

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035546.D
 Acq On : 30 Jun 2018 17:26
 Operator : JU/SJ
 Sample : PB110714BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 02:29:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	35207	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	134672	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	103498	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	285010	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	297227	20.00	ng	-0.02
86) Perylene-d12	24.92	264	296252	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	209295	100.32	ng	0.00
7) Phenol-d6	7.23	99	313840	101.93	ng	0.00
23) Nitrobenzene-d5	9.23	82	300675	106.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	155244	117.17	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	721547	90.63	ng	-0.02
78) Terphenyl-d14	20.03	244	1334150	94.02	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	34094	34.253	ng	# 70
3) Pyridine	3.95	79	98759	36.773	ng	# 74
4) n-Nitrosodimethylamine	3.86	42	41354	35.842	ng	# 69
6) Aniline	7.39	93	110992	27.887	ng	98
8) 2-Chlorophenol	7.63	128	106475	48.690	ng	94
9) Benzaldehyde	7.20	77	63868	26.929	ng	97
10) Phenol	7.26	94	164607	51.657	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	102044	41.259	ng	89
12) 1,3-Dichlorobenzene	7.95	146	115532	44.279	ng	98
13) 1,4-Dichlorobenzene	8.10	146	113622	42.185	ng	94
14) 1,2-Dichlorobenzene	8.42	146	112688	44.541	ng	97
15) Benzyl Alcohol	8.30	79	128327	43.983	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	112126	45.549	ng	76
17) 2-Methylphenol	8.50	107	107263	51.057	ng	# 91
18) Hexachloroethane	9.14	117	43241	44.843	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	100608	38.459	ng	# 84
20) 3+4-Methylphenols	8.83	107	148776	49.406	ng	90
22) Acetophenone	8.89	105	181943	43.613	ng	# 90
24) Nitrobenzene	9.27	77	146335	50.440	ng	# 91
25) Isophorone	9.79	82	284090	47.493	ng	100
26) 2-Nitrophenol	9.98	139	61137	61.136	ng	# 86
27) 2,4-Dimethylphenol	10.04	122	116433	55.393	ng	91
28) bis(2-Chloroethoxy)methane	10.27	93	151432	47.110	ng	99
29) 2,4-Dichlorophenol	10.52	162	130001	56.840	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	133447	48.659	ng	94
31) Naphthalene	10.92	128	335326	47.931	ng	98
32) Benzoic acid	10.20	122	57168	40.605	ng	94
33) 4-Chloroaniline	11.03	127	50651	16.674	ng	# 94
34) Hexachlorobutadiene	11.20	225	103377	48.468	ng	97
35) Caprolactam	11.81	113	29966	35.452	ng	# 58
36) 4-Chloro-3-methylphenol	12.15	107	158251	55.507	ng	93
37) 2-Methylnaphthalene	12.74	142	258195	48.678	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	184885	47.959	ng	99
40) Hexachlorocyclopentadiene	12.86	237	240812	99.612	ng	93

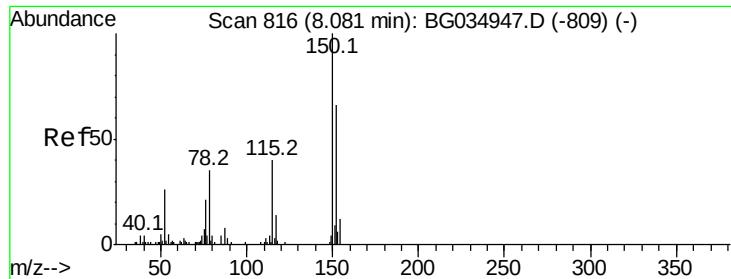
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
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 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	123888	53.669	ng	98
43) 2,4,5-Trichlorophenol	13.20	196	133874	52.839	ng	97
45) 1,1'-Biphenyl	13.52	154	373040	44.824	ng	98
46) 2-Chloronaphthalene	13.57	162	290806	46.217	ng	99
47) 2-Nitroaniline	13.77	65	101682	54.726	ng	93
48) Acenaphthylene	14.41	152	496756	47.083	ng	97
49) Dimethylphthalate	14.14	163	415758	46.066	ng	99
50) 2,6-Dinitrotoluene	14.25	165	94464	57.372	ng	94
51) Acenaphthene	14.75	154	300356	43.571	ng	98
52) 3-Nitroaniline	14.59	138	47770	29.567	ng #	96
53) 2,4-Dinitrophenol	14.80	184	92641	139.026	ng #	67
54) Dibenzofuran	15.08	168	487060	47.176	ng	95
55) 4-Nitrophenol	14.90	139	145493	106.700	ng #	87
56) 2,4-Dinitrotoluene	15.05	165	138311	63.236	ng #	81
57) Fluorene	15.73	166	410799	47.610	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	143245	58.199	ng	92
59) Diethylphthalate	15.50	149	414054	44.966	ng	96
60) 4-Chlorophenyl-phenylether	15.72	204	234614	47.684	ng	96
61) 4-Nitroaniline	15.75	138	93027	53.689	ng #	81
62) Azobenzene	16.01	77	421191	46.678	ng	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	76572	58.844	ng	82
65) n-Nitrosodiphenylamine	15.93	169	368026	42.998	ng	97
66) 4-Bromophenyl-phenylether	16.62	248	167840	48.901	ng	99
67) Hexachlorobenzene	16.73	284	170338	48.760	ng	94
68) Atrazine	16.88	200	174373	47.773	ng	98
69) Pentachlorophenol	17.08	266	190101	80.926	ng	99
70) Phenanthrene	17.47	178	687582	47.492	ng	99
71) Anthracene	17.56	178	691707	47.696	ng	98
72) Carbazole	17.83	167	638252	47.433	ng	98
73) Di-n-butylphthalate	18.38	149	712479	44.424	ng #	98
74) Fluoranthene	19.47	202	908737	48.236	ng	96
76) Benzidine	19.65	184	297366	26.892	ng	98
77) Pyrene	19.84	202	900611	45.962	ng	97
79) Butylbenzylphthalate	20.72	149	322191	45.283	ng #	95
80) Benzo(a)anthracene	21.67	228	915514	48.201	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	182135	25.488	ng	99
82) Chrysene	21.74	228	844921	48.586	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	437454	43.512	ng #	99
84) Di-n-octyl phthalate	22.78	149	733355	42.518	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1000913	49.143	ng #	88
87) Benzo(b)fluoranthene	23.89	252	882516	48.373	ng #	96
88) Benzo(k)fluoranthene	23.97	252	851898	47.735	ng #	95
89) Benzo(a)pyrene	24.77	252	851746	49.615	ng #	97
90) Dibenzo(a,h)anthracene	28.66	278	812513	47.945	ng #	94
91) Benzo(g,h,i)perylene	29.76	276	835206	50.360	ng #	94

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

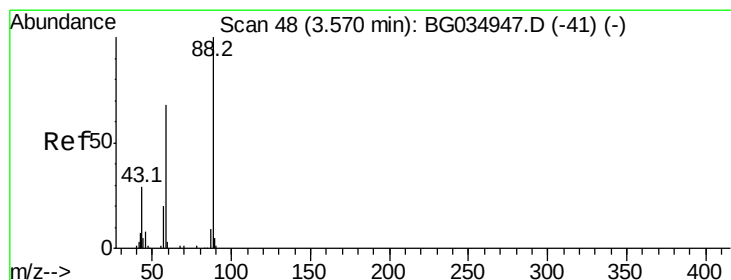
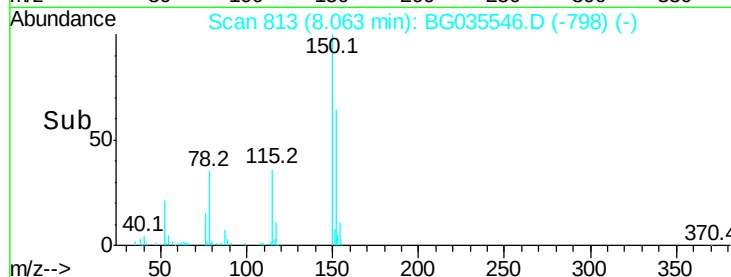
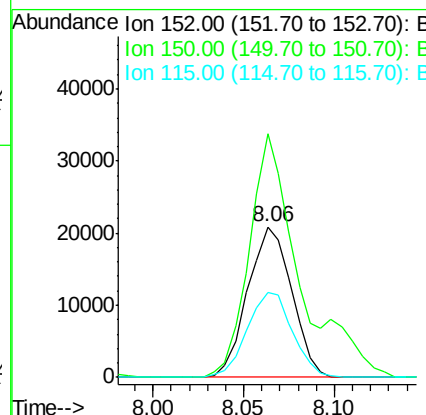
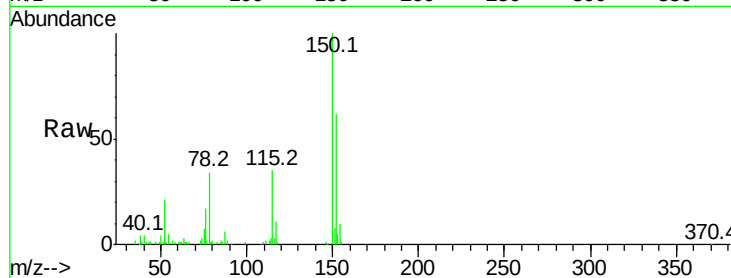


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Instrument :
BNA_G
ClientSampleId :

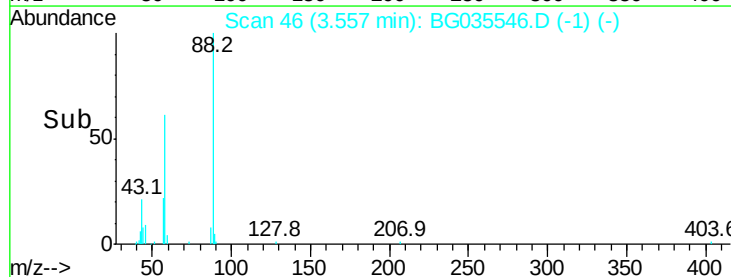
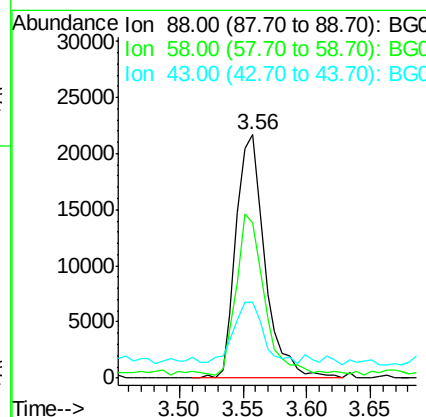
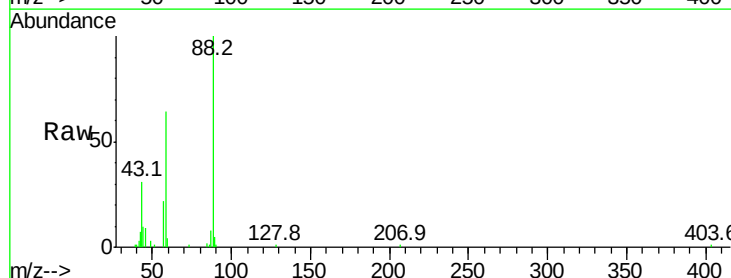
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.6	189.8
115	56.1	53.0	79.4

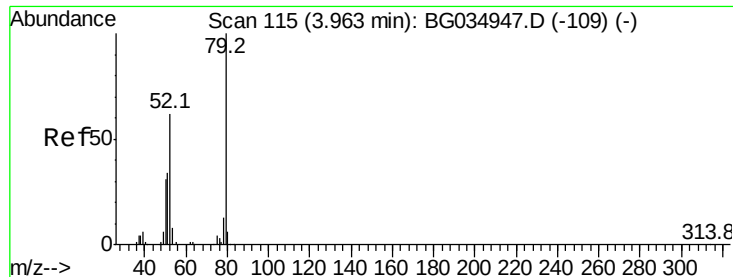


#2

1,4-Dioxane
Concen: 34.253 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.5	79.6	119.4#
43	25.8	27.4	41.0#





#3

Pvridine

Concen: 36.773 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

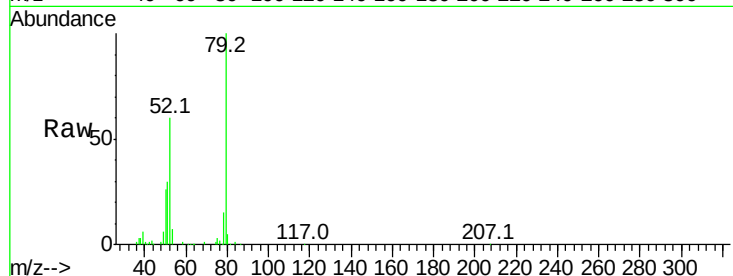
Tot Ion: 79 Resp: 98759

Ion Ratio Lower Upper

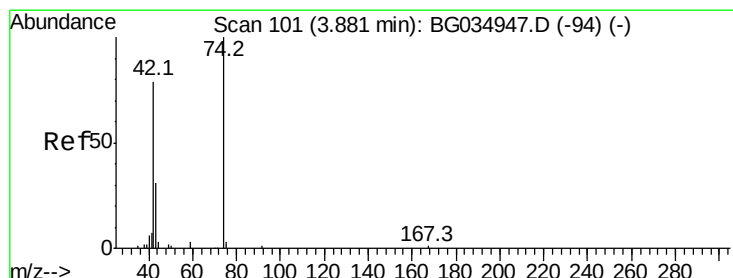
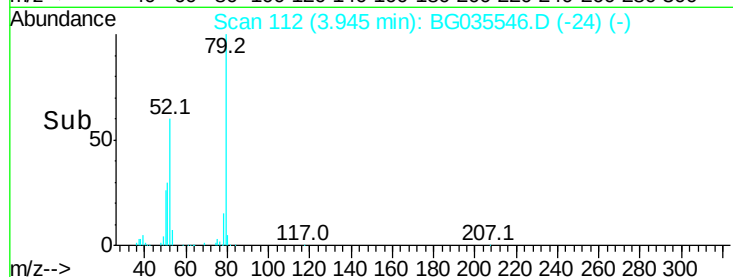
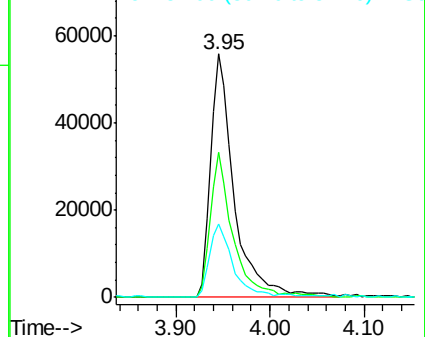
79 100

52 59.7 69.9 104.9#

51 30.2 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: 35.842 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

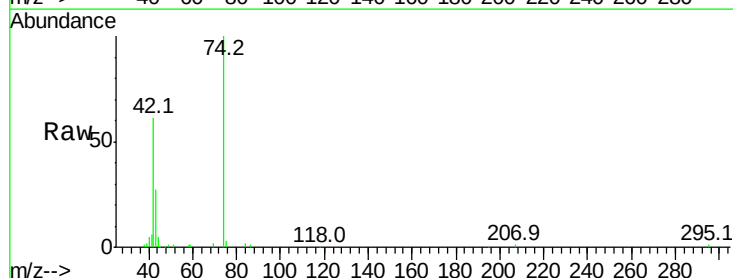
Tgt Ion: 42 Resp: 41354

Ion Ratio Lower Upper

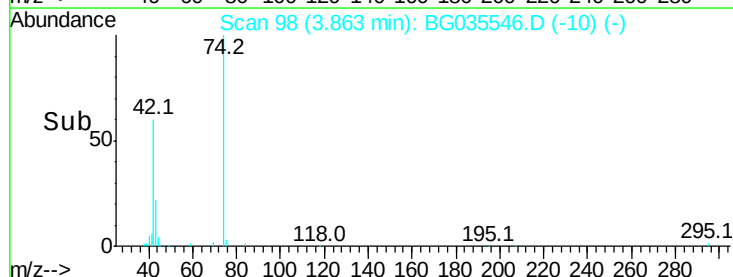
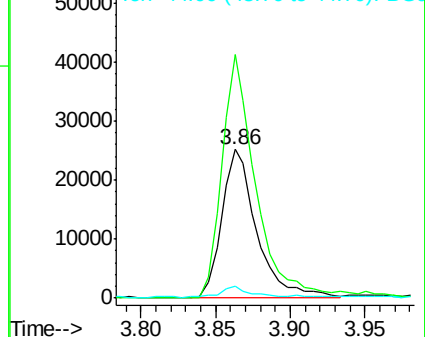
42 100

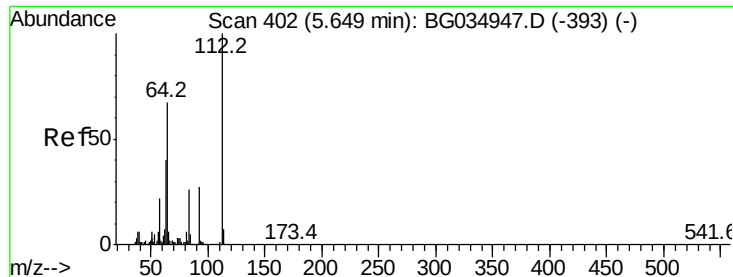
74 163.8 102.5 153.7#

44 8.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 100.323 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

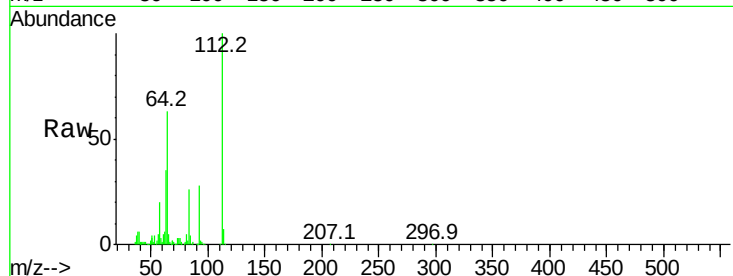
Tot Ion:112 Resp: 209295

Ion Ratio Lower Upper

112 100

64 62.8 56.3 84.5

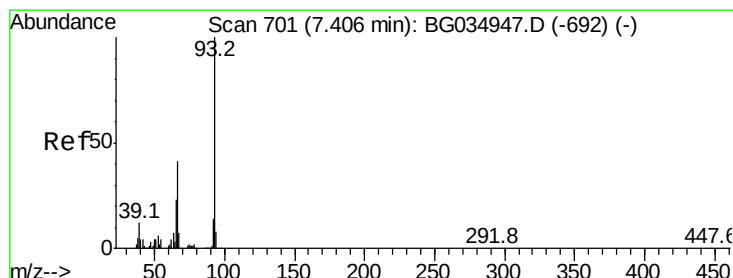
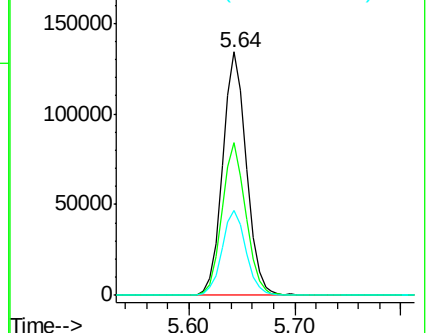
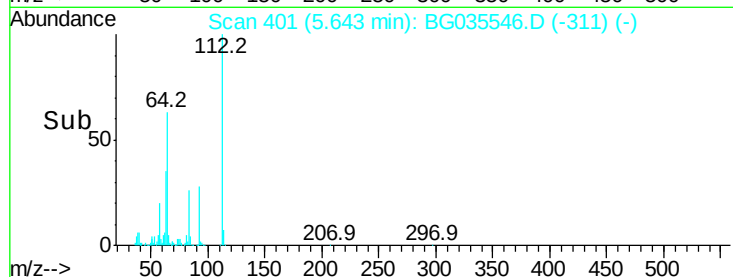
63 34.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.887 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

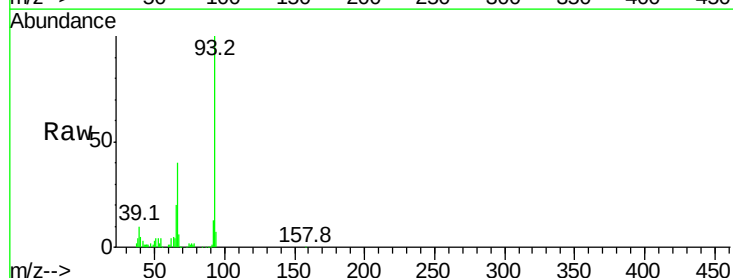
Tgt Ion: 93 Resp: 110992

Ion Ratio Lower Upper

93 100

66 40.1 33.7 50.5

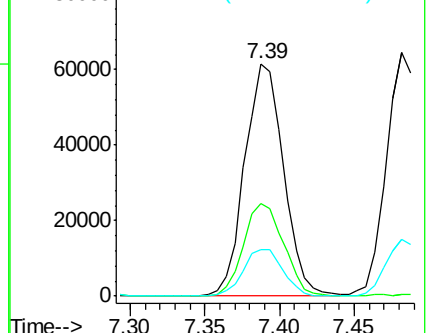
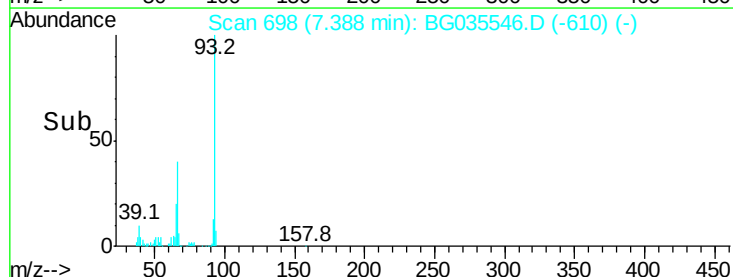
65 20.1 16.1 24.1

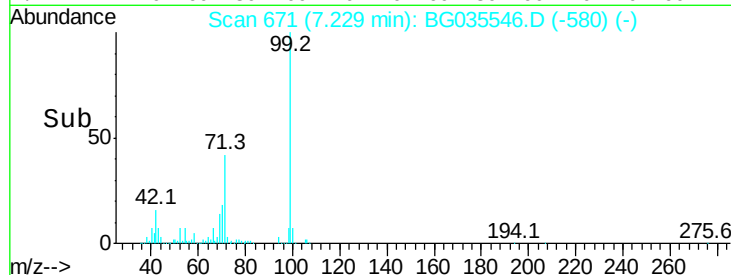
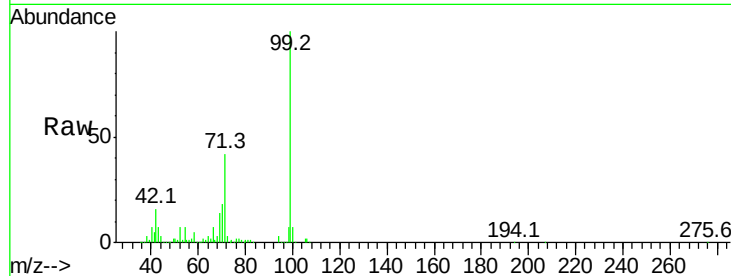
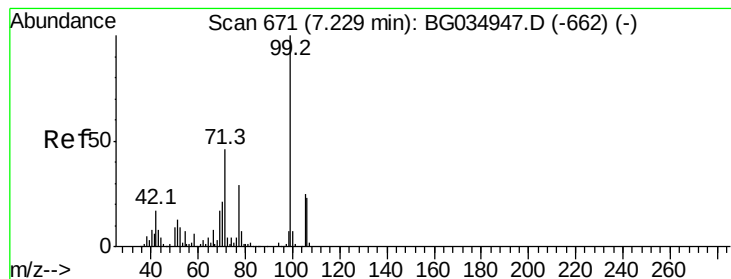


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.925 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

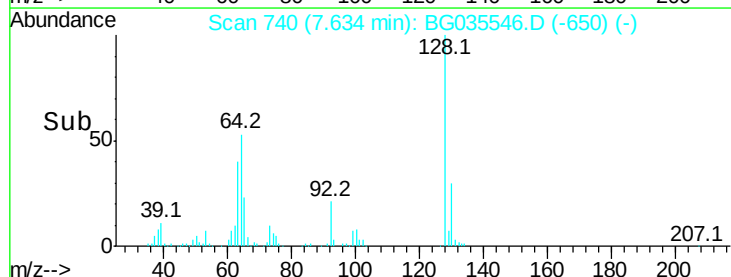
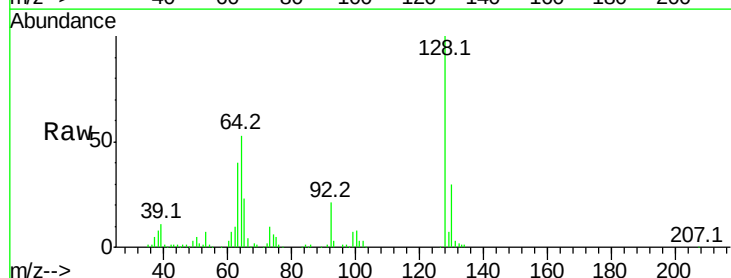
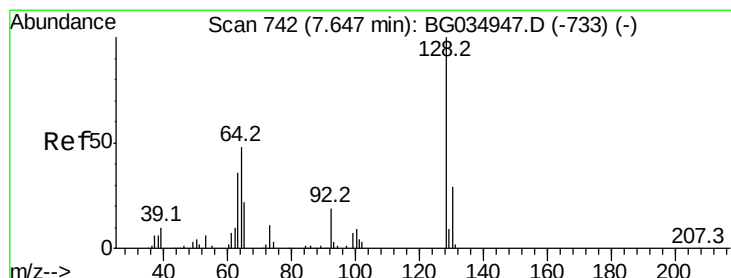
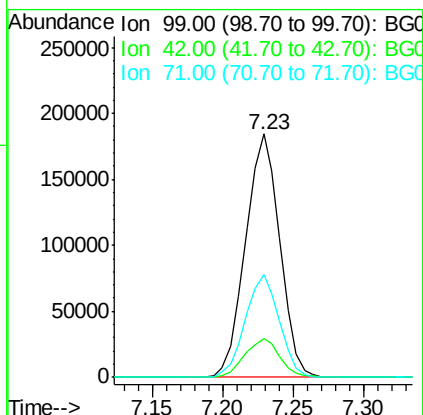
Tot Ion: 99 Resp: 313840

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 42.1 26.1 39.1#



#8

2-Chlorophenol

Concen: 48.690 ng

RT: 7.63 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

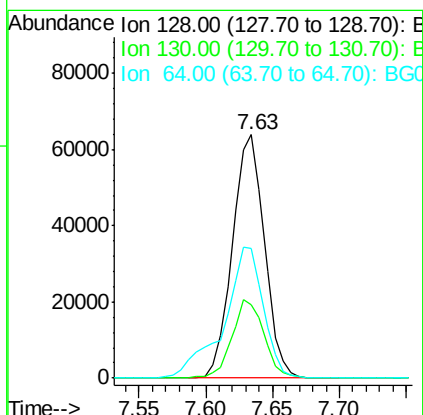
Tgt Ion:128 Resp: 106475

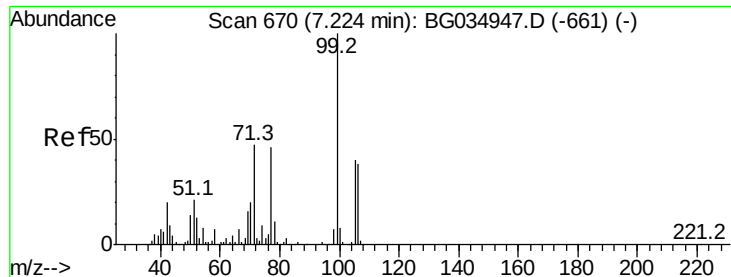
Ion Ratio Lower Upper

128 100

130 30.0 14.0 54.0

64 53.2 37.7 77.7





#9

Benzaldehyde

Concen: 26.929 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampled :

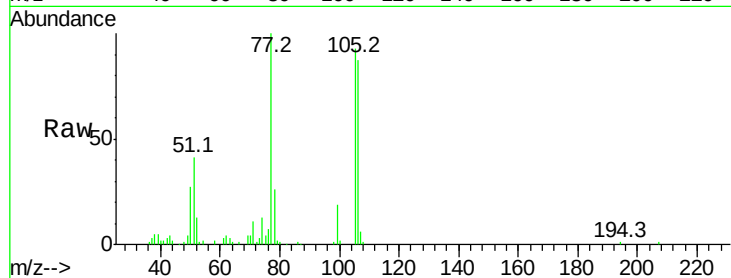
Tot Ion: 77 Resp: 63868

Ion Ratio Lower Upper

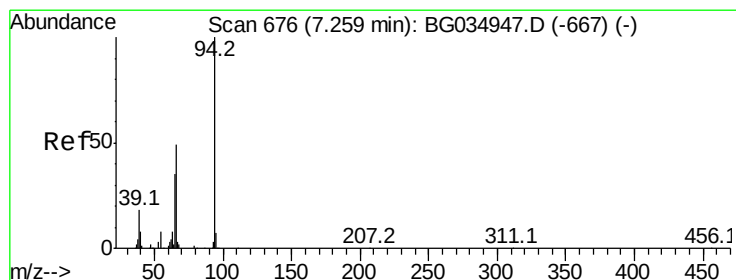
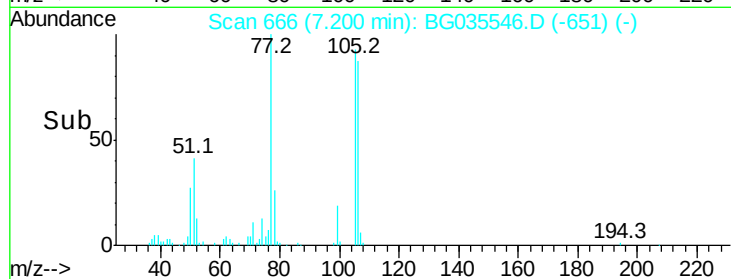
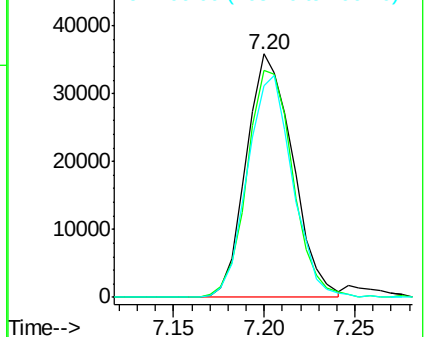
77 100

105 93.1 71.3 111.3

106 87.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.657 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

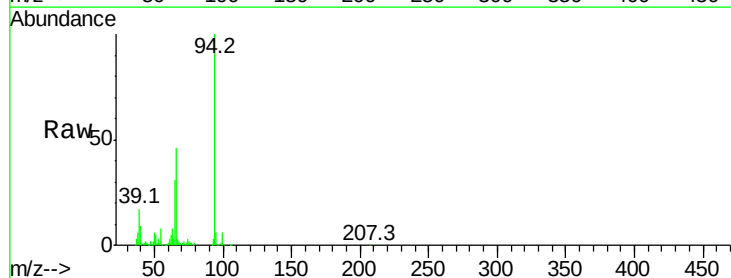
Tgt Ion: 94 Resp: 164607

Ion Ratio Lower Upper

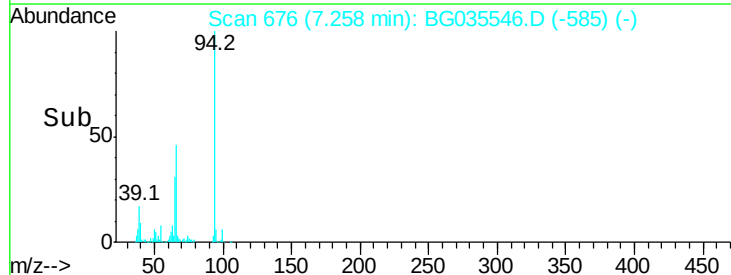
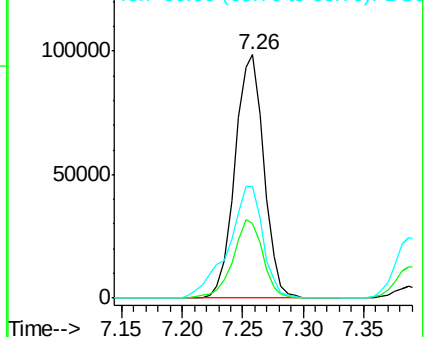
94 100

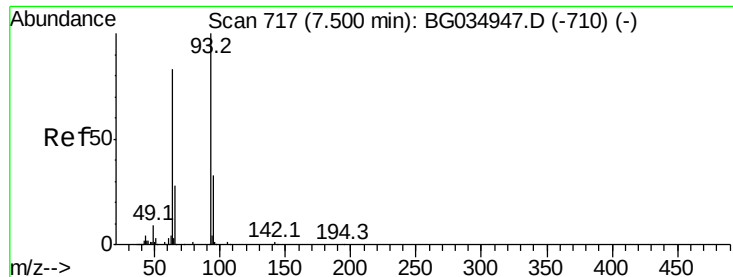
65 30.8 11.9 51.9

66 46.0 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: 41.259 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

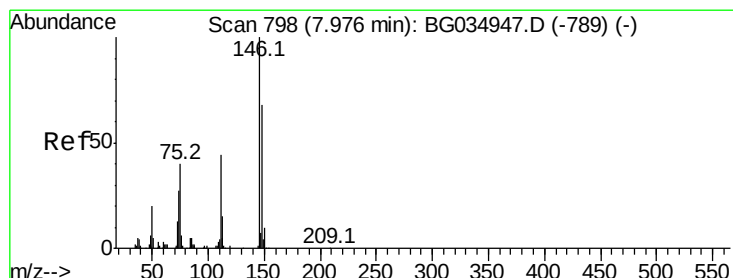
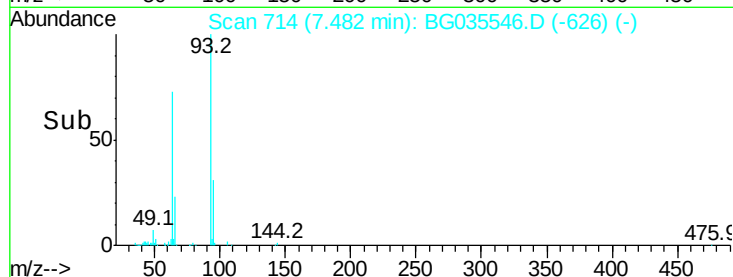
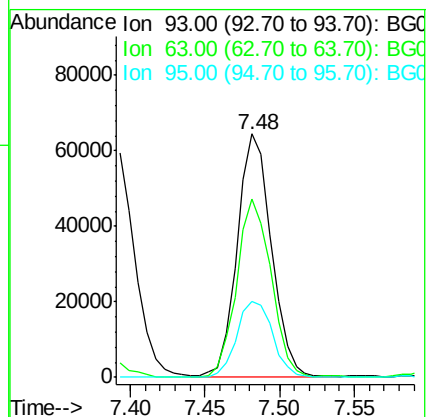
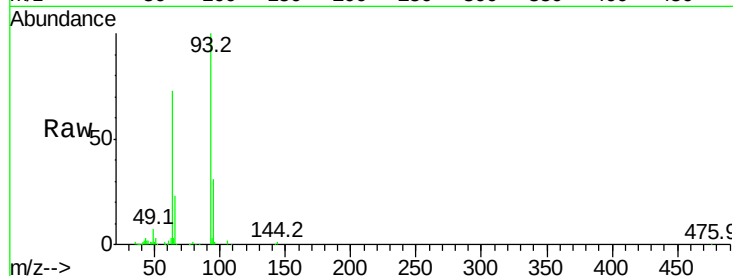
Tot Ion: 93 Resp: 102044

Ion Ratio Lower Upper

93 100

63 73.0 67.1 107.1

95 31.2 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 44.279 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

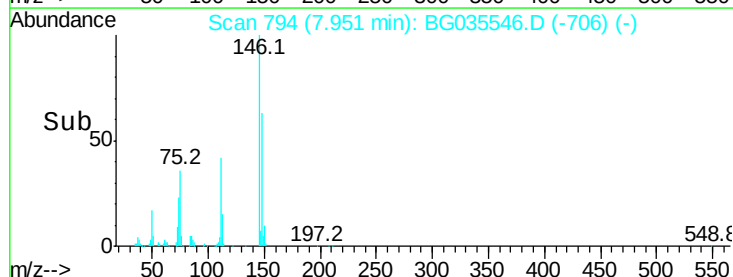
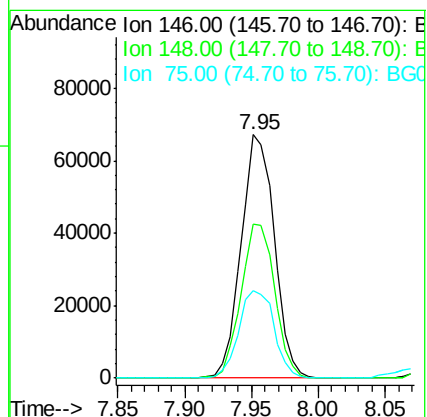
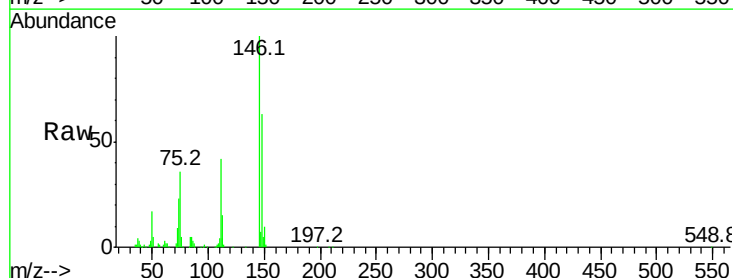
Tgt Ion: 146 Resp: 115532

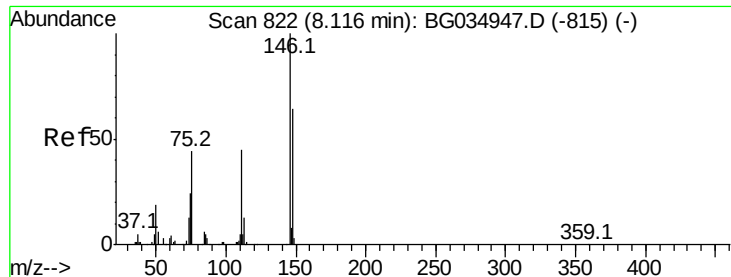
Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

75 35.7 26.6 39.8

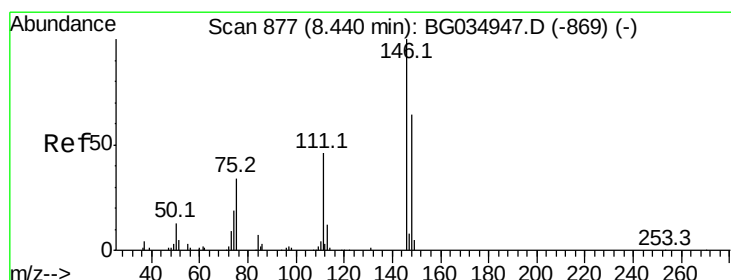
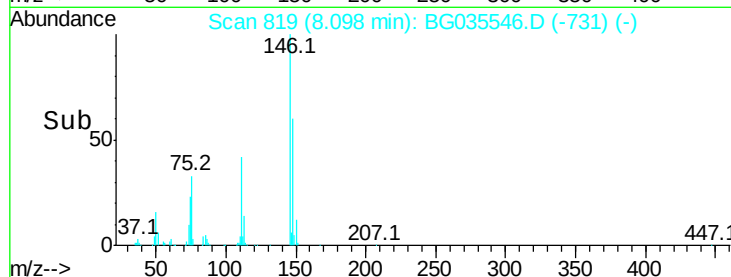
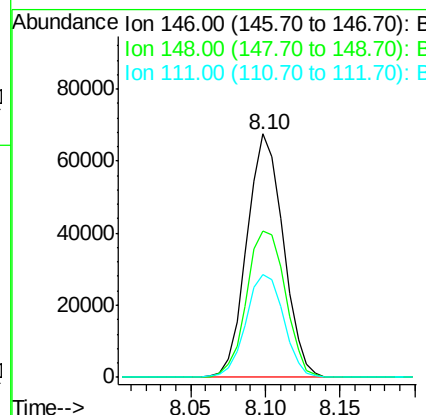
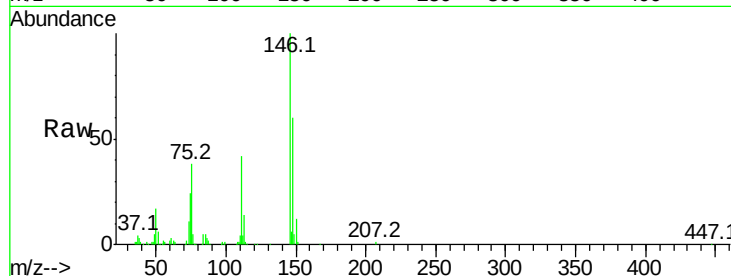




#13
 1,4-Dichlorobenzene
 Concen: 42.185 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

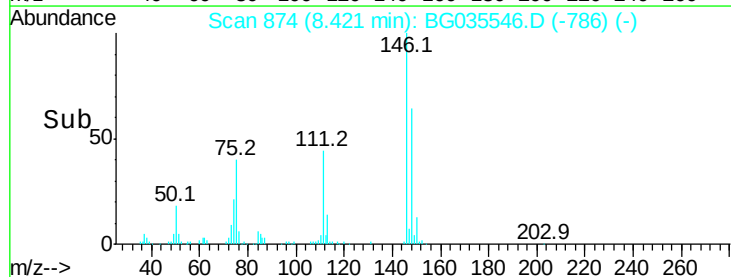
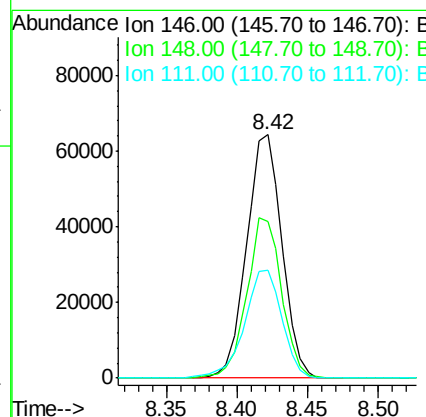
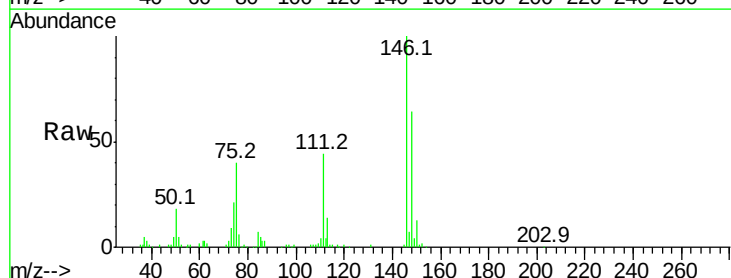
Instrument :
 BNA_G
 ClientSampleId :

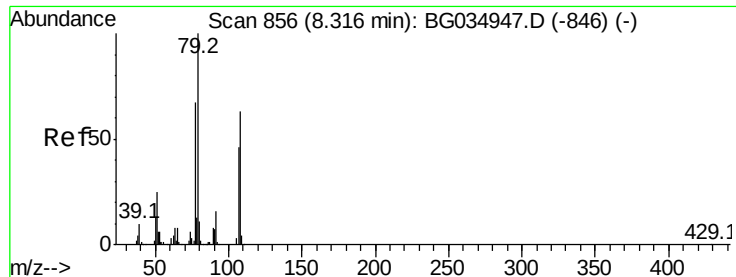
Tot Ion:146 Resp: 113622
 Ion Ratio Lower Upper
 146 100
 148 60.4 53.7 80.5
 111 42.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.541 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion:146 Resp: 112688
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.3 73.9
 111 44.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.983 ng

RT: 8.30 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

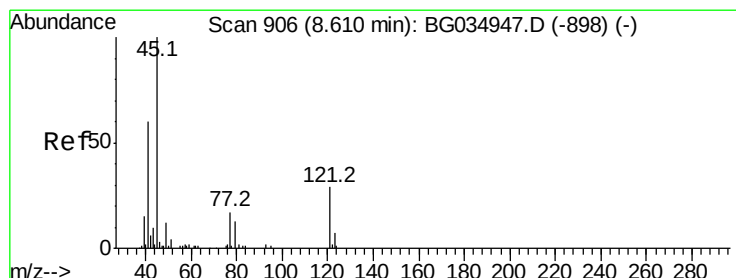
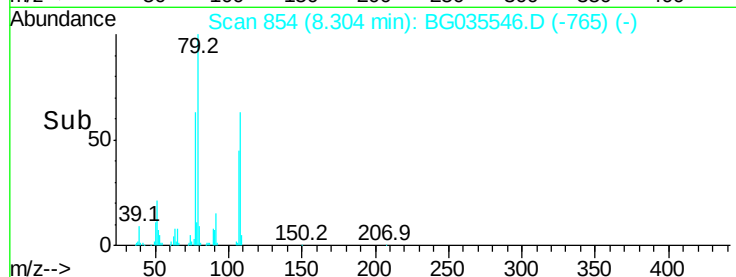
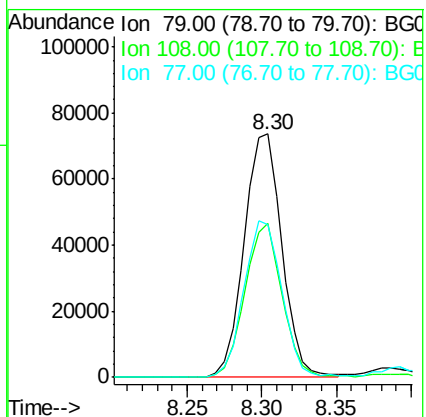
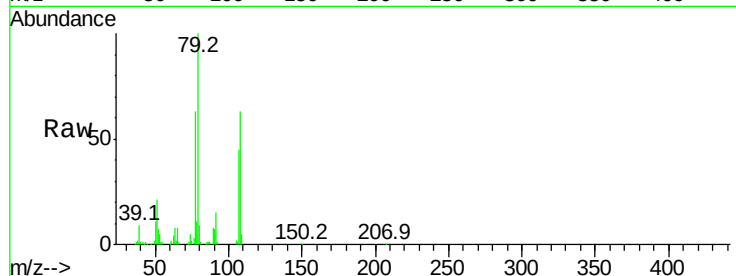
Tot Ion: 79 Resp: 128327

Ion Ratio Lower Upper

79 100

108 63.3 57.2 85.8

77 62.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.549 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

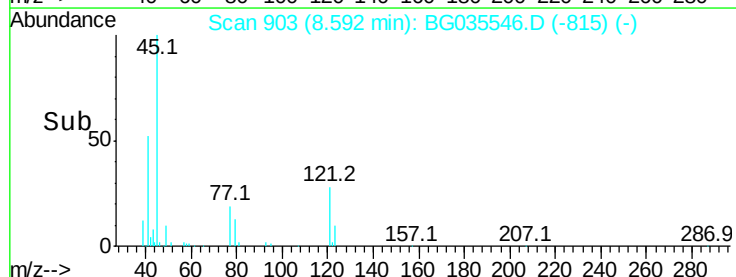
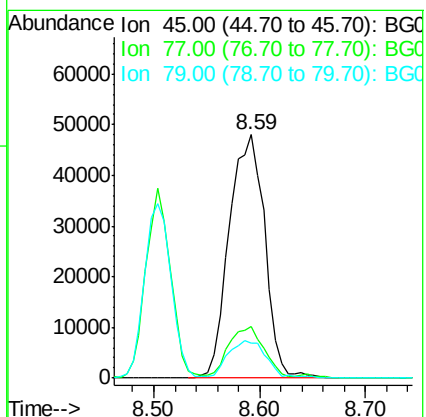
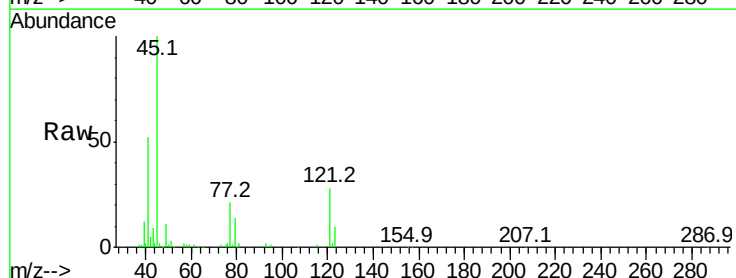
Tgt Ion: 45 Resp: 112126

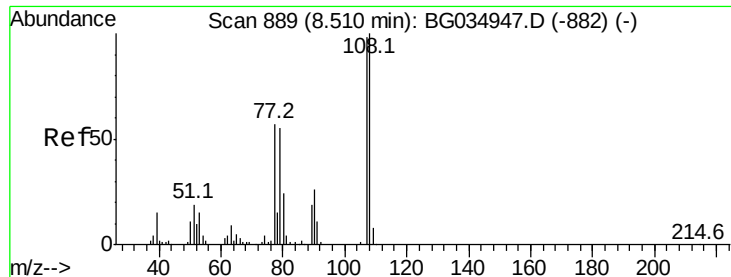
Ion Ratio Lower Upper

45 100

77 21.1 0.0 30.2

79 14.3 0.0 27.9





#17

2-Methylphenol

Concen: 51.057 ng

RT: 8.50 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 107263

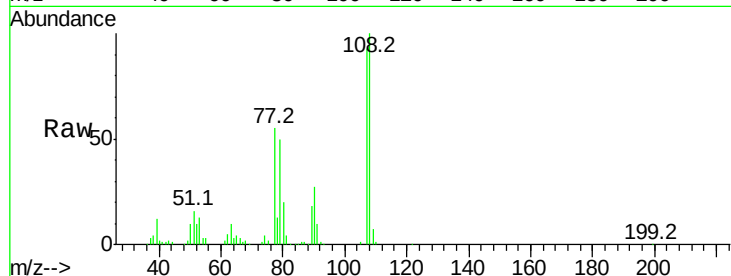
Ion Ratio Lower Upper

107 100

108 107.9 83.9 125.9

77 58.8 37.2 55.8#

79 53.9 36.2 54.2

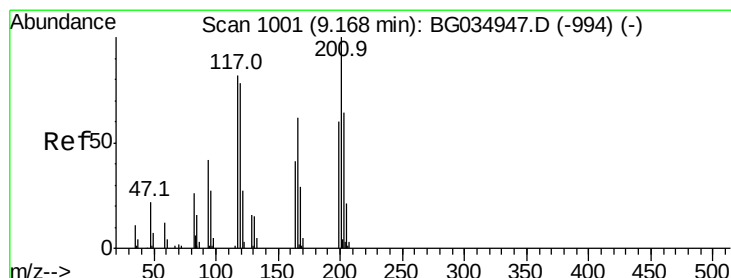
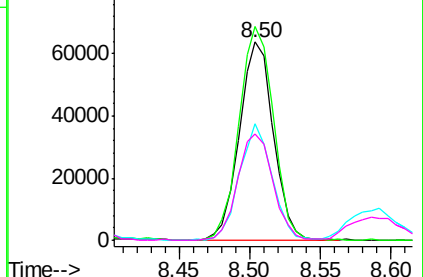
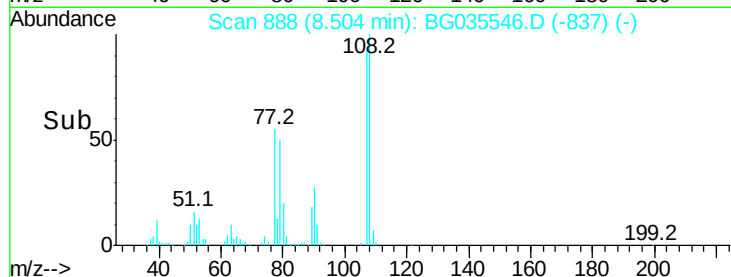


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 44.843 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

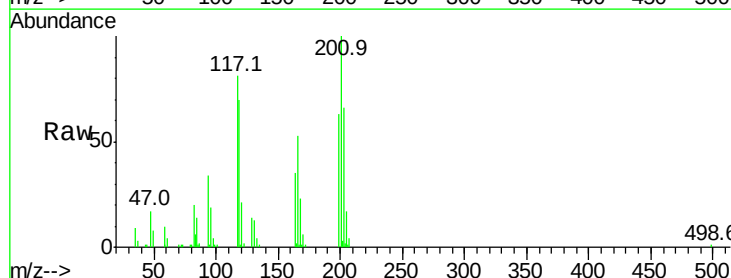
Tgt Ion:117 Resp: 43241

Ion Ratio Lower Upper

117 100

119 87.1 76.7 115.1

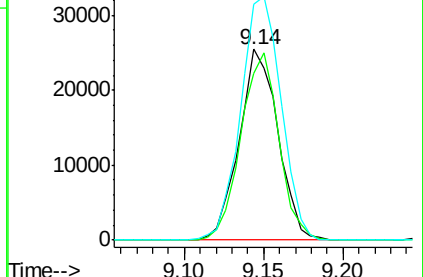
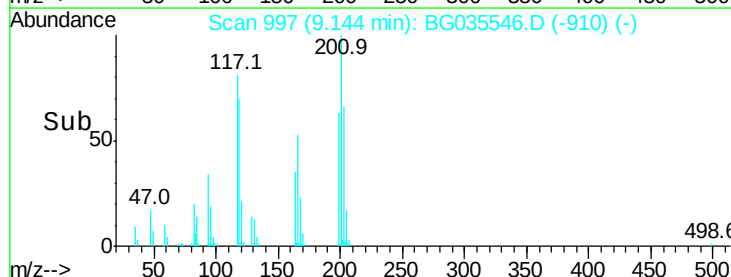
201 123.6 95.7 143.5

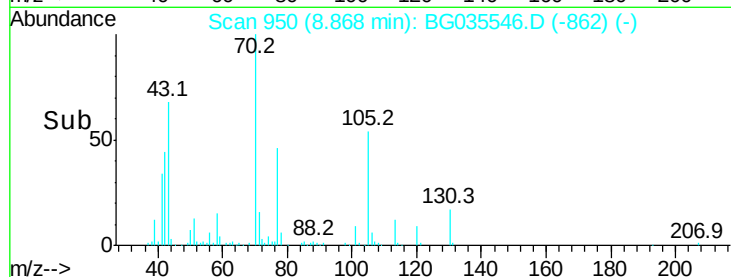
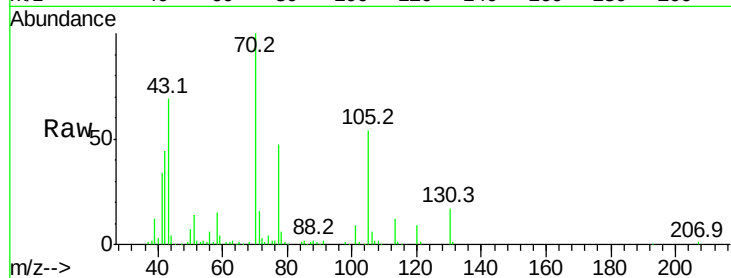
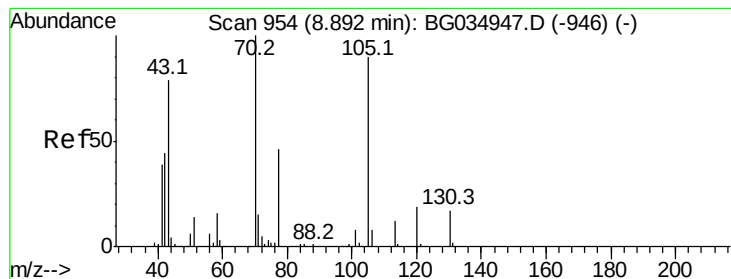


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.459 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 100608

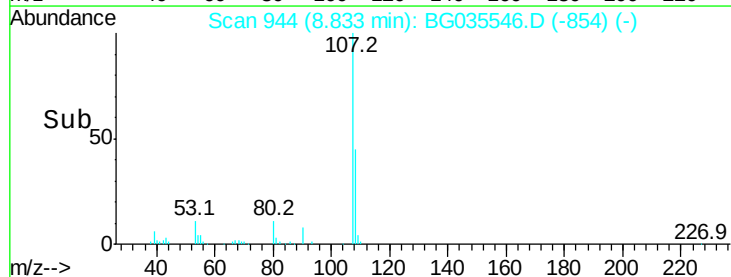
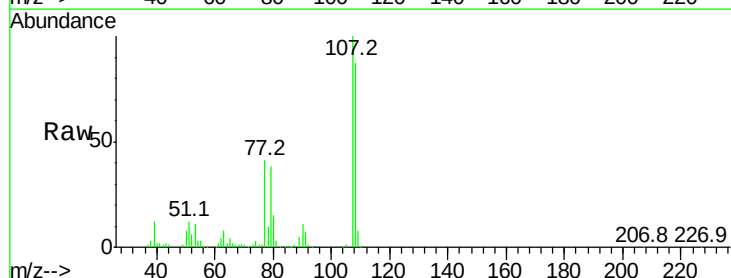
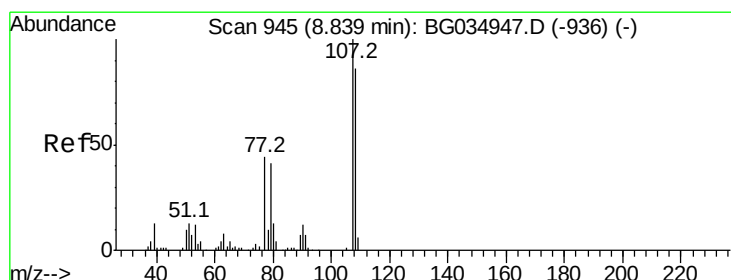
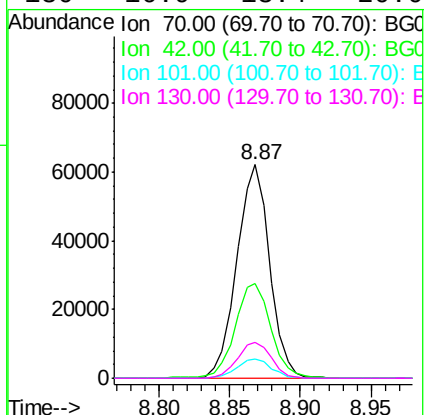
Ion Ratio Lower Upper

70 100

42 44.2 49.1 73.7#

101 9.3 8.5 12.7

130 16.9 13.4 20.0



#20

3+4-Methylphenols

Concen: 49.406 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Tgt Ion:107 Resp: 148776

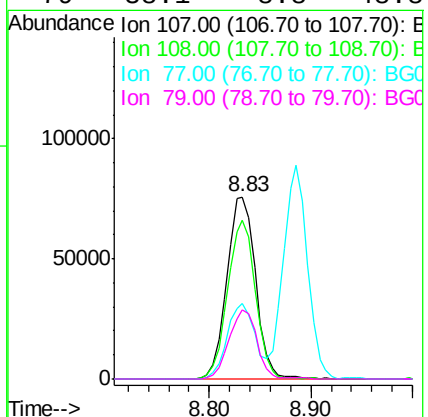
Ion Ratio Lower Upper

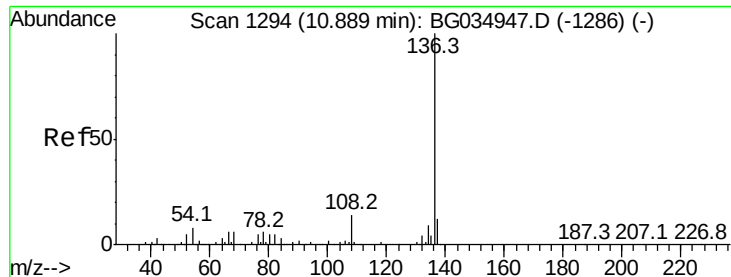
107 100

108 87.2 61.6 101.6

77 41.2 13.9 53.9

79 38.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

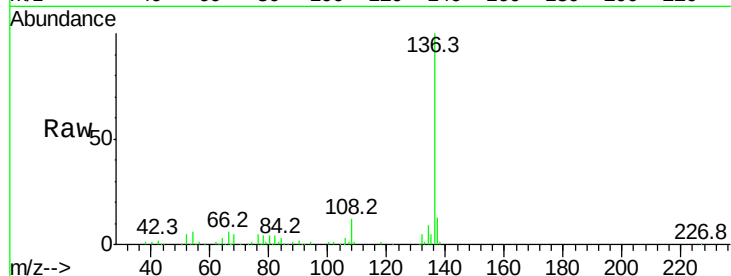
BNA_G

ClientSampleId :

Tot Ion:136 Resp: 134672

Ion Ratio Lower Upper

136	100		
137	12.5	9.2	13.8
54	6.1	10.3	15.5#
68	4.6	4.5	6.7

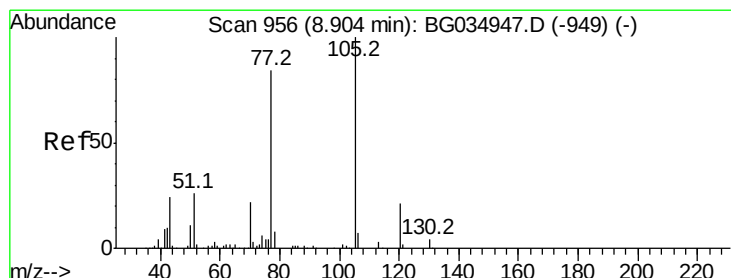
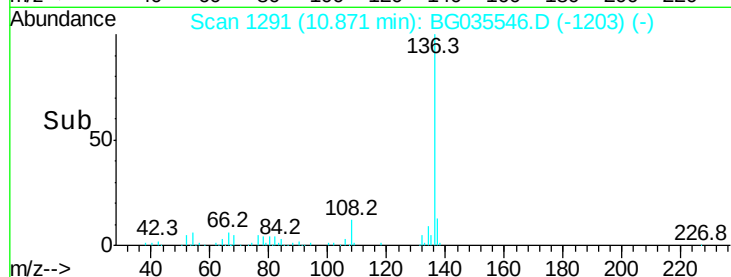
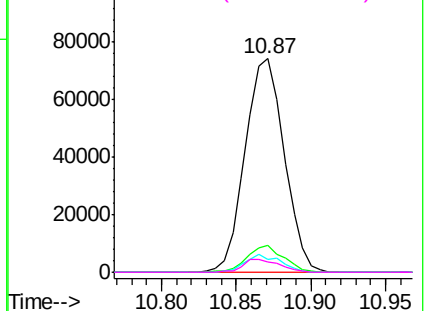


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.613 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Tgt Ion:105 Resp: 181943

Ion Ratio Lower Upper

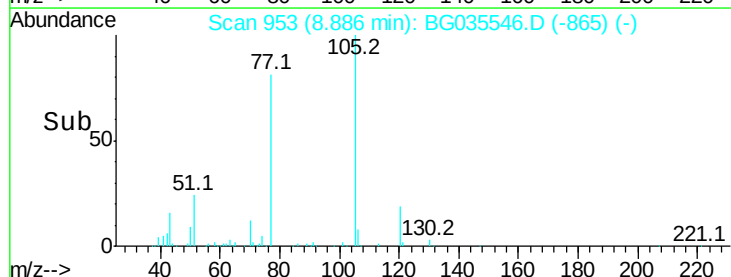
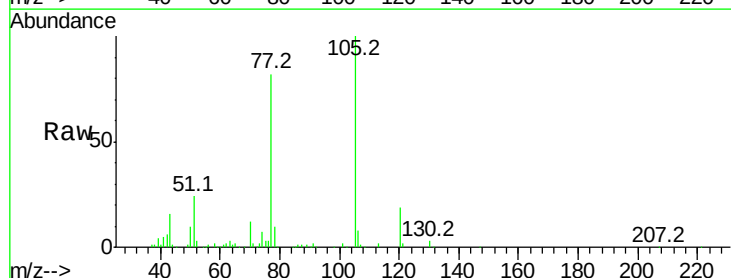
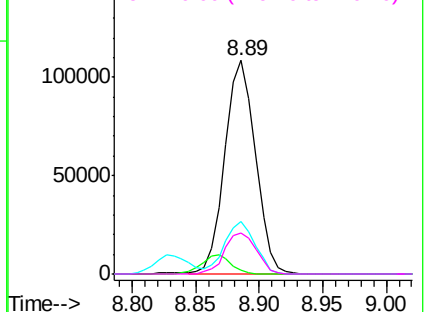
105	100		
71	2.1	3.0	4.4#
51	24.3	26.1	39.1#
120	19.5	17.4	26.2

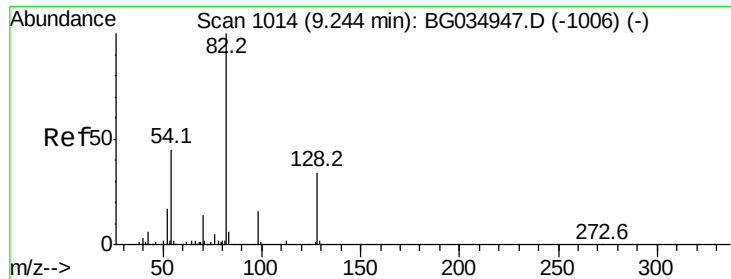
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

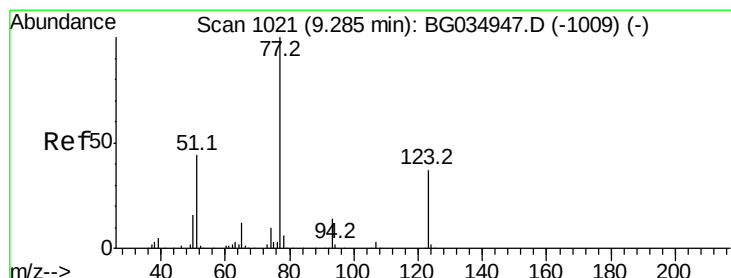
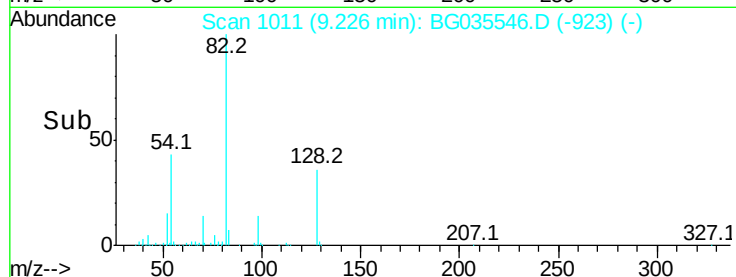
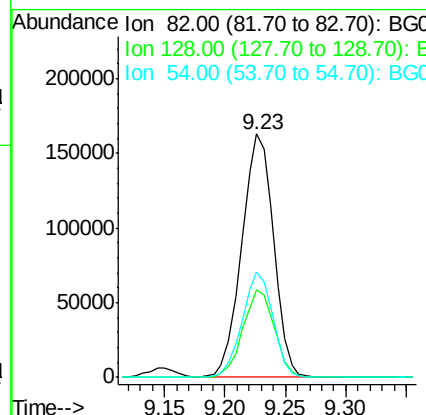
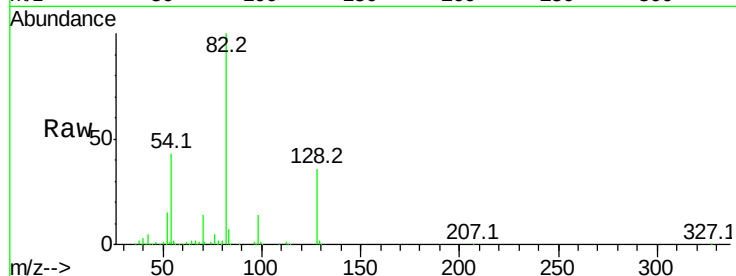




#23
 Nitrobenzene-d5
 Concen: 106.127 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

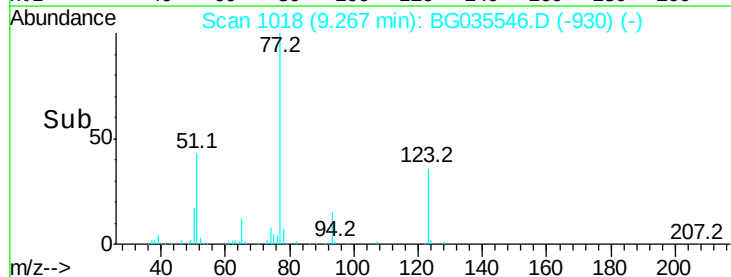
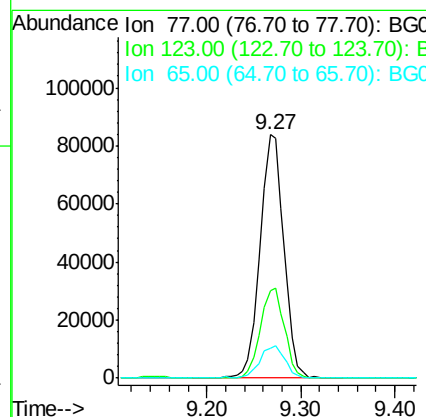
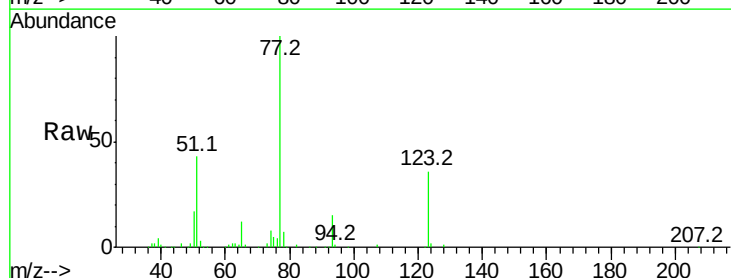
Instrument :
 BNA_G
 ClientSampleId :

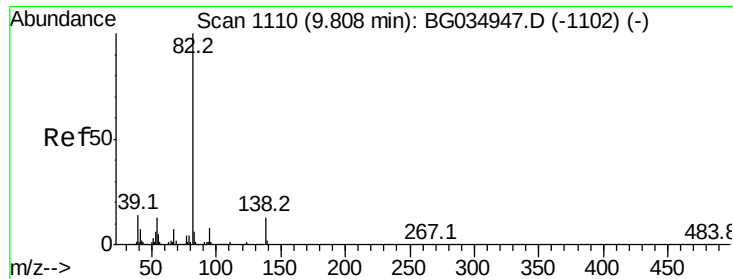
Tot Ion	82	Resp	300675
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	43.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 50.440 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion	77	Resp	146335
Ion	Ratio	Lower	Upper
77	100		
123	36.1	33.0	49.6
65	12.1	13.0	19.6#





#25

Isophorone

Concen: 47.493 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

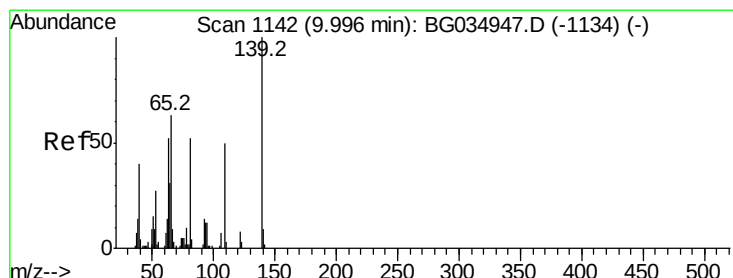
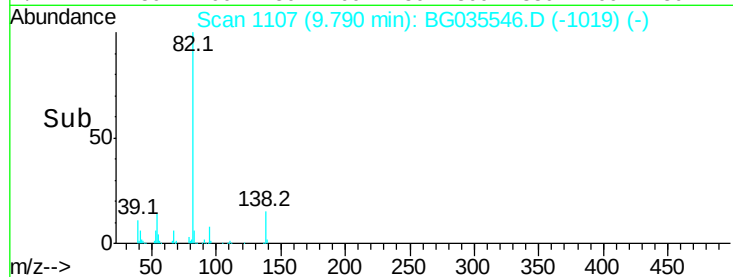
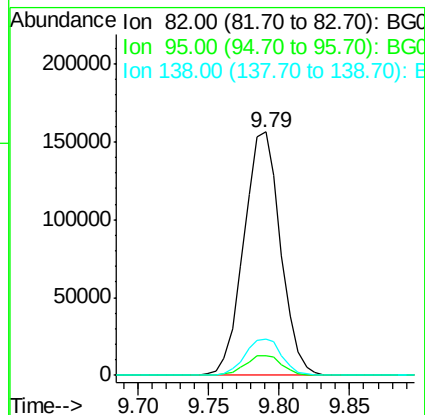
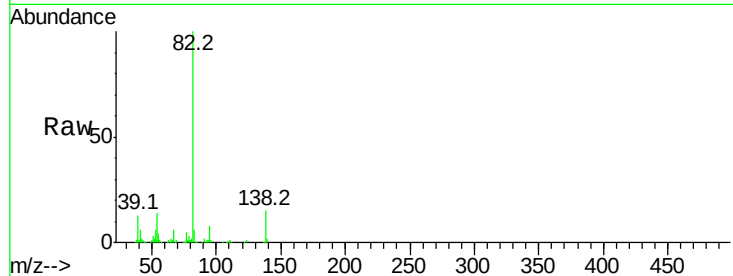
Tot Ion: 82 Resp: 284090

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

138 15.1 12.1 18.1



#26

2-Nitrophenol

Concen: 61.136 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

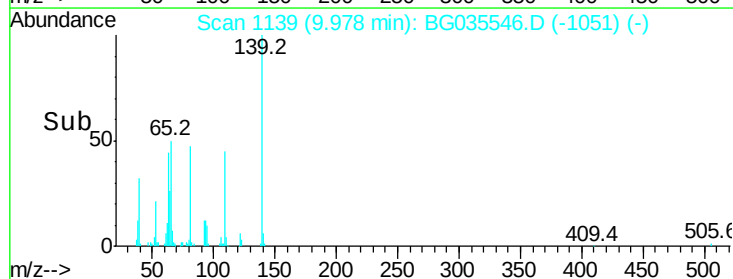
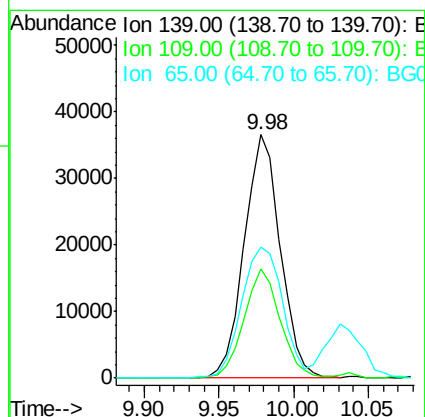
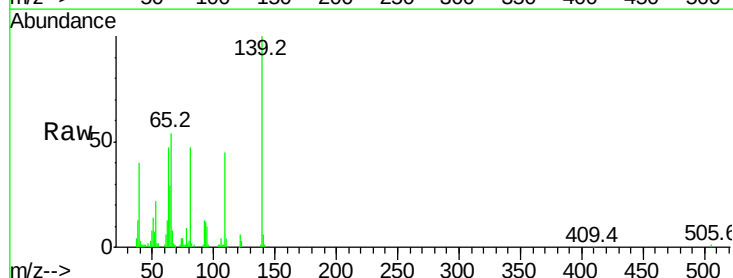
Tgt Ion: 139 Resp: 61137

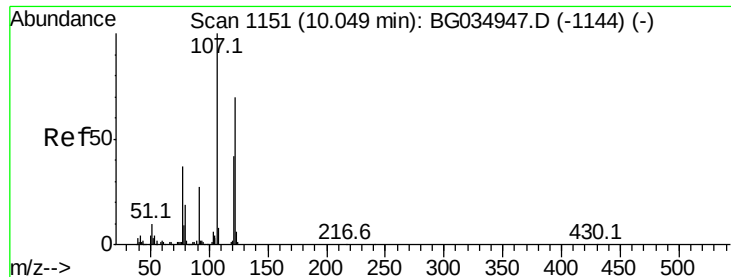
Ion Ratio Lower Upper

139 100

109 44.7 24.2 36.2#

65 53.7 47.4 71.0

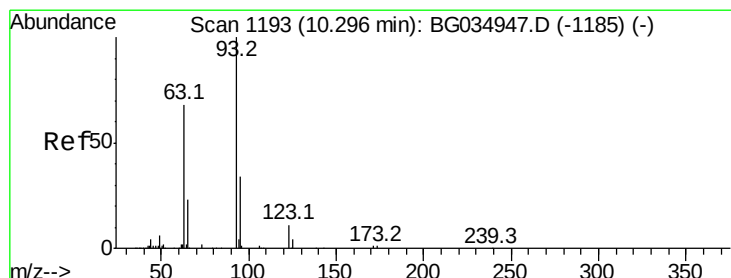
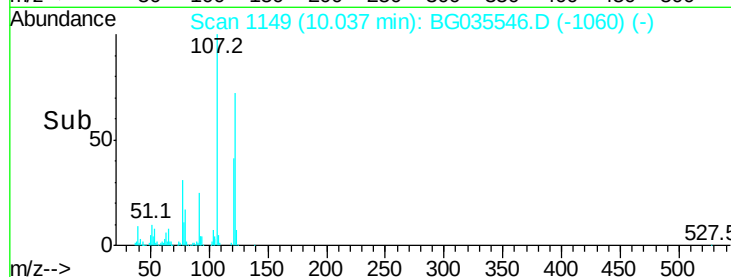
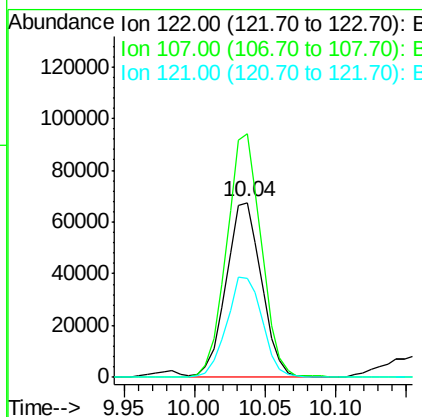
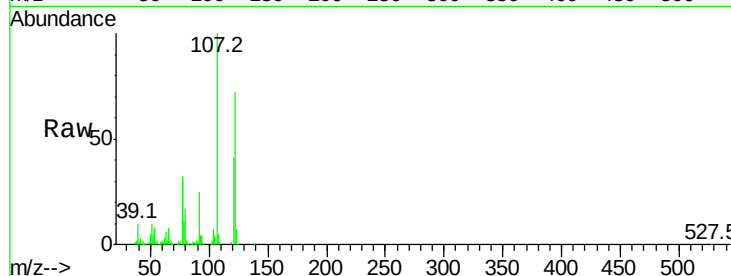




#27
2,4-Dimethylphenol
Concen: 55.393 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

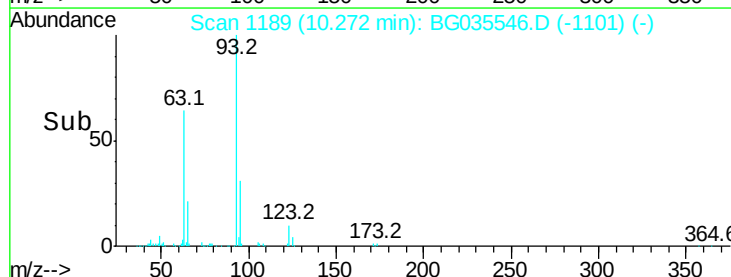
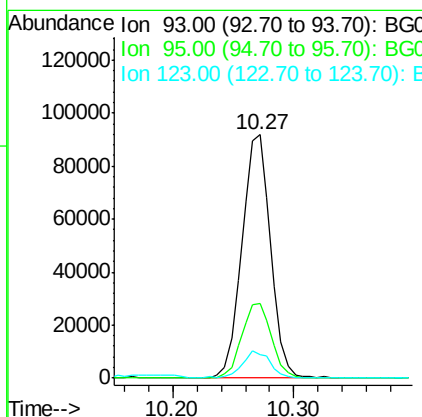
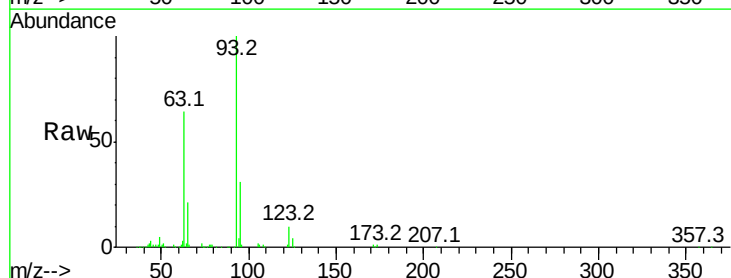
Instrument :
BNA_G
ClientSampleId :

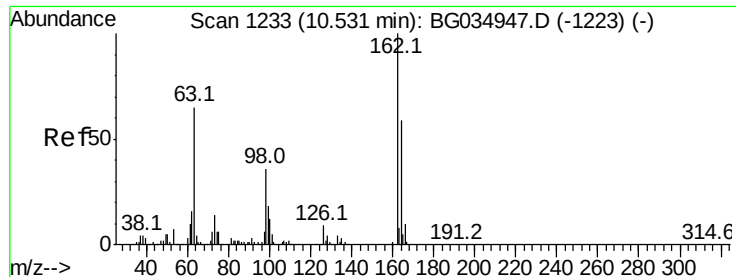
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.3	100.2	150.2
121	56.5	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.110 ng
RT: 10.27 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	24.3	36.5
123	9.8	8.4	12.6

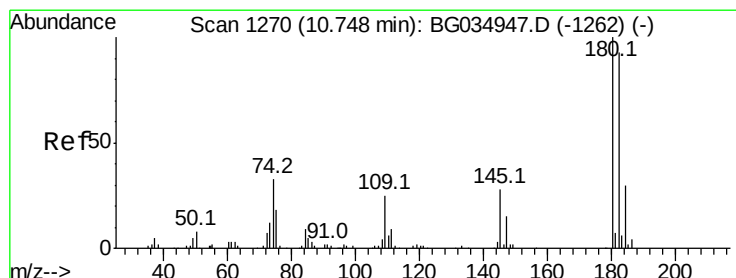
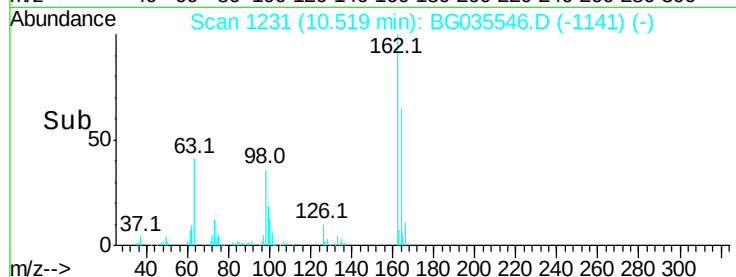
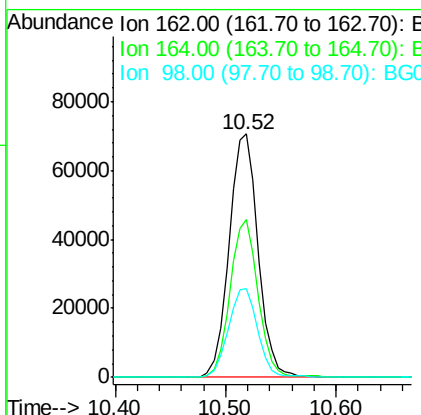
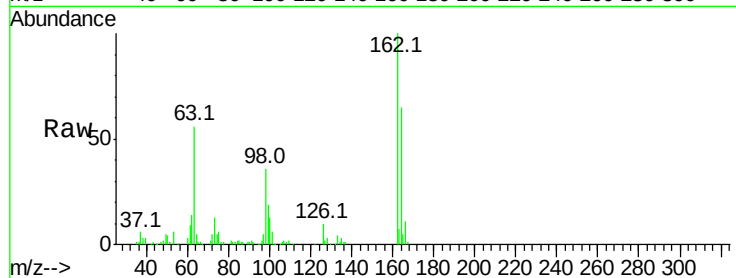




#29
 2,4-Dichlorophenol
 Concen: 56.840 ng
 RT: 10.52 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

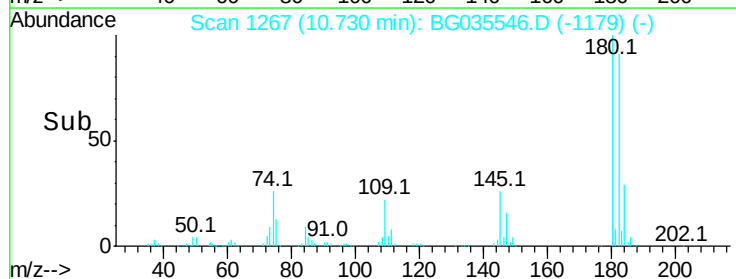
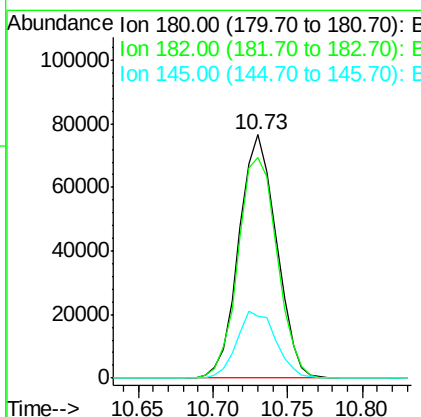
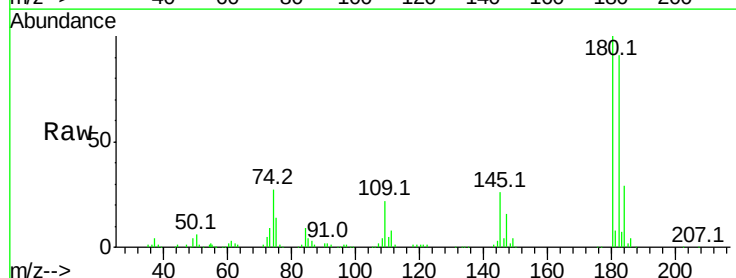
Instrument :
 BNA_G
 ClientSampleId :

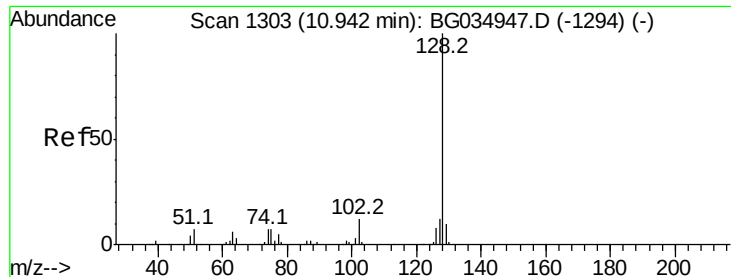
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	48.0	88.0
98	36.3	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 48.659 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	77.5	116.3
145	25.6	23.4	35.2

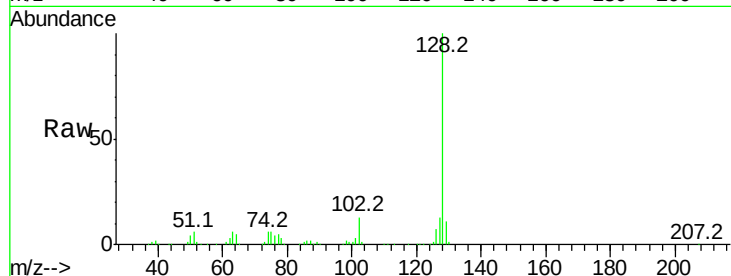




#31
Naphthalene
Concen: 47.931 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.9	11.6	17.4

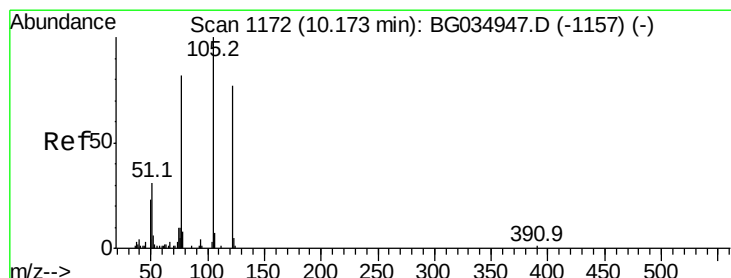
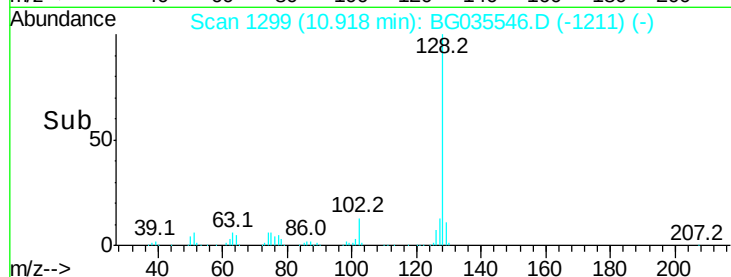
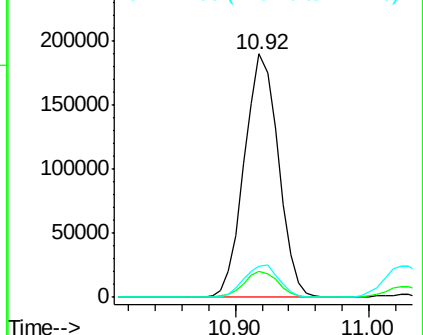


Abundance

Ion 128.00 (127.70 to 128.70): E

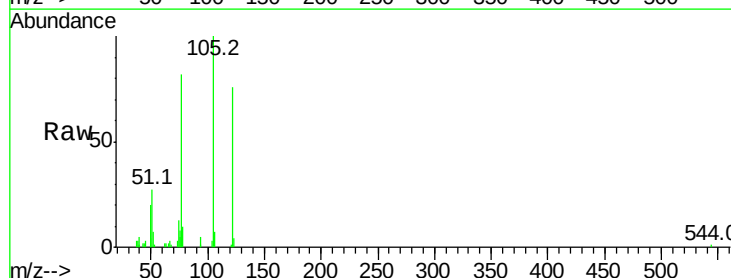
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.605 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.03 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	123.5	163.5
77	108.1	85.7	125.7

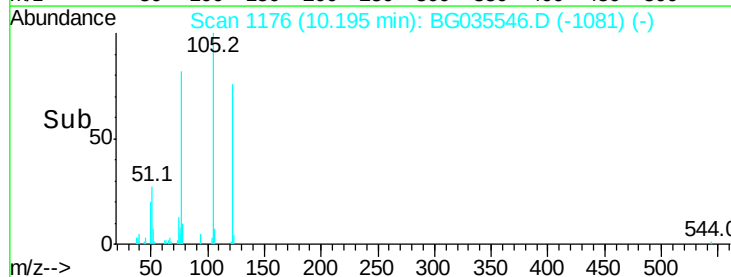
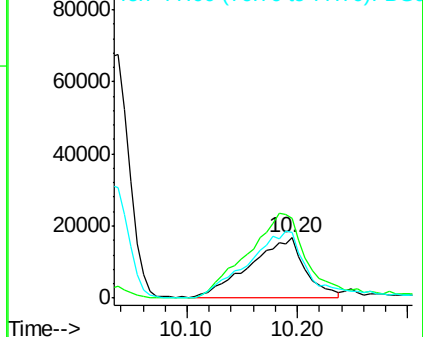


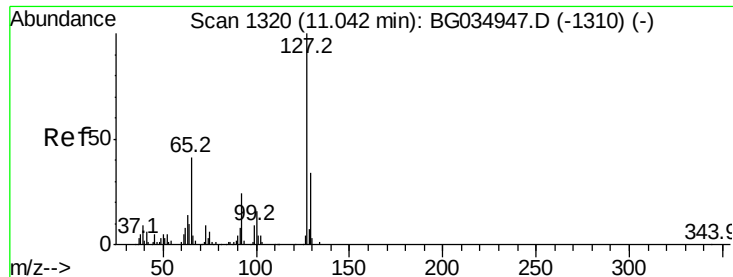
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

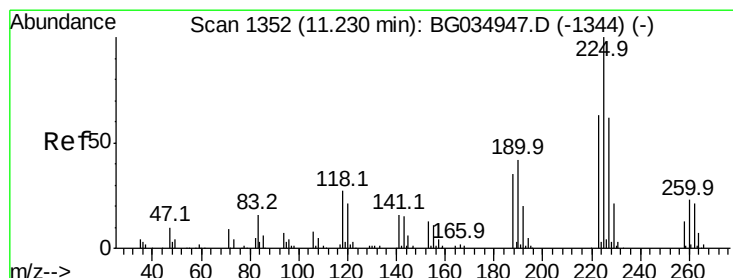
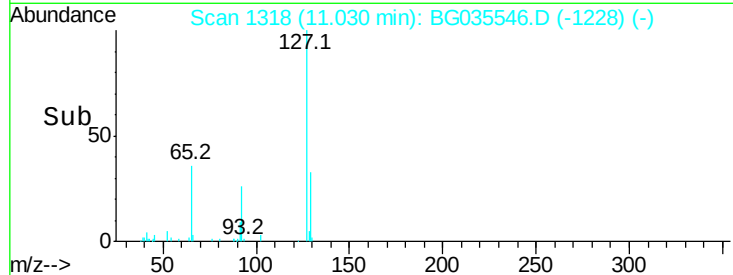
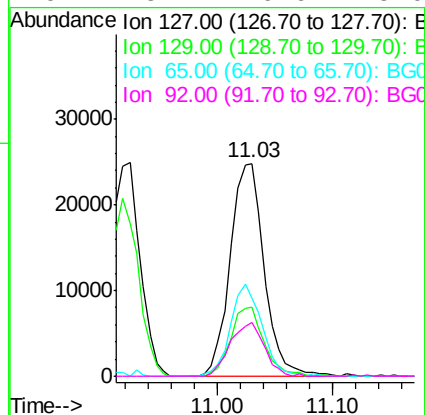
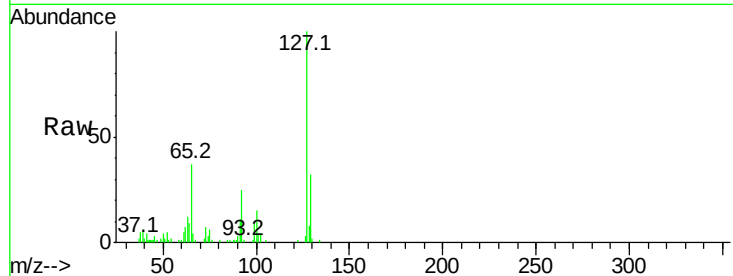




#33
4-Chloroaniline
Concen: 16.674 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

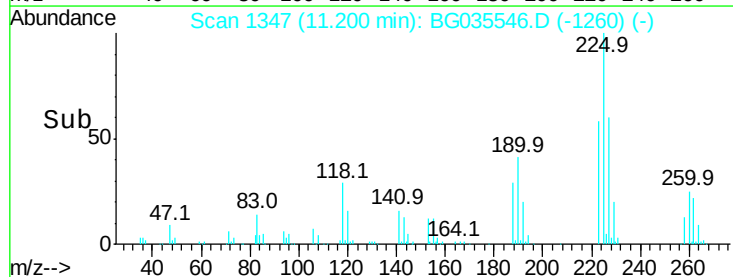
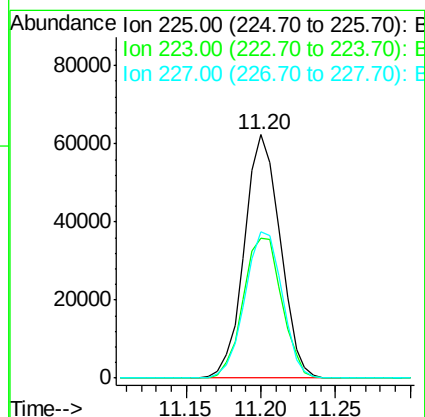
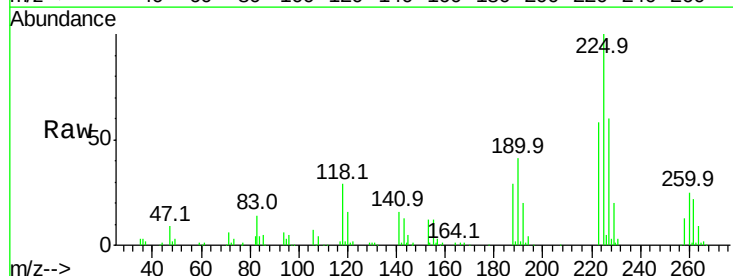
Instrument :
BNA_G
ClientSampleId :

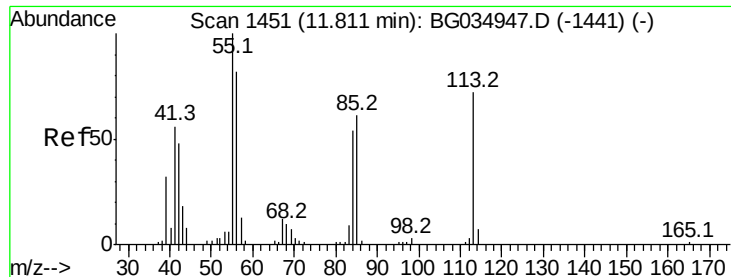
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	36.7	27.0	40.4
92	25.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 48.468 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.7	49.7	74.5
227	60.4	48.1	72.1





#35

Caprolactam

Concen: 35.452 ng

RT: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

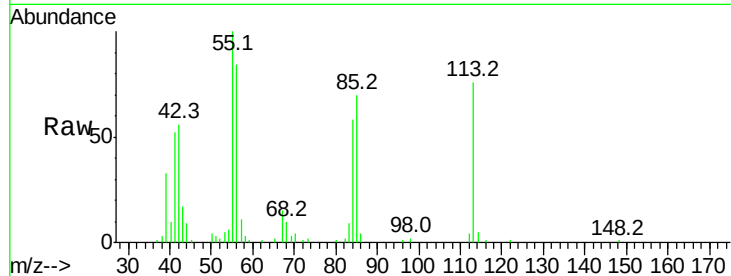
Tot Ion:113 Resp: 29966

Ion Ratio Lower Upper

113 100

55 130.8 186.9 226.9#

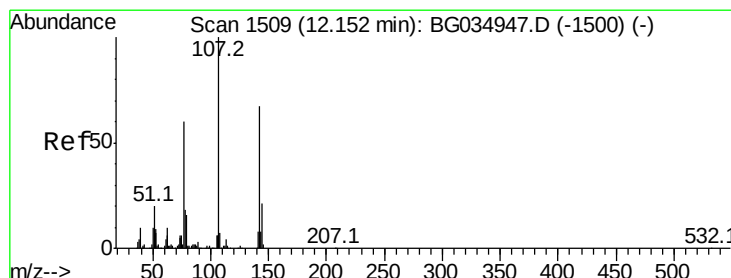
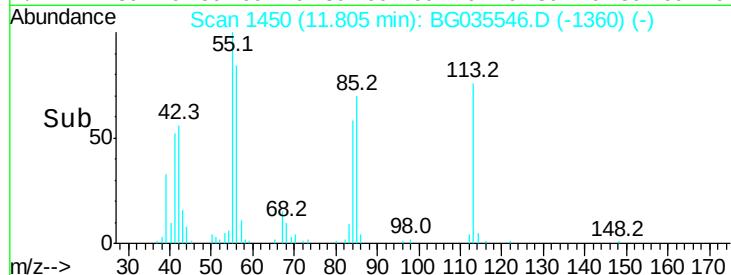
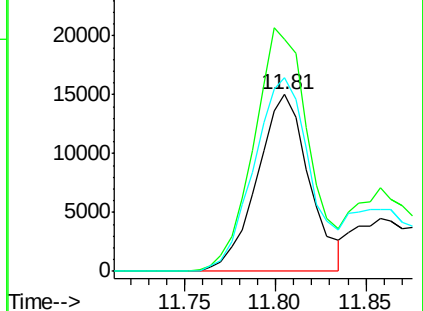
56 109.7 130.9 170.9#



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: 55.507 ng

RT: 12.15 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

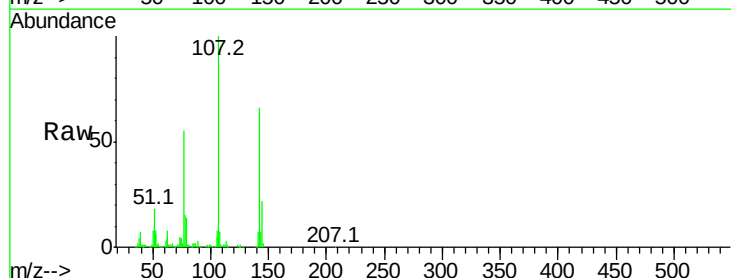
Tgt Ion:107 Resp: 158251

Ion Ratio Lower Upper

107 100

144 22.2 18.2 27.4

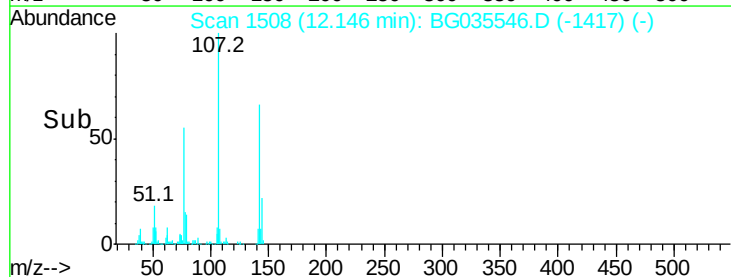
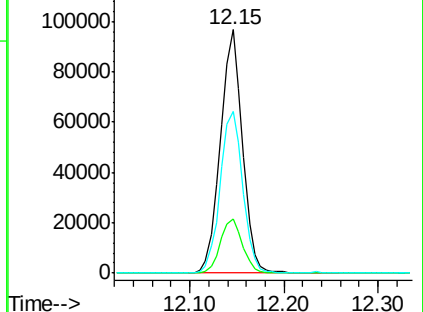
142 66.4 59.0 88.4

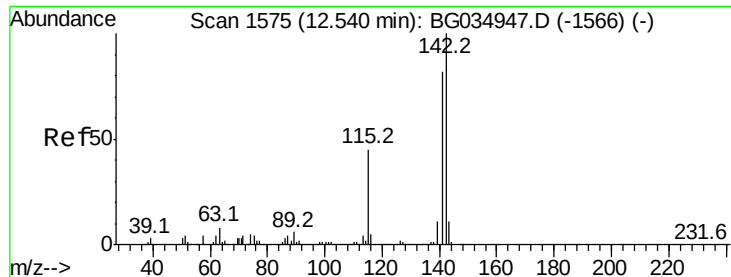


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

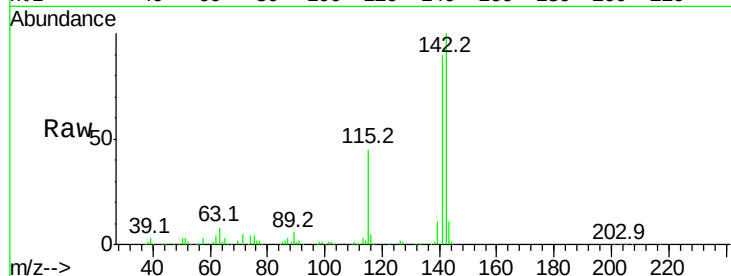




#37
2-Methylnaphthalene
Concen: 48.678 ng
RT: 12.74 min Scan# 1609
Delta R.T. 0.20 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	67.1	100.7
115	45.3	30.7	46.1

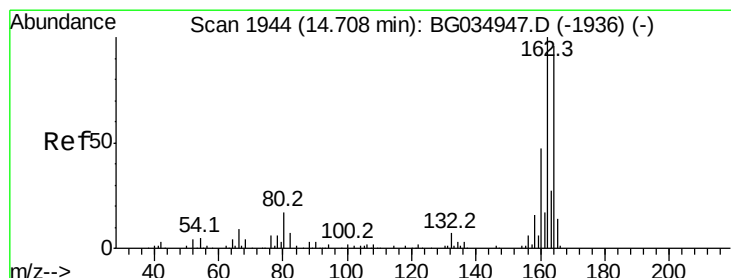
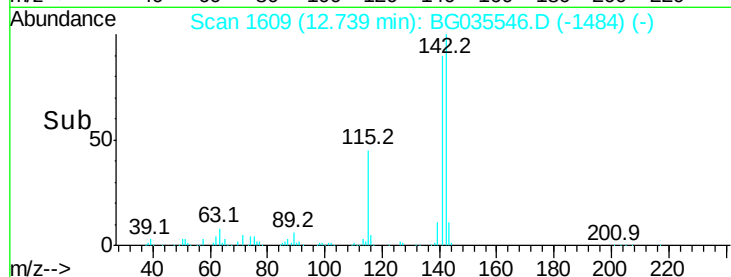
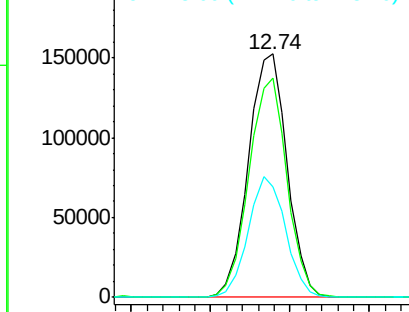


Abundance

Ion 142.00 (141.70 to 142.70): E

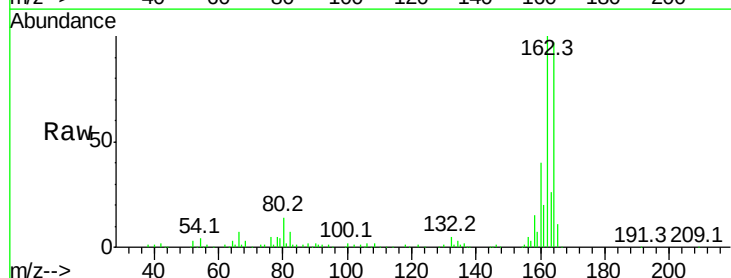
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	41.4	35.4	53.0

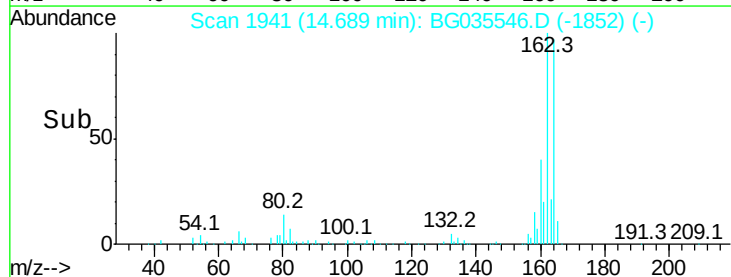
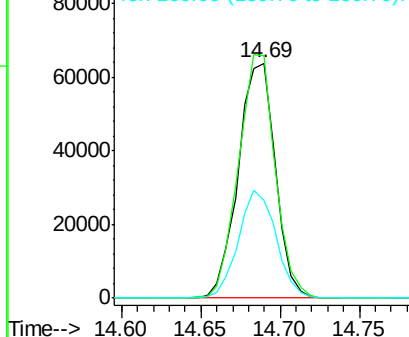


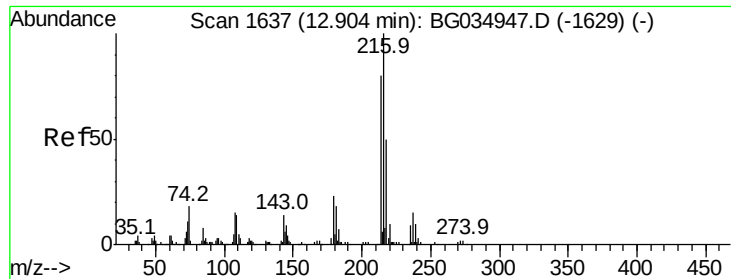
Abundance

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: 47.959 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 184885

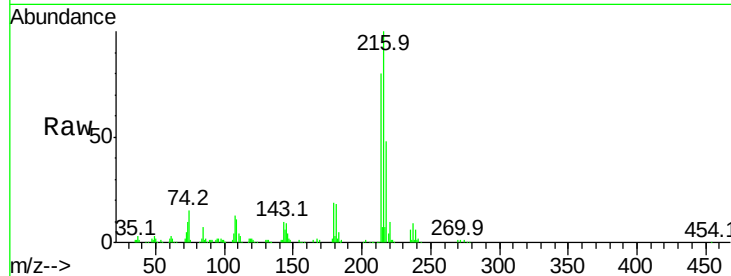
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 19.7 17.0 25.6

108 16.0 12.8 19.2

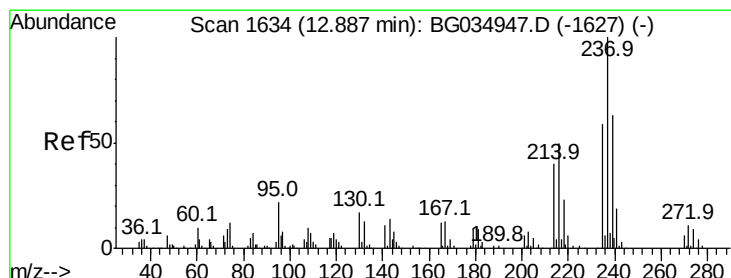
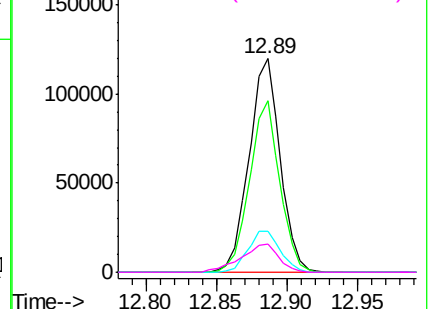
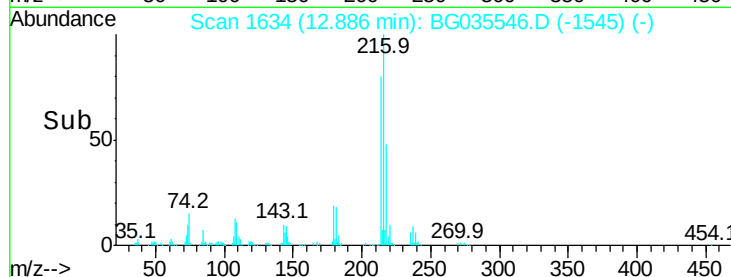


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.612 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

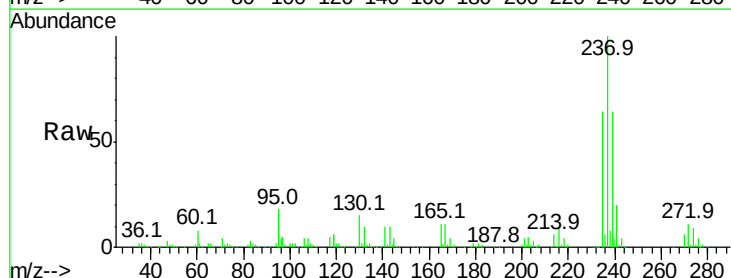
Tgt Ion:237 Resp: 240812

Ion Ratio Lower Upper

237 100

235 64.0 50.4 90.4

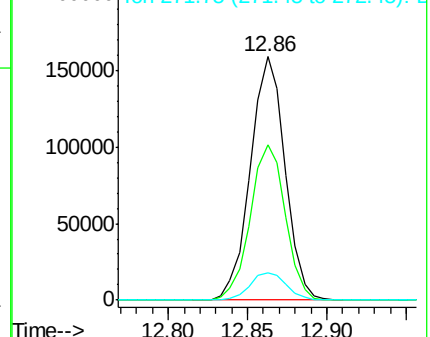
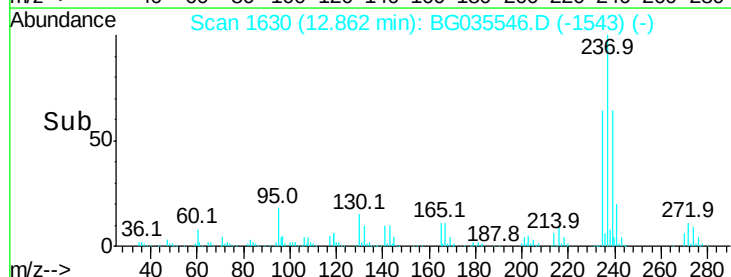
272 11.3 0.0 31.8

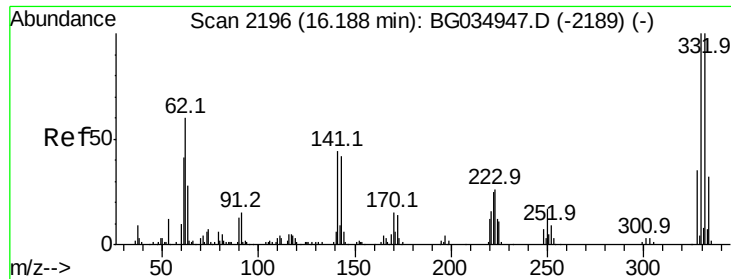


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

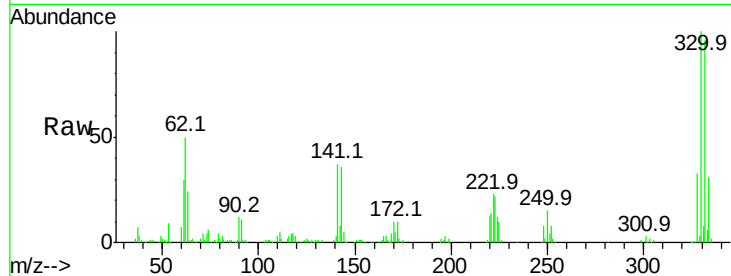




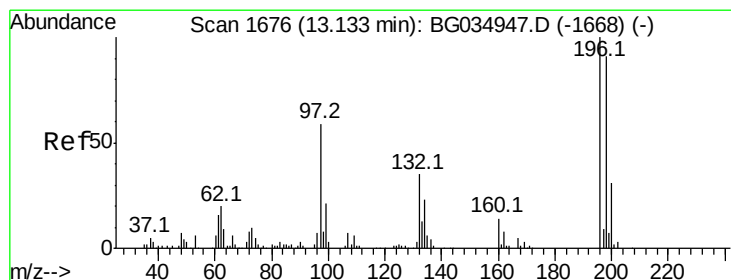
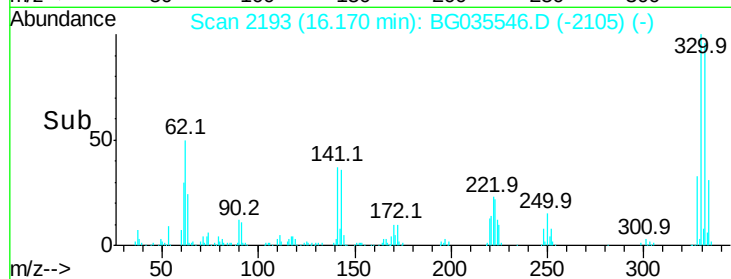
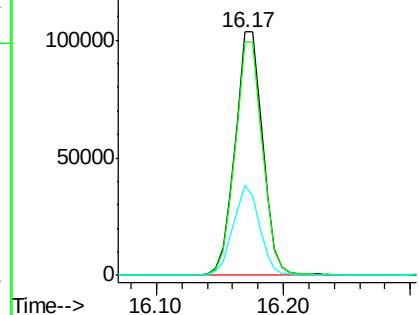
#41
 2,4,6-Tribromophenol
 Concen: 117.174 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.5	25.2	37.8

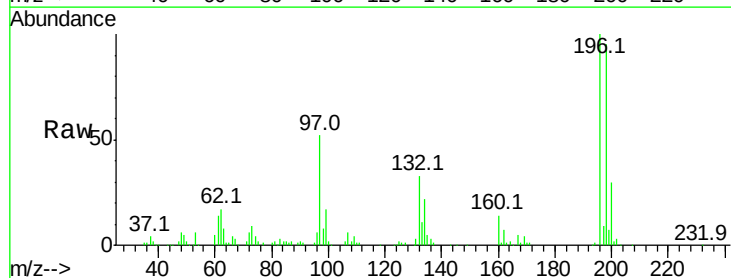


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

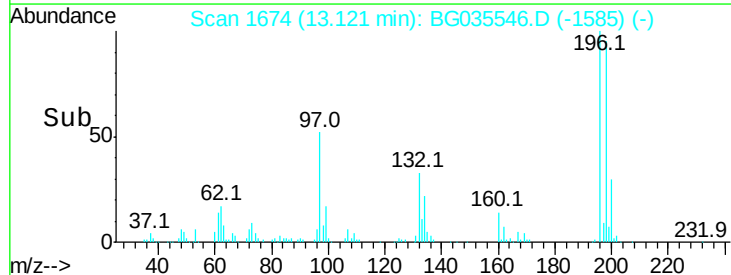
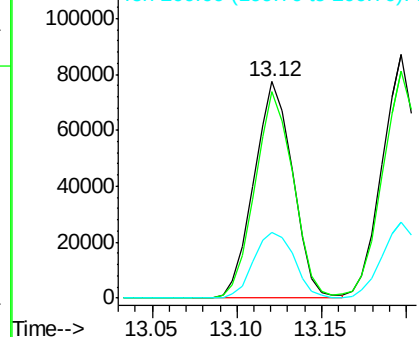


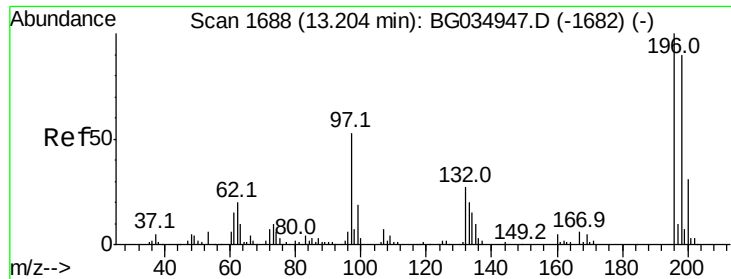
#42
 2,4,6-Trichlorophenol
 Concen: 53.669 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.2	117.2
200	30.3	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

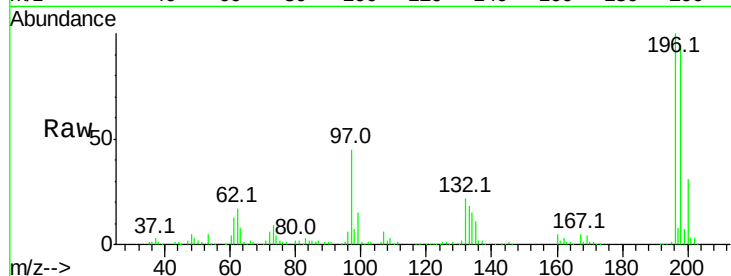




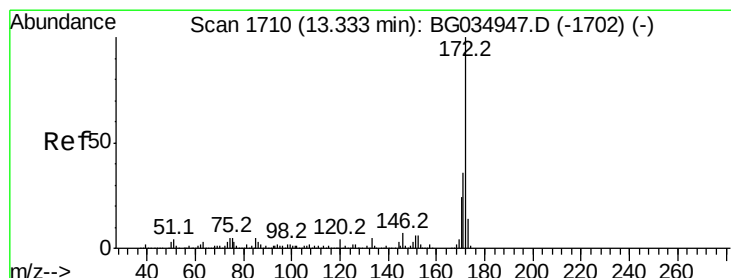
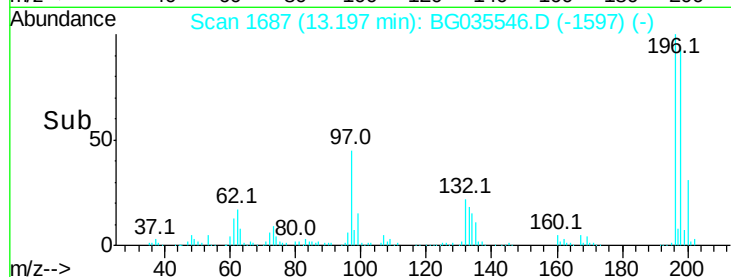
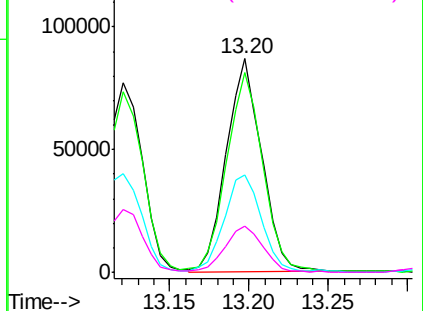
#43
 2,4,5-Trichlorophenol
 Concen: 52.839 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	133874
Ion Ratio	100	Lower	Upper
196	100		
198	93.5	76.2	114.4
97	45.4	38.7	58.1
132	21.5	20.2	30.2

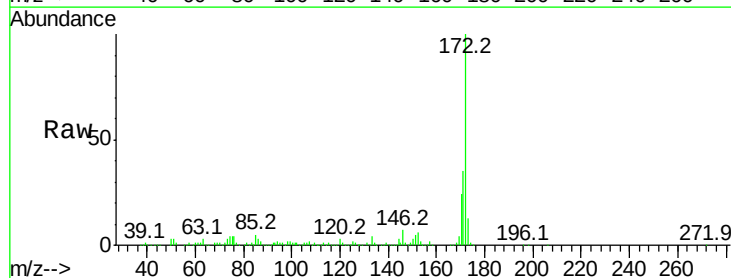


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

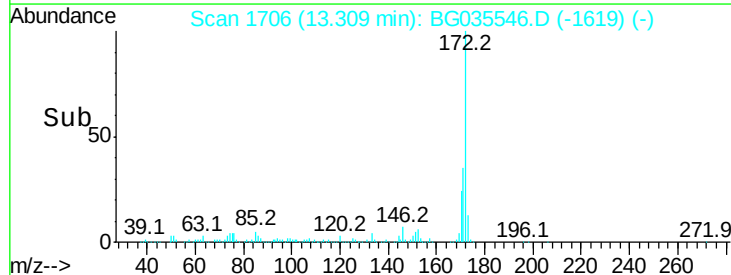
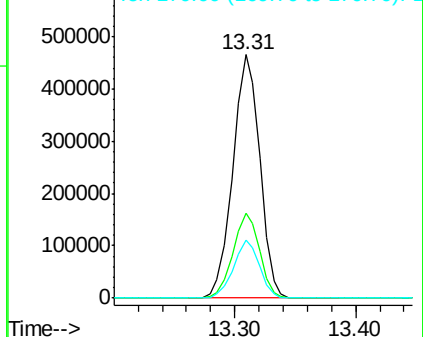


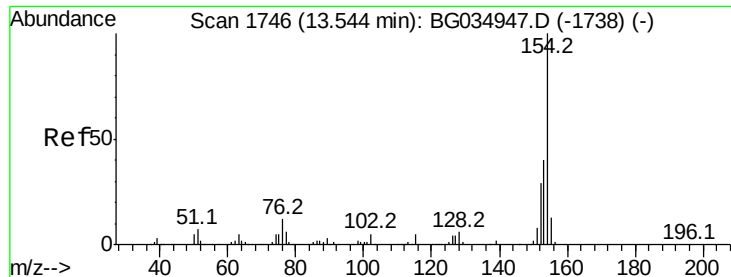
#44
 2-Fluorobiphenyl
 Concen: 90.631 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion	172	Resp	721547
Ion Ratio	100	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.6	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

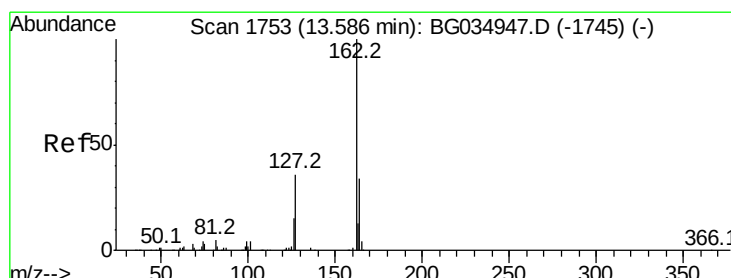
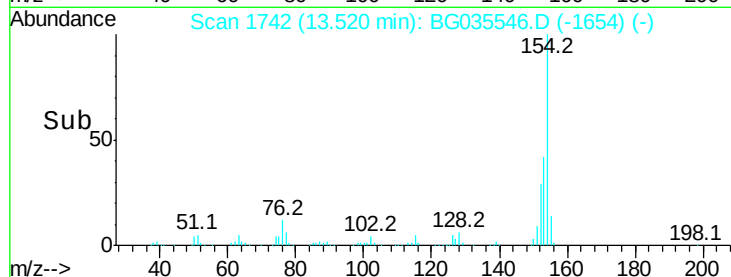
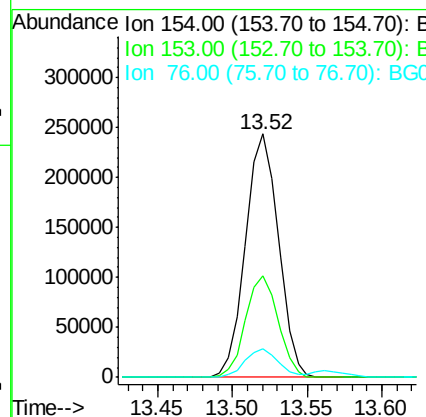
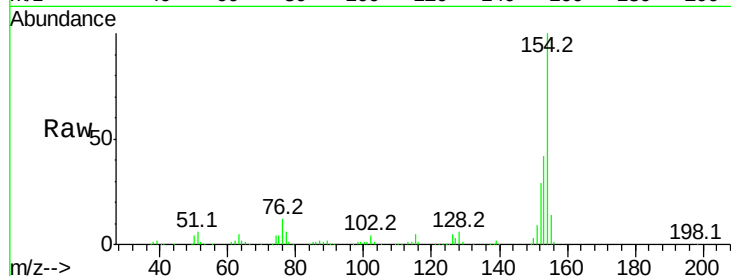




#45
 1,1'-Biphenyl
 Concen: 44.824 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

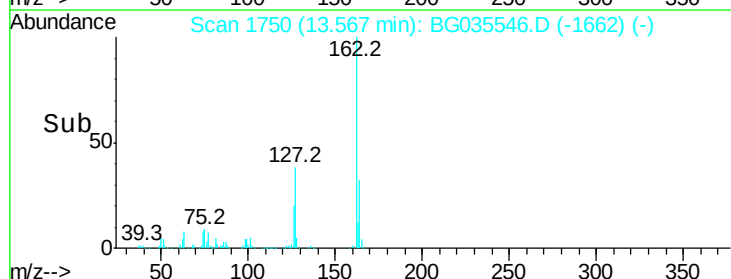
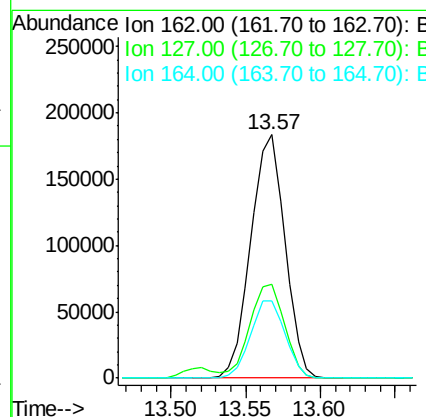
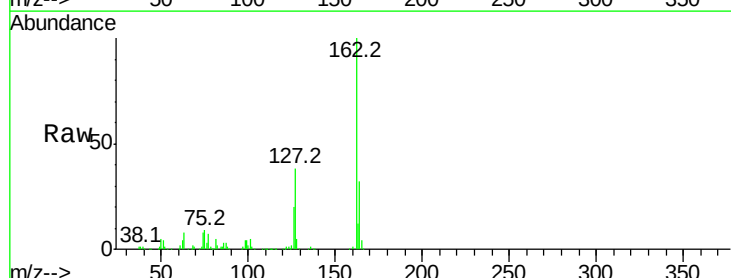
Instrument :
 BNA_G
 ClientSampleId :

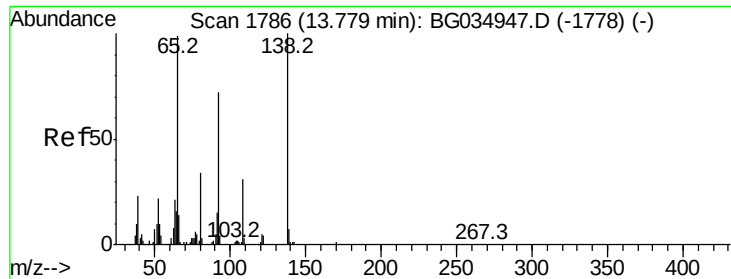
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	11.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 46.217 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.7	46.1
164	31.9	26.0	39.0





#47

2-Nitroaniline

Concen: 54.726 ng

RT: 13.77 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

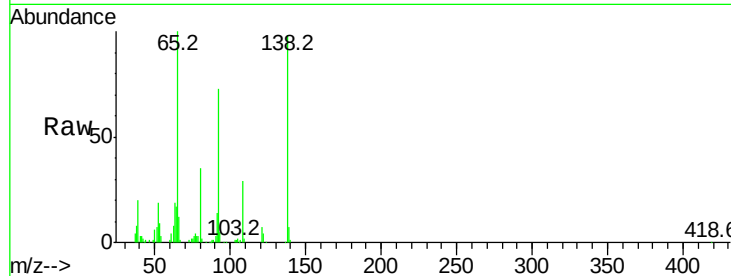
Tot Ion: 65 Resp: 101682

Ion Ratio Lower Upper

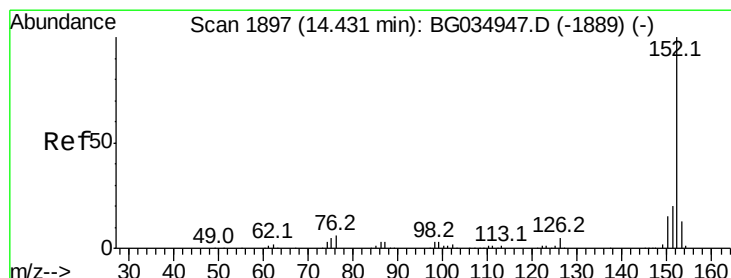
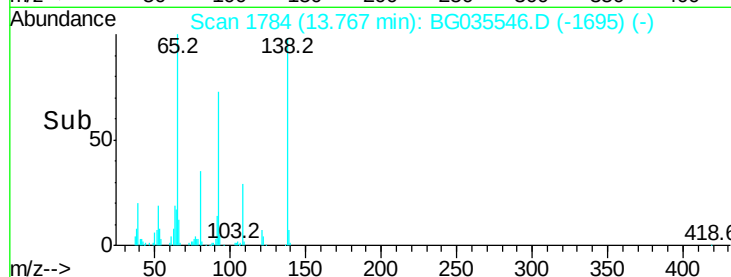
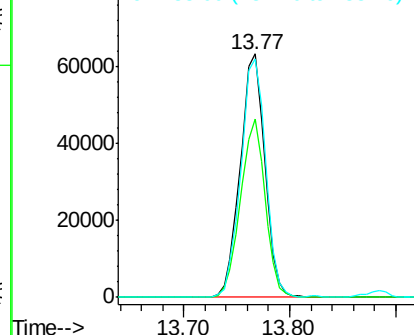
65 100

92 73.4 54.6 82.0

138 97.9 72.9 109.3



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



#48

Acenaphthylene

Concen: 47.083 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

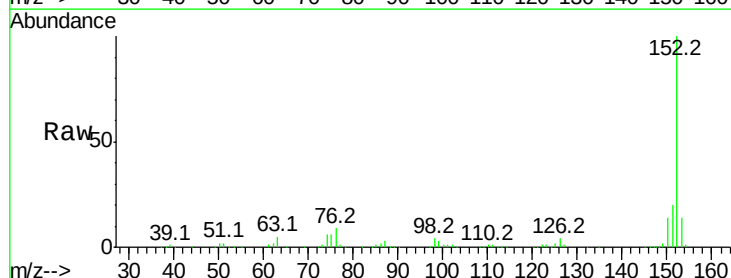
Tgt Ion: 152 Resp: 496756

Ion Ratio Lower Upper

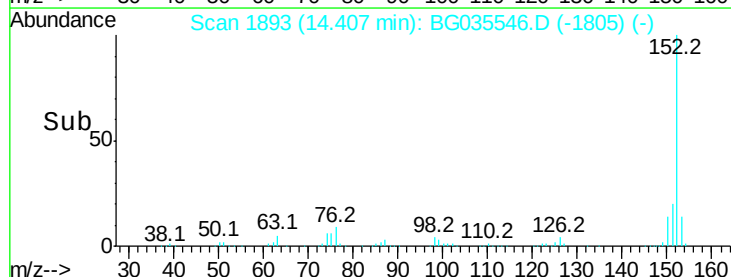
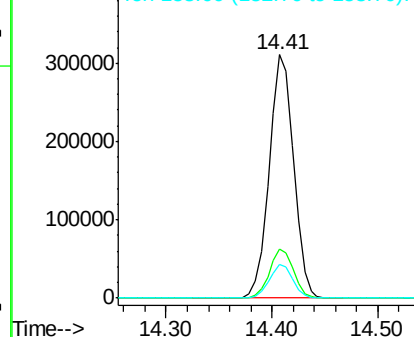
152 100

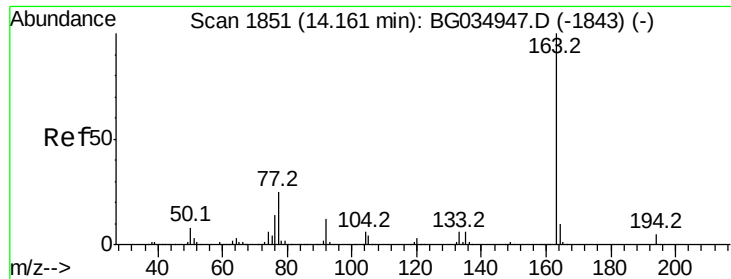
151 19.9 17.2 25.8

153 13.9 10.2 15.4



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





#49

Dimethylphthalate

Concen: 46.066 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

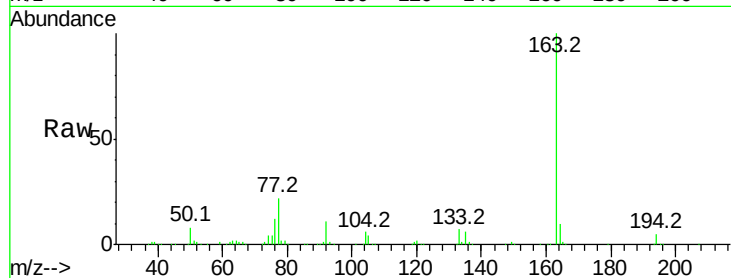
Tot Ion:163 Resp: 415758

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

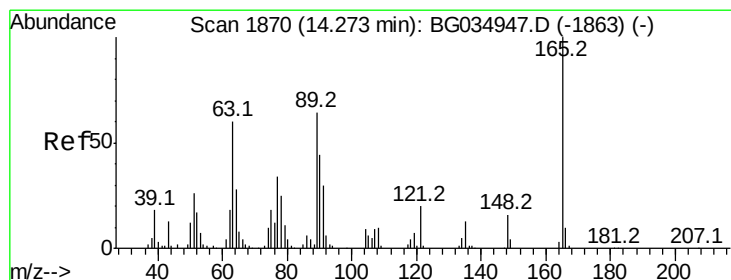
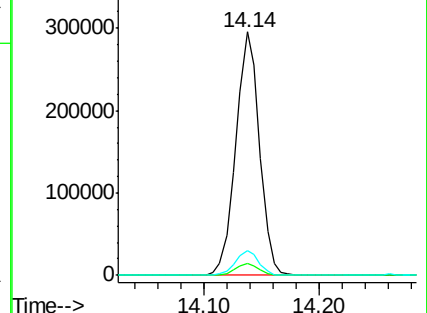
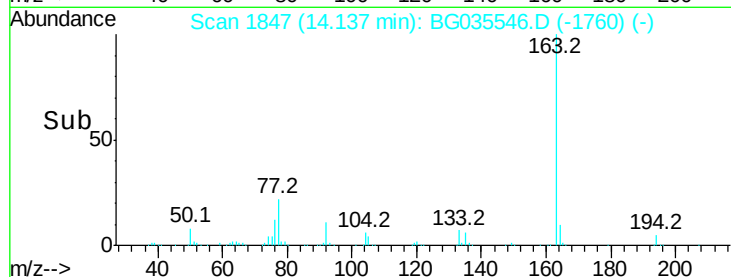
164 10.0 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 57.372 ng

RT: 14.25 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

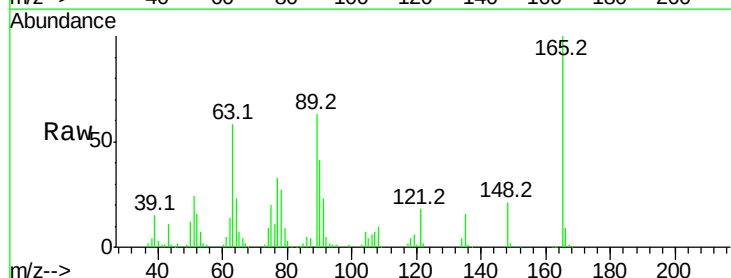
Tgt Ion:165 Resp: 94464

Ion Ratio Lower Upper

165 100

63 57.8 52.7 79.1

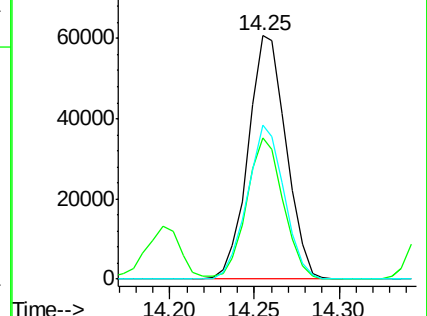
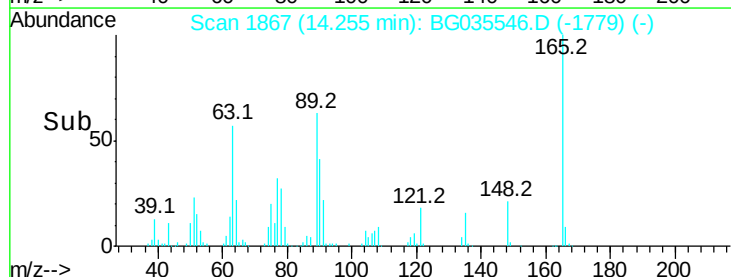
89 63.0 49.2 73.8

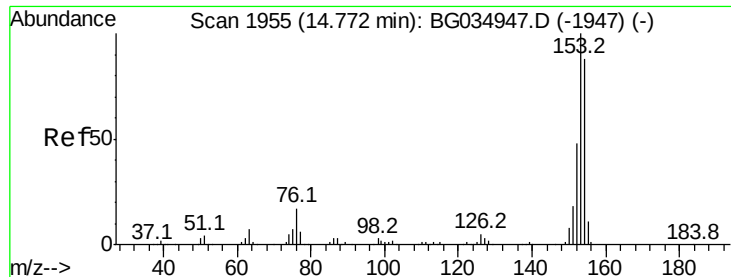


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.571 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampled :

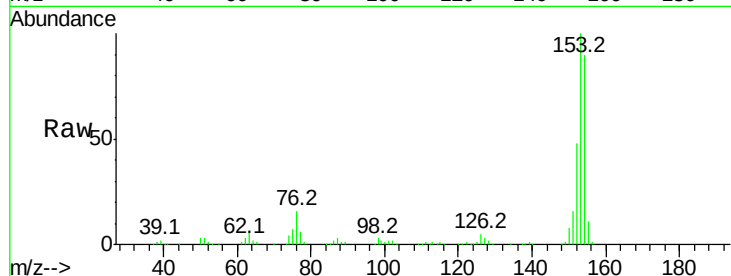
Tot Ion:154 Resp: 300356

Ion Ratio Lower Upper

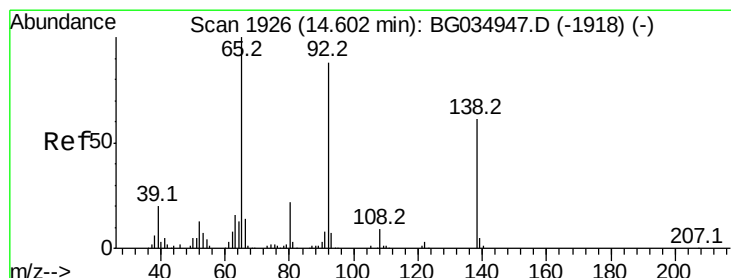
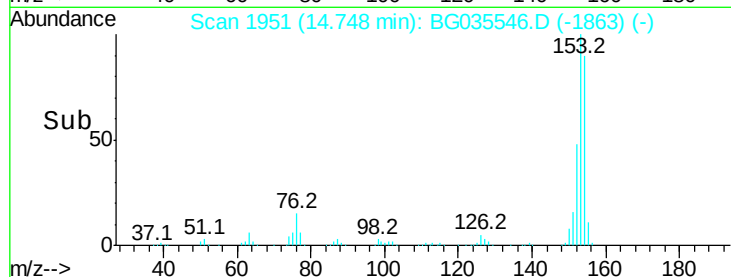
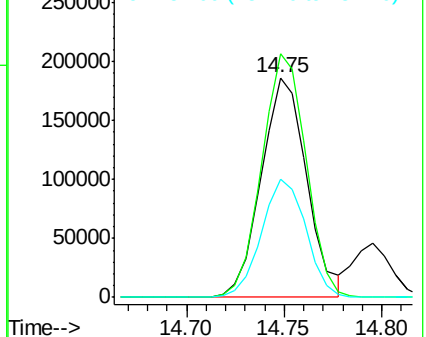
154 100

153 111.0 90.4 135.6

152 53.8 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: 29.567 ng

RT: 14.59 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

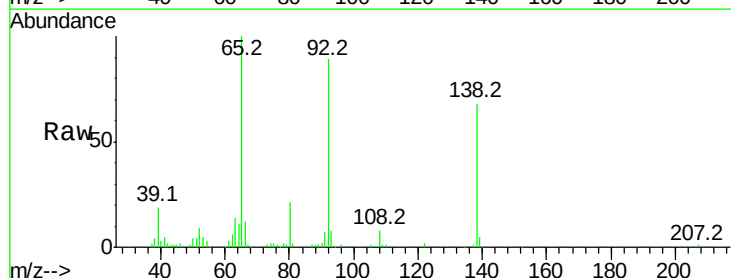
Tgt Ion:138 Resp: 47770

Ion Ratio Lower Upper

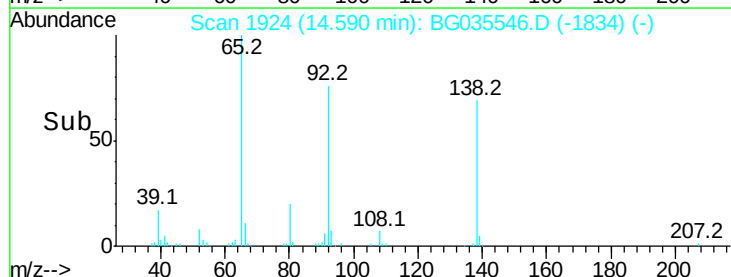
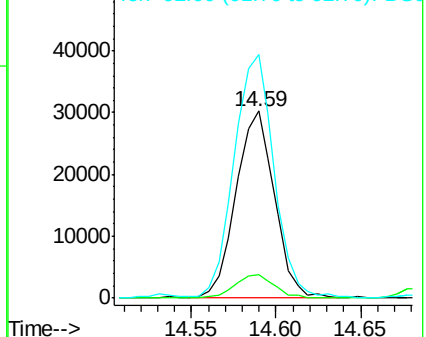
138 100

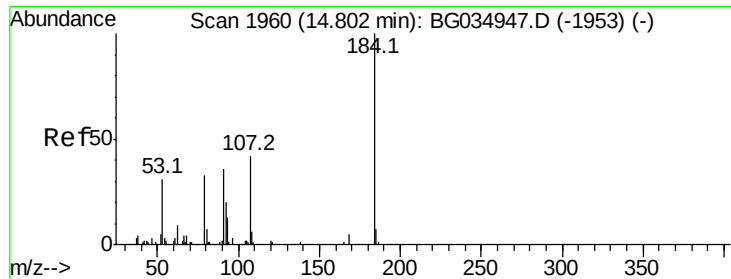
108 12.5 17.5 26.3#

92 130.3 105.8 158.8



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): BG

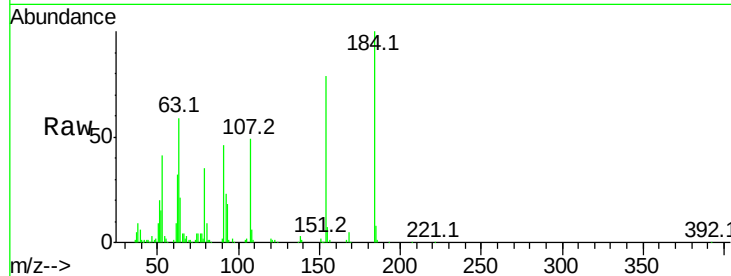




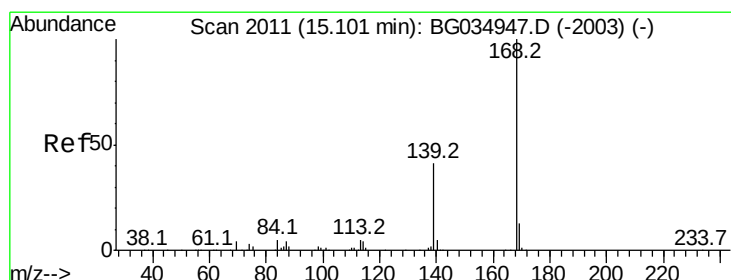
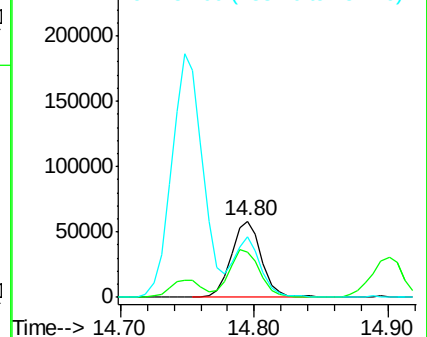
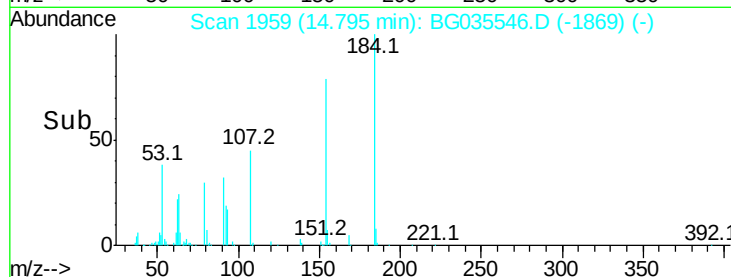
#53
2,4-Dinitrophenol
Concen: 139.026 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 92641
Ion Ratio Lower Upper
184 100
63 58.7 59.8 89.8#
154 78.9 101.8 152.8#

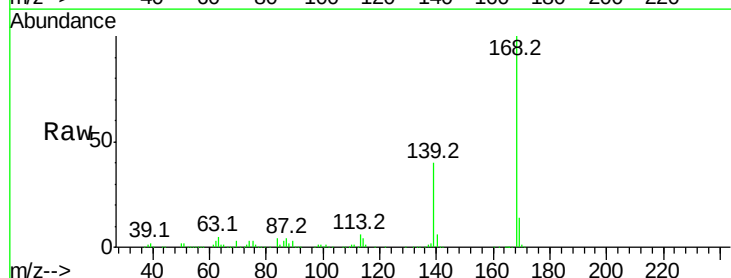


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

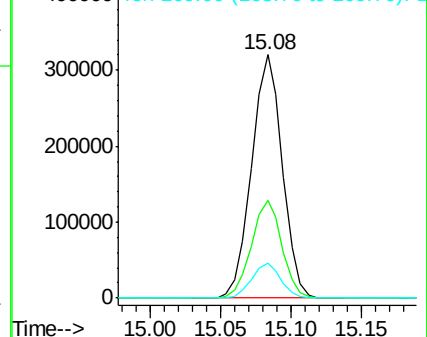
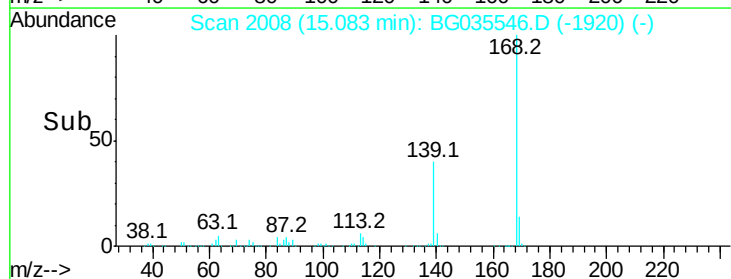


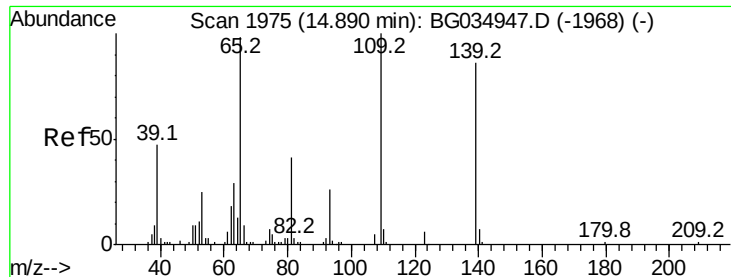
#54
Dibenzofuran
Concen: 47.176 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Tgt Ion:168 Resp: 487060
Ion Ratio Lower Upper
168 100
139 39.9 28.6 43.0
169 14.2 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

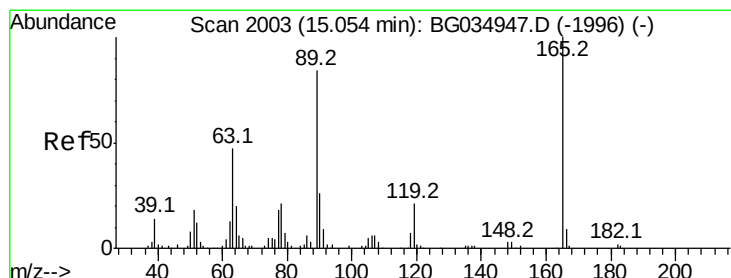
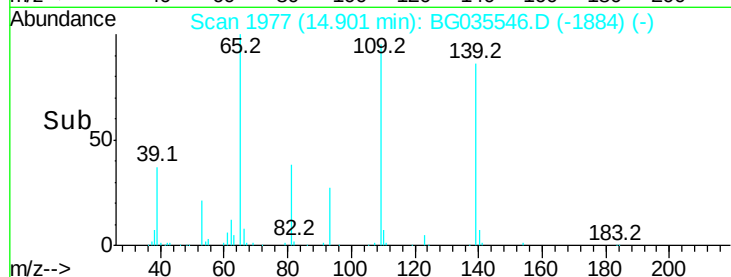
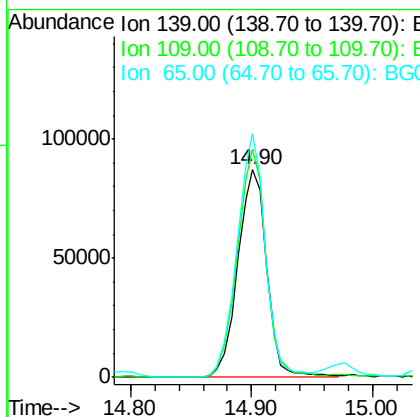
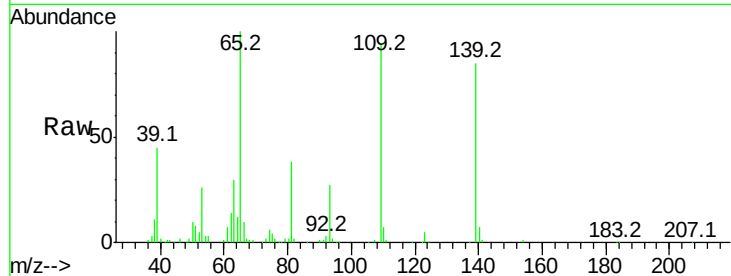




#55
4-Nitrophenol
Concen: 106.700 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.02 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

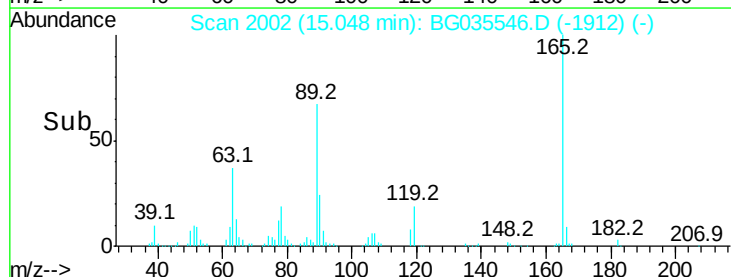
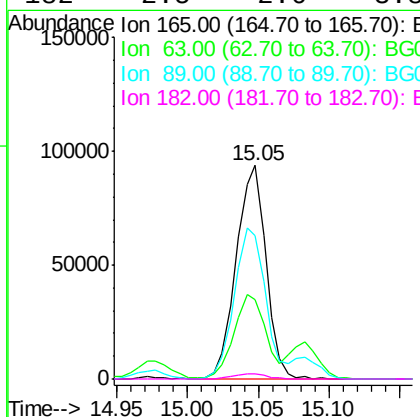
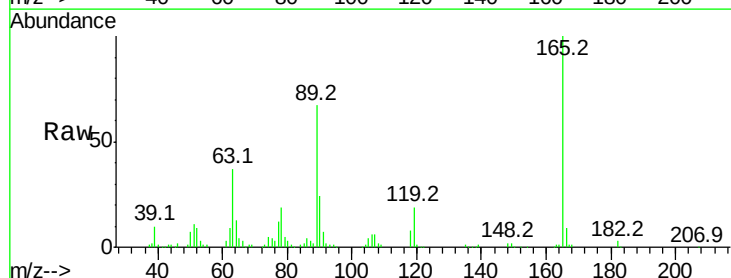
Instrument :
BNA_G
ClientSampleId :

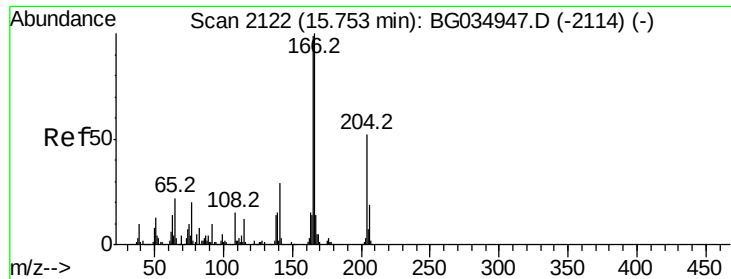
Tot Ion:139 Resp: 145493
Ion Ratio Lower Upper
139 100
109 110.1 62.2 102.2#
65 117.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 63.236 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Tgt Ion:165 Resp: 138311
Ion Ratio Lower Upper
165 100
63 37.3 42.0 63.0#
89 67.0 66.9 100.3
182 2.5 2.6 3.8#

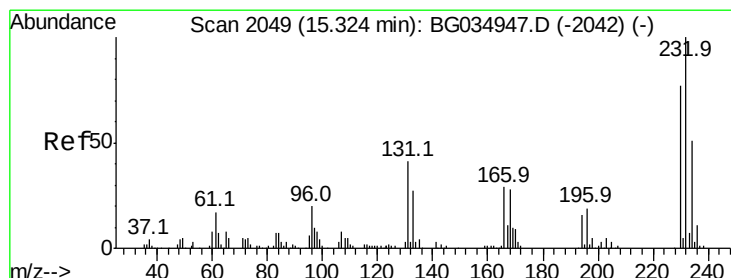
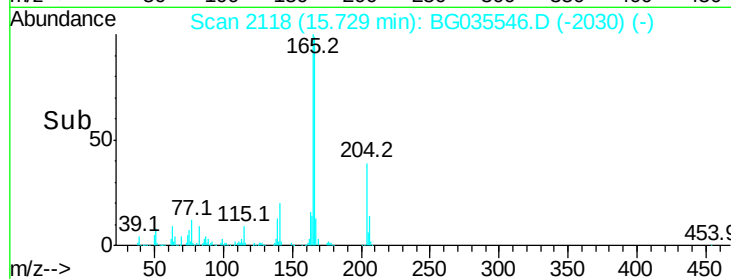
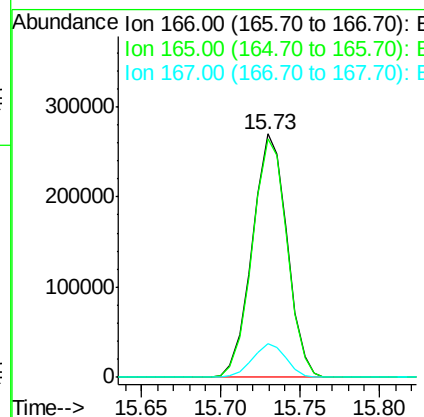
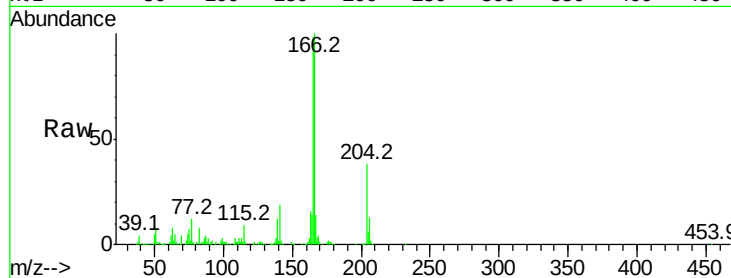




#57
 Fluorene
 Concen: 47.610 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

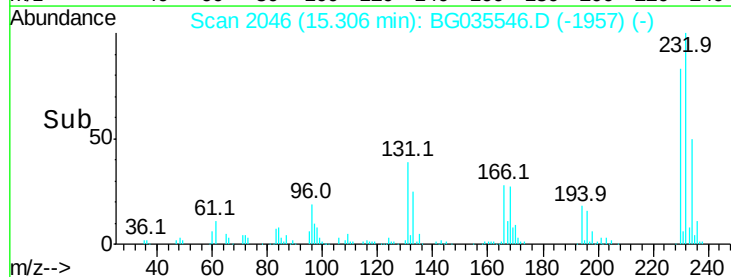
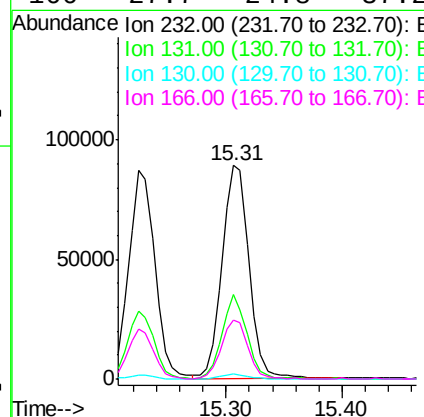
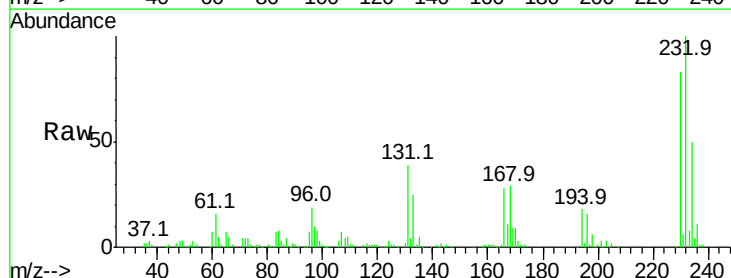
Instrument :
 BNA_G
 ClientSampleId :

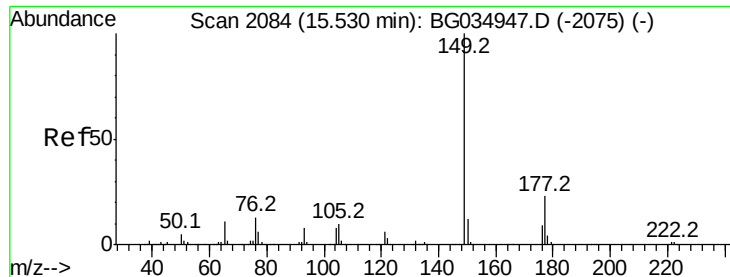
Tot Ion:166 Resp: 410799
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.6 121.0
 167 13.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.199 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion:232 Resp: 143245
 Ion Ratio Lower Upper
 232 100
 131 35.5 33.5 50.3
 130 2.3 2.2 3.2
 166 27.7 24.8 37.2





#59

Diethylphthalate

Concen: 44.966 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

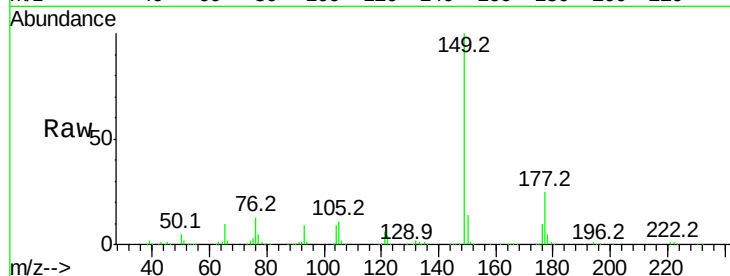
Tot Ion:149 Resp: 414054

Ion Ratio Lower Upper

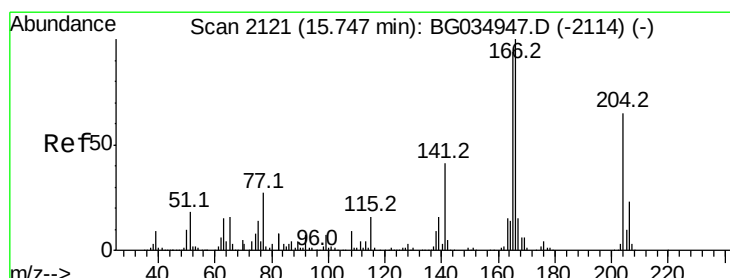
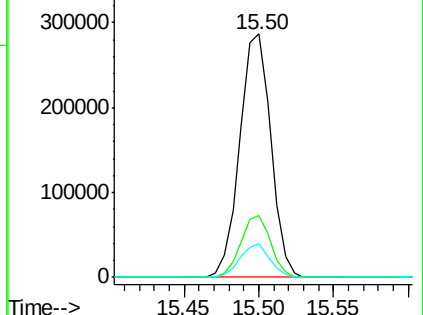
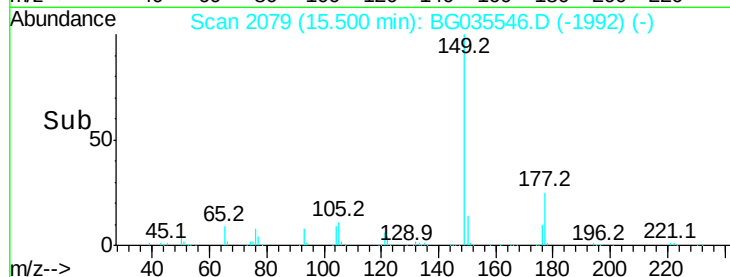
149 100

177 25.2 18.5 27.7

150 13.7 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 47.684 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

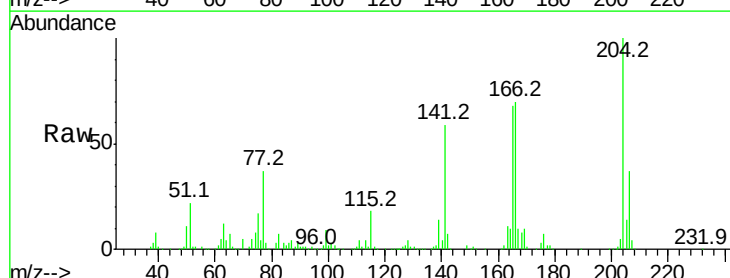
Tgt Ion:204 Resp: 234614

Ion Ratio Lower Upper

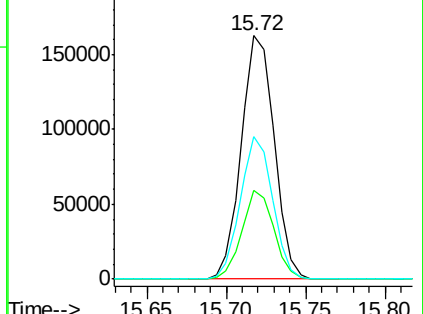
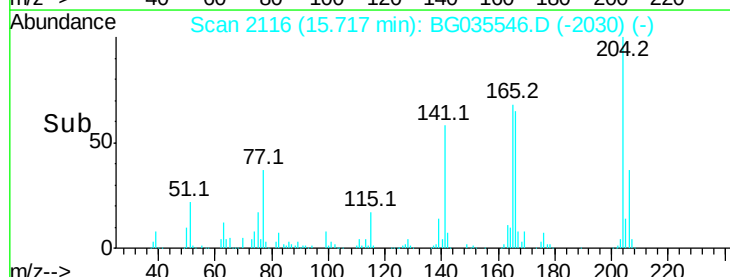
204 100

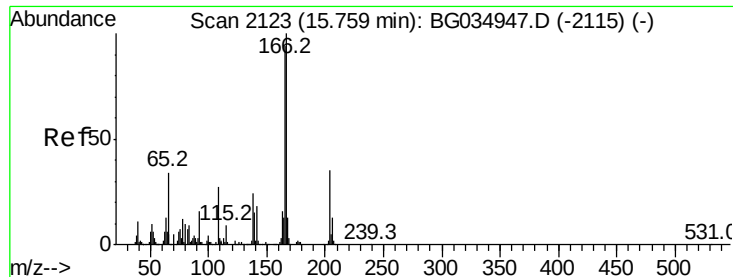
206 36.5 26.2 39.2

141 58.5 45.8 68.6



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





#61

4-Nitroaniline

Concen: 53.689 ng

RT: 15.75 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

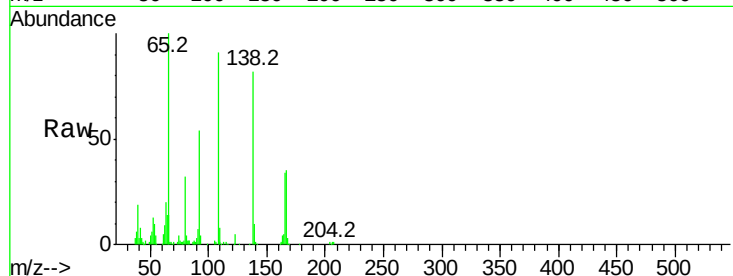
Tot Ion:138 Resp: 93027

Ion Ratio Lower Upper

138 100

92 65.2 40.1 80.1

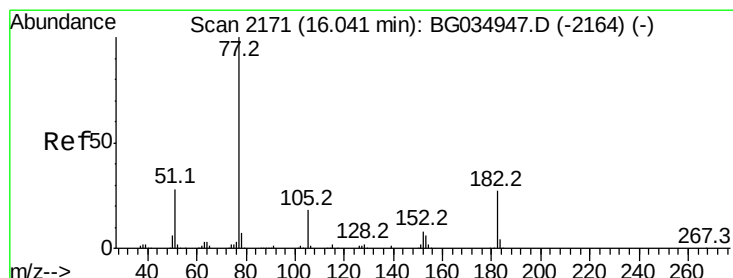
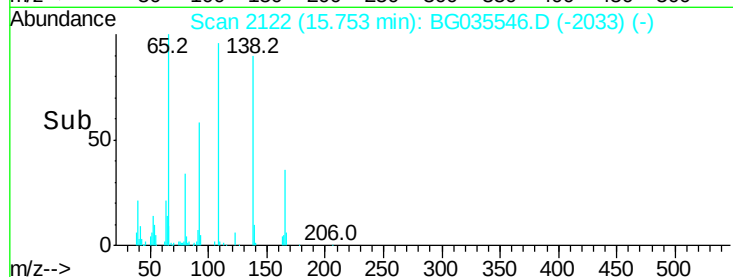
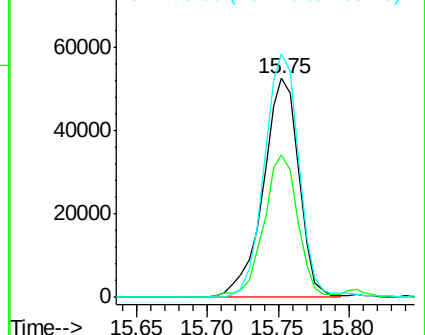
108 111.2 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.678 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Tgt Ion: 77 Resp: 421191

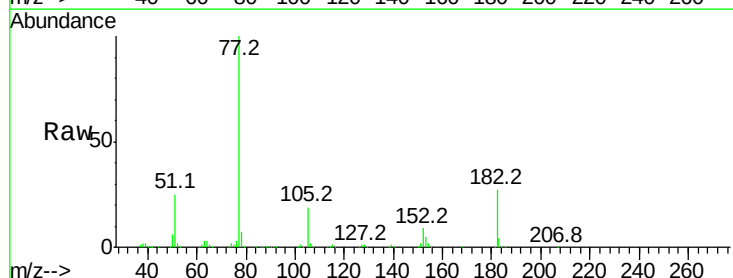
Ion Ratio Lower Upper

77 100

182 27.2 7.4 47.4

105 19.3 0.3 40.3

51 24.8 11.6 51.6

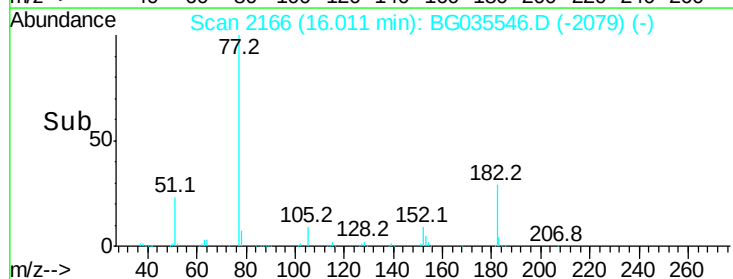
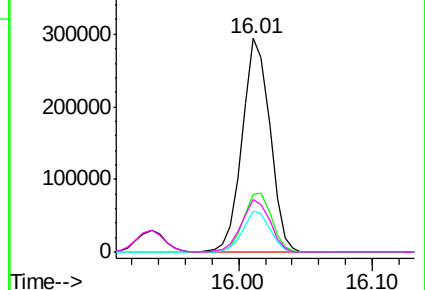


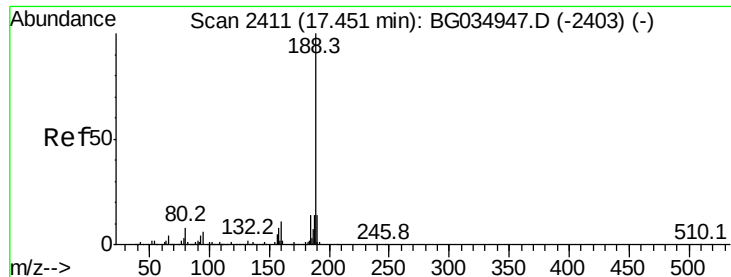
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampled :

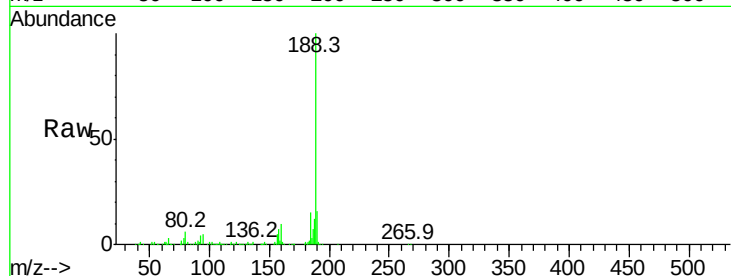
Tot Ion:188 Resp: 285010

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

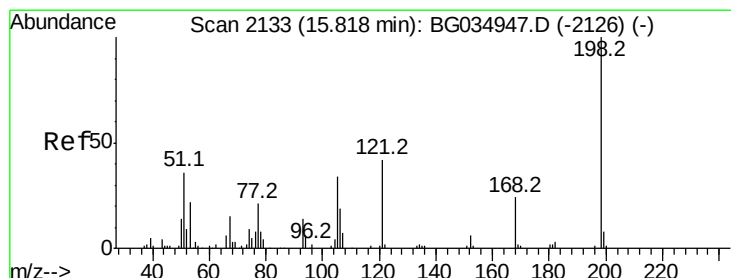
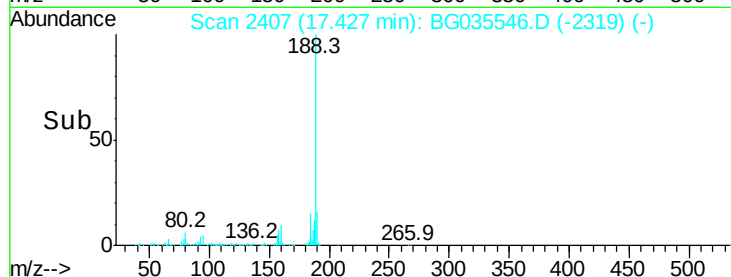
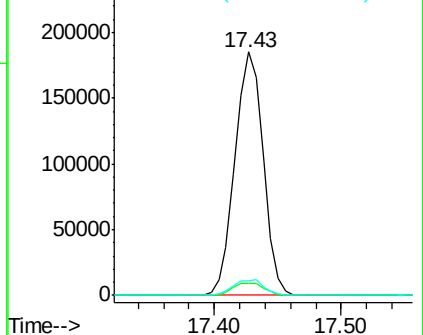
80 6.2 7.7 11.5#



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: 58.844 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

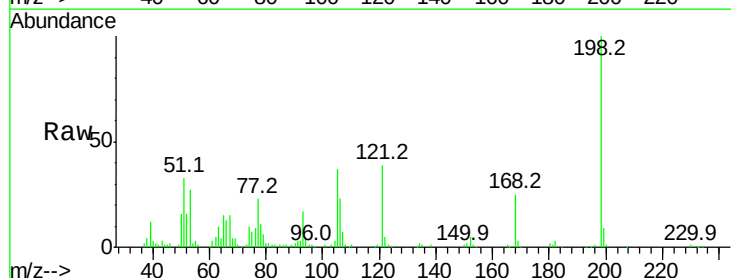
Tgt Ion:198 Resp: 76572

Ion Ratio Lower Upper

198 100

51 33.1 30.6 70.6

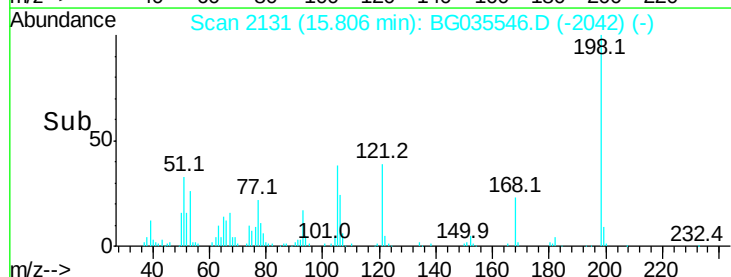
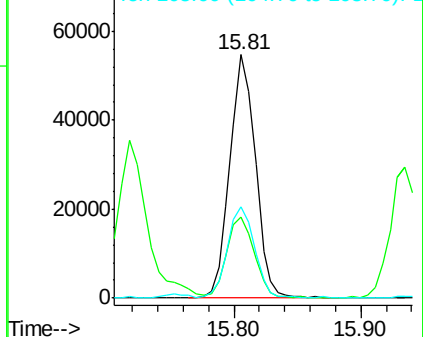
105 37.3 23.8 63.8

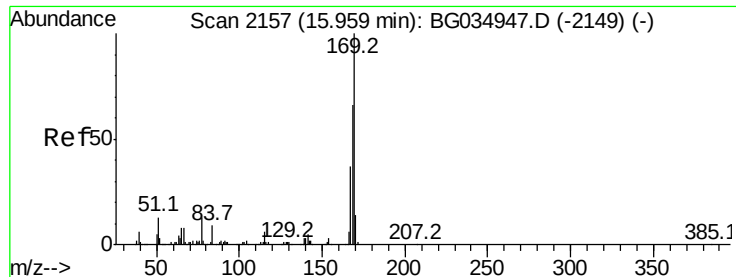


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.998 ng

RT: 15.93 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

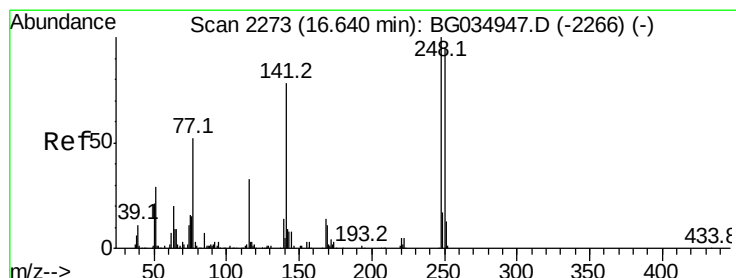
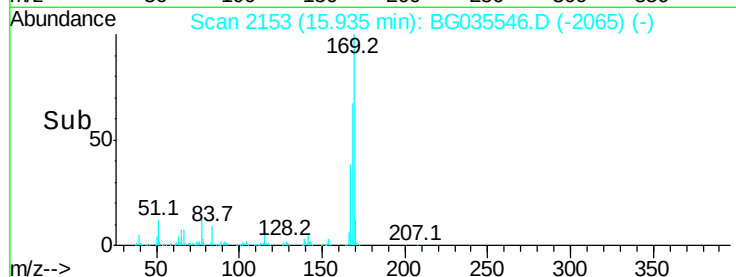
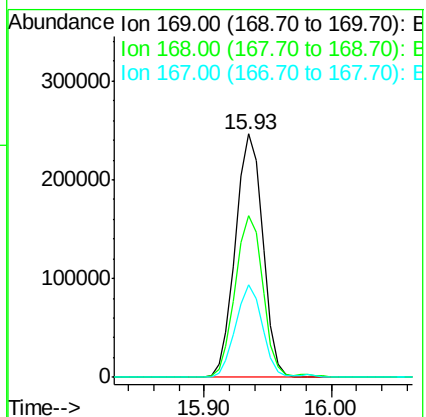
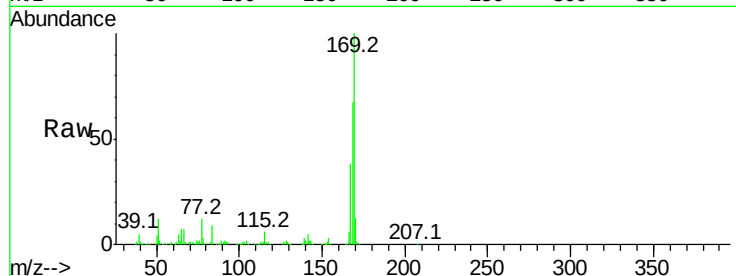
Tot Ion:169 Resp: 368026

Ion Ratio Lower Upper

169 100

168 66.6 55.7 83.5

167 38.1 30.1 45.1



#66

4-Bromophenyl-phenylether

Concen: 48.901 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

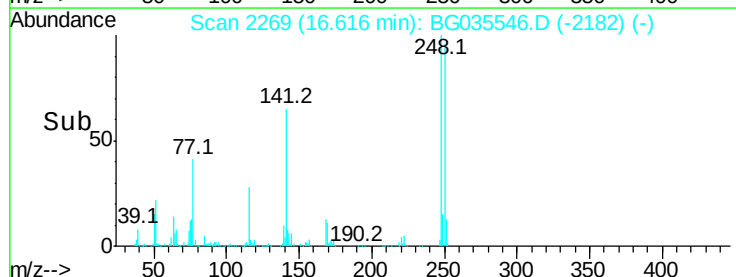
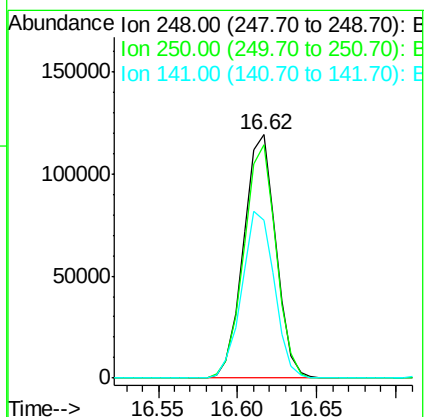
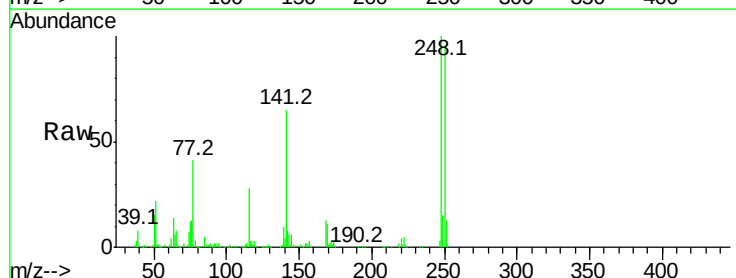
Tgt Ion:248 Resp: 167840

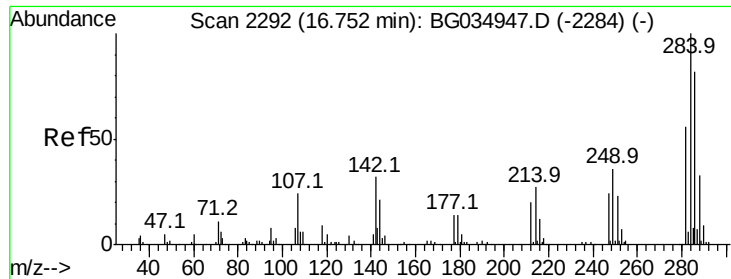
Ion Ratio Lower Upper

248 100

250 95.6 77.1 115.7

141 64.9 50.8 76.2

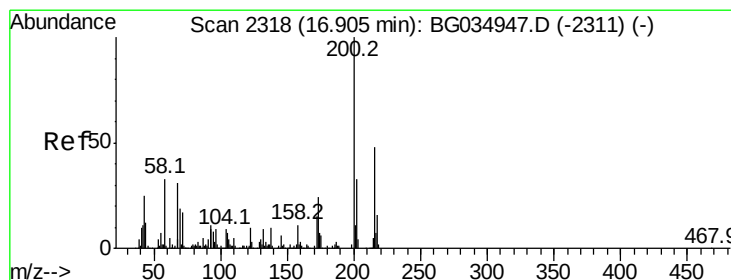
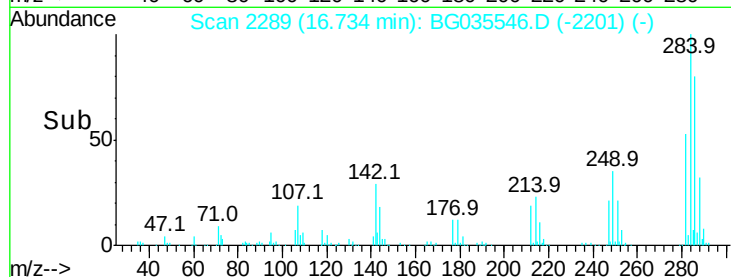
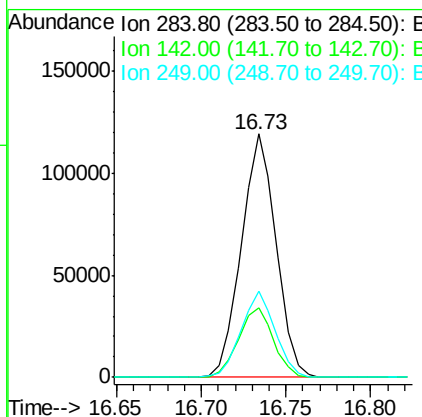
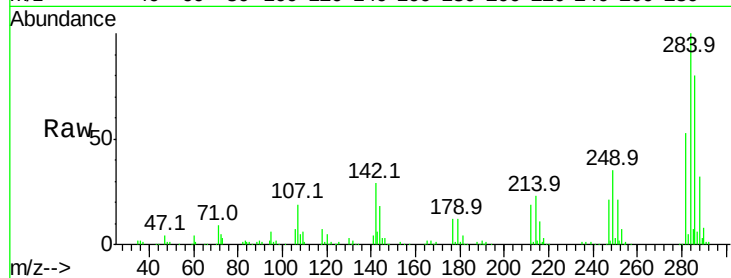




#67
Hexachlorobenzene
Concen: 48.760 ng
RT: 16.73 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

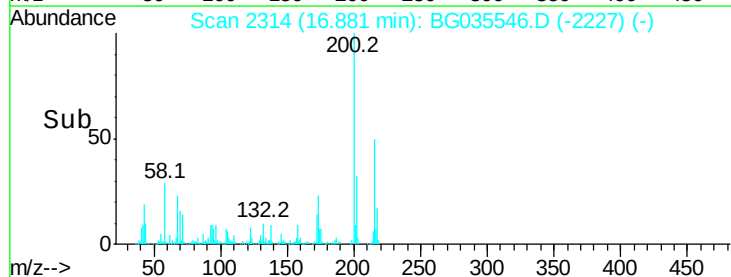
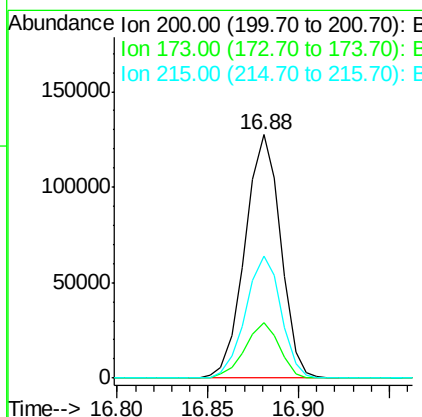
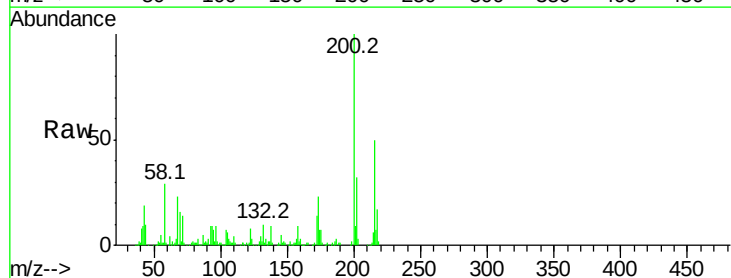
Instrument :
BNA_G
ClientSampleId :

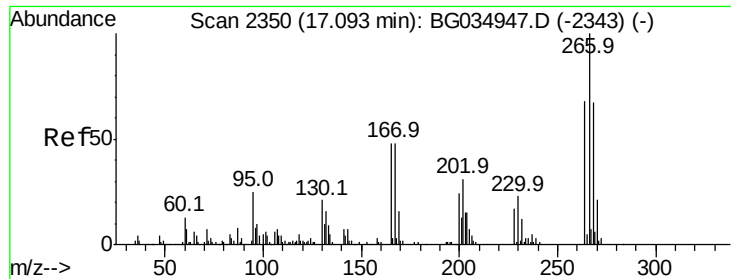
Tot Ion:284 Resp: 170338
Ion Ratio Lower Upper
284 100
142 28.8 26.8 40.2
249 35.3 26.3 39.5



#68
Atrazine
Concen: 47.773 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG035546.D
Acq: 30 Jun 2018 17:26

Tgt Ion:200 Resp: 174373
Ion Ratio Lower Upper
200 100
173 22.7 5.2 45.2
215 50.0 30.4 70.4

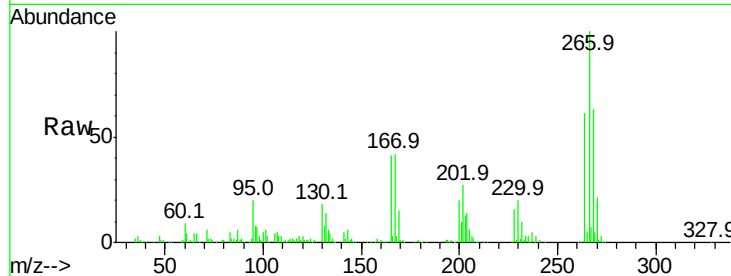




#69
 Pentachlorophenol
 Concen: 80.926 ng
 RT: 17.08 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.2	49.6	74.4

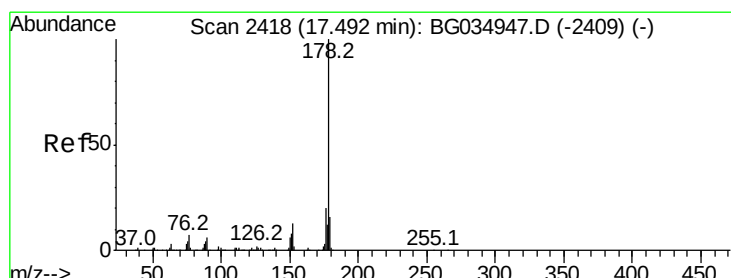
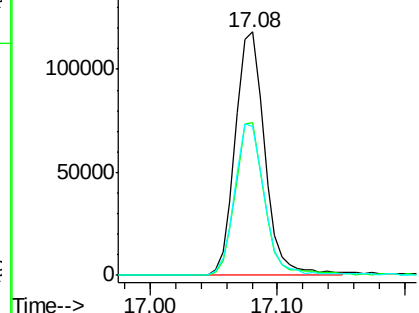
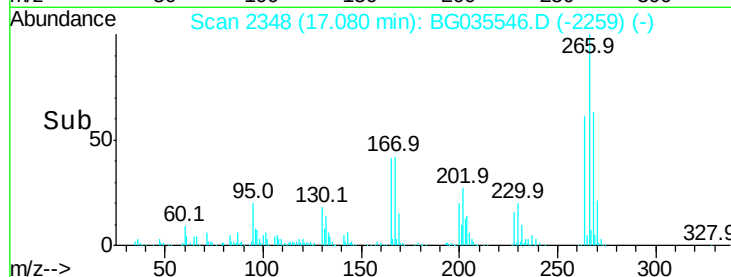


Abundance

Ion 265.70 (265.40 to 266.40): E

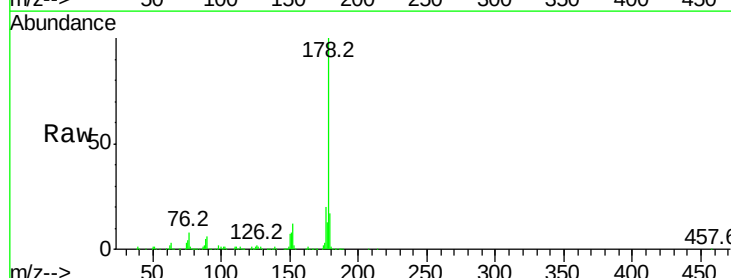
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 47.492 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.7	12.5	18.7

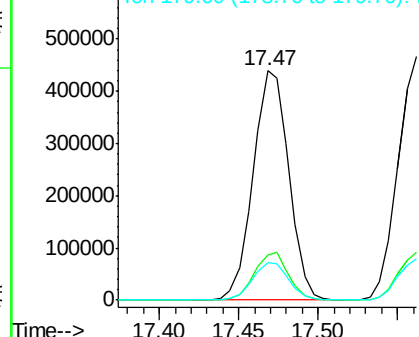
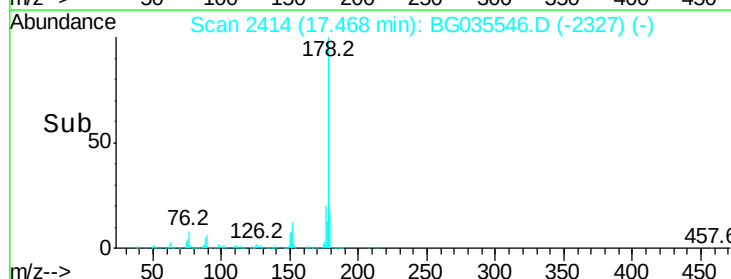


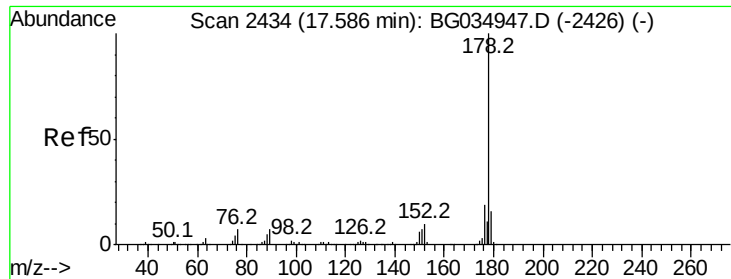
Abundance

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

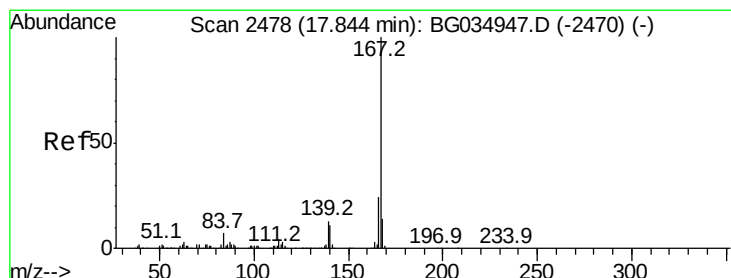
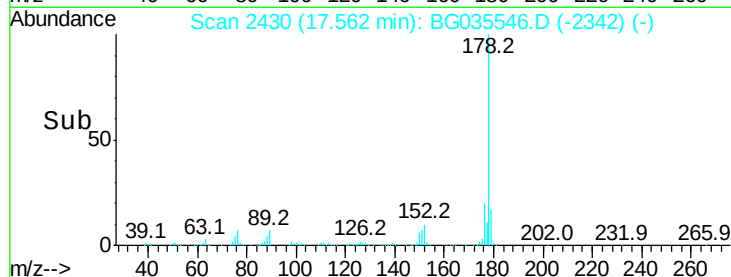
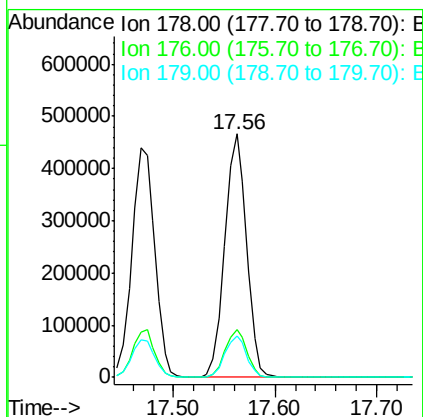
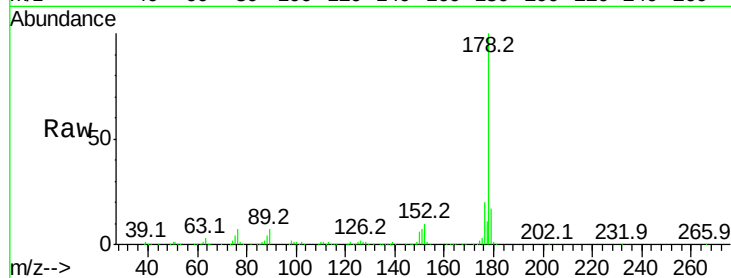




#71
 Anthracene
 Concen: 47.696 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

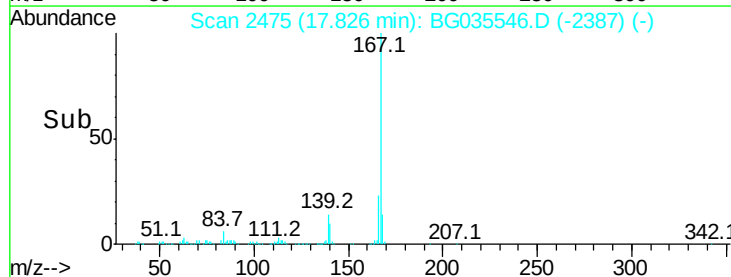
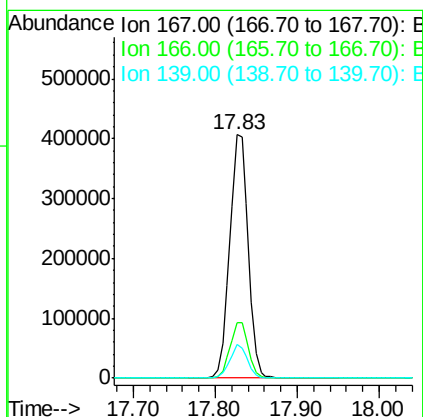
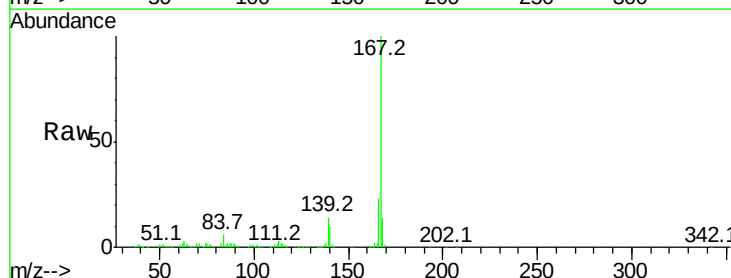
Instrument :
 BNA_G
 ClientSampleId :

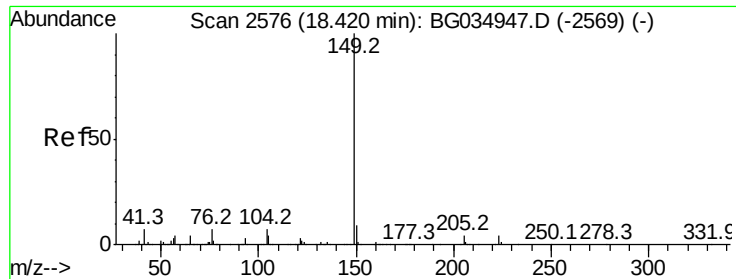
Tot Ion:178 Resp: 691707
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 17.2 12.5 18.7



#72
 Carbazole
 Concen: 47.433 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion:167 Resp: 638252
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 44.424 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

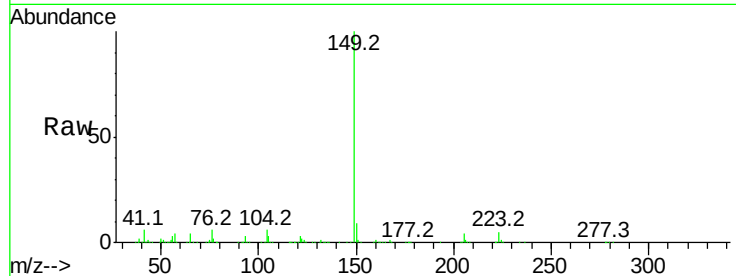
Tot Ion:149 Resp: 712479

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

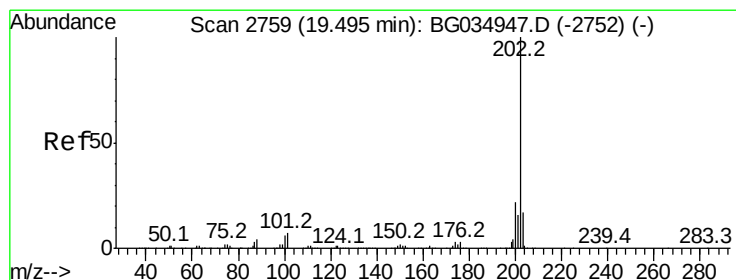
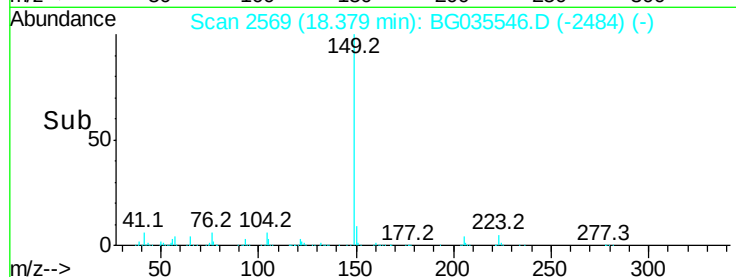
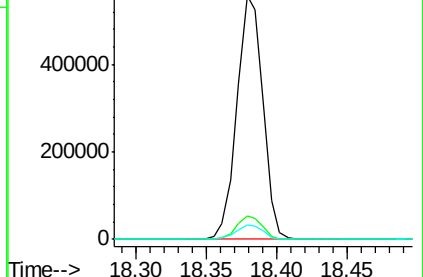
104 6.2 3.9 5.9#



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: 48.236 ng

RT: 19.47 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

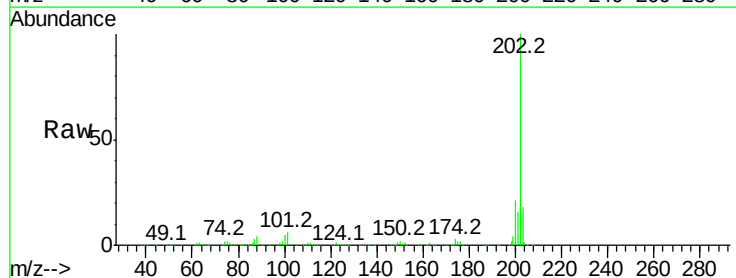
Tgt Ion:202 Resp: 908737

Ion Ratio Lower Upper

202 100

101 6.2 0.0 28.9

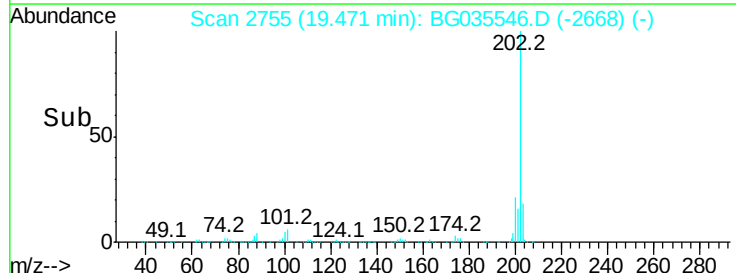
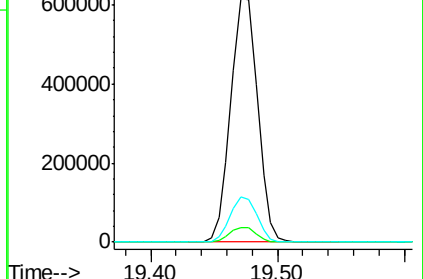
203 18.4 0.0 37.5

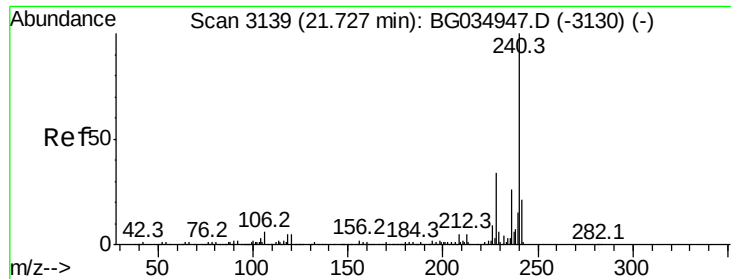


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

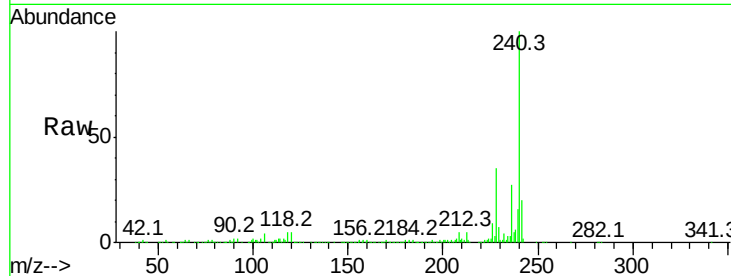
Tot Ion:240 Resp: 297227

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

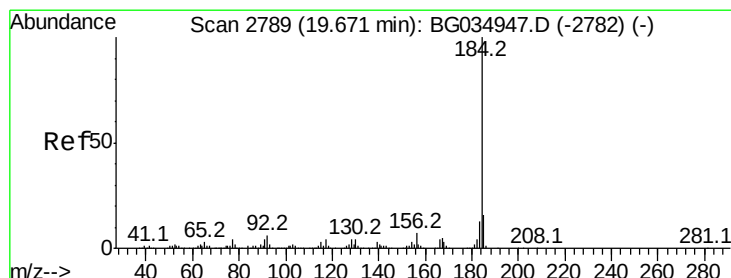
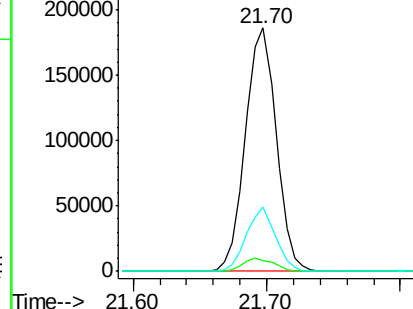
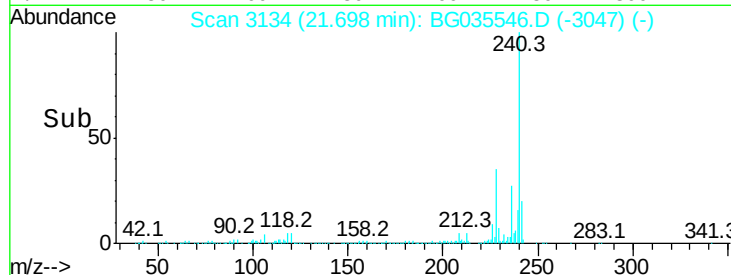
236 26.5 20.9 31.3



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: 26.892 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

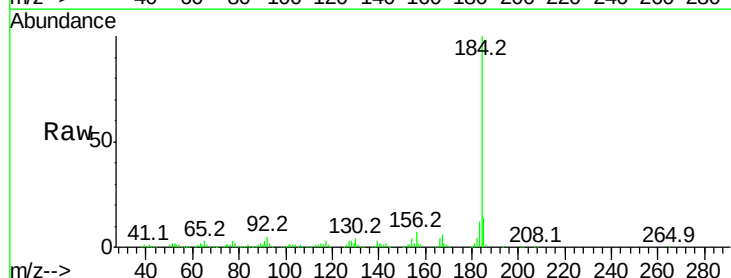
Tgt Ion:184 Resp: 297366

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

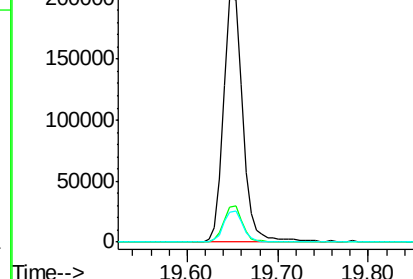
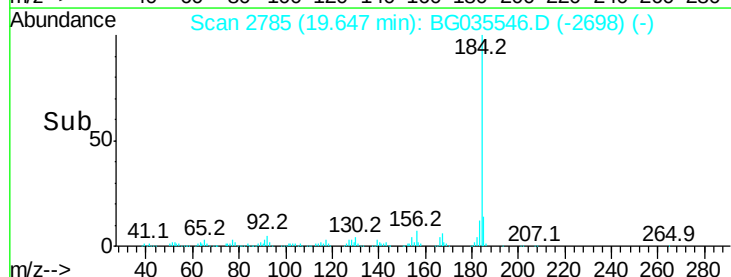
183 12.1 10.6 16.0

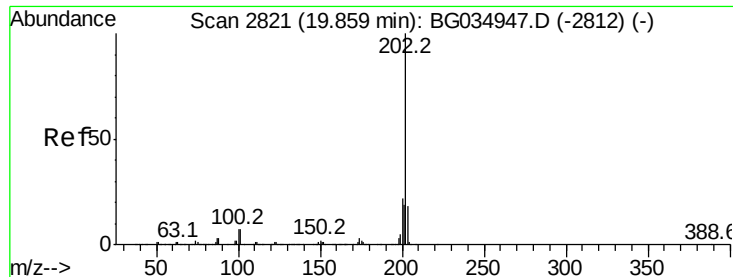


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.962 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035546.D

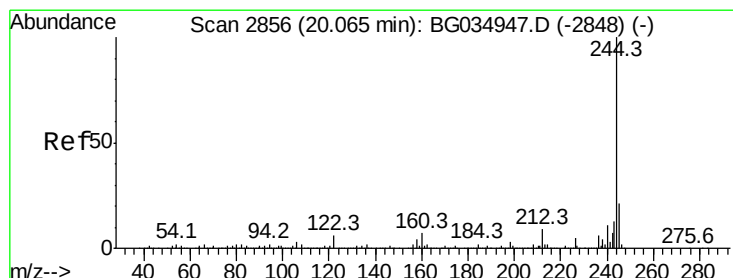
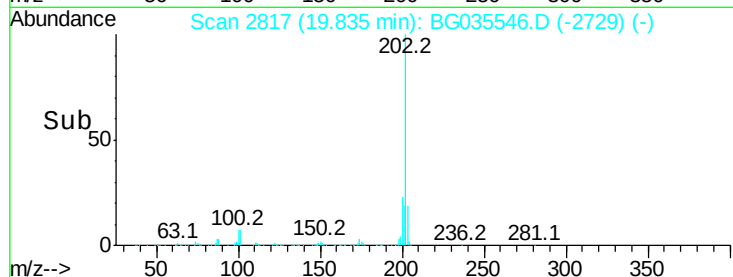
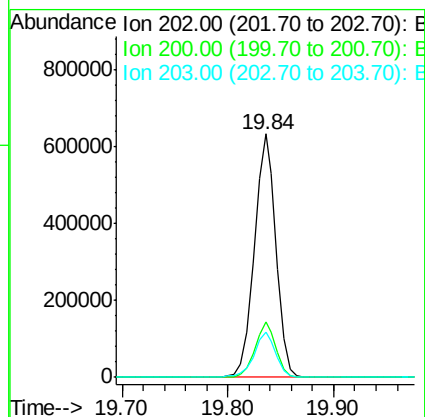
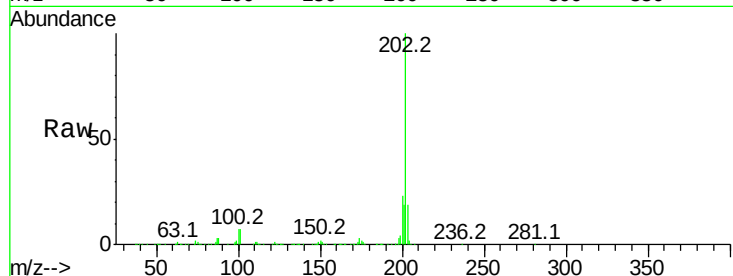
Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	900611
Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	18.6	13.9	20.9



#78

Terphenyl-d14

Concen: 94.023 ng

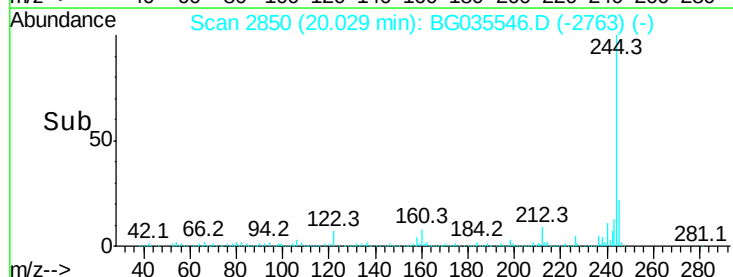
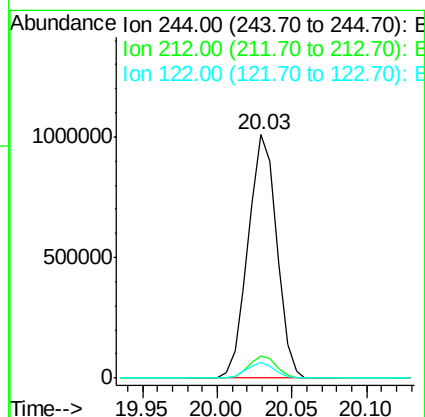
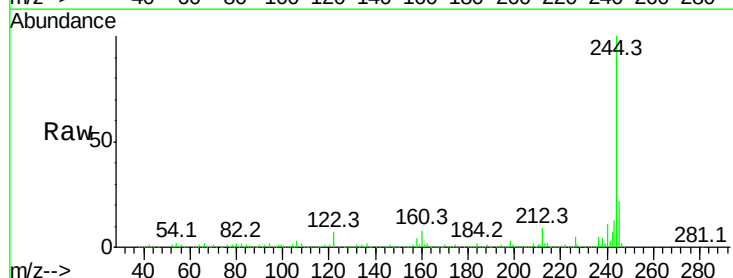
RT: 20.03 min Scan# 2850

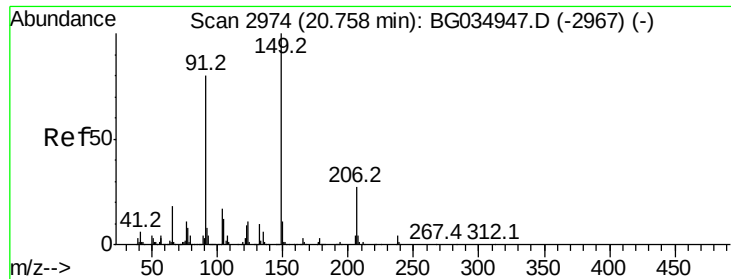
Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Tgt Ion:	244	Resp:	1334150
Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.5	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 45.283 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

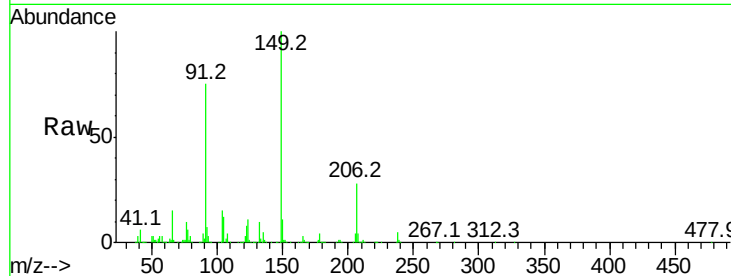
Tot Ion:149 Resp: 322191

Ion Ratio Lower Upper

149 100

91 74.8 62.2 93.2

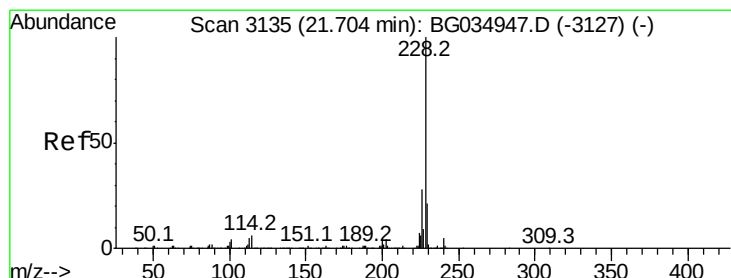
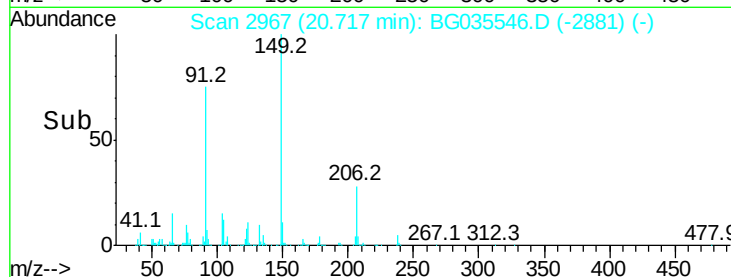
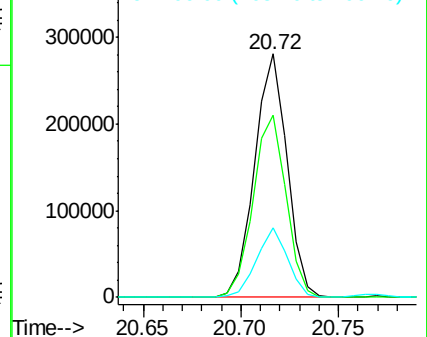
206 28.5 18.6 27.8#



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: 48.201 ng

RT: 21.67 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

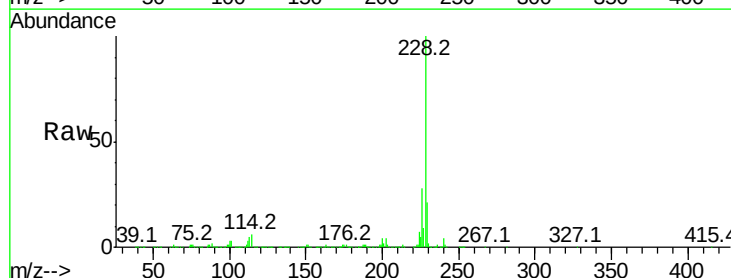
Tgt Ion:228 Resp: 915514

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

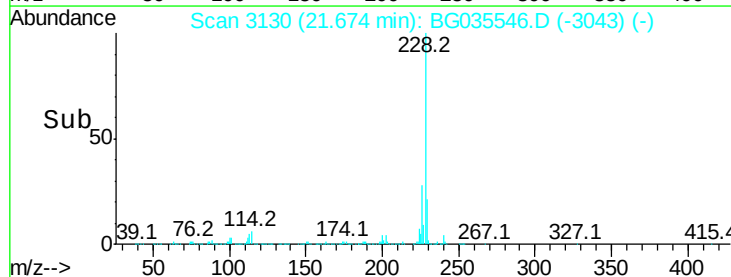
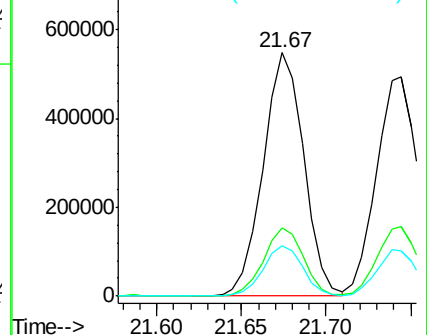
229 20.5 16.2 24.2

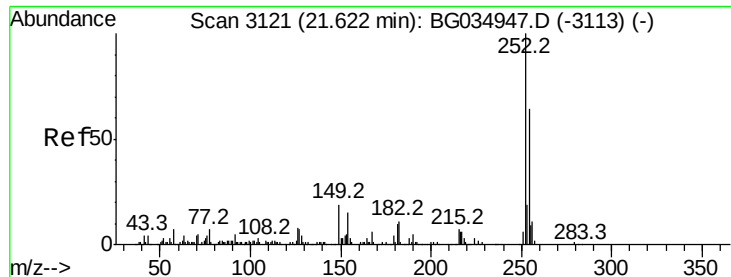


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

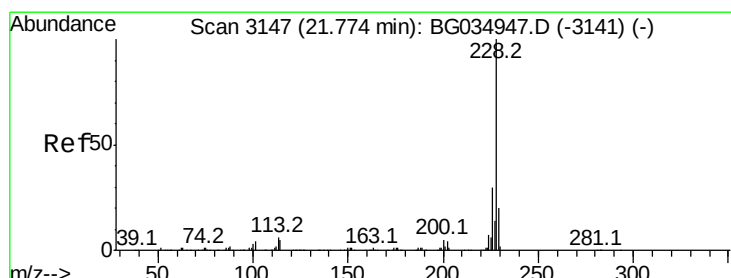
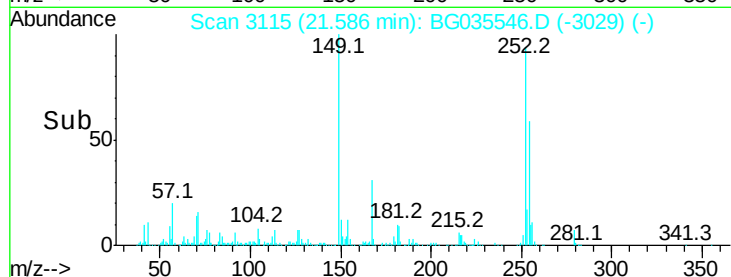
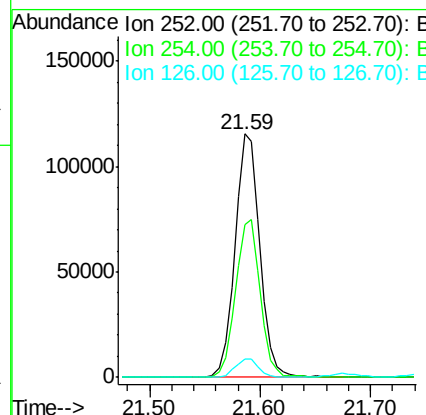
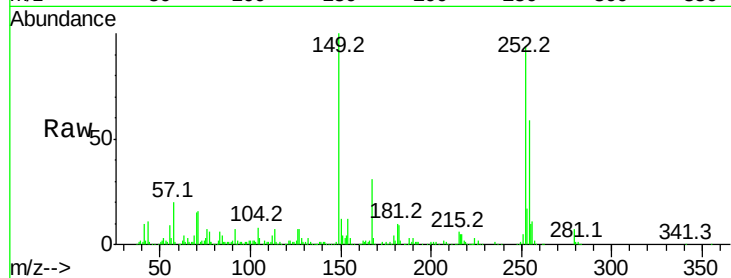




#81
 3,3'-Dichlorobenzidine
 Concen: 25.488 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

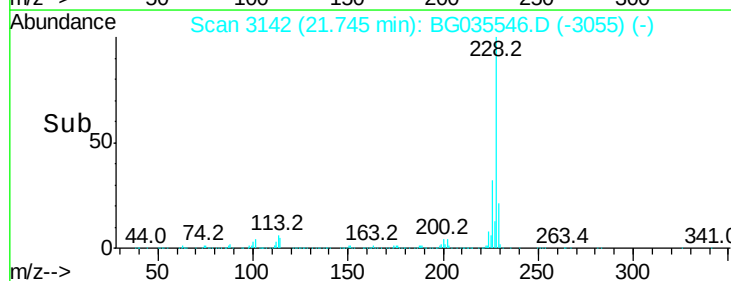
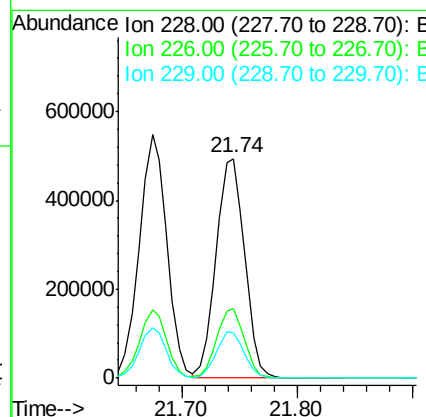
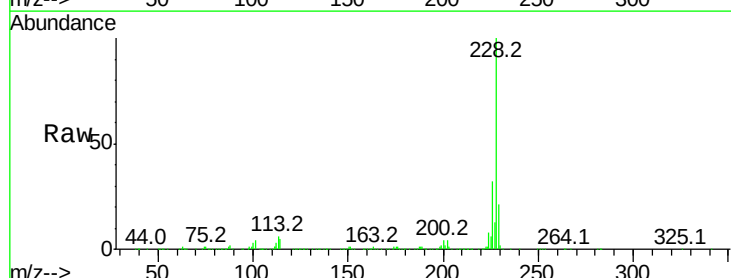
Instrument :
 BNA_G
 ClientSampleId :

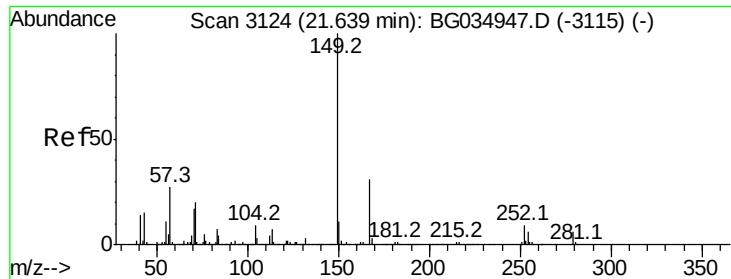
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.8	76.2
126	7.6	7.4	11.2



#82
 Chrysene
 Concen: 48.586 ng
 RT: 21.74 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	20.7	15.0	22.4

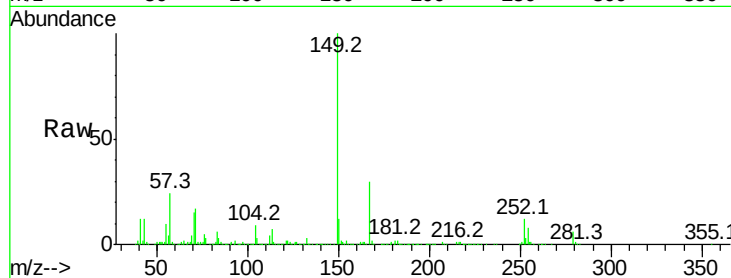




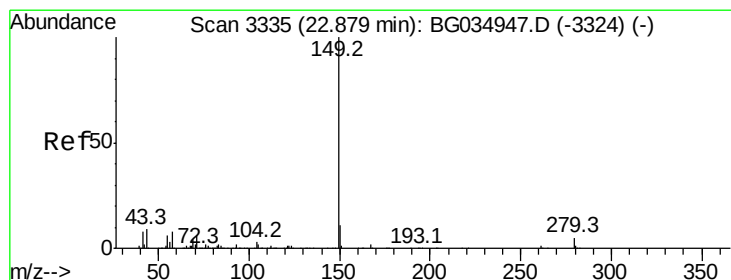
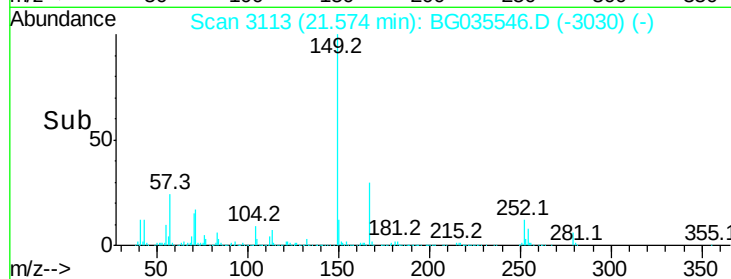
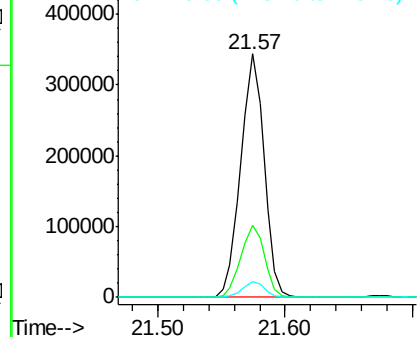
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.512 ng
 RT: 21.57 min Scan# 3113
 Delta R.T. -0.04 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	6.2	4.0	6.0

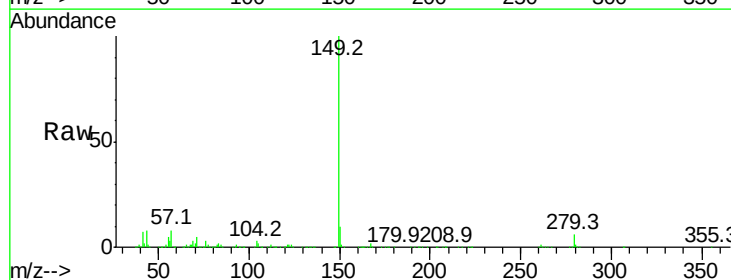


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

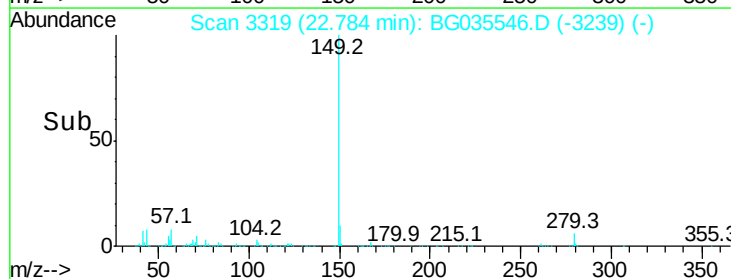
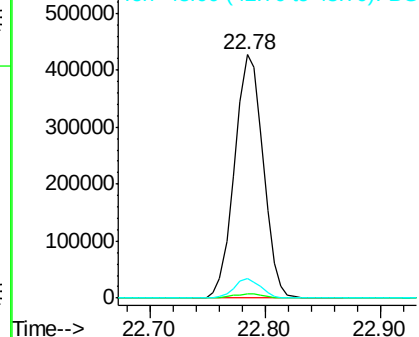


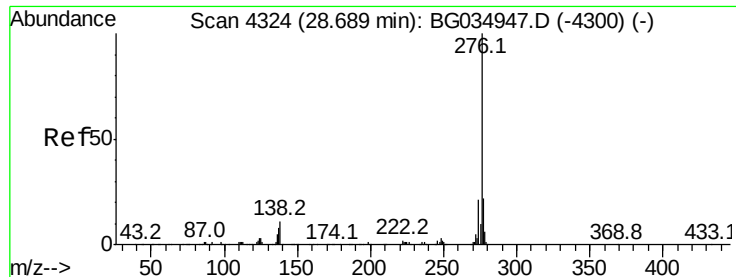
#84
 Di-n-octyl phthalate
 Concen: 42.518 ng
 RT: 22.78 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.8	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG



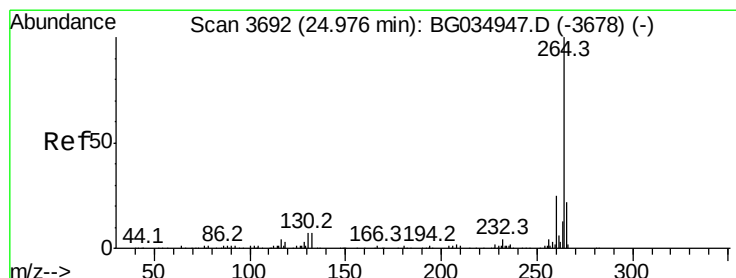
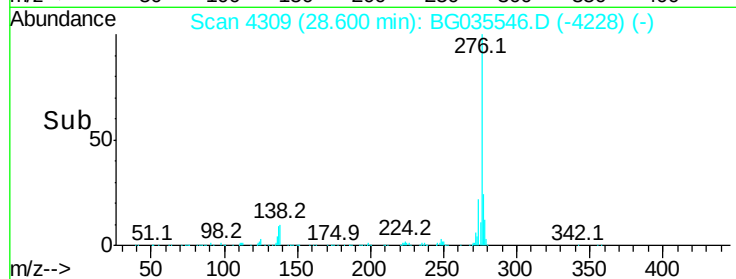
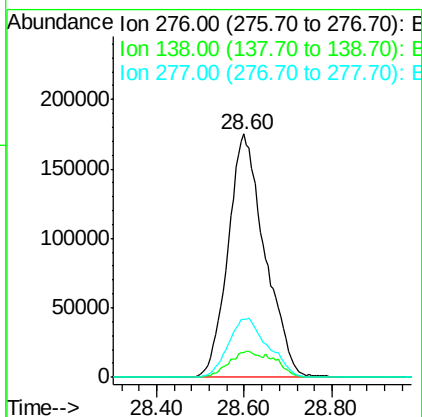
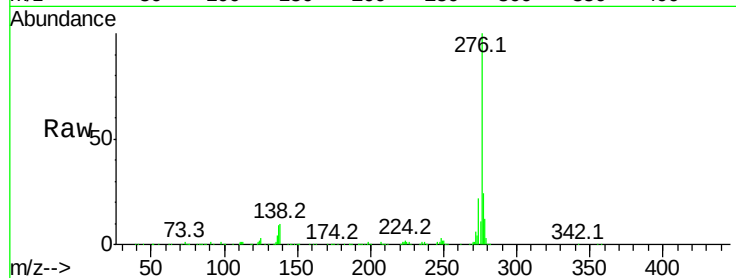


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.143 ng
 RT: 28.60 min Scan# 4309
 Delta R.T. -0.05 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1000913

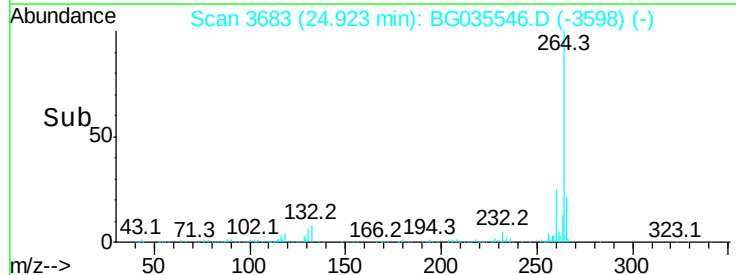
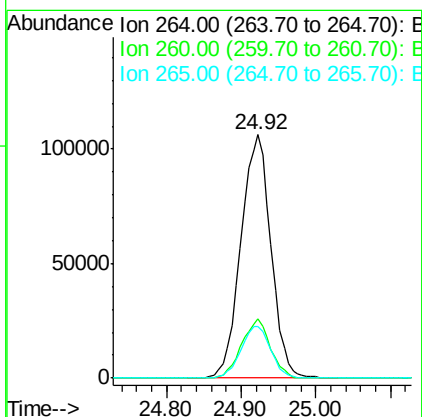
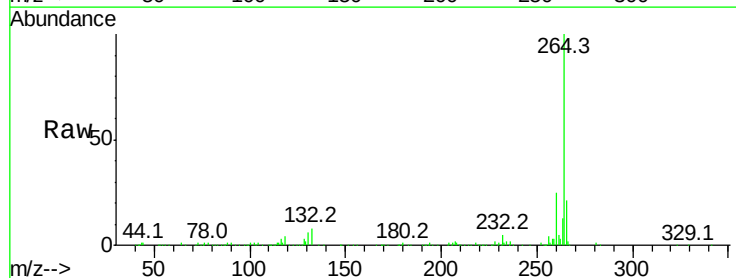
Ion	Ratio	Lower	Upper
276	100		
138	9.0	16.0	24.0#
277	26.2	20.0	30.0

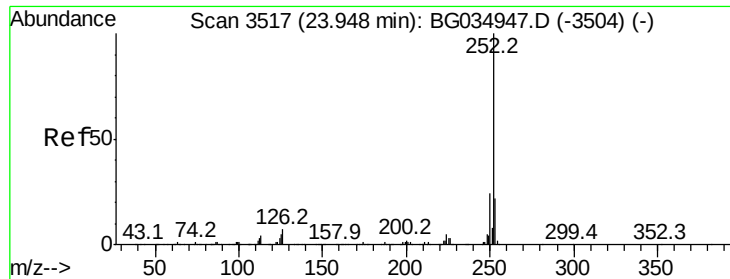


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3683
 Delta R.T. -0.03 min
 Lab File: BG035546.D
 Acq: 30 Jun 2018 17:26

Tgt Ion:264 Resp: 296252

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 48.373 ng

RT: 23.89 min Scan# 3508

Delta R.T. -0.03 min

Lab File: BG035546.D

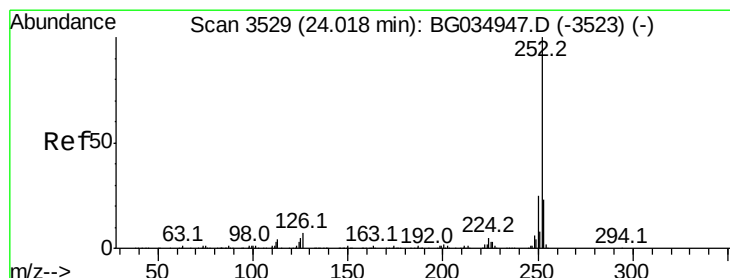
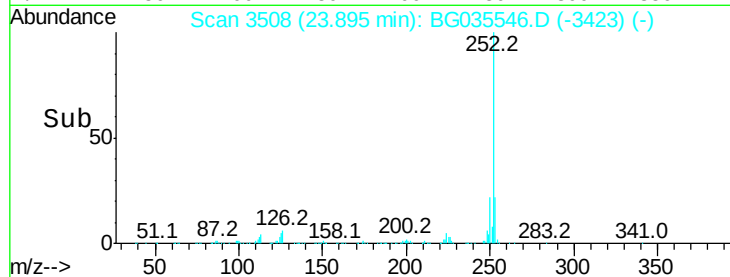
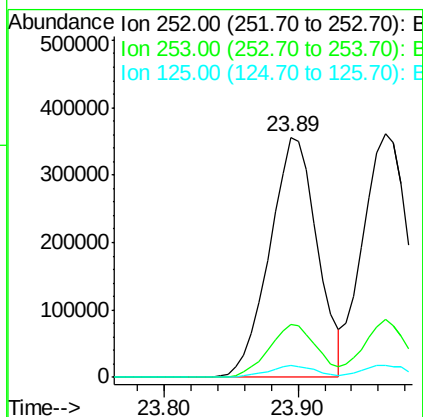
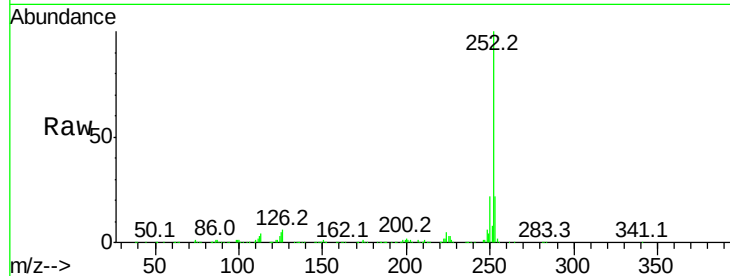
Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampled :

Tot Ion:252	Resp:	882516
Ion	Ratio	Lower Upper
252	100	
253	22.1	18.2 27.4
125	4.9	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 47.735 ng

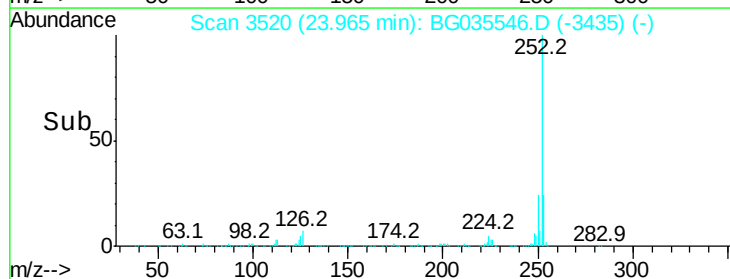
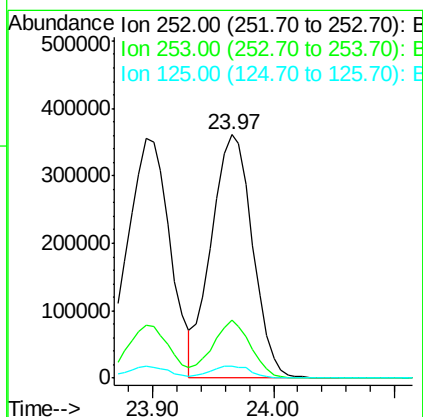
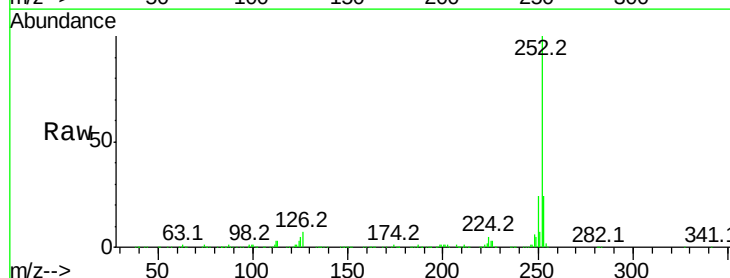
RT: 23.97 min Scan# 3520

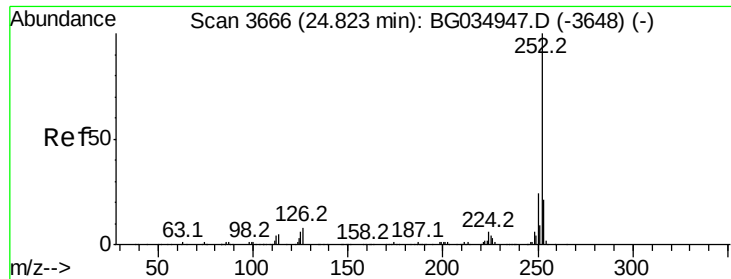
Delta R.T. -0.03 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Tgt Ion:252	Resp:	851898
Ion	Ratio	Lower Upper
252	100	
253	23.7	17.4 26.2
125	5.0	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 49.615 ng

RT: 24.77 min Scan# 3657

Delta R.T. -0.04 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

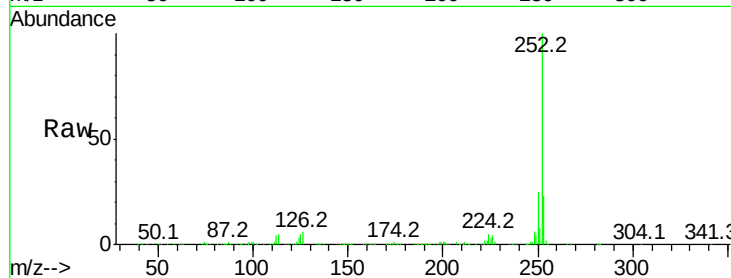
Tot Ion:252 Resp: 851746

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

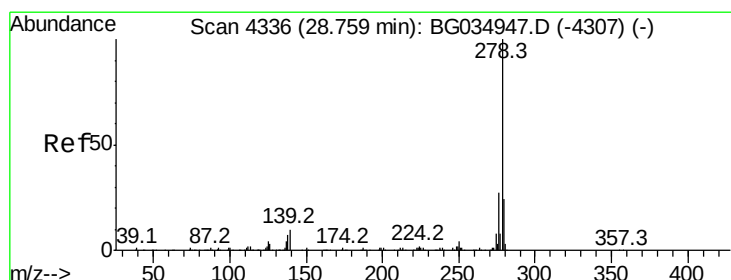
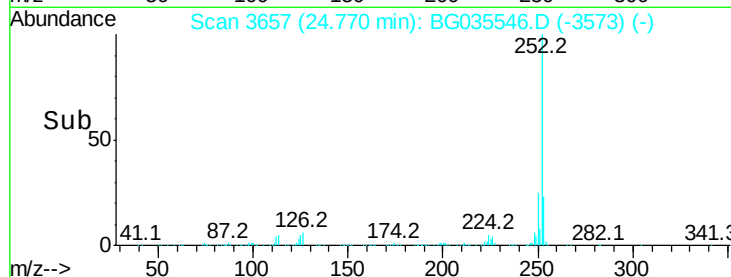
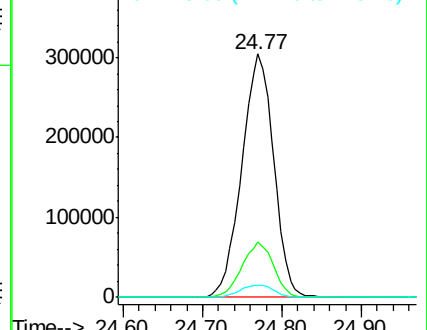
125 5.1 7.3 10.9#



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: 47.945 ng

RT: 28.66 min Scan# 4320

Delta R.T. -0.06 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

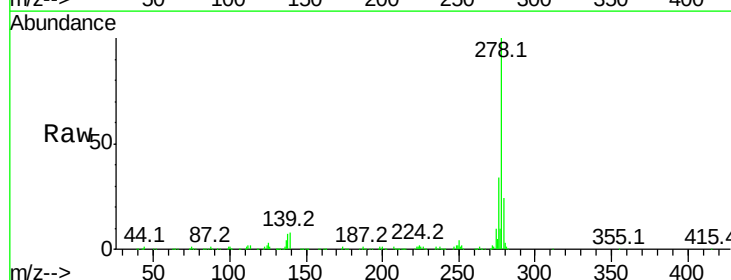
Tgt Ion:278 Resp: 812513

Ion Ratio Lower Upper

278 100

139 7.6 9.8 14.6#

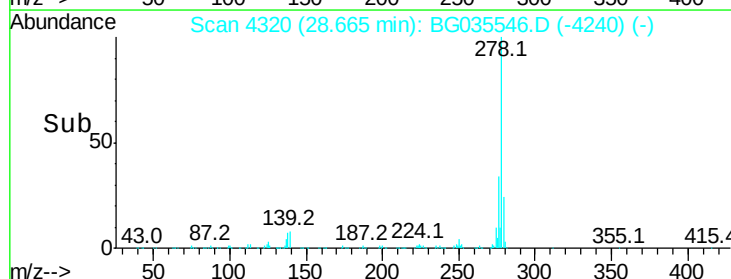
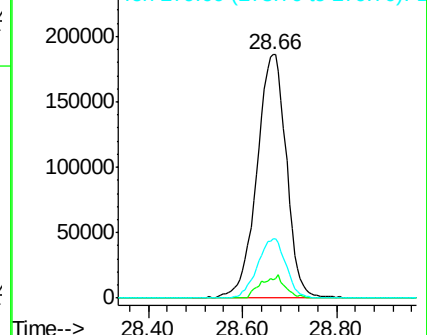
279 24.3 18.4 27.6

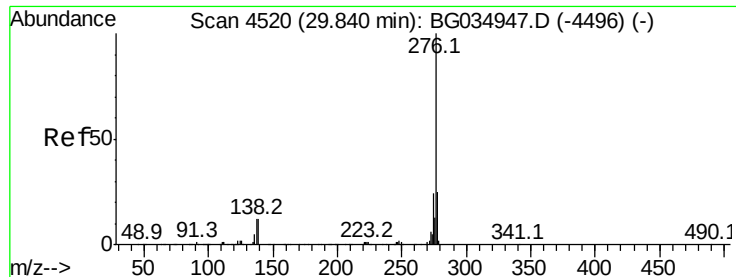


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.360 ng

RT: 29.76 min Scan# 4506

Delta R.T. -0.05 min

Lab File: BG035546.D

Acq: 30 Jun 2018 17:26

Instrument :

BNA_G

ClientSampleId :

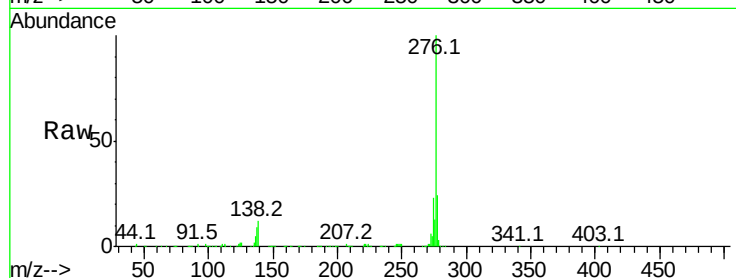
Tot Ion:276 Resp: 835206

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 12.1 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

