

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035843.D
 Acq On : 24 Jul 2018 11:51
 Operator : JU/SJ
 Sample : J3762-01
 Misc : LOD 2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 25 01:41:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33807	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	124482	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	88029	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	256131	20.00	ng	0.00
75) Chrysene-d12	21.65	240	301512	20.00	ng	0.00
86) Perylene-d12	24.86	264	269320	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	247347	121.47	ng	0.00
7) Phenol-d6	7.20	99	361421	118.96	ng	0.00
23) Nitrobenzene-d5	9.19	82	244174	81.94	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	158388	136.51	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	595150	90.58	ng	0.00
78) Terphenyl-d14	20.00	244	1373337	100.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	2563	2.473	ng	# 72
3) Pyridine	3.95	79	3547	1.311	ng	# 68
4) n-Nitrosodimethylamine	3.85	42	1724	1.484	ng	# 95
6) Aniline	7.35	93	3744	0.951	ng	# 81
8) 2-Chlorophenol	7.59	128	4009	1.936	ng	# 77
9) Benzaldehyde	7.17	77	4166	2.235	ng	# 83
10) Phenol	7.22	94	6723	2.190	ng	# 83
11) bis(2-Chloroethyl)ether	7.45	93	4079	1.697	ng	# 74
12) 1,3-Dichlorobenzene	8.07	146	4819	1.927	ng	# 97
13) 1,4-Dichlorobenzene	8.07	146	4819	1.896	ng	# 90
14) 1,2-Dichlorobenzene	7.91	146	4821	1.975	ng	# 91
15) Benzyl Alcohol	8.28	79	3255	1.180	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.57	45	4130	2.049	ng	# 86
17) 2-Methylphenol	8.48	107	3540	1.696	ng	# 94
18) Hexachloroethane	9.11	117	1433	1.475	ng	# 83
19) n-Nitroso-di-n-propylamine	8.83	70	3520	1.376	ng	# 71
20) 3+4-Methylphenols	8.82	107	3729	1.288	ng	# 90
22) Acetophenone	8.85	105	6200	1.602	ng	# 88
24) Nitrobenzene	9.23	77	6084	2.030	ng	# 88
25) Isophorone	9.76	82	9145	1.653	ng	# 97
26) 2-Nitrophenol	9.95	139	1601	1.504	ng	# 43
27) 2,4-Dimethylphenol	10.03	122	2601	1.444	ng	# 64
28) bis(2-Chloroethoxy)methane	10.25	93	3991	1.309	ng	# 64
29) 2,4-Dichlorophenol	10.53	162	1526	0.742	ng	# 80
30) 1,2,4-Trichlorobenzene	10.69	180	5954	2.361	ng	# 90
31) Naphthalene	10.89	128	13006	2.006	ng	# 90
32) Benzoic acid	10.12	122	148	0.122	ng	# 19
33) 4-Chloroaniline	11.04	127	2606	0.922	ng	# 88
34) Hexachlorobutadiene	11.17	225	3206	1.630	ng	# 98
35) Caprolactam	11.78	113	240	0.272	ng	# 55
36) 4-Chloro-3-methylphenol	12.14	107	3224	1.170	ng	# 94
37) 2-Methylnaphthalene	12.49	142	10175	2.106	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	7314	2.201	ng	# 91
42) 2,4,6-Trichlorophenol	13.10	196	3321	1.709	ng	# 66

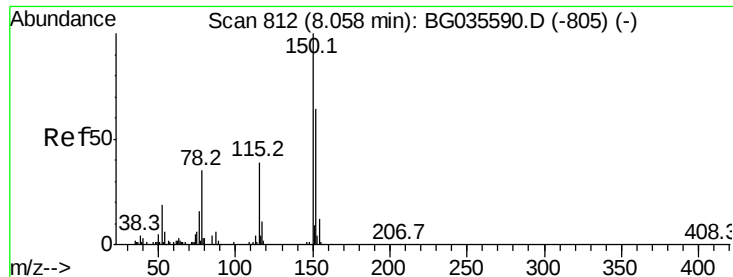
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
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 BNA_G
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Quant Time: Jul 25 01:41:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	291	0.134	ng	# 47
45) 1,1'-Biphenyl	13.49	154	14774	2.165	ng	94
46) 2-Chloronaphthalene	13.53	162	10722	2.020	ng	# 90
47) 2-Nitroaniline	13.75	65	2708	1.443	ng	# 66
48) Acenaphthylene	14.38	152	16571	1.863	ng	# 92
49) Dimethylphthalate	14.11	163	14266	1.850	ng	# 93
50) 2,6-Dinitrotoluene	14.23	165	2652	1.689	ng	86
51) Acenaphthene	14.71	154	10666	1.925	ng	97
52) 3-Nitroaniline	14.59	138	1882	1.172	ng	# 79
53) 2,4-Dinitrophenol	14.99	184	53	6.642	ng	# 1
54) Dibenzofuran	15.05	168	18359	2.084	ng	# 86
55) 4-Nitrophenol	15.05	139	7742	6.772	ng	# 1
56) 2,4-Dinitrotoluene	15.02	165	3905	1.733	ng	# 67
57) Fluorene	15.70	166	15466	2.095	ng	93
58) 2,3,4,6-Tetrachlorophenol	15.29	232	3302	1.584	ng	# 81
59) Diethylphthalate	15.46	149	14463	1.824	ng	# 87
60) 4-Chlorophenyl-phenylether	15.69	204	8991	2.072	ng	90
61) 4-Nitroaniline	15.78	138	954	0.568	ng	82
62) Azobenzene	15.98	77	14273	1.825	ng	87
64) 4,6-Dinitro-2-methylphenol	16.13	198	644	0.452	ng	# 1
65) n-Nitrosodiphenylamine	15.90	169	12313	1.689	ng	97
66) 4-Bromophenyl-phenylether	16.58	248	5255	1.768	ng	94
67) Hexachlorobenzene	16.70	284	6007	1.963	ng	94
68) Atrazine	16.85	200	4365	1.454	ng	92
69) Pentachlorophenol	17.08	266	76	0.041	ng	# 19
70) Phenanthrene	17.44	178	25941	2.030	ng	95
71) Anthracene	17.44	178	25941	2.038	ng	95
72) Carbazole	17.81	167	20008	1.656	ng	# 93
73) Di-n-butylphthalate	18.35	149	23224	1.626	ng	# 94
74) Fluoranthene	19.44	202	33506	1.946	ng	99
76) Benzidine	19.66	184	3705	0.467	ng	95
77) Pyrene	19.81	202	34704	1.820	ng	96
79) Butylbenzylphthalate	20.68	149	10739	1.575	ng	98
80) Benzo(a)anthracene	21.64	228	35967	1.914	ng	94
81) 3,3'-Dichlorobenzidine	21.58	252	7855	1.199	ng	# 68
82) Chrysene	21.70	228	36716	2.109	ng	96
83) Bis(2-ethylhexyl)phthalate	21.54	149	14787	1.595	ng	# 92
84) Di-n-octyl phthalate	22.73	149	23937	1.542	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.49	276	6261	0.325	ng	# 62
87) Benzo(b)fluoranthene	23.84	252	29180	1.783	ng	96
88) Benzo(k)fluoranthene	23.84	252	29180	1.823	ng	98
89) Benzo(a)pyrene	24.71	252	27974	1.837	ng	93
90) Dibenzo(a,h)anthracene	28.59	278	19336	1.293	ng	# 84
91) Benzo(g,h,i)perylene	29.63	276	8734	0.597	ng	# 93

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

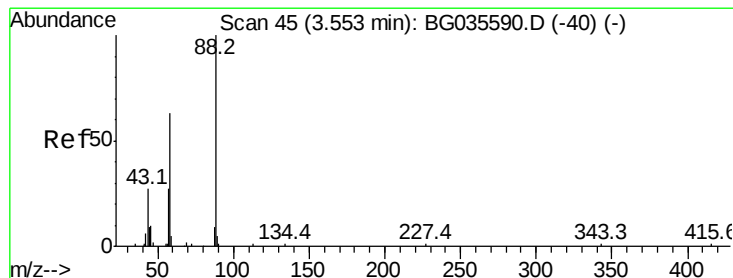
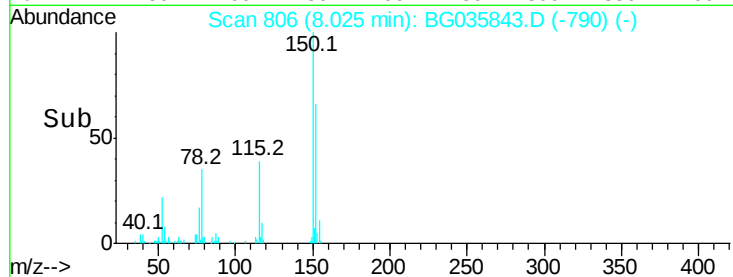
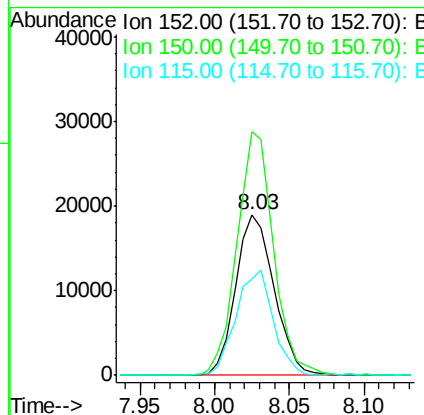
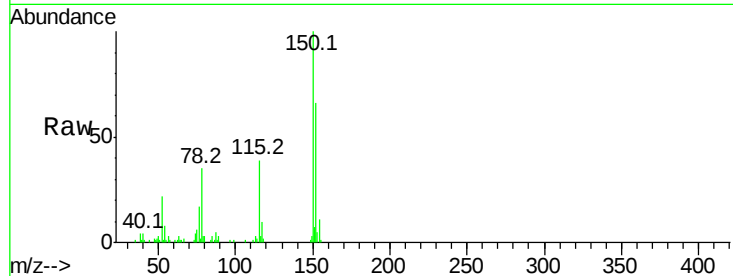


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Instrument :
 BNA_G
 ClientSampled :

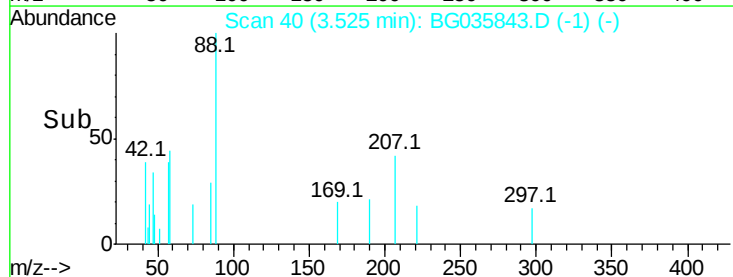
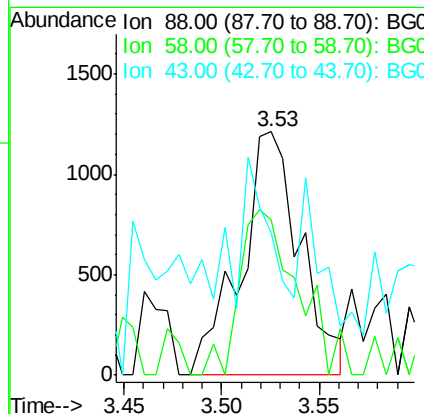
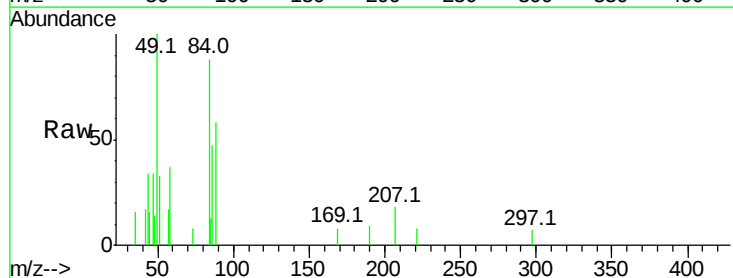
Tot Ion	152	Resp	33807
Ion Ratio	Lower	Upper	
152	100		
150	151.7	126.6	189.8
115	59.8	53.0	79.4

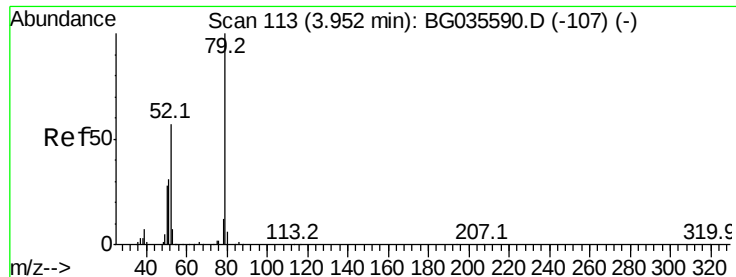


#2

1,4-Dioxane
 Concen: 2.473 ng
 RT: 3.53 min Scan# 40
 Delta R.T. 0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion	88	Resp	2563
Ion Ratio	Lower	Upper	
88	100		
58	67.0	79.6	119.4#
43	26.1	27.4	41.0#





#3

Pvridine

Concen: 1.311 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.04 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

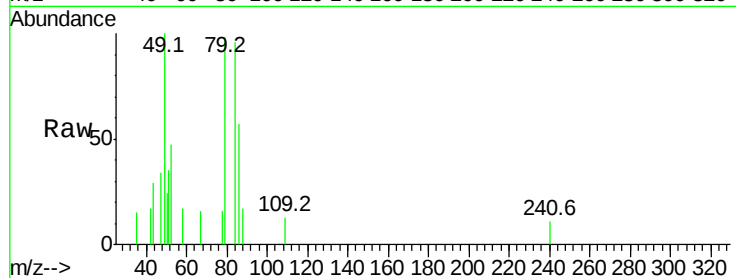
Tot Ion: 79 Resp: 3547

Ion Ratio Lower Upper

79 100

52 48.0 69.9 104.9#

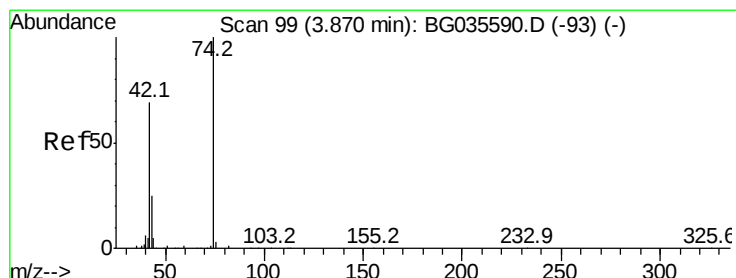
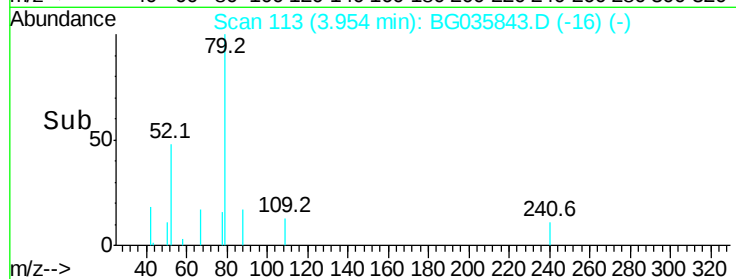
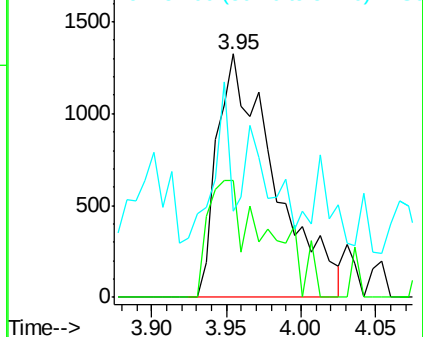
51 35.3 34.0 51.0



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: 1.484 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.01 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

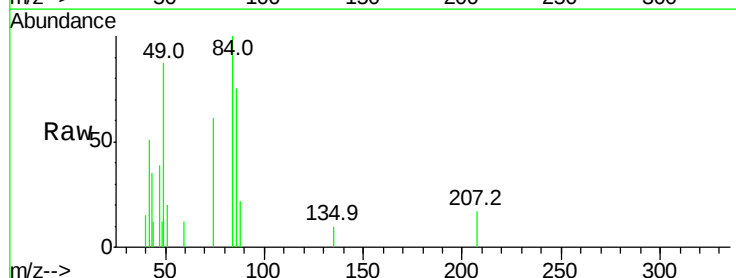
Tgt Ion: 42 Resp: 1724

Ion Ratio Lower Upper

42 100

74 120.9 102.5 153.7

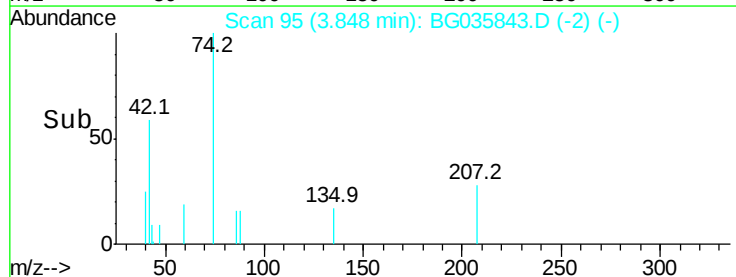
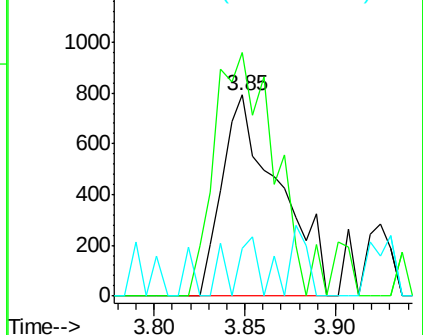
44 23.5 18.9 28.3

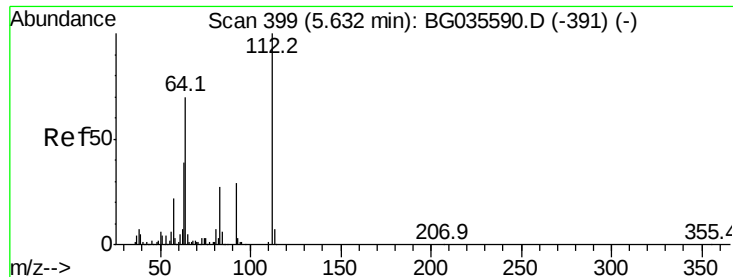


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.470 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035843.D

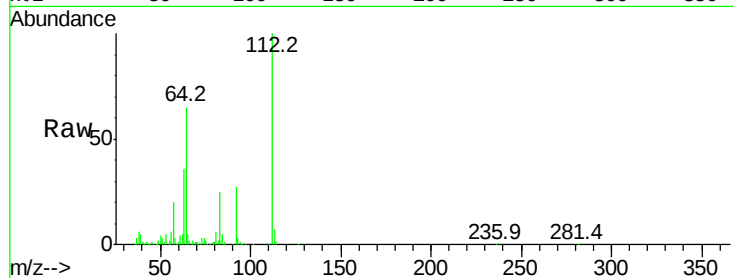
Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

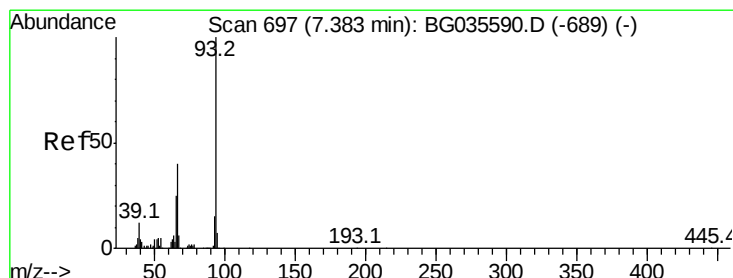
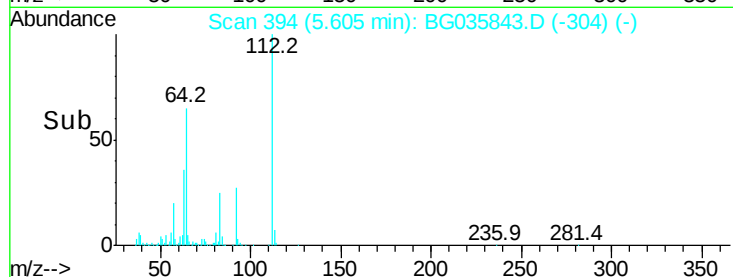
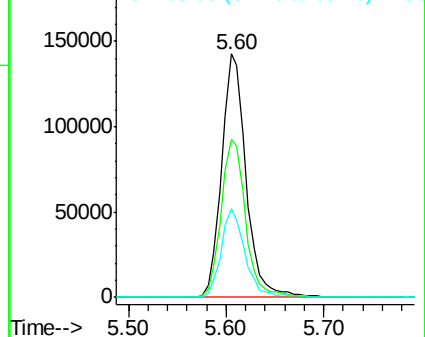
Tot Ion:	112	Resp:	247347
Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	36.2	30.1	45.1



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: 0.951 ng

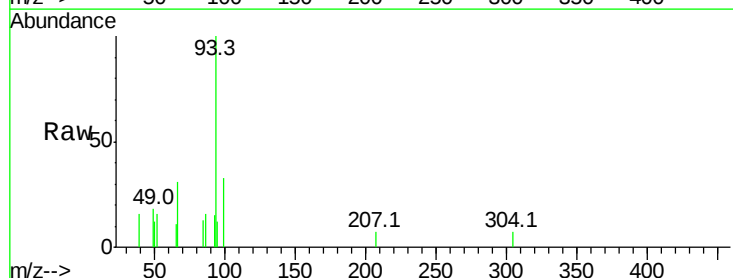
RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

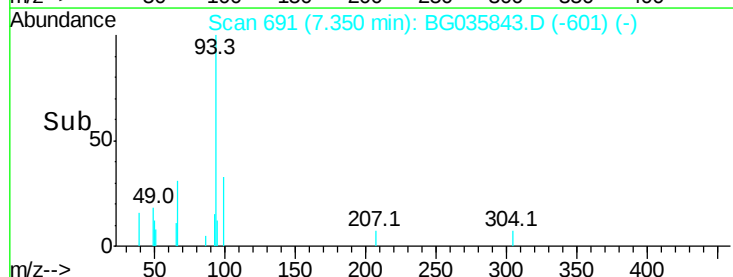
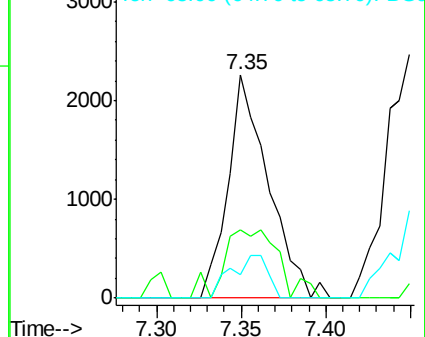
Tgt Ion:	93	Resp:	3744
Ion	Ratio	Lower	Upper
93	100		
66	30.7	33.7	50.5#
65	10.5	16.1	24.1#

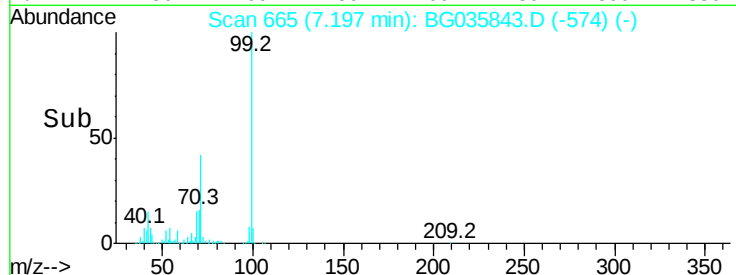
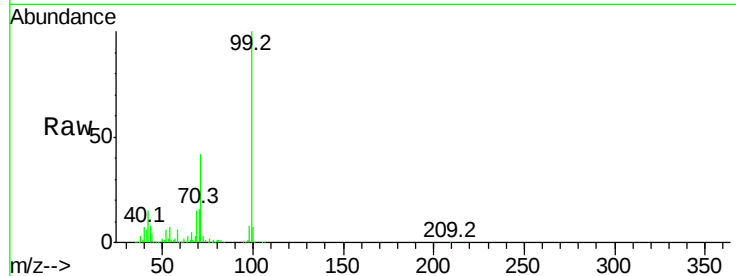
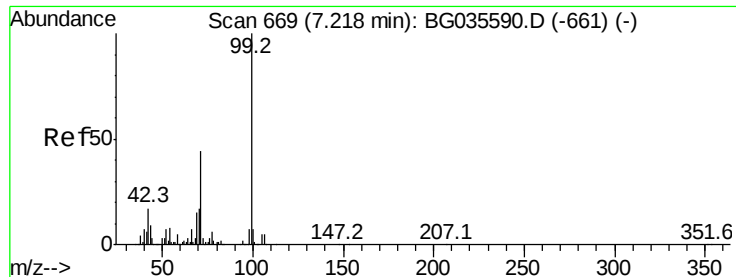


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.963 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

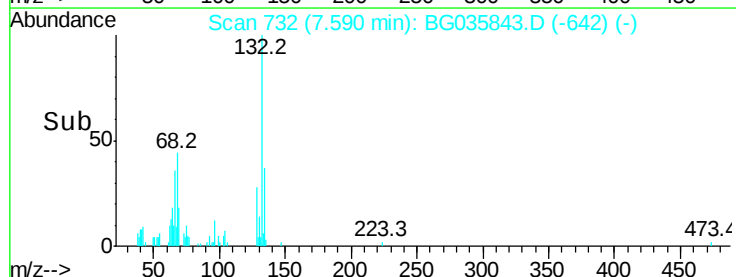
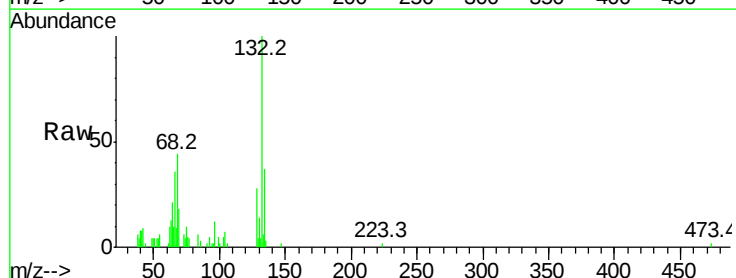
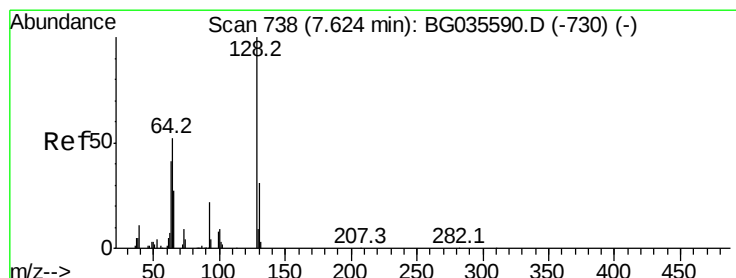
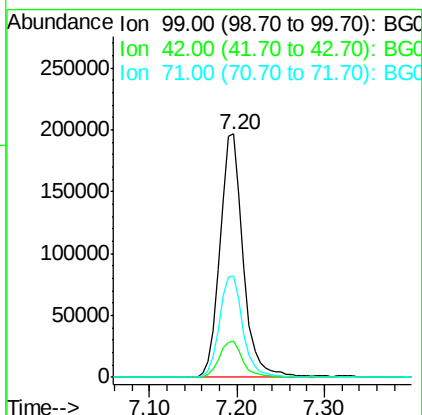
Tot Ion: 99 Resp: 361421

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 41.8 26.1 39.1#



#8

2-Chlorophenol

Concen: 1.936 ng

RT: 7.59 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

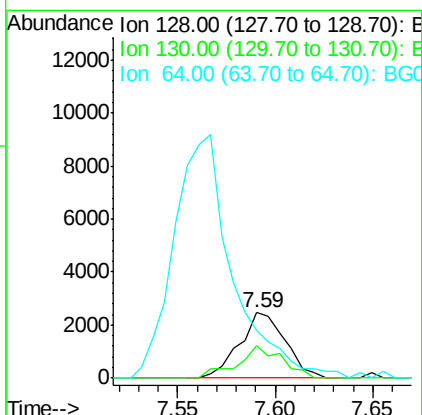
Tgt Ion: 128 Resp: 4009

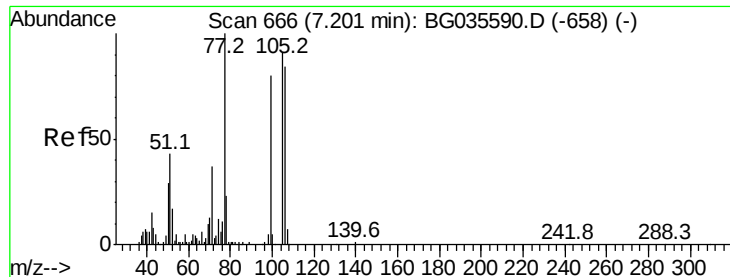
Ion Ratio Lower Upper

128 100

130 49.2 14.0 54.0

64 73.1 37.7 77.7





#9

Benzaldehyde

Concen: 2.235 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

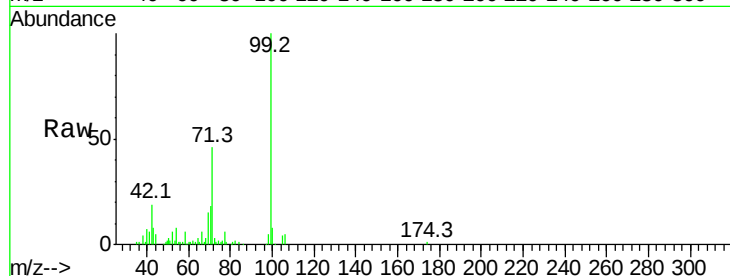
Tot Ion: 77 Resp: 4166

Ion Ratio Lower Upper

77 100

105 63.5 71.3 111.3#

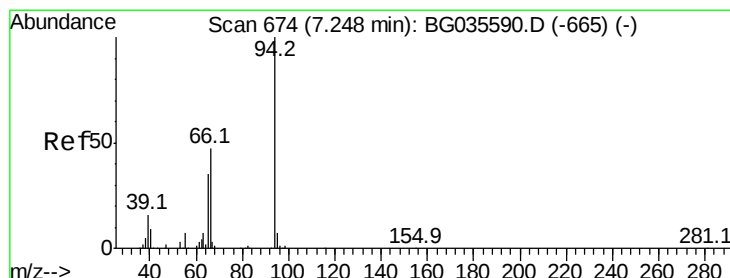
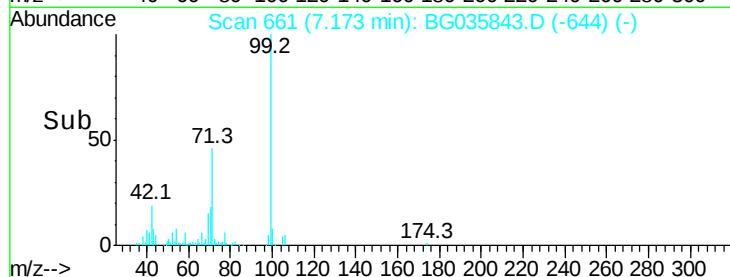
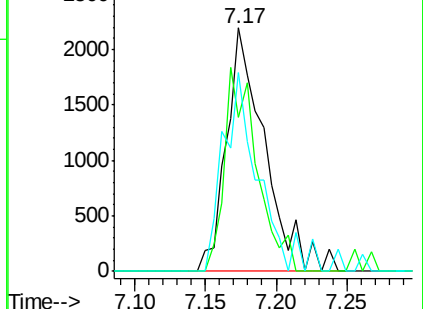
106 81.5 64.2 104.2



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: 2.190 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

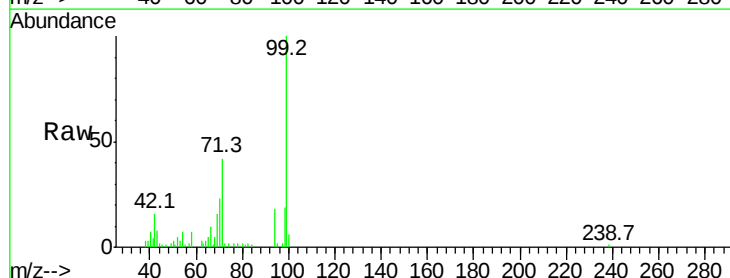
Tgt Ion: 94 Resp: 6723

Ion Ratio Lower Upper

94 100

65 25.9 11.9 51.9

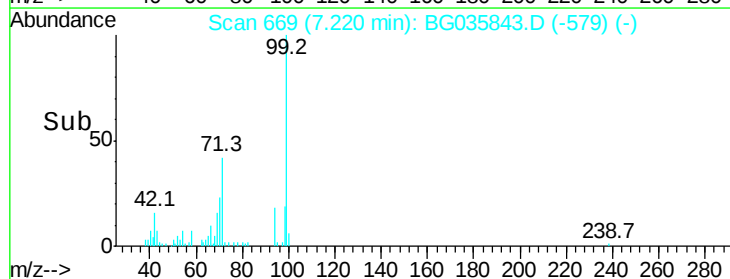
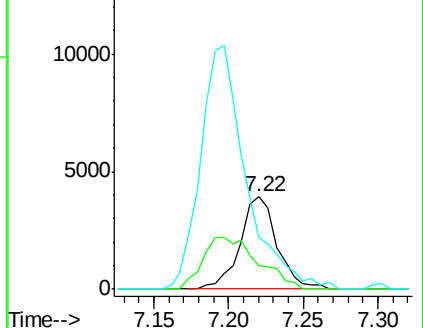
66 56.5 22.2 62.2

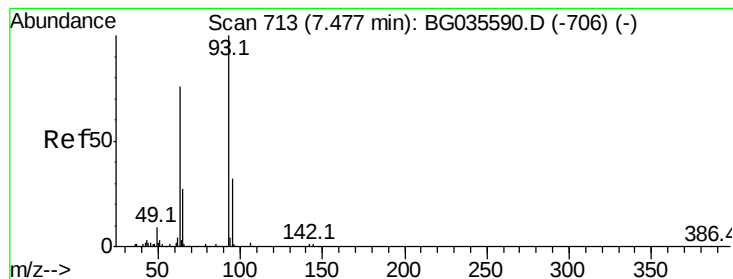


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

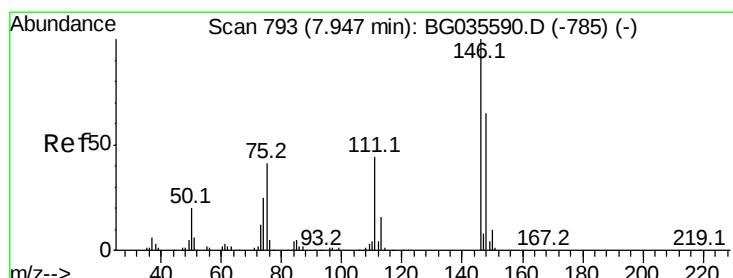
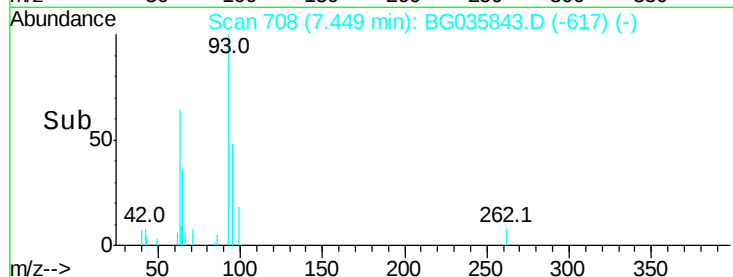
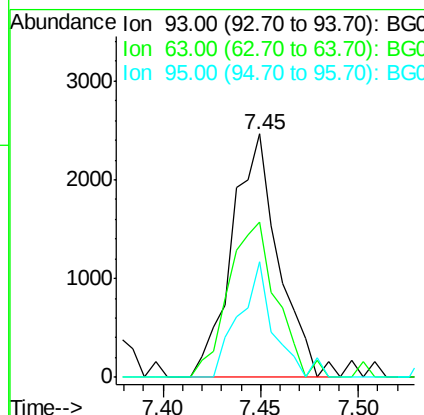
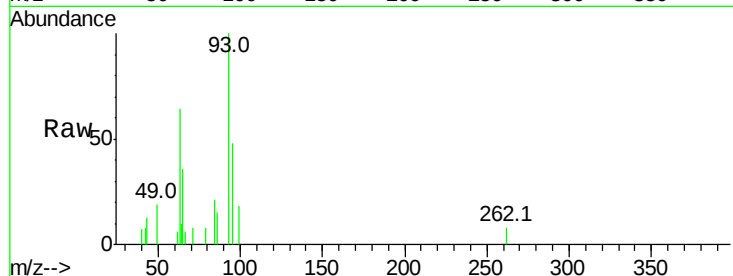




#11
bis(2-Chloroethyl)ether
Concen: 1.697 ng
RT: 7.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

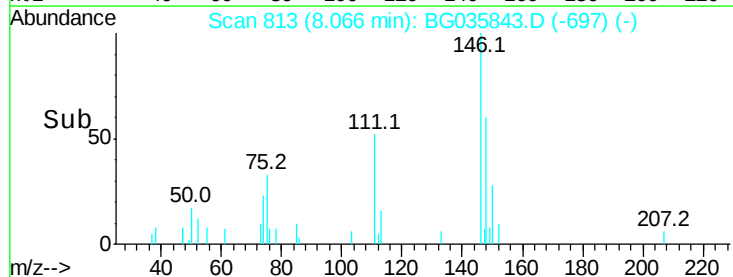
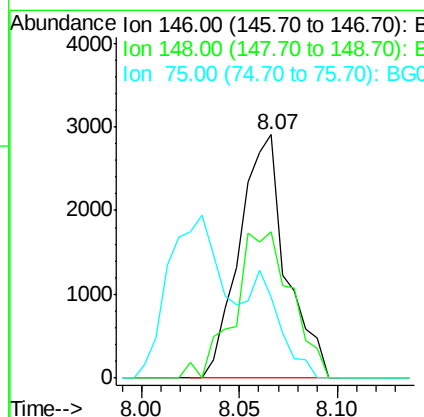
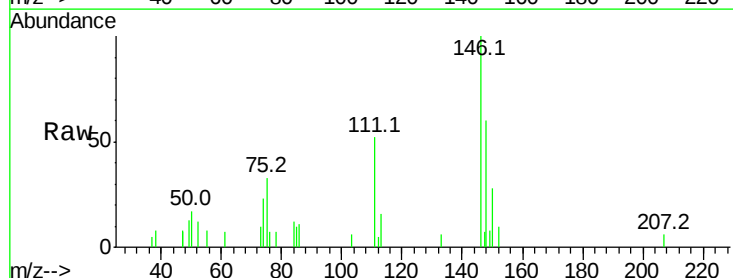
Instrument :
BNA_G
ClientSampleId :

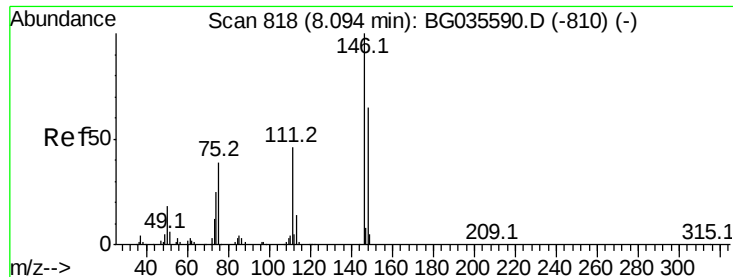
Tot Ion: 93 Resp: 4079
Ion Ratio Lower Upper
93 100
63 63.7 67.1 107.1#
95 47.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 1.927 ng
RT: 8.07 min Scan# 813
Delta R.T. 0.15 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion: 146 Resp: 4819
Ion Ratio Lower Upper
146 100
148 60.2 51.4 77.2
75 33.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 1.896 ng

RT: 8.07 min Scan# 813

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

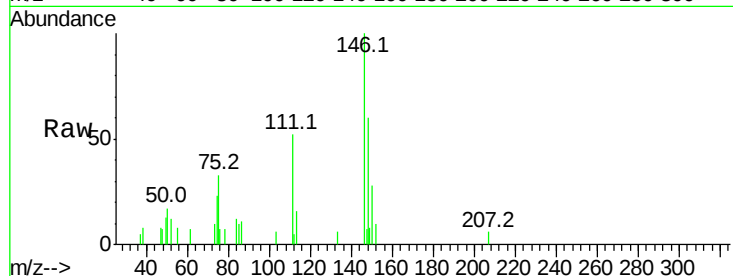
Tot Ion:146 Resp: 4819

Ion Ratio Lower Upper

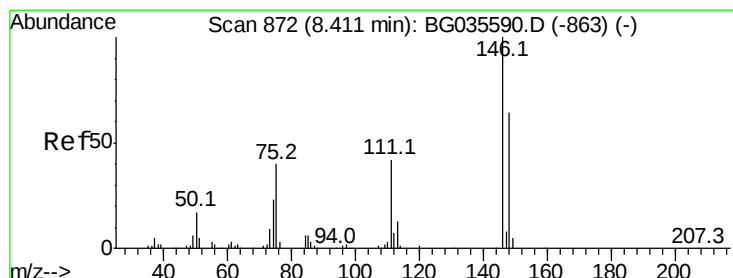
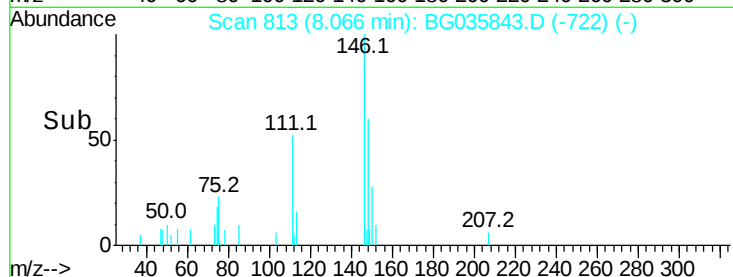
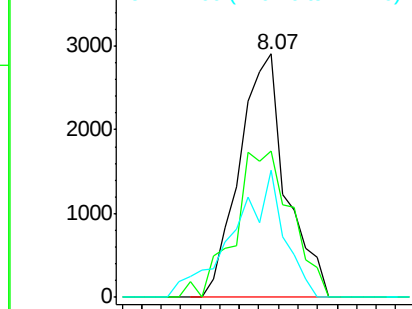
146 100

148 60.2 53.7 80.5

111 52.2 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 1.975 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.47 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

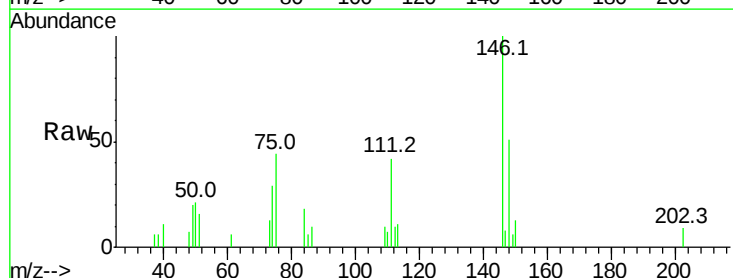
Tgt Ion:146 Resp: 4821

Ion Ratio Lower Upper

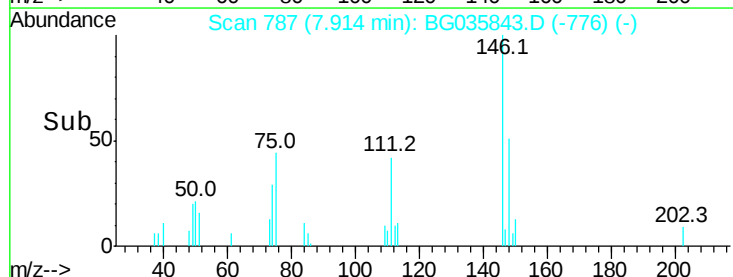
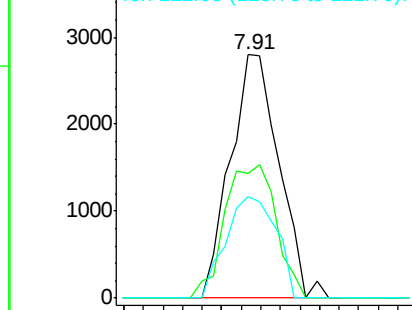
146 100

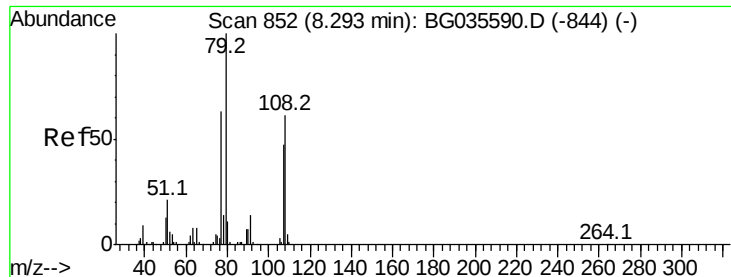
148 51.4 49.3 73.9

111 41.6 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 1.180 ng

RT: 8.28 min Scan# 850

Delta R.T. 0.01 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampled :

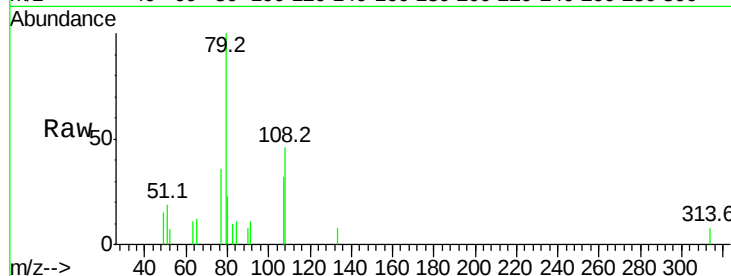
Tot Ion: 79 Resp: 3255

Ion Ratio Lower Upper

79 100

108 46.0 57.2 85.8#

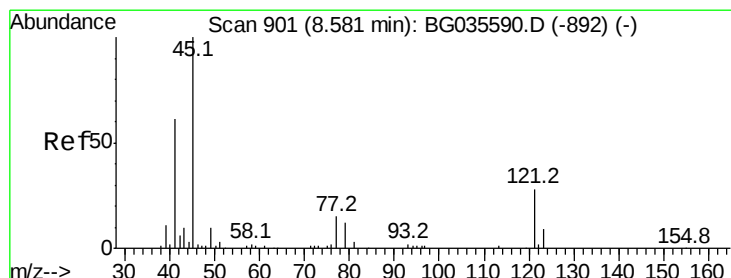
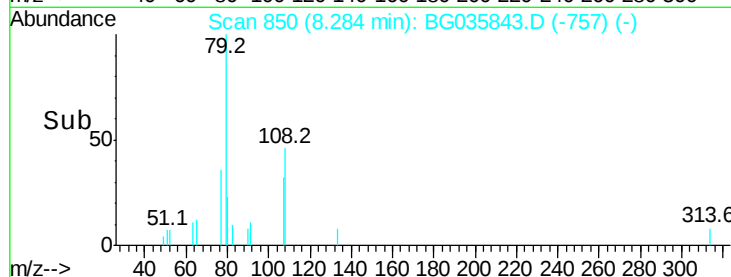
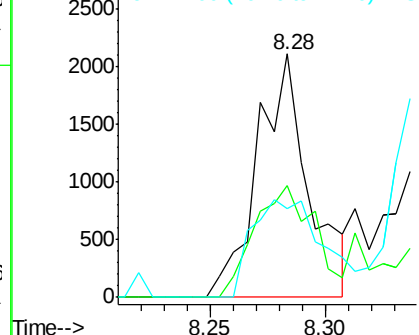
77 36.4 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.049 ng

RT: 8.57 min Scan# 898

Delta R.T. 0.01 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

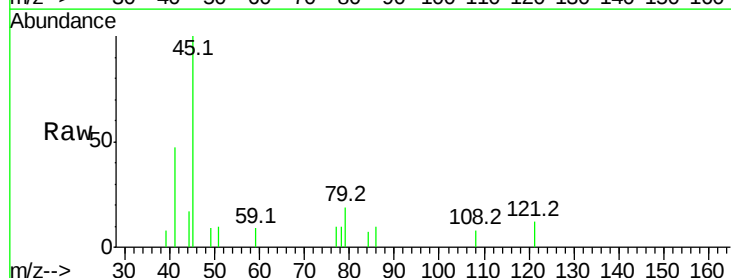
Tgt Ion: 45 Resp: 4130

Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.2

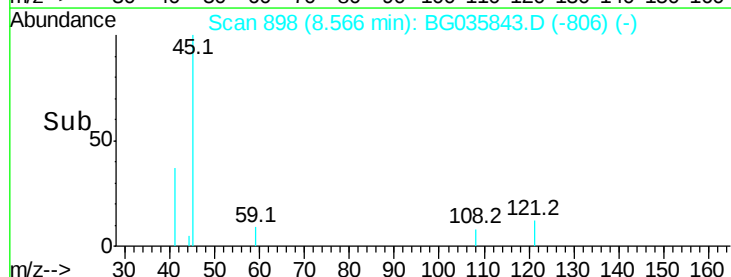
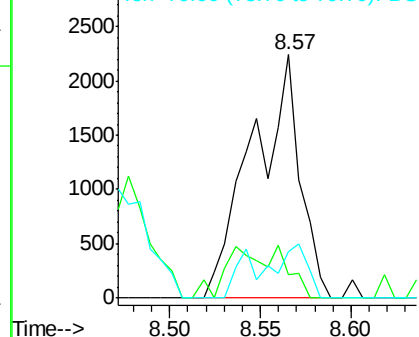
79 19.0 0.0 27.9

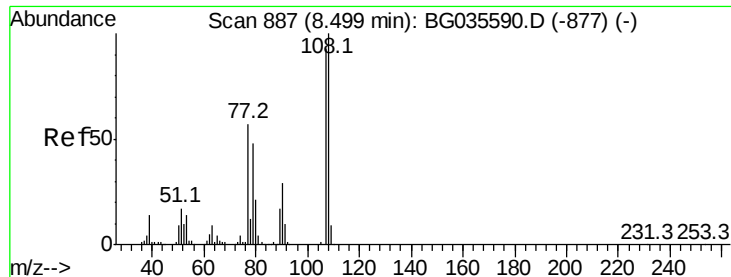


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 1.696 ng

RT: 8.48 min Scan# 883

Delta R.T. 0.01 min

Lab File: BG035843.D

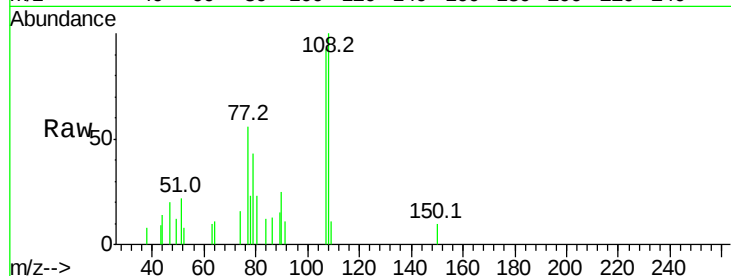
Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:	107	Resp:	3540
Ion	Ratio	Lower	Upper
107	100		
108	107.1	83.9	125.9
77	59.8	37.2	55.8#
79	46.4	36.2	54.2

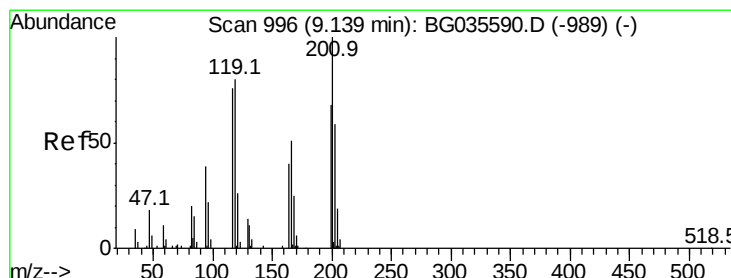
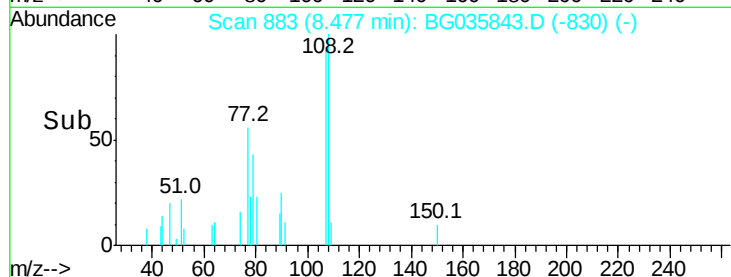
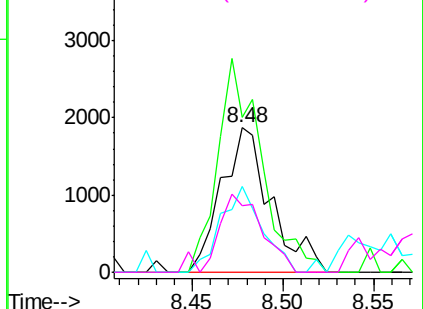


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 1.475 ng

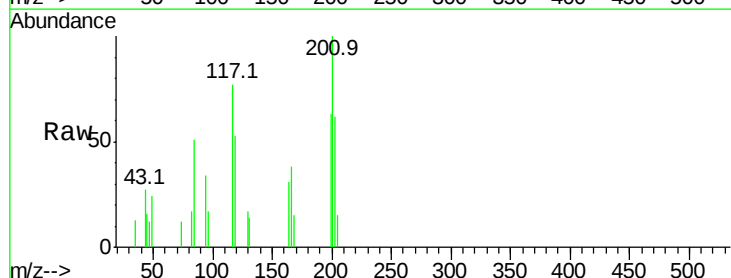
RT: 9.11 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

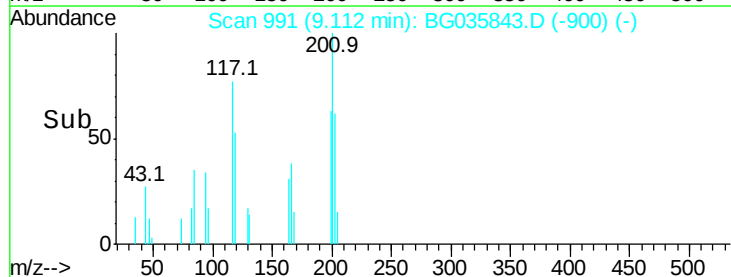
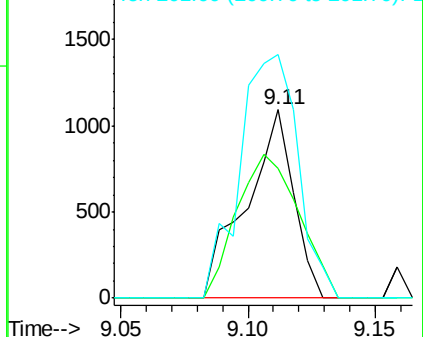
Tgt Ion:	117	Resp:	1433
Ion	Ratio	Lower	Upper
117	100		
119	68.7	76.7	115.1#
201	129.4	95.7	143.5

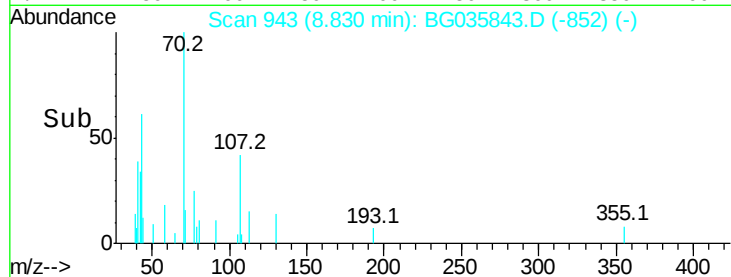
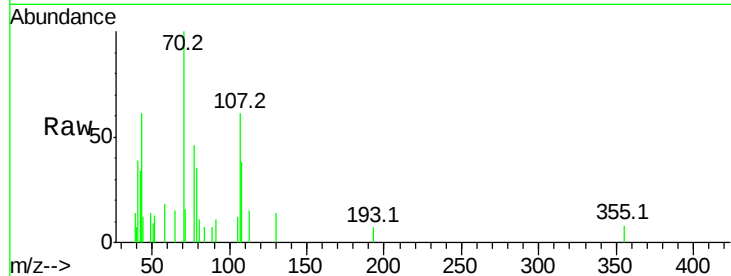
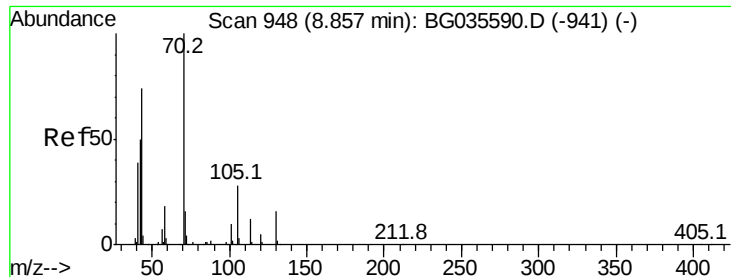


Abundance Ion 117.00 (116.70 to 117.70): E

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: 1.376 ng

RT: 8.83 min Scan# 943

Delta R.T. 0.00 min

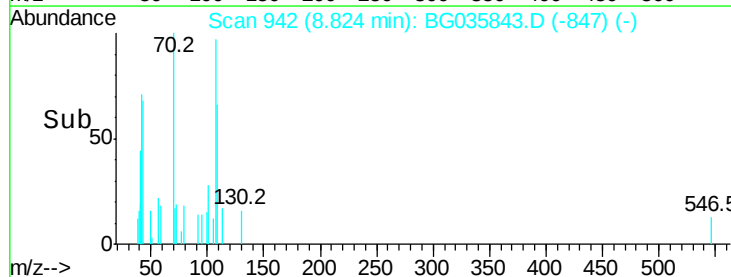
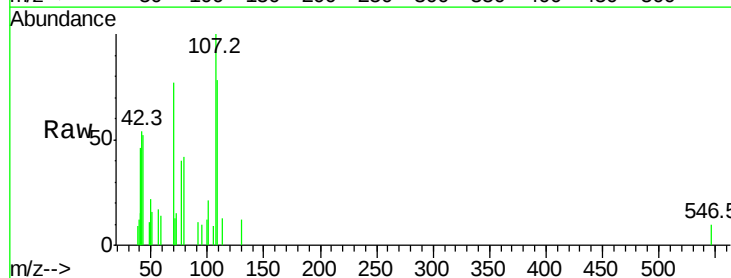
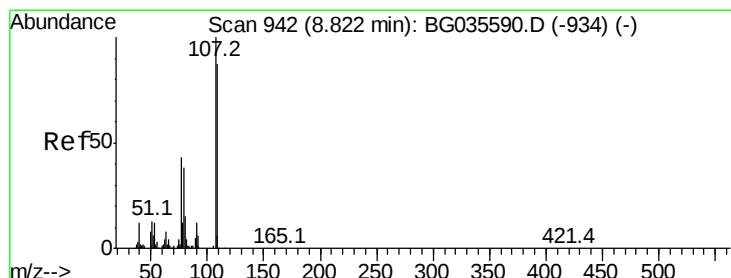
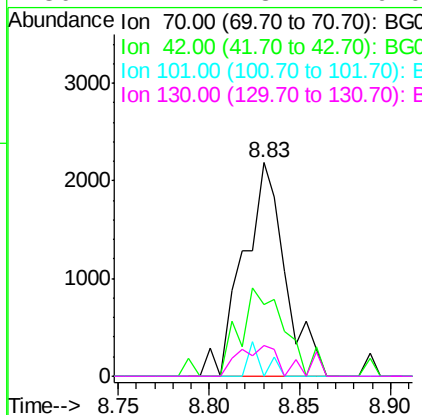
Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 3520

Ion	Ratio	Lower	Upper
70	100		
42	33.9	49.1	73.7#
101	0.0	8.5	12.7#
130	14.2	13.4	20.0



#20

3+4-Methylphenols

Concen: 1.288 ng

RT: 8.82 min Scan# 942

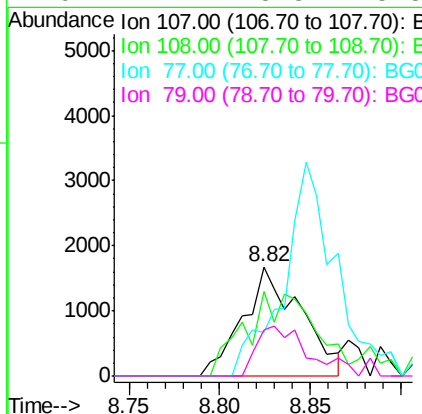
Delta R.T. 0.03 min

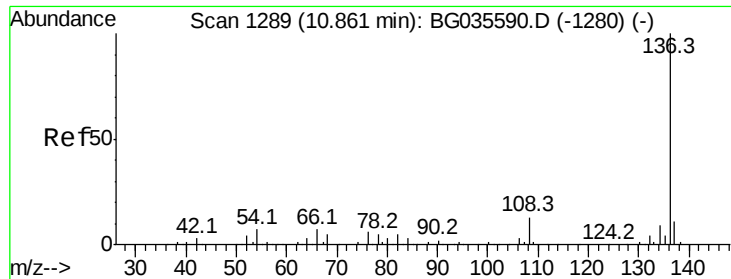
Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Tgt Ion: 107 Resp: 3729

Ion	Ratio	Lower	Upper
107	100		
108	78.2	61.6	101.6
77	39.7	13.9	53.9
79	42.4	8.8	48.8

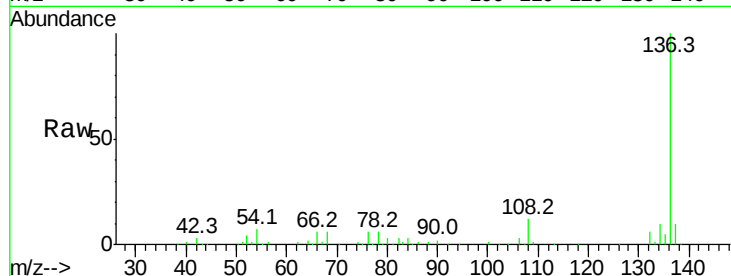




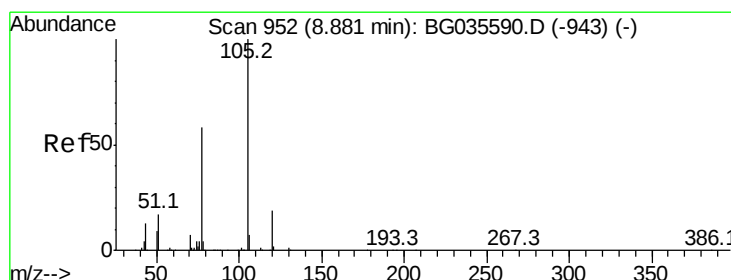
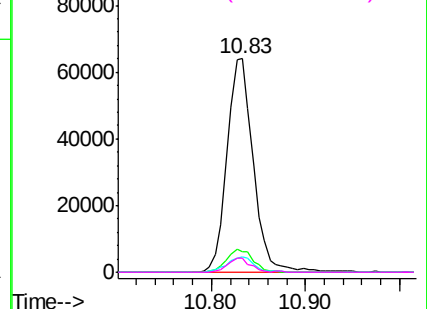
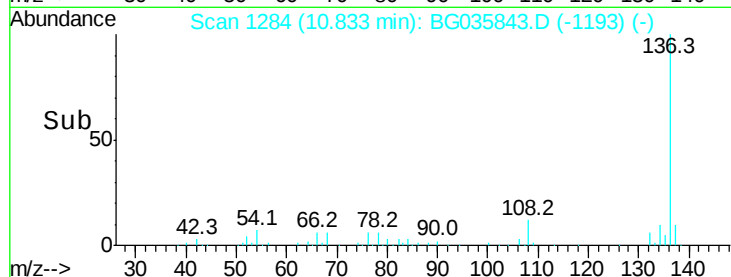
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	124482
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.2 13.8
54	7.2	10.3 15.5#
68	6.3	4.5 6.7

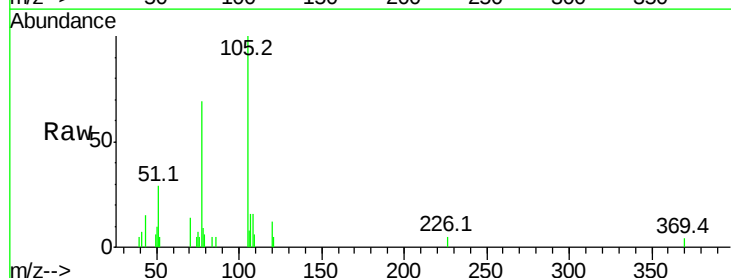


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

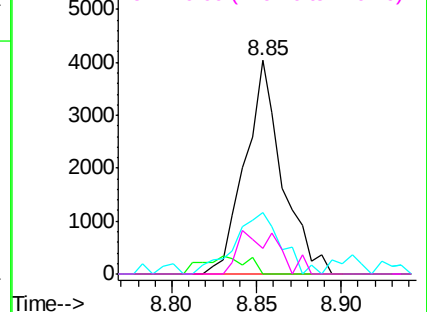
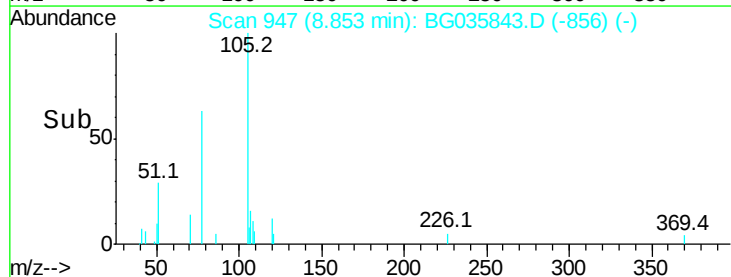


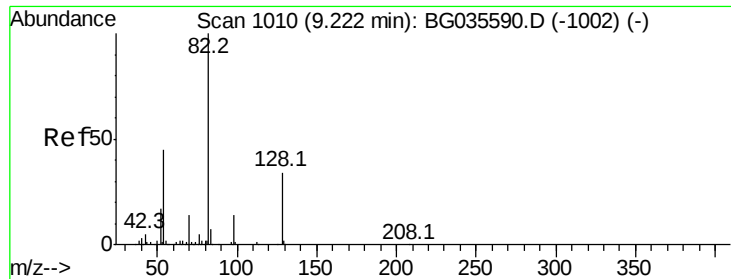
#22
Acetophenone
Concen: 1.602 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion:105	Resp:	6200
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	28.7	26.1 39.1
120	12.0	17.4 26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

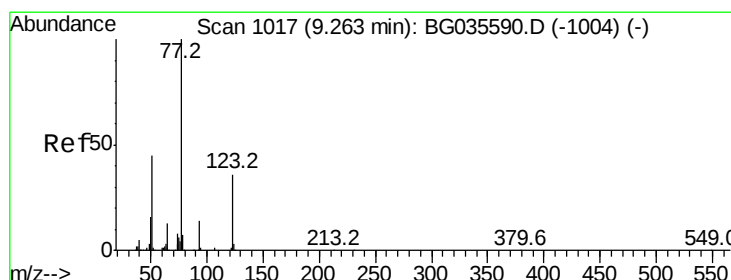
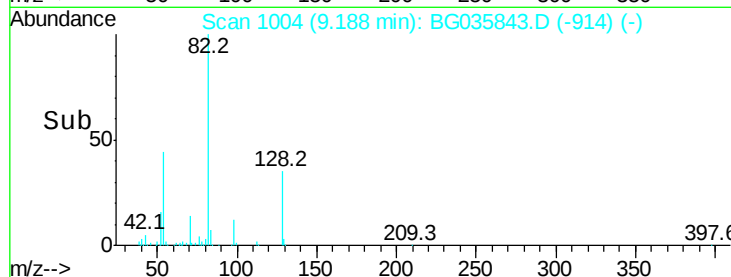
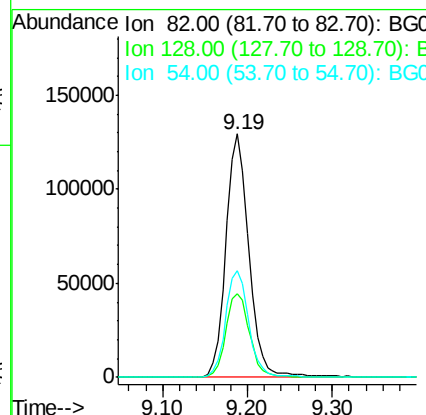
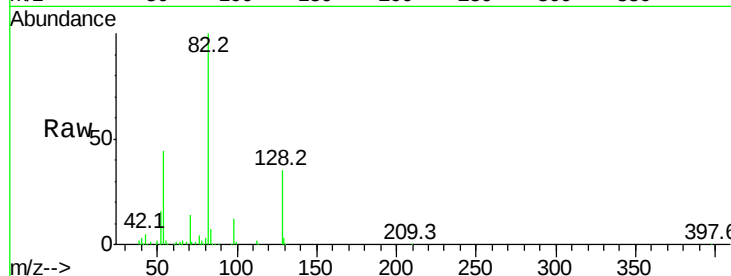




#23
 Nitrobenzene-d5
 Concen: 81.942 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

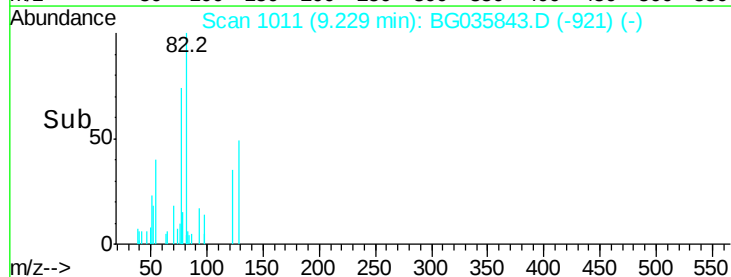
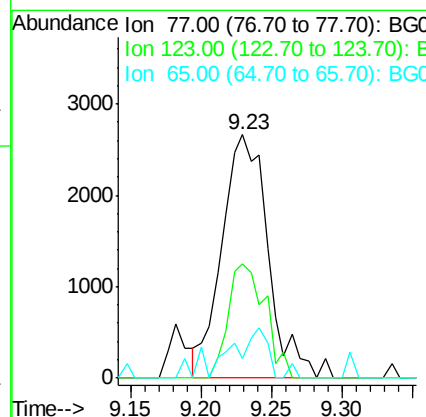
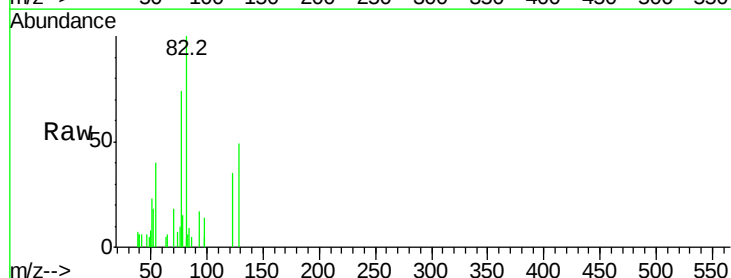
Instrument :
 BNA_G
 ClientSampleId :

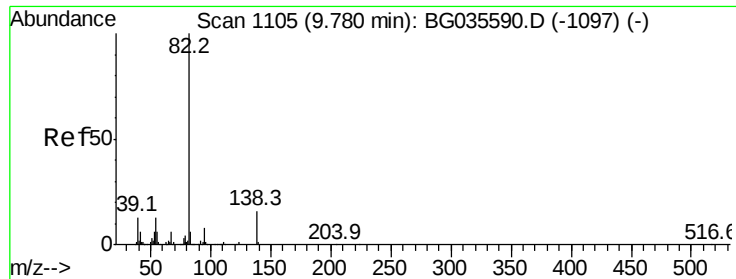
Tot Ion: 82 Resp: 244174
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.7 44.5
 54 43.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 2.030 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion: 77 Resp: 6084
 Ion Ratio Lower Upper
 77 100
 123 47.1 33.0 49.6
 65 7.9 13.0 19.6#





#25

Isophorone

Concen: 1.653 ng

RT: 9.76 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampled :

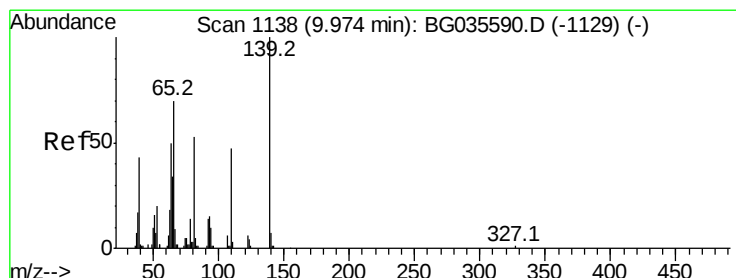
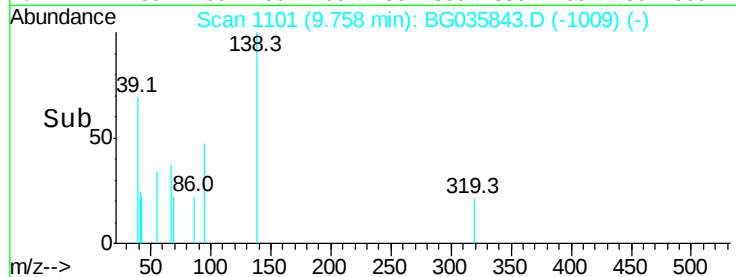
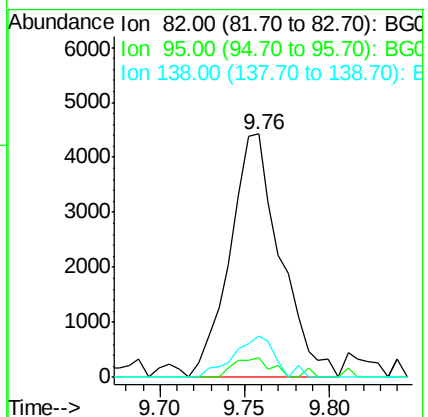
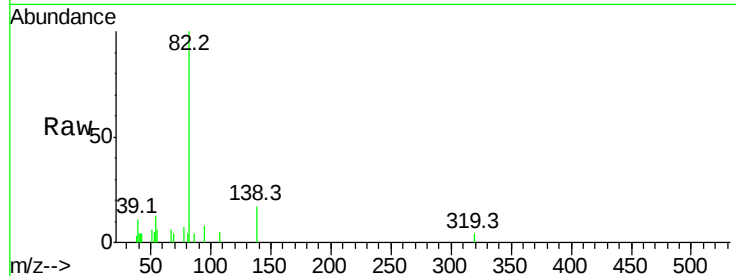
Tot Ion: 82 Resp: 9145

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 16.8 12.1 18.1



#26

2-Nitrophenol

Concen: 1.504 ng

RT: 9.95 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

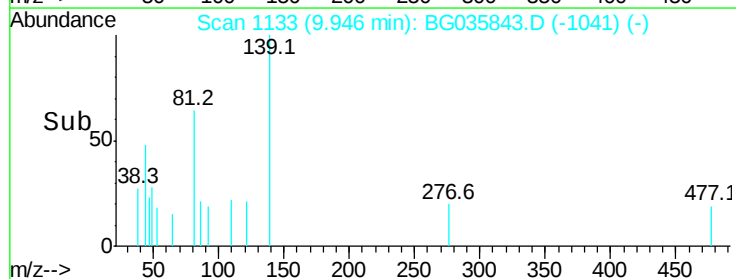
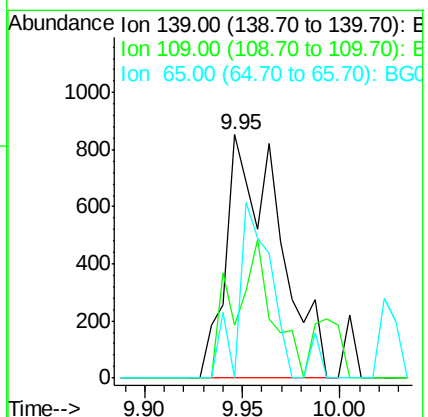
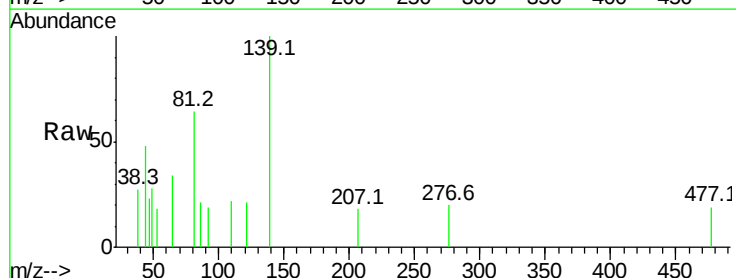
Tgt Ion: 139 Resp: 1601

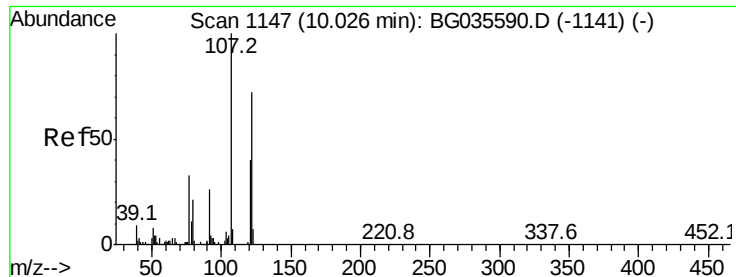
Ion Ratio Lower Upper

139 100

109 21.7 24.2 36.2#

65 0.0 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 1.444 ng

RT: 10.03 min Scan# 1148

Delta R.T. 0.03 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

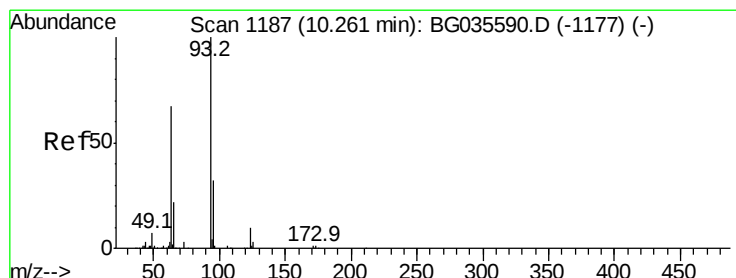
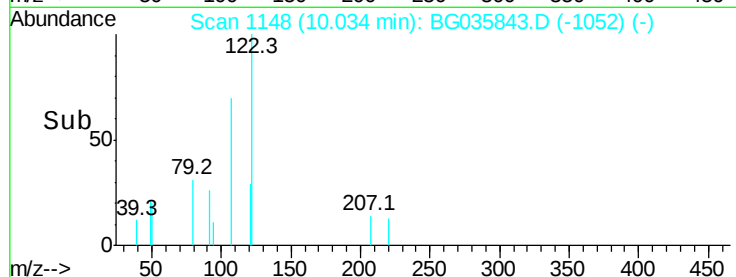
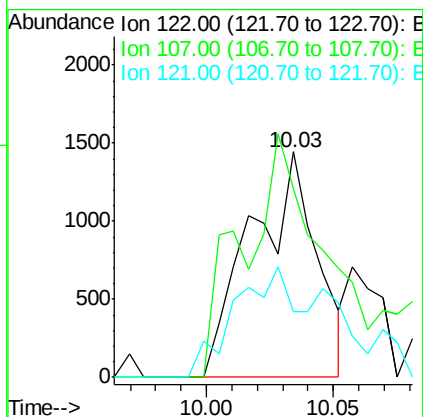
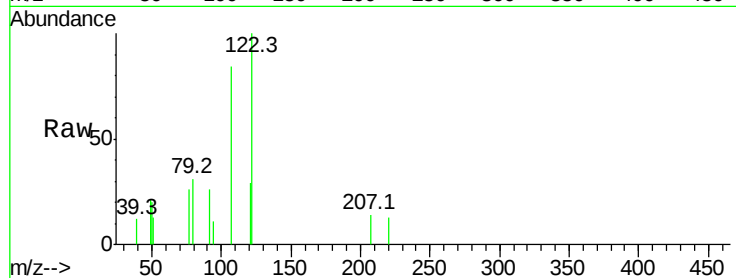
Tot Ion:122 Resp: 2601

Ion Ratio Lower Upper

122 100

107 83.9 100.2 150.2#

121 29.2 44.4 66.6#



#28

bis(2-Chloroethoxy)methane

Concen: 1.309 ng

RT: 10.25 min Scan# 1185

Delta R.T. 0.02 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

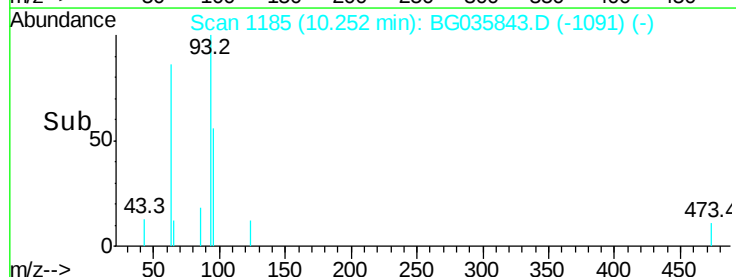
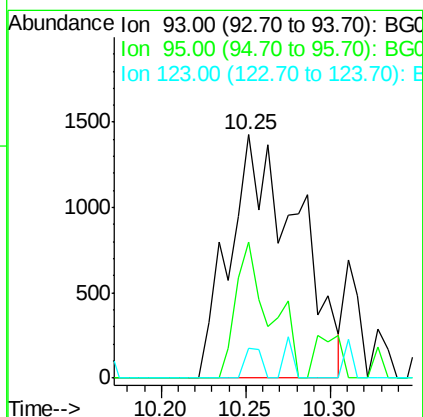
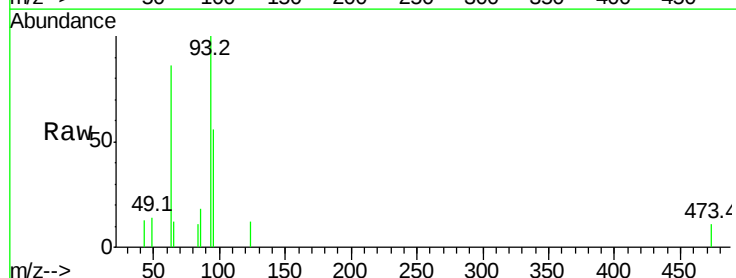
Tgt Ion: 93 Resp: 3991

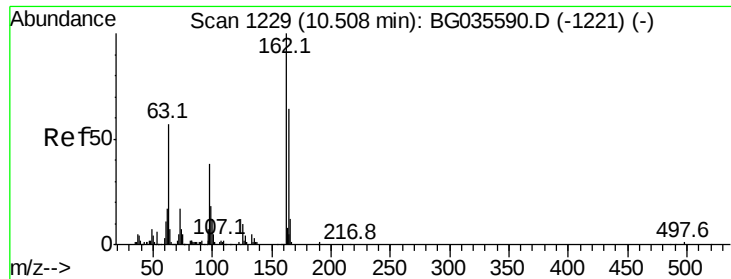
Ion Ratio Lower Upper

93 100

95 56.0 24.3 36.5#

123 12.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 0.742 ng

RT: 10.53 min Scan# 1233

Delta R.T. 0.05 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

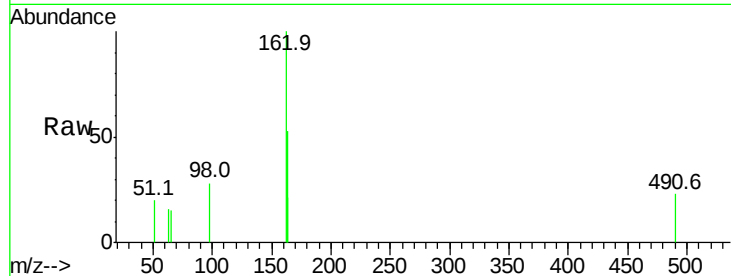
Tot Ion:162 Resp: 1526

Ion Ratio Lower Upper

162 100

164 52.6 48.0 88.0

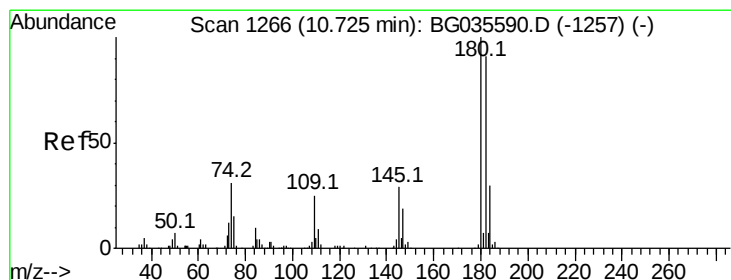
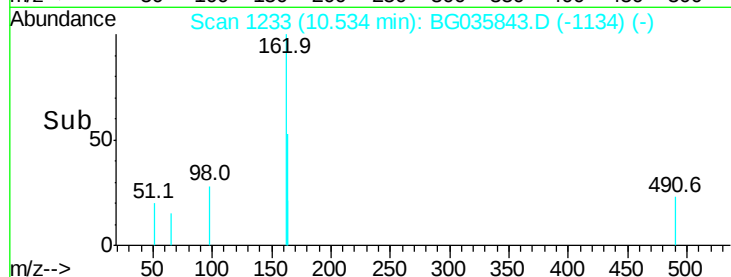
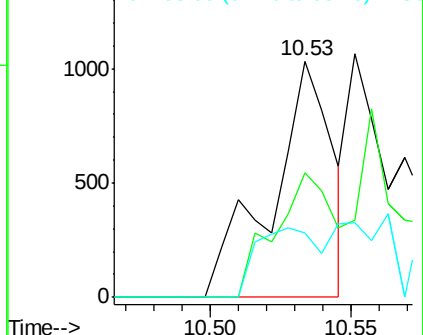
98 27.5 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 2.361 ng

RT: 10.69 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

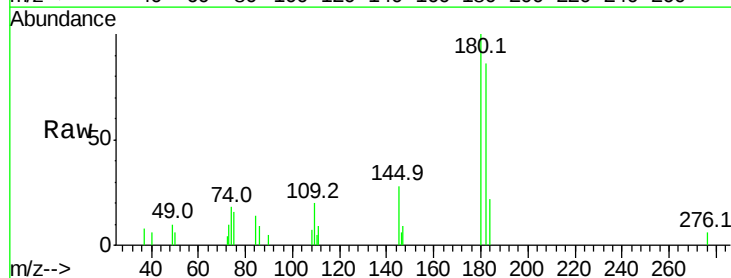
Tgt Ion:180 Resp: 5954

Ion Ratio Lower Upper

180 100

182 85.5 77.5 116.3

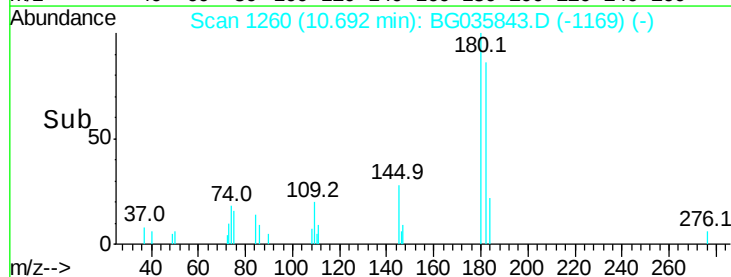
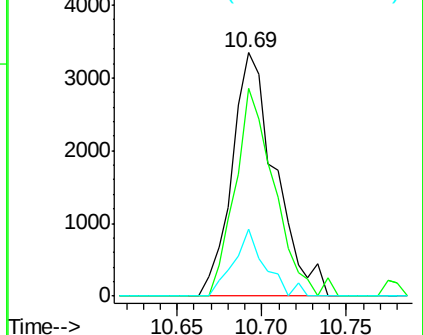
145 27.5 23.4 35.2

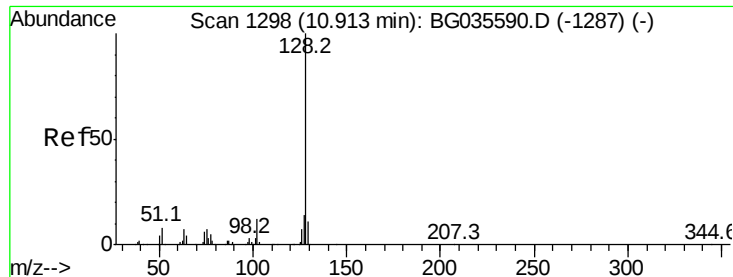


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

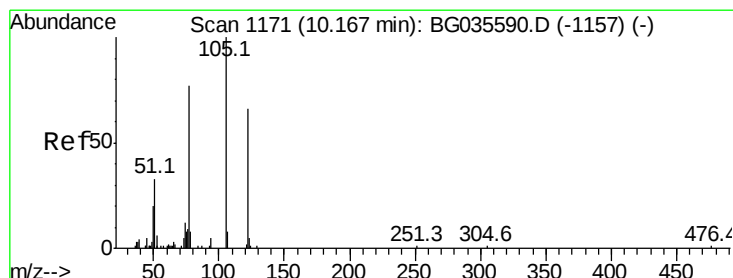
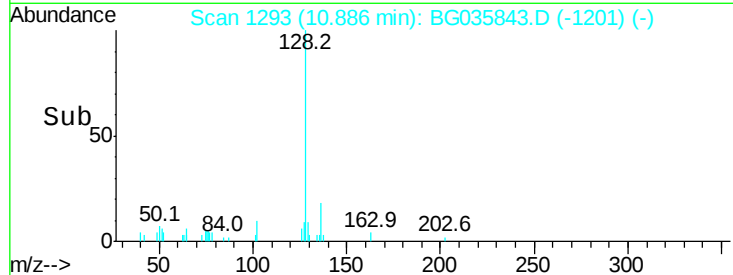
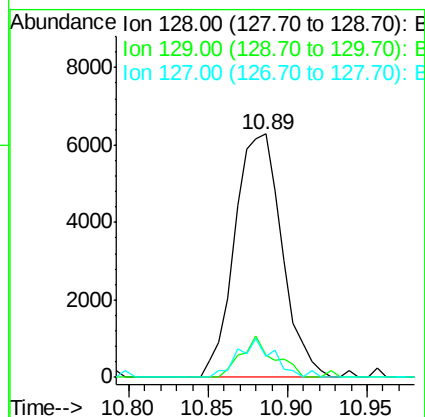
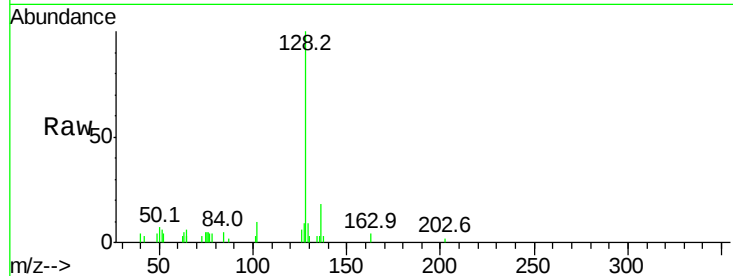




#31
Naphthalene
Concen: 2.006 ng
RT: 10.89 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

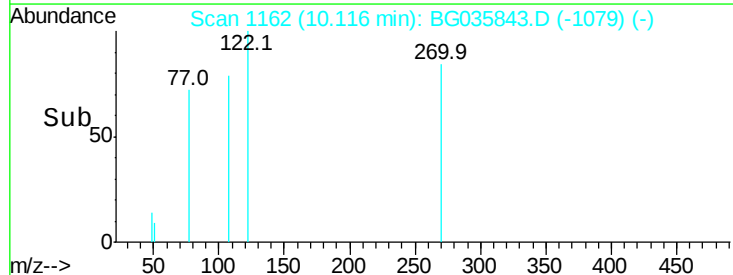
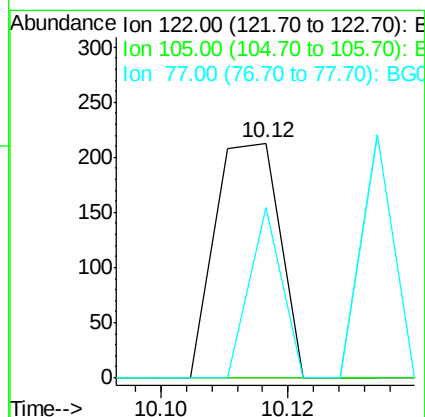
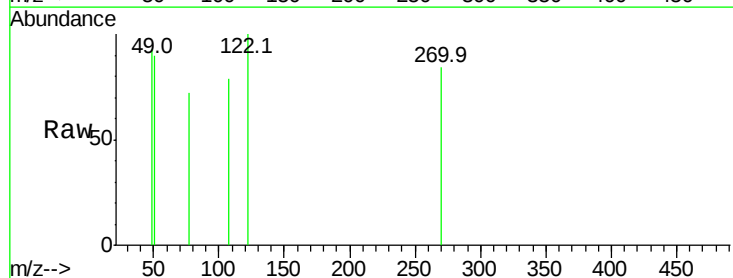
Instrument :
BNA_G
ClientSampleId :

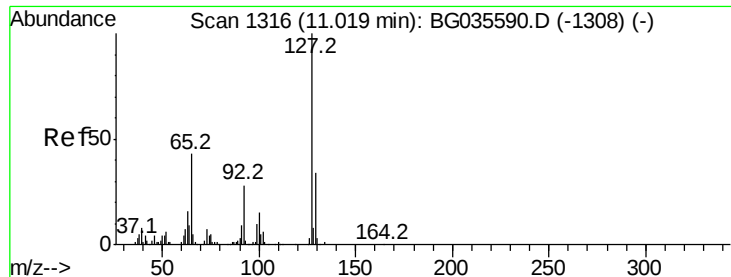
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.1	8.6	12.8
127	8.6	11.6	17.4#



#32
Benzoic acid
Concen: 0.122 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	72.3	85.7	125.7#

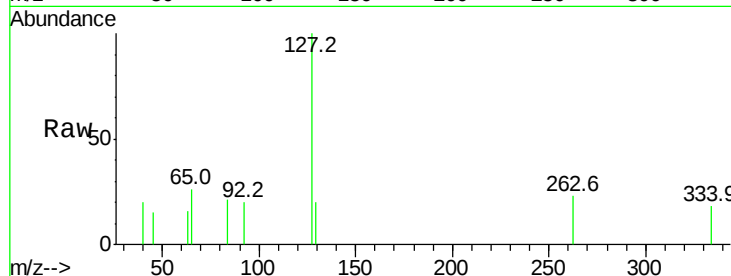




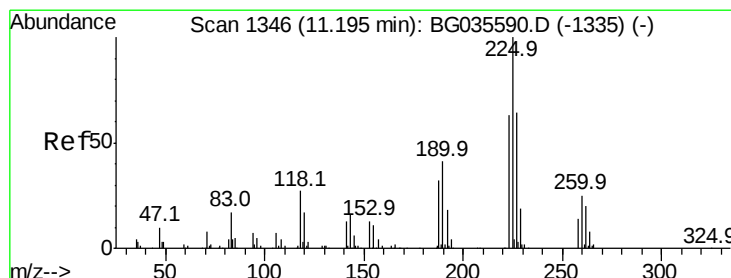
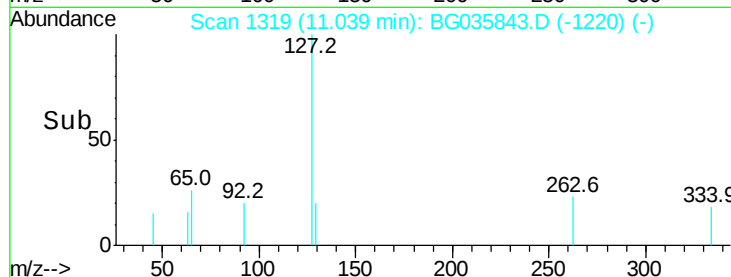
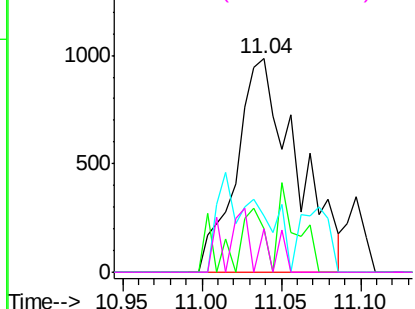
#33
4-Chloroaniline
Concen: 0.922 ng
RT: 11.04 min Scan# 1319
Delta R.T. 0.05 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	2606
Ion	Ratio	Lower Upper
127	100	
129	20.3	24.0 36.0#
65	26.4	27.0 40.4#
92	20.3	16.6 25.0

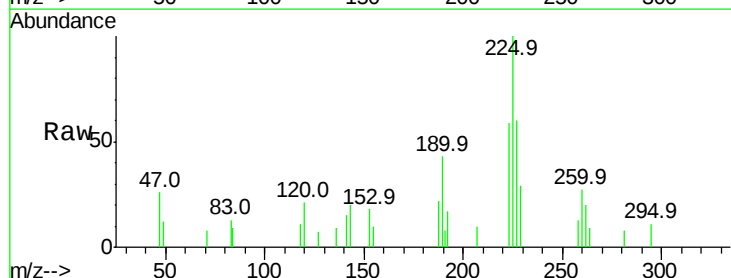


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

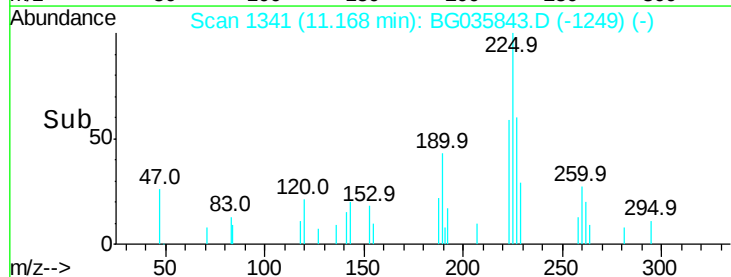
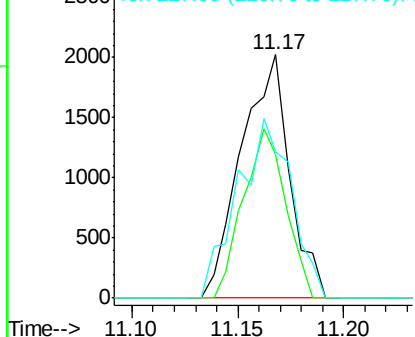


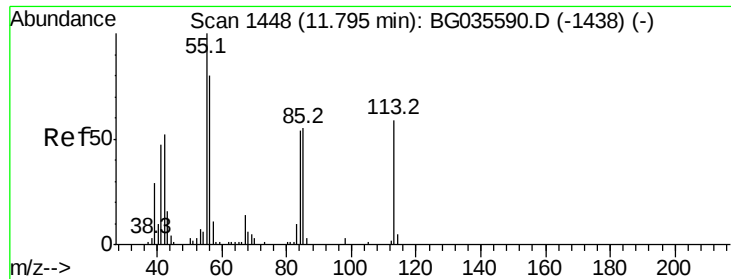
#34
Hexachlorobutadiene
Concen: 1.630 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion:225	Resp:	3206
Ion	Ratio	Lower Upper
225	100	
223	59.2	49.7 74.5
227	60.1	48.1 72.1



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

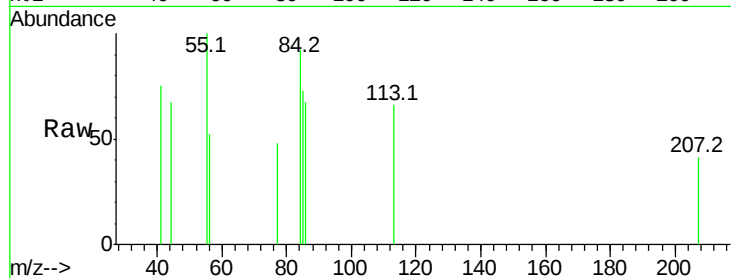




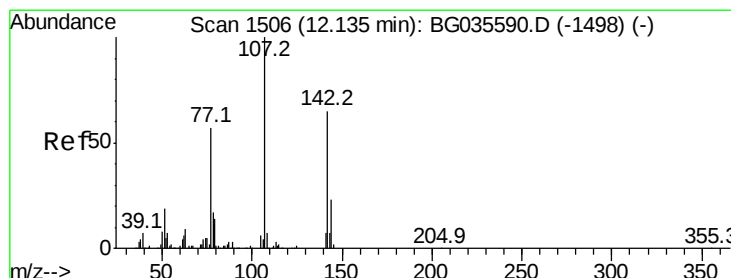
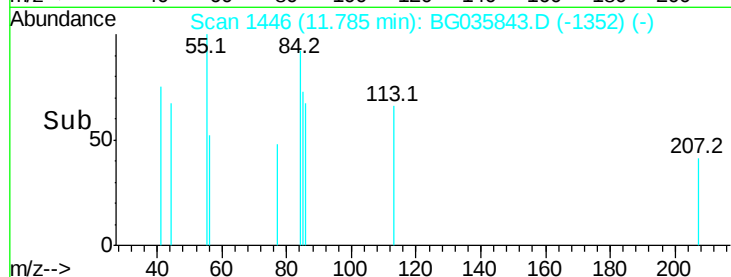
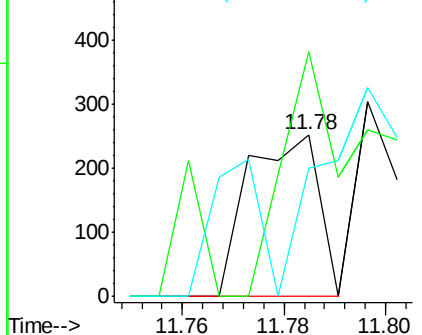
#35
Caprolactam
Concen: 0.272 ng
RT: 11.78 min Scan# 1446
Delta R.T. 0.02 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 240
Ion Ratio Lower Upper
113 100
55 151.2 186.9 226.9#
56 79.4 130.9 170.9#

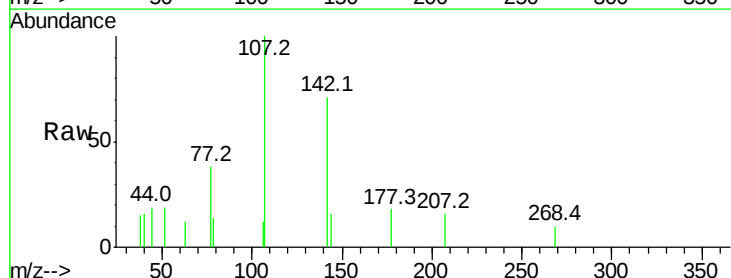


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

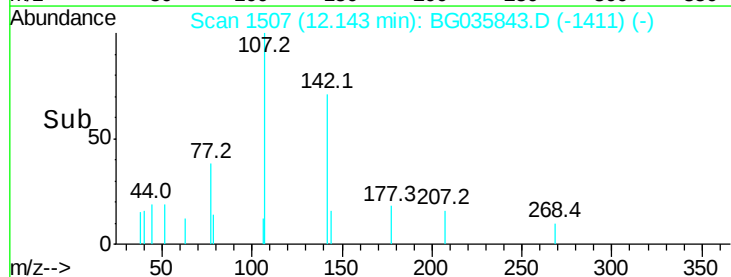
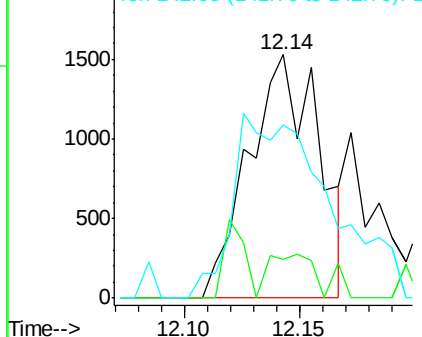


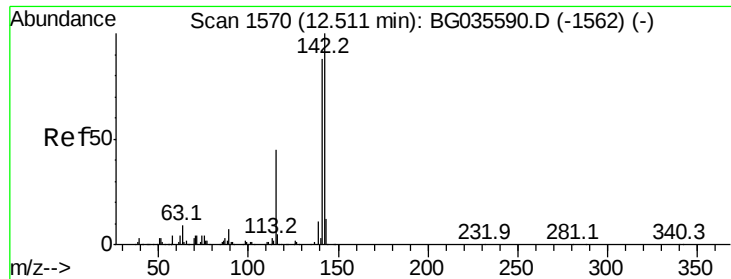
#36
4-Chloro-3-methylphenol
Concen: 1.170 ng
RT: 12.14 min Scan# 1507
Delta R.T. 0.03 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion:107 Resp: 3224
Ion Ratio Lower Upper
107 100
144 15.7 18.2 27.4#
142 71.1 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

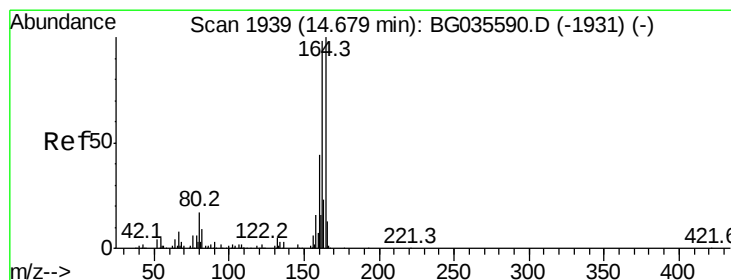
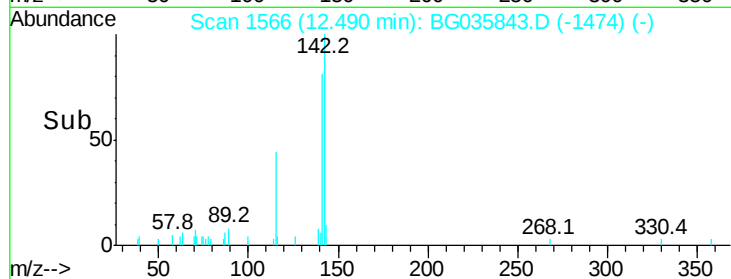
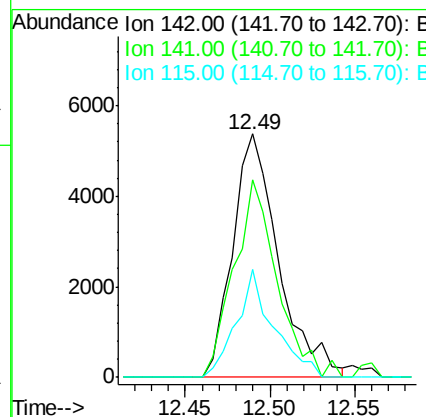
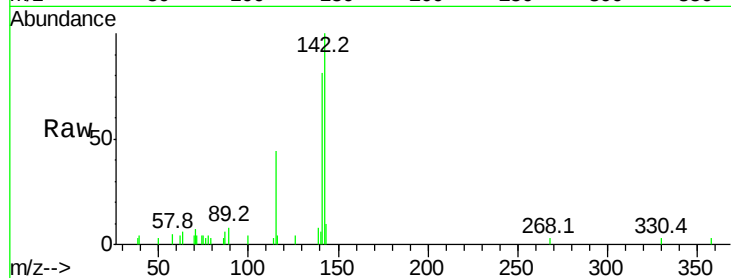




#37
2-Methylnaphthalene
Concen: 2.106 ng
RT: 12.49 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

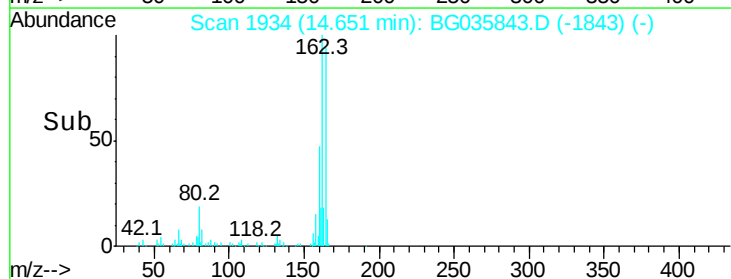
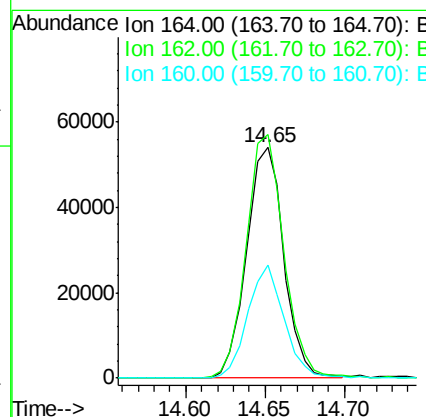
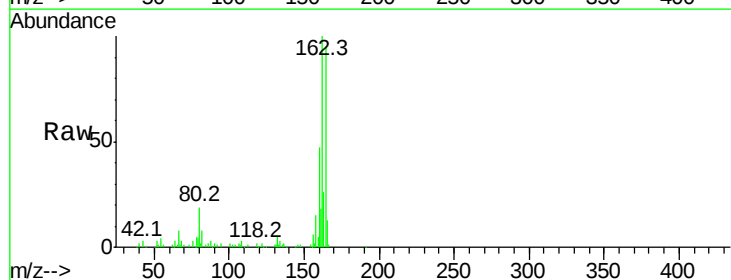
Instrument :
BNA_G
ClientSampleId :

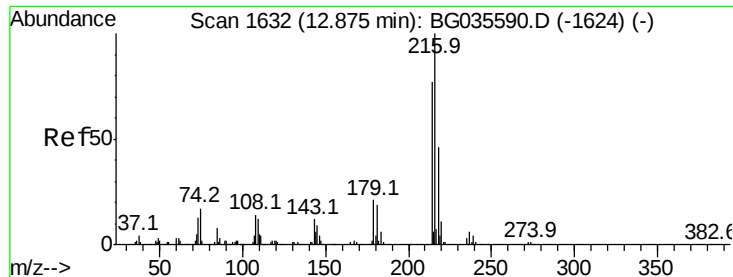
Tot Ion	Ratio	Lower	Upper
142	100		
141	81.1	67.1	100.7
115	44.1	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	49.1	35.4	53.0

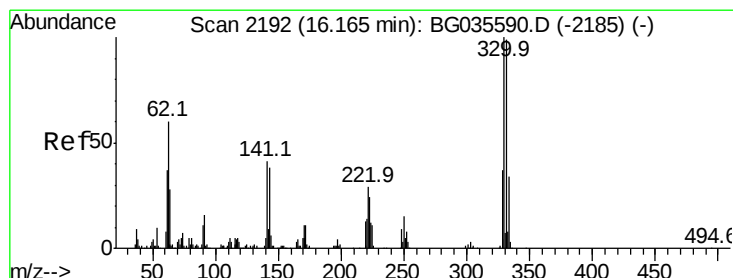
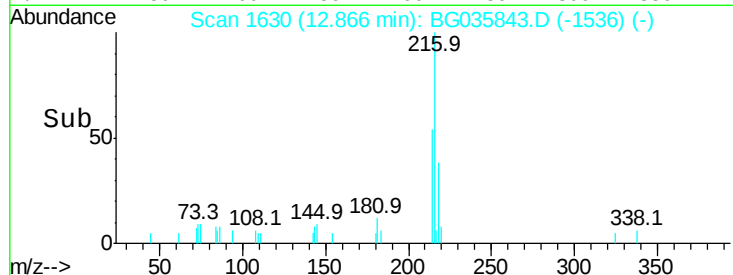
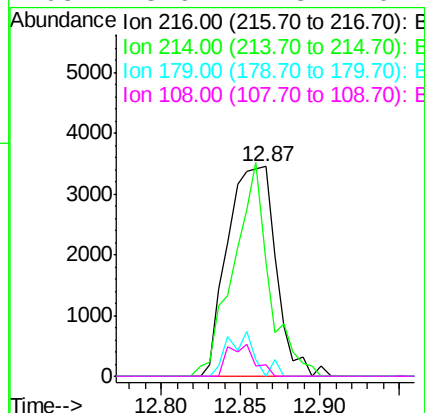
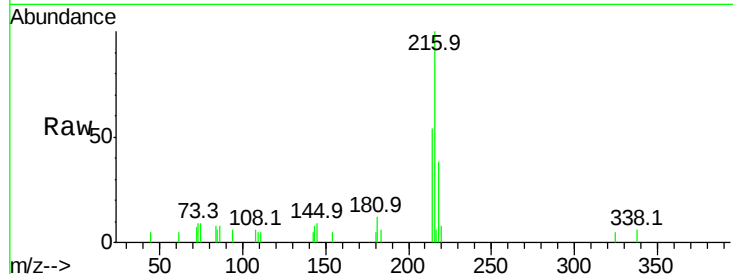




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.201 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. 0.02 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

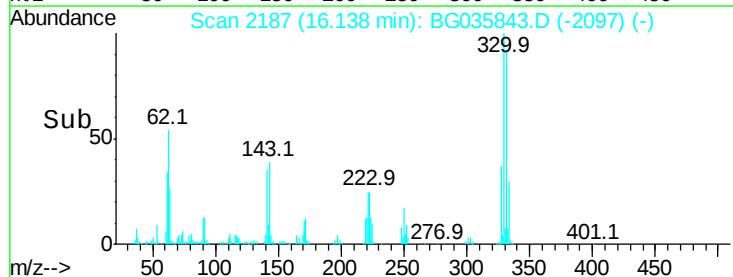
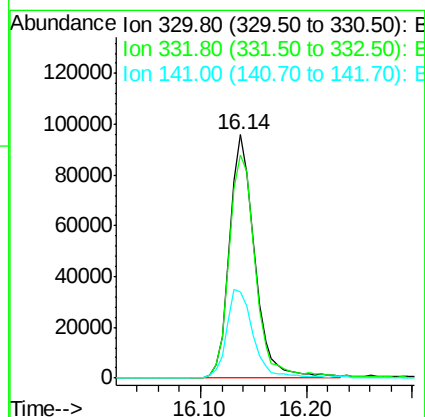
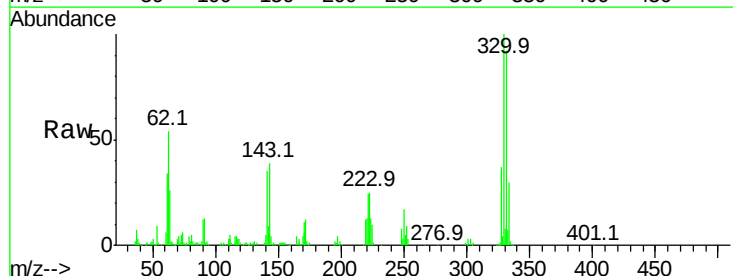
Instrument :
 BNA_G
 ClientSampled :

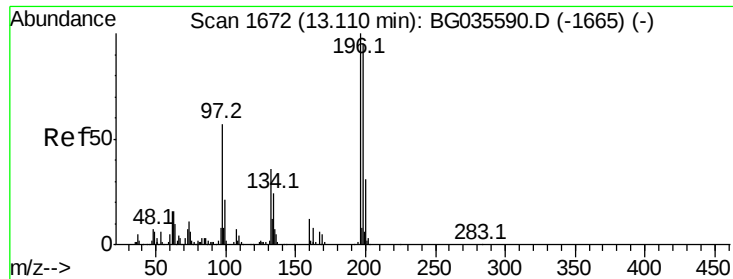
Tot Ion:216 Resp: 7314
 Ion Ratio Lower Upper
 216 100
 214 74.8 63.0 94.4
 179 12.2 17.0 25.6#
 108 8.6 12.8 19.2#



#41
 2,4,6-Tribromophenol
 Concen: 136.509 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion:330 Resp: 158388
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 38.4 25.2 37.8#

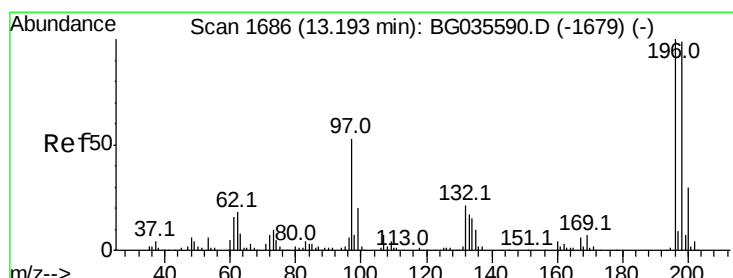
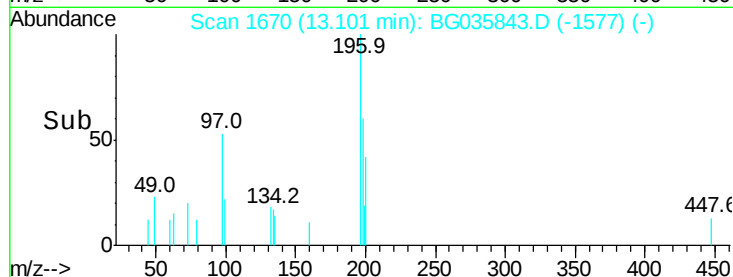
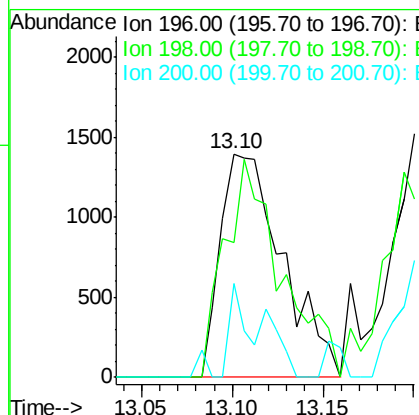
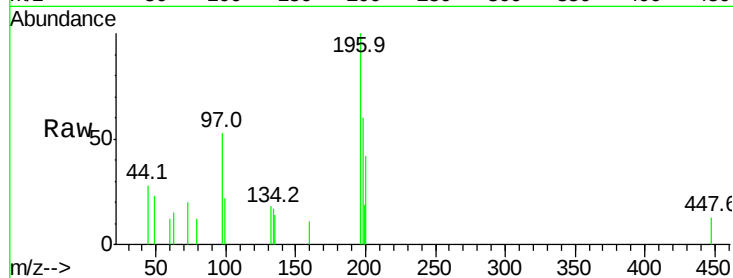




#42
 2,4,6-Trichlorophenol
 Concen: 1.709 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

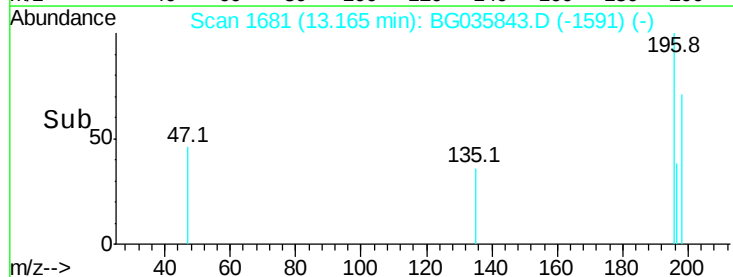
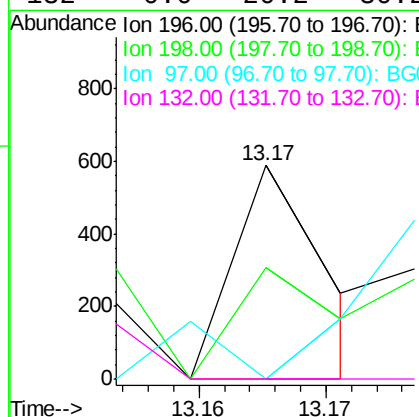
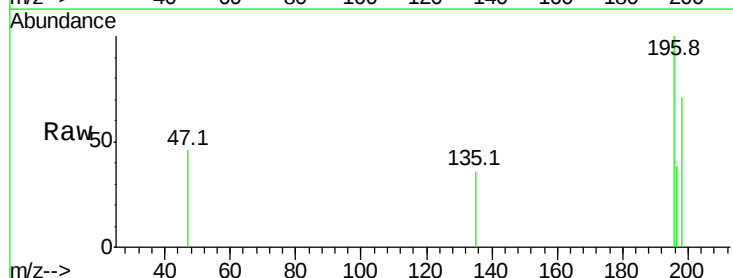
Instrument :
 BNA_G
 ClientSampleId :

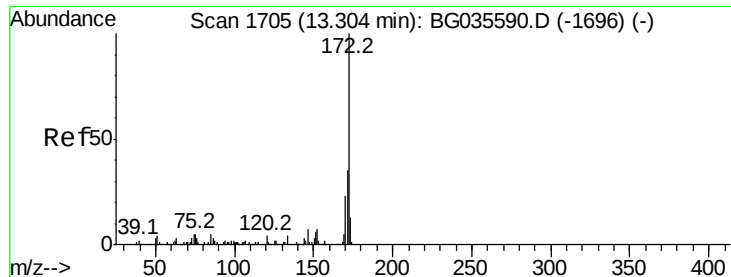
Tot Ion:196 Resp: 3321
 Ion Ratio Lower Upper
 196 100
 198 60.4 78.2 117.2#
 200 42.1 24.6 36.8#



#43
 2,4,5-Trichlorophenol
 Concen: 0.134 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion:196 Resp: 291
 Ion Ratio Lower Upper
 196 100
 198 52.0 76.2 114.4#
 97 0.0 38.7 58.1#
 132 0.0 20.2 30.2#

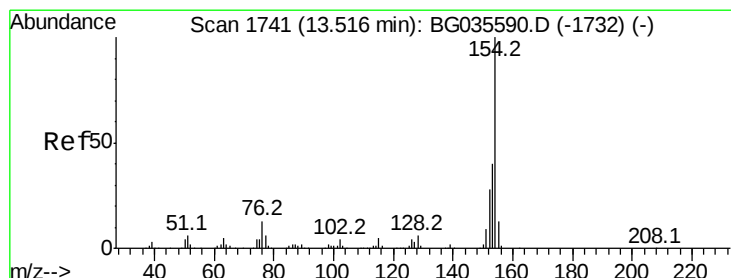
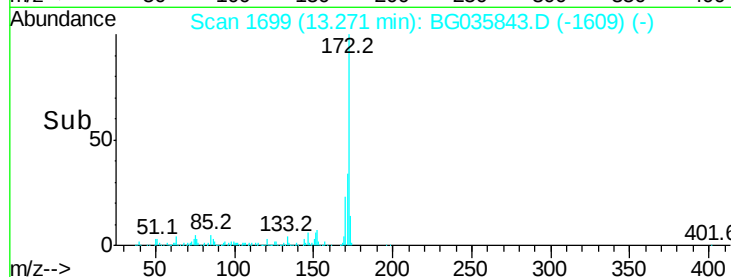
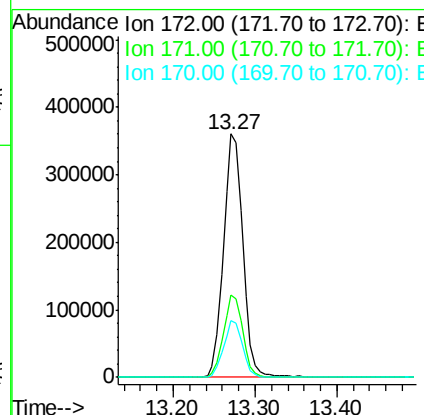
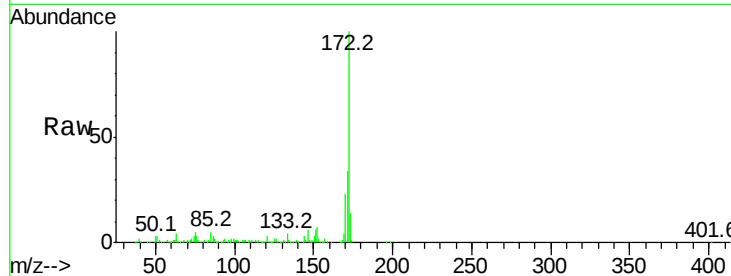




#44
 2-Fluorobiphenyl
 Concen: 90.578 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

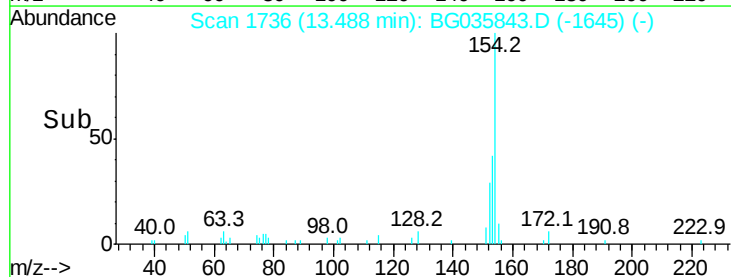
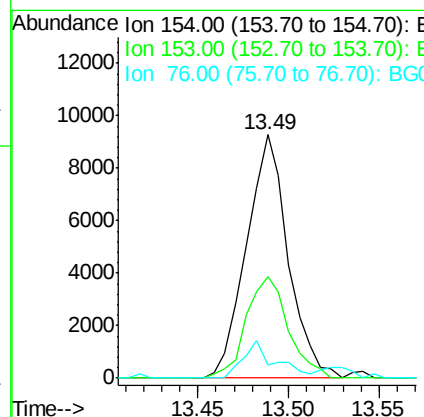
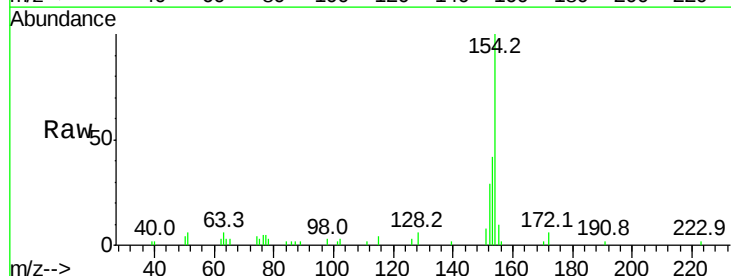
Instrument :
 BNA_G
 ClientSampled :

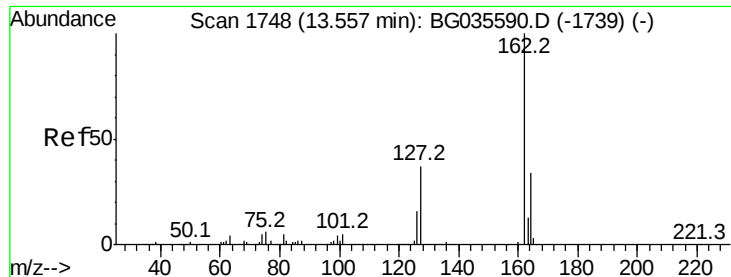
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.4	19.5	29.3



#45
 1,1'-Biphenyl
 Concen: 2.165 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	5.4	0.0	31.9

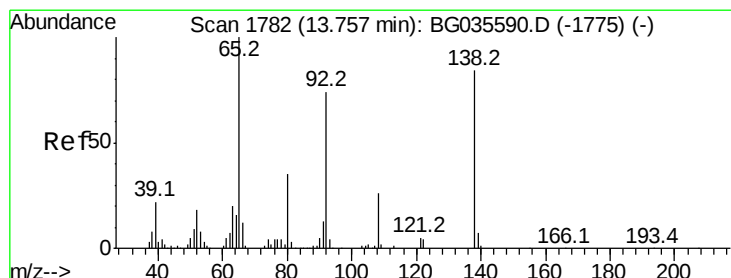
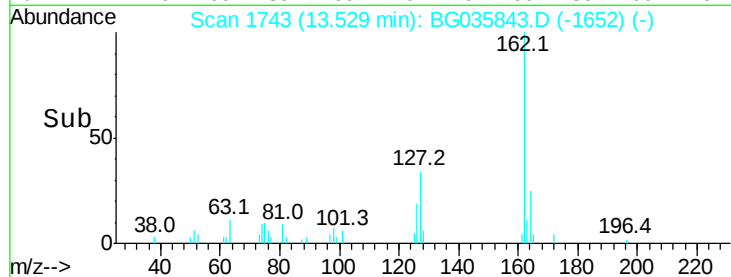
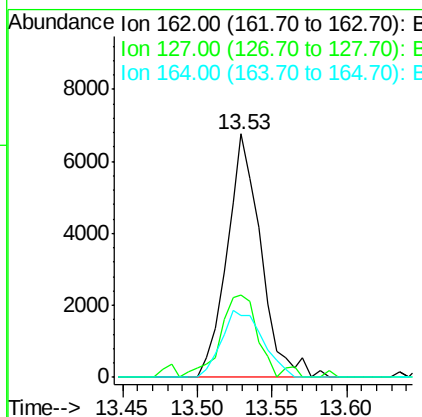
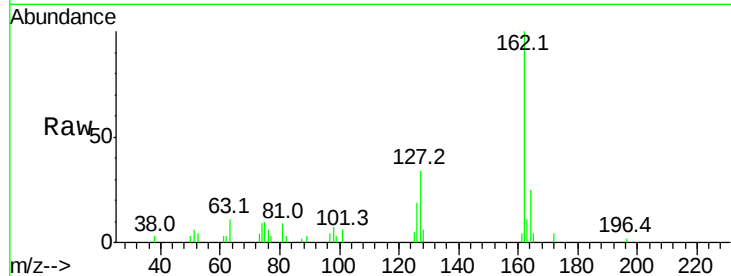




#46
 2-Chloronaphthalene
 Concen: 2.020 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

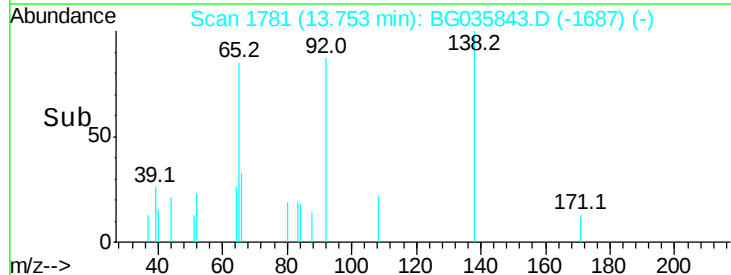
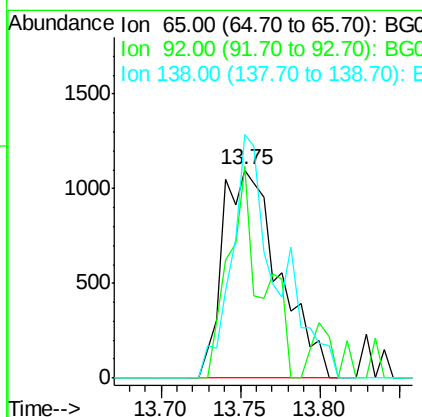
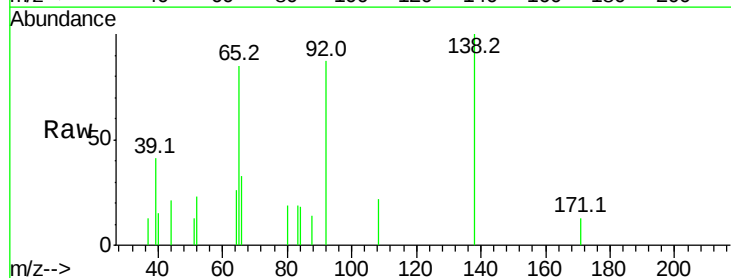
Instrument :
 BNA_G
 ClientSampleId :

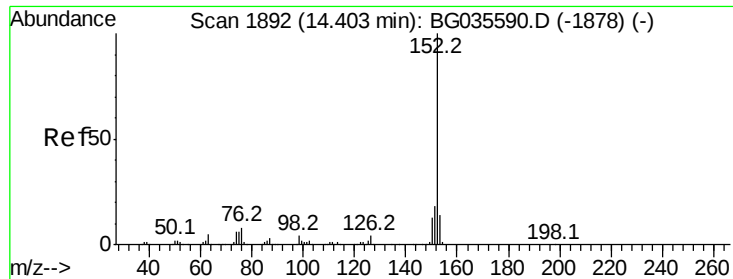
Tot Ion:162 Resp: 10722
 Ion Ratio Lower Upper
 162 100
 127 33.9 30.7 46.1
 164 25.4 26.0 39.0#



#47
 2-Nitroaniline
 Concen: 1.443 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. 0.02 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion: 65 Resp: 2708
 Ion Ratio Lower Upper
 65 100
 92 102.0 54.6 82.0#
 138 117.1 72.9 109.3#





#48

Acenaphthylene

Concen: 1.863 ng

RT: 14.38 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

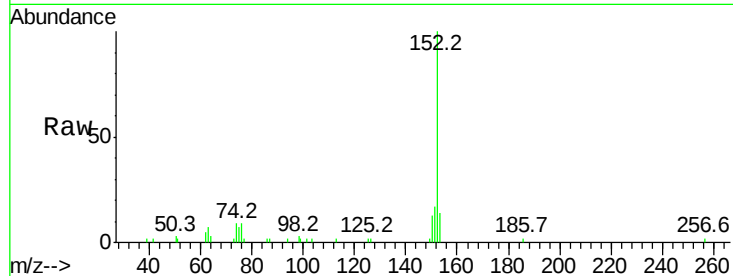
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 16571

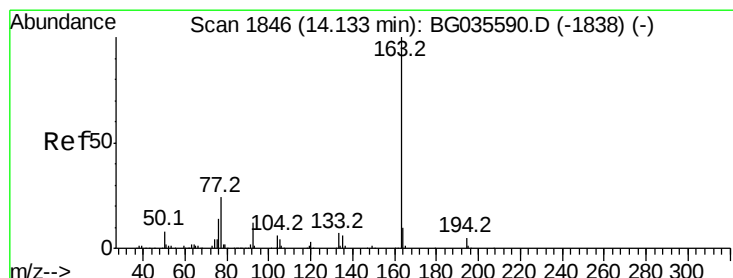
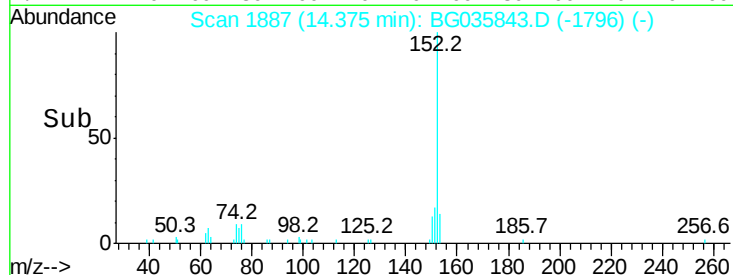
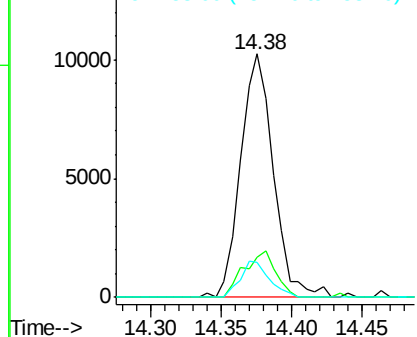
Ion	Ratio	Lower	Upper
152	100		
151	16.7	17.2	25.8#
153	14.2	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 1.850 ng

RT: 14.11 min Scan# 1841

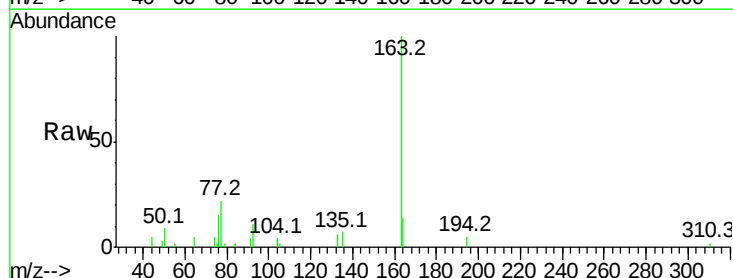
Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Tgt Ion:163 Resp: 14266

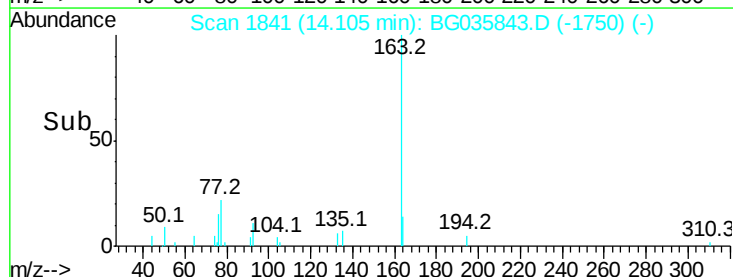
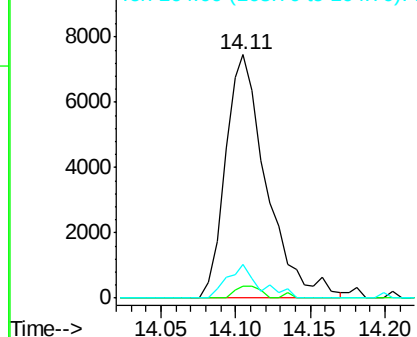
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	13.9	8.2	12.4#

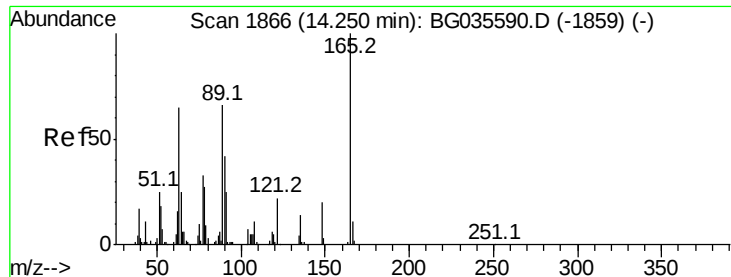


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

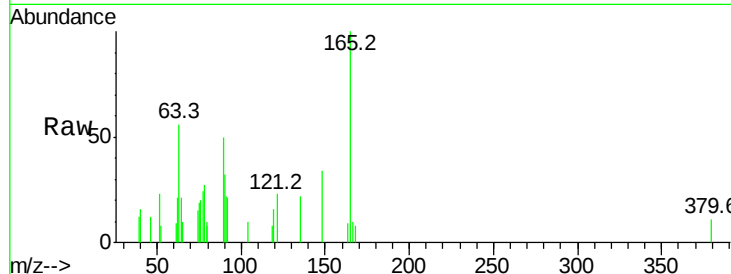




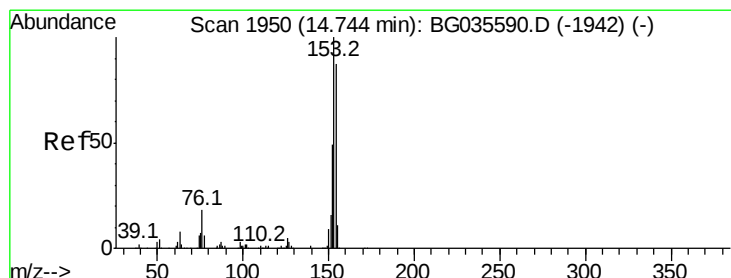
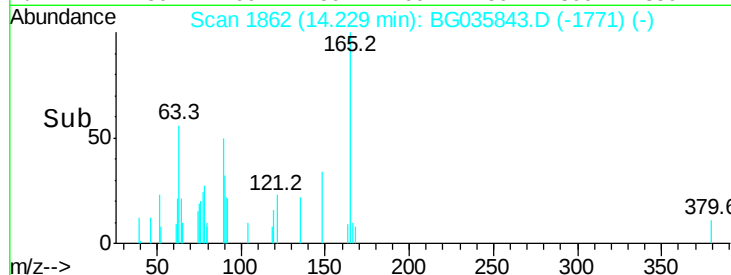
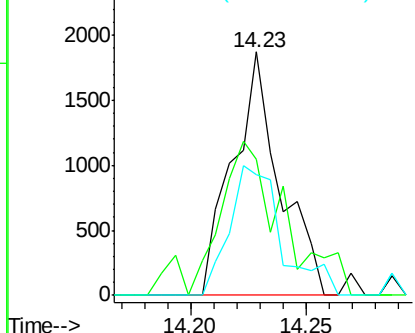
#50
 2,6-Dinitrotoluene
 Concen: 1.689 ng
 RT: 14.23 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 2652
 Ion Ratio Lower Upper
 165 100
 63 55.8 52.7 79.1
 89 49.7 49.2 73.8

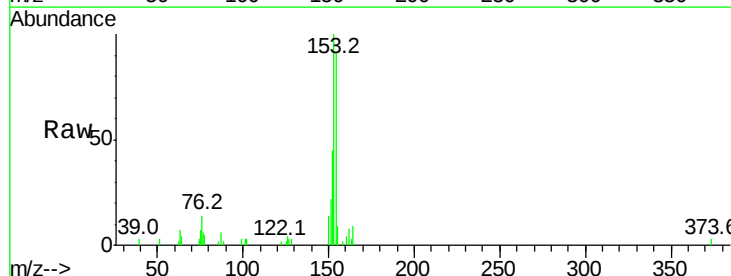


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

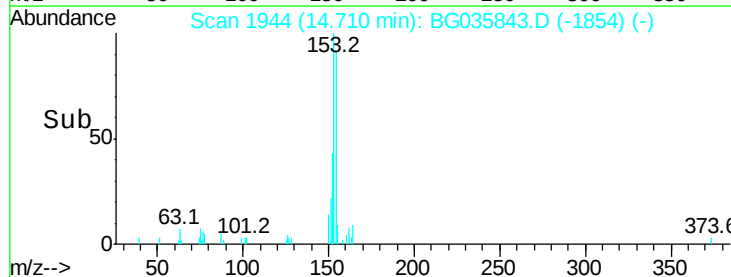
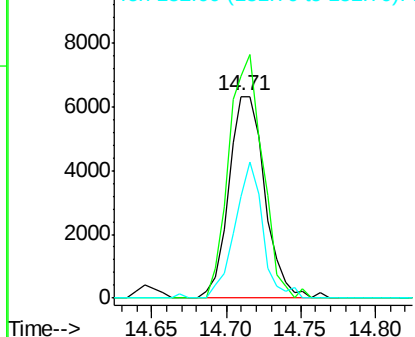


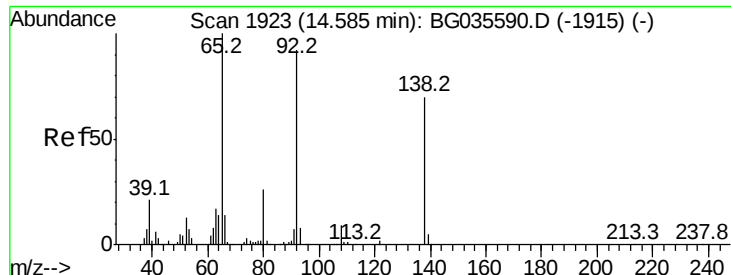
#51
 Acenaphthene
 Concen: 1.925 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion:154 Resp: 10666
 Ion Ratio Lower Upper
 154 100
 153 110.1 90.4 135.6
 152 50.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

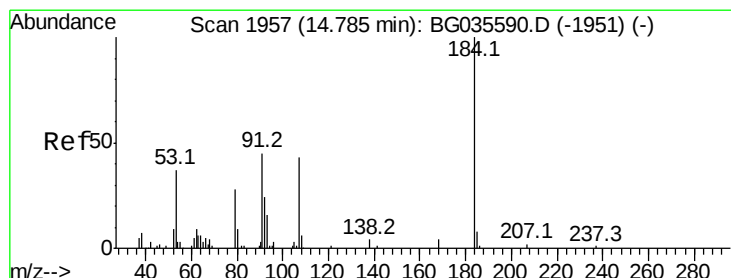
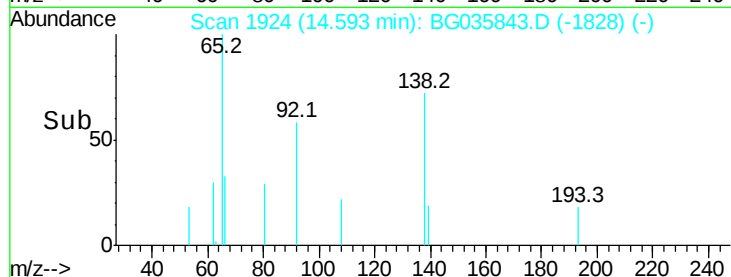
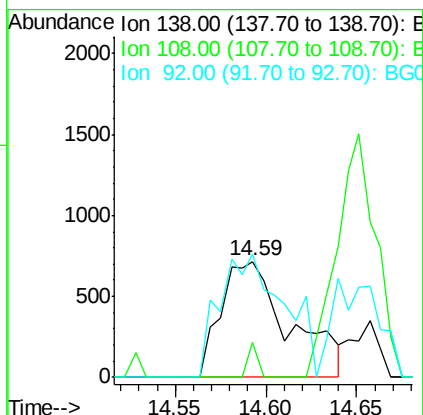
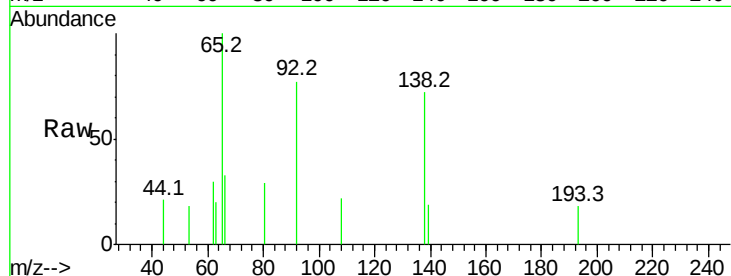




#52
3-Nitroaniline
Concen: 1.172 ng
RT: 14.59 min Scan# 1924
Delta R.T. 0.03 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

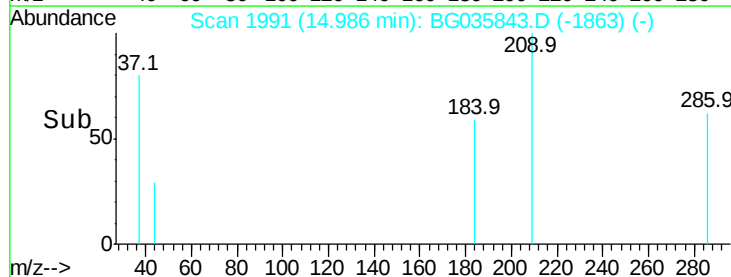
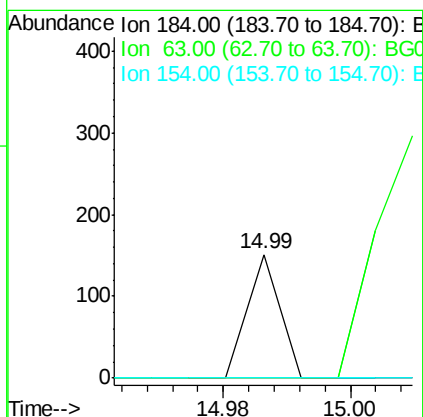
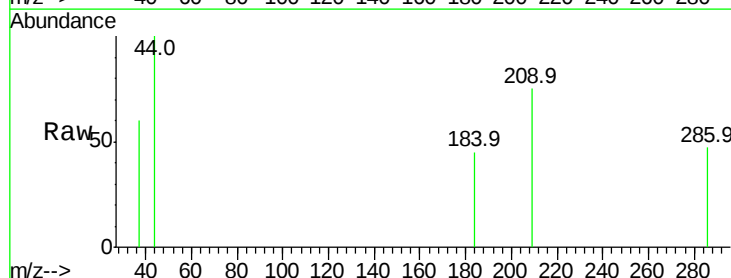
Instrument :
BNA_G
ClientSampleId :

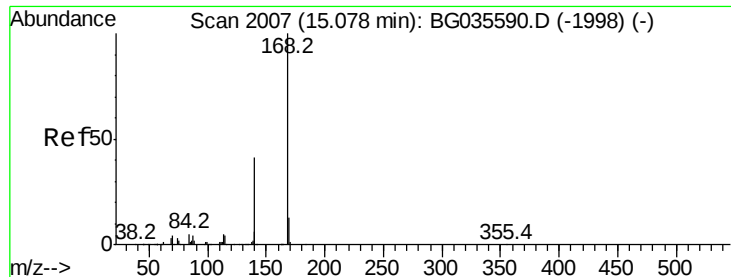
Tot Ion:138 Resp: 1882
Ion Ratio Lower Upper
138 100
108 30.4 17.5 26.3#
92 106.4 105.8 158.8



#53
2,4-Dinitrophenol
Concen: 6.642 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.22 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

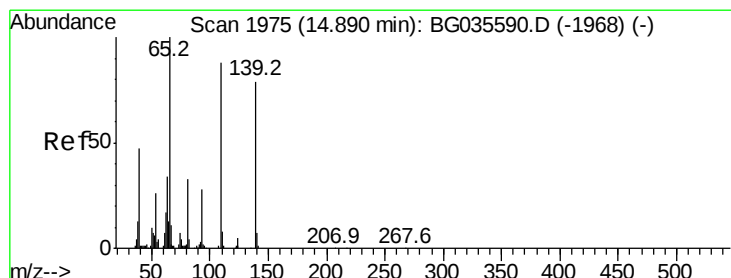
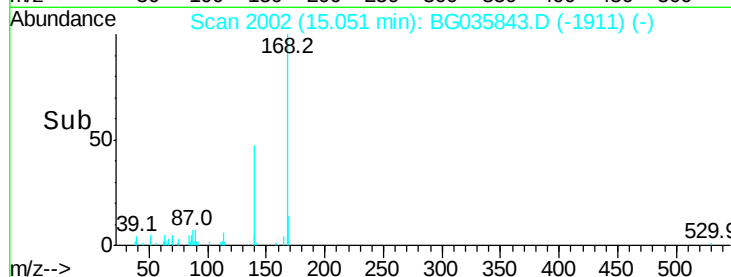
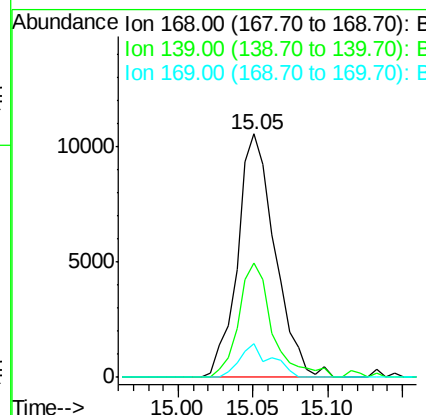
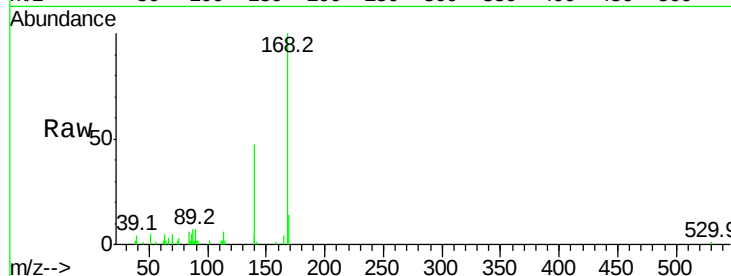




#54
Dibenzenofuran
Concen: 2.084 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

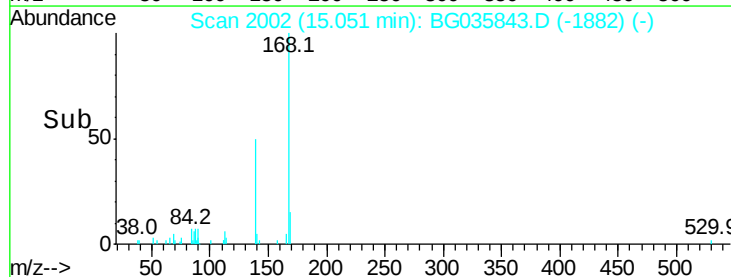
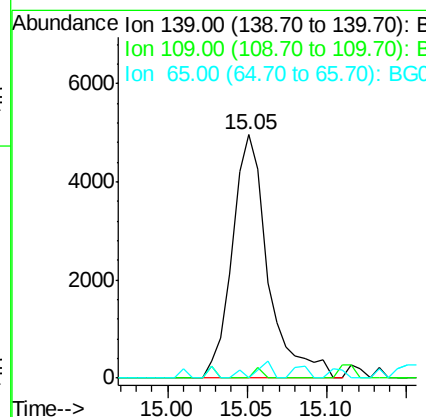
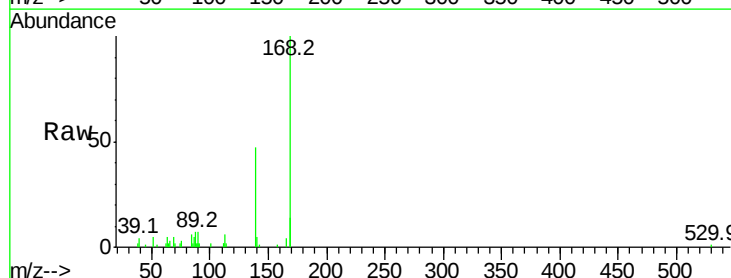
Instrument :
BNA_G
ClientSampleId :

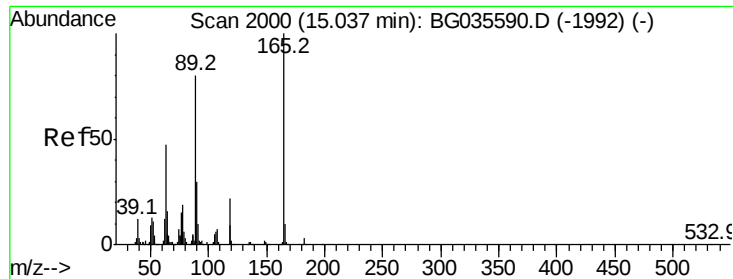
Tot Ion	Ratio	Lower	Upper
168	100		
139	47.1	28.6	43.0#
169	14.0	11.2	16.8



#55
4-Nitrophenol
Concen: 6.772 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.17 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

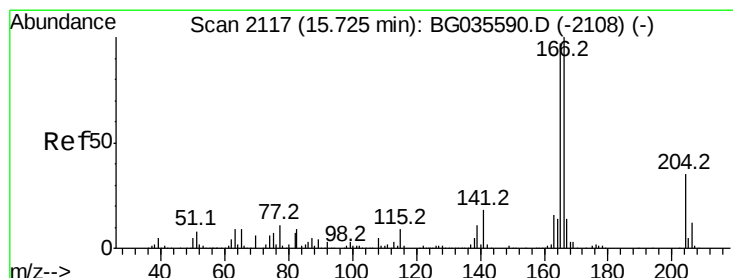
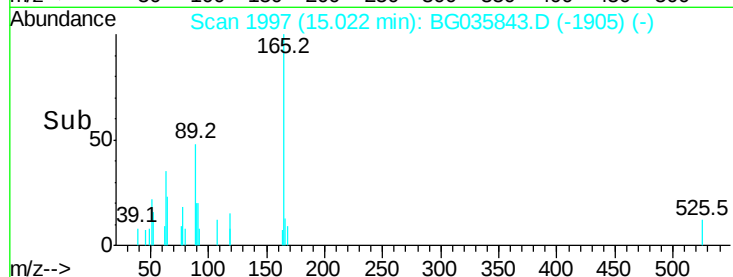
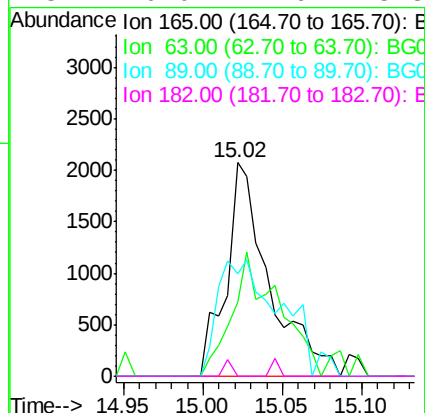
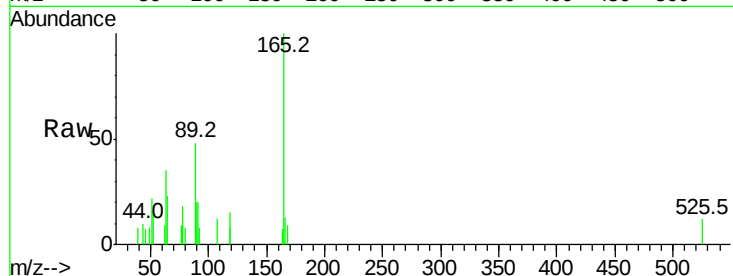




#56
2,4-Dinitrotoluene
Concen: 1.733 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

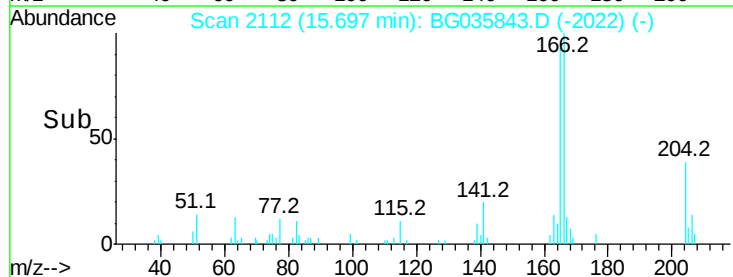
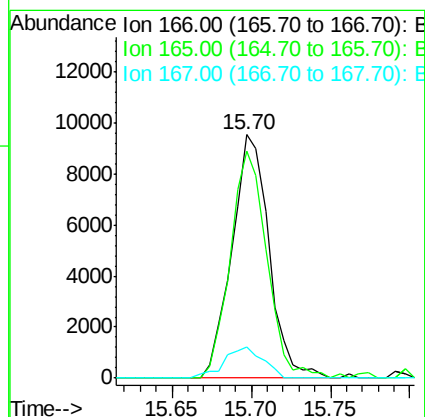
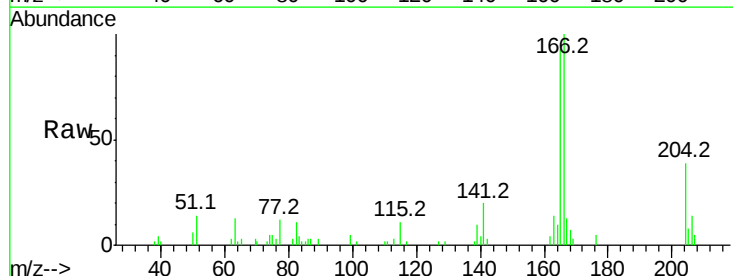
Instrument :
BNA_G
ClientSampleId :

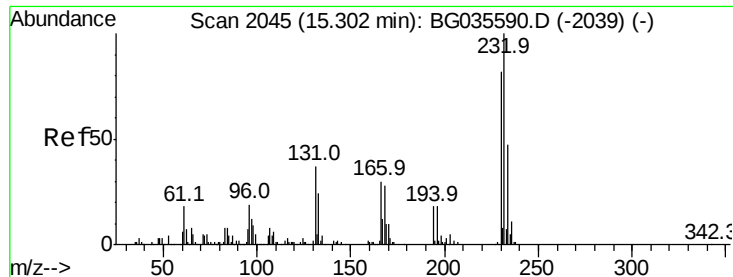
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	42.0	63.0#
89	48.1	66.9	100.3#
182	0.0	2.6	3.8#



#57
Fluorene
Concen: 2.095 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	80.6	121.0
167	12.6	10.4	15.6

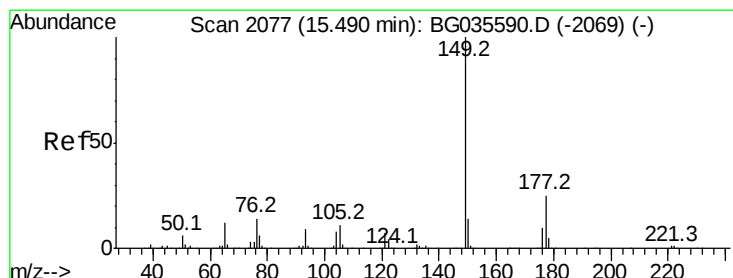
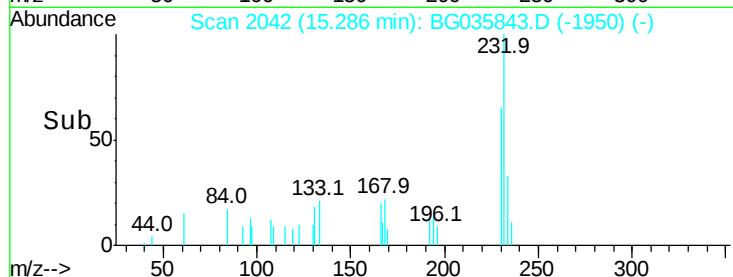
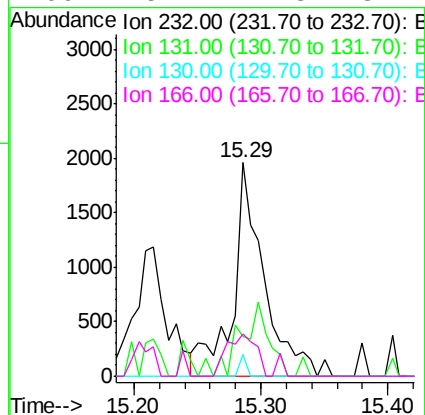
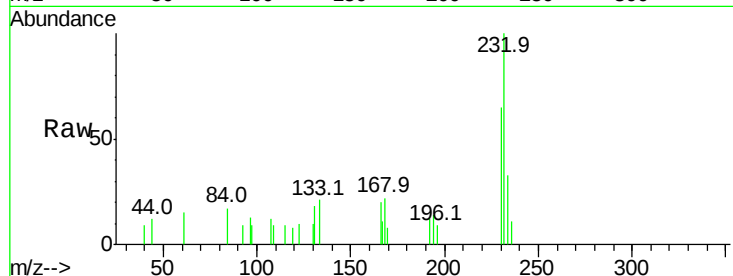




#58
2,3,4,6-Tetrachlorophenol
Concen: 1.584 ng
RT: 15.29 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

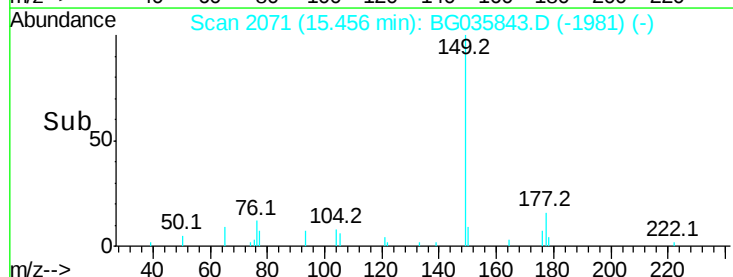
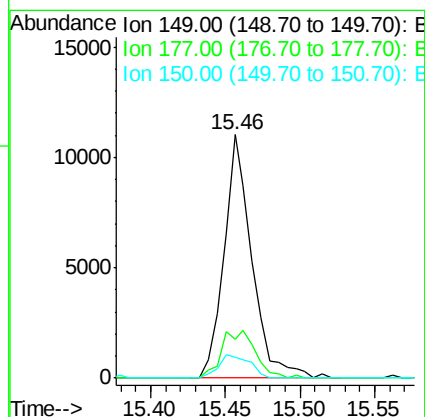
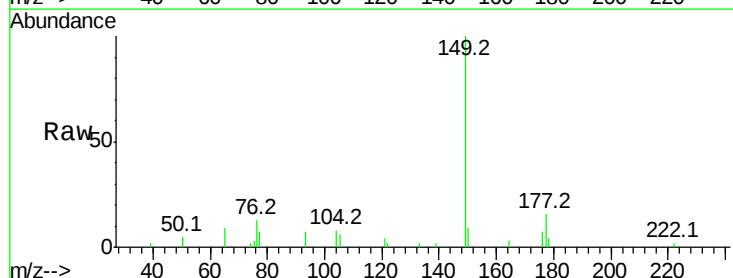
Instrument :
BNA_G
ClientSampled :

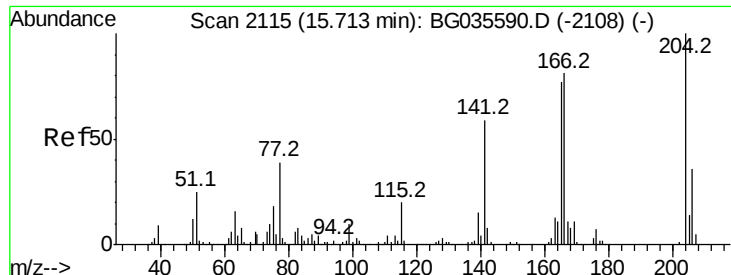
Tot Ion	Ratio	Lower	Upper
232	100		
131	30.8	33.5	50.3#
130	2.1	2.2	3.2#
166	18.7	24.8	37.2#



#59
Diethylphthalate
Concen: 1.824 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	16.0	18.5	27.7#
150	8.6	10.2	15.2#

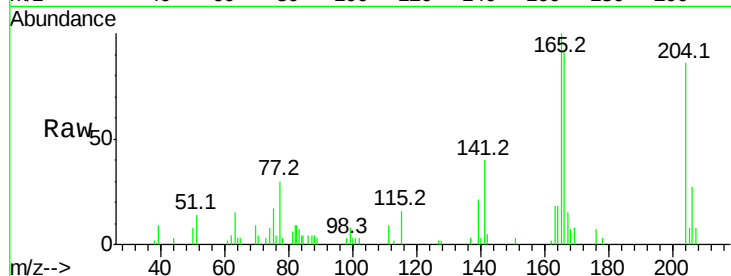




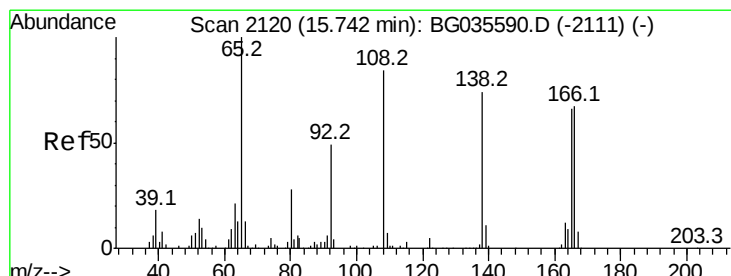
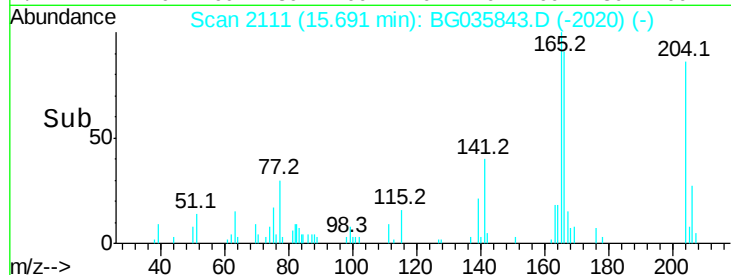
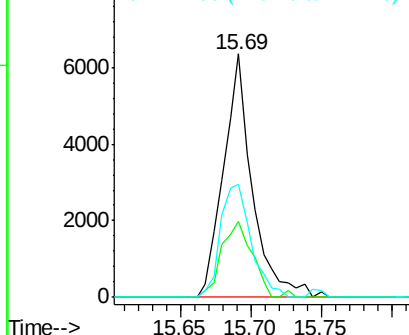
#60
4-Chlorophenyl-phenylether
Concen: 2.072 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 8991
Ion Ratio Lower Upper
204 100
206 31.0 26.2 39.2
141 46.4 45.8 68.6

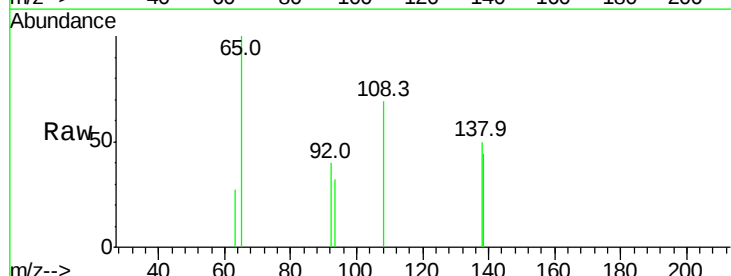


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

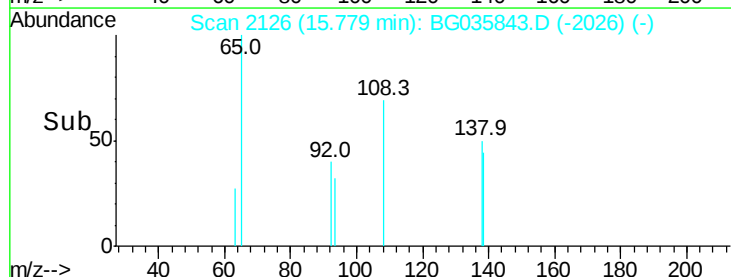
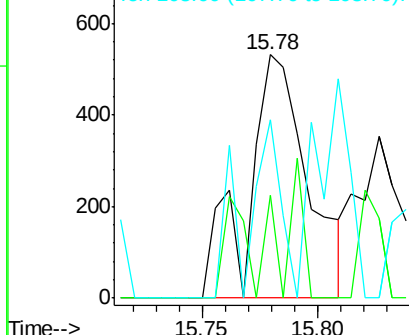


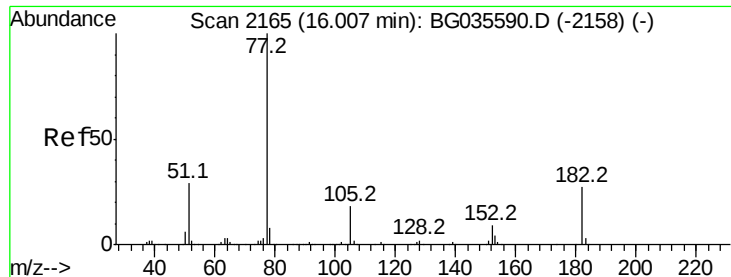
#61
4-Nitroaniline
Concen: 0.568 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.06 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion:138 Resp: 954
Ion Ratio Lower Upper
138 100
92 42.3 40.1 80.1
108 73.1 65.4 105.4



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





#62

Azobenzene

Concen: 1.825 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 14273

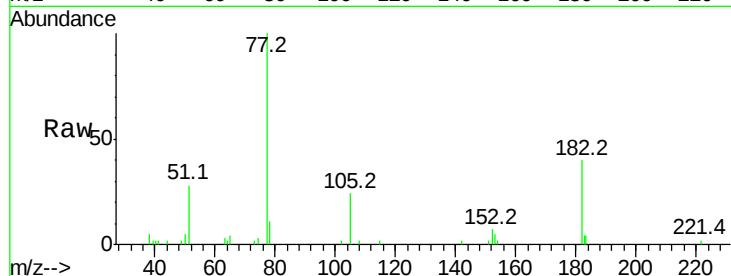
Ion Ratio Lower Upper

77 100

182 40.4 7.4 47.4

105 24.2 0.3 40.3

51 28.2 11.6 51.6

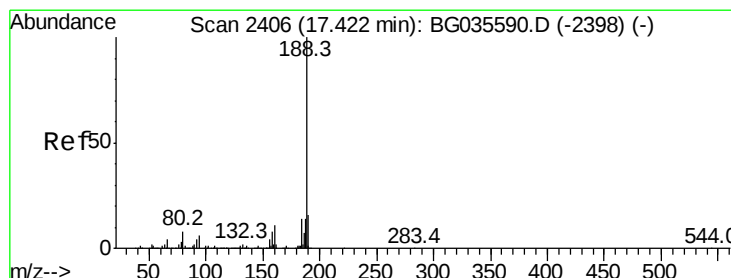
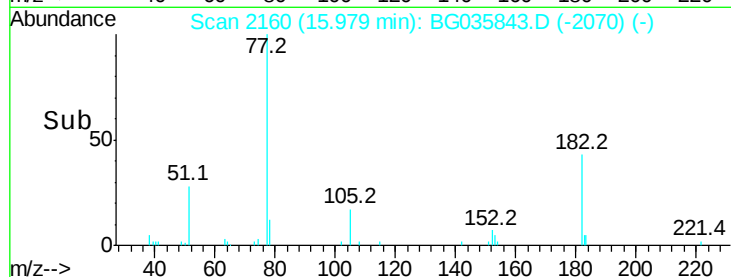
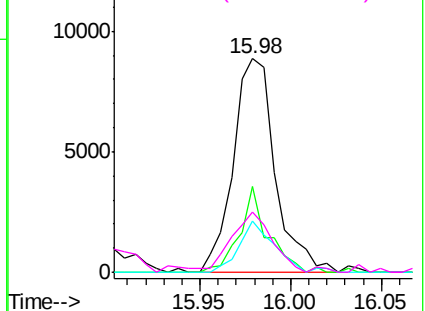


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

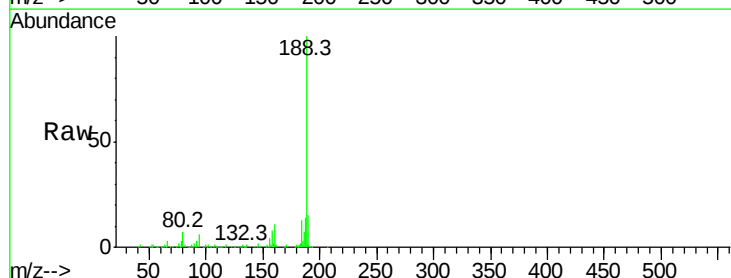
Tgt Ion: 188 Resp: 256131

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

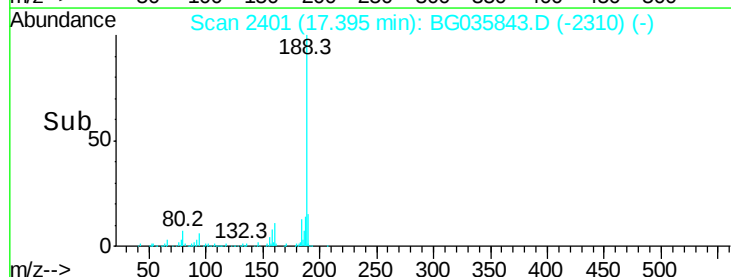
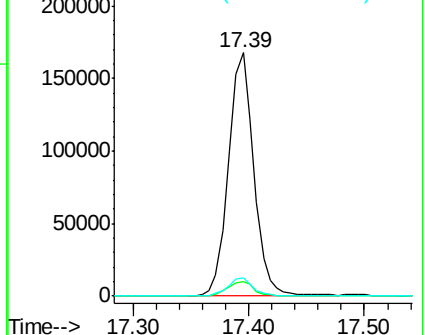
80 7.4 7.7 11.5#

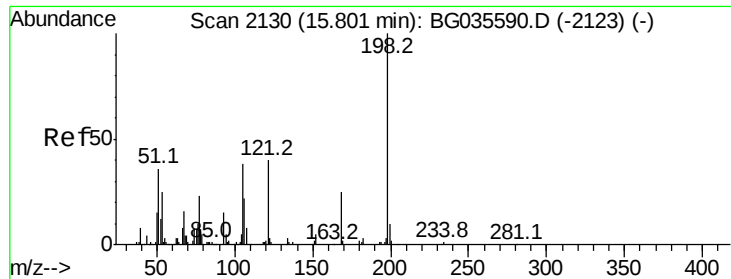


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

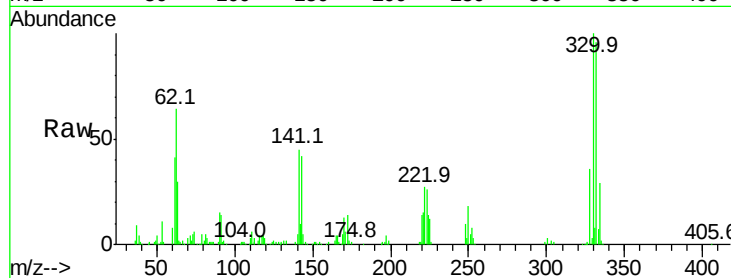




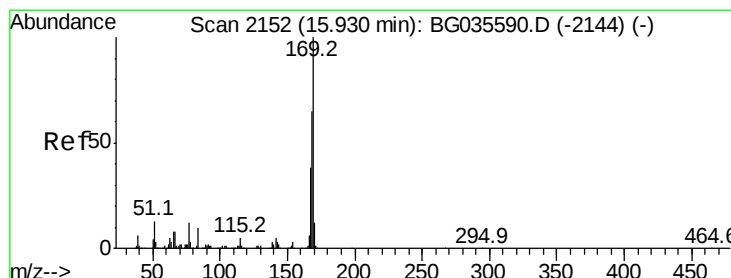
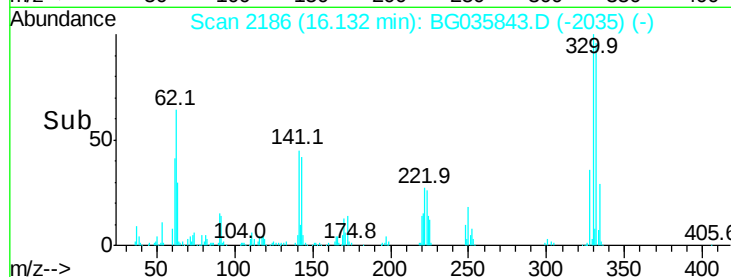
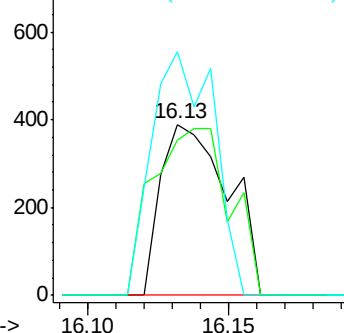
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.452 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. 0.36 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 644
 Ion Ratio Lower Upper
 198 100
 51 91.0 30.6 70.6#
 105 142.7 23.8 63.8#

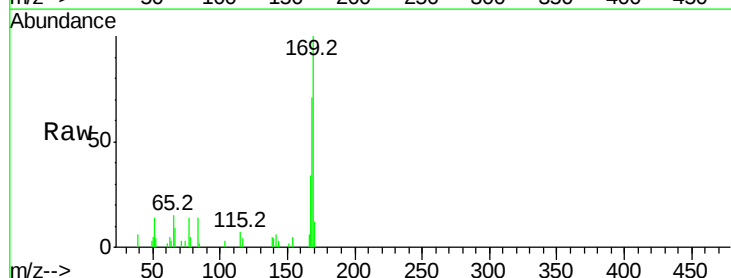


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

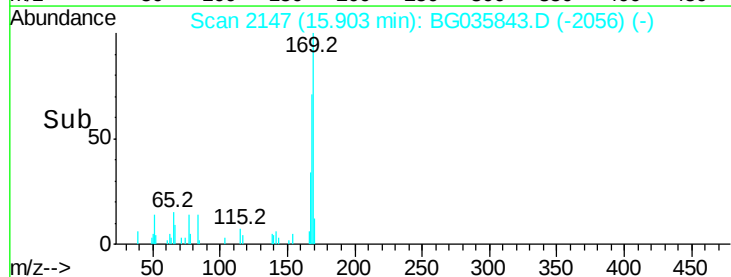
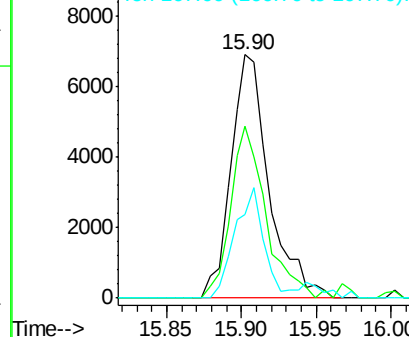


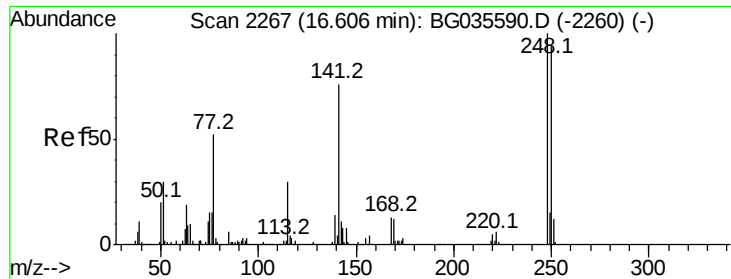
#65
 n-Nitrosodiphenylamine
 Concen: 1.689 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion:169 Resp: 12313
 Ion Ratio Lower Upper
 169 100
 168 70.7 55.7 83.5
 167 34.1 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

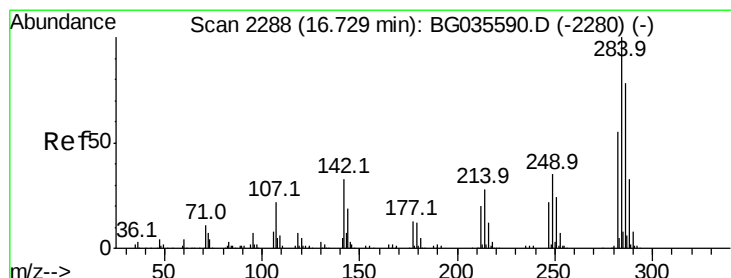
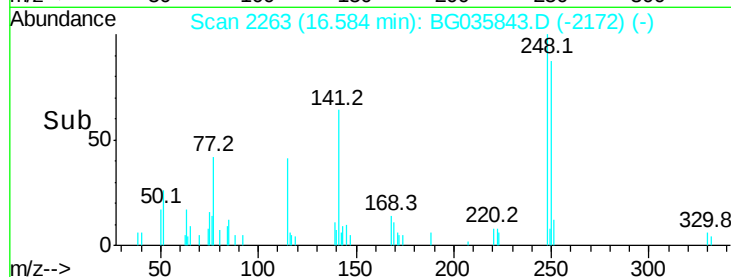
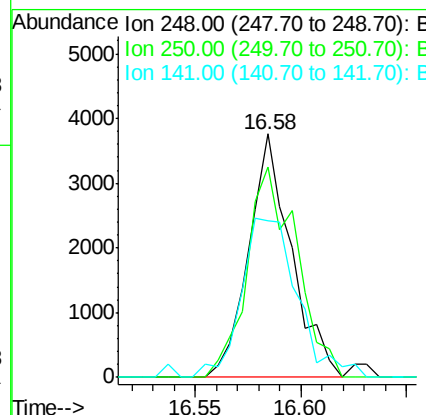
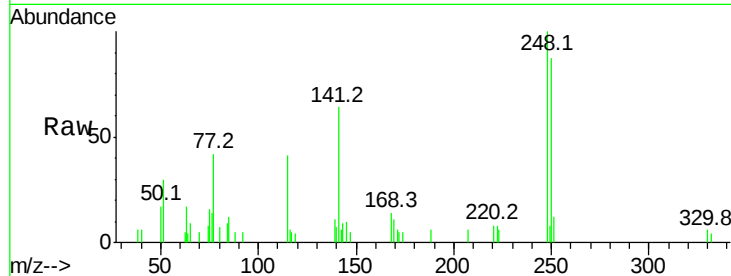




#66
4-Bromophenyl-phenylether
Concen: 1.768 ng
RT: 16.58 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

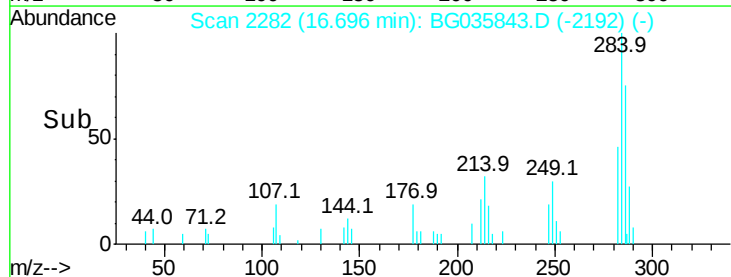
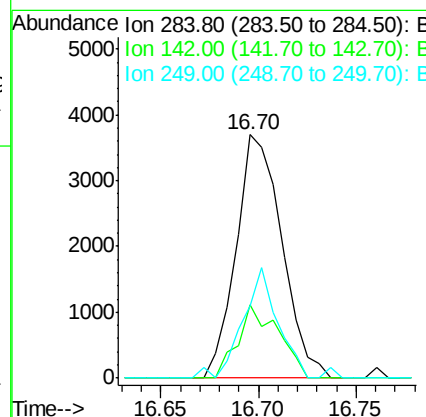
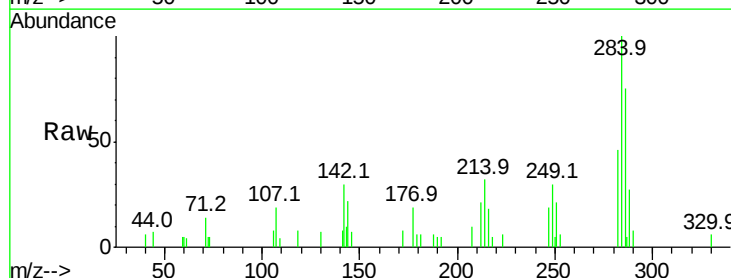
Instrument :
BNA_G
ClientSampleId :

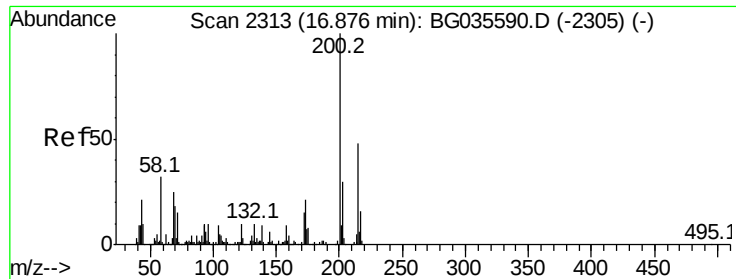
Tot Ion:248 Resp: 5255
Ion Ratio Lower Upper
248 100
250 86.5 77.1 115.7
141 64.1 50.8 76.2



#67
Hexachlorobenzene
Concen: 1.963 ng
RT: 16.70 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG035843.D
Acq: 24 Jul 2018 11:51

Tgt Ion:284 Resp: 6007
Ion Ratio Lower Upper
284 100
142 30.3 26.8 40.2
249 29.5 26.3 39.5





#68

Atrazine

Concen: 1.454 ng

RT: 16.85 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

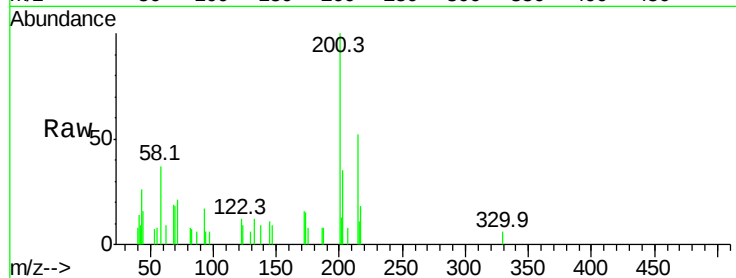
Tot Ion:200 Resp: 4365

Ion Ratio Lower Upper

200 100

173 15.4 5.2 45.2

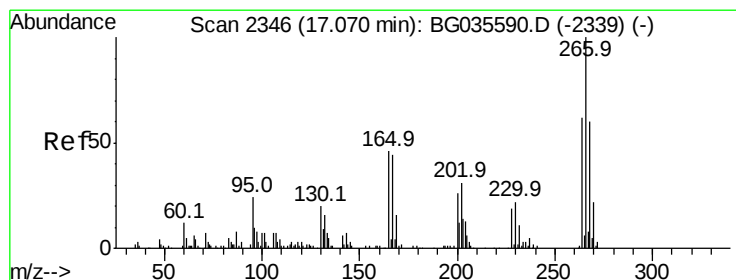
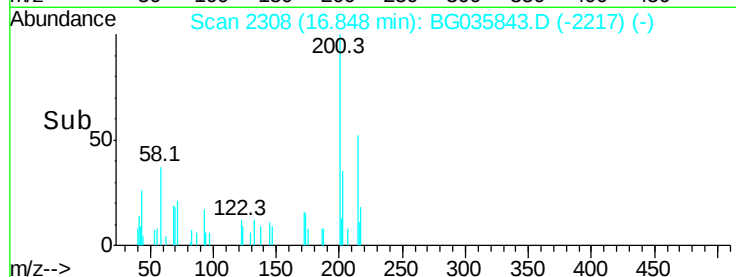
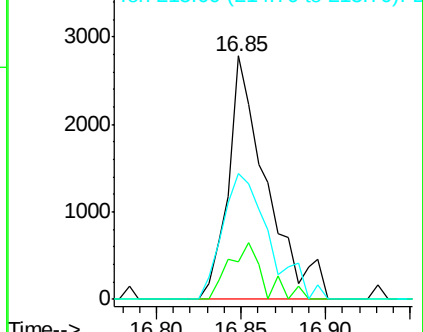
215 51.7 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.041 ng

RT: 17.08 min Scan# 2347

Delta R.T. 0.03 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

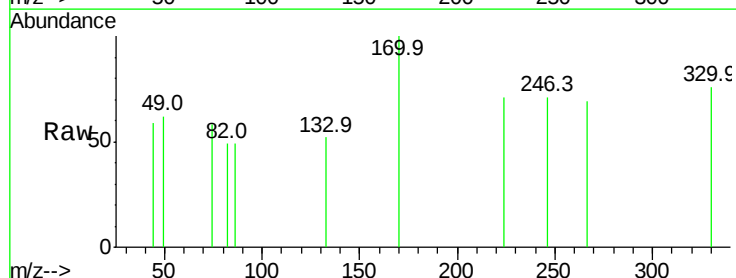
Tgt Ion:266 Resp: 76

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

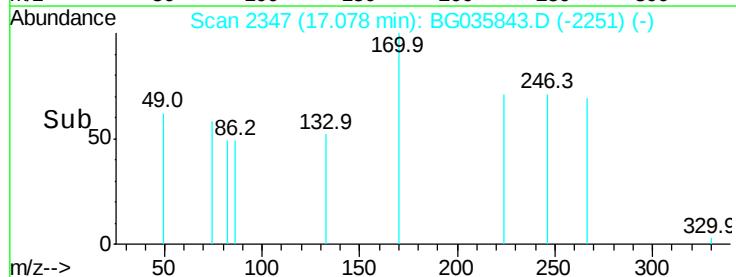
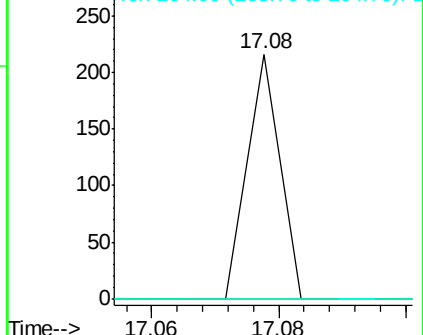
264 0.0 49.6 74.4#

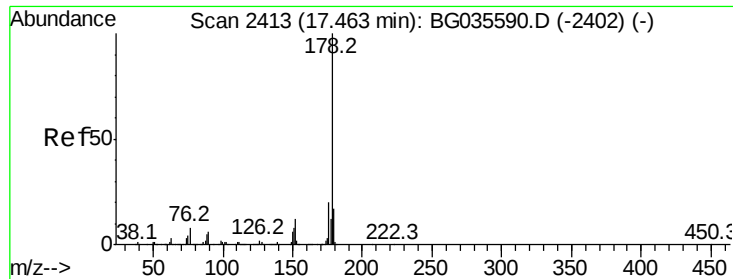


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 2.030 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

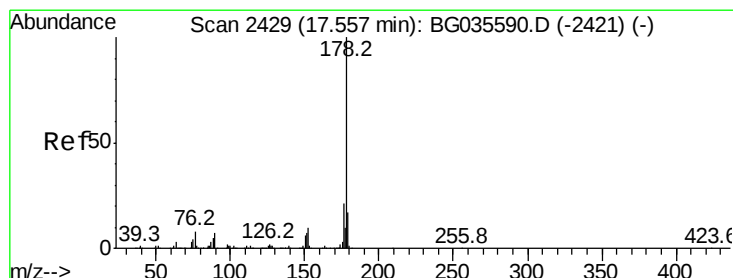
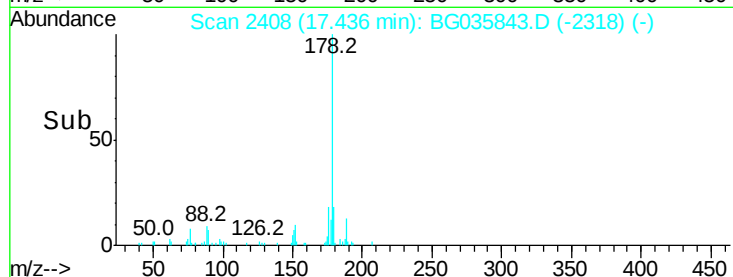
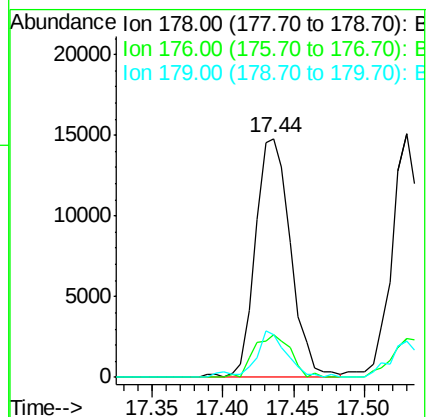
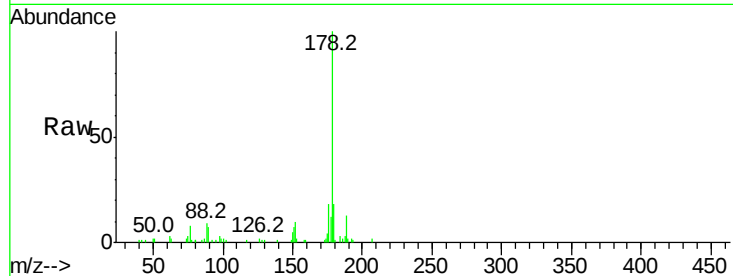
Tot Ion:178 Resp: 25941

Ion Ratio Lower Upper

178 100

176 17.6 15.7 23.5

179 18.0 12.5 18.7



#71

Anthracene

Concen: 2.038 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.09 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

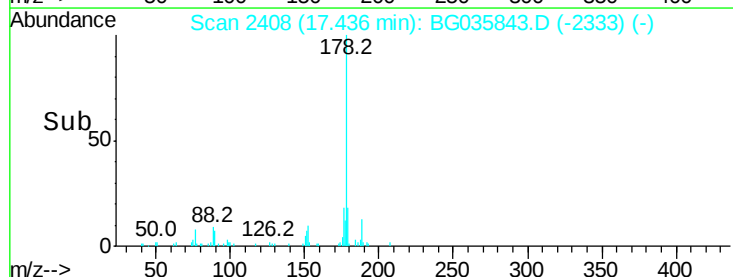
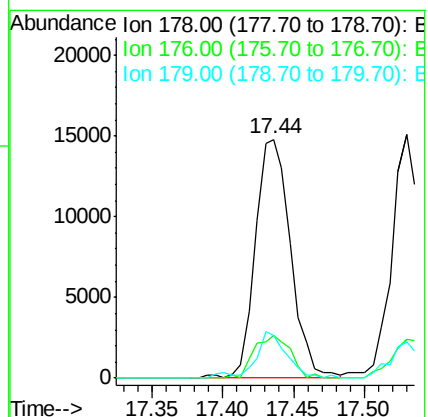
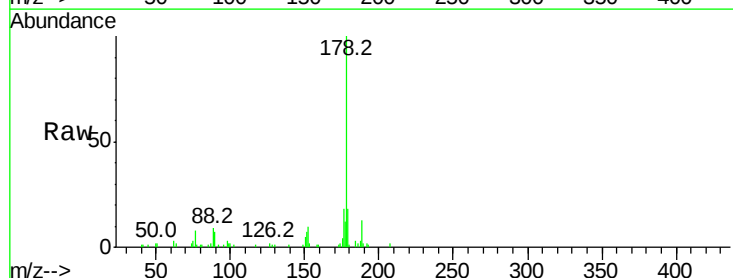
Tgt Ion:178 Resp: 25941

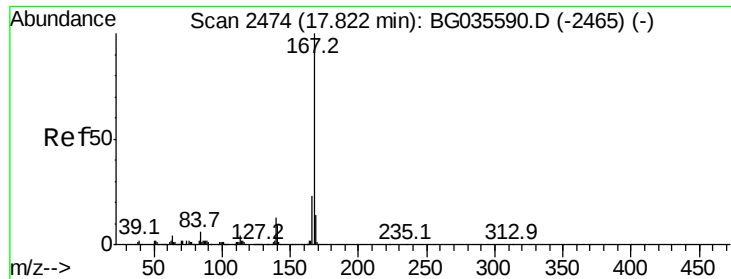
Ion Ratio Lower Upper

178 100

176 17.6 16.0 24.0

179 18.0 12.5 18.7





#72

Carbazole

Concen: 1.656 ng

RT: 17.81 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampled :

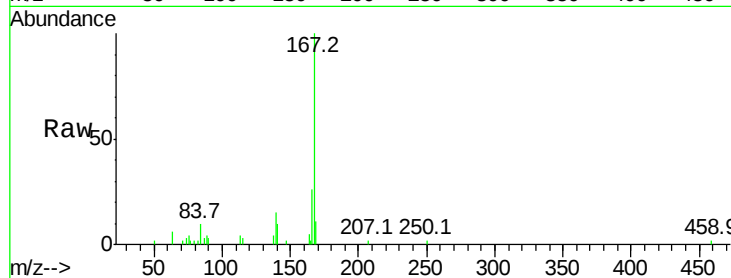
Tot Ion:167 Resp: 20008

Ion Ratio Lower Upper

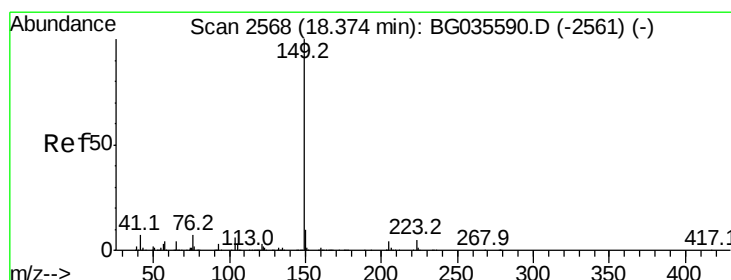
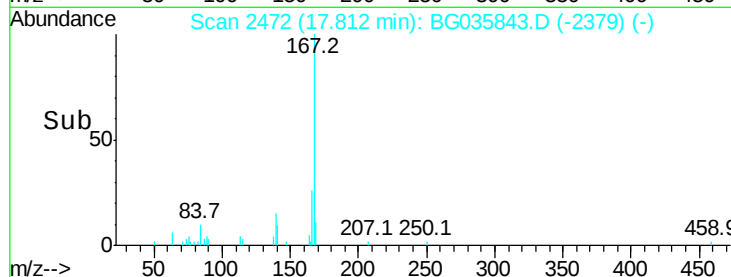
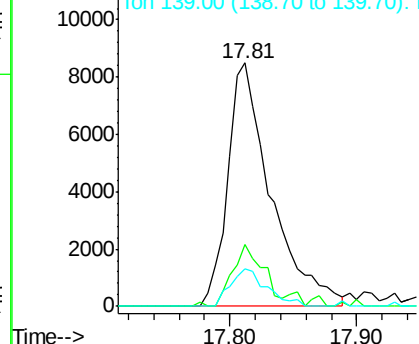
167 100

166 25.6 18.2 27.4

139 15.2 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 1.626 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

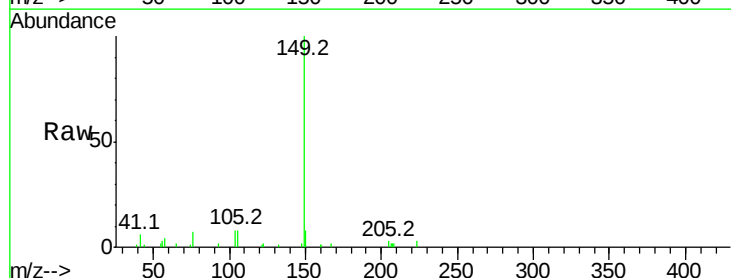
Tgt Ion:149 Resp: 23224

Ion Ratio Lower Upper

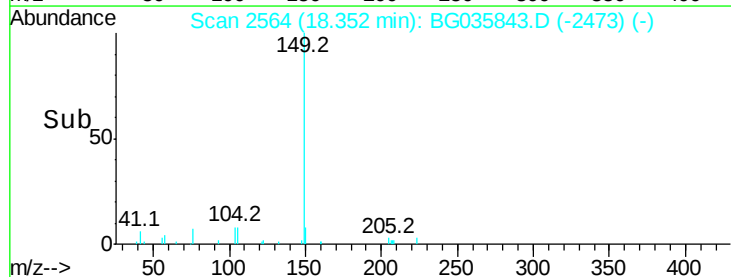
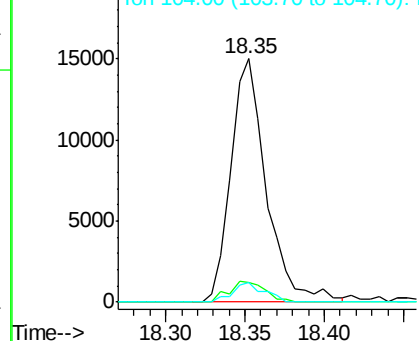
149 100

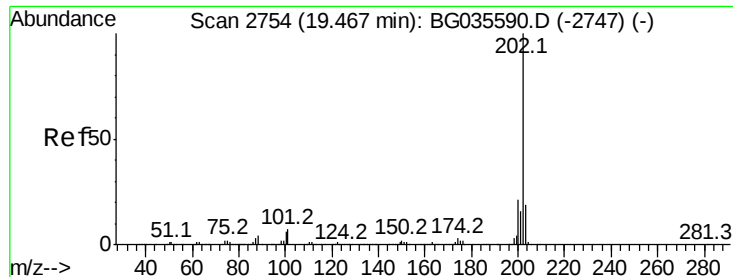
150 8.0 7.8 11.6

104 8.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 1.946 ng

RT: 19.44 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

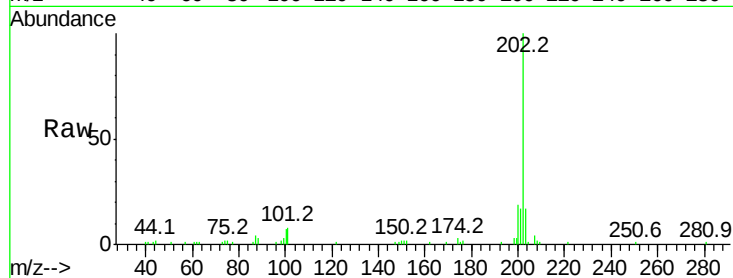
Tot Ion:202 Resp: 33506

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.9

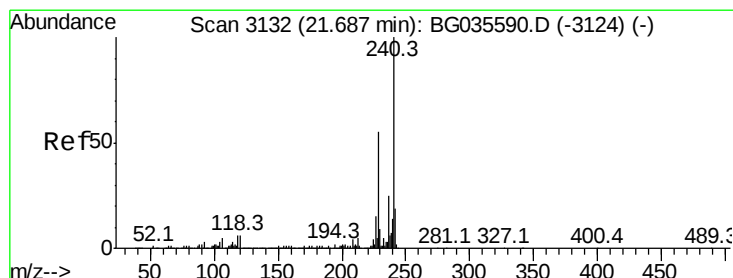
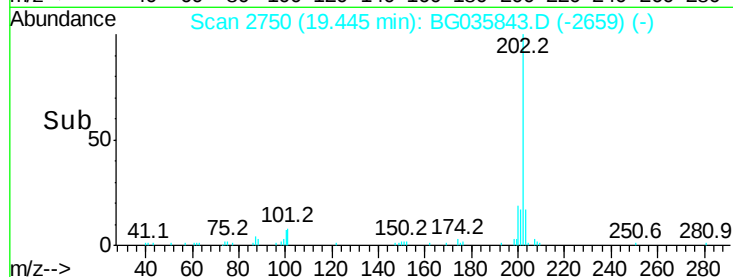
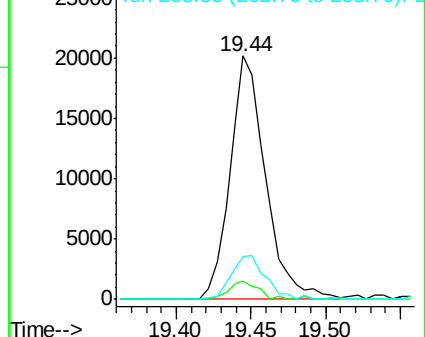
203 17.5 0.0 37.5



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: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

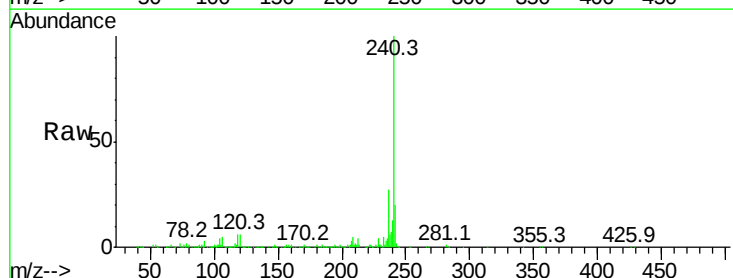
Tgt Ion:240 Resp: 301512

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

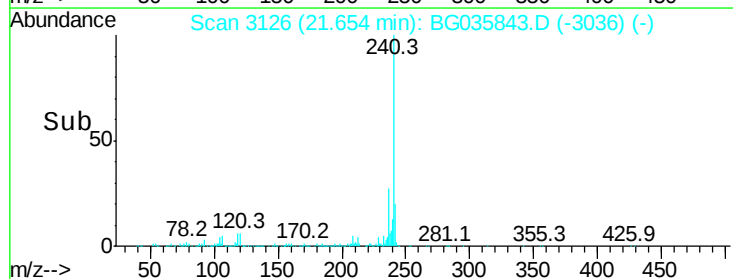
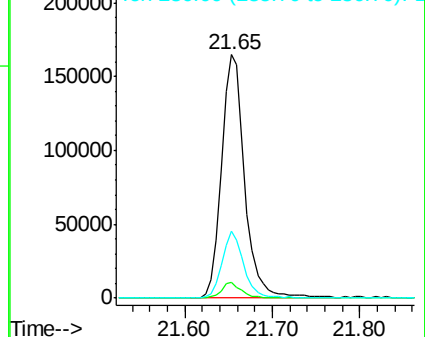
236 27.5 20.9 31.3

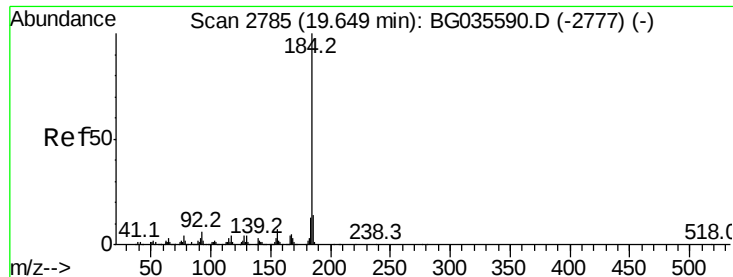


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.467 ng

RT: 19.66 min Scan# 2787

Delta R.T. 0.04 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

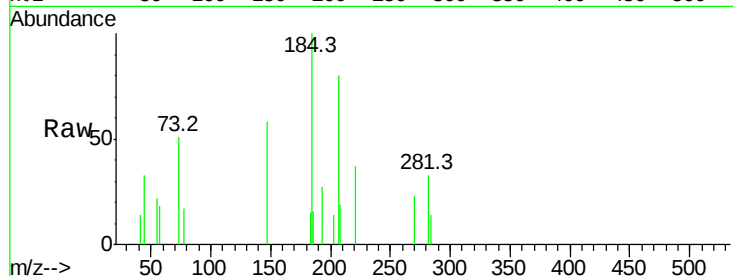
Tot Ion:184 Resp: 3705

Ion Ratio Lower Upper

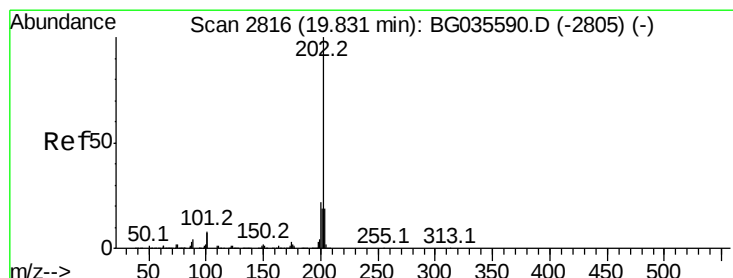
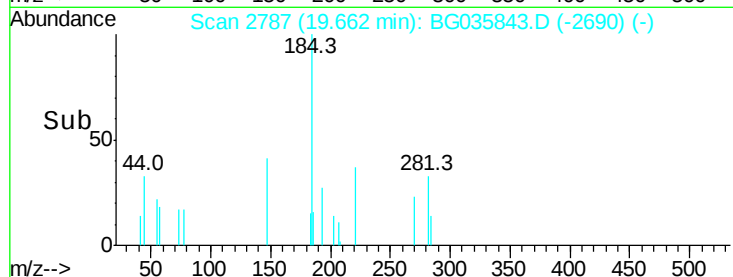
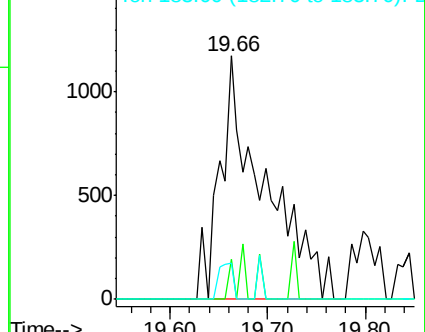
184 100

185 16.5 11.1 16.7

183 14.7 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 1.820 ng

RT: 19.81 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

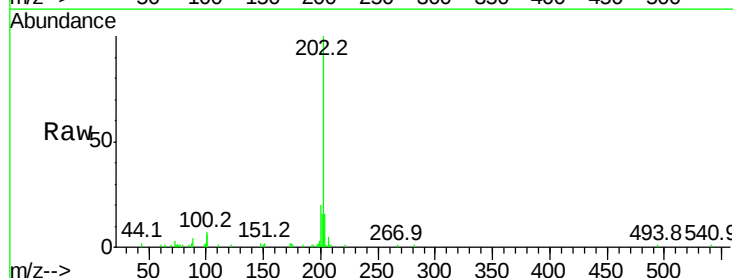
Tgt Ion:202 Resp: 34704

Ion Ratio Lower Upper

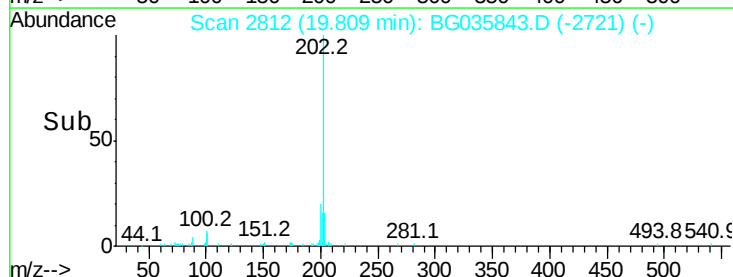
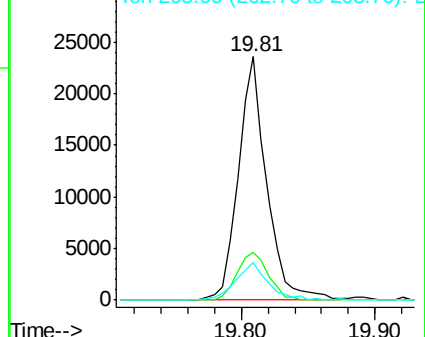
202 100

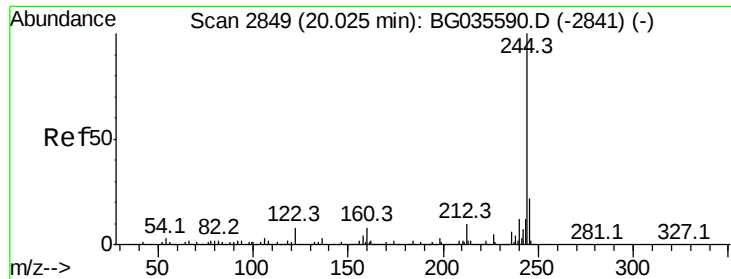
200 19.6 16.9 25.3

203 15.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

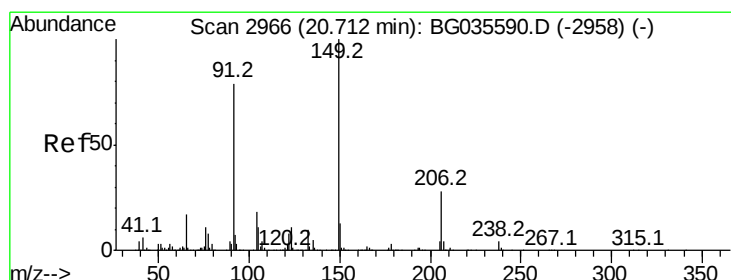
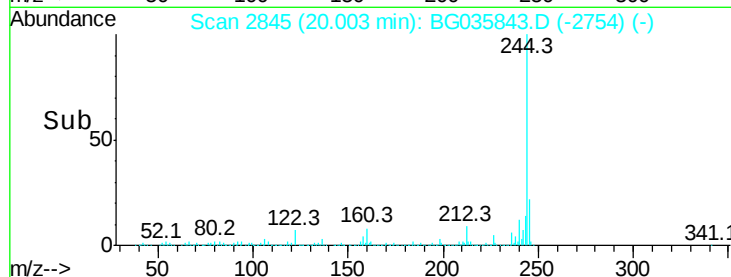
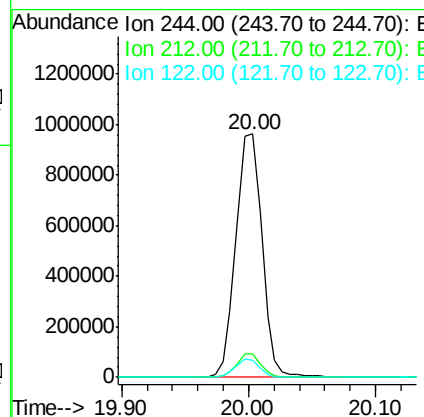
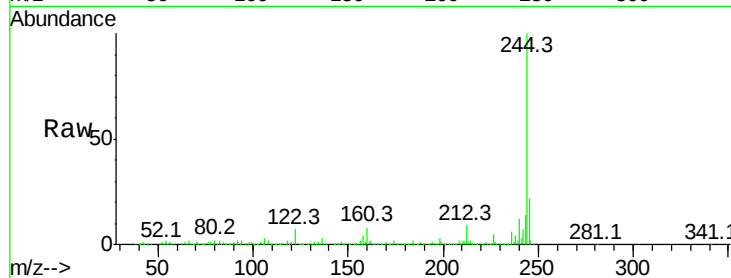




#78
 Terphenyl-d14
 Concen: 100.402 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

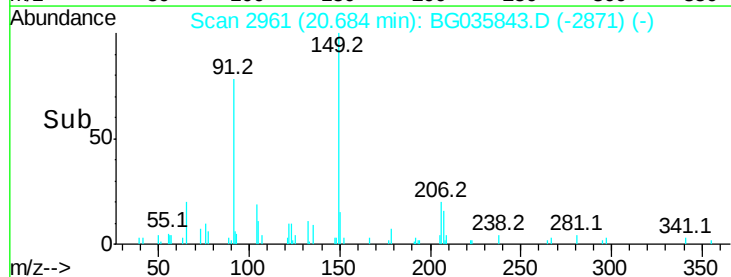
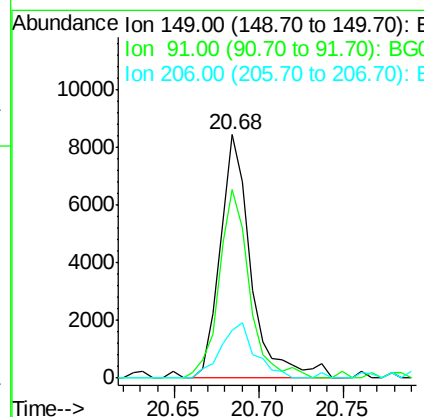
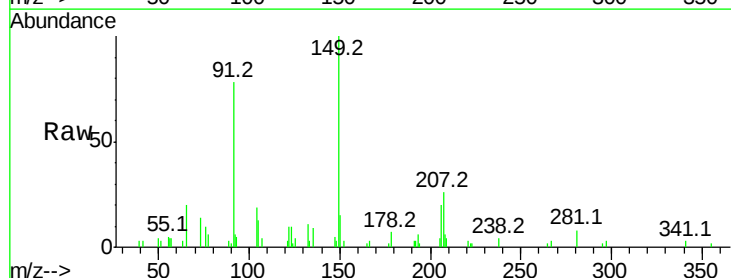
Instrument :
 BNA_G
 ClientSampleId :

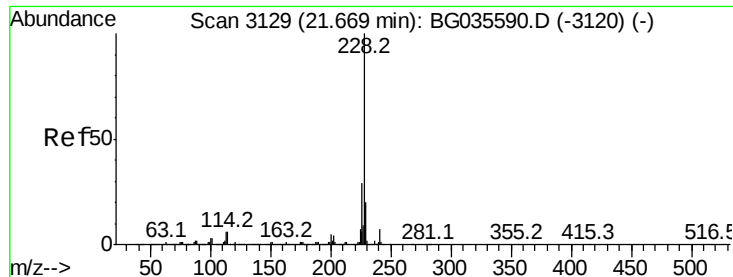
Tot Ion:244 Resp: 1373337
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 7.0 7.0 10.4



#79
 Butylbenzylphthalate
 Concen: 1.575 ng
 RT: 20.68 min Scan# 2961
 Delta R.T. -0.00 min
 Lab File: BG035843.D
 Acq: 24 Jul 2018 11:51

Tgt Ion:149 Resp: 10739
 Ion Ratio Lower Upper
 149 100
 91 77.7 62.2 93.2
 206 19.8 18.6 27.8





#80

Benzo(a)anthracene

Concen: 1.914 ng

RT: 21.64 min Scan# 3124

Delta R.T. 0.00 min

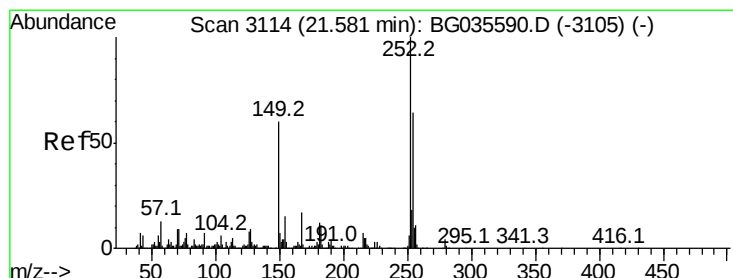
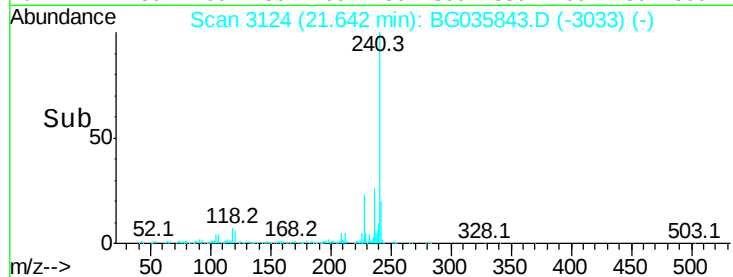
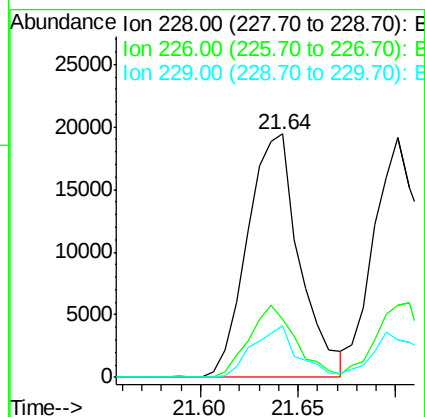
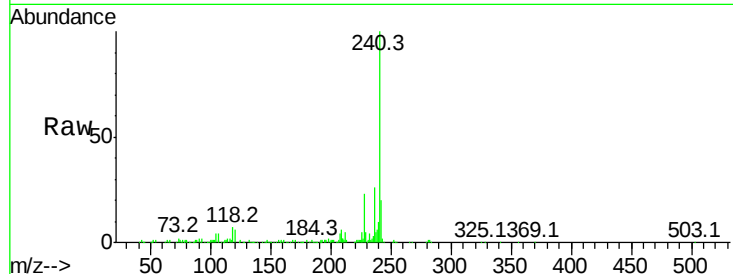
Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 35967

Ion	Ratio	Lower	Upper
228	100		
226	24.0	22.7	34.1
229	21.3	16.2	24.2



#81

3,3'-Dichlorobenzidine

Concen: 1.199 ng

RT: 21.58 min Scan# 3113

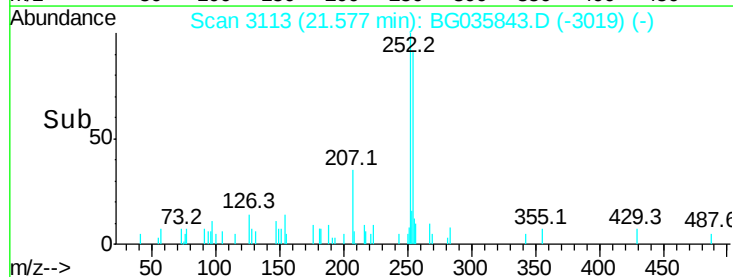
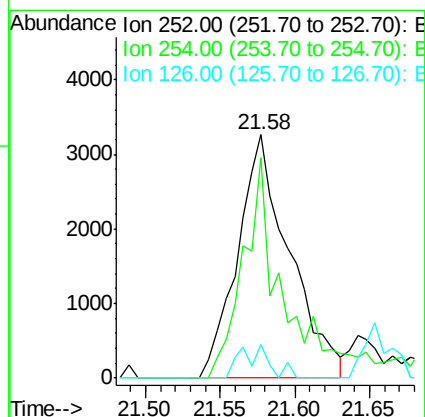
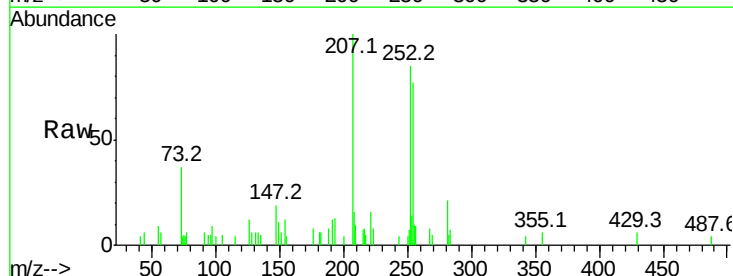
Delta R.T. 0.02 min

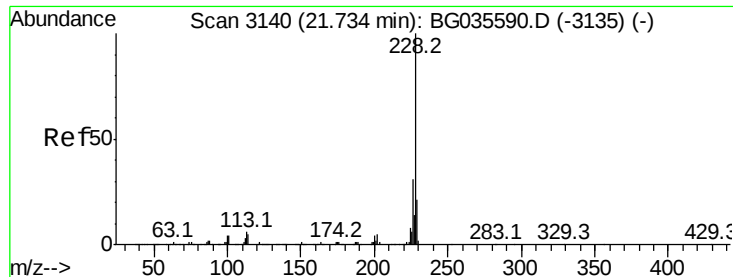
Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Tgt Ion:252 Resp: 7855

Ion	Ratio	Lower	Upper
252	100		
254	90.7	50.8	76.2#
126	13.9	7.4	11.2#





#82

Chrysene

Concen: 2.109 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG035843.D

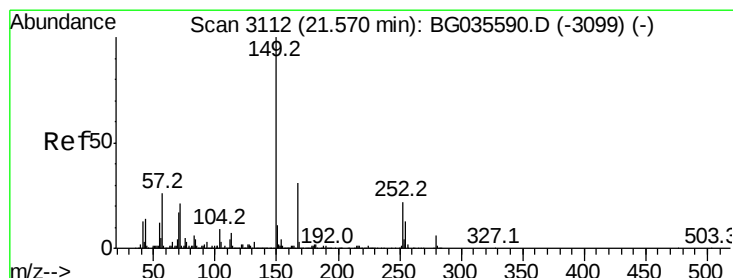
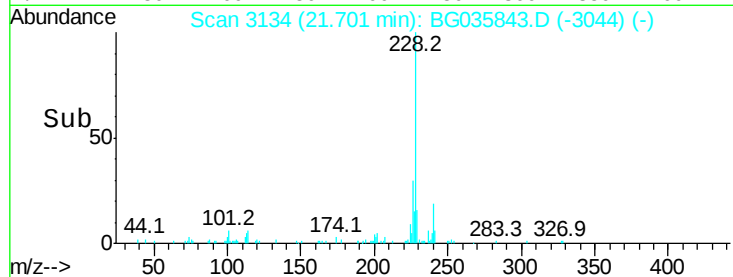
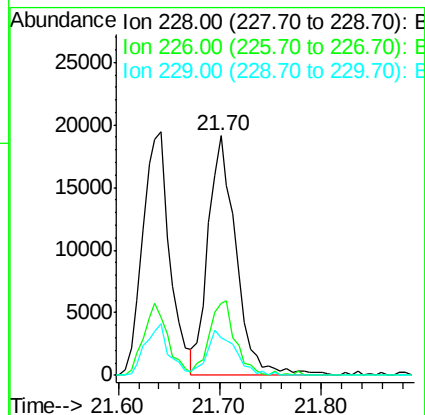
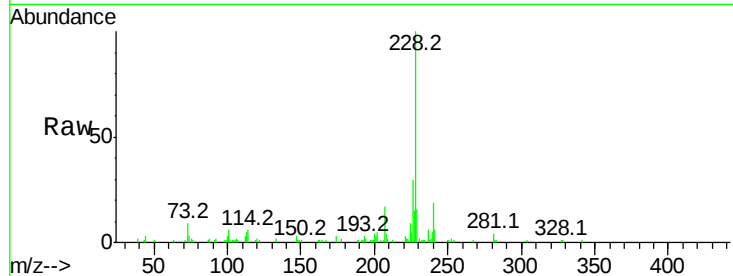
Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:228	Resp:	36716
Ion	Ratio	Lower Upper
228	100	
226	30.0	24.9 37.3
229	15.6	15.0 22.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.595 ng

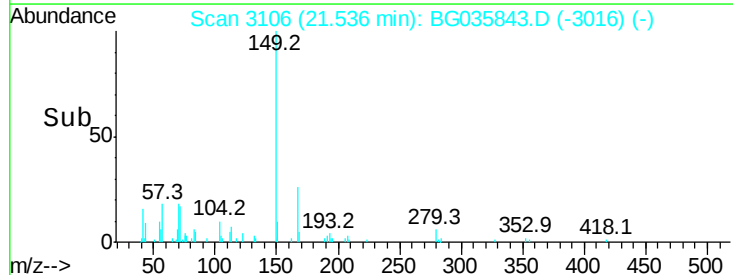
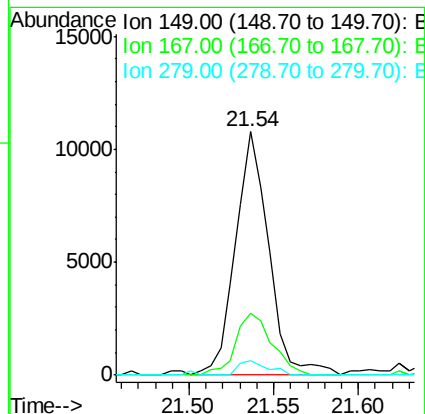
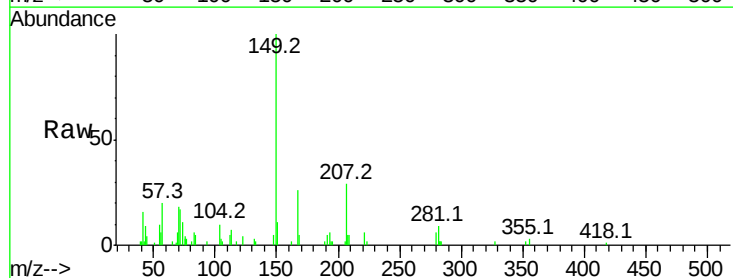
RT: 21.54 min Scan# 3106

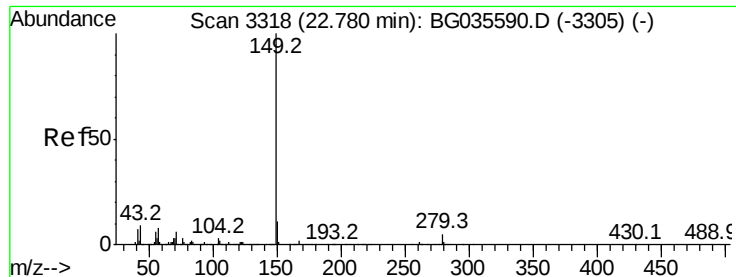
Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Tgt Ion:149	Resp:	14787
Ion	Ratio	Lower Upper
149	100	
167	25.6	24.3 36.5
279	6.0	4.0 6.0#





#84

Di-n-octyl phthalate

Concen: 1.542 ng

RT: 22.73 min Scan# 3310

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

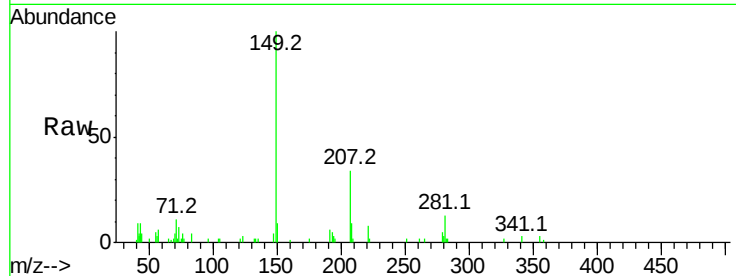
Tot Ion:149 Resp: 23937

Ion Ratio Lower Upper

149 100

167 0.3 1.4 2.0#

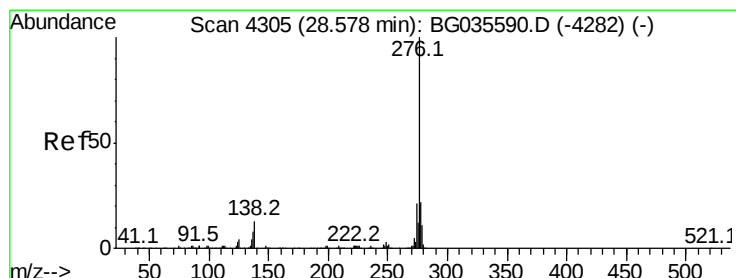
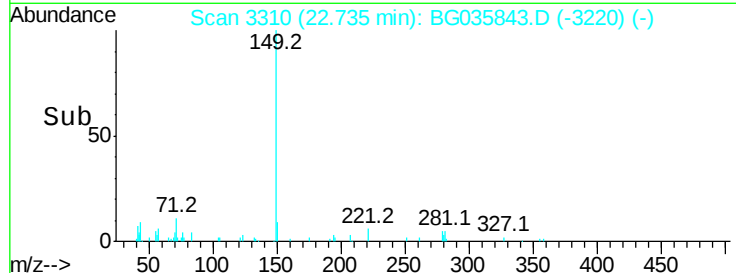
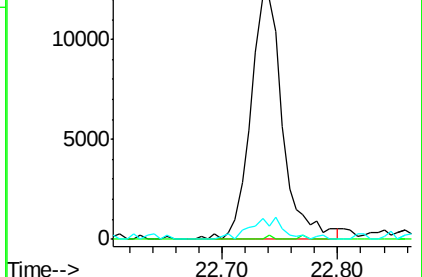
43 9.1 8.9 13.3



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): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.325 ng

RT: 28.49 min Scan# 4290

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

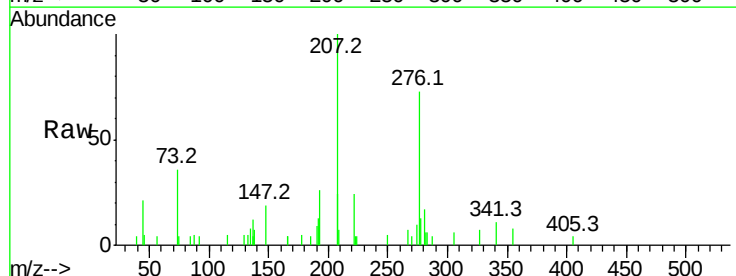
Tgt Ion:276 Resp: 6261

Ion Ratio Lower Upper

276 100

138 9.1 16.0 24.0#

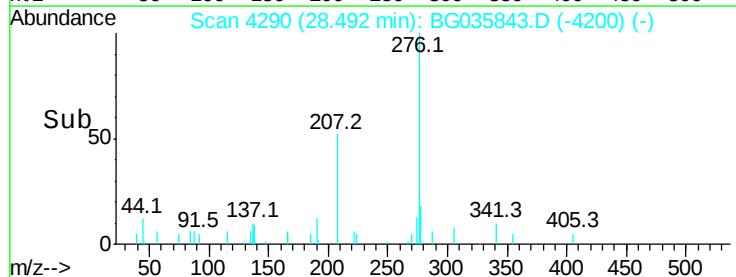
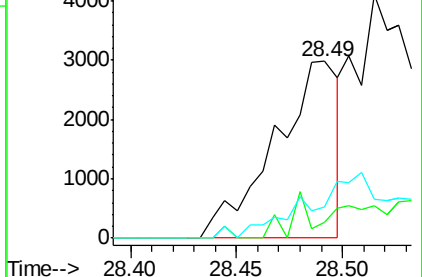
277 0.0 20.0 30.0#

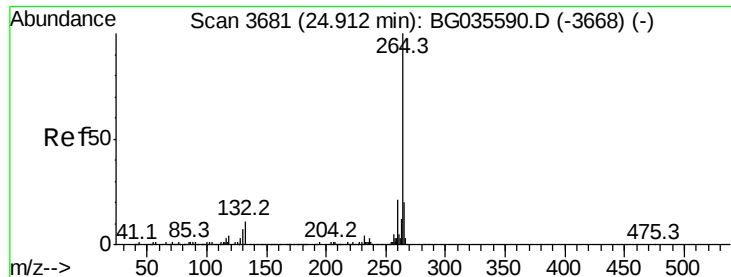


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampled :

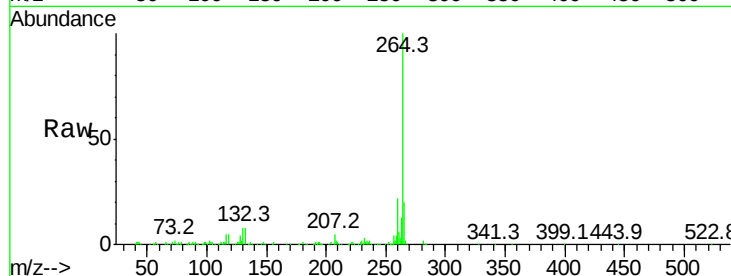
Tot Ion:264 Resp: 269320

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	19.8	17.7	26.5

264 100

260 21.7 17.4 26.0

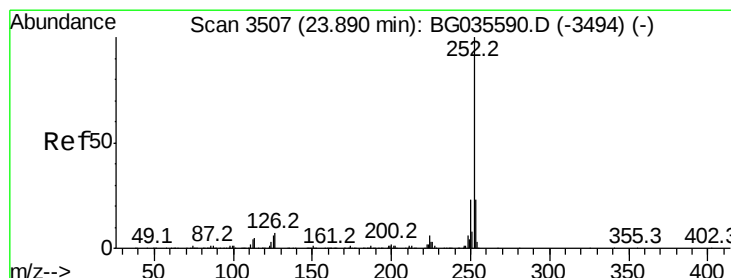
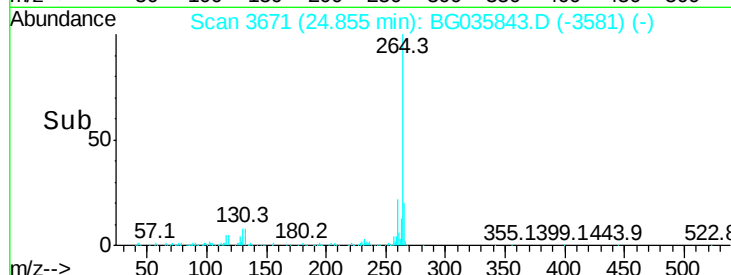
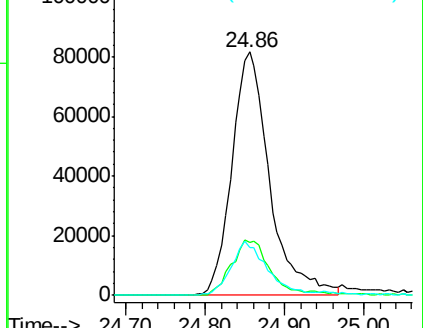
265 19.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 1.783 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

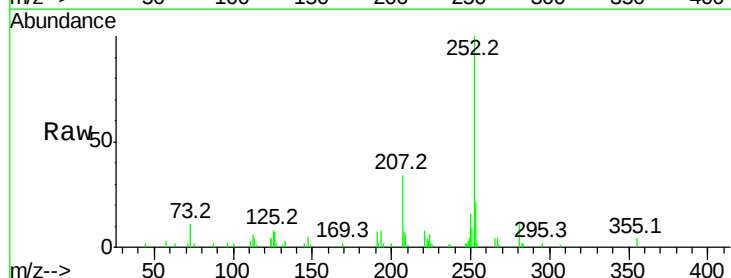
Tgt Ion:252 Resp: 29180

Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.2	27.4
125	7.9	7.2	10.8

252 100

253 20.6 18.2 27.4

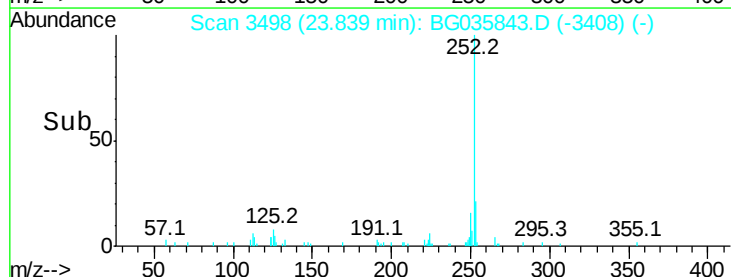
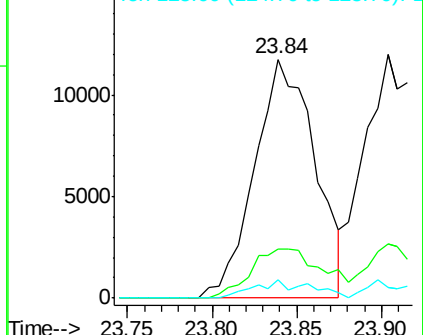
125 7.9 7.2 10.8

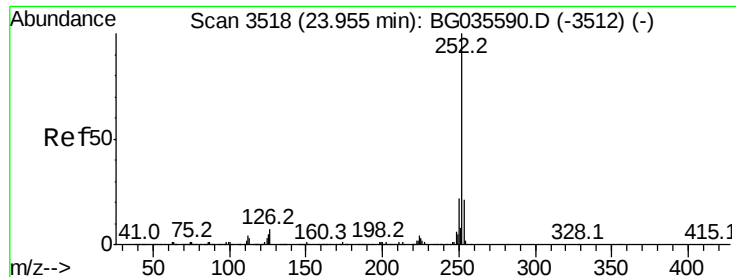


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.823 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.07 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

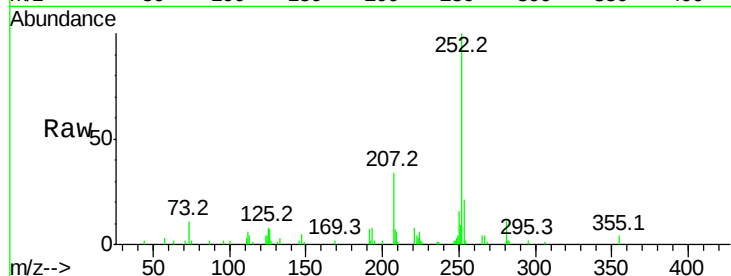
Tot Ion:252 Resp: 29180

Ion Ratio Lower Upper

252 100

253 20.6 17.4 26.2

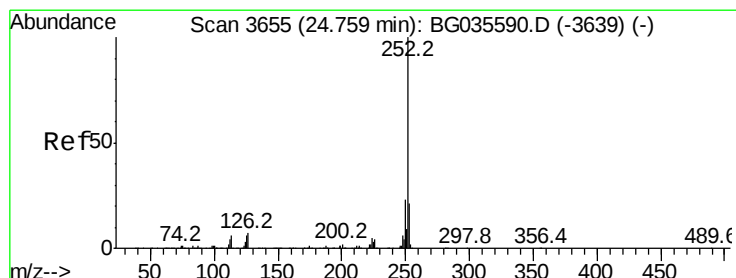
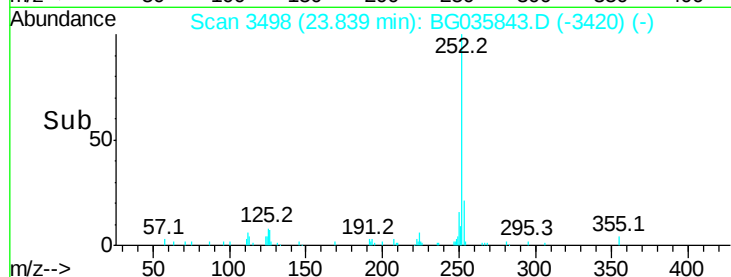
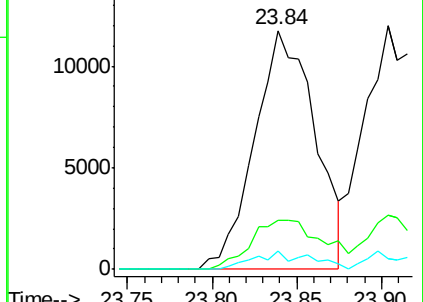
125 7.9 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 1.837 ng

RT: 24.71 min Scan# 3646

Delta R.T. 0.00 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

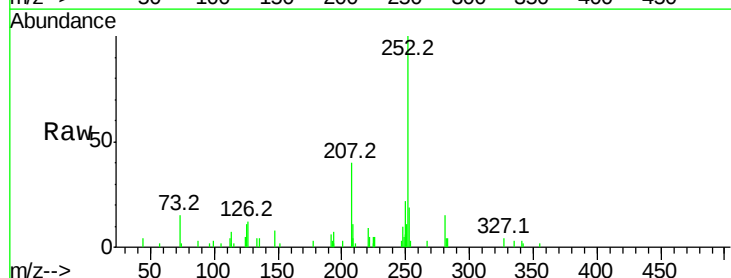
Tgt Ion:252 Resp: 27974

Ion Ratio Lower Upper

252 100

253 18.9 18.3 27.5

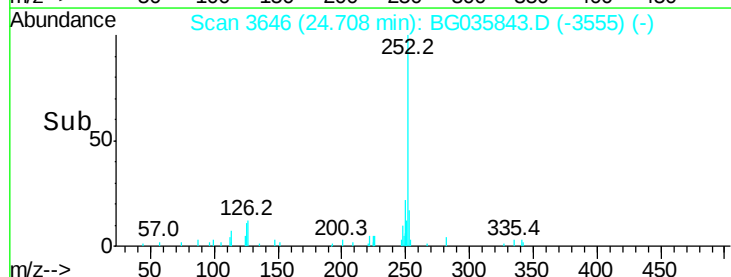
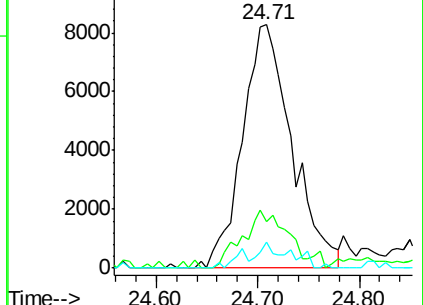
125 10.6 7.3 10.9

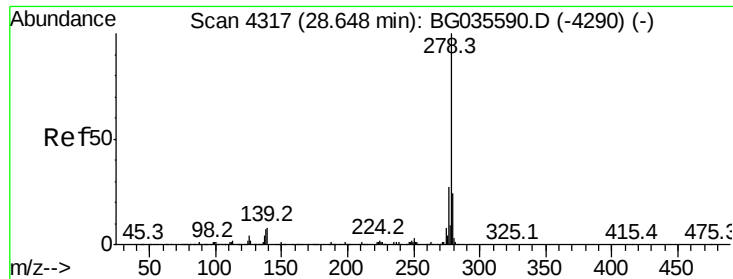


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.293 ng

RT: 28.59 min Scan# 4306

Delta R.T. 0.03 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Instrument :

BNA_G

ClientSampleId :

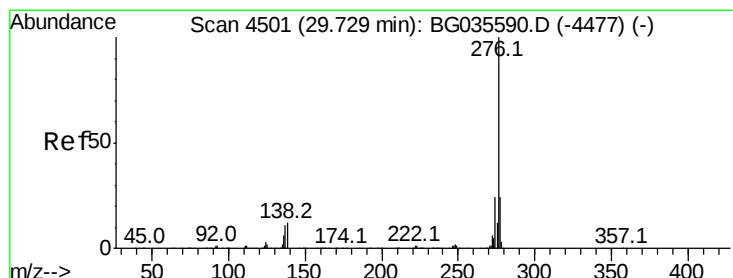
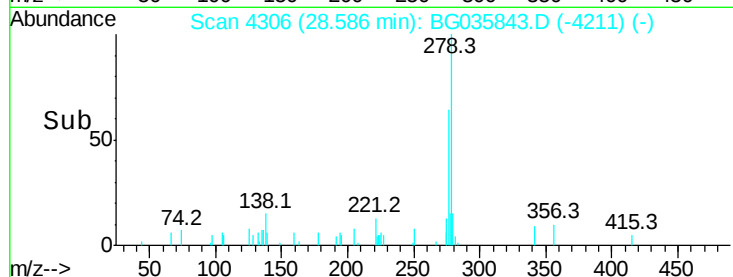
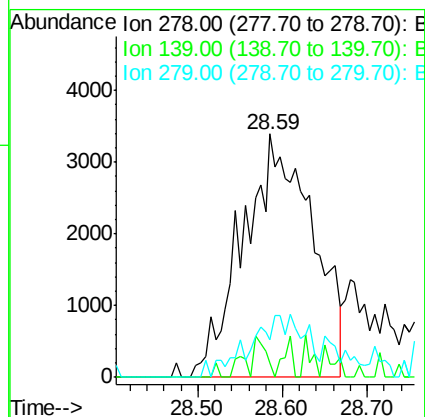
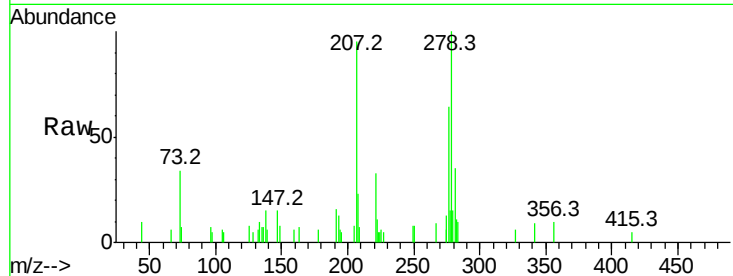
Tot Ion:278 Resp: 19336

Ion Ratio Lower Upper

278 100

139 6.1 9.8 14.6#

279 15.4 18.4 27.6#



#91

Benzo(g,h,i)perylene

Concen: 0.597 ng

RT: 29.63 min Scan# 4483

Delta R.T. -0.02 min

Lab File: BG035843.D

Acq: 24 Jul 2018 11:51

Tgt Ion:276 Resp: 8734

Ion Ratio Lower Upper

276 100

277 21.9 18.3 27.5

138 11.9 13.9 20.9#

