

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072318\
 Data File : BG035822.D
 Acq On : 23 Jul 2018 11:26
 Operator : JU/SJ
 Sample : PB111306BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Quant Time: Jul 23 12:01:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48478	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	176105	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	126036	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	364232	20.00	ng	0.00
75) Chrysene-d12	21.66	240	413049	20.00	ng	0.00
86) Perylene-d12	24.86	264	405562	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	393133	134.64	ng	0.00
7) Phenol-d6	7.20	99	573452	131.63	ng	0.00
23) Nitrobenzene-d5	9.19	82	358278	84.99	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	265997	160.12	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	824255	87.62	ng	0.00
78) Terphenyl-d14	20.00	244	1673998	89.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	42225	28.412	ng	# 78
3) Pyridine	3.91	79	126412	32.582	ng	# 72
4) n-Nitrosodimethylamine	3.83	42	55520	33.328	ng	# 78
6) Aniline	7.36	93	105258	18.641	ng	98
8) 2-Chlorophenol	7.60	128	128926	43.413	ng	93
9) Benzaldehyde	7.17	77	64513	24.134	ng	97
10) Phenol	7.23	94	191691	43.552	ng	92
11) bis(2-Chloroethyl)ether	7.45	93	128822	37.373	ng	87
12) 1,3-Dichlorobenzene	7.92	146	144184	40.205	ng	97
13) 1,4-Dichlorobenzene	8.06	146	148105	40.646	ng	96
14) 1,2-Dichlorobenzene	8.38	146	140788	40.220	ng	96
15) Benzyl Alcohol	8.27	79	150384	38.013	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144964	50.164	ng	79
17) 2-Methylphenol	8.47	107	129138	43.154	ng	# 90
18) Hexachloroethane	9.11	117	54850	39.369	ng	# 86
19) n-Nitroso-di-n-propylamine	8.83	70	121203	33.038	ng	# 83
20) 3+4-Methylphenols	8.80	107	174694	42.080	ng	91
22) Acetophenone	8.85	105	219385	40.060	ng	# 95
24) Nitrobenzene	9.24	77	179757	42.400	ng	97
25) Isophorone	9.75	82	338653	43.275	ng	99
26) 2-Nitrophenol	9.94	139	75642	50.237	ng	# 87
27) 2,4-Dimethylphenol	10.00	122	134789	52.885	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	179782	41.693	ng	99
29) 2,4-Dichlorophenol	10.48	162	147691	50.763	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	164854	46.209	ng	97
31) Naphthalene	10.88	128	394892	43.047	ng	97
32) Benzoic acid	10.18	122	65649	38.262	ng	91
33) 4-Chloroaniline	11.00	127	42078	10.524	ng	# 95
34) Hexachlorobutadiene	11.16	225	124152	44.628	ng	94
35) Caprolactam	11.78	113	32134	25.737	ng	# 61
36) 4-Chloro-3-methylphenol	12.12	107	184557	47.325	ng	94
37) 2-Methylnaphthalene	12.48	142	308174	45.092	ng	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	210602	44.272	ng	99
40) Hexachlorocyclopentadiene	12.82	237	277153	111.093	ng	97

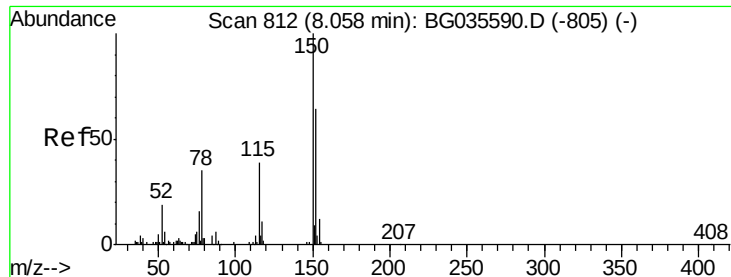
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072318\
 Data File : BG035822.D
 Acq On : 23 Jul 2018 11:26
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Instrument :
 BNA_G
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Quant Time: Jul 23 12:01:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	140581	50.534	ng	93
43) 2,4,5-Trichlorophenol	13.17	196	155995	50.125	ng	98
45) 1,1'-Biphenyl	13.49	154	428908	43.894	ng	97
46) 2-Chloronaphthalene	13.53	162	346070	45.531	ng	99
47) 2-Nitroaniline	13.74	65	123366	45.911	ng	95
48) Acenaphthylene	14.38	152	565370	44.405	ng	98
49) Dimethylphthalate	14.11	163	484894	43.911	ng	98
50) 2,6-Dinitrotoluene	14.23	165	112192	49.892	ng	93
51) Acenaphthene	14.72	154	329026	41.485	ng	99
52) 3-Nitroaniline	14.56	138	41942	18.249	ng #	96
53) 2,4-Dinitrophenol	14.77	184	115045	97.885	ng #	62
54) Dibenzofuran	15.05	168	559482	44.355	ng	96
55) 4-Nitrophenol	14.88	139	171831	104.981	ng #	86
56) 2,4-Dinitrotoluene	15.02	165	169497	52.540	ng #	87
57) Fluorene	15.70	166	476237	45.047	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	160063	53.642	ng	93
59) Diethylphthalate	15.47	149	499324	43.975	ng	98
60) 4-Chlorophenyl-phenylether	15.69	204	274651	44.201	ng	95
61) 4-Nitroaniline	15.73	138	111374	46.326	ng #	78
62) Azobenzene	15.98	77	495304	44.223	ng	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	90469	44.620	ng	83
65) n-Nitrosodiphenylamine	15.91	169	436941	42.146	ng	99
66) 4-Bromophenyl-phenylether	16.58	248	187306	44.325	ng	97
67) Hexachlorobenzene	16.70	284	197199	45.316	ng	96
68) Atrazine	16.85	200	210502	49.314	ng	97
69) Pentachlorophenol	17.05	266	195764	73.857	ng	98
70) Phenanthrene	17.44	178	801614	44.106	ng	97
71) Anthracene	17.53	178	830716	45.904	ng	97
72) Carbazole	17.80	167	774952	45.091	ng	97
73) Di-n-butylphthalate	18.35	149	890743	43.859	ng #	99
74) Fluoranthene	19.45	202	1108510	45.281	ng	96
76) Benzidine	19.63	184	334363	30.791	ng	96
77) Pyrene	19.81	202	1113441	42.632	ng	98
79) Butylbenzylphthalate	20.69	149	435170	46.593	ng #	93
80) Benzo(a)anthracene	21.64	228	1144461	44.462	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	226423	25.228	ng #	96
82) Chrysene	21.71	228	1070627	44.885	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	584193	46.009	ng	96
84) Di-n-octyl phthalate	22.74	149	1016847	47.829	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1240884	46.989	ng #	85
87) Benzo(b)fluoranthene	23.84	252	1114810	45.226	ng #	96
88) Benzo(k)fluoranthene	23.92	252	1063169	44.117	ng #	96
89) Benzo(a)pyrene	24.71	252	1071324	46.717	ng #	97
90) Dibenzo(a,h)anthracene	28.57	278	1045572	46.441	ng #	96
91) Benzo(g,h,i)perylene	29.65	276	1026560	46.597	ng #	93

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

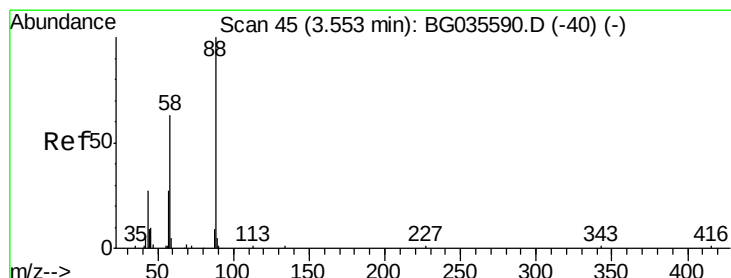
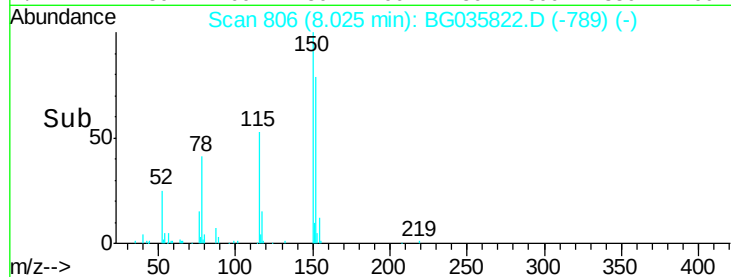
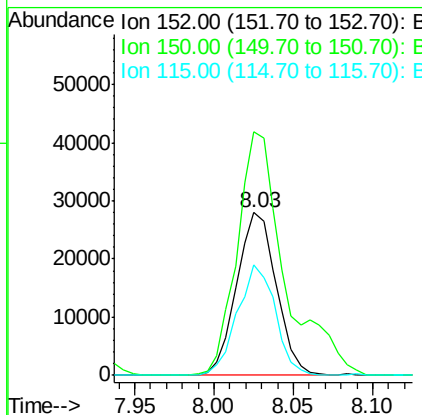
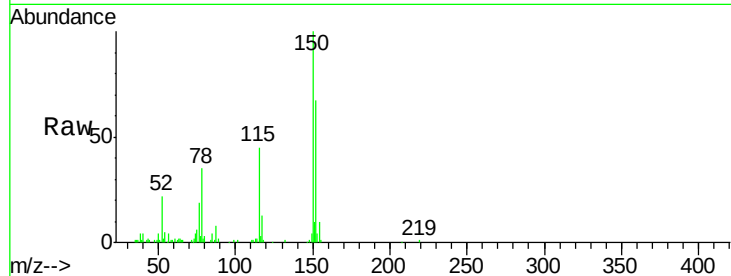


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

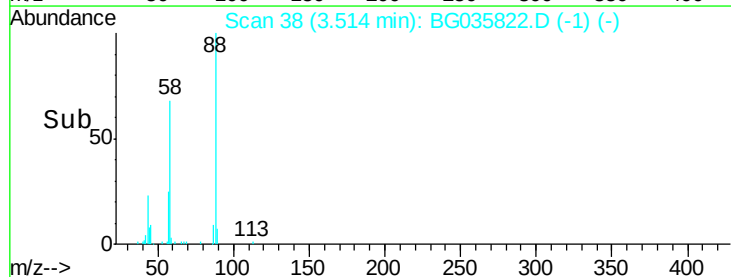
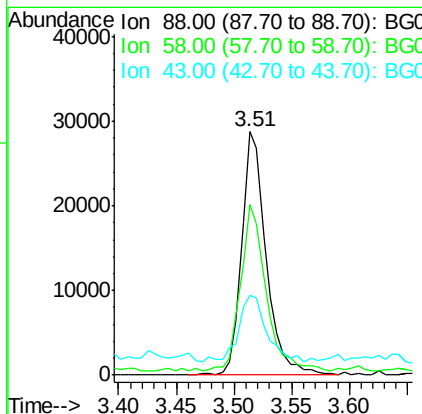
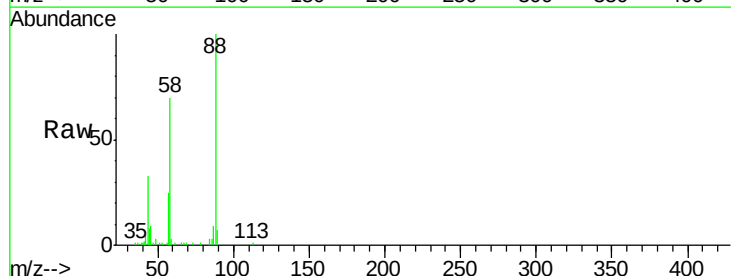
Tgt Ion:152 Resp: 48478
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 67.7 53.0 79.4

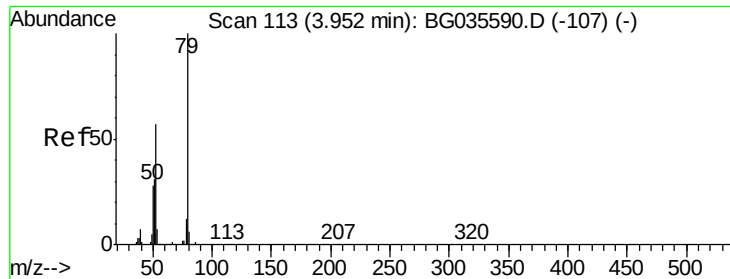


#2

1,4-Dioxane
Concen: 28.412 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.02 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion: 88 Resp: 42225
Ion Ratio Lower Upper
88 100
58 71.0 79.6 119.4#
43 32.3 27.4 41.0





#3

Pyridine

Concen: 32.582 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

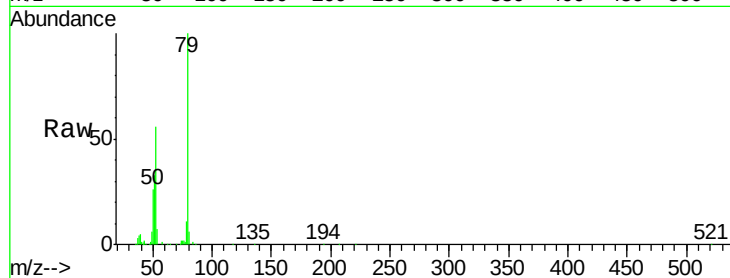
Tgt Ion: 79 Resp: 126412

Ion Ratio Lower Upper

79 100

52 56.5 69.9 104.9#

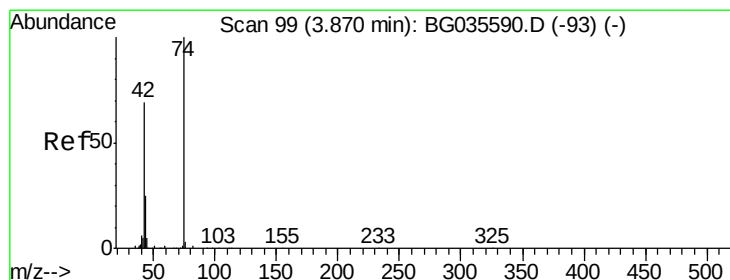
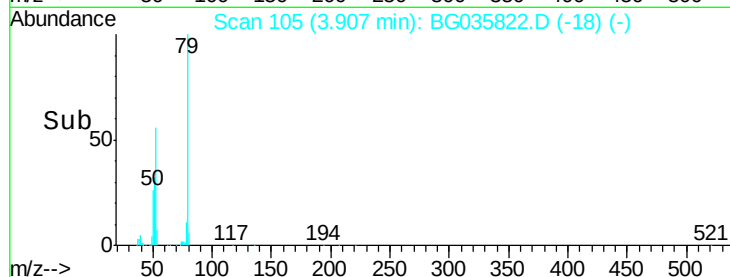
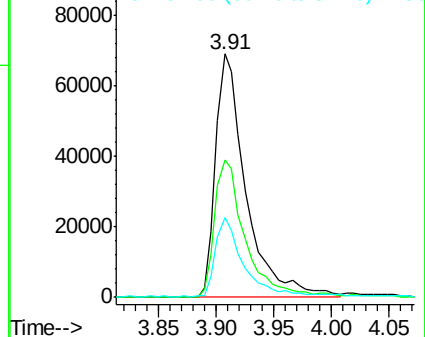
51 32.5 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.328 ng

RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

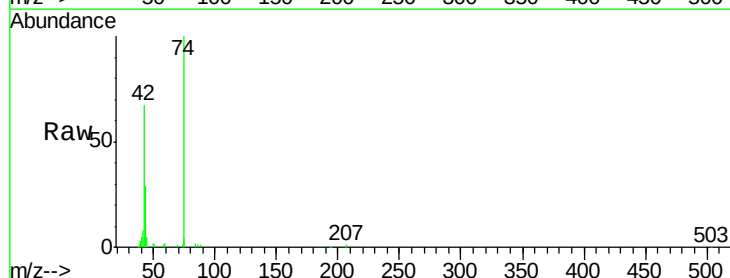
Tgt Ion: 42 Resp: 55520

Ion Ratio Lower Upper

42 100

74 150.3 102.5 153.7

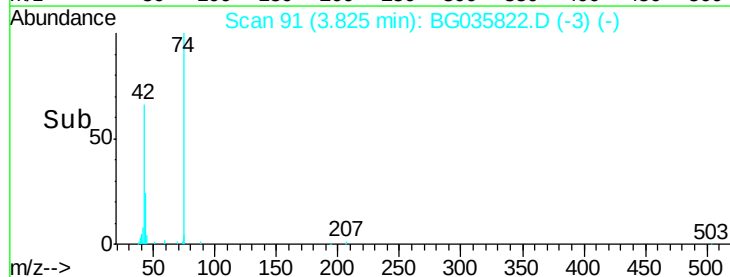
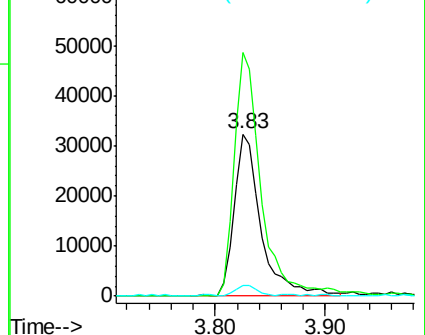
44 6.8 18.9 28.3#

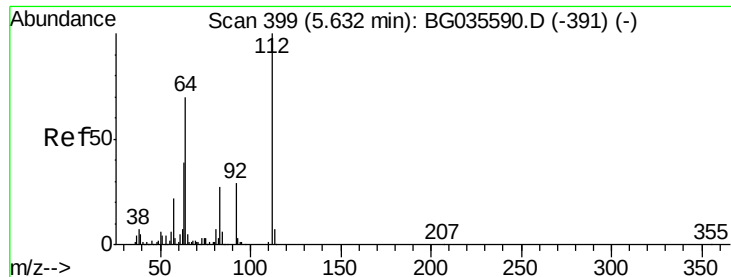


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 134.637 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

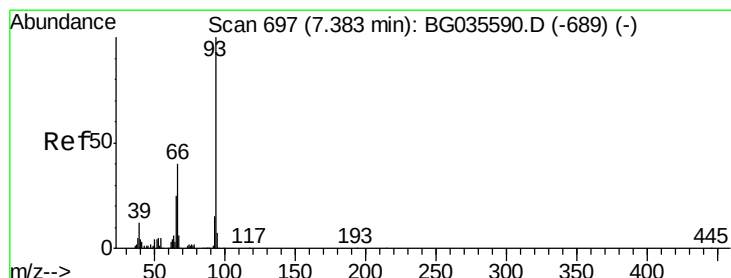
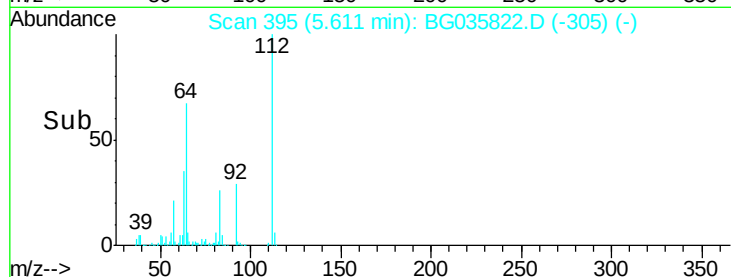
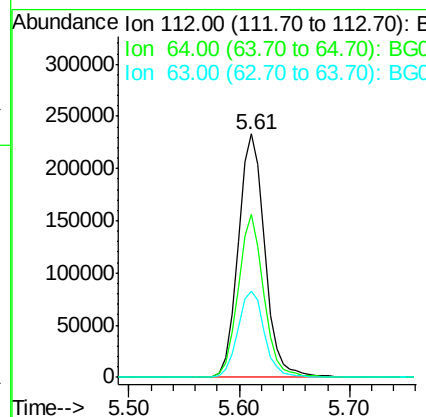
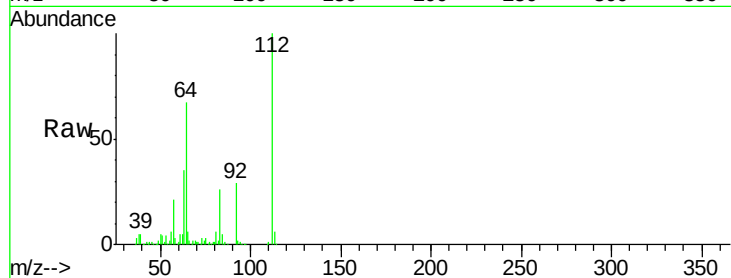
Instrument :

BNA_G

ClientSampleId :

PB111306BS

Tgt Ion:	112	Resp:	393133
Ion	Ratio	Lower	Upper
112	100		
64	67.2	56.3	84.5
63	35.4	30.1	45.1



#6

Aniline

Concen: 18.641 ng

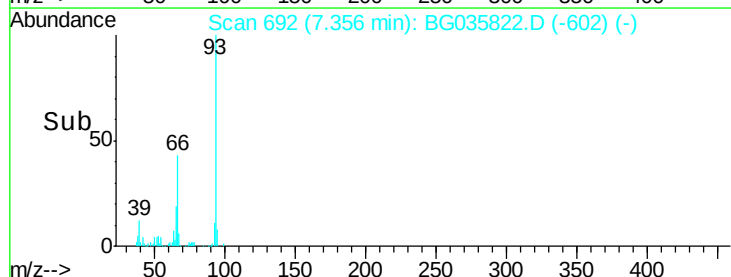
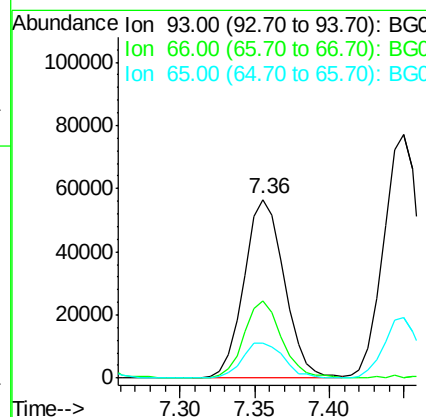
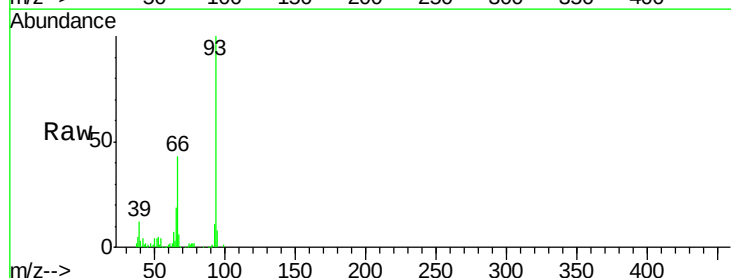
RT: 7.36 min Scan# 692

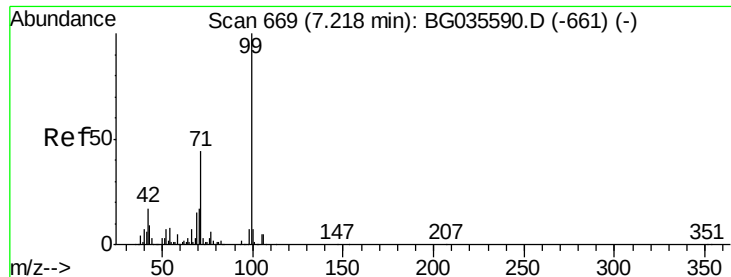
Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:	93	Resp:	105258
Ion	Ratio	Lower	Upper
93	100		
66	43.0	33.7	50.5
65	19.2	16.1	24.1





#7

Phenol-d6

Concen: 131.630 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

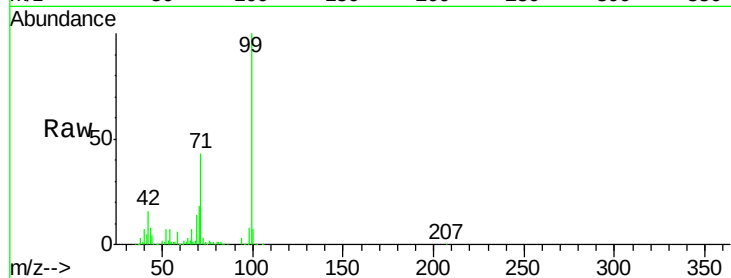
Tgt Ion: 99 Resp: 573452

Ion Ratio Lower Upper

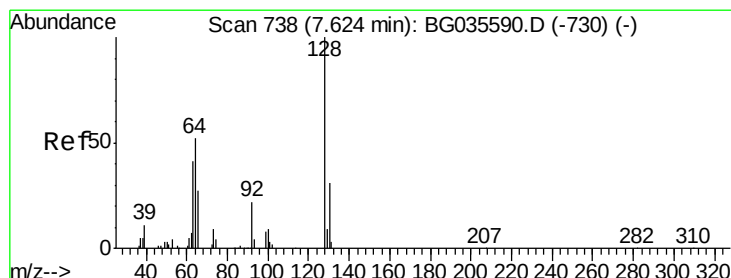
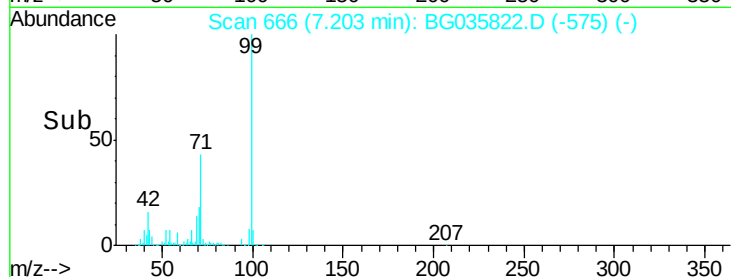
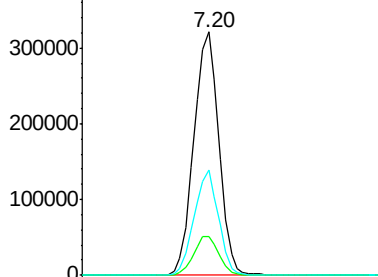
99 100

42 16.1 14.1 21.1

71 43.4 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 43.413 ng

RT: 7.60 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

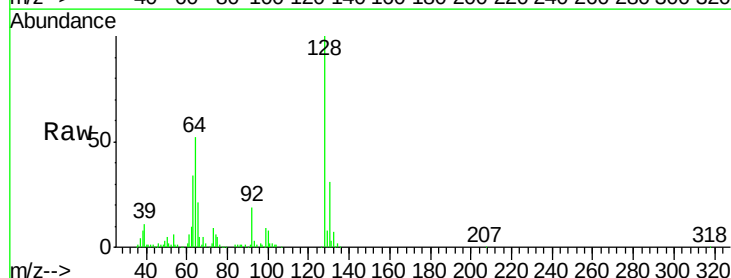
Tgt Ion: 128 Resp: 128926

Ion Ratio Lower Upper

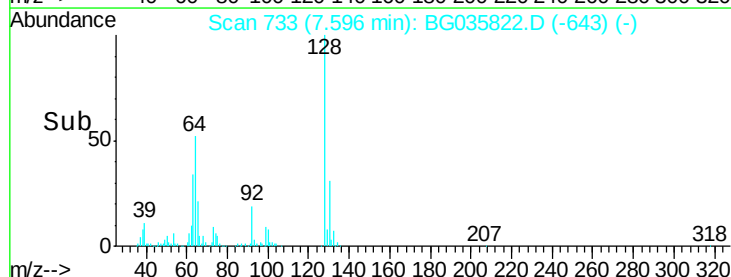
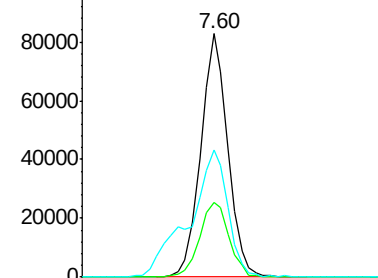
128 100

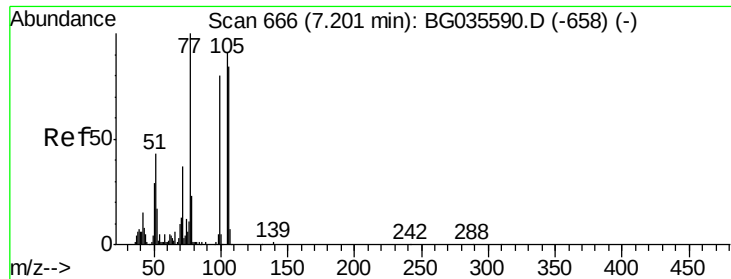
130 30.5 14.0 54.0

64 52.3 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.134 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

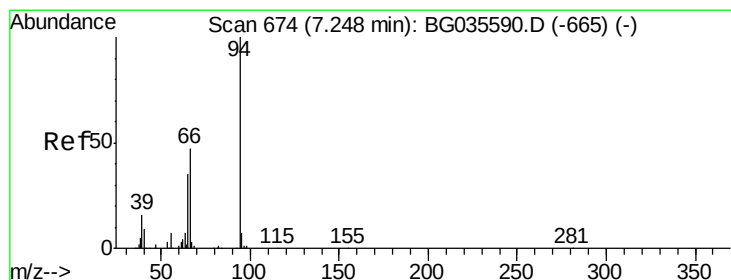
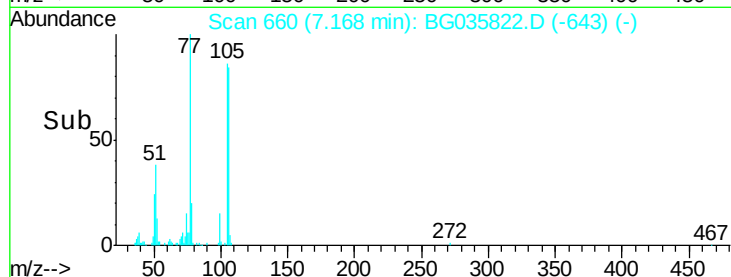
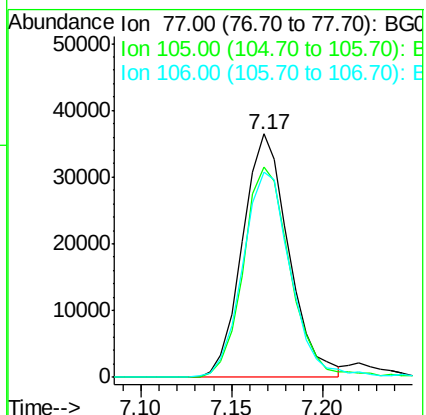
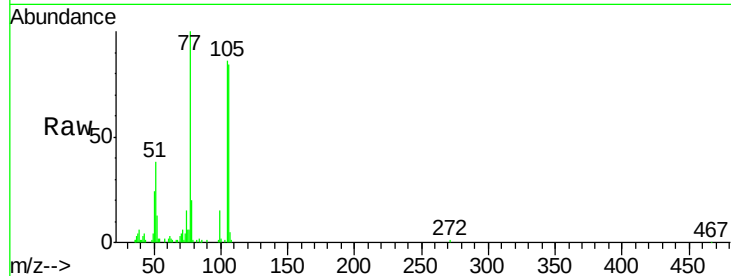
Tgt Ion: 77 Resp: 64513

Ion Ratio Lower Upper

77 100

105 86.2 71.3 111.3

106 84.2 64.2 104.2



#10

Phenol

Concen: 43.552 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

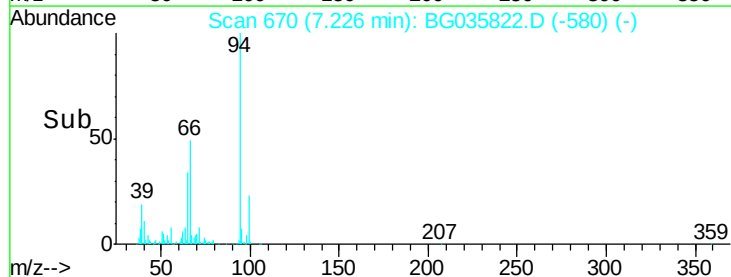
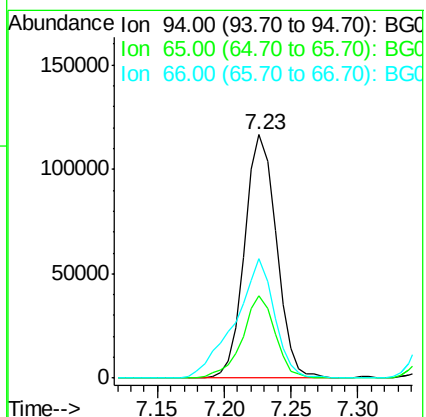
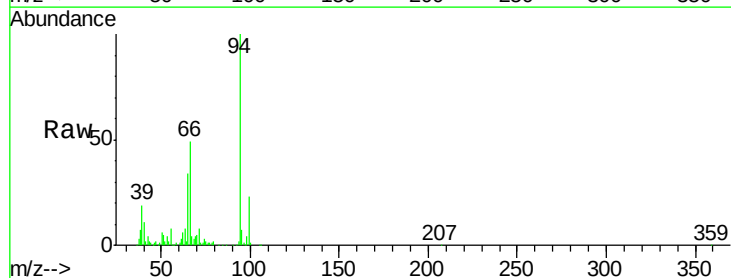
Tgt Ion: 94 Resp: 191691

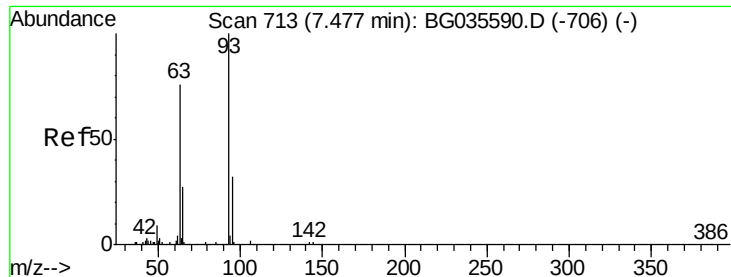
Ion Ratio Lower Upper

94 100

65 33.7 11.9 51.9

66 49.0 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 37.373 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

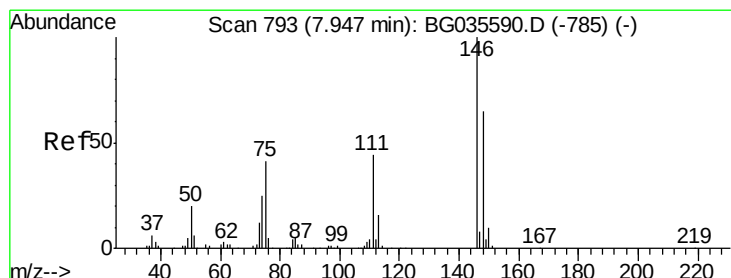
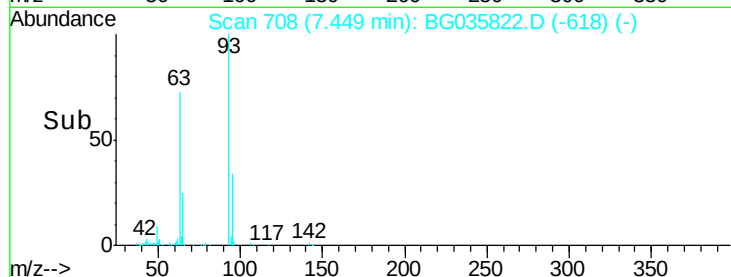
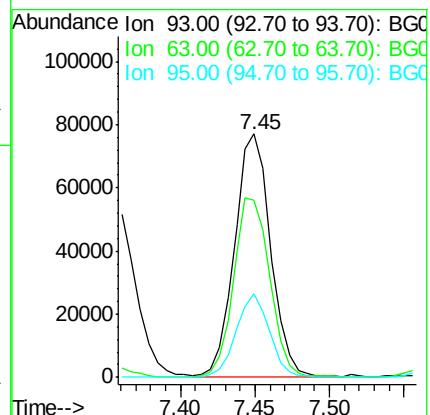
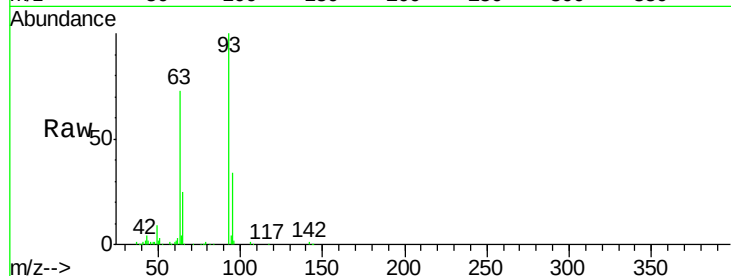
Tgt Ion: 93 Resp: 128822

Ion Ratio Lower Upper

93 100

63 72.7 67.1 107.1

95 34.4 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 40.205 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

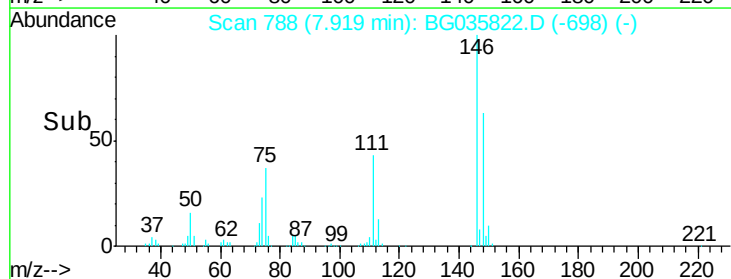
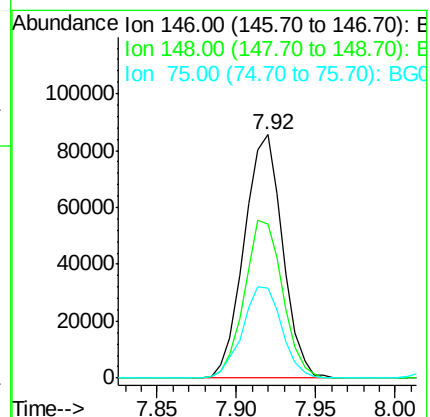
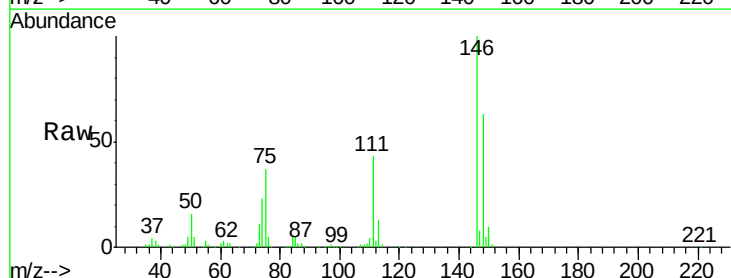
Tgt Ion: 146 Resp: 144184

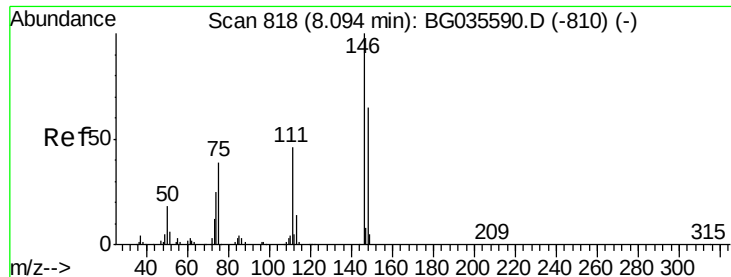
Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.2

75 37.1 26.6 39.8

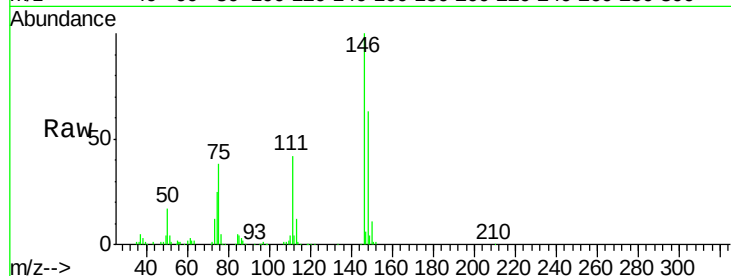




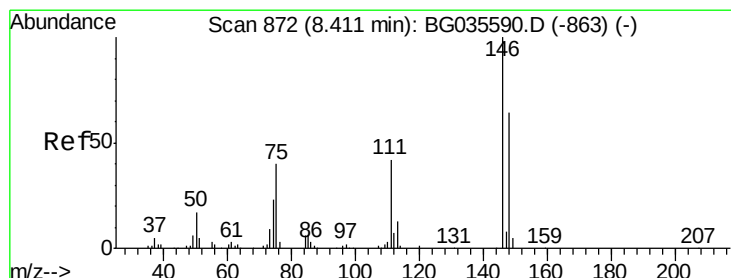
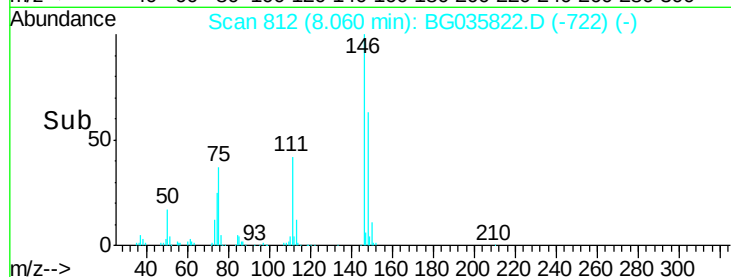
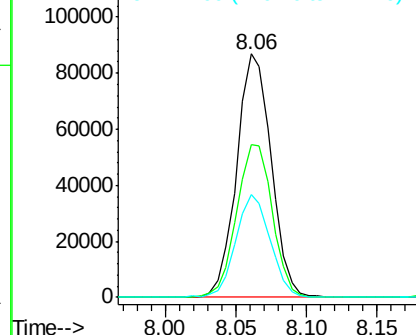
#13
 1,4-Dichlorobenzene
 Concen: 40.646 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.7	80.5
111	42.5	35.2	52.8

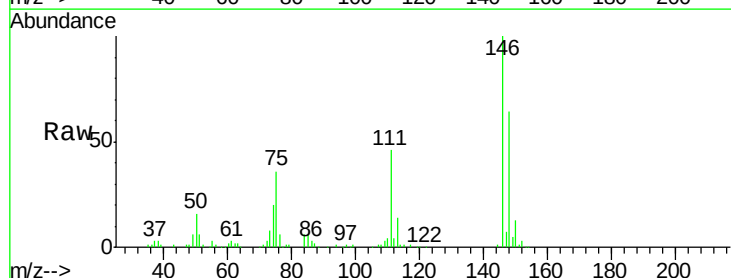


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

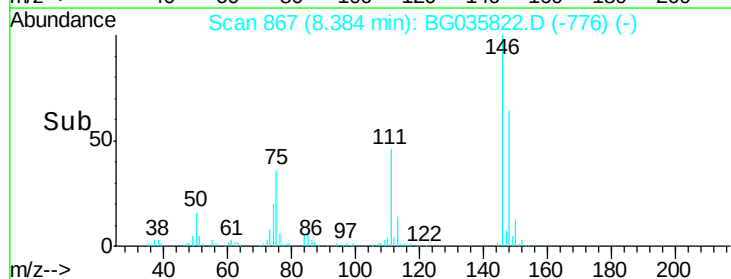
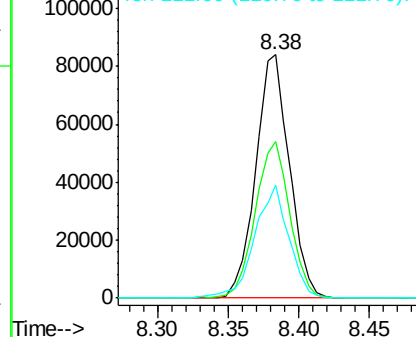


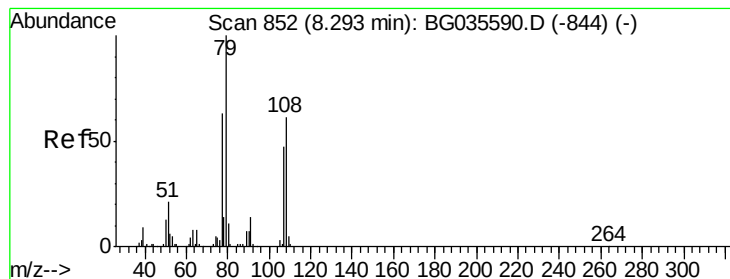
#14
 1,2-Dichlorobenzene
 Concen: 40.220 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.3	73.9
111	46.4	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: 38.013 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

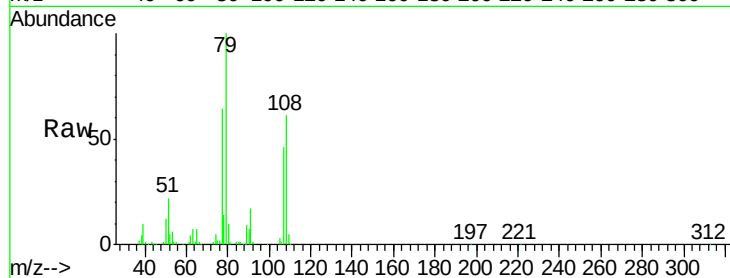
Tgt Ion: 79 Resp: 150384

Ion Ratio Lower Upper

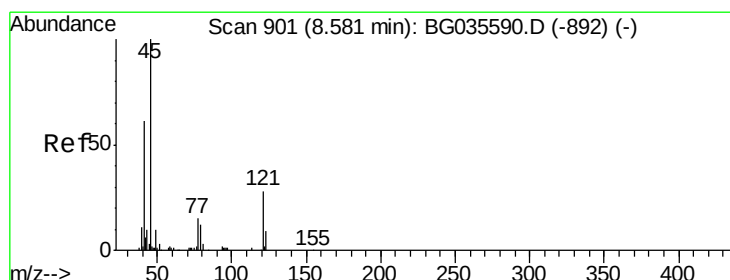
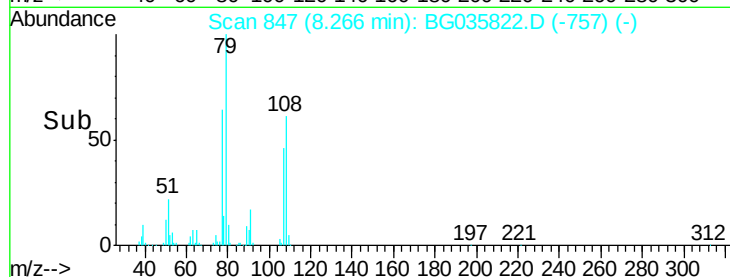
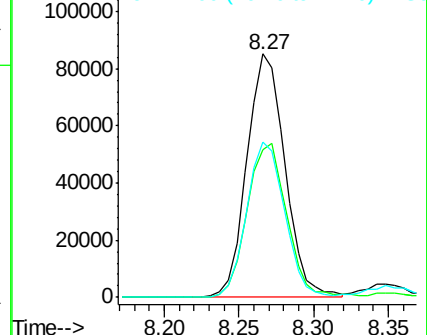
79 100

108 60.9 57.2 85.8

77 63.9 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: 50.164 ng

RT: 8.55 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

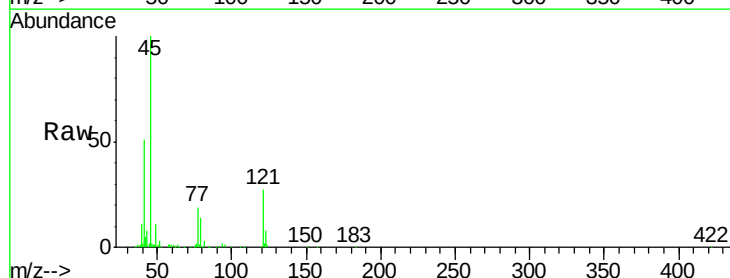
Tgt Ion: 45 Resp: 144964

Ion Ratio Lower Upper

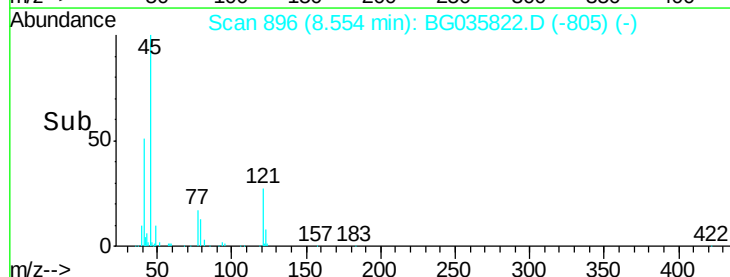
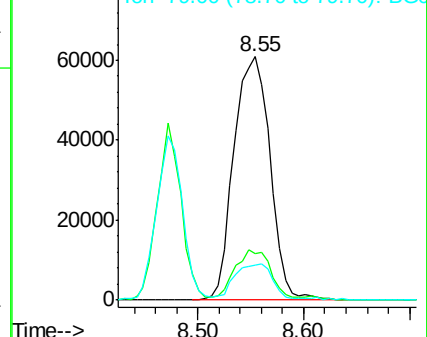
45 100

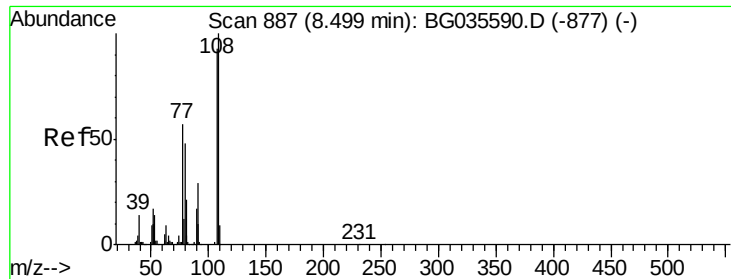
77 19.3 0.0 30.2

79 14.1 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: 43.154 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

Tgt Ion:107 Resp: 129138

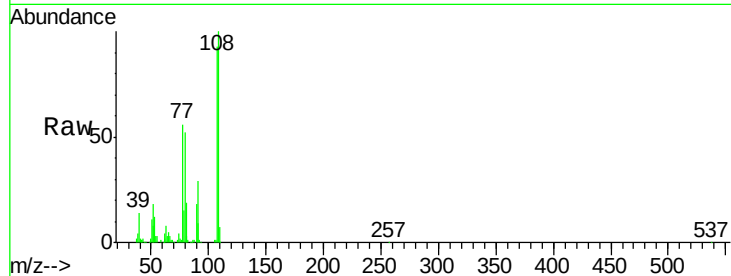
Ion Ratio Lower Upper

107 100

108 107.6 83.9 125.9

77 60.4 37.2 55.8#

79 55.7 36.2 54.2#



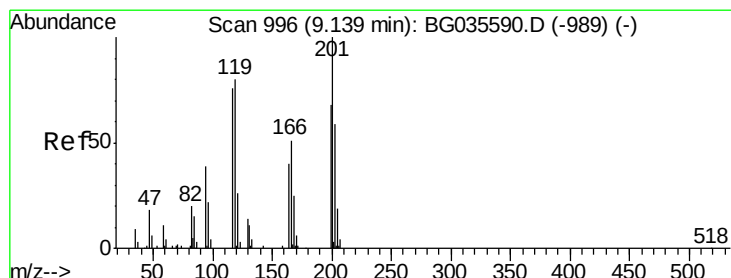
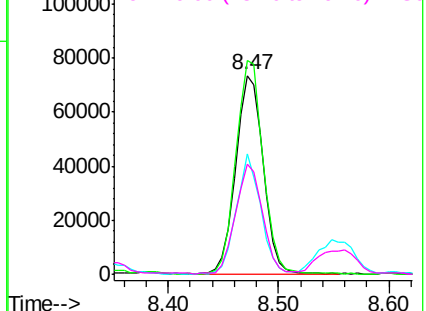
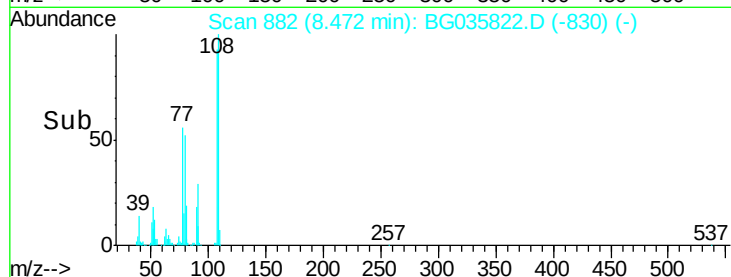
Abundance

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: 39.369 ng

RT: 9.11 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

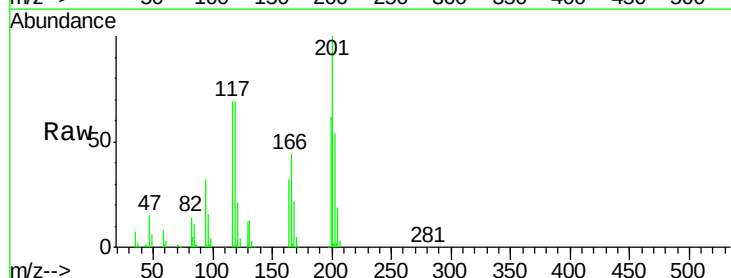
Tgt Ion:117 Resp: 54850

Ion Ratio Lower Upper

117 100

119 99.7 76.7 115.1

201 144.2 95.7 143.5#

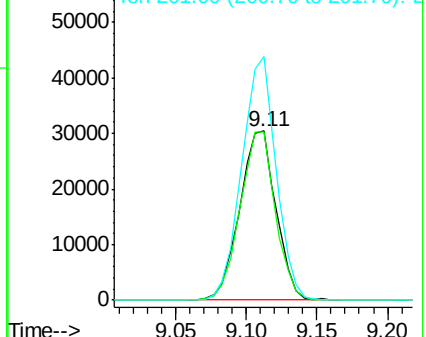
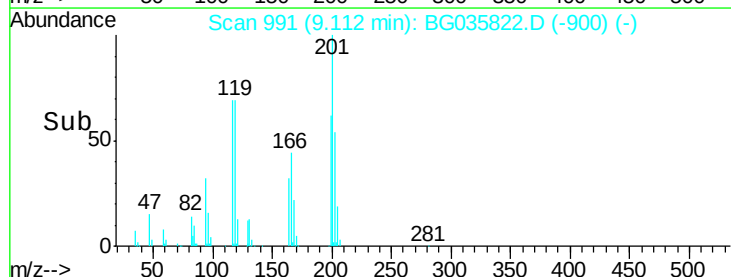


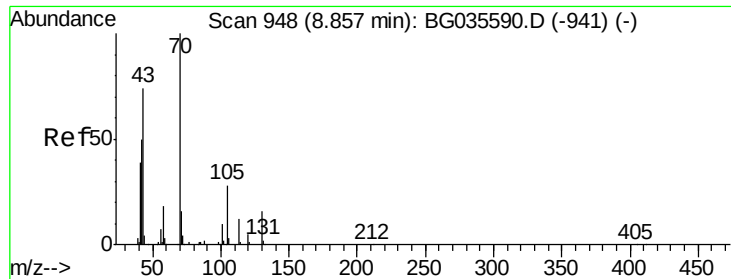
Abundance

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

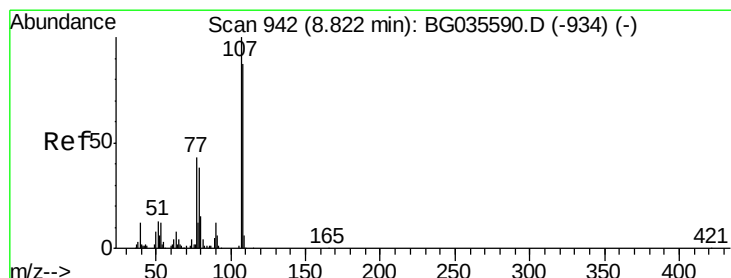
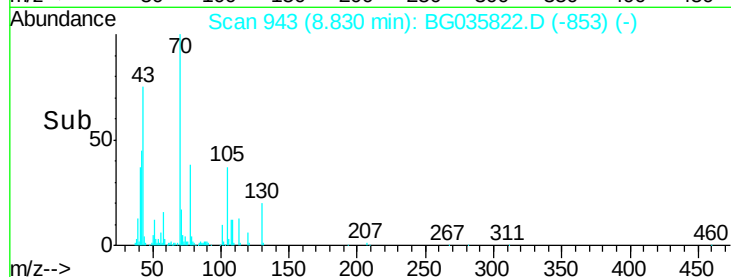
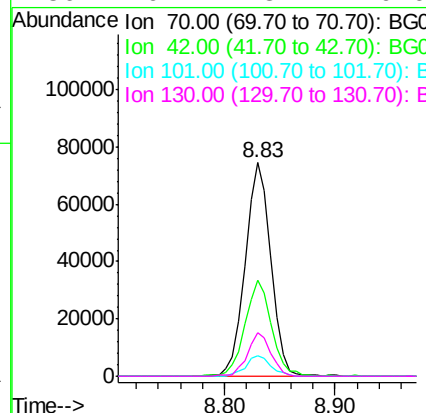
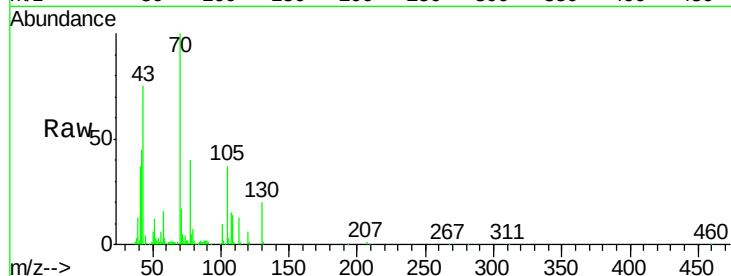




#19
n-Nitroso-di-n-propylamine
Concen: 33.038 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

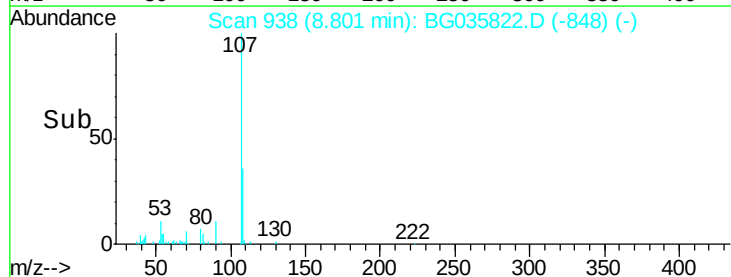
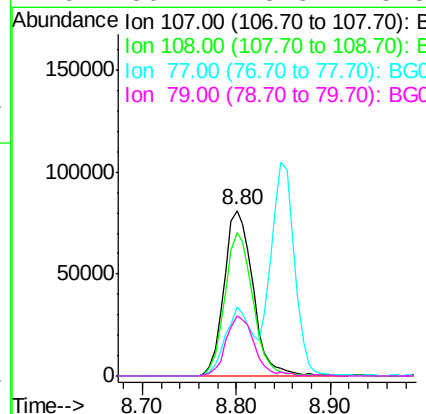
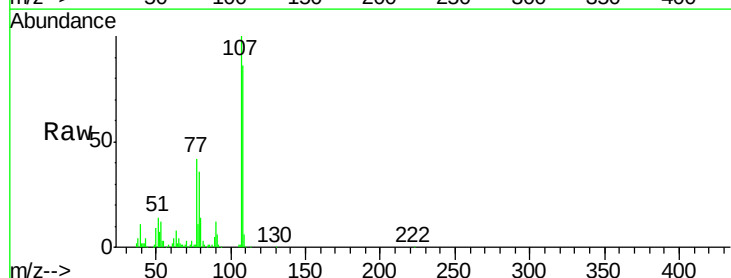
Instrument :
BNA_G
ClientSampleId :
PB111306BS

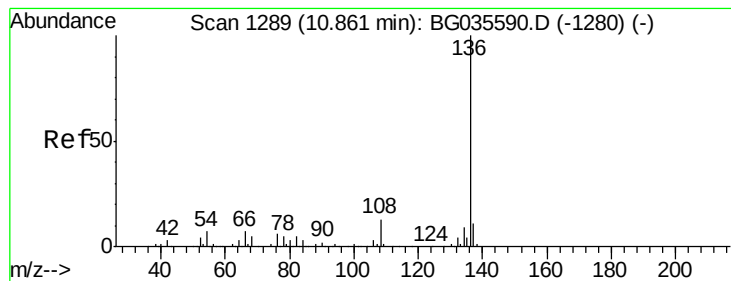
Tgt Ion: 70 Resp: 121203
Ion Ratio Lower Upper
70 100
42 45.0 49.1 73.7#
101 9.7 8.5 12.7
130 20.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.080 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion: 107 Resp: 174694
Ion Ratio Lower Upper
107 100
108 86.3 61.6 101.6
77 41.6 13.9 53.9
79 36.2 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: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

Tgt Ion:136 Resp: 176105

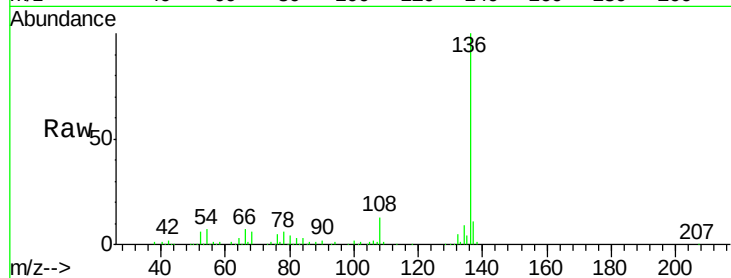
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.3 10.3 15.5#

68 5.8 4.5 6.7

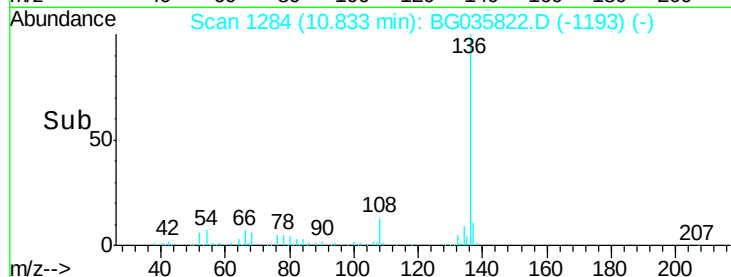


Abundance Ion 136.00 (135.70 to 136.70): E

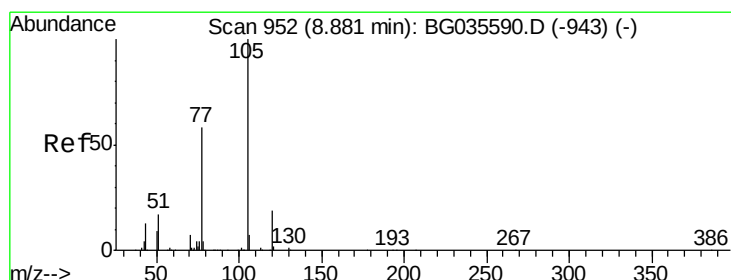
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 40.060 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:105 Resp: 219385

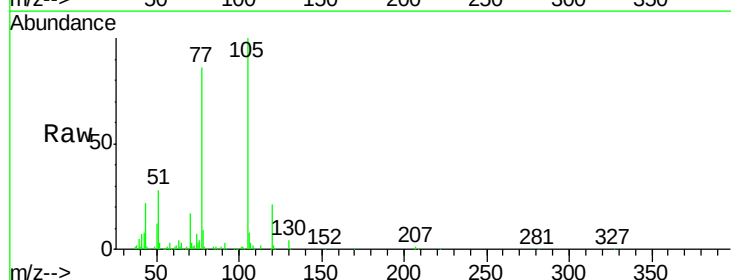
Ion Ratio Lower Upper

105 100

71 2.7 3.0 4.4#

51 27.9 26.1 39.1

120 21.4 17.4 26.2

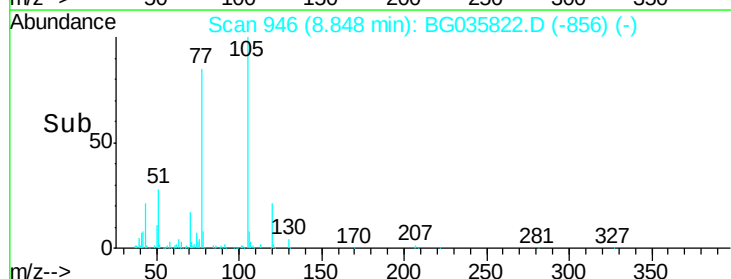


Abundance Ion 105.00 (104.70 to 105.70): E

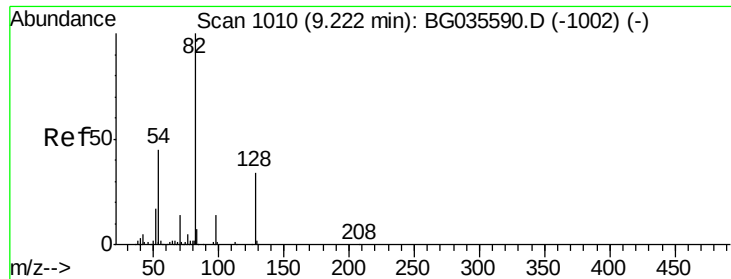
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



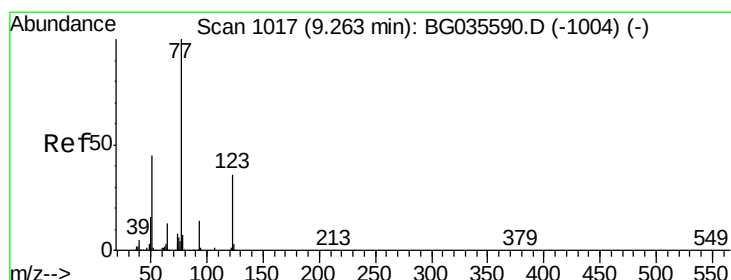
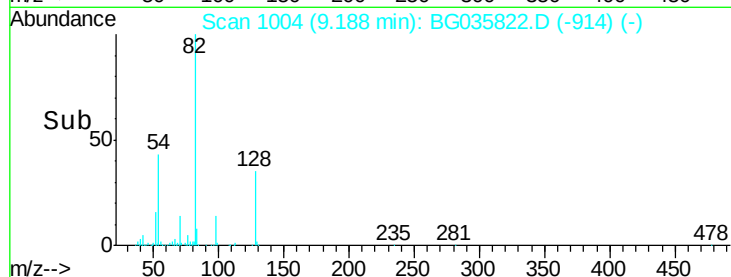
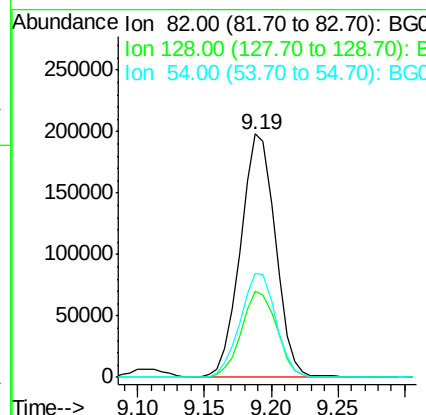
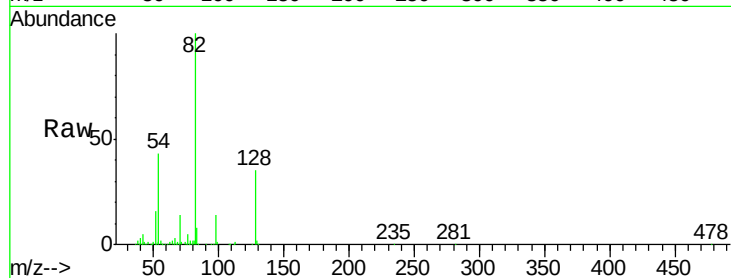
Time-->



#23
 Nitrobenzene-d5
 Concen: 84.989 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

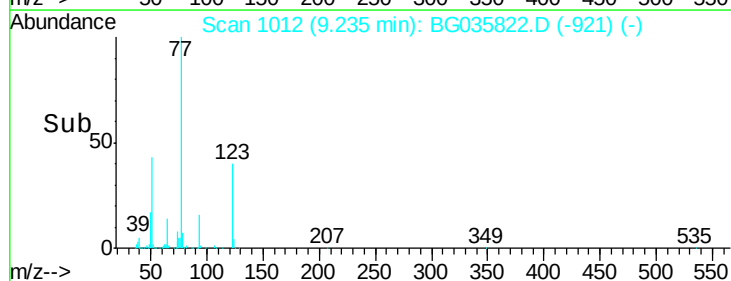
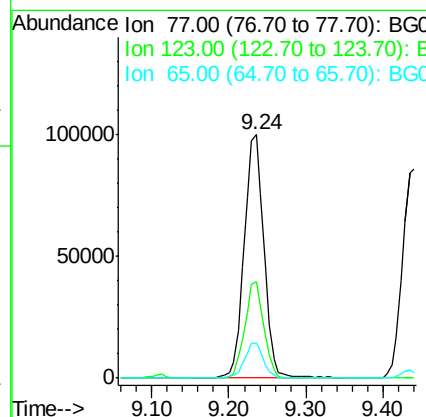
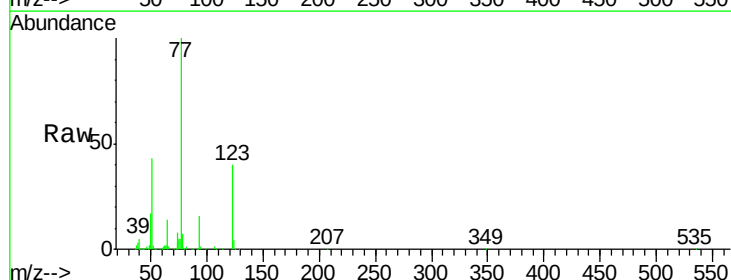
Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

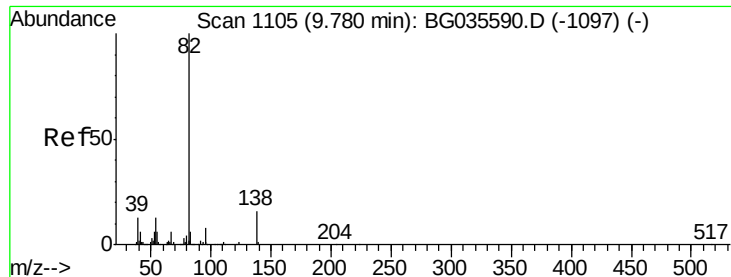
Tgt Ion: 82 Resp: 358278
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 42.9 43.1 64.7#



#24
 Nitrobenzene
 Concen: 42.400 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion: 77 Resp: 179757
 Ion Ratio Lower Upper
 77 100
 123 39.6 33.0 49.6
 65 14.3 13.0 19.6





#25

Isophorone

Concen: 43.275 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

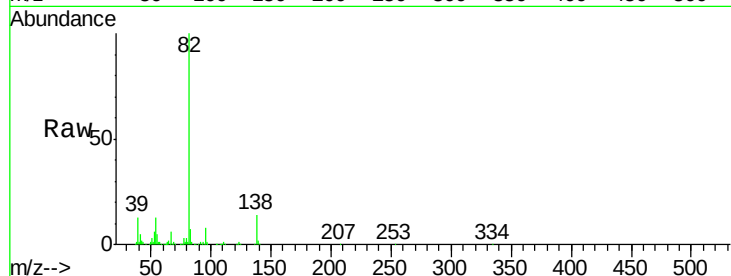
Tgt Ion: 82 Resp: 338653

Ion Ratio Lower Upper

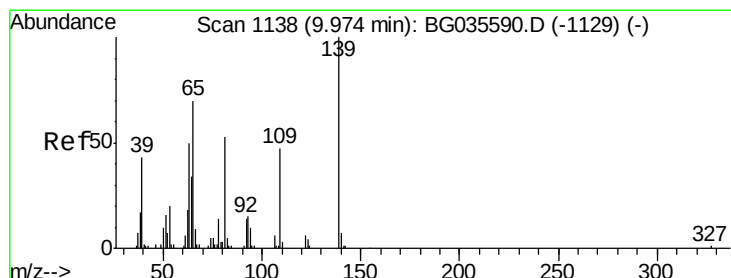
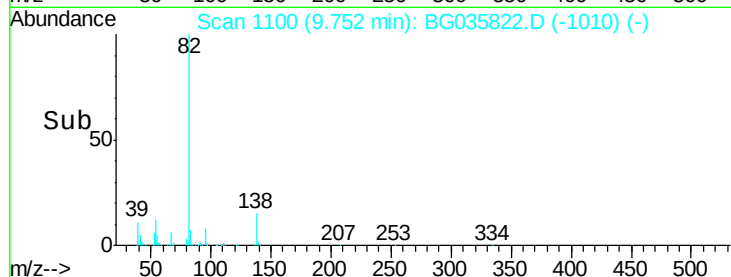
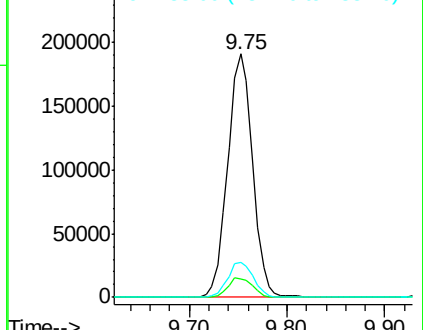
82 100

95 7.7 6.2 9.2

138 14.3 12.1 18.1



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



#26

2-Nitrophenol

Concen: 50.237 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

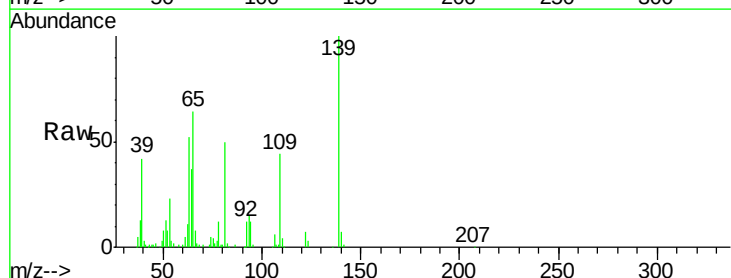
Tgt Ion: 139 Resp: 75642

Ion Ratio Lower Upper

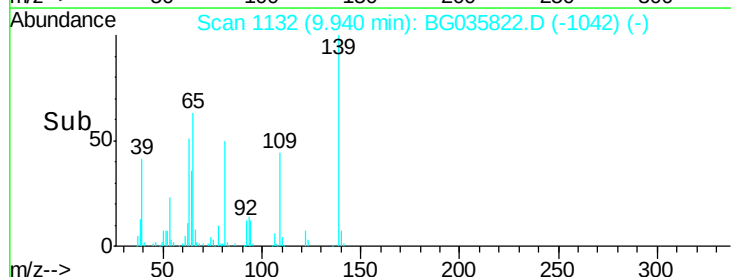
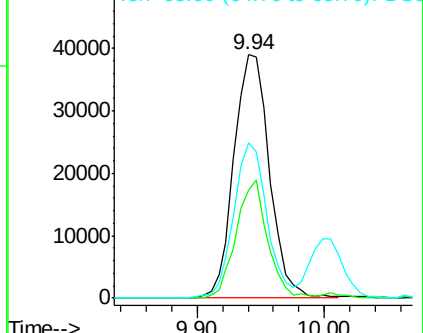
139 100

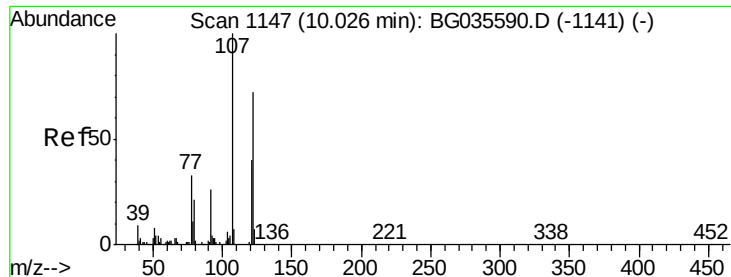
109 44.2 24.2 36.2#

65 63.9 47.4 71.0



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

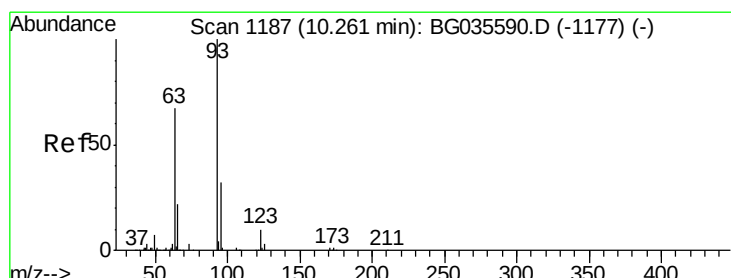
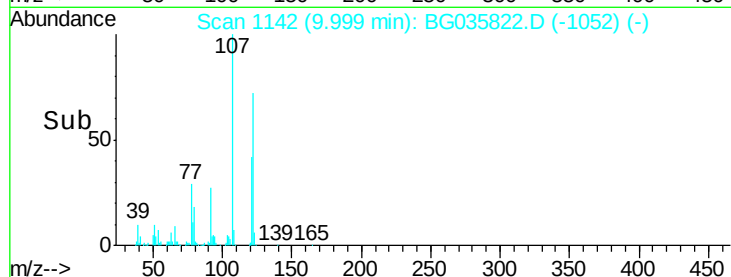
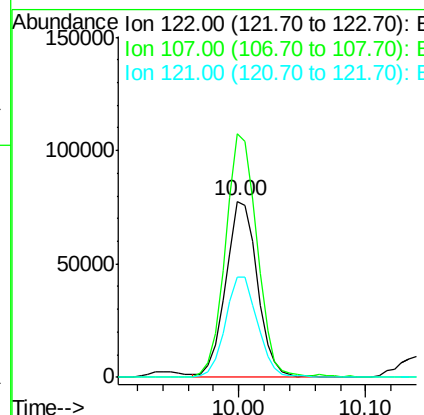
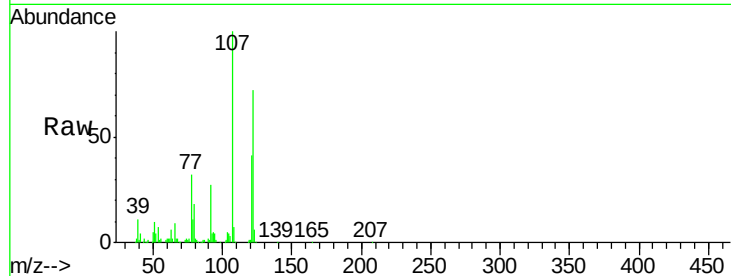




#27
2,4-Dimethylphenol
Concen: 52.885 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

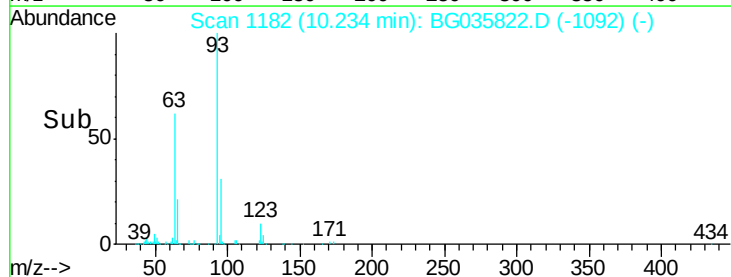
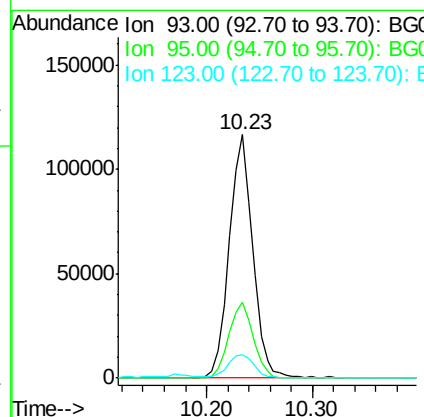
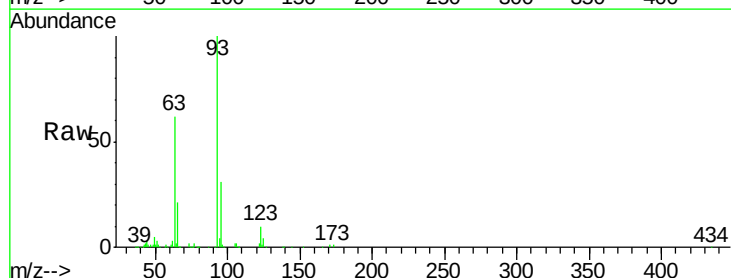
Instrument :
BNA_G
ClientSampleId :
PB111306BS

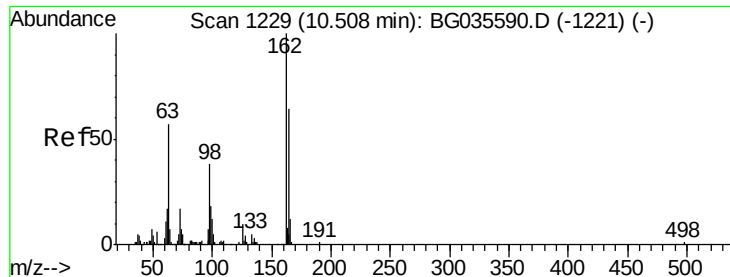
Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.5	100.2	150.2
121	57.3	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.693 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	24.3	36.5
123	9.9	8.4	12.6

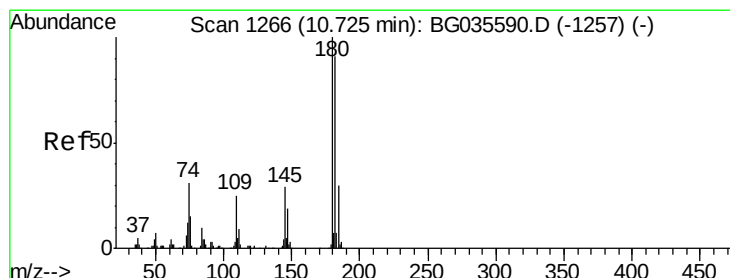
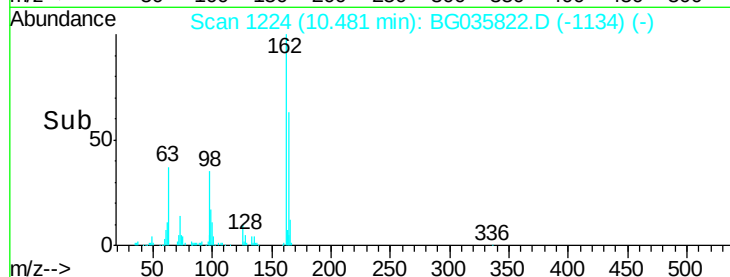
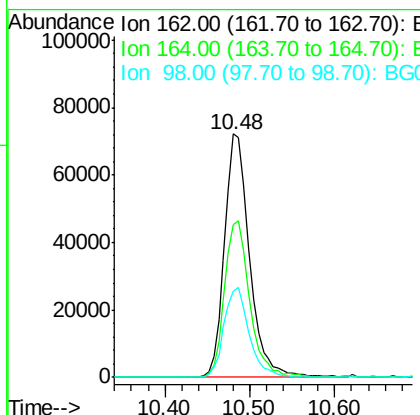
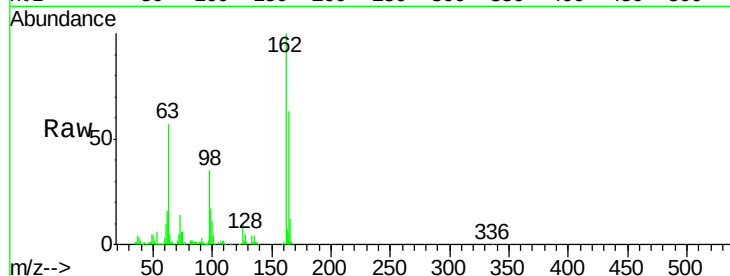




#29
 2,4-Dichlorophenol
 Concen: 50.763 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

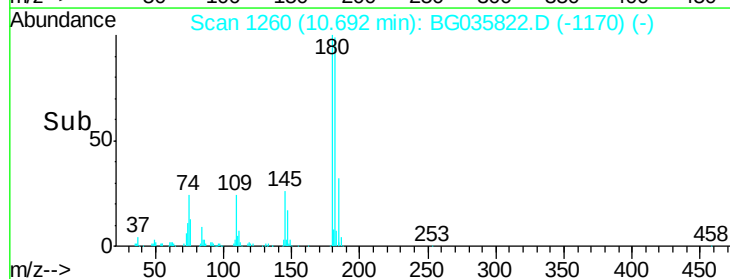
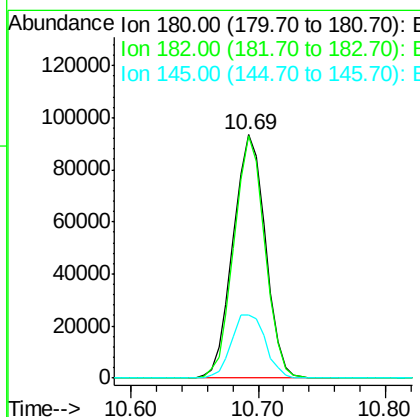
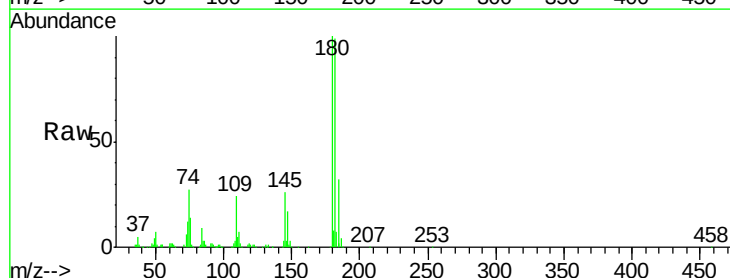
Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

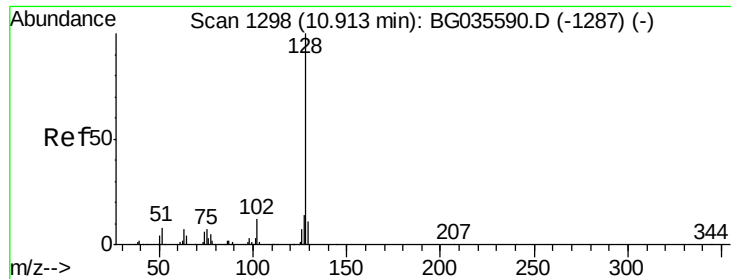
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	48.0	88.0
98	35.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.209 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	77.5	116.3
145	26.1	23.4	35.2

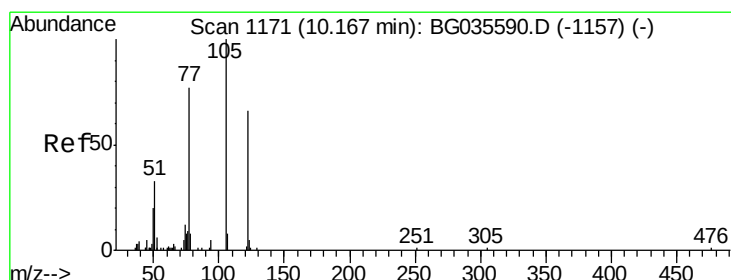
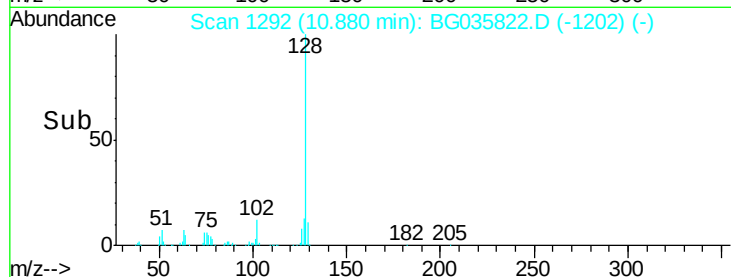
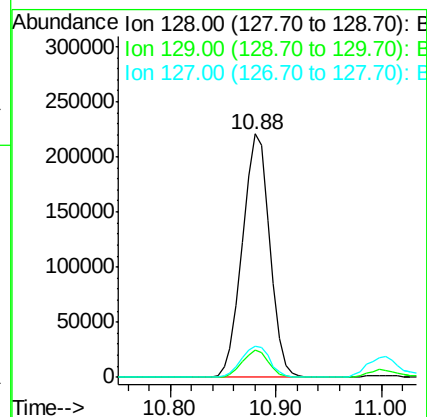
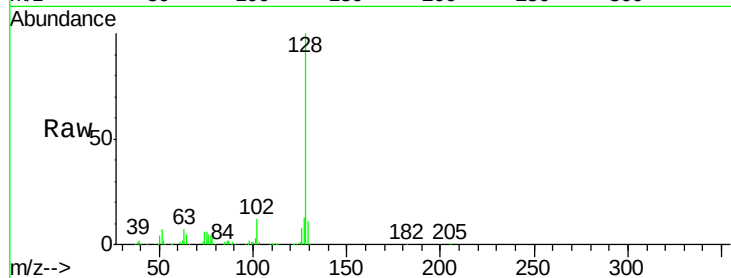




#31
Naphthalene
Concen: 43.047 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

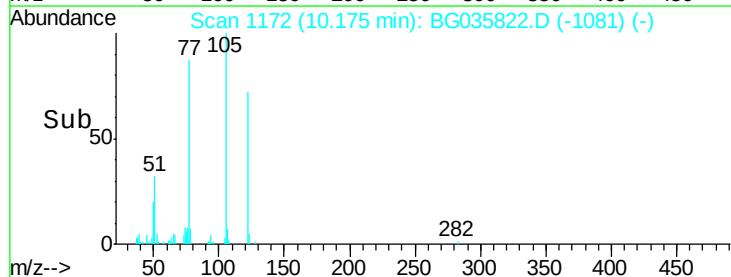
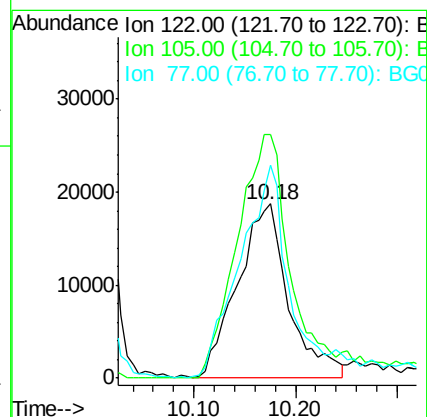
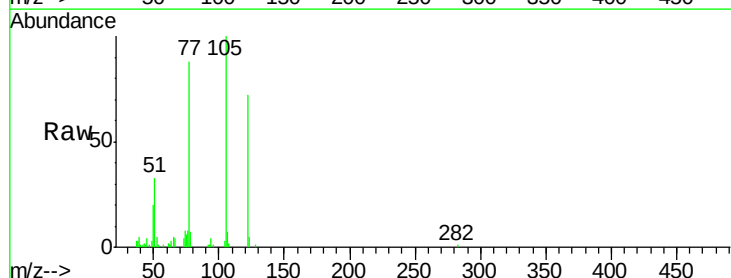
Instrument :
BNA_G
ClientSampleId :
PB111306BS

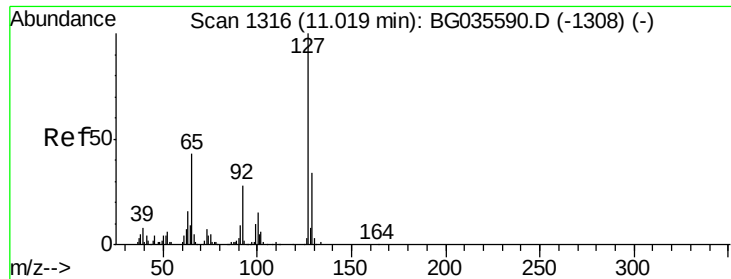
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	12.8	11.6	17.4



#32
Benzoic acid
Concen: 38.262 ng
RT: 10.18 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.6	123.5	163.5
77	122.3	85.7	125.7

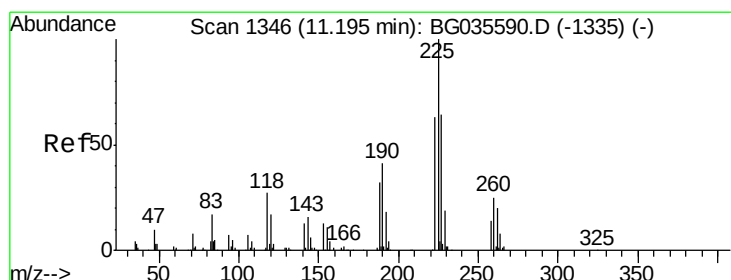
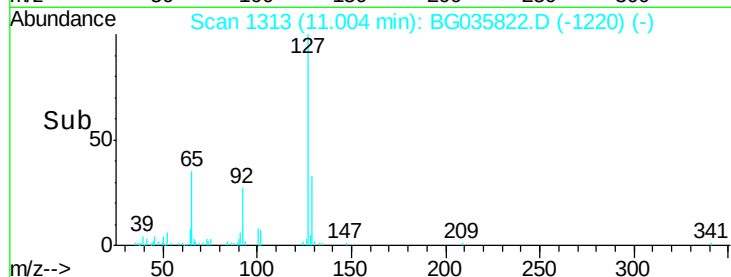
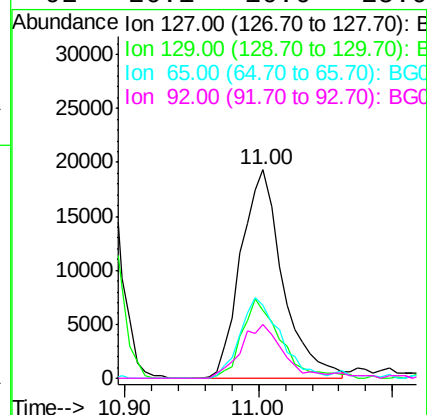
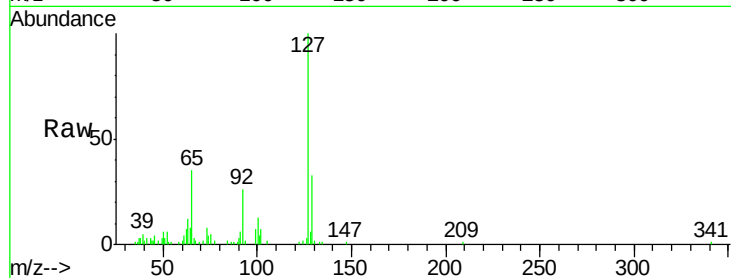




#33
4-Chloroaniline
Concen: 10.524 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

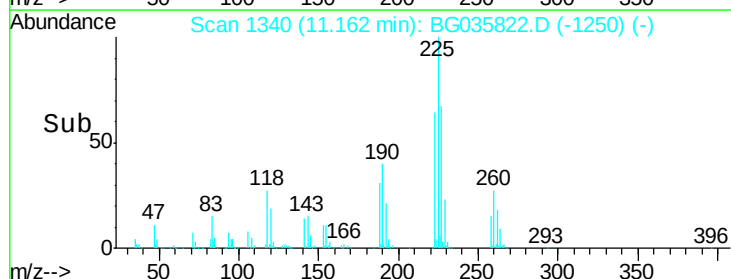
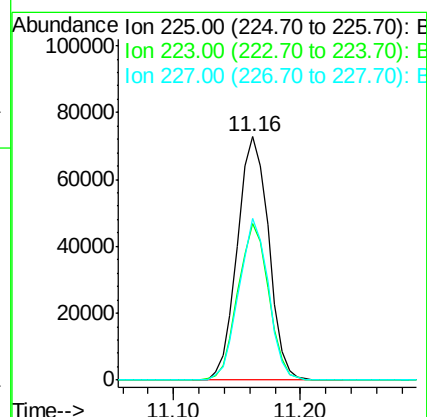
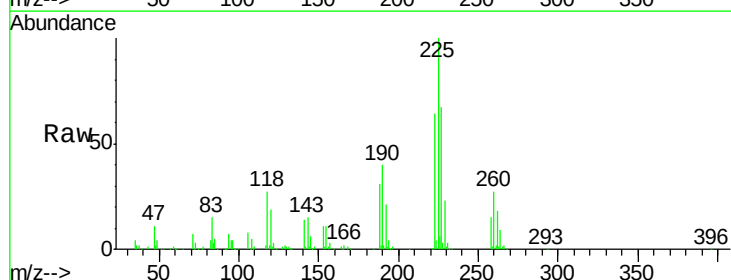
Instrument :
BNA_G
ClientSampleId :
PB111306BS

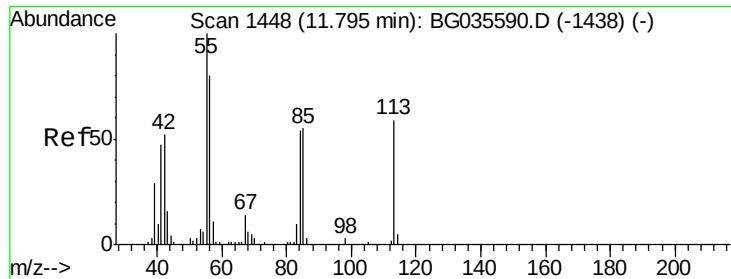
Tgt Ion:	127	Resp:	42078
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	34.8	27.0	40.4
92	26.1	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 44.628 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion:	225	Resp:	124152
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.7	74.5
227	66.6	48.1	72.1





#35

Caprolactam

Concen: 25.737 ng

RT: 11.78 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

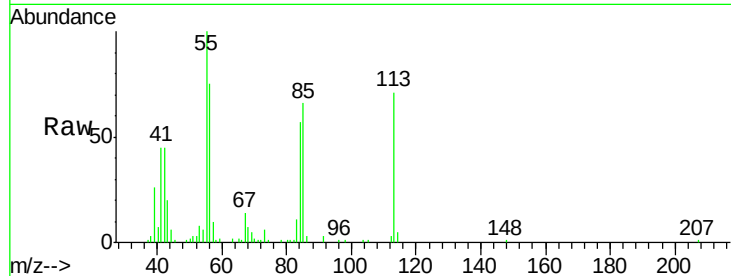
Tgt Ion:113 Resp: 32134

Ion Ratio Lower Upper

113 100

55 141.1 186.9 226.9#

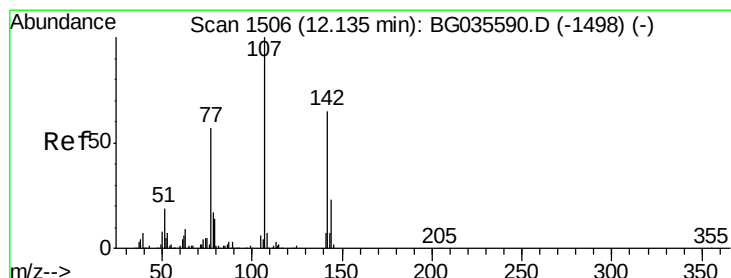
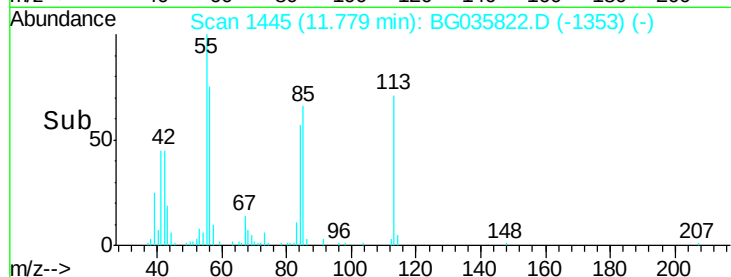
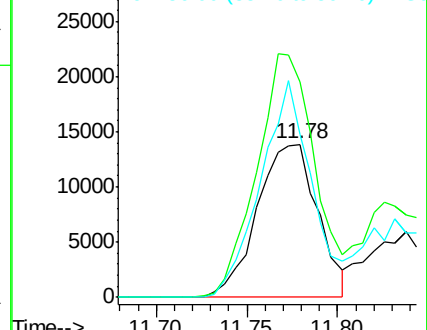
56 106.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.325 ng

RT: 12.12 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

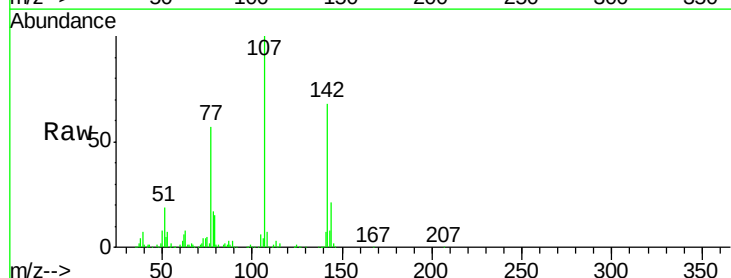
Tgt Ion:107 Resp: 184557

Ion Ratio Lower Upper

107 100

144 21.2 18.2 27.4

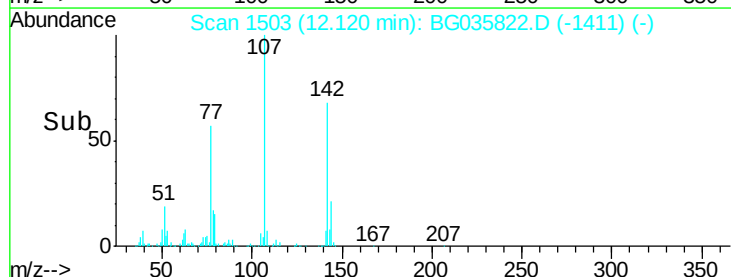
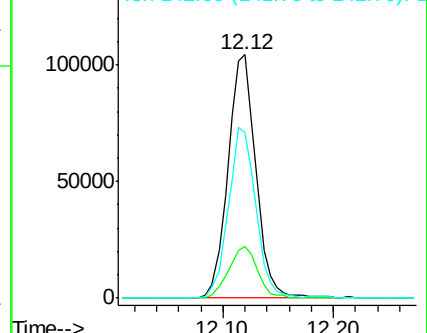
142 68.2 59.0 88.4

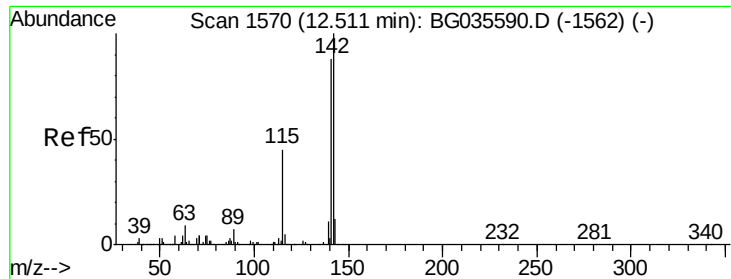


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

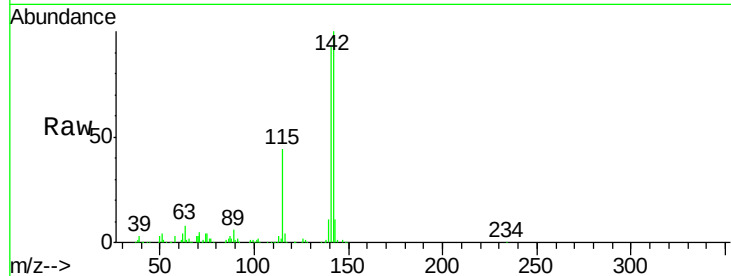




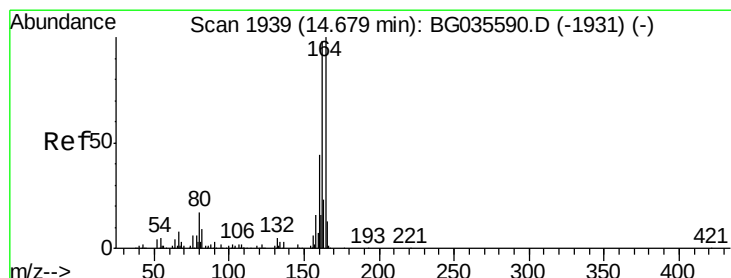
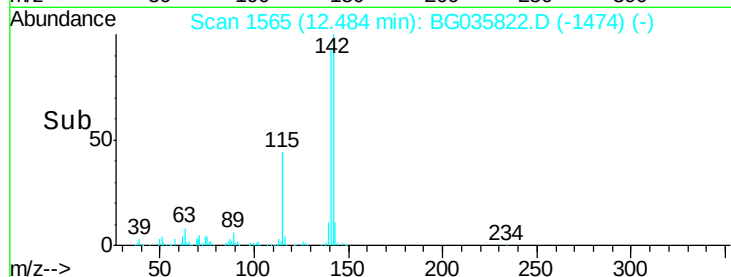
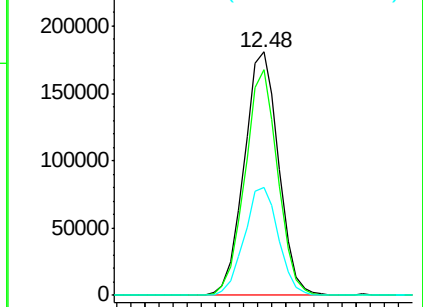
#37
 2-Methylnaphthalene
 Concen: 45.092 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	67.1	100.7
115	44.2	30.7	46.1

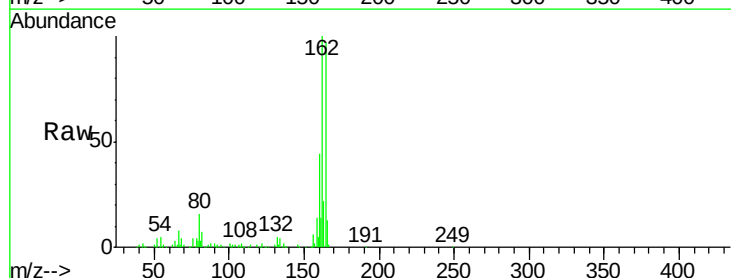


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

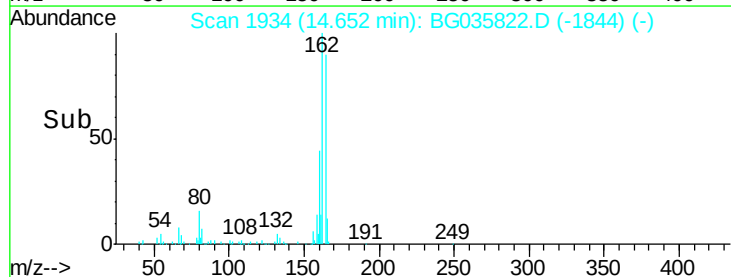
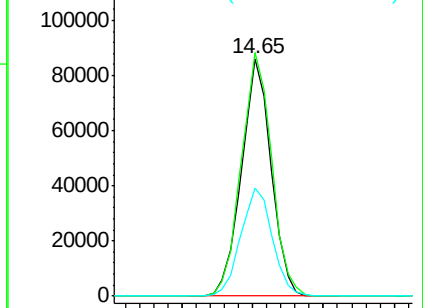


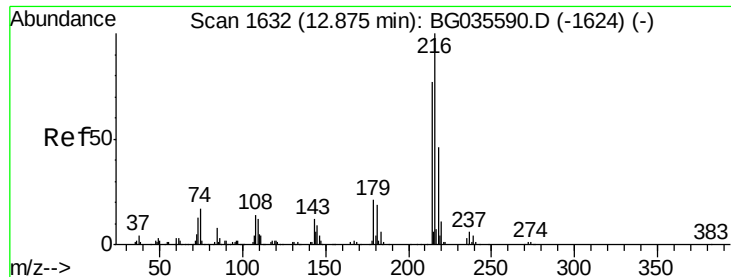
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	45.4	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

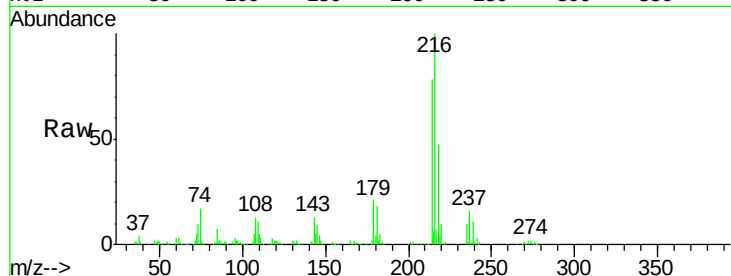




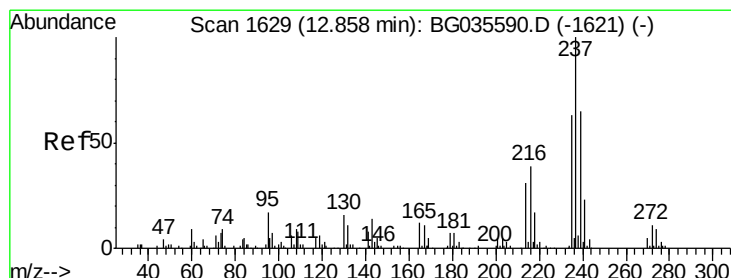
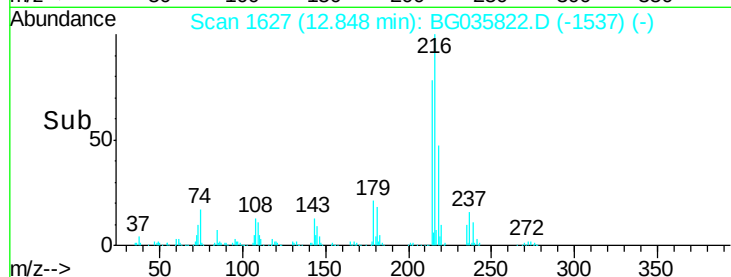
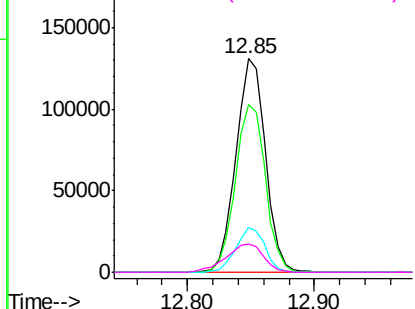
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.272 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tgt Ion:	216	Resp:	210602
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.6	17.0	25.6
108	16.8	12.8	19.2

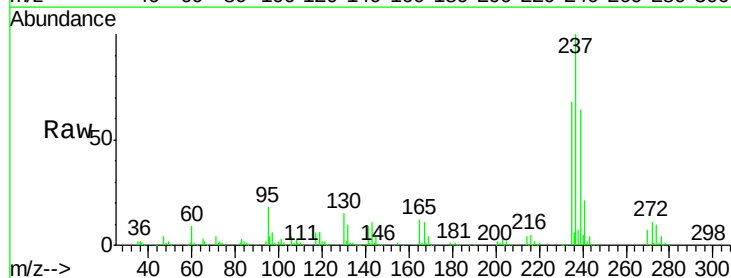


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

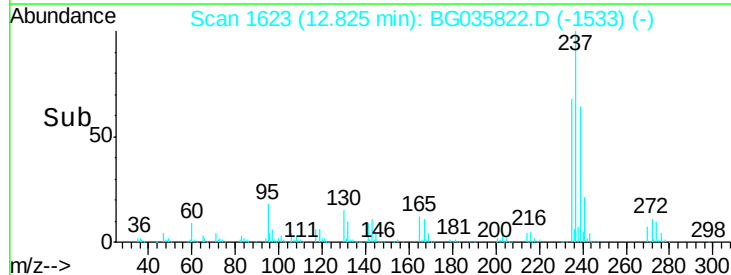
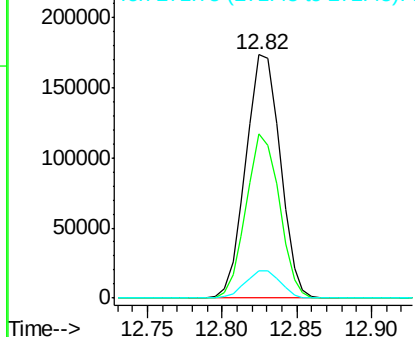


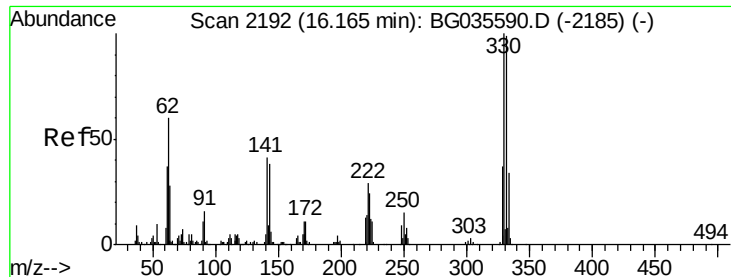
#40
 Hexachlorocyclopentadiene
 Concen: 111.093 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion:	237	Resp:	277153
Ion	Ratio	Lower	Upper
237	100		
235	67.5	50.4	90.4
272	11.5	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 160.120 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

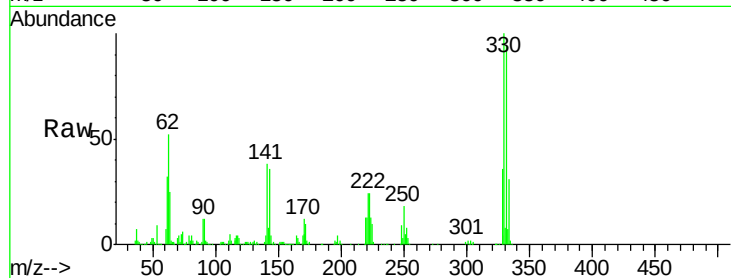
Tgt Ion:330 Resp: 265997

Ion Ratio Lower Upper

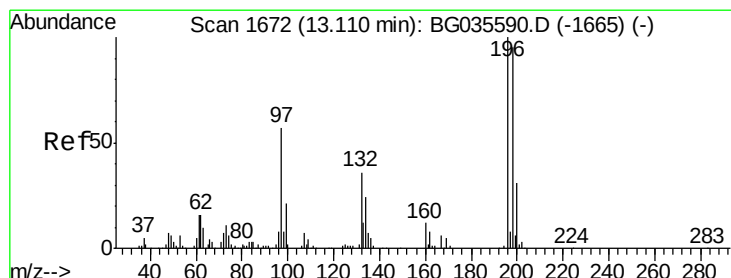
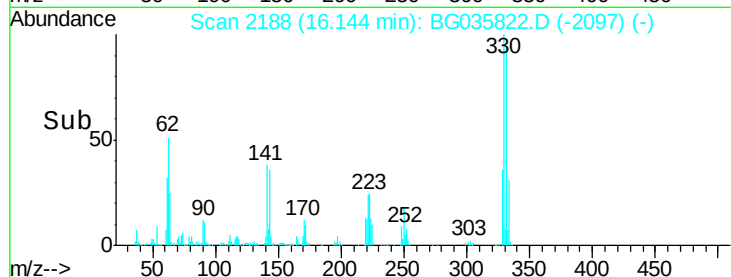
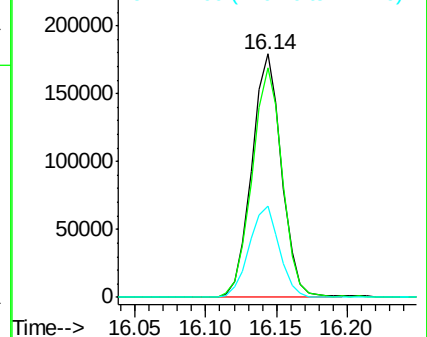
330 100

332 95.0 77.0 115.6

141 38.0 25.2 37.8#



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



#42

2,4,6-Trichlorophenol

Concen: 50.534 ng

RT: 13.09 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

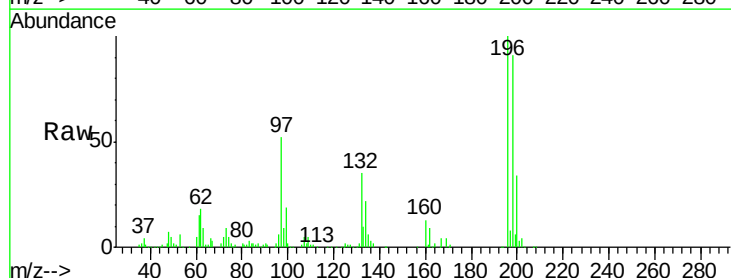
Tgt Ion:196 Resp: 140581

Ion Ratio Lower Upper

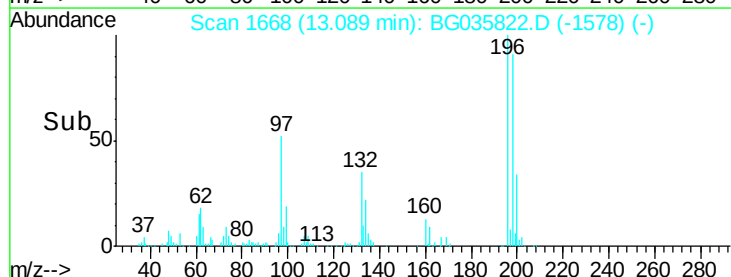
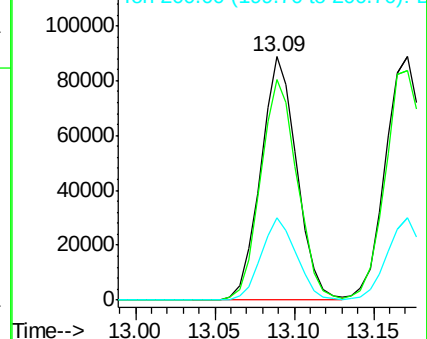
196 100

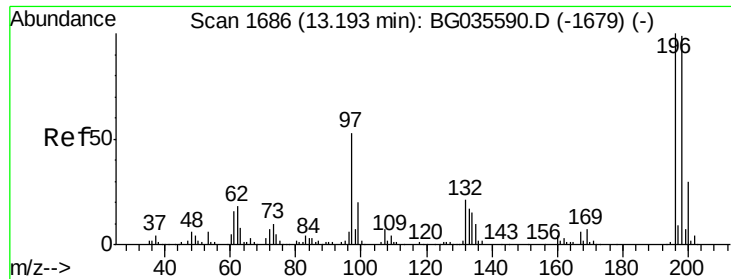
198 90.9 78.2 117.2

200 33.8 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

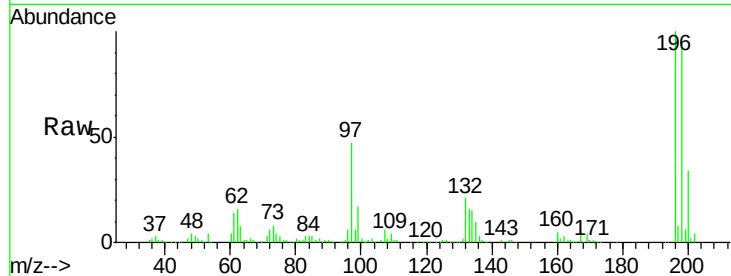




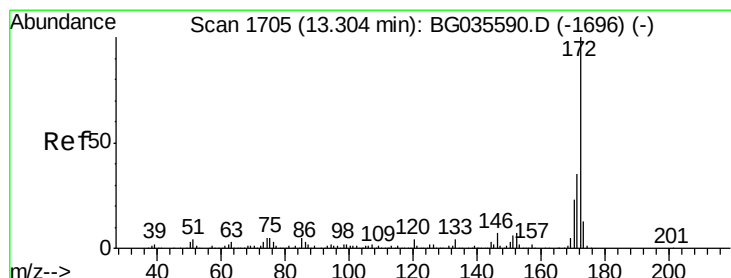
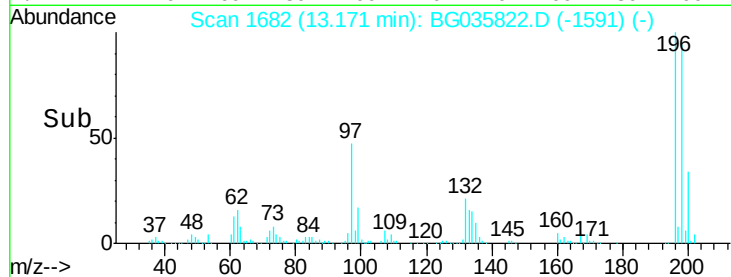
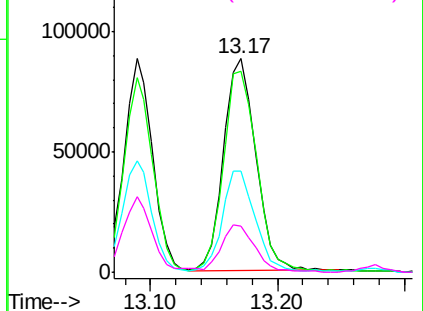
#43
 2,4,5-Trichlorophenol
 Concen: 50.125 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tgt Ion	Resp	Lower	Upper
196	155995		
198	94.0	76.2	114.4
97	47.2	38.7	58.1
132	21.5	20.2	30.2

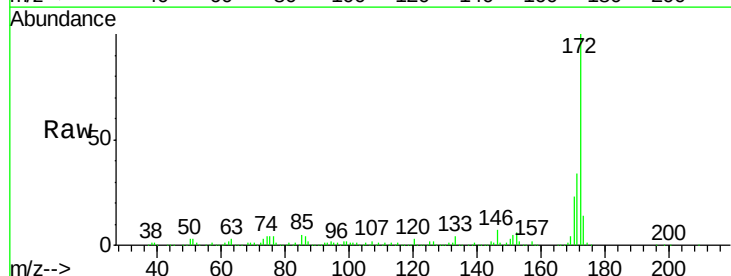


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

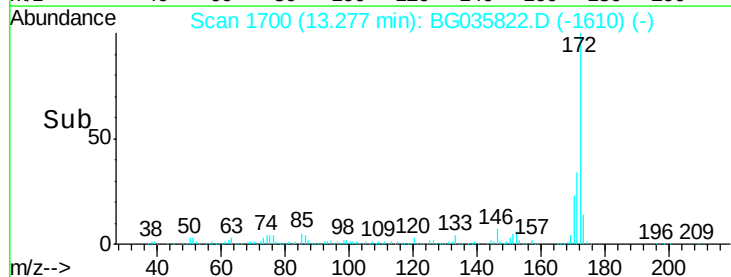
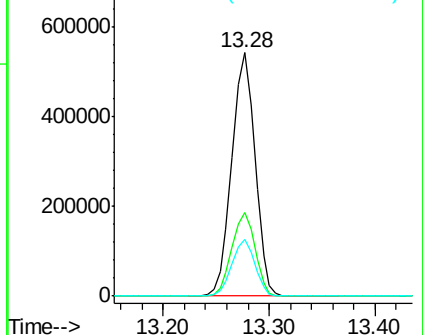


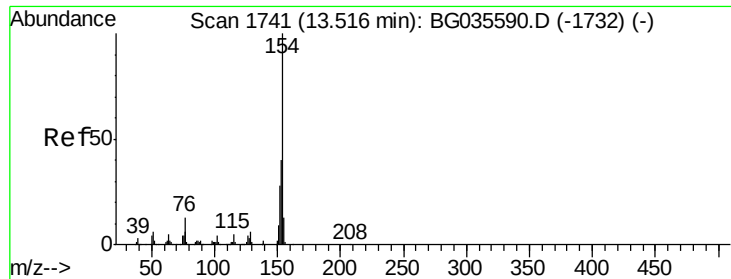
#44
 2-Fluorobiphenyl
 Concen: 87.617 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Resp	Lower	Upper
172	824255		
171	34.4	30.0	45.0
170	23.5	19.5	29.3



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

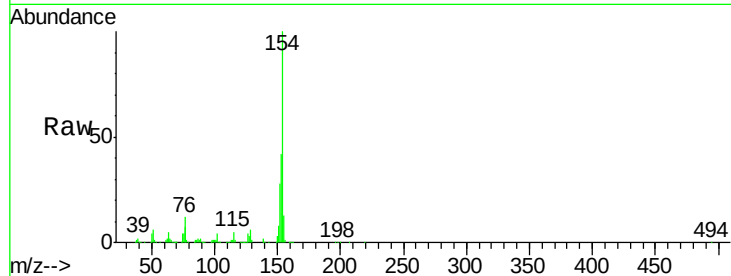




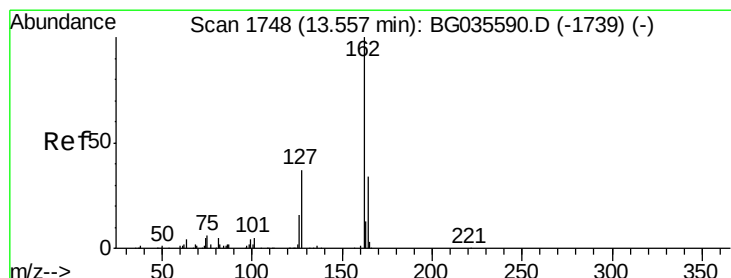
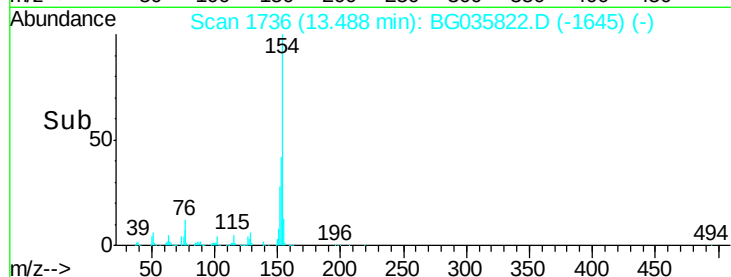
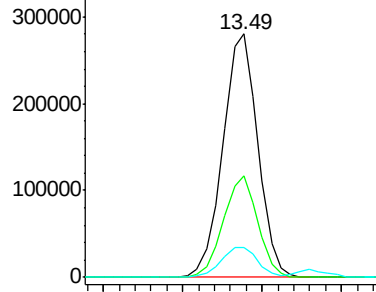
#45
 1,1'-Biphenyl
 Concen: 43.894 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	12.5	0.0	31.9

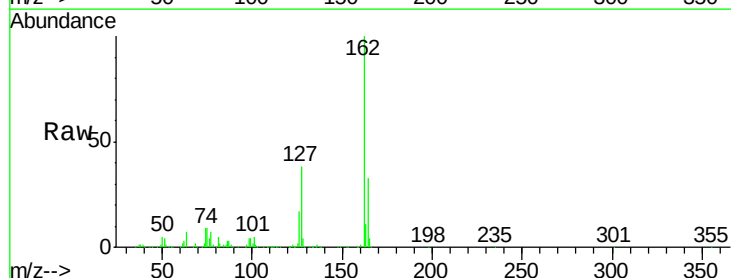


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

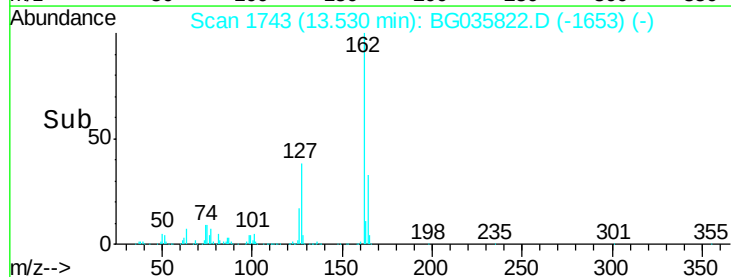
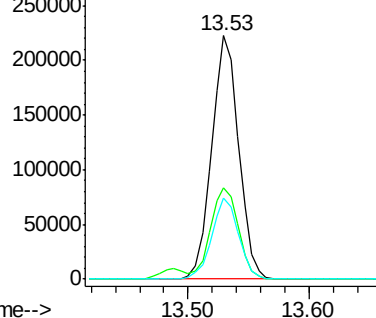


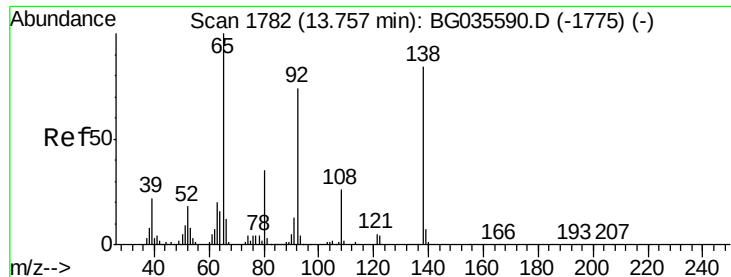
#46
 2-Chloronaphthalene
 Concen: 45.531 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.7	46.1
164	33.2	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

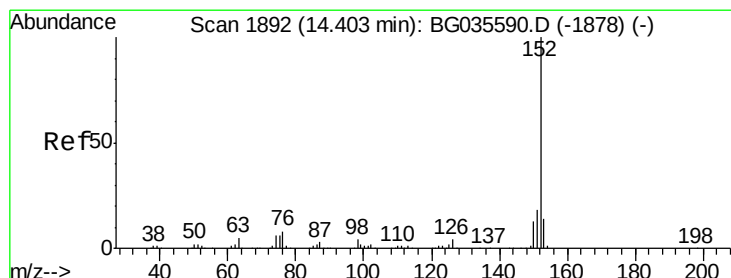
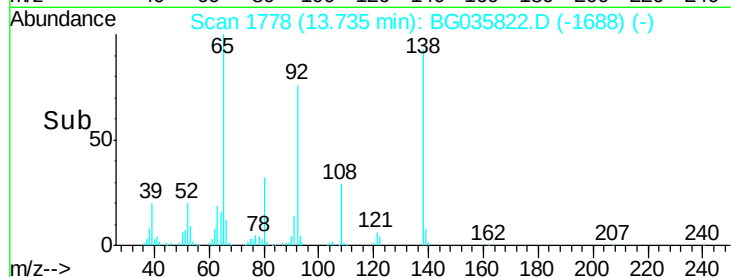
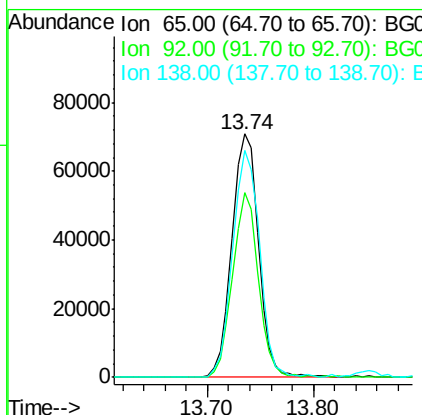
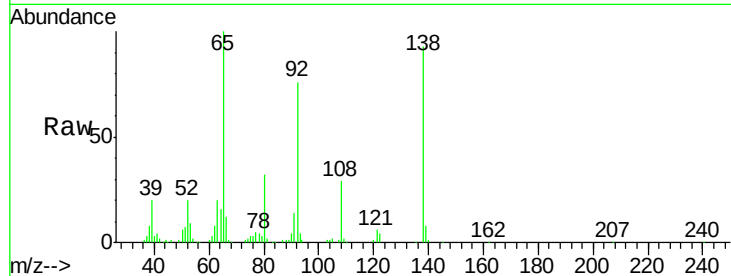




#47
2-Nitroaniline
Concen: 45.911 ng
RT: 13.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

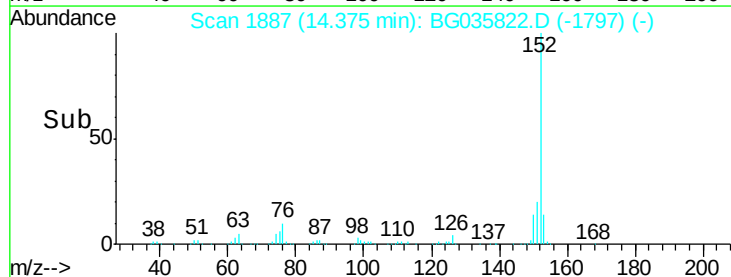
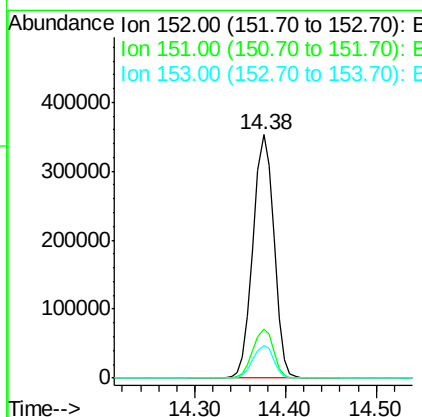
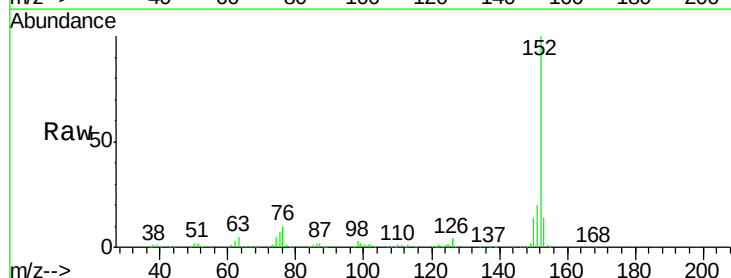
Instrument :
BNA_G
ClientSampleId :
PB111306BS

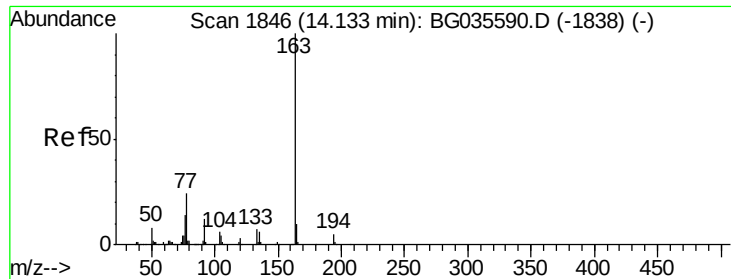
Tgt Ion: 65 Resp: 123366
Ion Ratio Lower Upper
65 100
92 75.7 54.6 82.0
138 93.4 72.9 109.3



#48
Acenaphthylene
Concen: 44.405 ng
RT: 14.38 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion: 152 Resp: 565370
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 43.911 ng

RT: 14.11 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

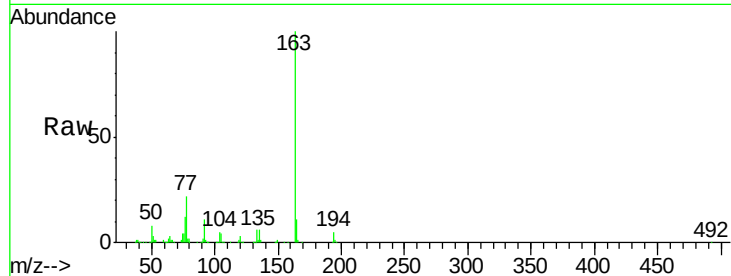
Tgt Ion:163 Resp: 484894

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

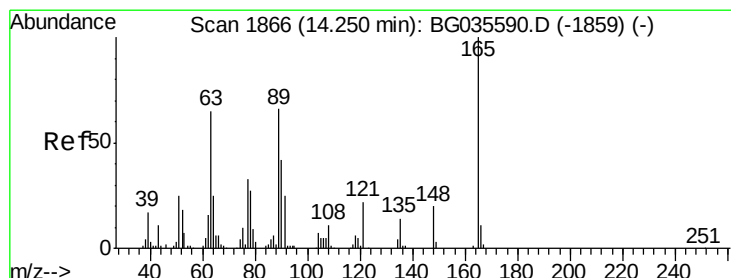
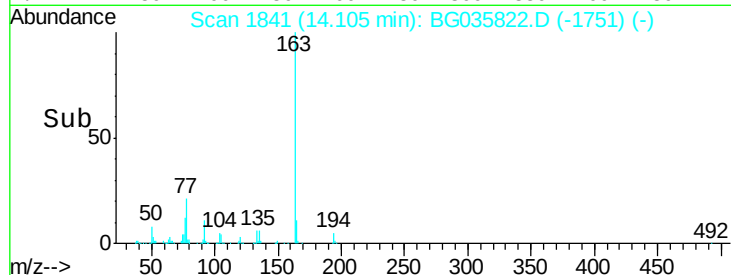
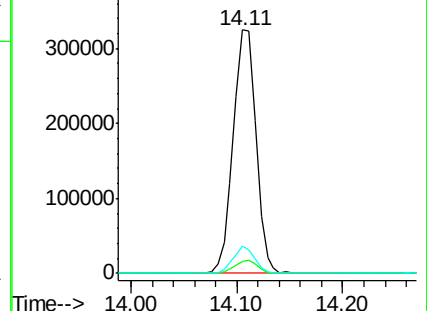
164 11.3 8.2 12.4



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: 49.892 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

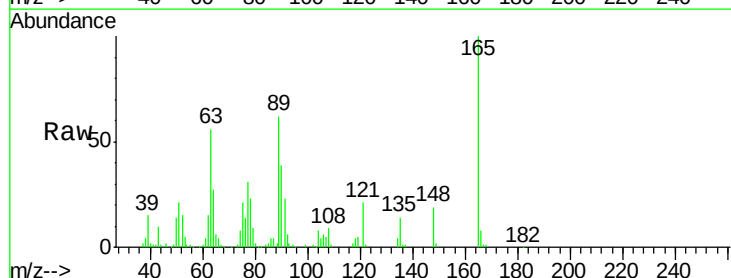
Tgt Ion:165 Resp: 112192

Ion Ratio Lower Upper

165 100

63 56.1 52.7 79.1

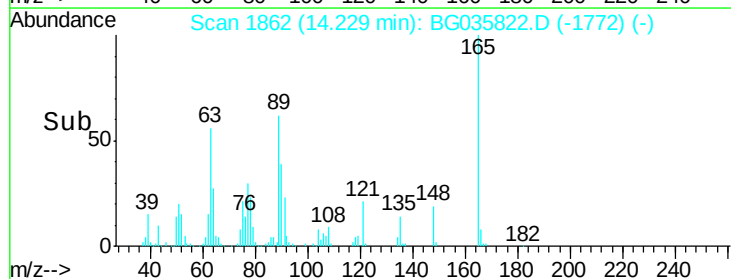
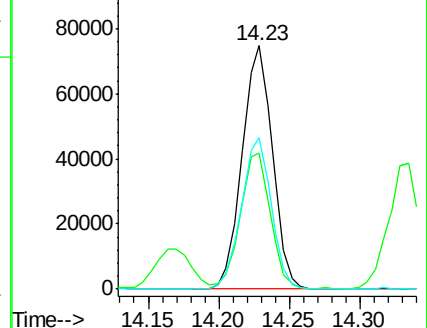
89 62.3 49.2 73.8

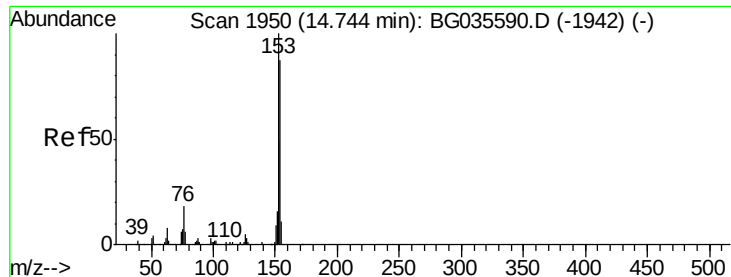


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 41.485 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

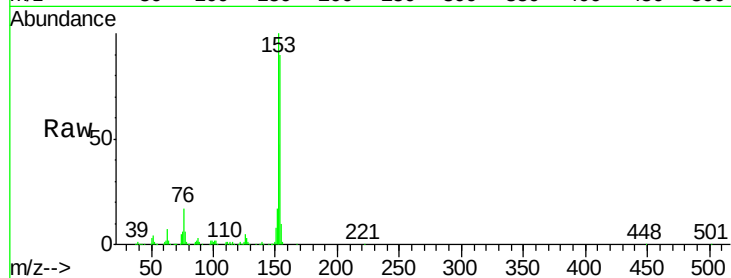
Tgt Ion:154 Resp: 329026

Ion Ratio Lower Upper

154 100

153 111.5 90.4 135.6

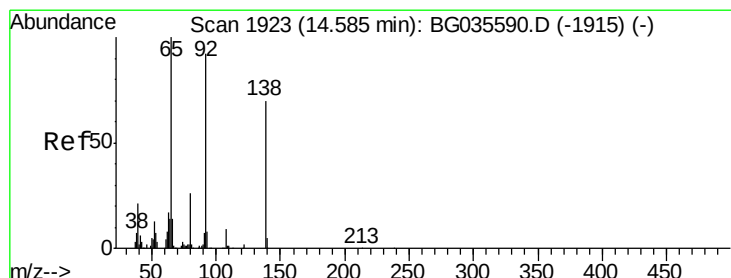
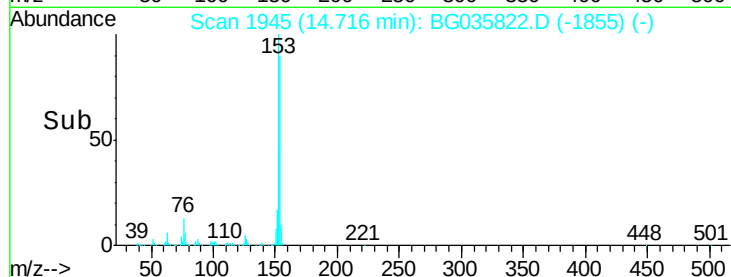
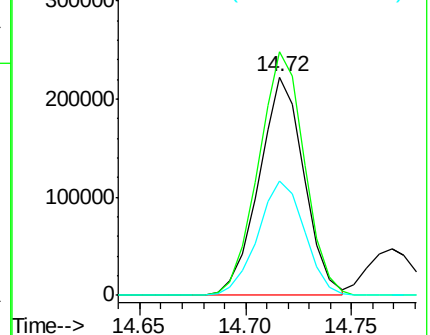
152 52.2 41.6 62.4



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: 18.249 ng

RT: 14.56 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

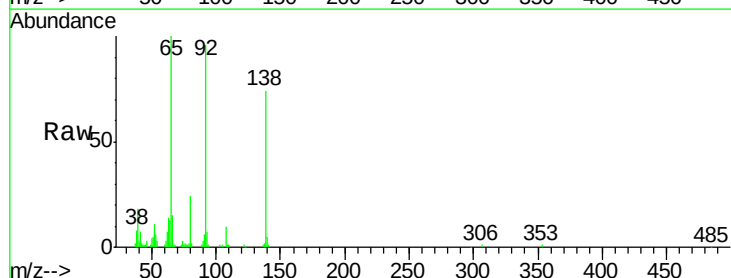
Tgt Ion:138 Resp: 41942

Ion Ratio Lower Upper

138 100

108 13.4 17.5 26.3#

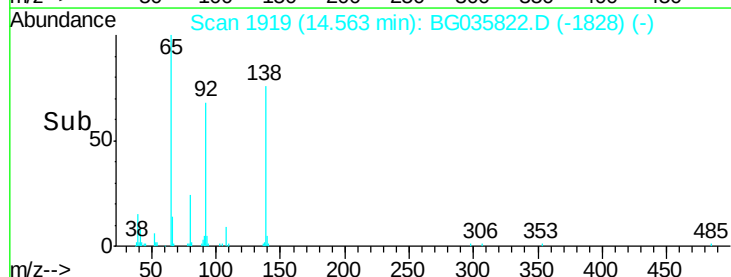
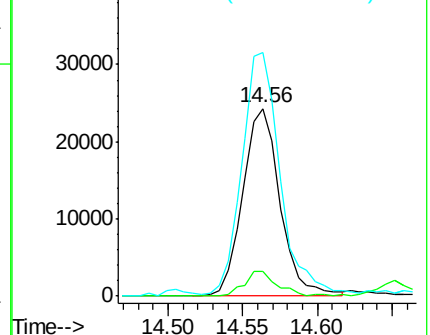
92 129.7 105.8 158.8

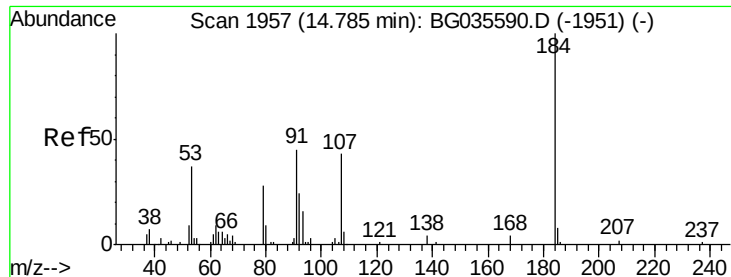


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

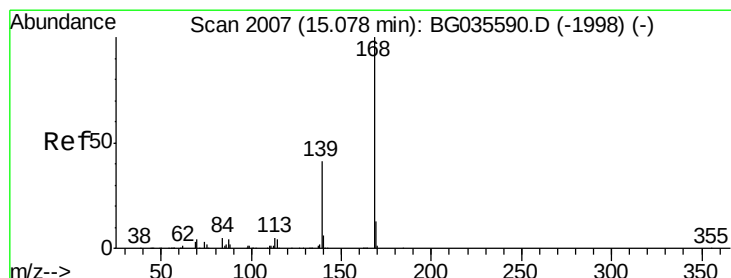
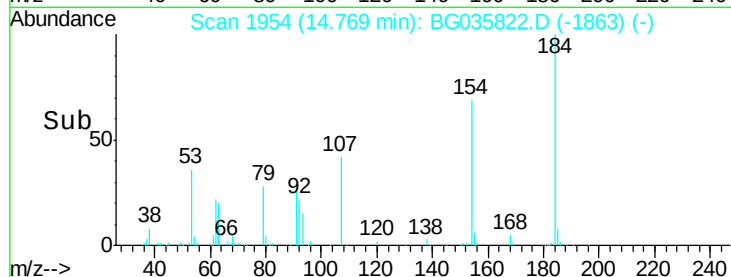
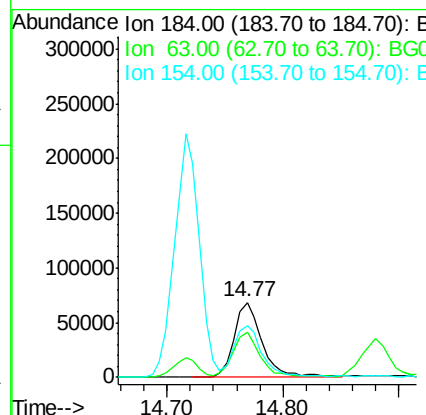
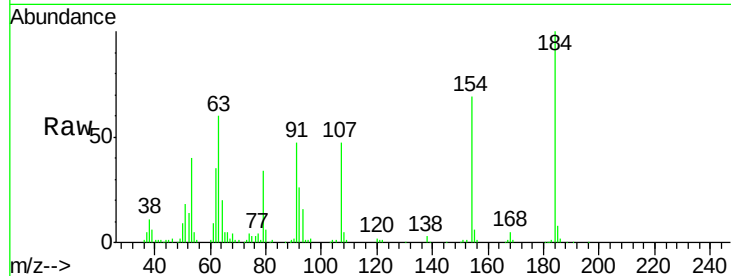




#53
2,4-Dinitrophenol
Concen: 97.885 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

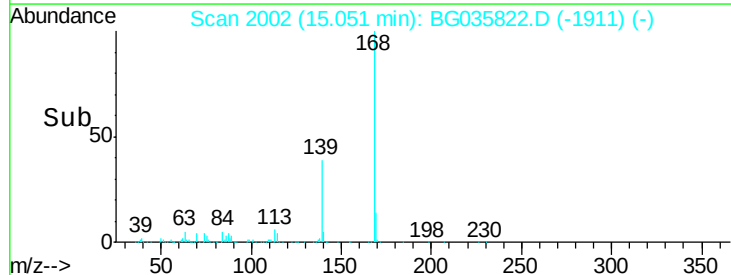
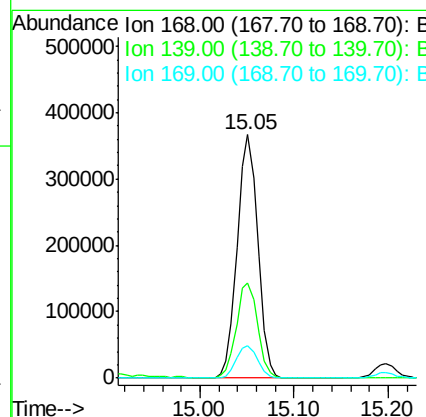
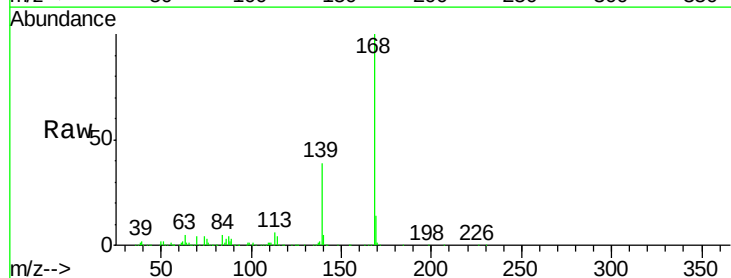
Instrument :
BNA_G
ClientSampleId :
PB111306BS

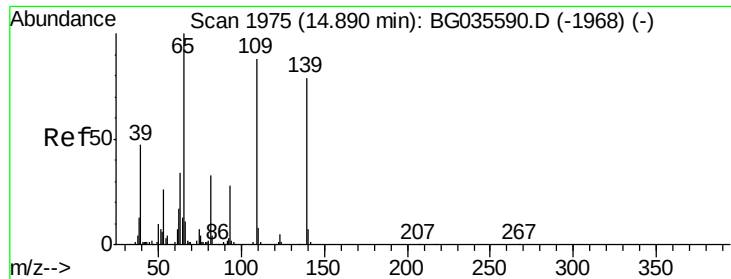
Tgt Ion:184 Resp: 115045
Ion Ratio Lower Upper
184 100
63 60.4 59.8 89.8
154 69.2 101.8 152.8#



#54
Dibenzofuran
Concen: 44.355 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion:168 Resp: 559482
Ion Ratio Lower Upper
168 100
139 38.9 28.6 43.0
169 13.5 11.2 16.8

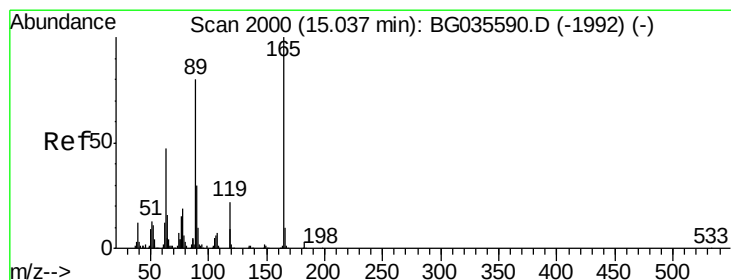
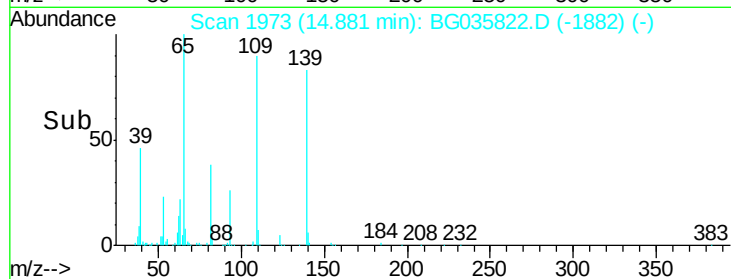
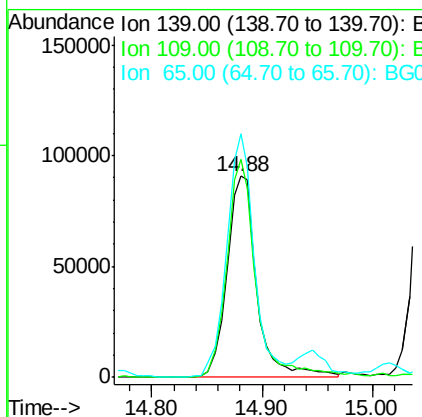
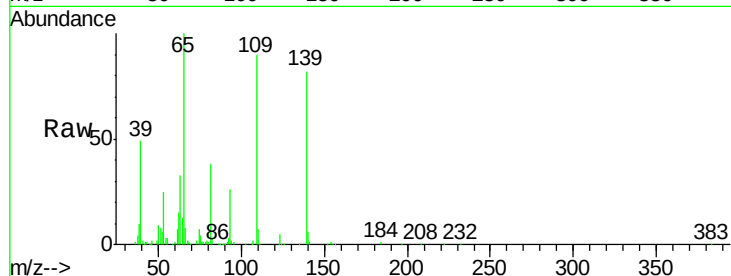




#55
4-Nitrophenol
Concen: 104.981 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

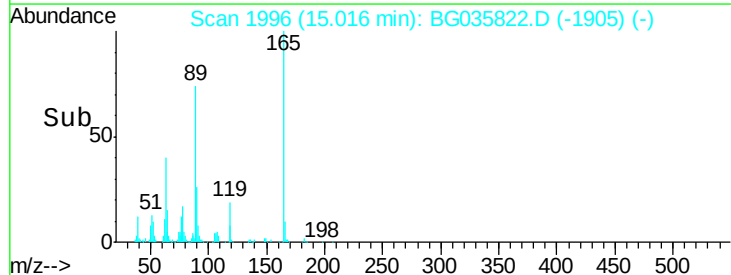
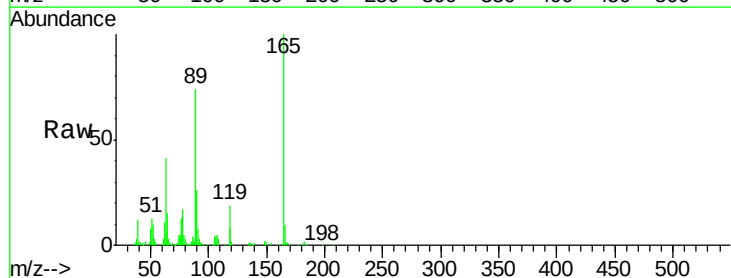
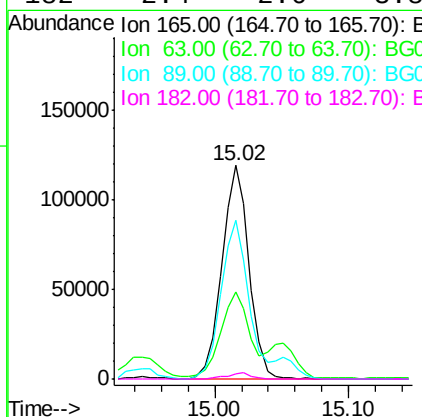
Instrument :
BNA_G
ClientSampleId :
PB111306BS

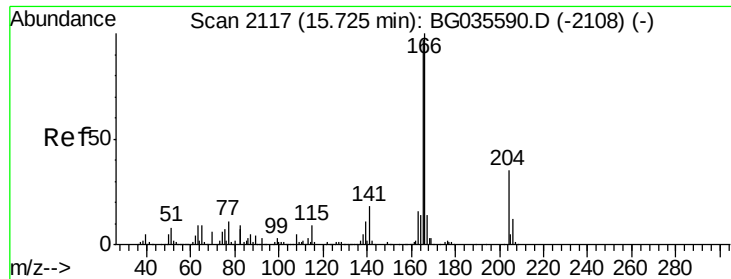
Tgt Ion:139 Resp: 171831
Ion Ratio Lower Upper
139 100
109 108.8 62.2 102.2#
65 121.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 52.540 ng
RT: 15.02 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion:165 Resp: 169497
Ion Ratio Lower Upper
165 100
63 40.7 42.0 63.0#
89 74.1 66.9 100.3
182 2.4 2.6 3.8#





#57

Fluorene

Concen: 45.047 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

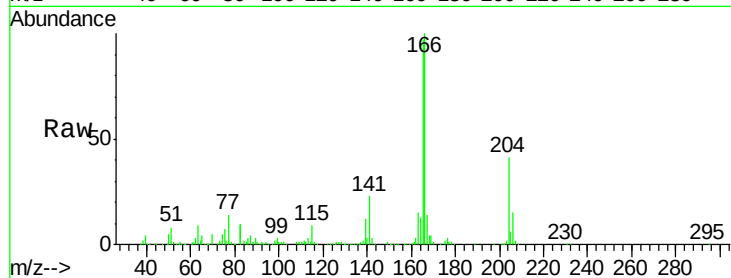
Tgt Ion:166 Resp: 476237

Ion Ratio Lower Upper

166 100

165 96.5 80.6 121.0

167 14.1 10.4 15.6

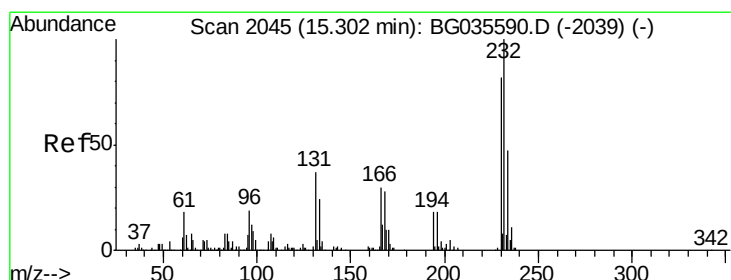
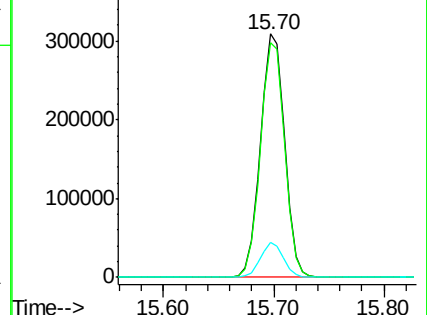
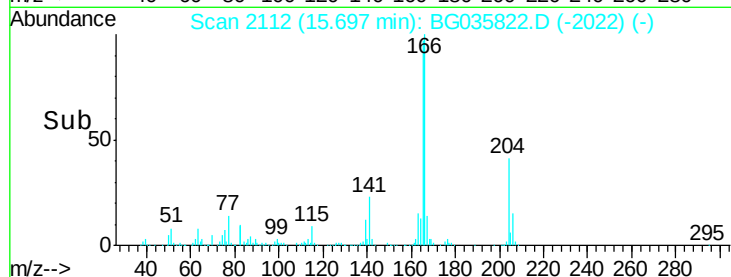


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.642 ng

RT: 15.28 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Tgt Ion:232 Resp: 160063

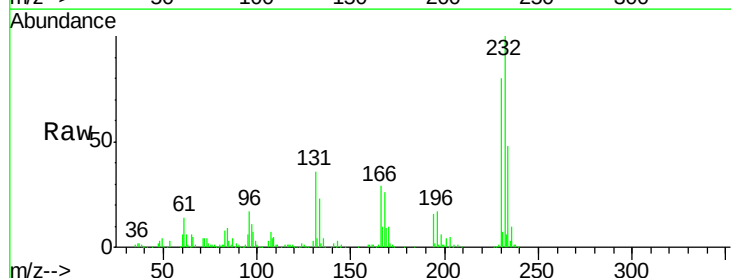
Ion Ratio Lower Upper

232 100

131 36.6 33.5 50.3

130 2.5 2.2 3.2

166 27.5 24.8 37.2



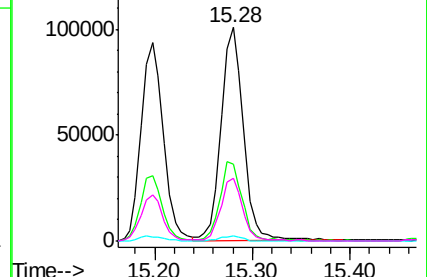
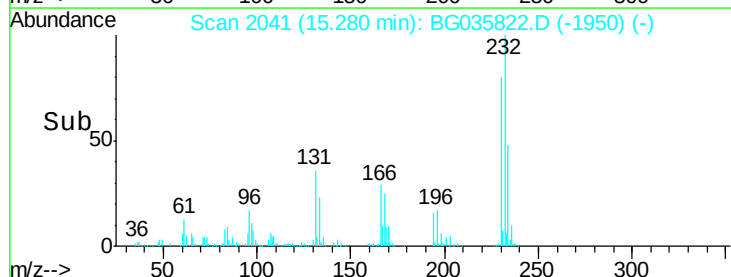
Abundance

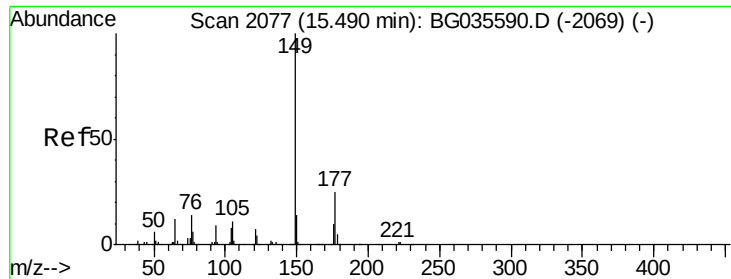
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

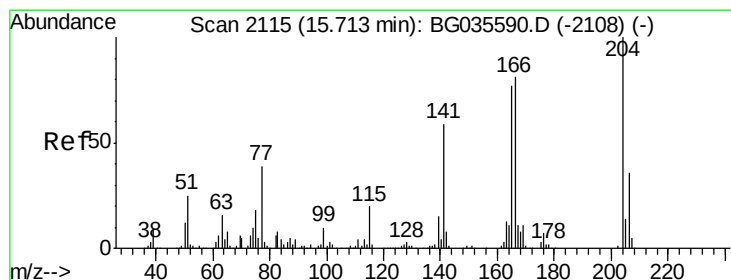
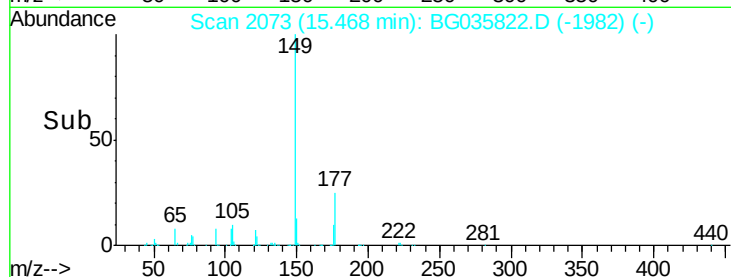
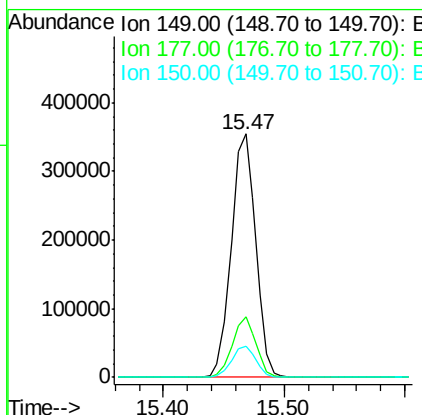
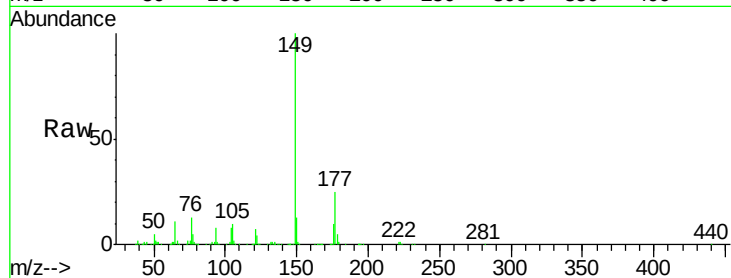




#59
Diethylphthalate
Concen: 43.975 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

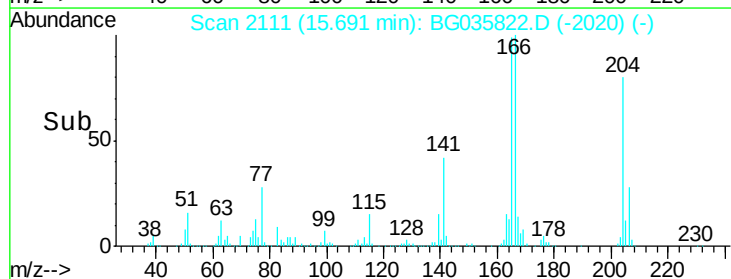
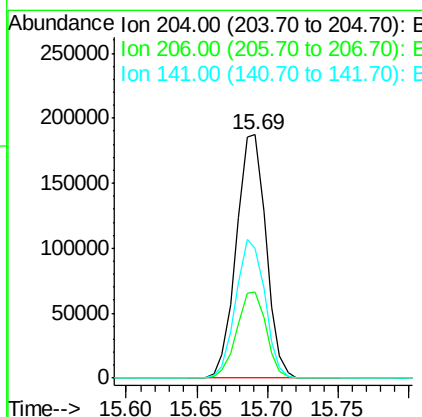
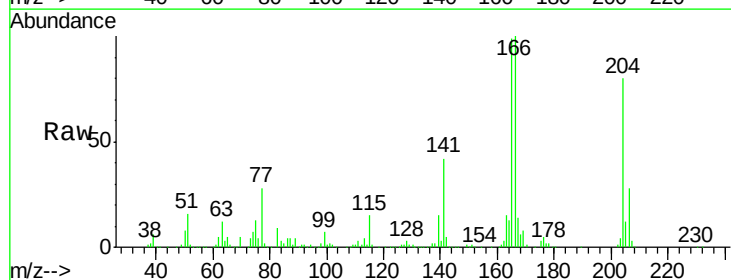
Instrument :
BNA_G
ClientSampleId :
PB111306BS

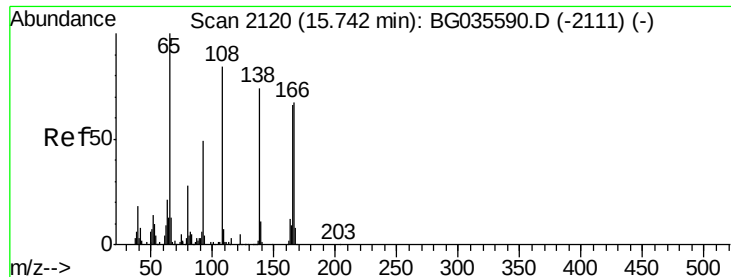
Tgt Ion:149 Resp: 499324
Ion Ratio Lower Upper
149 100
177 24.7 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.201 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion:204 Resp: 274651
Ion Ratio Lower Upper
204 100
206 35.3 26.2 39.2
141 53.0 45.8 68.6

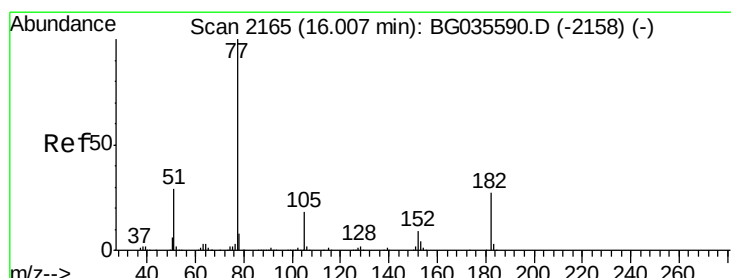
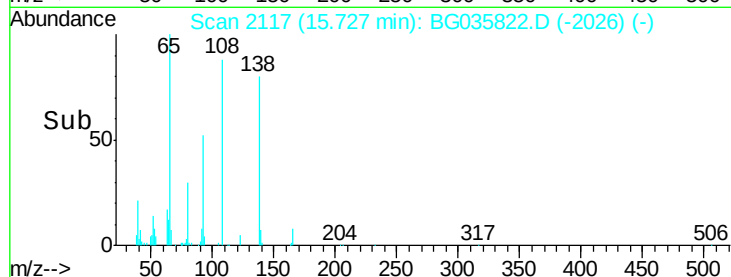
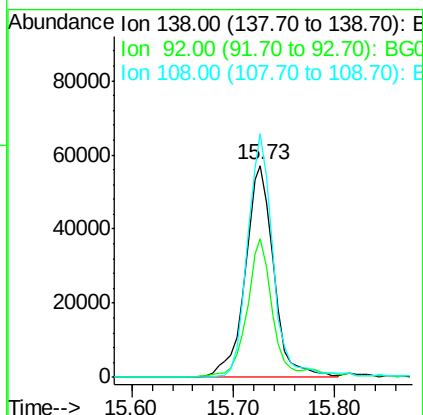
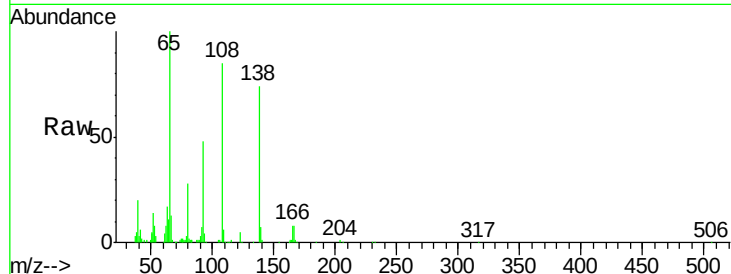




#61
4-Nitroaniline
Concen: 46.326 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

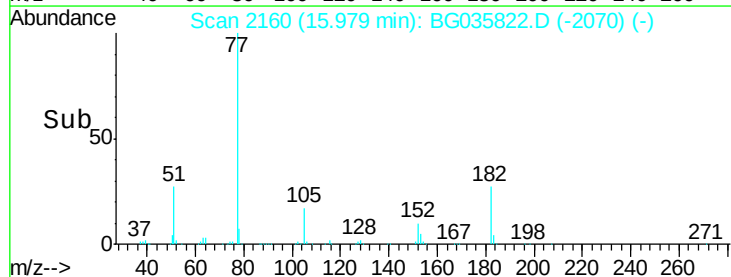
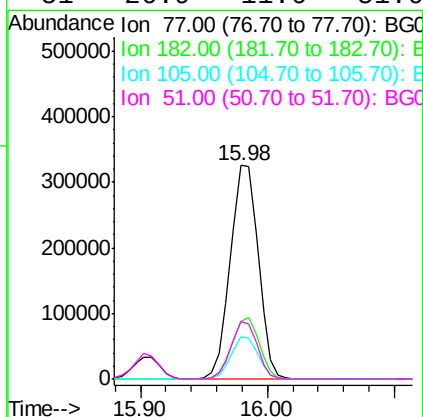
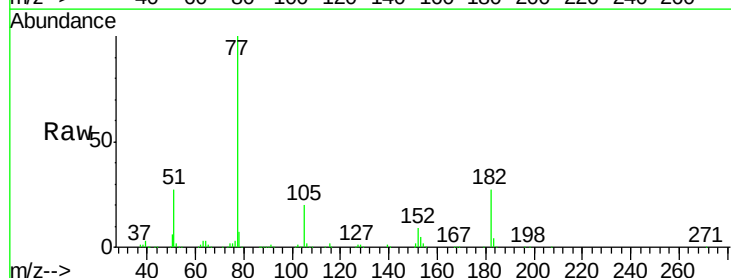
Instrument :
BNA_G
ClientSampleId :
PB111306BS

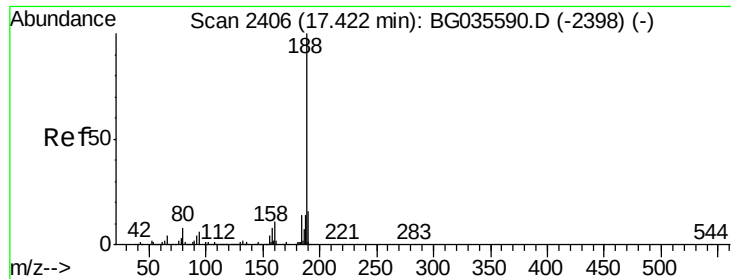
Tgt Ion:138 Resp: 111374
Ion Ratio Lower Upper
138 100
92 65.2 40.1 80.1
108 114.9 65.4 105.4#



#62
Azobenzene
Concen: 44.223 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion: 77 Resp: 495304
Ion Ratio Lower Upper
77 100
182 27.0 7.4 47.4
105 19.6 0.3 40.3
51 26.9 11.6 51.6

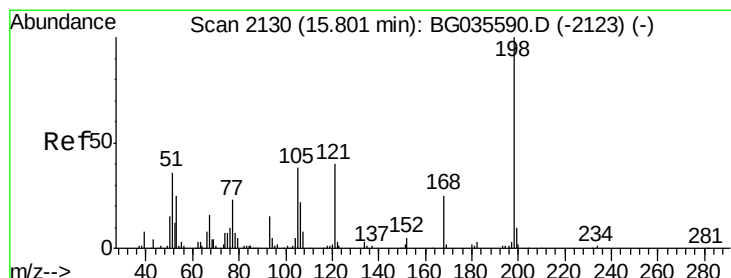
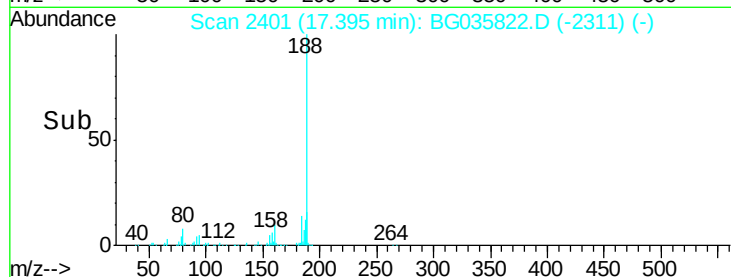
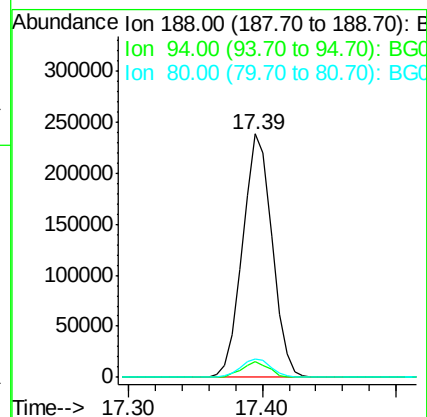
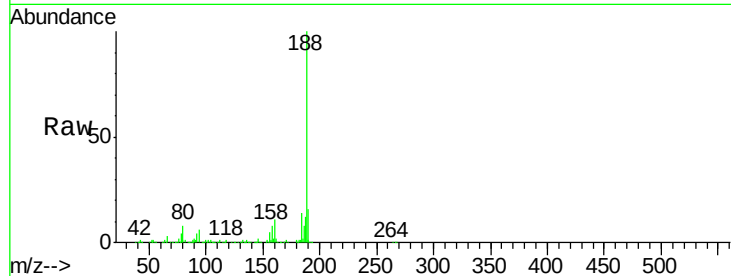




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

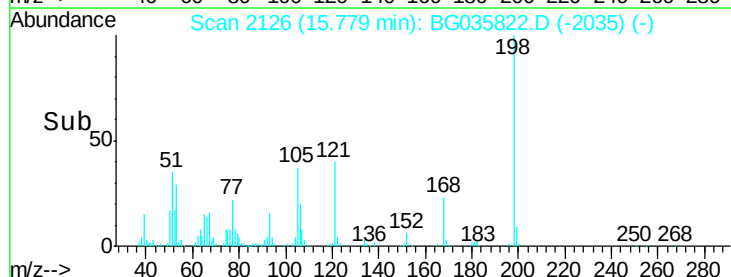
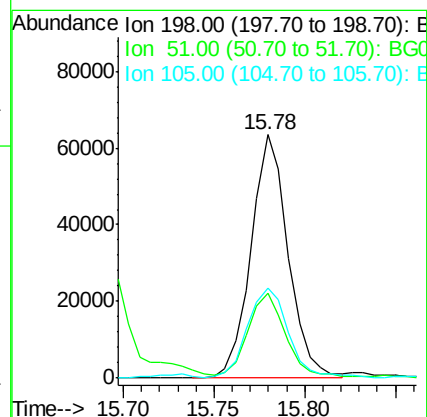
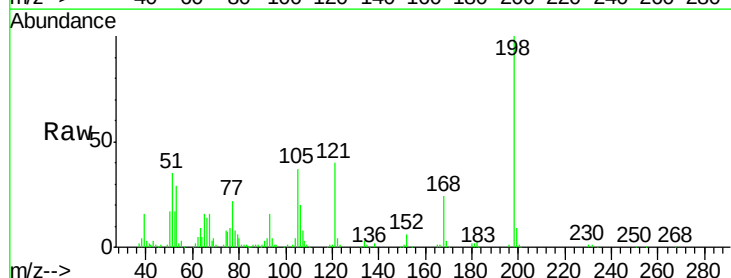
Instrument :
BNA_G
ClientSampleId :
PB111306BS

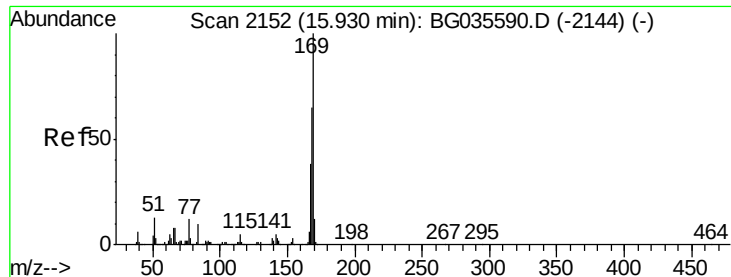
Tgt Ion:188 Resp: 364232
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.8 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 44.620 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion:198 Resp: 90469
Ion Ratio Lower Upper
198 100
51 35.1 30.6 70.6
105 37.0 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.146 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

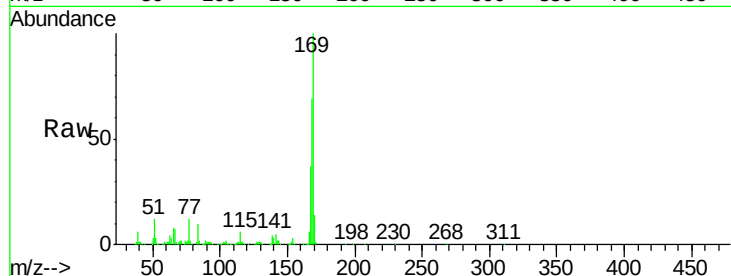
Tgt Ion:169 Resp: 436941

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

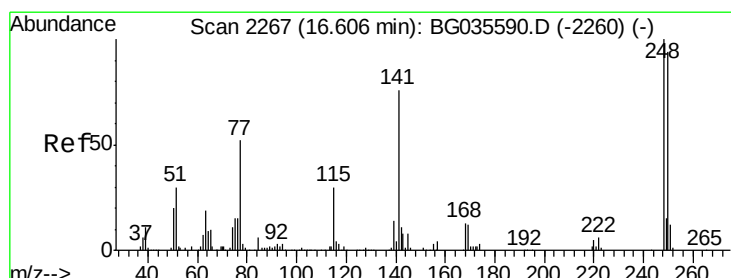
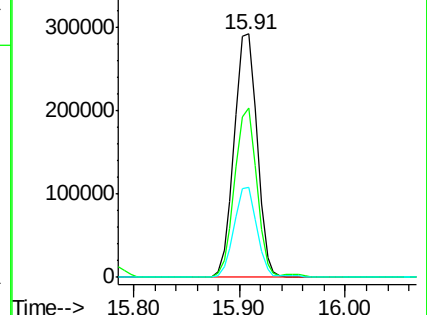
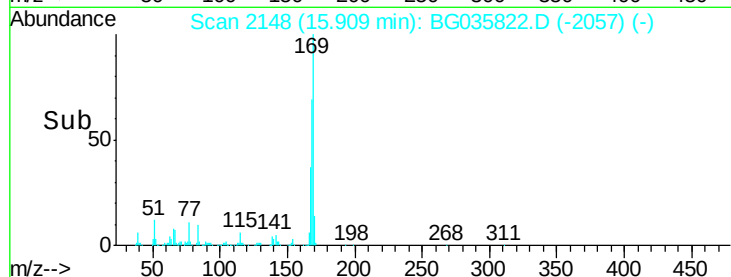
167 36.9 30.1 45.1



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: 44.325 ng

RT: 16.58 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

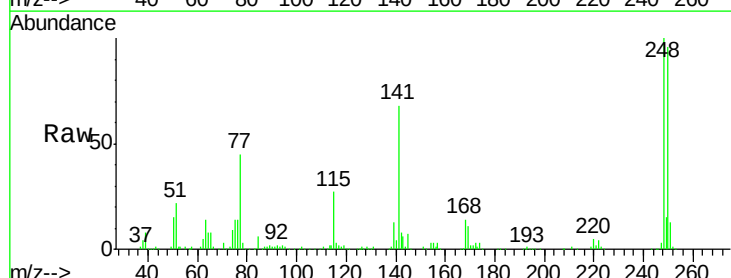
Tgt Ion:248 Resp: 187306

Ion Ratio Lower Upper

248 100

250 95.8 77.1 115.7

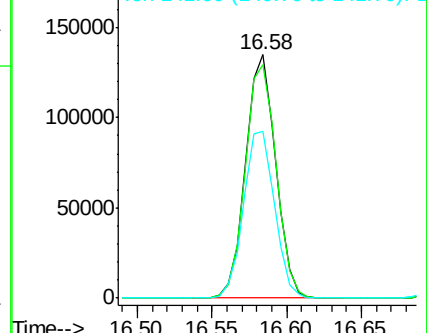
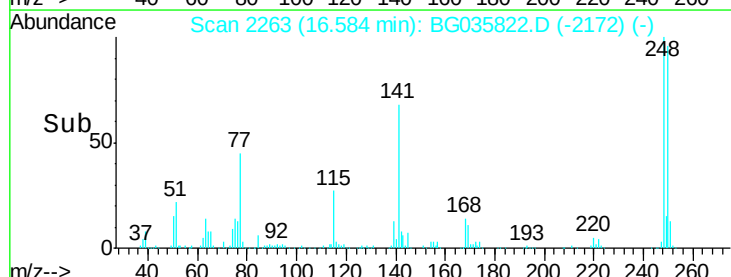
141 68.4 50.8 76.2

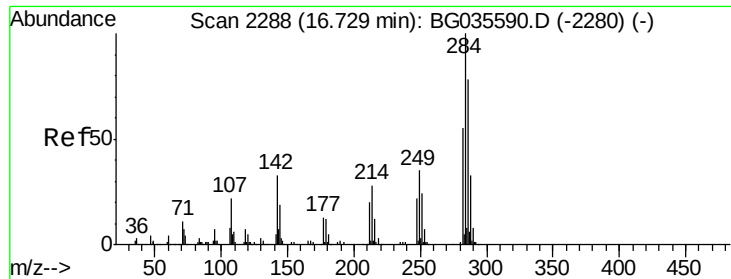


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

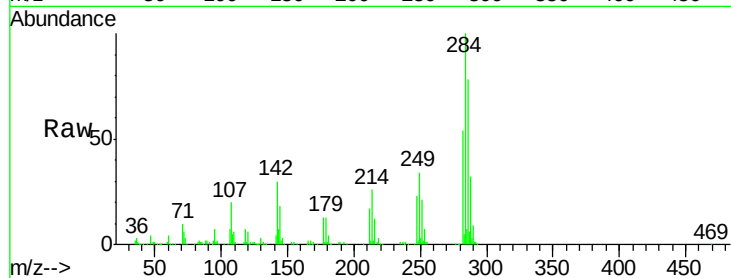




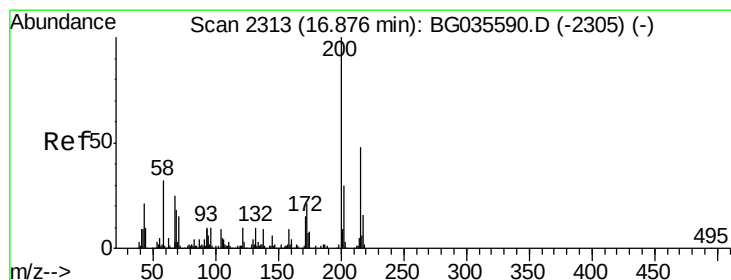
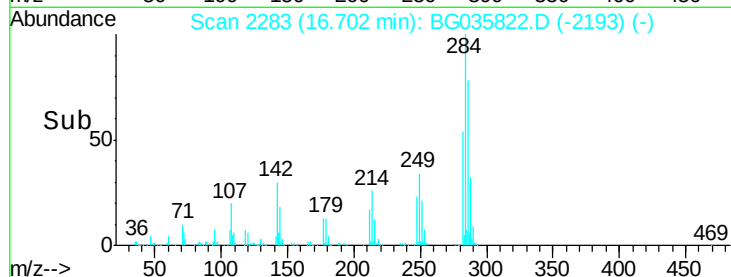
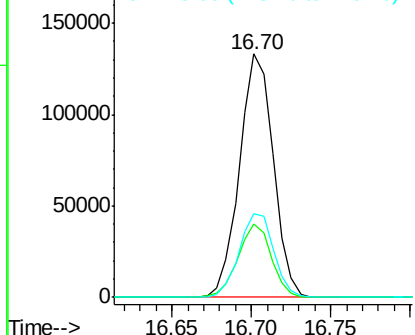
#67
Hexachlorobenzene
Concen: 45.316 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111306BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	26.8	40.2
249	34.5	26.3	39.5

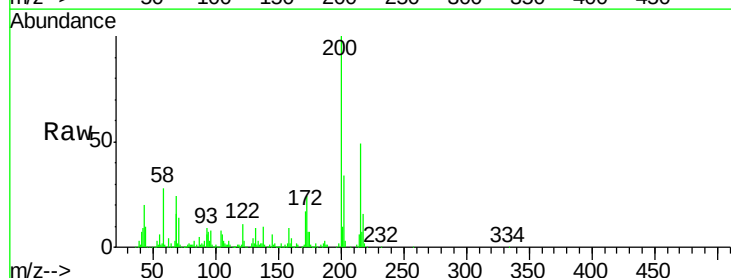


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

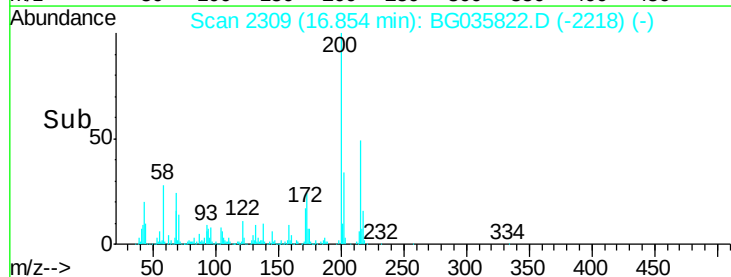
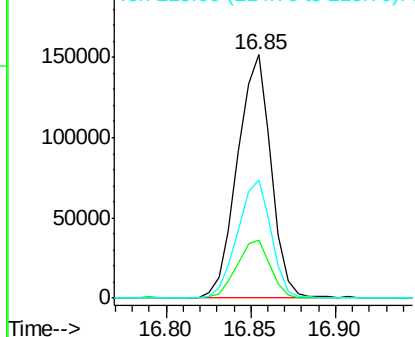


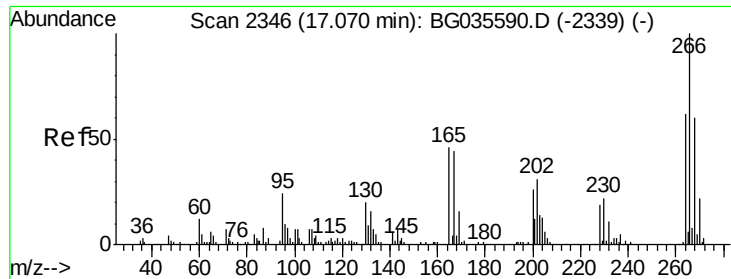
#68
Atrazine
Concen: 49.314 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.2	45.2
215	48.7	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: 73.857 ng

RT: 17.05 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

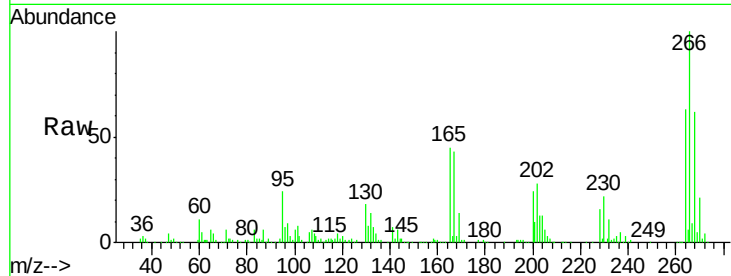
Tgt Ion:266 Resp: 195764

Ion Ratio Lower Upper

266 100

268 62.2 51.1 76.7

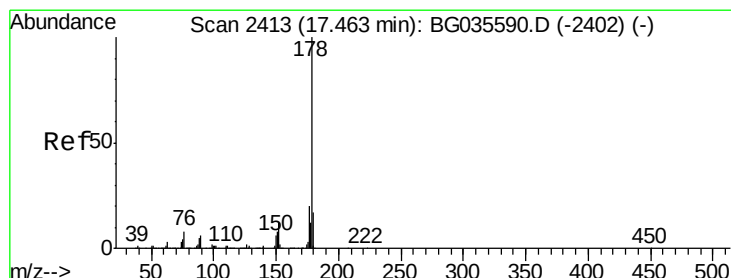
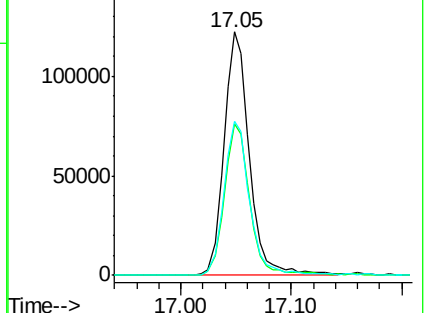
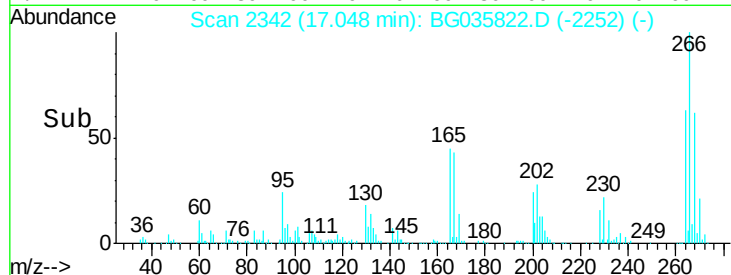
264 63.3 49.6 74.4



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: 44.106 ng

RT: 17.44 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

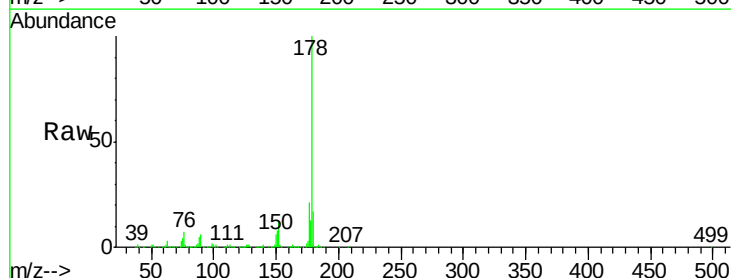
Tgt Ion:178 Resp: 801614

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

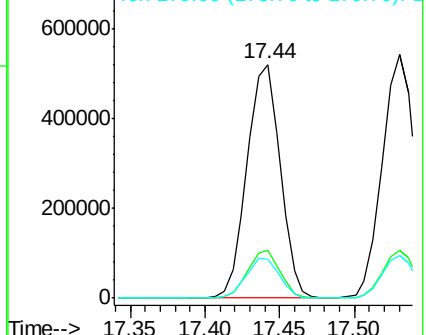
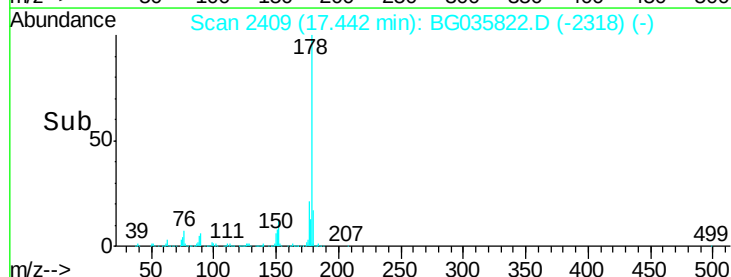
179 16.9 12.5 18.7

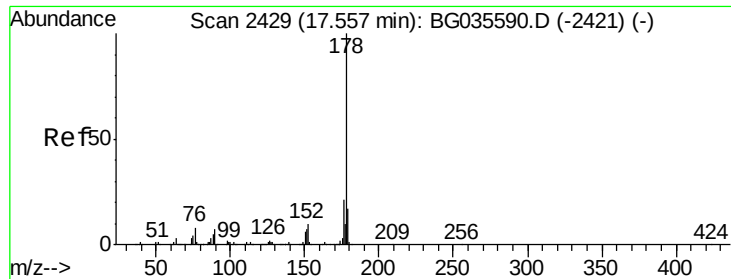


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

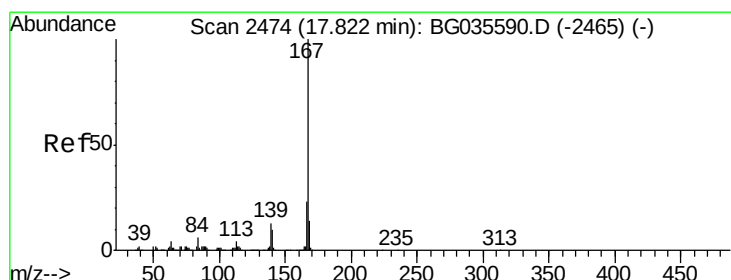
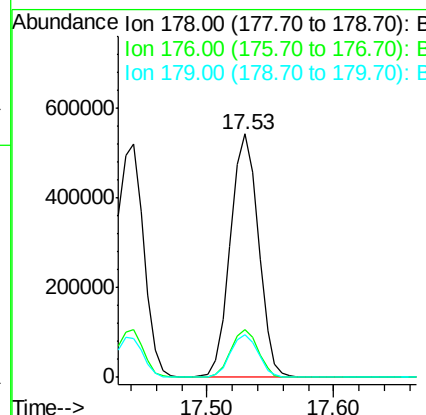
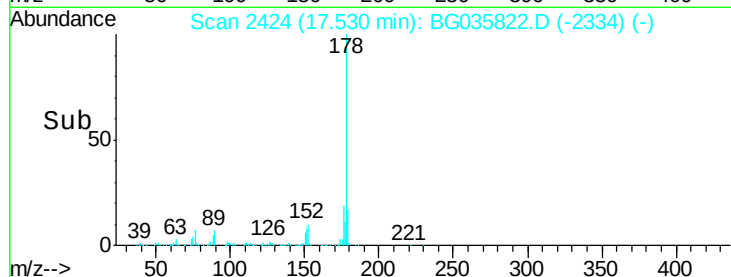
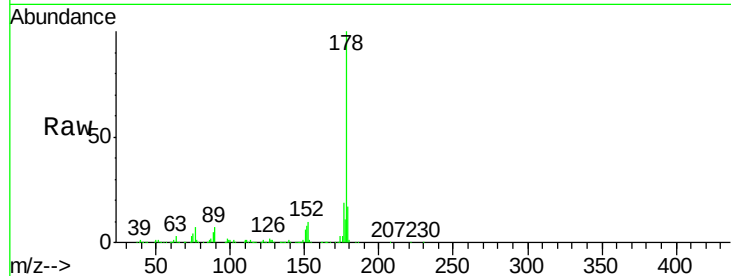




#71
 Anthracene
 Concen: 45.904 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

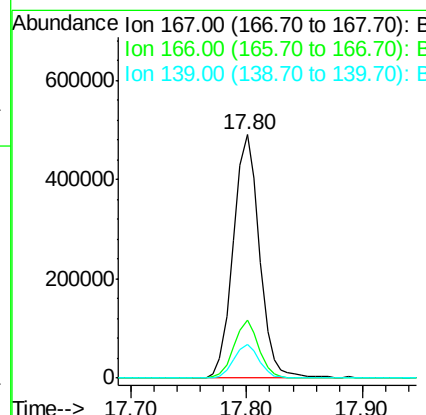
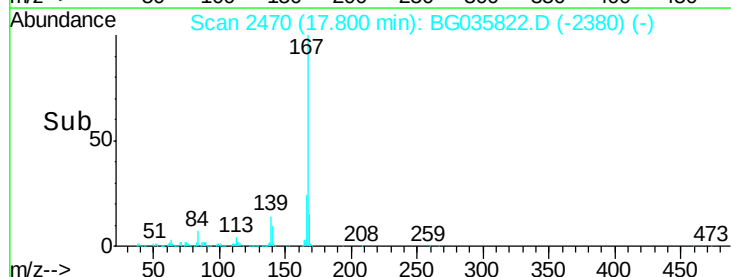
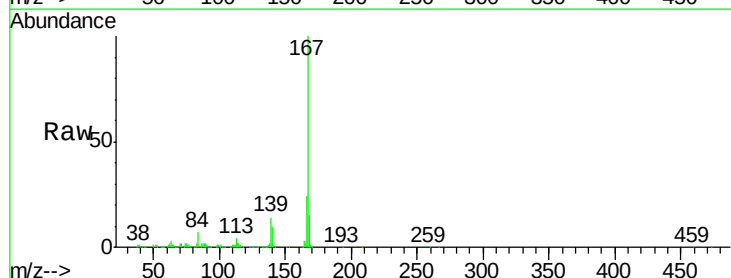
Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

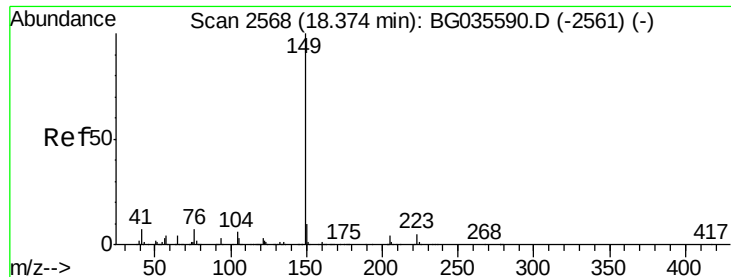
Tgt Ion:178 Resp: 830716
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 17.4 12.5 18.7



#72
 Carbazole
 Concen: 45.091 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion:167 Resp: 774952
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 13.7 9.4 14.2

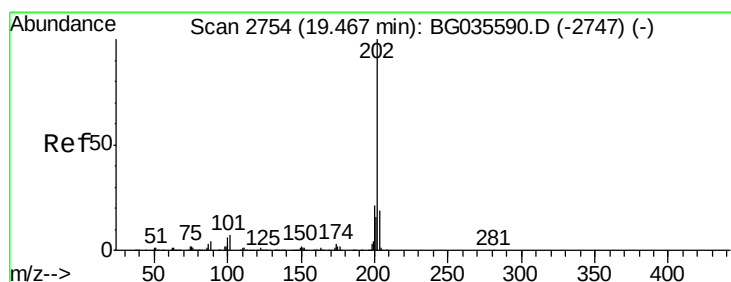
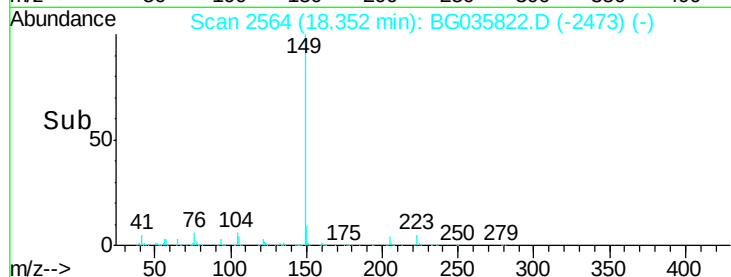
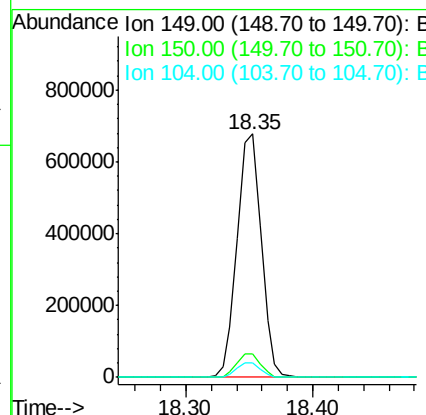
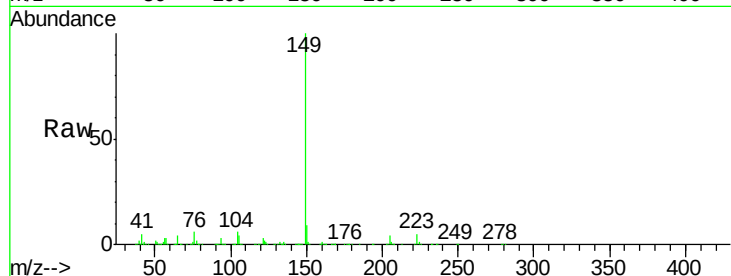




#73
Di-n-butylphthalate
Concen: 43.859 ng
RT: 18.35 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

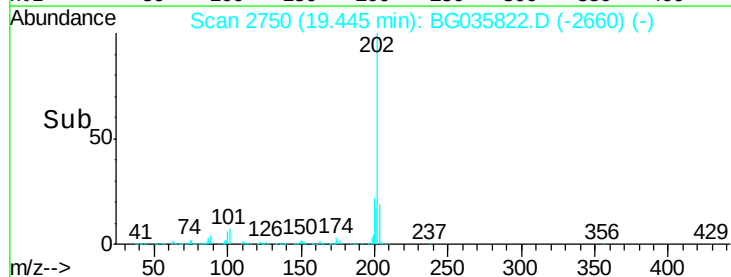
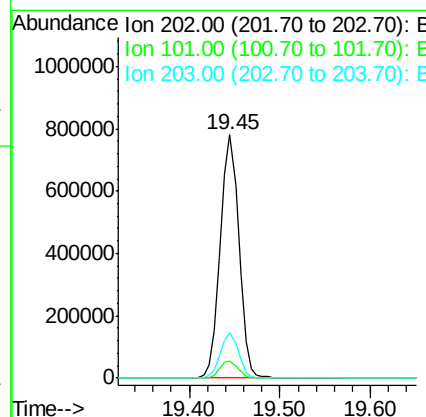
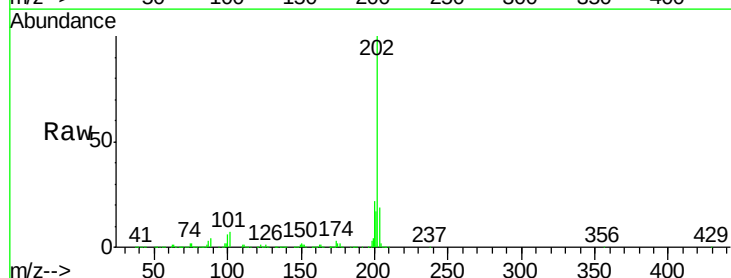
Instrument :
BNA_G
ClientSampleId :
PB111306BS

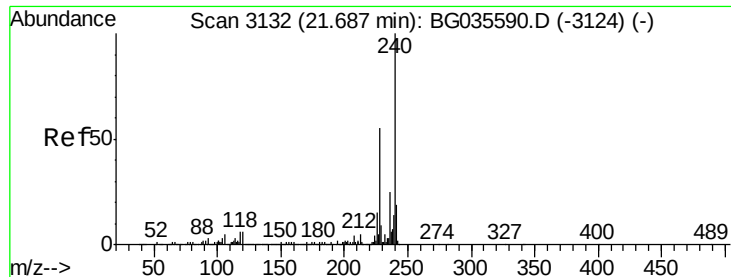
Tgt Ion:149 Resp: 890743
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.9 3.9 5.9#



#74
Fluoranthene
Concen: 45.281 ng
RT: 19.45 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion:202 Resp: 1108510
Ion Ratio Lower Upper
202 100
101 6.8 0.0 28.9
203 18.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

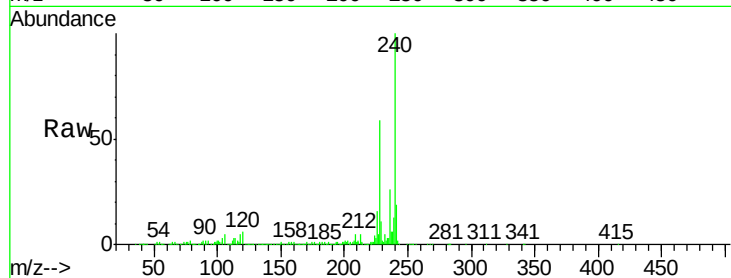
Tgt Ion:240 Resp: 413049

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

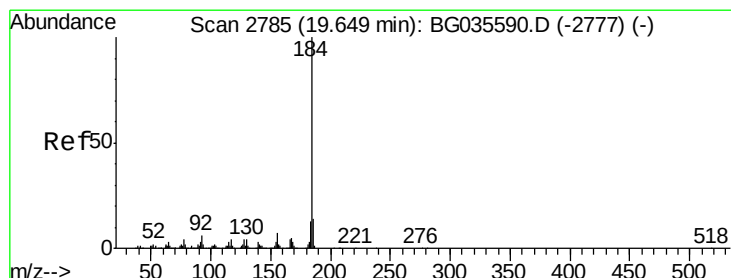
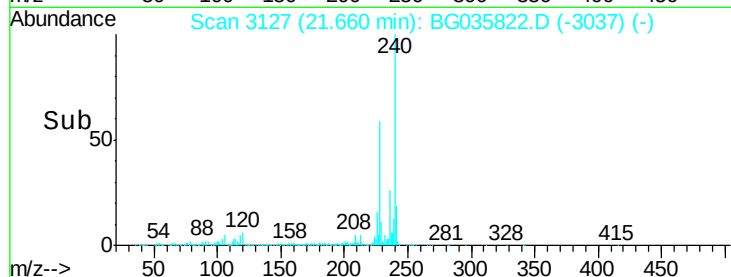
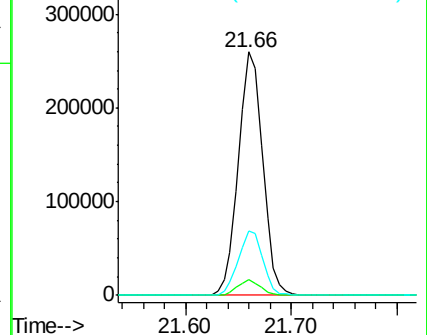
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.791 ng

RT: 19.63 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

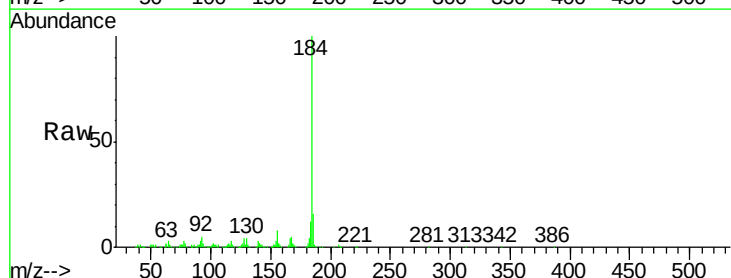
Tgt Ion:184 Resp: 334363

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

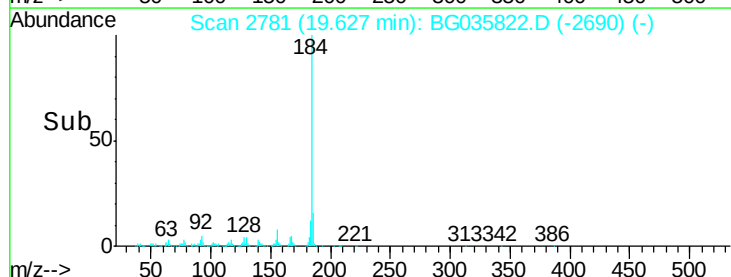
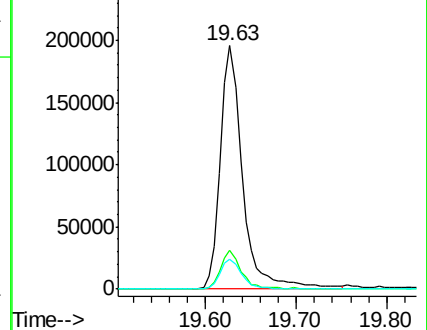
183 12.3 10.6 16.0

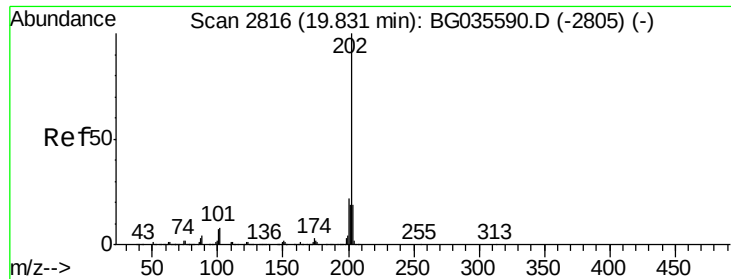


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.632 ng

RT: 19.81 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

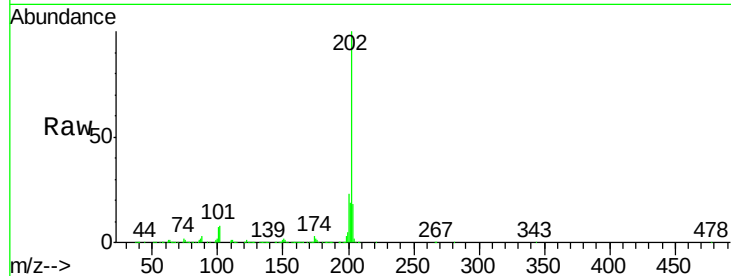
Tgt Ion:202 Resp: 1113441

Ion Ratio Lower Upper

202 100

200 22.5 16.9 25.3

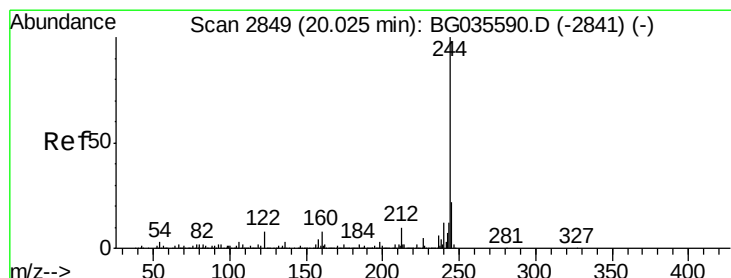
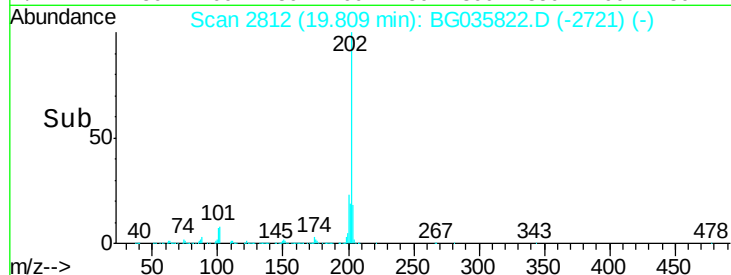
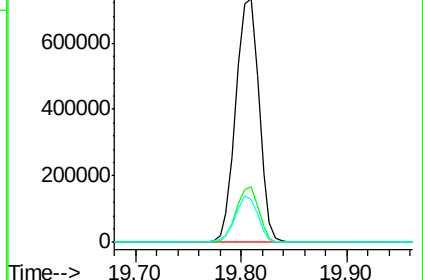
203 17.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.336 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

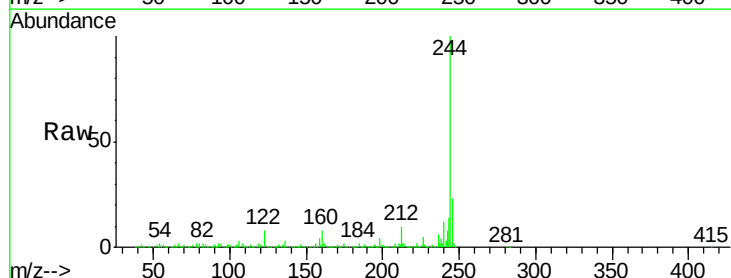
Tgt Ion:244 Resp: 1673998

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

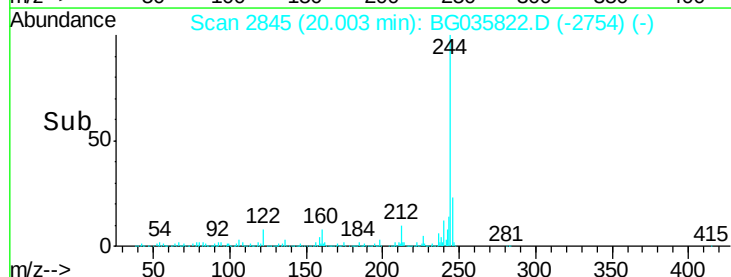
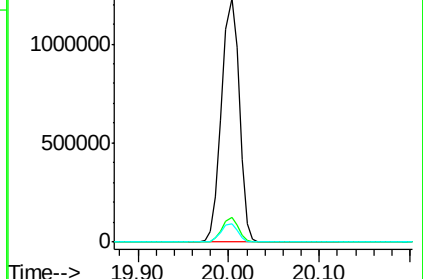
122 7.7 7.0 10.4

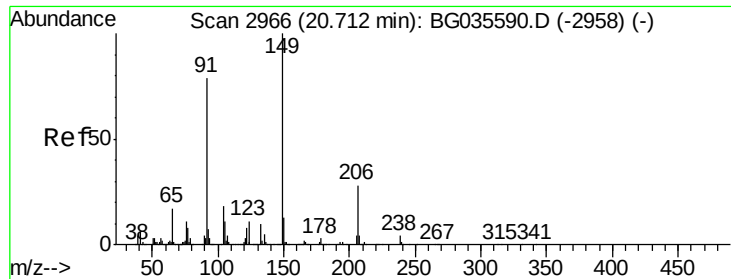


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

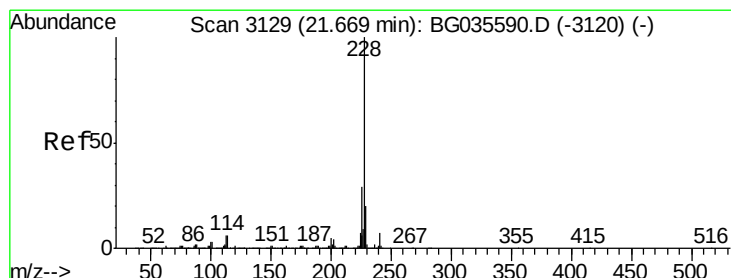
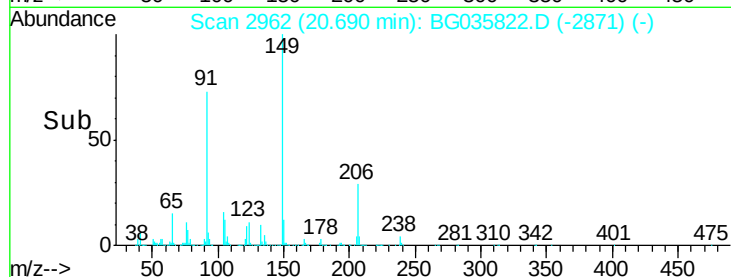
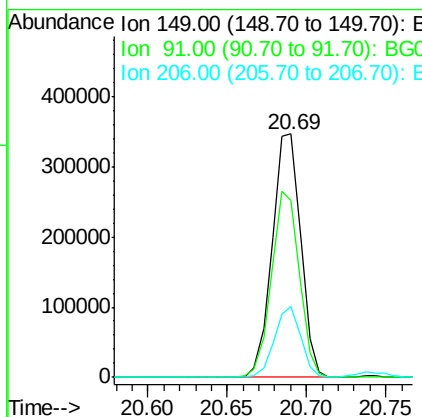
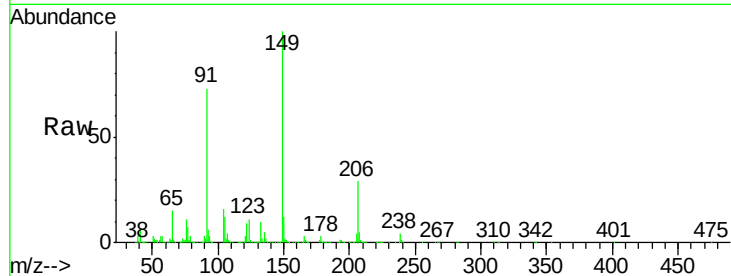




#79
Butylbenzylphthalate
Concen: 46.593 ng
RT: 20.69 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

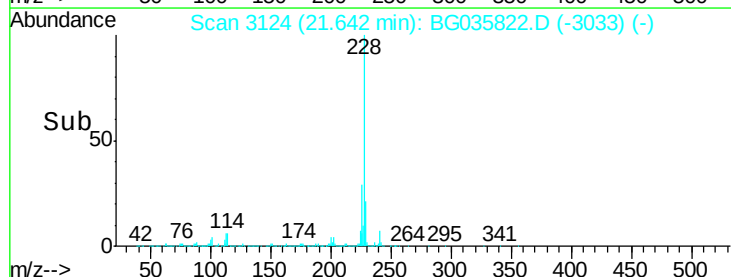
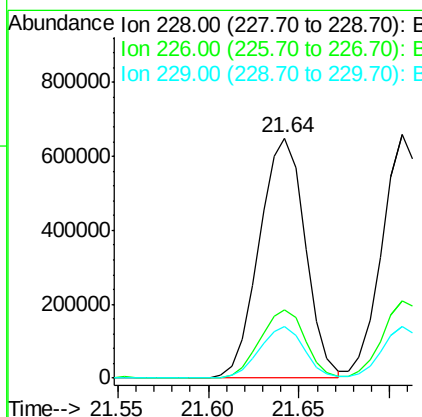
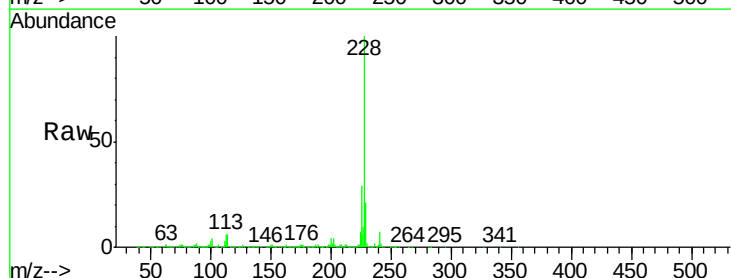
Instrument :
BNA_G
ClientSampleId :
PB111306BS

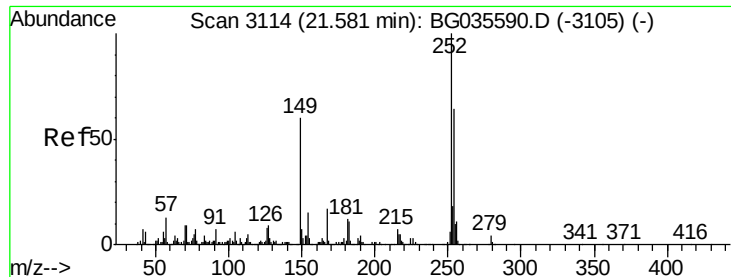
Tgt Ion:149 Resp: 435170
Ion Ratio Lower Upper
149 100
91 72.6 62.2 93.2
206 29.2 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 44.462 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG035822.D
Acq: 23 Jul 2018 11:26

Tgt Ion:228 Resp: 1144461
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 21.3 16.2 24.2

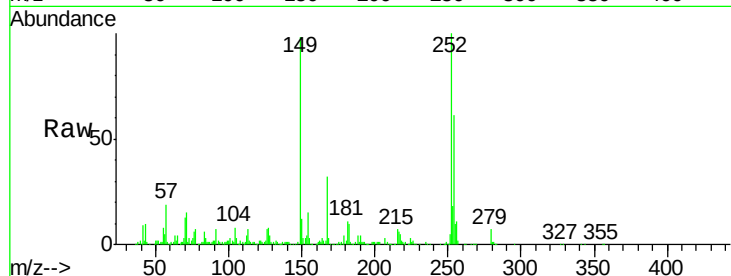




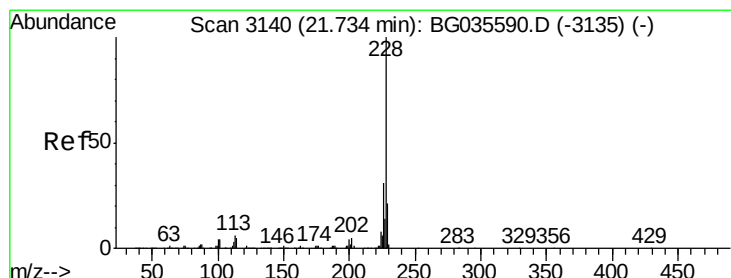
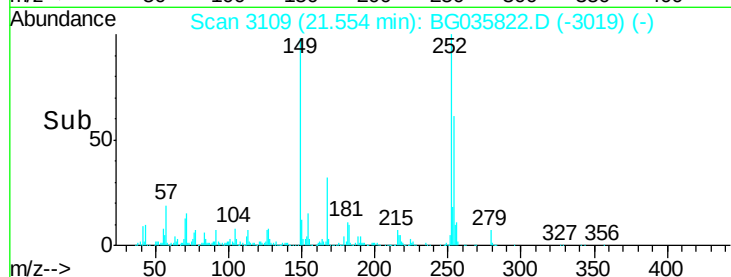
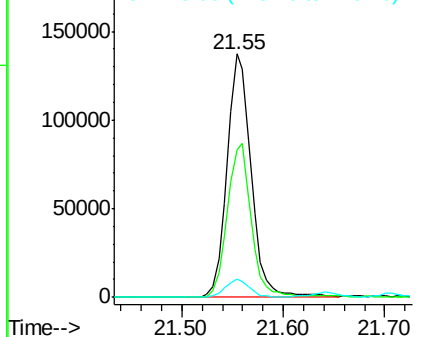
#81
 3,3'-Dichlorobenzidine
 Concen: 25.228 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111306BS

Tgt Ion:	252	Resp:	226423
Ion Ratio	Lower	Upper	
252	100		
254	60.8	50.8	76.2
126	7.4	7.4	11.2#

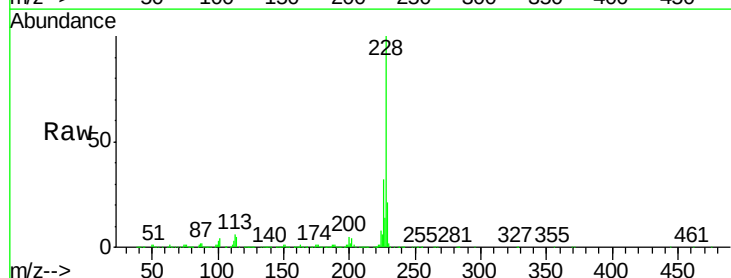


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

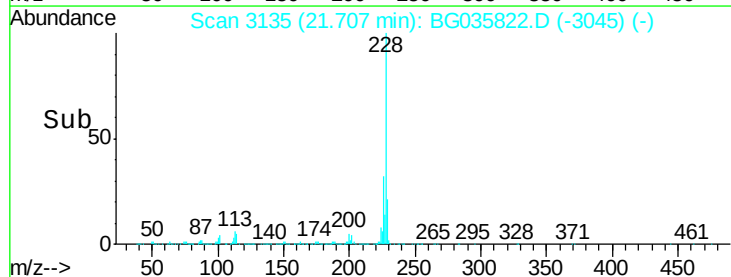
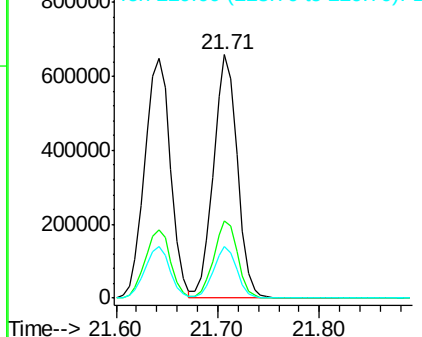


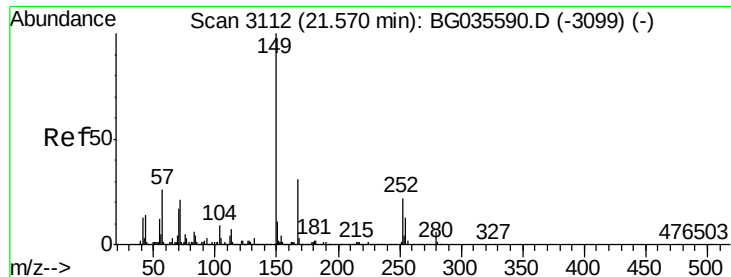
#82
 Chrysene
 Concen: 44.885 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035822.D
 Acq: 23 Jul 2018 11:26

Tgt Ion:	228	Resp:	1070627
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.9	37.3
229	21.3	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.009 ng

RT: 21.54 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

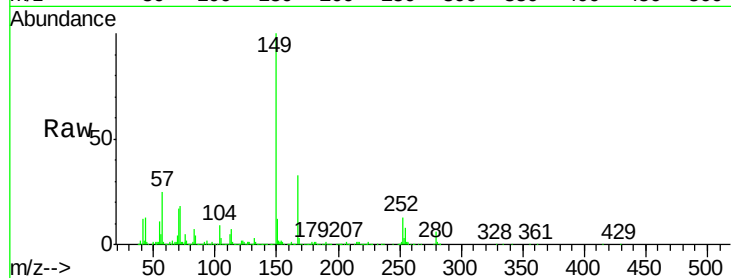
Tgt Ion:149 Resp: 584193

Ion Ratio Lower Upper

149 100

167 32.7 24.3 36.5

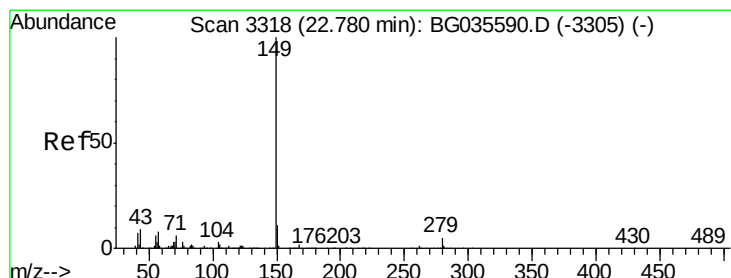
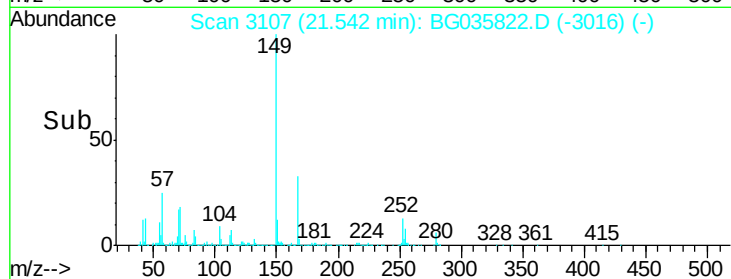
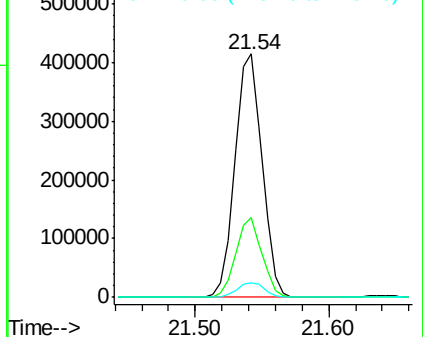
279 5.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.829 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

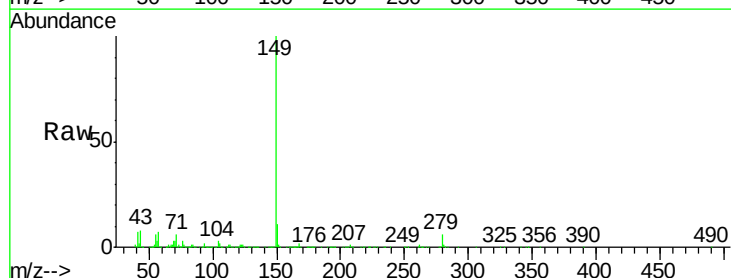
Tgt Ion:149 Resp: 1016847

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

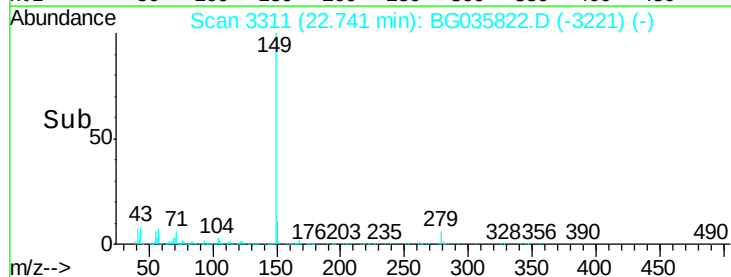
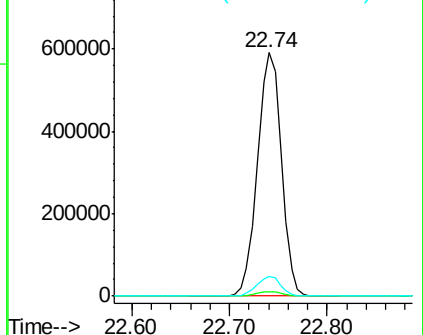
43 8.1 8.9 13.3#

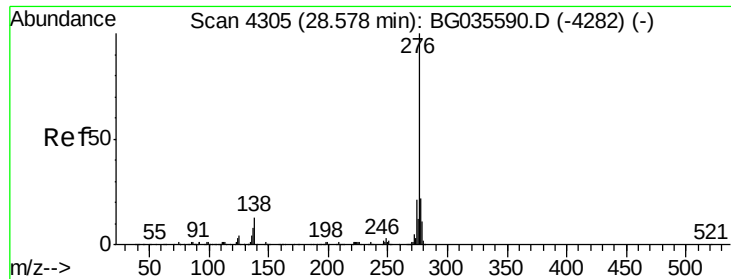


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.989 ng

RT: 28.50 min Scan# 4292

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

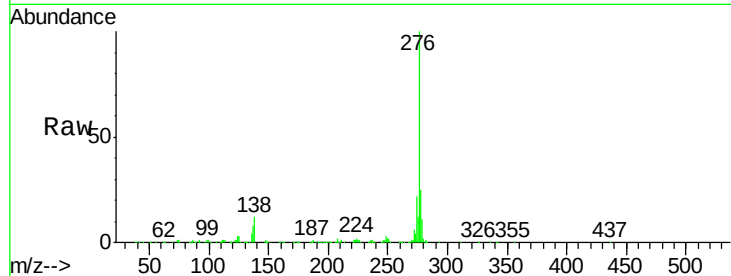
Tgt Ion:276 Resp: 1240884

Ion Ratio Lower Upper

276 100

138 6.2 16.0 24.0#

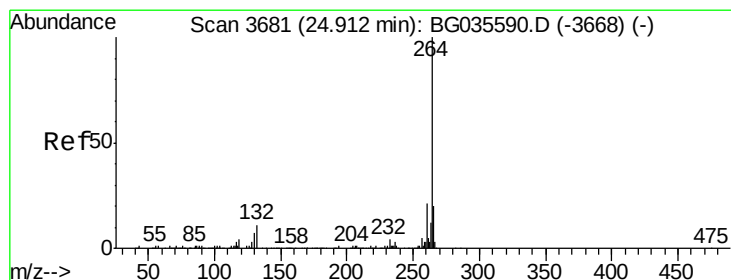
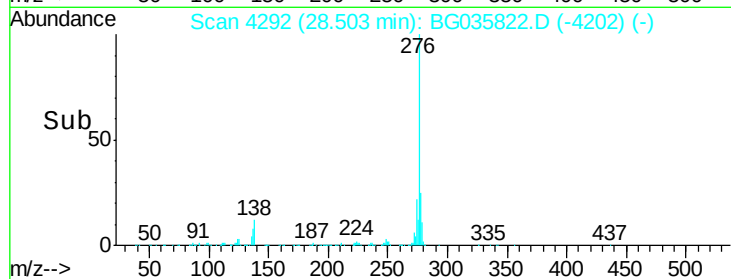
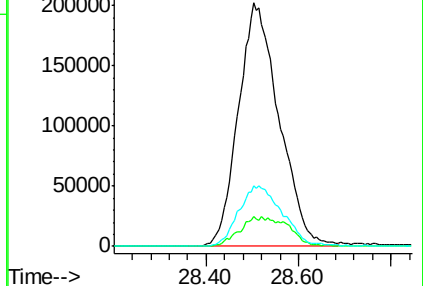
277 26.5 20.0 30.0



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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

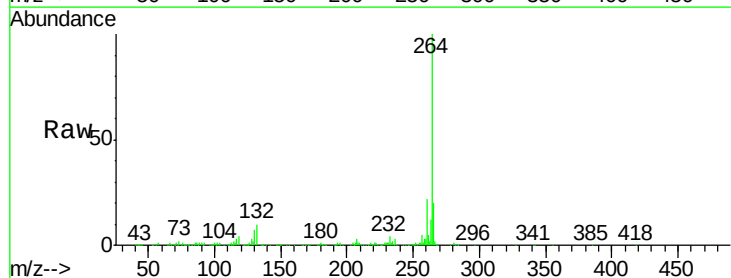
Tgt Ion:264 Resp: 405562

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

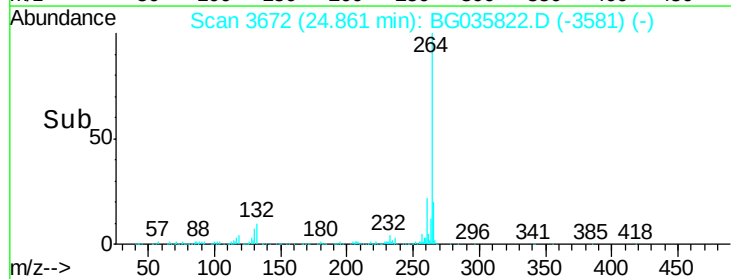
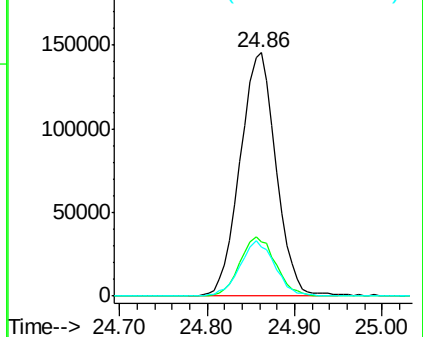
265 20.3 17.7 26.5

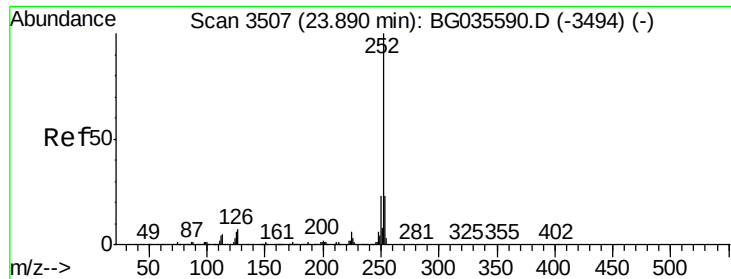


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.226 ng

RT: 23.84 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

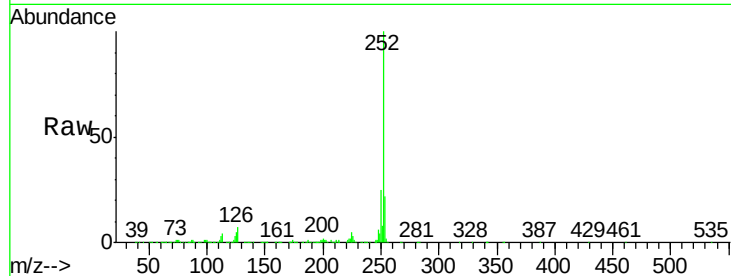
Tgt Ion:252 Resp: 1114810

Ion Ratio Lower Upper

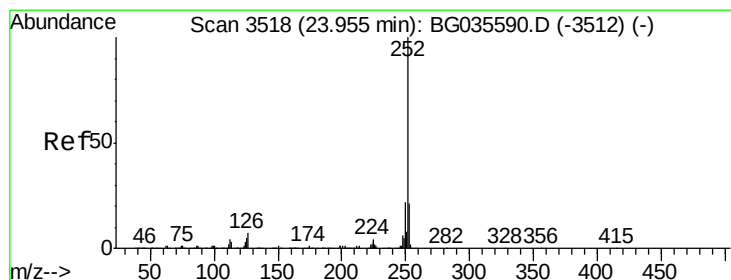
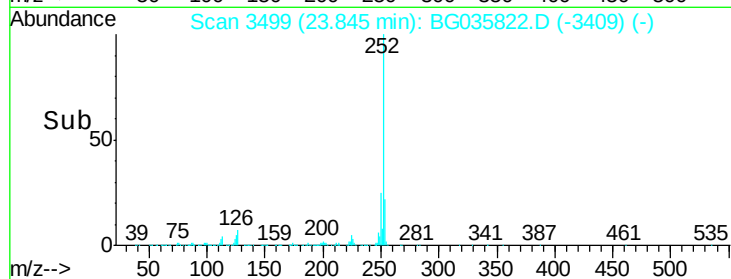
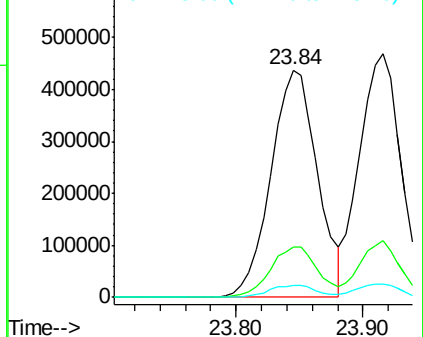
252 100

253 22.1 18.2 27.4

125 5.3 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: 44.117 ng

RT: 23.92 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

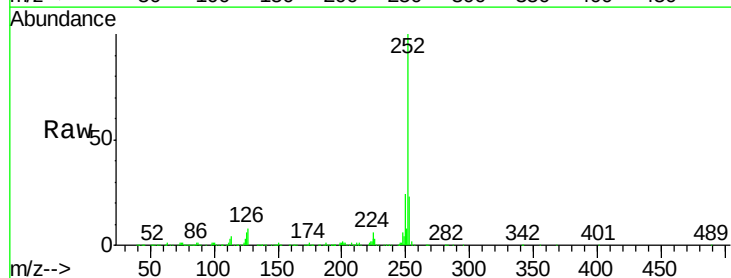
Tgt Ion:252 Resp: 1063169

Ion Ratio Lower Upper

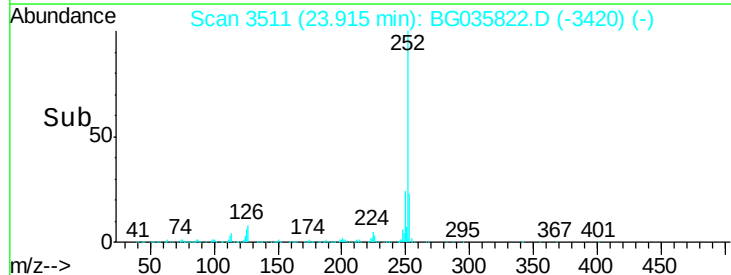
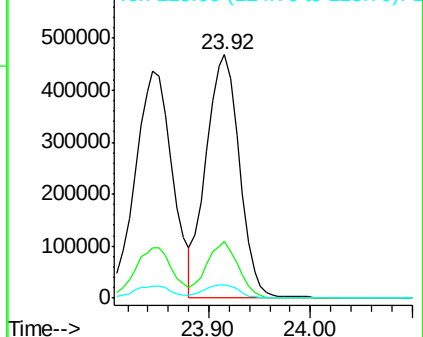
252 100

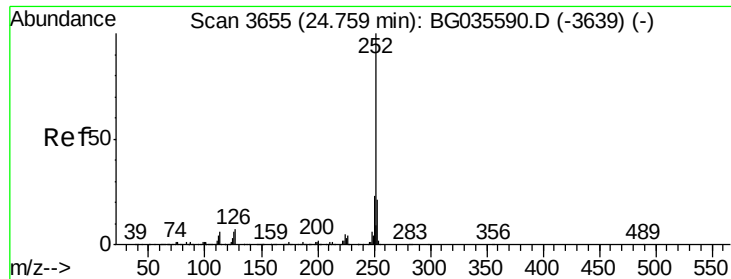
253 23.3 17.4 26.2

125 5.5 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: 46.717 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

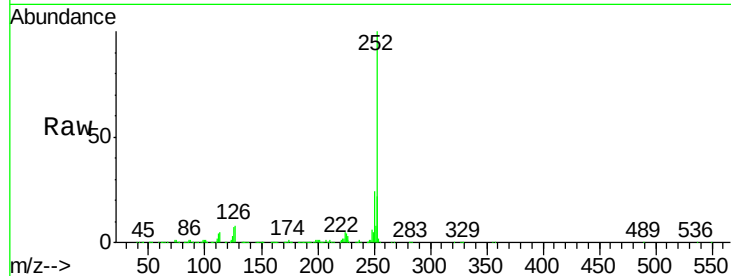
Tgt Ion:252 Resp: 1071324

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

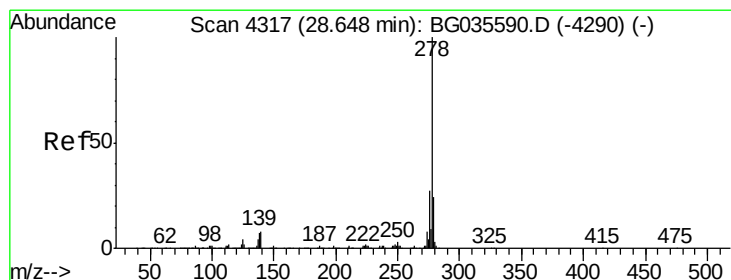
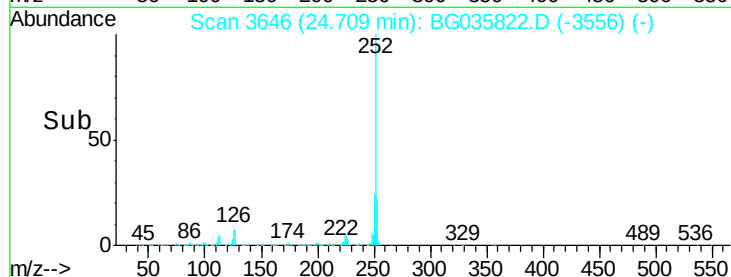
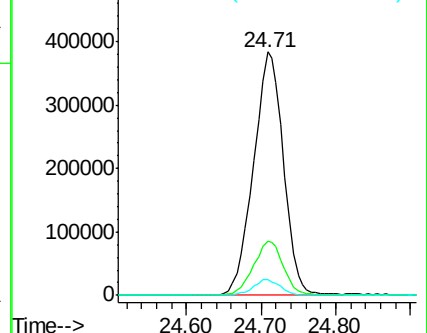
125 6.6 7.3 10.9#



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: 46.441 ng

RT: 28.57 min Scan# 4303

Delta R.T. -0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

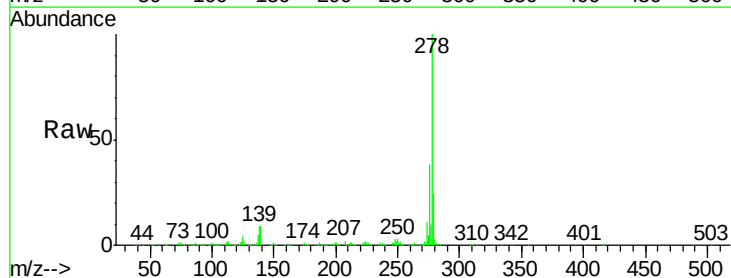
Tgt Ion:278 Resp: 1045572

Ion Ratio Lower Upper

278 100

139 8.8 9.8 14.6#

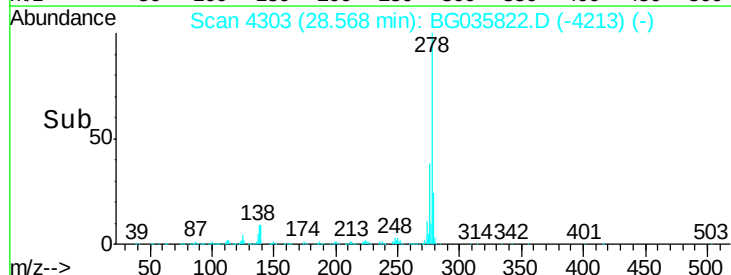
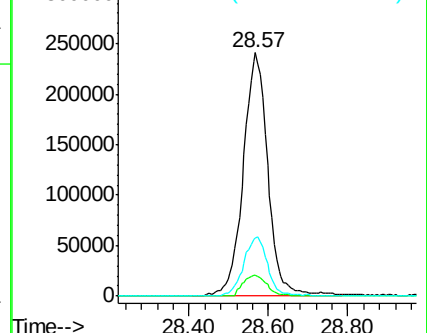
279 23.7 18.4 27.6

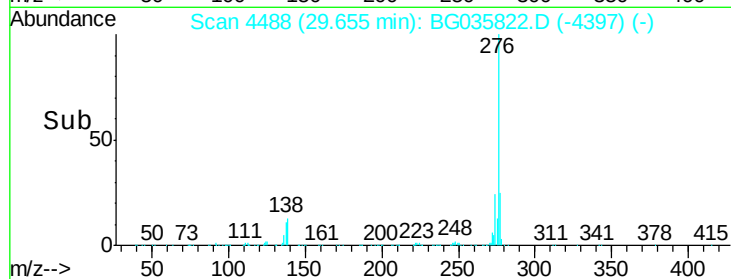
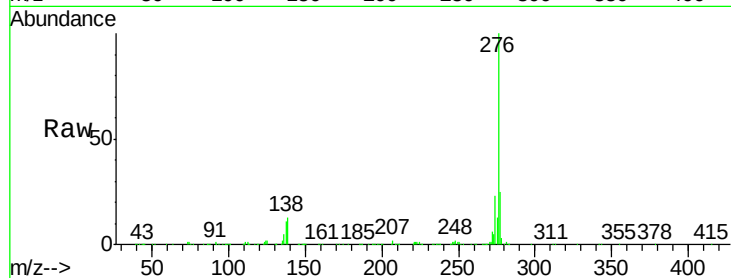
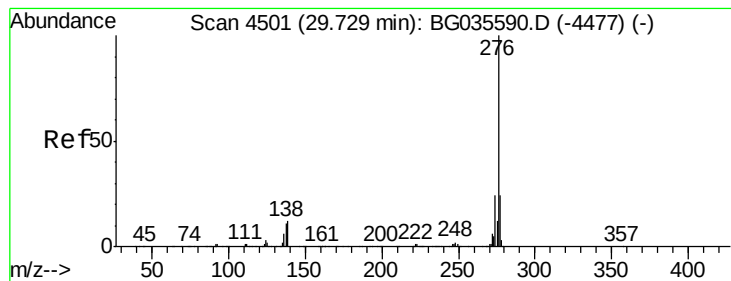


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.597 ng

RT: 29.65 min Scan# 4488

Delta R.T. 0.00 min

Lab File: BG035822.D

Acq: 23 Jul 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB111306BS

Tgt Ion:276 Resp: 1026560

Ion Ratio Lower Upper

276 100

277 24.9 18.3 27.5

138 12.5 13.9 20.9#

