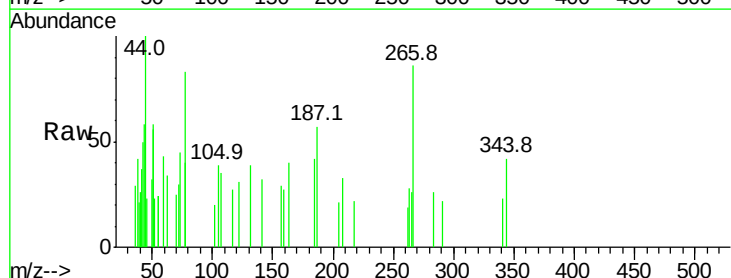
Tgt Ion:163 Resp: 175

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

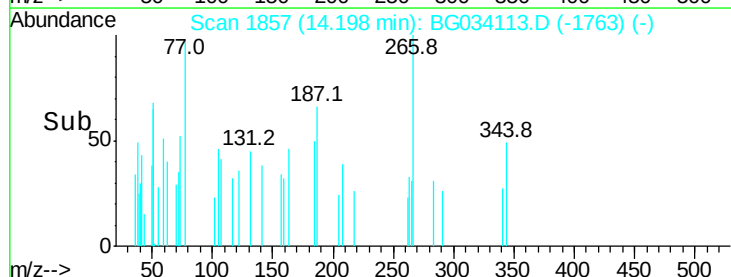
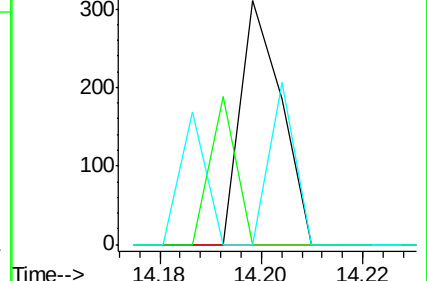
164 0.0 8.2 12.4#

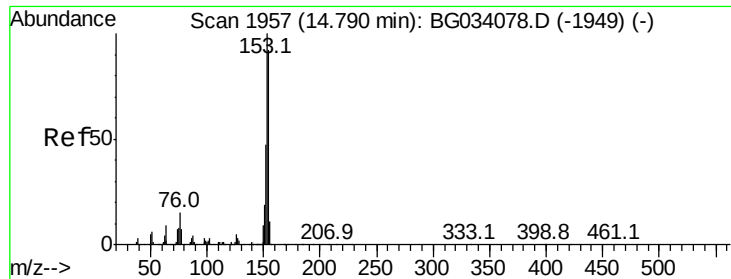


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.276 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

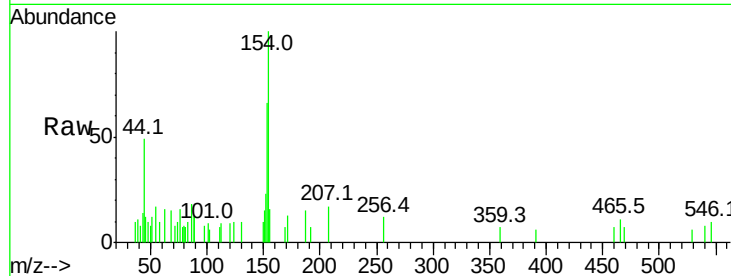
Tot Ion:154 Resp: 3423

Ion Ratio Lower Upper

154 100

153 65.8 90.4 135.6#

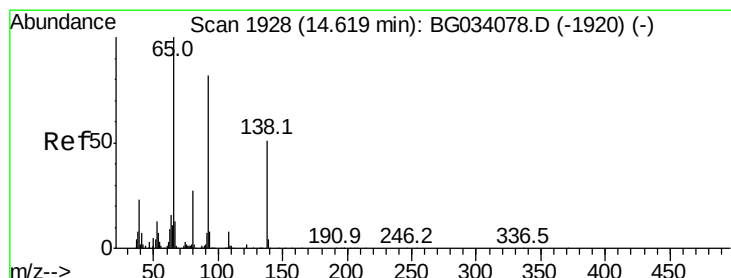
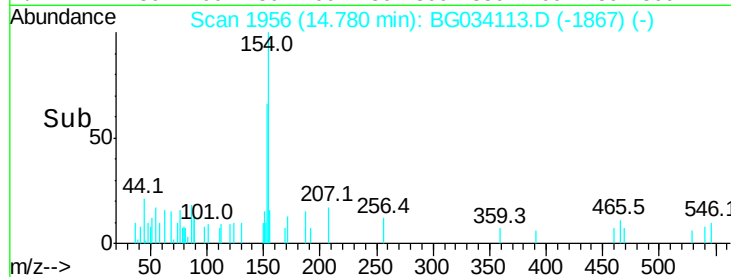
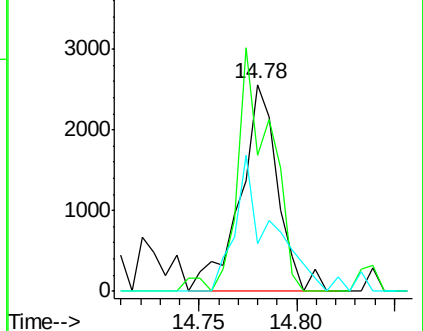
152 23.1 41.6 62.4#



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: 0.065 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

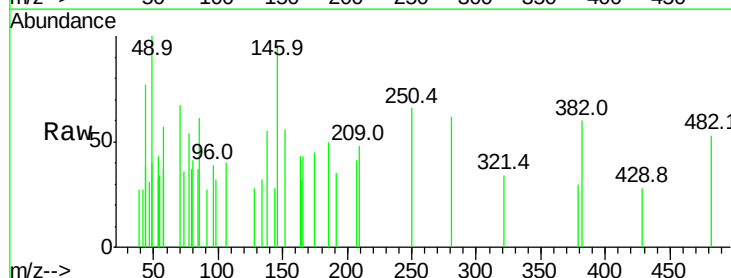
Tgt Ion:138 Resp: 212

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

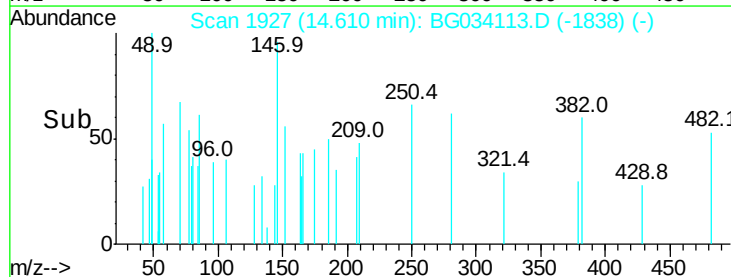
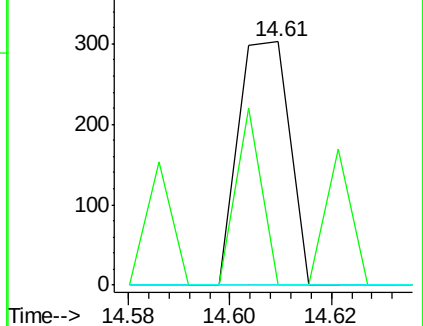
92 0.0 105.8 158.8#

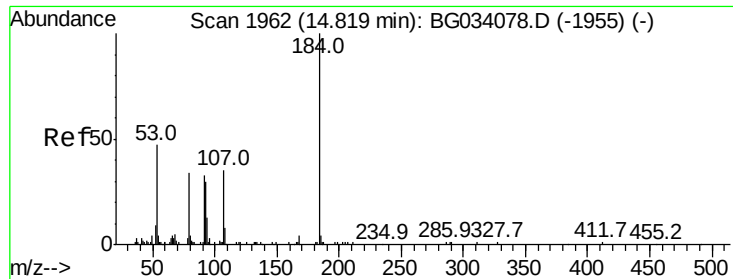


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 0.055 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampled :

ROBEL-1

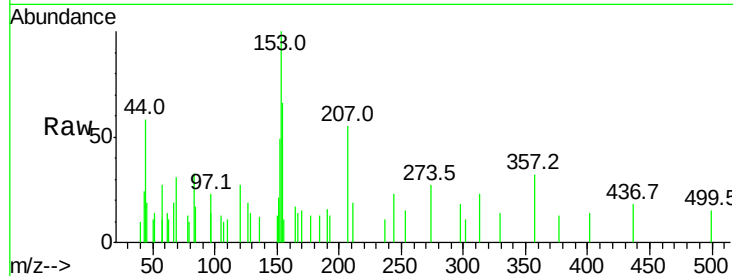
Tot Ion:184 Resp: 69

Ion Ratio Lower Upper

184 100

63 88.8 59.8 89.8

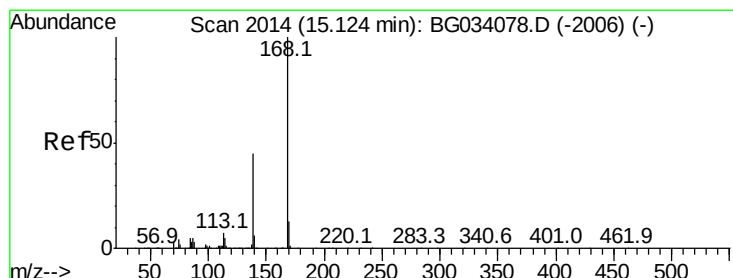
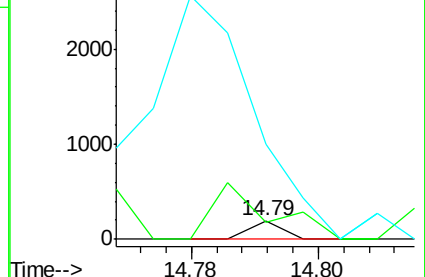
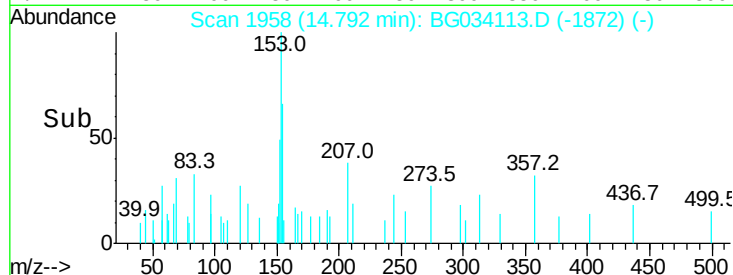
154 513.3 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 0.281 ng

RT: 15.11 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

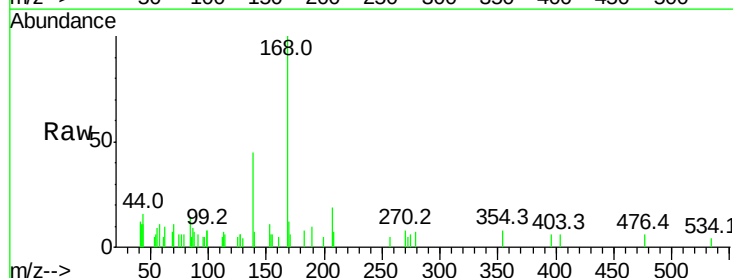
Tgt Ion:168 Resp: 5055

Ion Ratio Lower Upper

168 100

139 44.7 28.6 43.0#

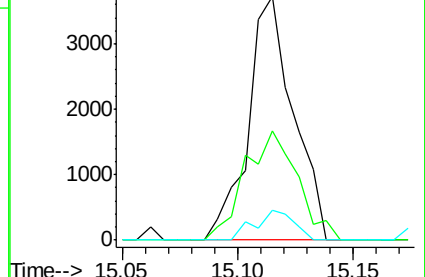
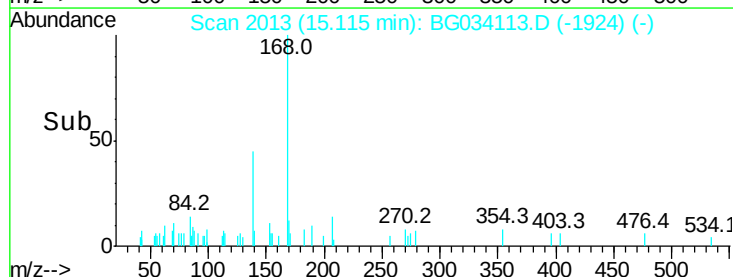
169 12.2 11.2 16.8

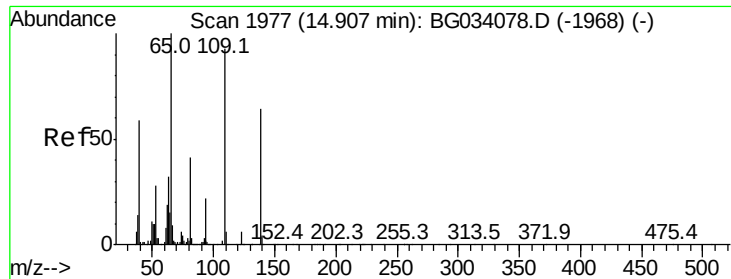


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

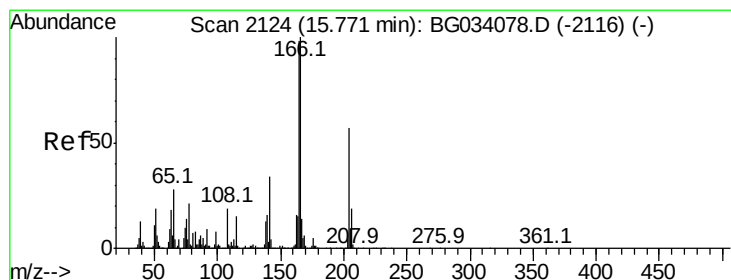
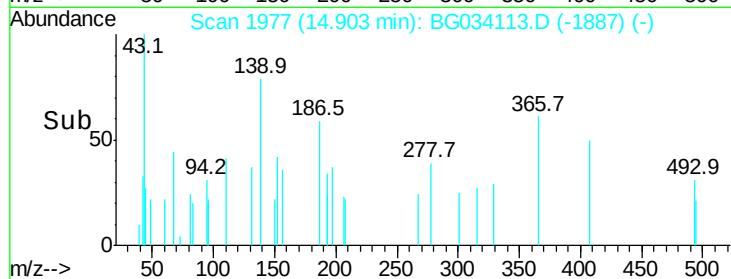
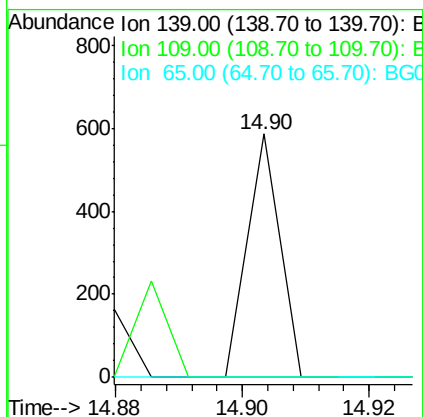
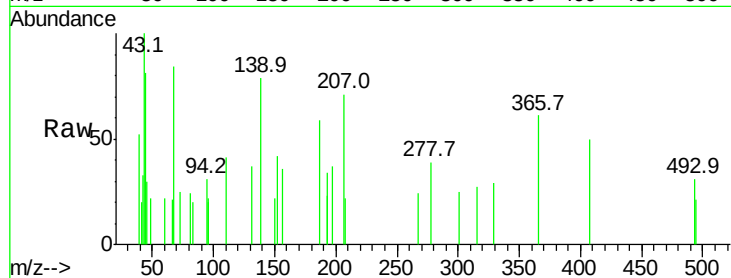




#55
4-Nitrophenol
Concen: 0.083 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

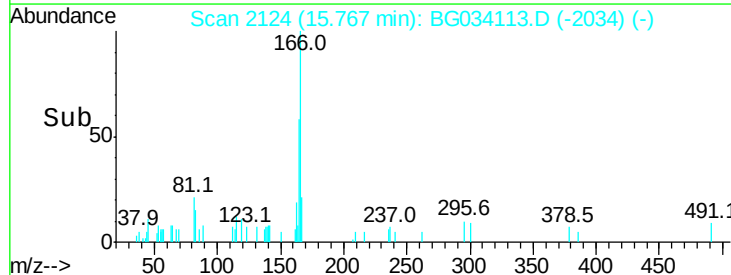
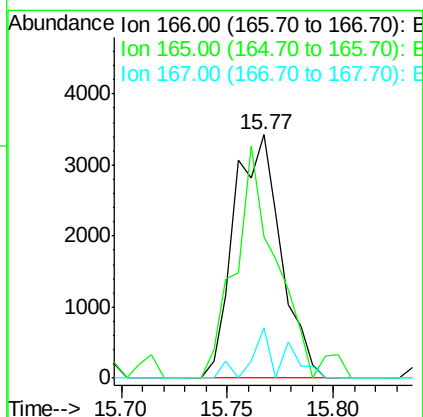
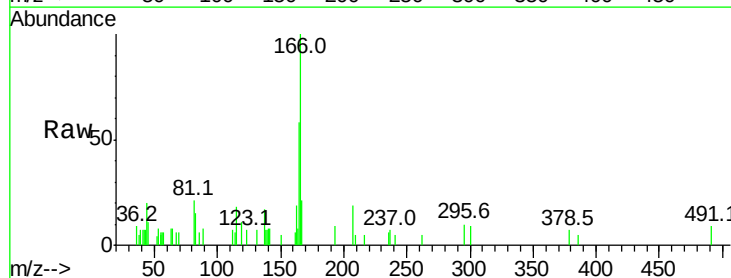
Instrument :
BNA_G
ClientSampled :
ROBEL-1

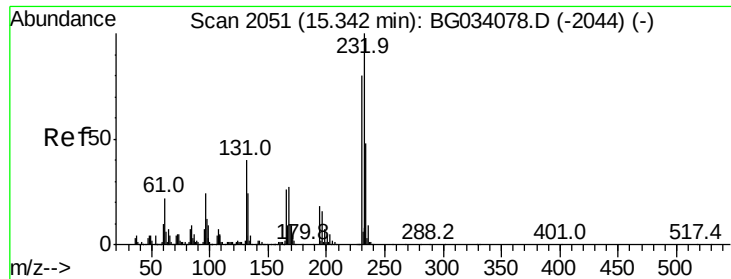
Tot Ion:139 Resp: 207
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#57
Fluorene
Concen: 0.337 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:166 Resp: 5285
Ion Ratio Lower Upper
166 100
165 58.2 80.6 121.0#
167 20.8 10.4 15.6#





#58

2,3,4,6-Tetrachlorophenol

Concen: 0.029 ng

RT: 15.39 min Scan# 2059

Delta R.T. 0.04 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

Tot Ion:232 Resp: 144

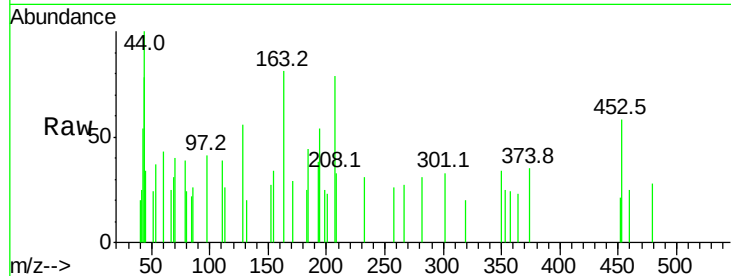
Ion Ratio Lower Upper

232 100

131 36.8 33.5 50.3

130 47.9 2.2 3.2#

166 0.0 24.8 37.2#



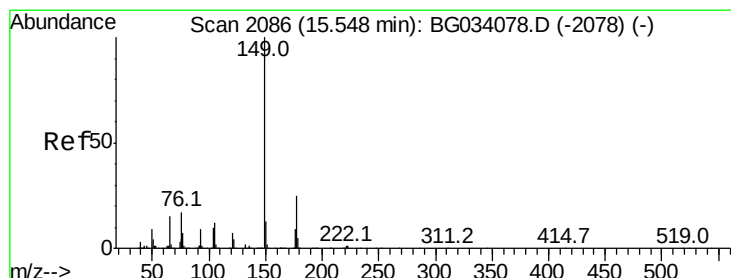
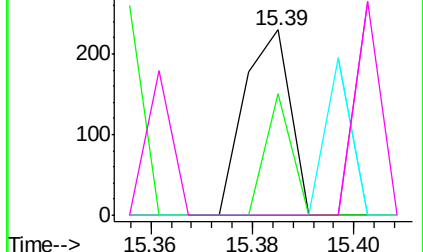
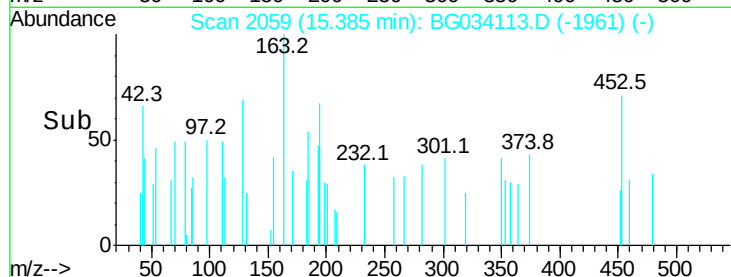
Abundance Ion 232.00 (231.70 to 232.70): E

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

Time-->



#59

Diethylphthalate

Concen: 0.056 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

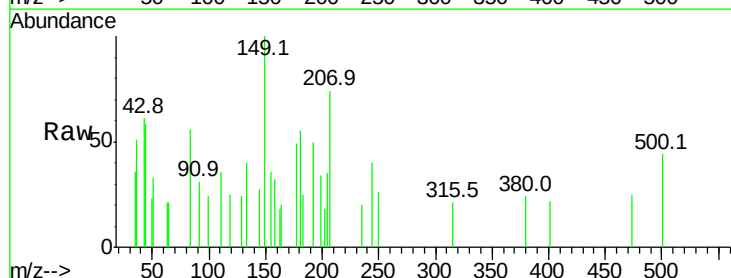
Tgt Ion:149 Resp: 990

Ion Ratio Lower Upper

149 100

177 48.9 18.5 27.7#

150 0.0 10.2 15.2#

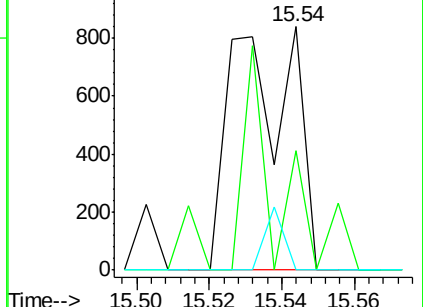
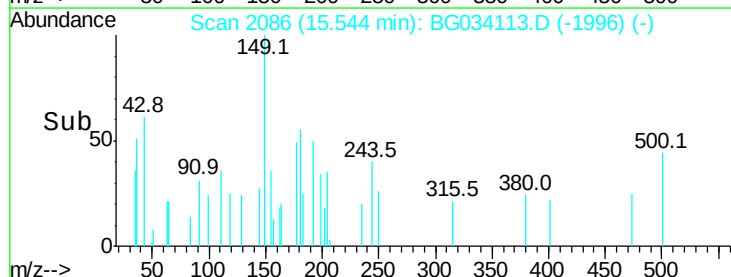


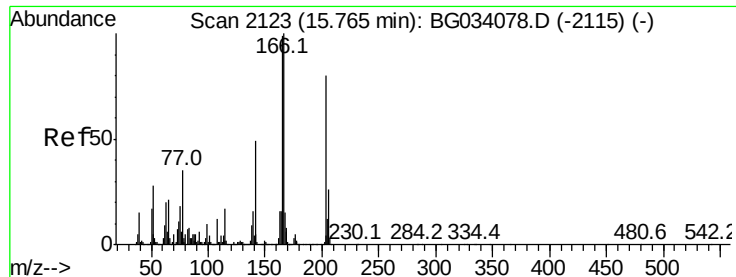
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->

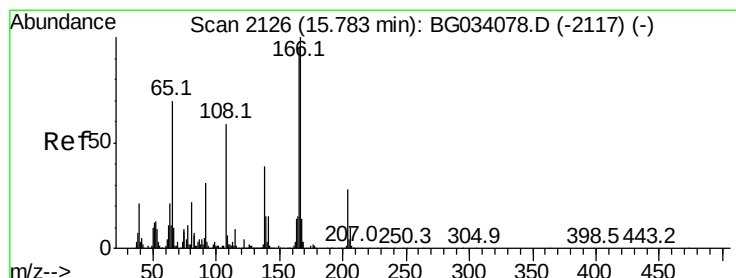
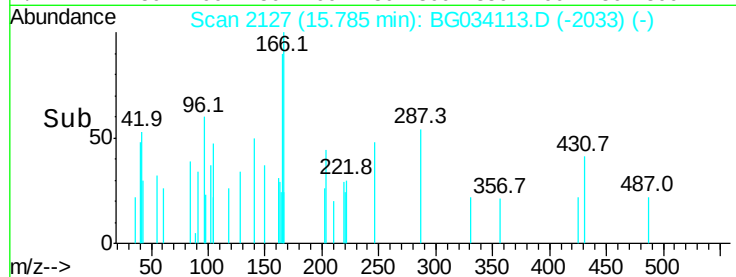
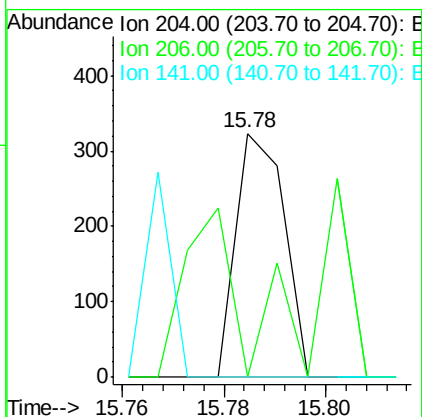
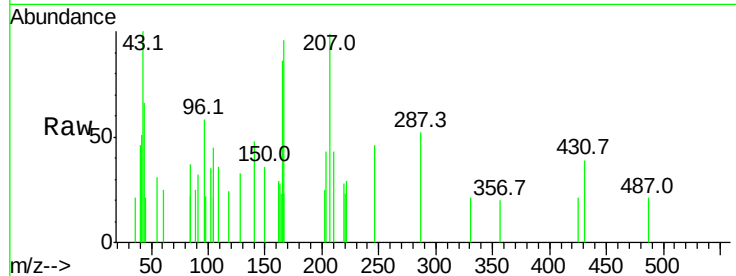




#60
4-Chlorophenyl-phenylether
Concen: 0.023 ng
RT: 15.78 min Scan# 2127
Delta R.T. 0.02 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

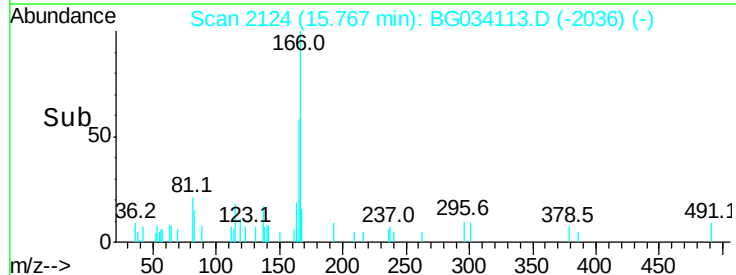
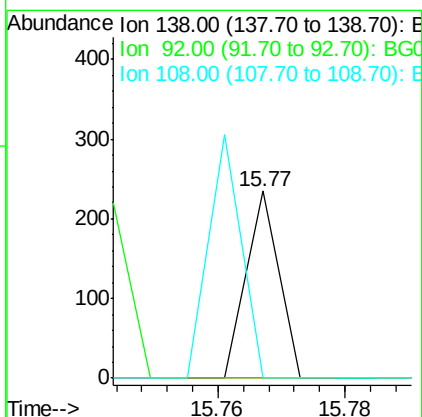
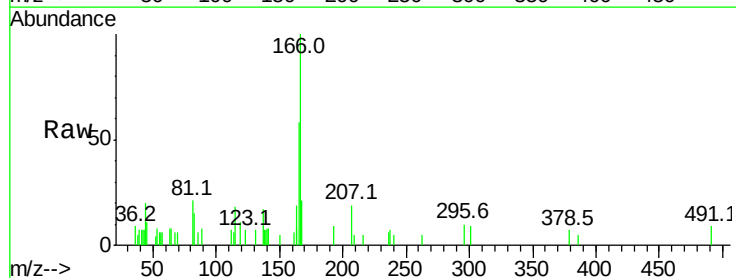
Instrument :
BNA_G
ClientSampled :
ROBEL-1

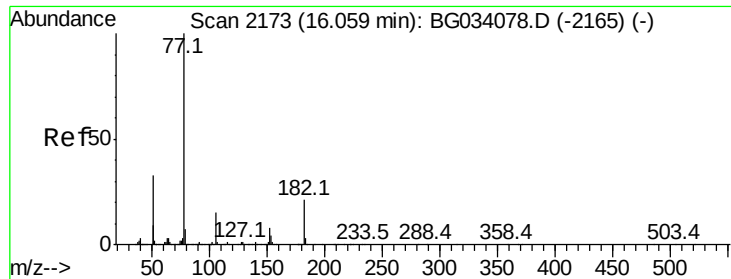
Tot Ion:204 Resp: 213
Ion Ratio Lower Upper
204 100
206 0.0 26.2 39.2#
141 0.0 45.8 68.6#



#61
4-Nitroaniline
Concen: 0.024 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:138 Resp: 83
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#

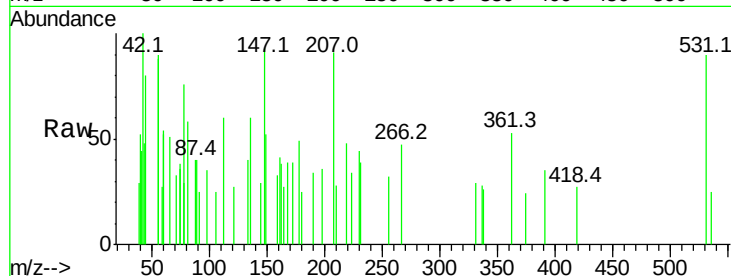




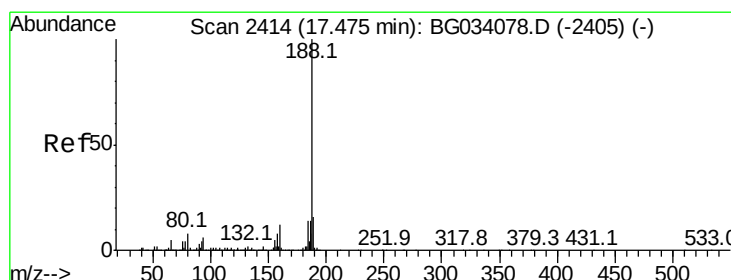
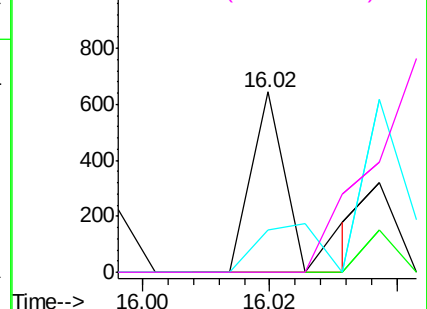
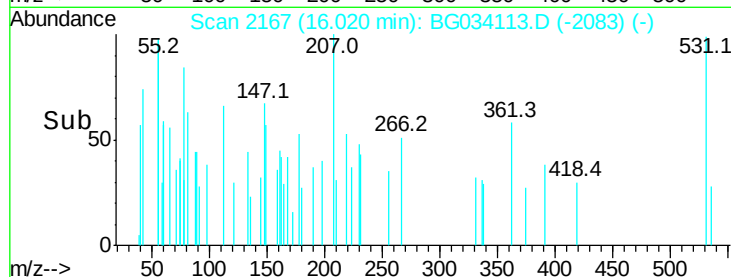
#62
Azobenzene
Concen: 0.015 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Instrument :
BNA_G
ClientSampled :
ROBEL-1

Tot Ion: 77 Resp: 289
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 23.8 0.3 40.3
51 0.0 11.6 51.6#

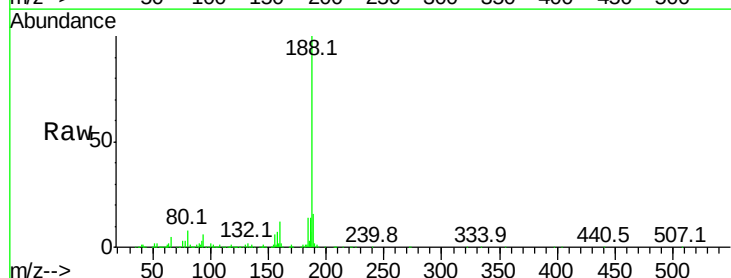


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

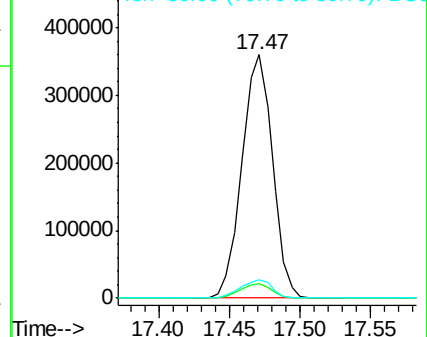
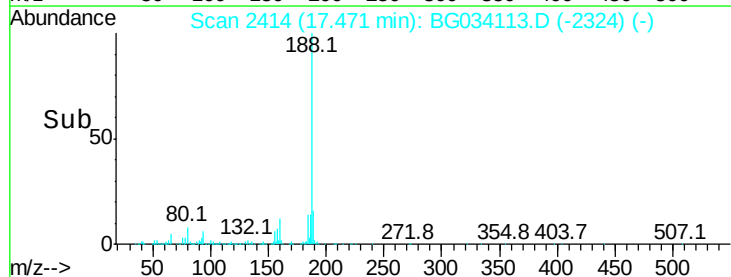


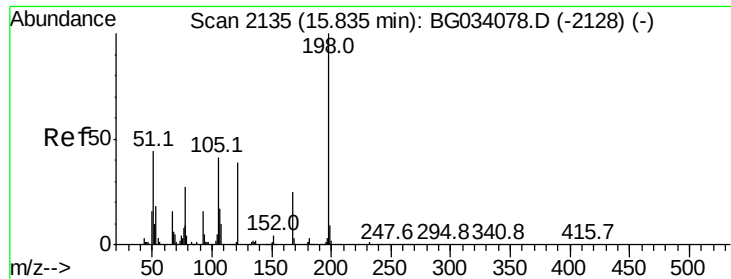
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:188 Resp: 546097
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.7 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

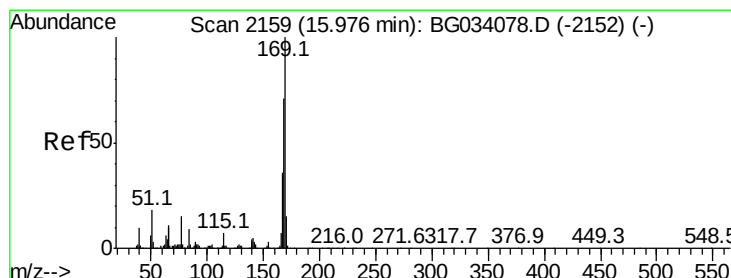
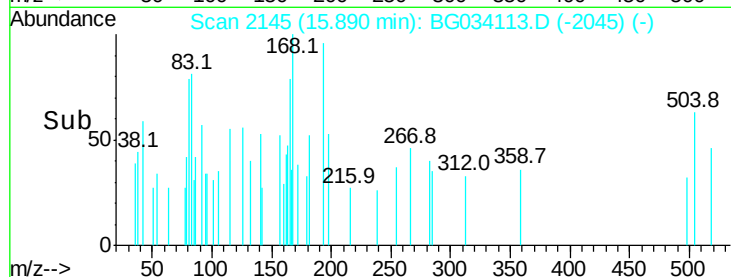
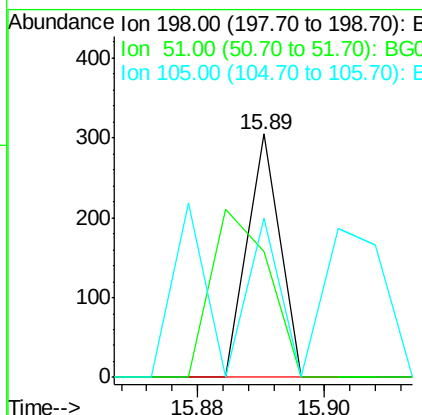
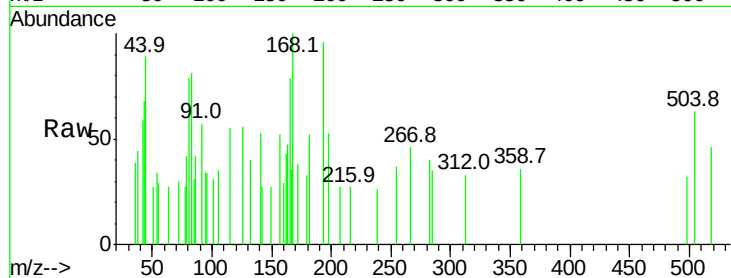




#64
4,6-Dinitro-2-methylphenol
Concen: 0.042 ng
RT: 15.89 min Scan# 2145
Delta R.T. 0.05 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

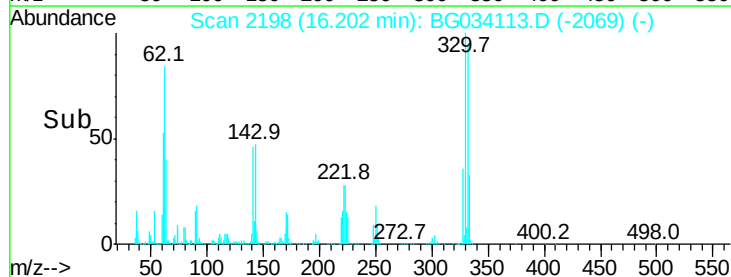
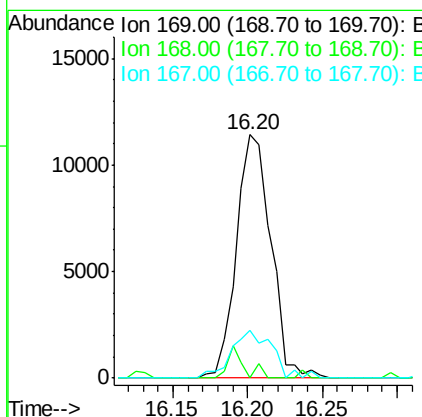
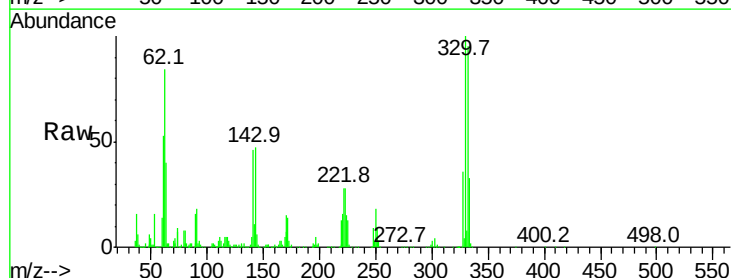
Instrument :
BNA_G
ClientSampleId :
ROBEL-1

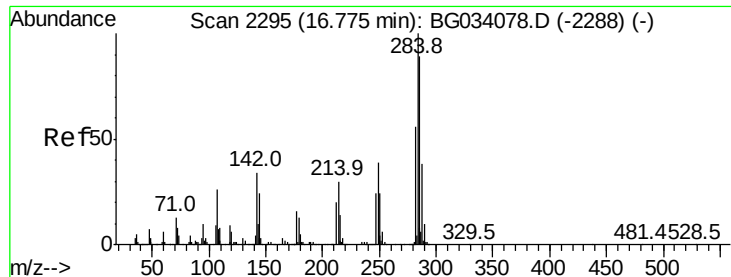
Tot Ion:198 Resp: 108
Ion Ratio Lower Upper
198 100
51 51.8 30.6 70.6
105 65.6 23.8 63.8#



#65
n-Nitrosodiphenylamine
Concen: 1.229 ng
RT: 16.20 min Scan# 2198
Delta R.T. 0.23 min
Lab File: BG034113.D
Acq: 2 May 2018 13:06

Tgt Ion:169 Resp: 18302
Ion Ratio Lower Upper
169 100
168 0.0 55.7 83.5#
167 19.8 30.1 45.1#





#67

Hexachlorobenzene

Concen: 0.021 ng

RT: 16.72 min Scan# 2287

Delta R.T. -0.05 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

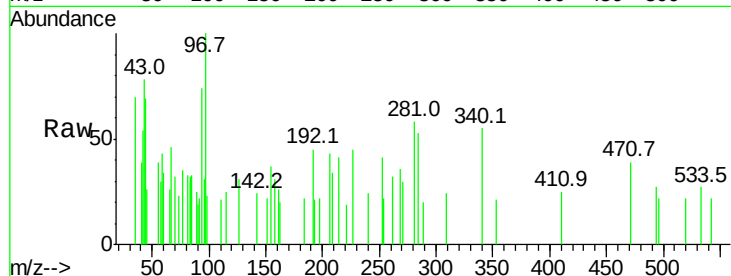
Tot Ion:284 Resp: 147

Ion Ratio Lower Upper

284 100

142 45.5 26.8 40.2#

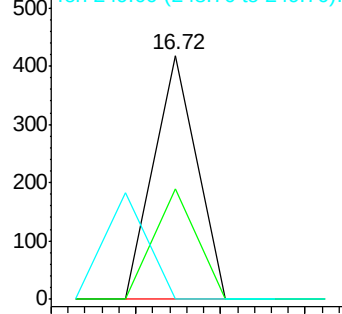
249 0.0 26.3 39.5#



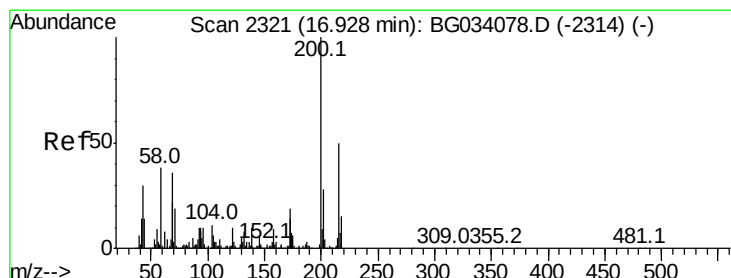
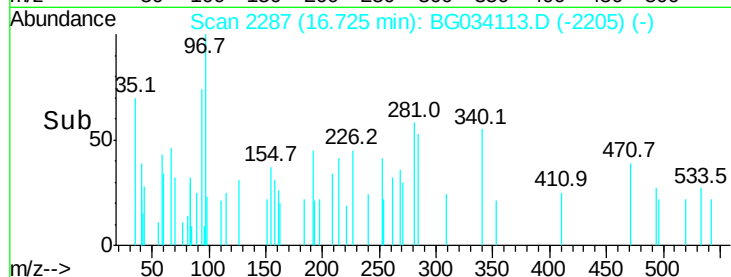
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time--> 16.71 16.72 16.73 16.74



#68

Atrazine

Concen: 0.931 ng

RT: 16.94 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

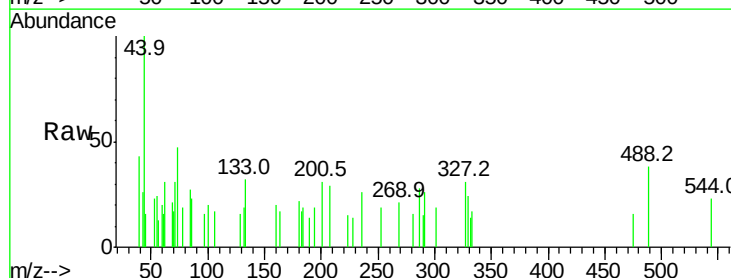
Tgt Ion:200 Resp: 129

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

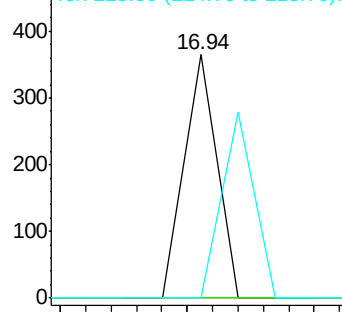
215 0.0 30.4 70.4#



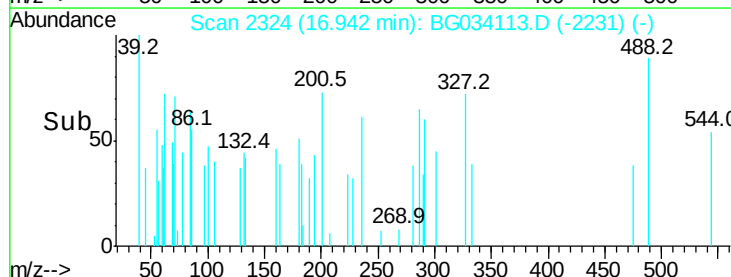
Abundance Ion 200.00 (199.70 to 200.70): E

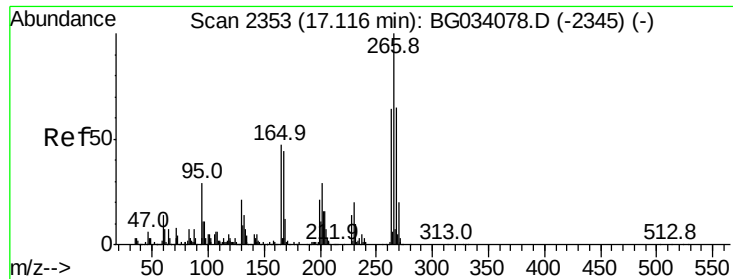
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.92 16.94 16.96





#69

Pentachlorophenol

Concen: 0.061 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

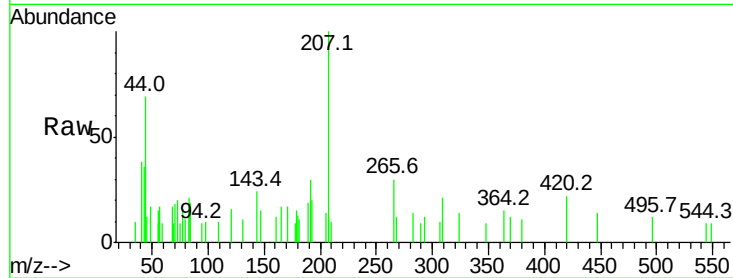
Tot Ion:266 Resp: 292

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

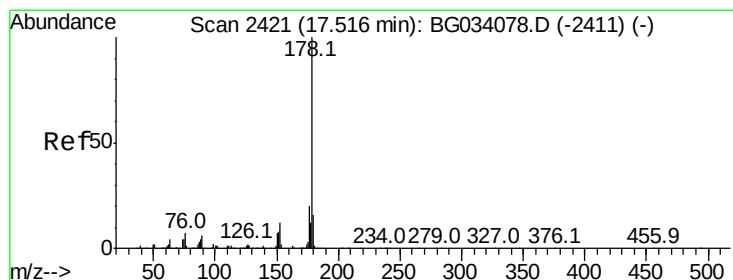
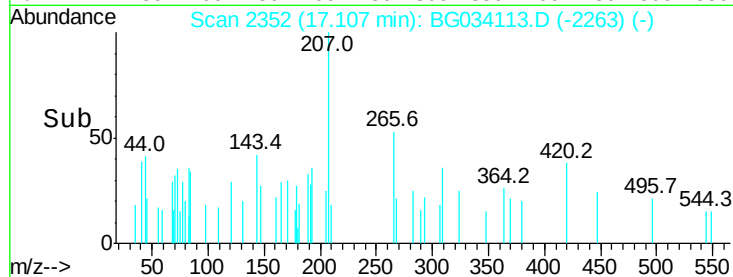
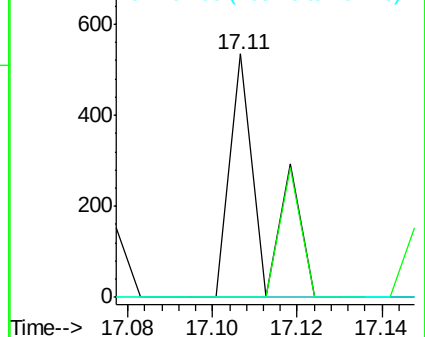
264 0.0 49.6 74.4#



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: 0.355 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

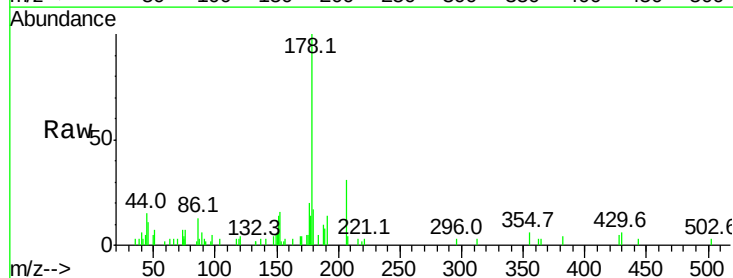
Tgt Ion:178 Resp: 9956

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

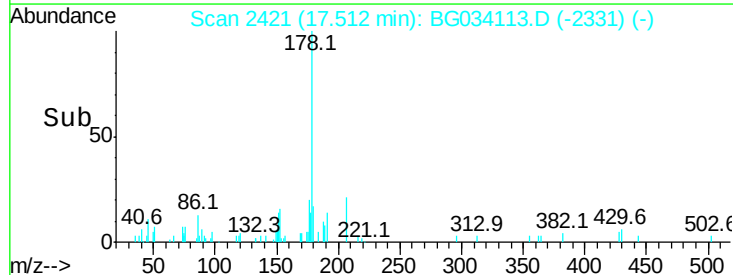
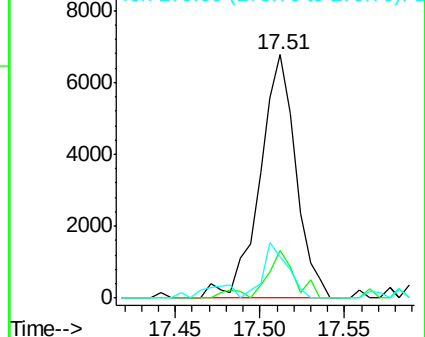
179 17.2 12.5 18.7

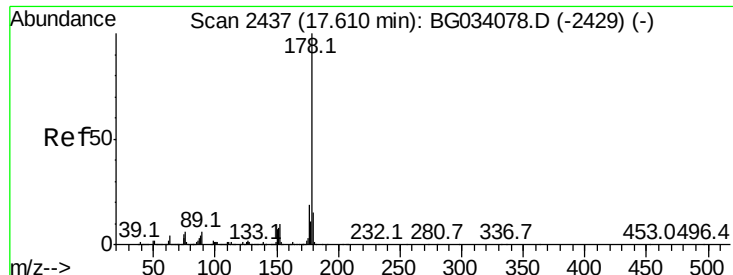


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

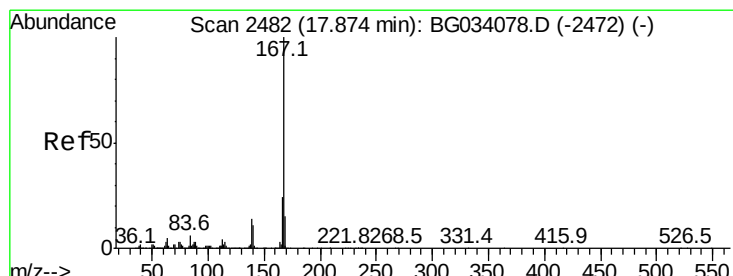
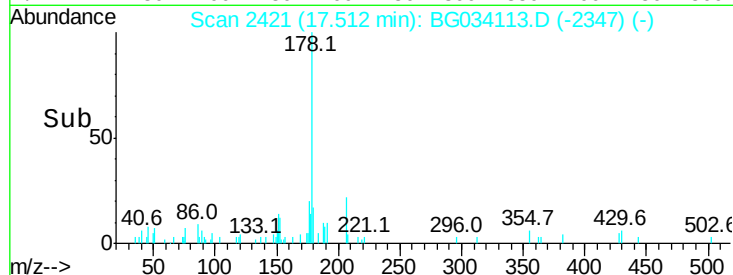
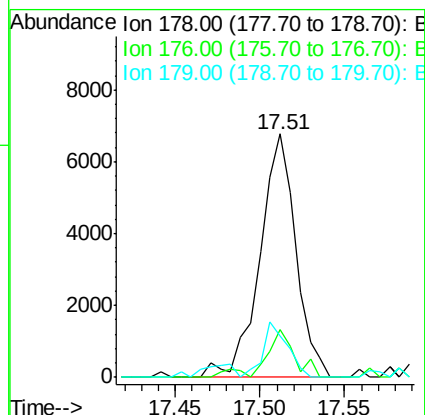
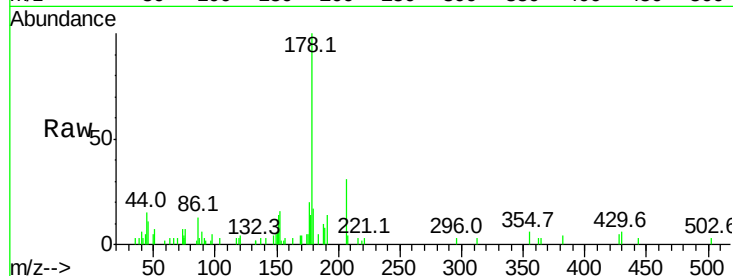




#71
 Anthracene
 Concen: 0.350 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.10 min
 Lab File: BG034113.D
 Acq: 2 May 2018 13:06

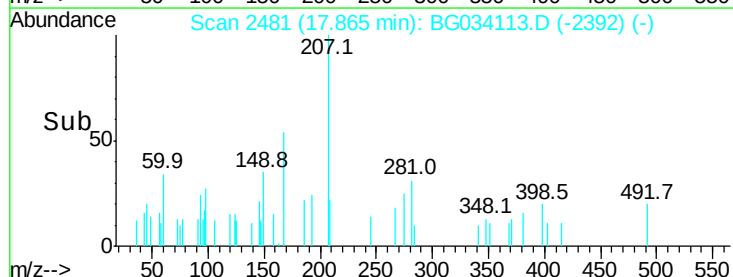
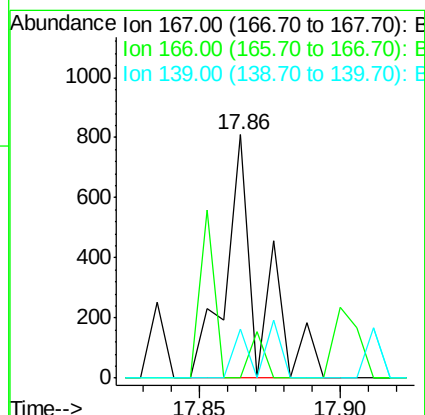
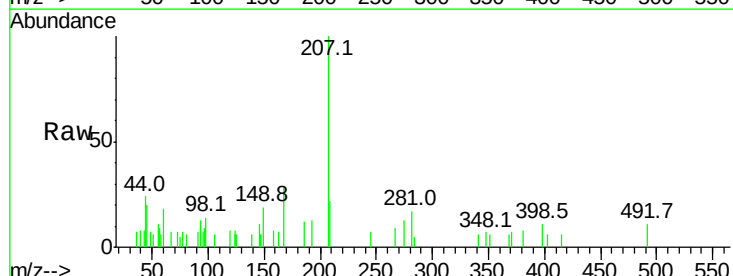
Instrument :
 BNA_G
 ClientSampleId :
 ROBEL-1

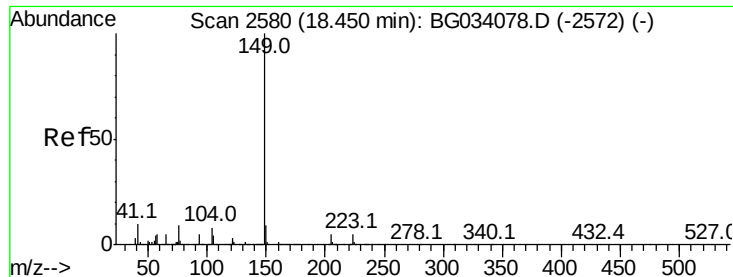
Tot Ion:178 Resp: 9956
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 17.2 12.5 18.7



#72
 Carbazole
 Concen: 0.025 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG034113.D
 Acq: 2 May 2018 13:06

Tgt Ion:167 Resp: 661
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 20.1 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 0.068 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

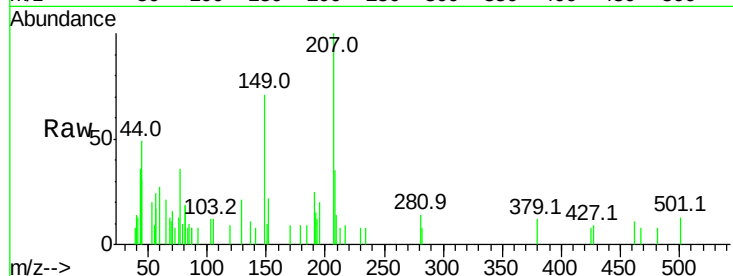
Tot Ion:149 Resp: 2140

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

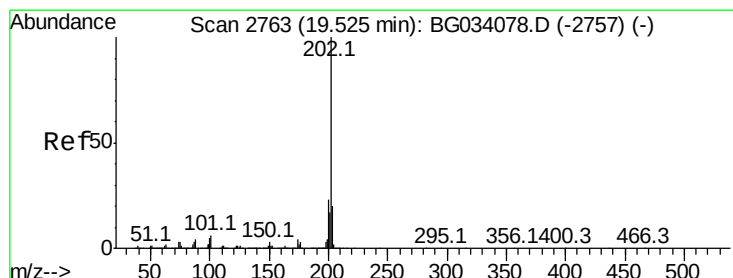
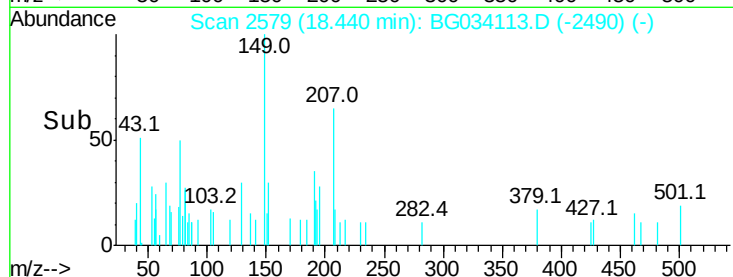
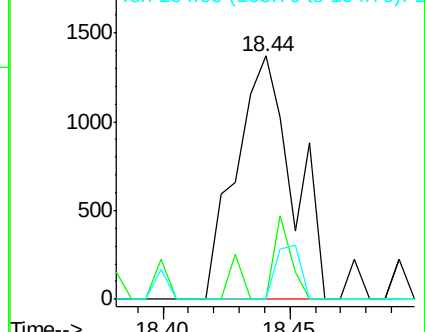
104 0.0 3.9 5.9#



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: 0.046 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

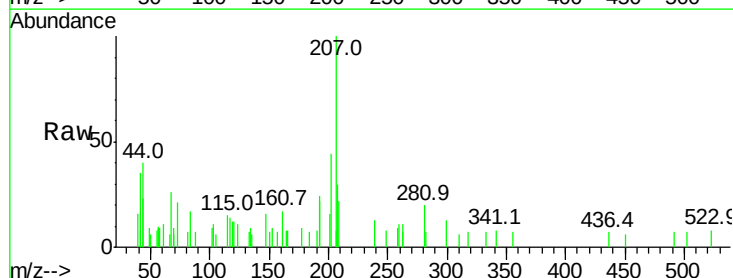
Tgt Ion:202 Resp: 1646

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

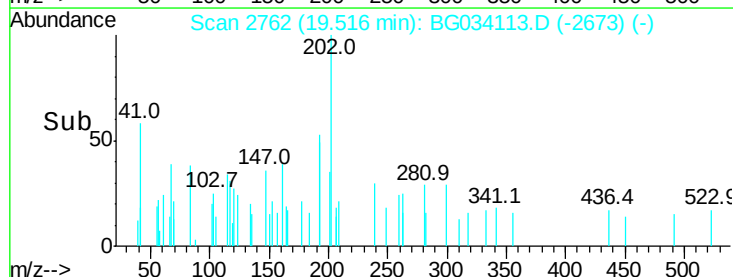
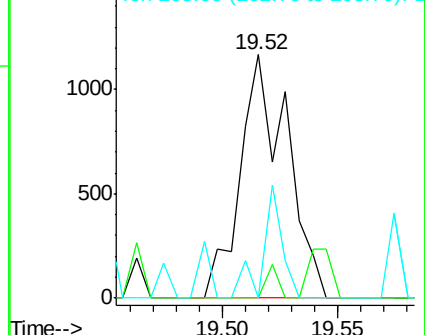
203 0.0 0.0 37.5

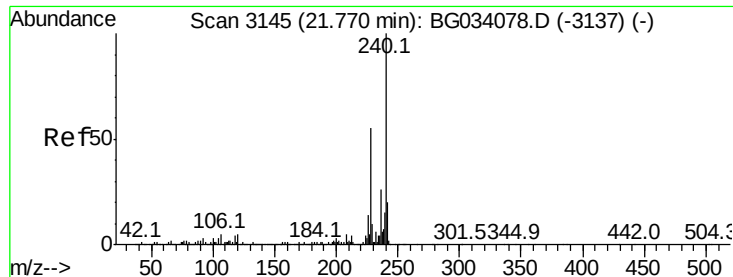


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3144

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

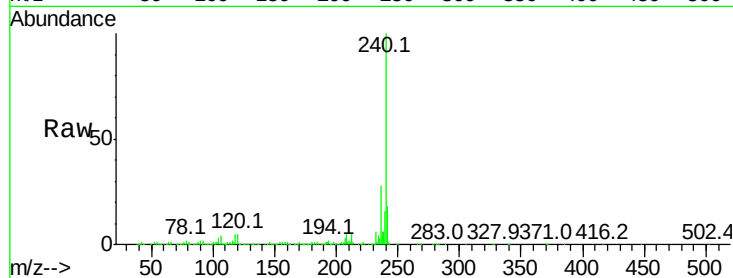
Tot Ion:240 Resp: 663962

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

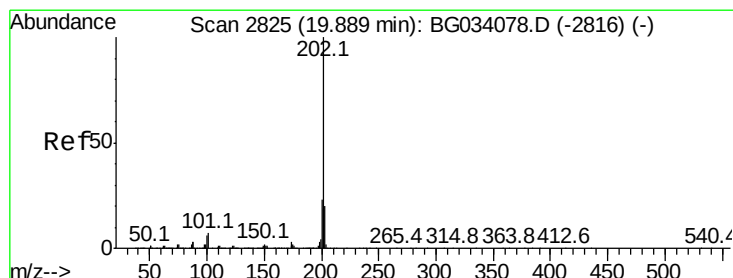
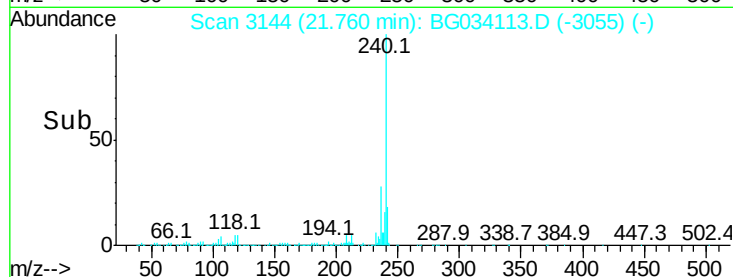
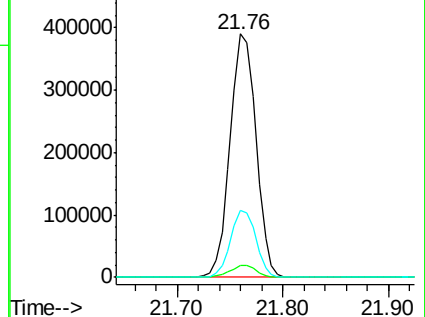
236 27.7 20.9 31.3



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: 0.027 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

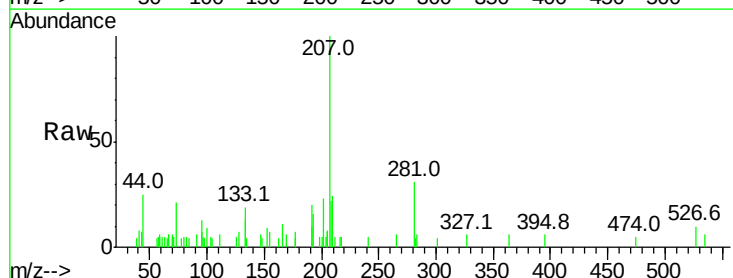
Tgt Ion:202 Resp: 1114

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

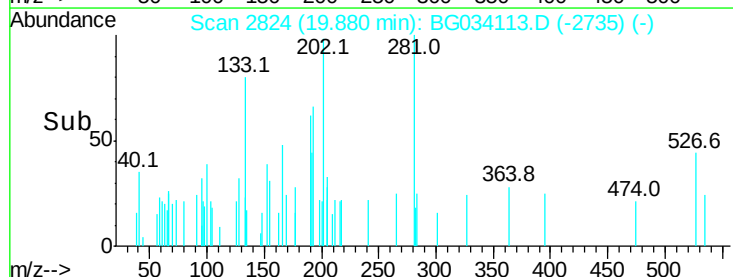
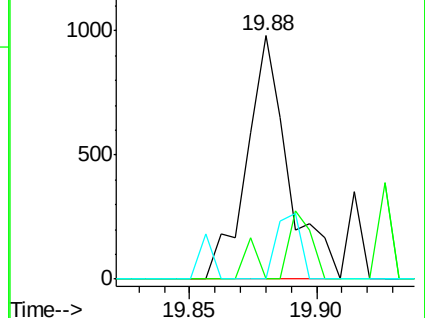
203 0.0 13.9 20.9#

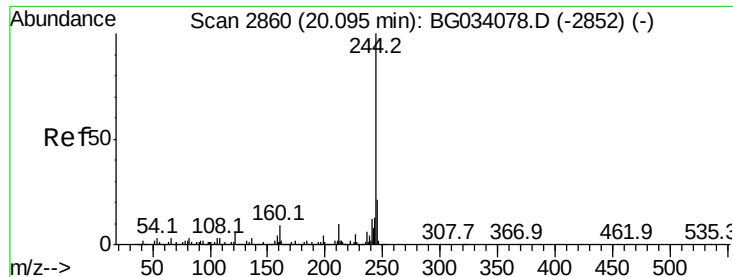


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.328 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

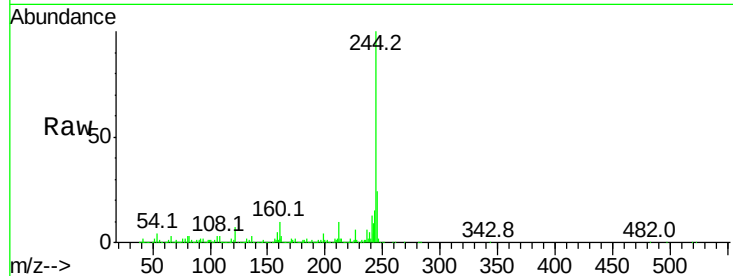
Tot Ion:244 Resp: 2858943

Ion Ratio Lower Upper

244 100

212 10.4 5.8 8.8#

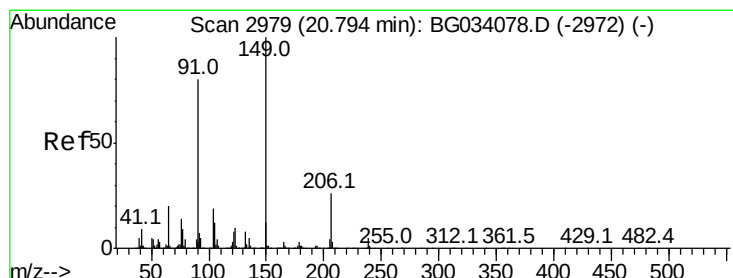
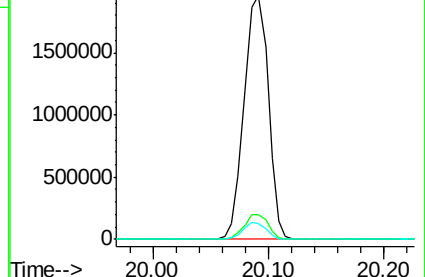
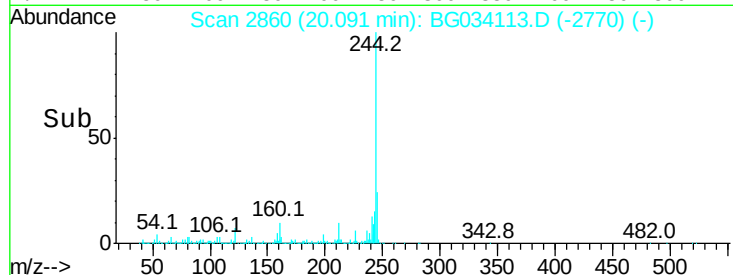
122 6.6 7.0 10.4#



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: 0.010 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

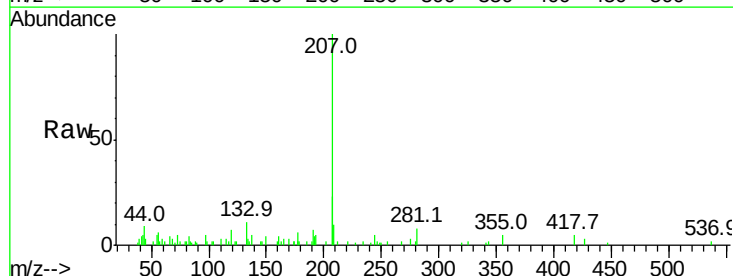
Tgt Ion:149 Resp: 162

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

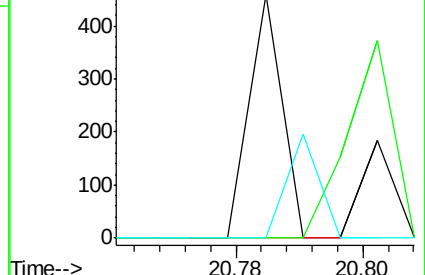
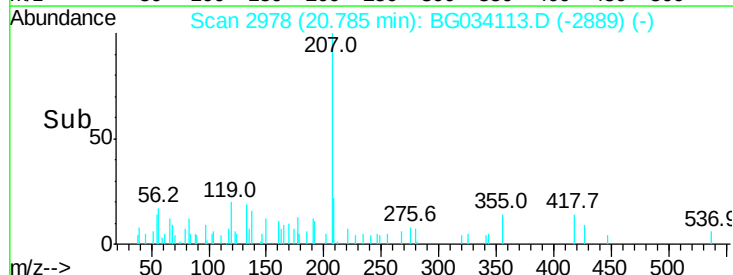
206 0.0 18.6 27.8#

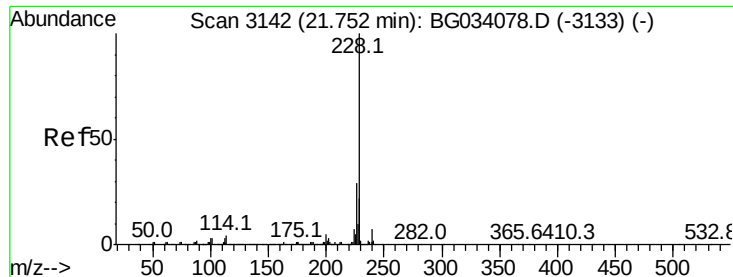


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.062 ng

RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

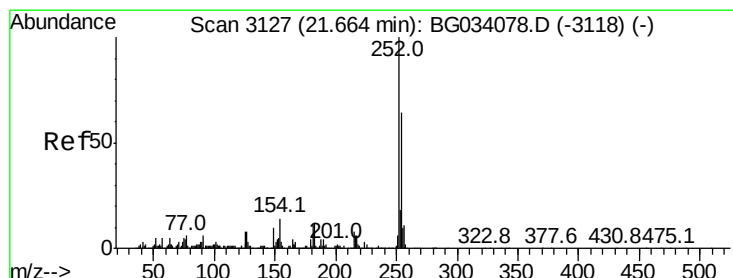
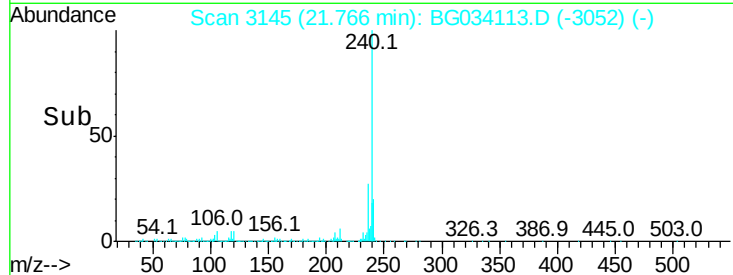
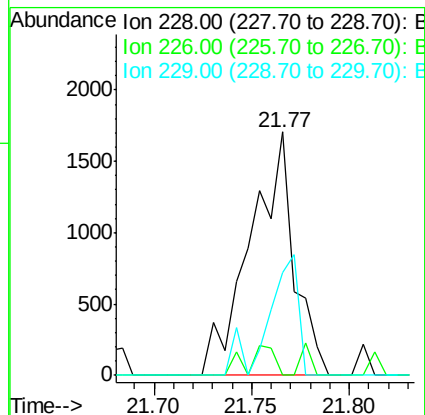
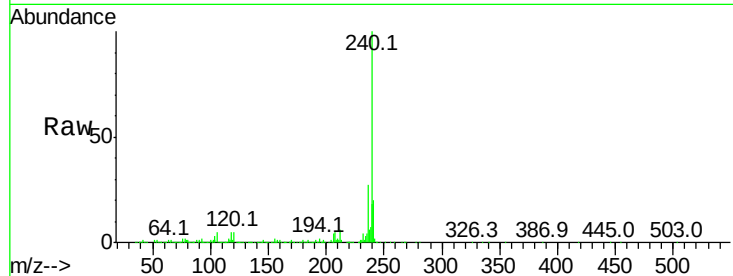
Tot Ion:228 Resp: 2654

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

229 42.1 16.2 24.2#



#81

3,3'-Dichlorobenzidine

Concen: 0.004 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

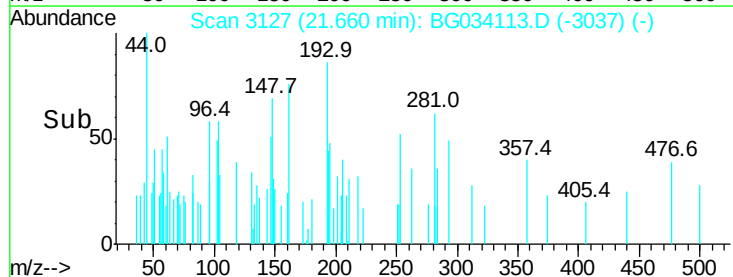
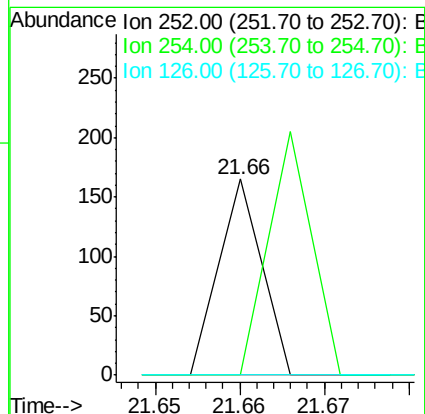
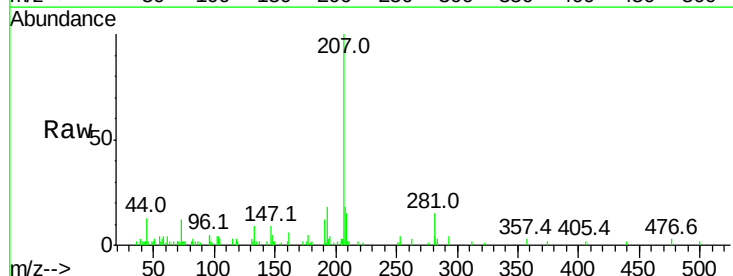
Tgt Ion:252 Resp: 58

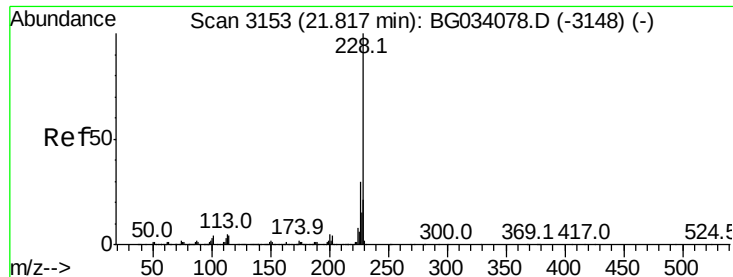
Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

126 0.0 7.4 11.2#





#82

Chrysene

Concen: 0.065 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.05 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

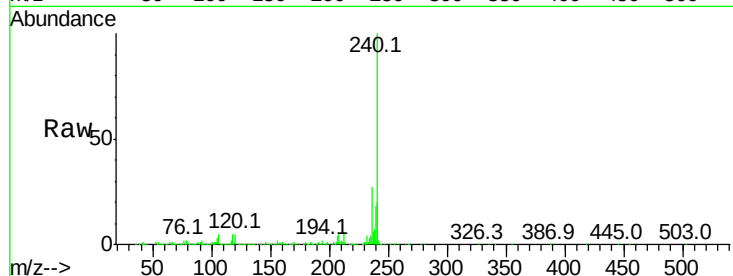
Tot Ion:228 Resp: 2654

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

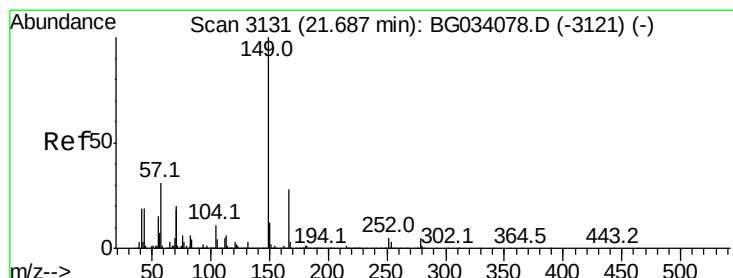
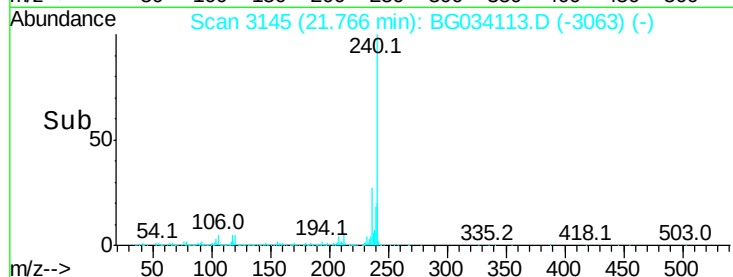
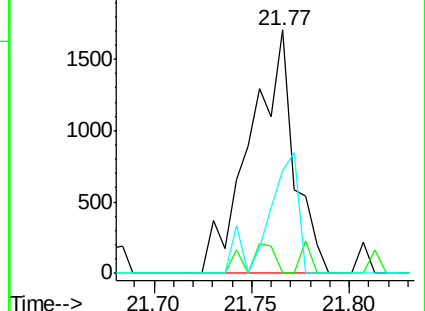
229 42.1 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

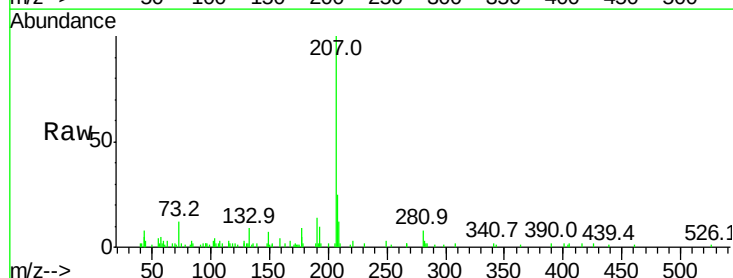
Tgt Ion:149 Resp: 1430

Ion Ratio Lower Upper

149 100

167 38.1 24.3 36.5#

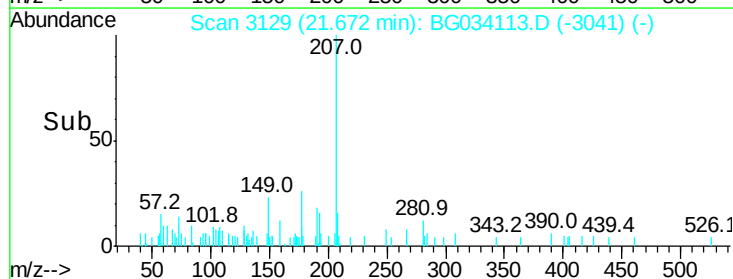
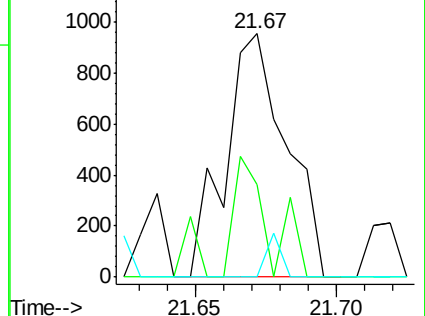
279 0.0 4.0 6.0#

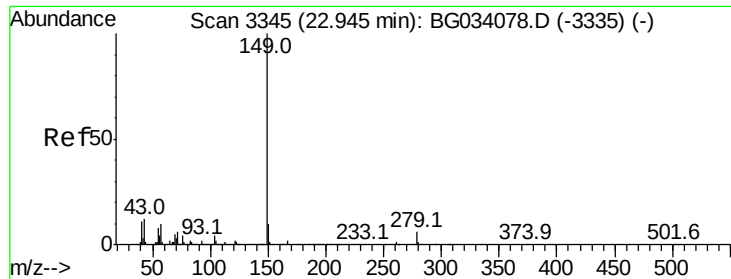


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 22.92 min Scan# 3341

Delta R.T. -0.03 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampled :

ROBEL-1

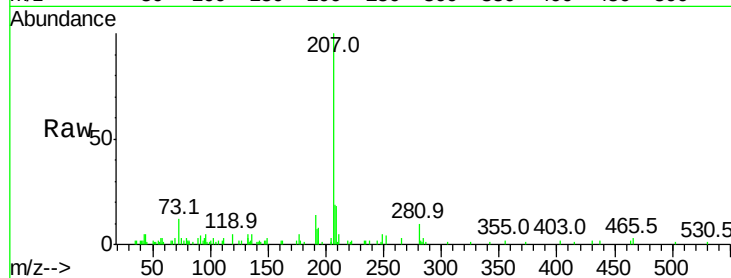
Tot Ion:149 Resp: 181

Ion Ratio Lower Upper

149 100

167 59.1 1.4 2.0#

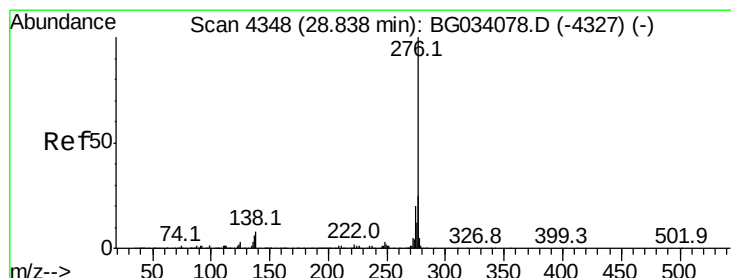
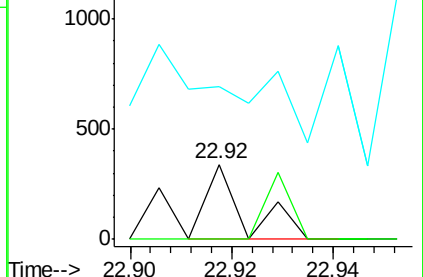
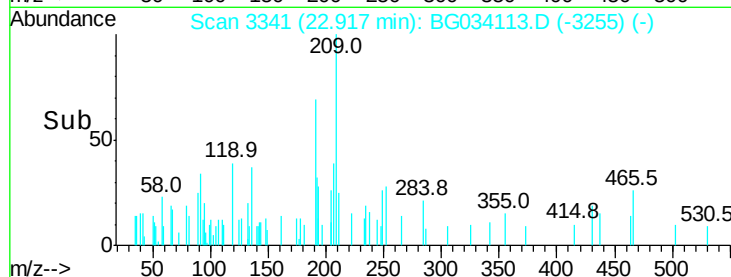
43 0.0 8.9 13.3#



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: 0.003 ng

RT: 28.82 min Scan# 4345

Delta R.T. -0.02 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

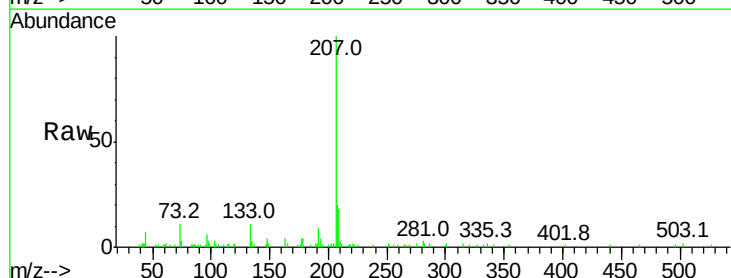
Tgt Ion:276 Resp: 125

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

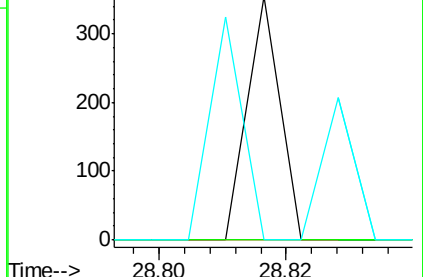
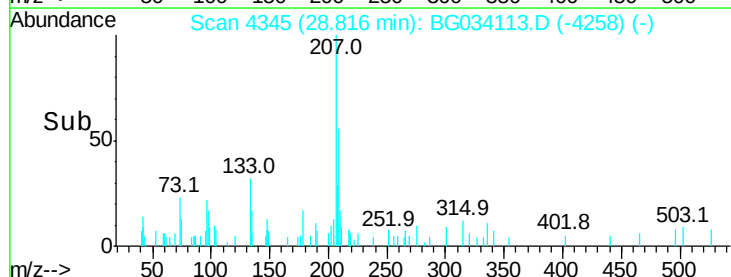
277 92.0 20.0 30.0#

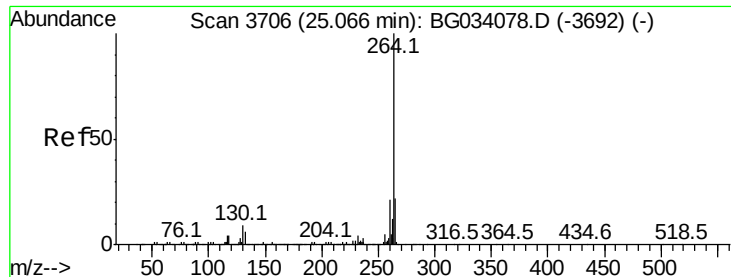


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.06 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampleId :

ROBEL-1

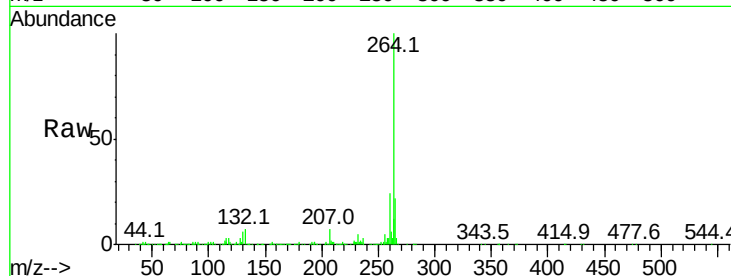
Tot Ion:264 Resp: 640437

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

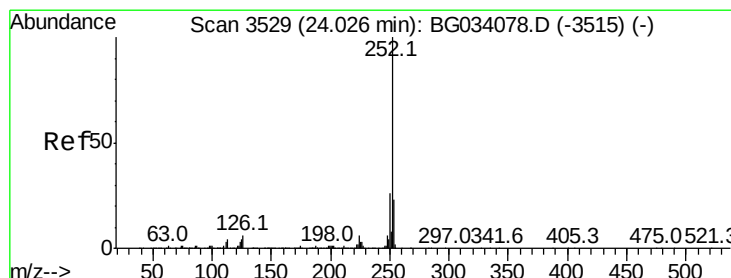
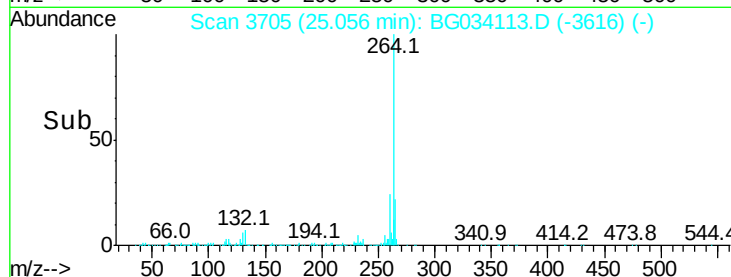
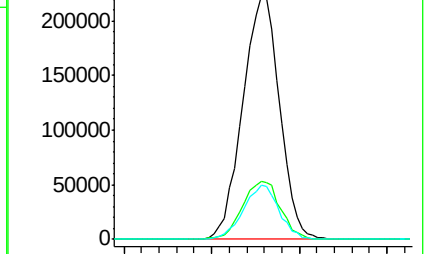
265 22.5 17.7 26.5



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: 0.005 ng

RT: 24.02 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

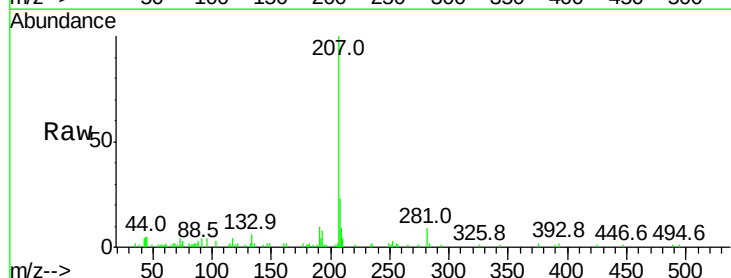
Tgt Ion:252 Resp: 218

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

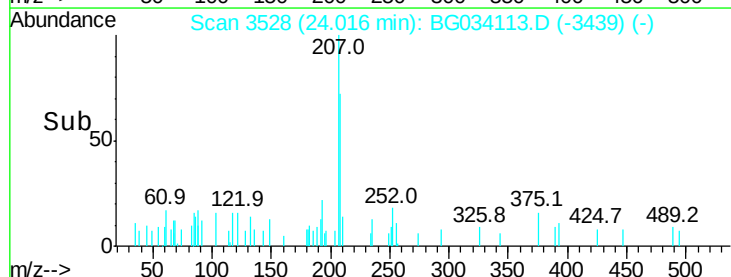
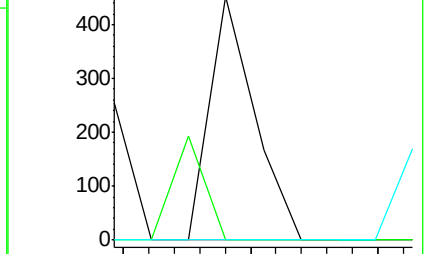
125 0.0 7.2 10.8#

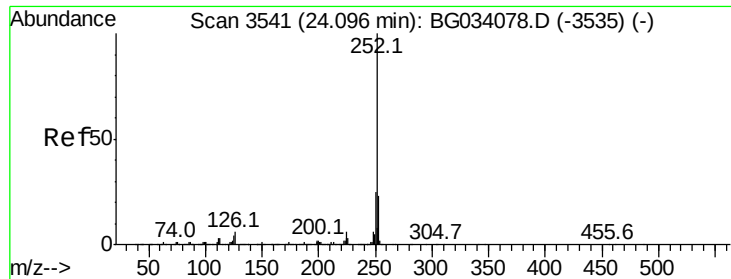


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 24.07 min Scan# 3537

Delta R.T. -0.03 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

BNA_G

ClientSampled :

ROBEL-1

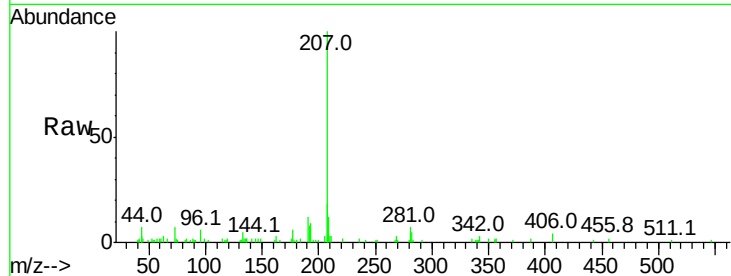
Tot Ion:252 Resp: 146

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

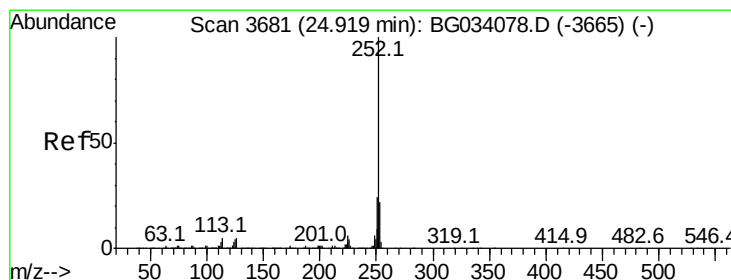
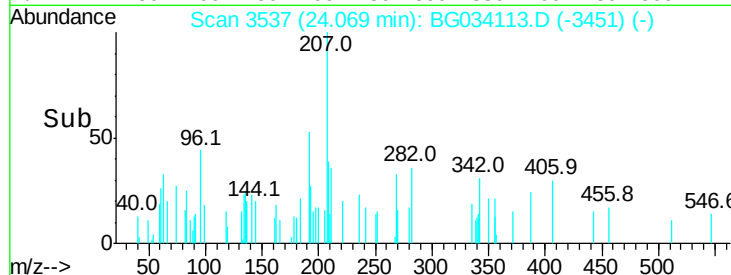
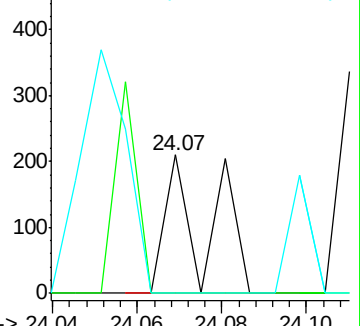
125 0.0 6.6 9.8#



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: 0.004 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

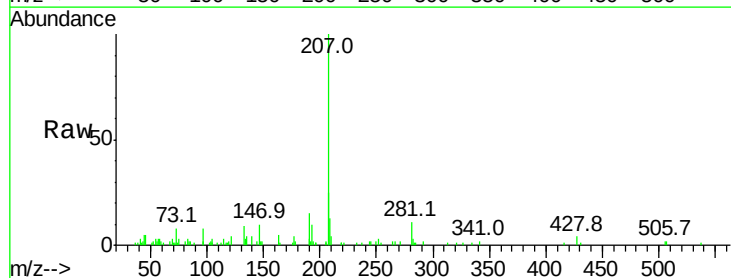
Tgt Ion:252 Resp: 150

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

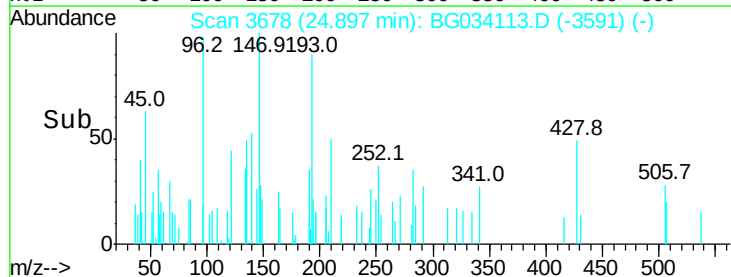
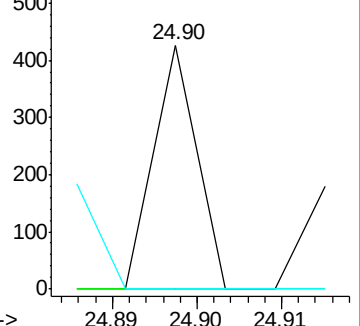
125 0.0 7.3 10.9#

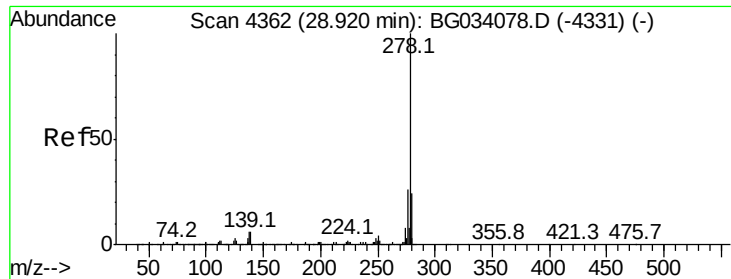


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.08 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Instrument :

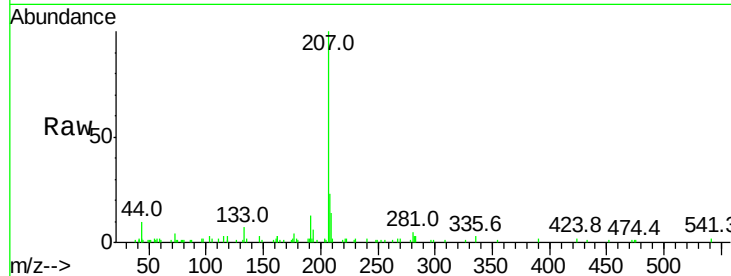
BNA_G

ClientSampleId :

ROBEL-1

Tot Ion:278 Resp: 69

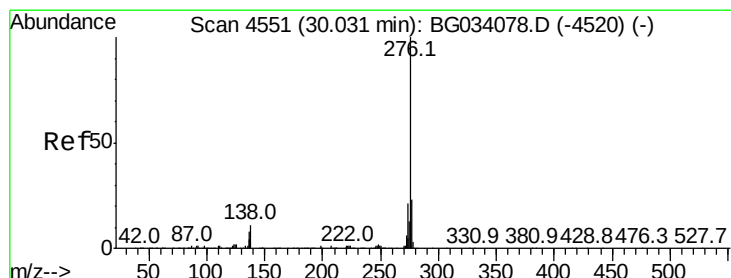
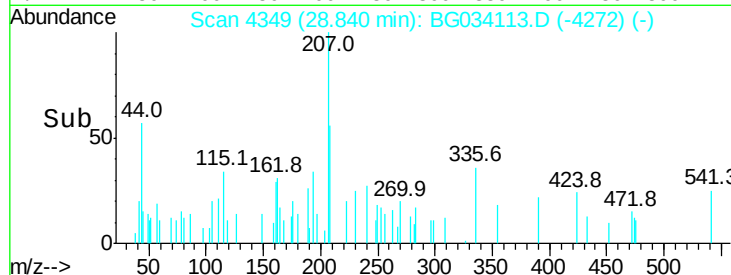
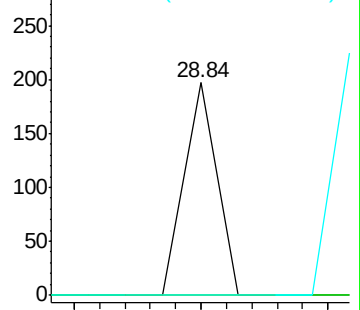
Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#



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: 30.11 min Scan# 4566

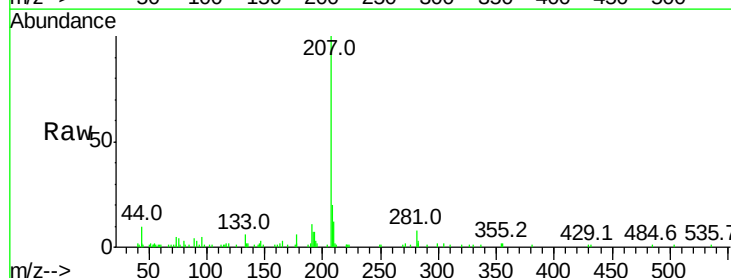
Delta R.T. 0.08 min

Lab File: BG034113.D

Acq: 2 May 2018 13:06

Tgt Ion:276 Resp: 53

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

