

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035613.D
 Acq On : 13 Jul 2018 3:01
 Operator : JU/SJ
 Sample : PB111040BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111040BS

Quant Time: Jul 13 04:36:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47574	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	195035	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	142555	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	379603	20.00	ng	0.00
75) Chrysene-d12	21.69	240	392892	20.00	ng	0.00
86) Perylene-d12	24.91	264	383792	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	432990	151.10	ng	0.00
7) Phenol-d6	7.22	99	664869	155.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	432166	92.57	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	283258	150.75	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	962932	90.50	ng	0.00
78) Terphenyl-d14	20.02	244	1645099	92.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	43603	29.897	ng	# 78
3) Pyridine	3.94	79	135515	35.592	ng	# 78
4) n-Nitrosodimethylamine	3.86	42	65229	39.900	ng	# 80
6) Aniline	7.38	93	221705	40.009	ng	97
8) 2-Chlorophenol	7.63	128	150269	51.562	ng	97
9) Benzaldehyde	7.19	77	103598	39.492	ng	97
10) Phenol	7.25	94	232789	53.895	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	150973	44.632	ng	90
12) 1,3-Dichlorobenzene	7.95	146	151911	43.164	ng	# 95
13) 1,4-Dichlorobenzene	8.09	146	150560	42.105	ng	100
14) 1,2-Dichlorobenzene	8.41	146	152790	44.478	ng	97
15) Benzyl Alcohol	8.29	79	191040	49.207	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	179152	63.172	ng	81
17) 2-Methylphenol	8.50	107	156975	53.453	ng	# 87
18) Hexachloroethane	9.14	117	57658	42.171	ng	# 85
19) n-Nitroso-di-n-propylamine	8.86	70	151594	42.108	ng	# 86
20) 3+4-Methylphenols	8.83	107	217299	53.338	ng	92
22) Acetophenone	8.88	105	263893	43.511	ng	# 91
24) Nitrobenzene	9.26	77	218115	46.454	ng	93
25) Isophorone	9.78	82	438531	50.599	ng	99
26) 2-Nitrophenol	9.97	139	85990	51.567	ng	# 92
27) 2,4-Dimethylphenol	10.03	122	168589	59.726	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	226942	47.521	ng	98
29) 2,4-Dichlorophenol	10.51	162	181560	56.348	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	179924	45.538	ng	98
31) Naphthalene	10.91	128	464022	45.673	ng	98
32) Benzoic acid	10.18	122	74267	39.084	ng	97
33) 4-Chloroaniline	11.02	127	108316	24.462	ng	# 91
34) Hexachlorobutadiene	11.19	225	136401	44.272	ng	99
35) Caprolactam	11.81	113	34660	25.066	ng	# 74
36) 4-Chloro-3-methylphenol	12.14	107	223045	51.643	ng	93
37) 2-Methylnaphthalene	12.51	142	377865	49.923	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	252552	46.938	ng	98
40) Hexachlorocyclopentadiene	12.86	237	342623	121.421	ng	88

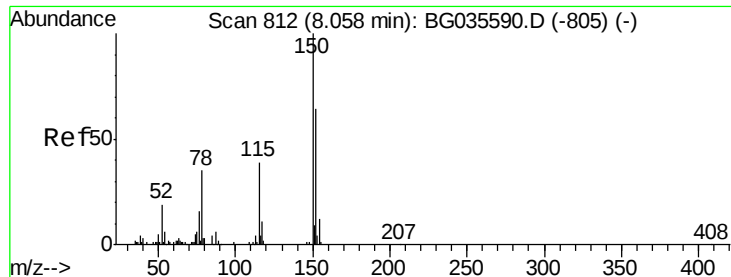
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035613.D
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 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	165235	52.513	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	179312	50.940	ng	95
45) 1,1'-Biphenyl	13.51	154	526782	47.663	ng	98
46) 2-Chloronaphthalene	13.56	162	403998	46.994	ng	98
47) 2-Nitroaniline	13.76	65	150094	49.385	ng	99
48) Acenaphthylene	14.40	152	677743	47.063	ng	98
49) Dimethylphthalate	14.13	163	564113	45.165	ng	99
50) 2,6-Dinitrotoluene	14.25	165	127574	50.159	ng	93
51) Acenaphthene	14.74	154	398265	44.396	ng	98
52) 3-Nitroaniline	14.58	138	78927	30.362	ng #	91
53) 2,4-Dinitrophenol	14.79	184	101718	77.954	ng #	63
54) Dibenzofuran	15.08	168	661505	46.366	ng	93
55) 4-Nitrophenol	14.90	139	196278	106.022	ng #	87
56) 2,4-Dinitrotoluene	15.04	165	186590	51.136	ng	92
57) Fluorene	15.72	166	546777	45.726	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	187026	55.415	ng	94
59) Diethylphthalate	15.49	149	572602	44.585	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	315195	44.848	ng	96
61) 4-Nitroaniline	15.75	138	131212	48.253	ng #	75
62) Azobenzene	16.01	77	606187	47.852	ng	96
64) 4,6-Dinitro-2-methylphenol	15.80	198	89086	42.159	ng	93
65) n-Nitrosodiphenylamine	15.93	169	492104	45.544	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	211855	48.105	ng	95
67) Hexachlorobenzene	16.73	284	217498	47.956	ng	95
68) Atrazine	16.88	200	223742	50.294	ng	97
69) Pentachlorophenol	17.07	266	239233	86.602	ng	97
70) Phenanthrene	17.46	178	878934	46.403	ng	97
71) Anthracene	17.56	178	907639	48.124	ng	99
72) Carbazole	17.82	167	820232	45.793	ng	98
73) Di-n-butylphthalate	18.37	149	933764	44.115	ng #	98
74) Fluoranthene	19.47	202	1144451	44.856	ng	96
76) Benzidine	19.65	184	501855	48.586	ng	99
77) Pyrene	19.83	202	1144921	46.086	ng	97
79) Butylbenzylphthalate	20.71	149	418562	47.114	ng #	97
80) Benzo(a)anthracene	21.67	228	1149535	46.950	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	263477	30.863	ng	96
82) Chrysene	21.74	228	1073225	47.302	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	567099	46.954	ng #	98
84) Di-n-octyl phthalate	22.78	149	957291	47.338	ng #	95
85) Indeno(1,2,3-cd)pyrene	28.58	276	1236539	49.226	ng #	94
87) Benzo(b)fluoranthene	23.89	252	1093686	46.885	ng #	97
88) Benzo(k)fluoranthene	23.95	252	1056776	46.339	ng #	96
89) Benzo(a)pyrene	24.76	252	1071925	49.394	ng #	95
90) Dibenzo(a,h)anthracene	28.64	278	1018927	47.825	ng	97
91) Benzo(g,h,i)perylene	29.73	276	1037078	49.744	ng #	94

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

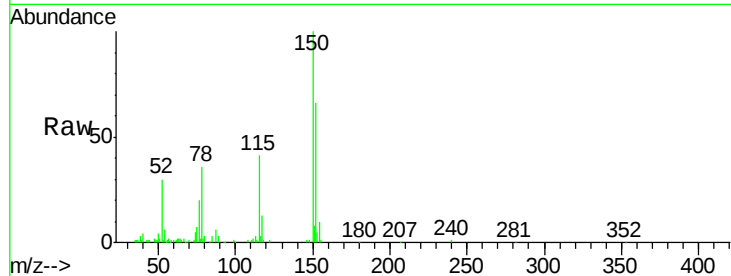


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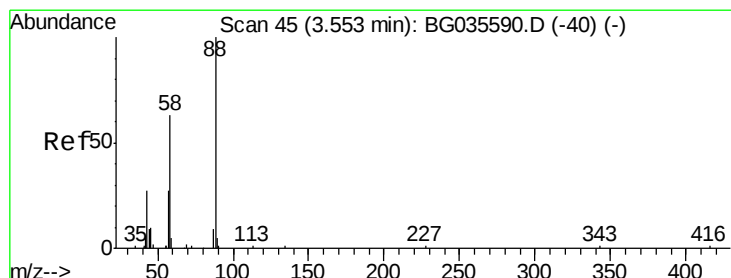
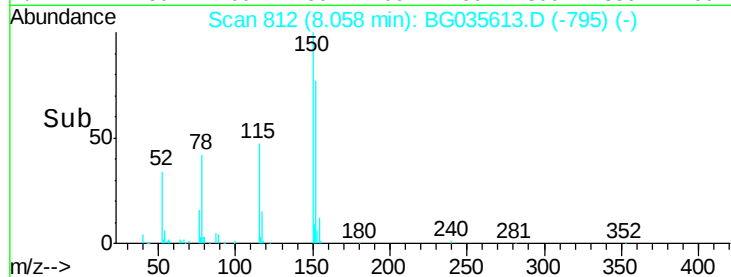
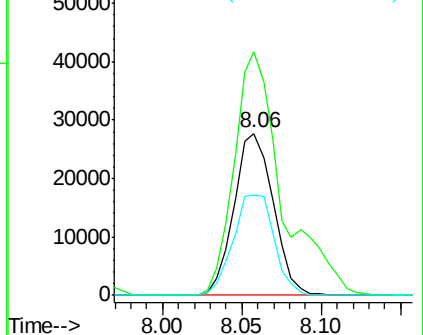
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Instrument :
 BNA_G
 ClientSampled :
 PB111040BS

Tgt Ion: 152 Resp: 47574
 Ion Ratio Lower Upper
 152 100
 150 150.5 126.6 189.8
 115 61.6 53.0 79.4



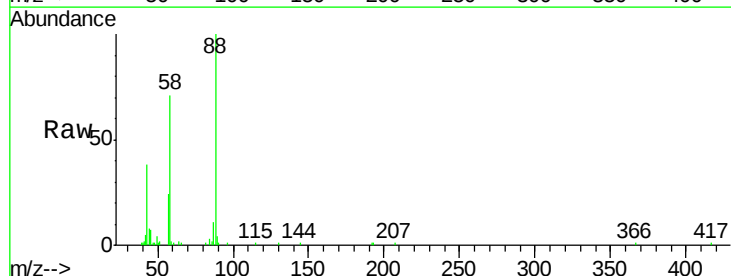
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



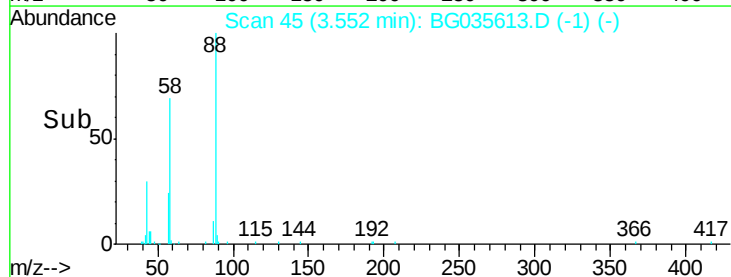
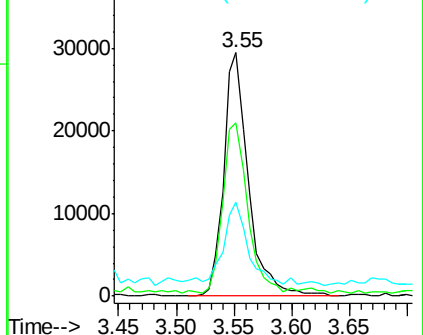
#2

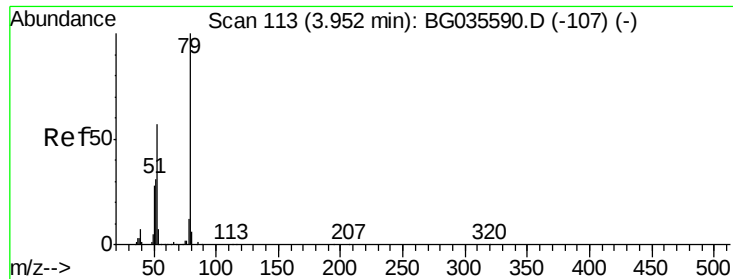
1,4-Dioxane
 Concen: 29.897 ng
 RT: 3.55 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Tgt Ion: 88 Resp: 43603
 Ion Ratio Lower Upper
 88 100
 58 72.0 79.6 119.4#
 43 31.5 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.592 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

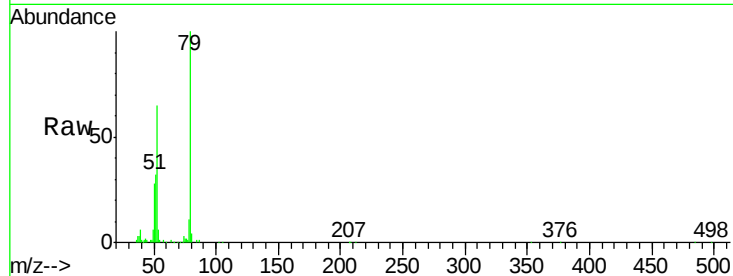
Tgt Ion: 79 Resp: 13515

Ion Ratio Lower Upper

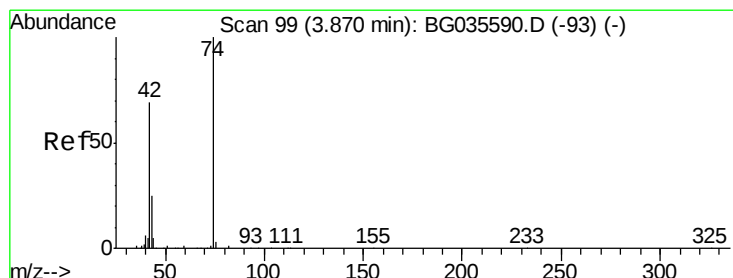
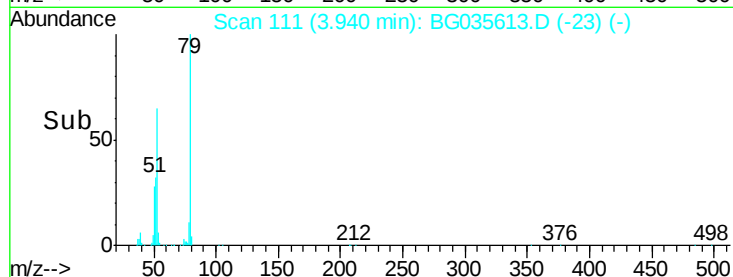
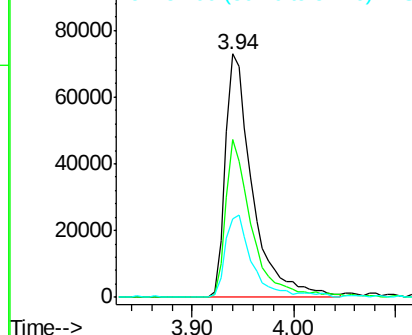
79 100

52 64.7 69.9 104.9#

51 32.2 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.900 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

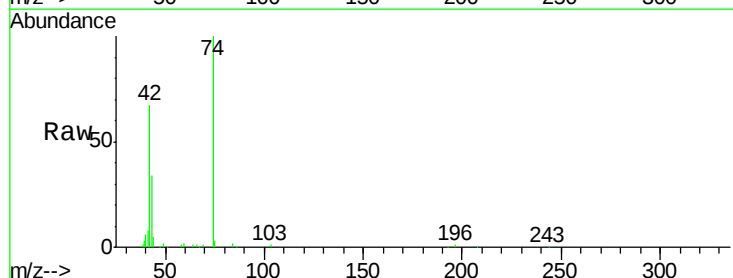
Tgt Ion: 42 Resp: 65229

Ion Ratio Lower Upper

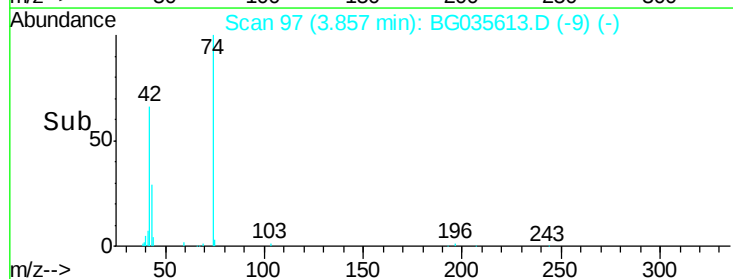
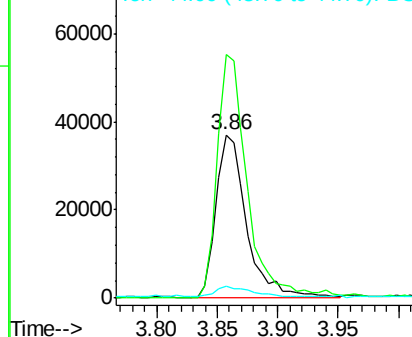
42 100

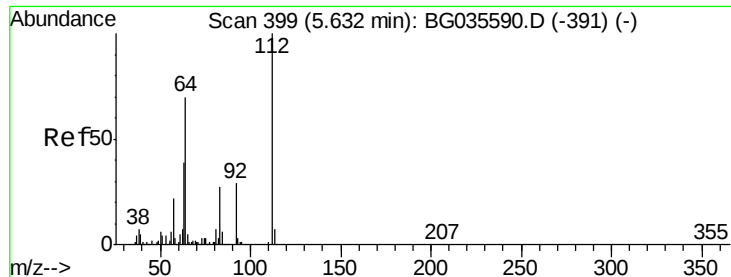
74 148.8 102.5 153.7

44 7.7 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: 151.105 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

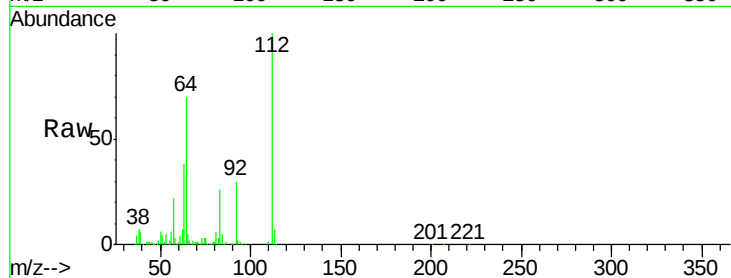
Tgt Ion: 112 Resp: 432990

Ion Ratio Lower Upper

112 100

64 69.8 56.3 84.5

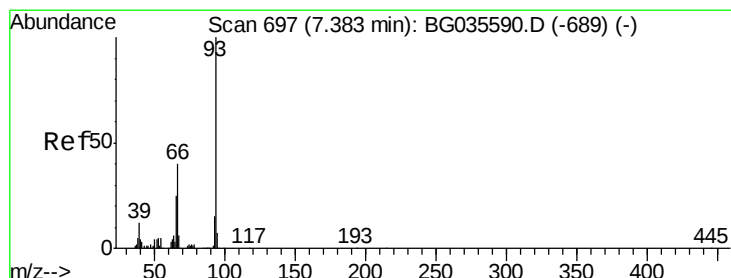
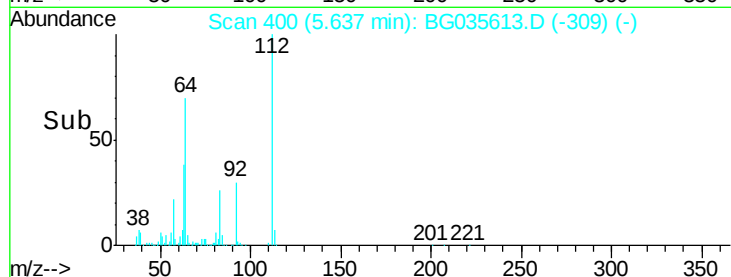
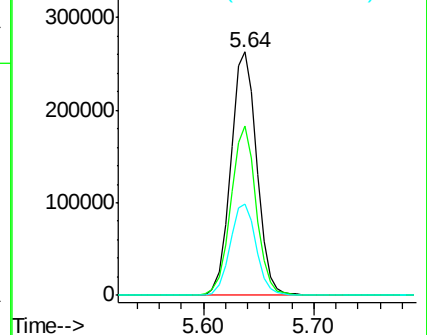
63 37.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.009 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

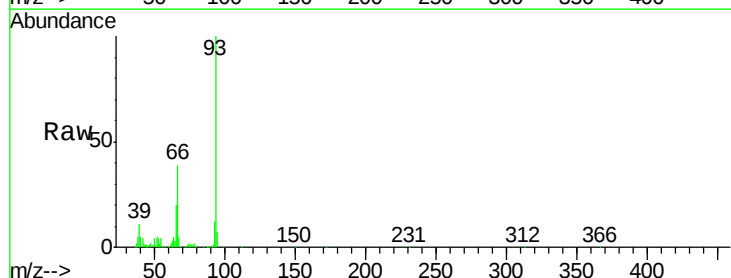
Tgt Ion: 93 Resp: 221705

Ion Ratio Lower Upper

93 100

66 38.9 33.7 50.5

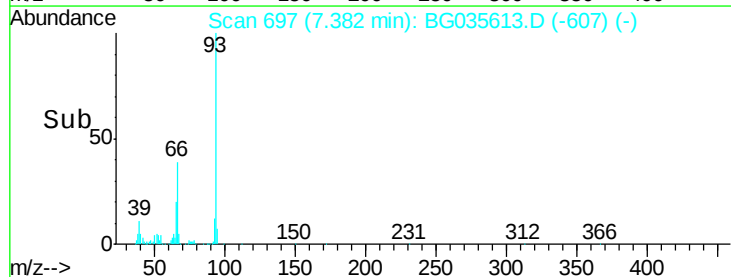
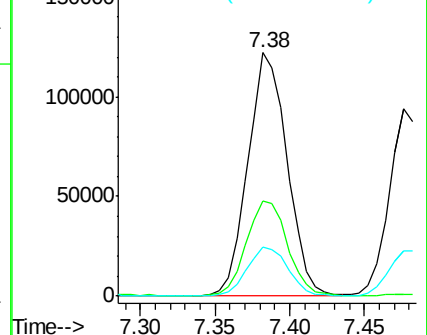
65 20.2 16.1 24.1

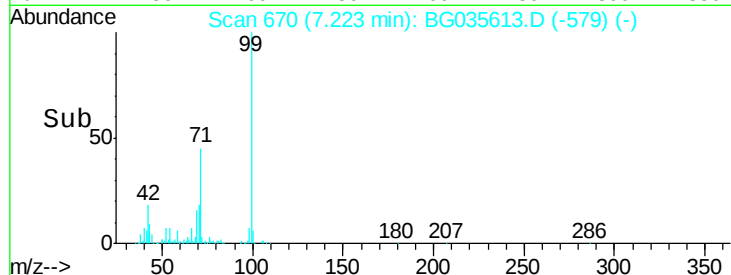
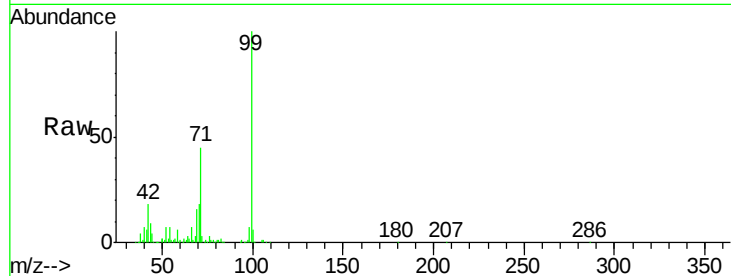
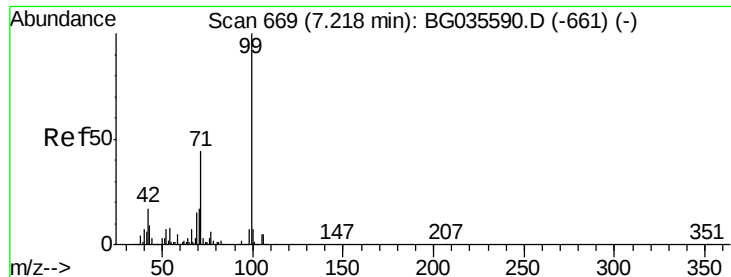


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 155.514 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

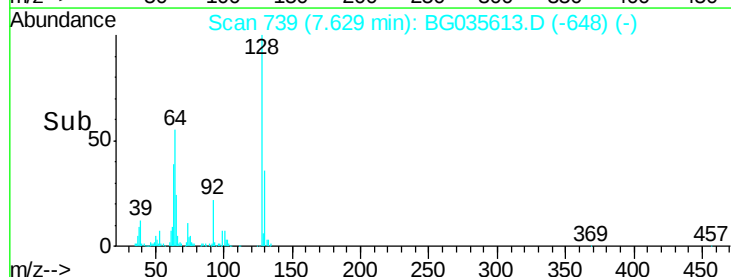
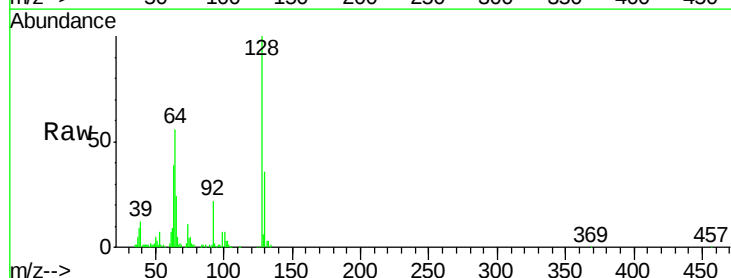
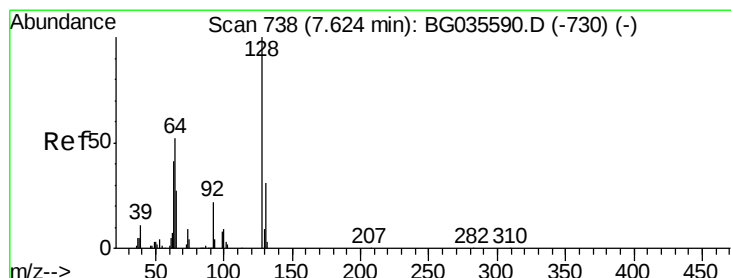
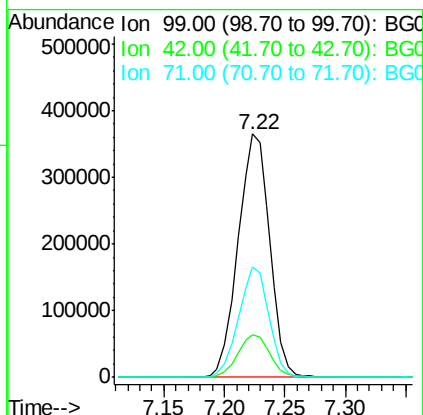
Tgt Ion: 99 Resp: 664869

Ion Ratio Lower Upper

99 100

42 17.7 14.1 21.1

71 45.4 26.1 39.1#



#8

2-Chlorophenol

Concen: 51.562 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

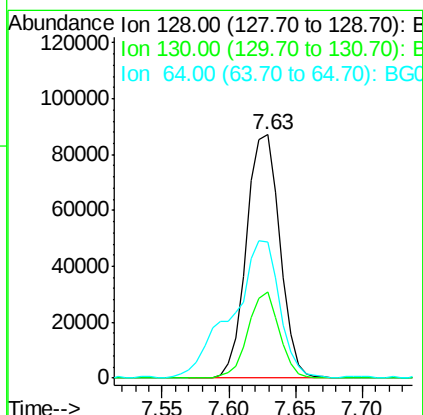
Tgt Ion: 128 Resp: 150269

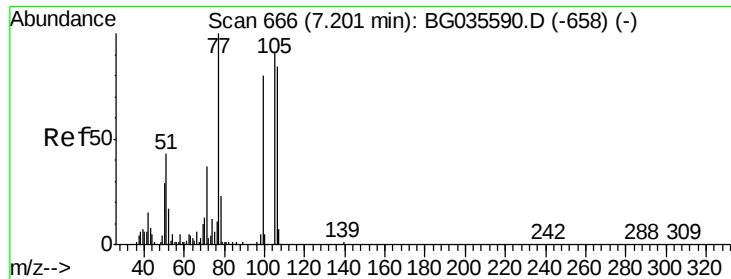
Ion Ratio Lower Upper

128 100

130 35.5 14.0 54.0

64 55.8 37.7 77.7





#9

Benzaldehyde

Concen: 39.492 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

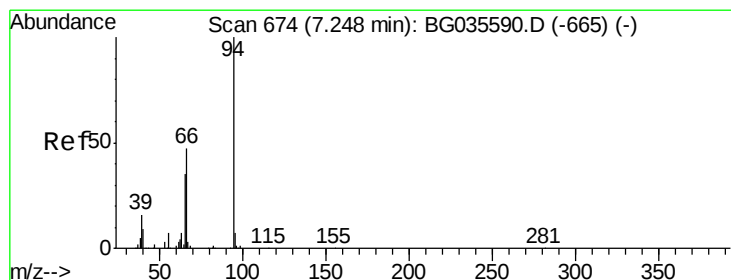
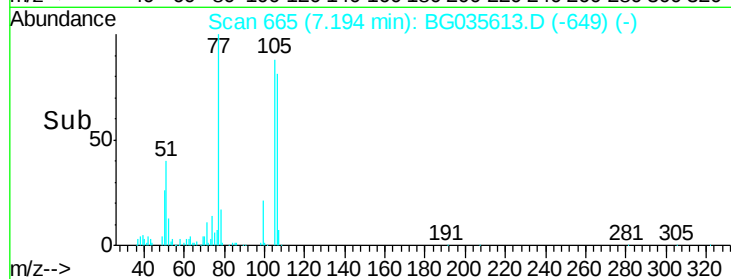
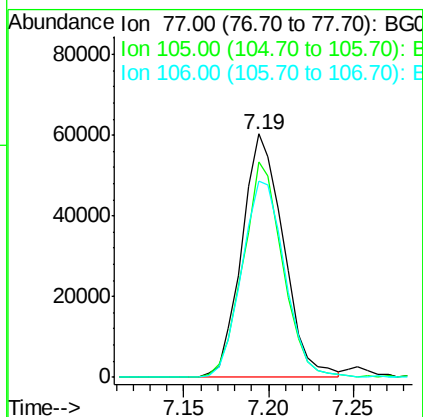
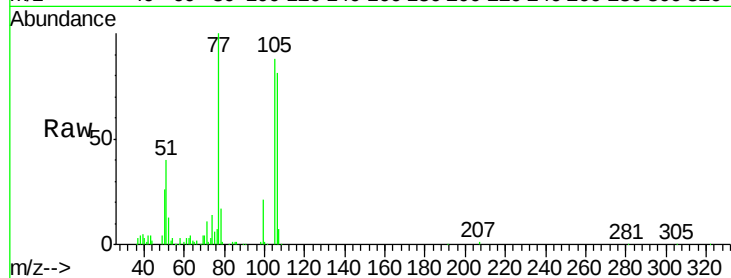
Tgt Ion: 77 Resp: 103598

Ion Ratio Lower Upper

77 100

105 88.4 71.3 111.3

106 80.7 64.2 104.2



#10

Phenol

Concen: 53.895 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

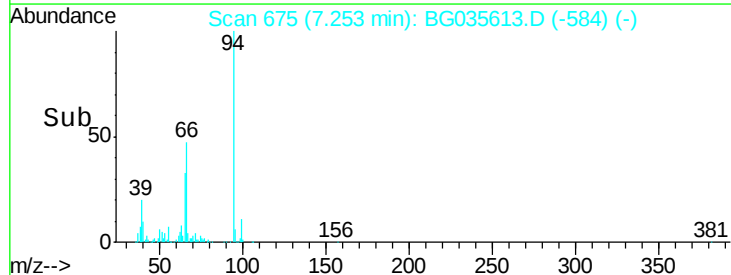
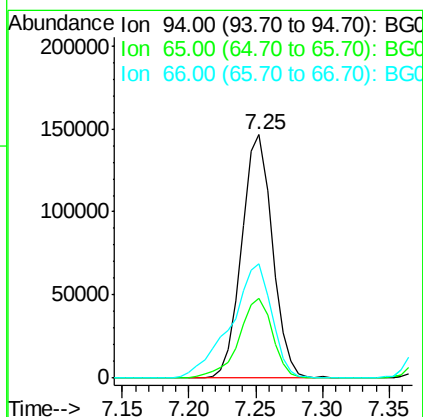
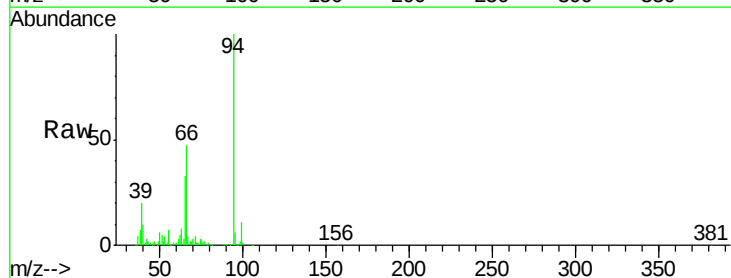
Tgt Ion: 94 Resp: 232789

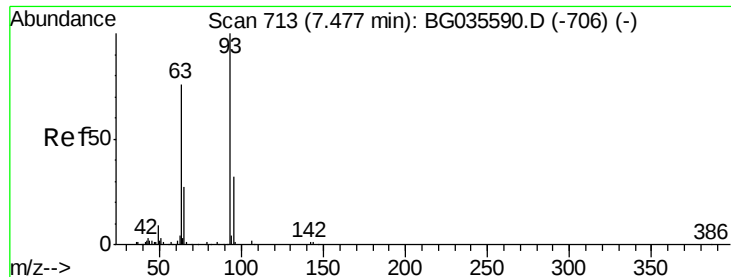
Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

66 46.8 22.2 62.2



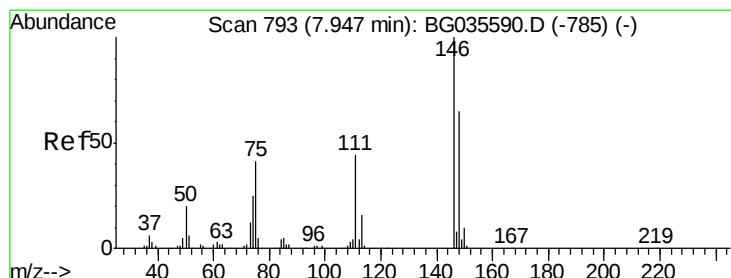
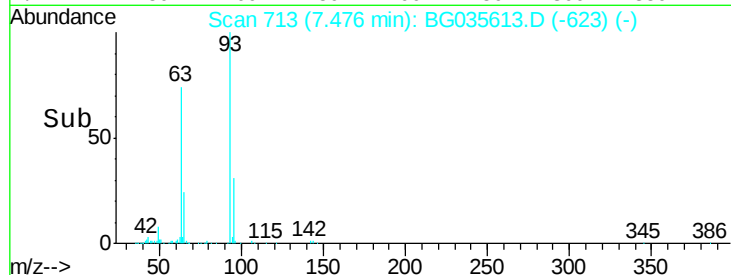
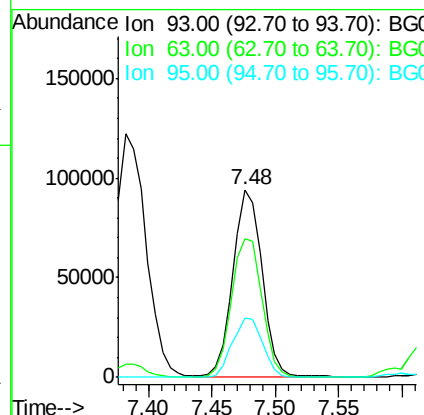
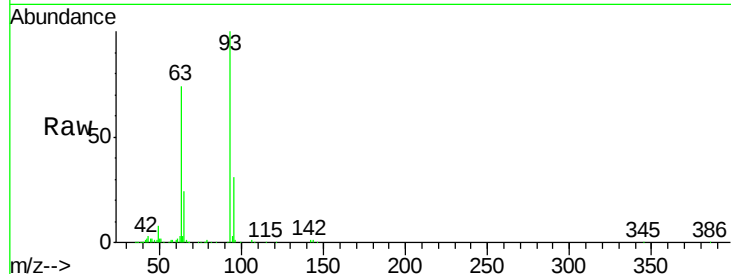


#11
bis(2-Chloroethyl)ether
Concen: 44.632 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB111040BS

Tgt Ion: 93 Resp: 150973

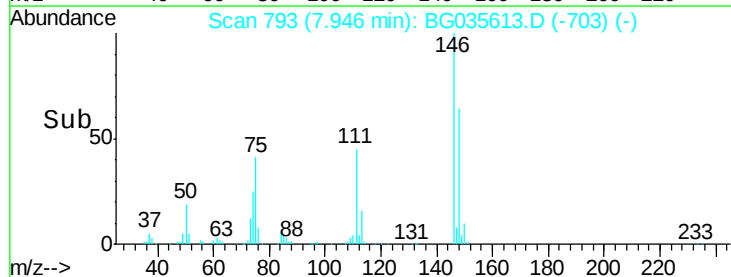
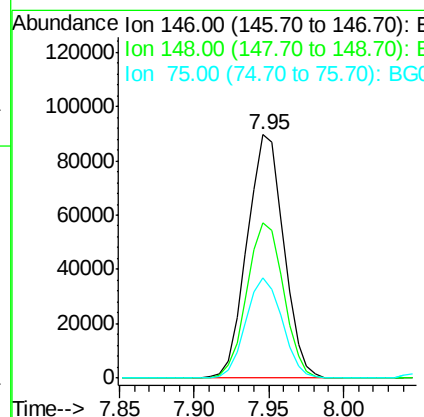
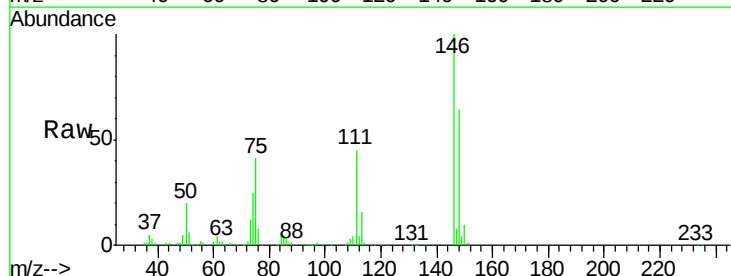
Ion	Ratio	Lower	Upper
93	100		
63	74.0	67.1	107.1
95	31.4	11.5	51.5

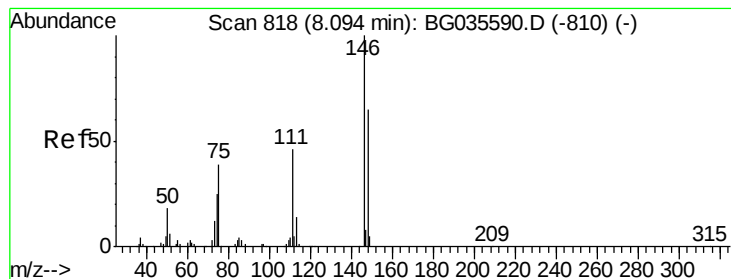


#12
1,3-Dichlorobenzene
Concen: 43.164 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion: 146 Resp: 151911

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	41.1	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 42.105 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

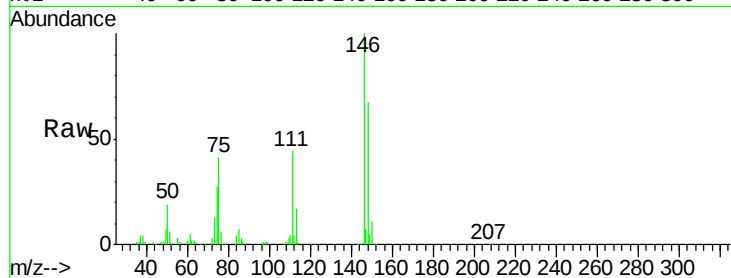
Tgt Ion:146 Resp: 150560

Ion Ratio Lower Upper

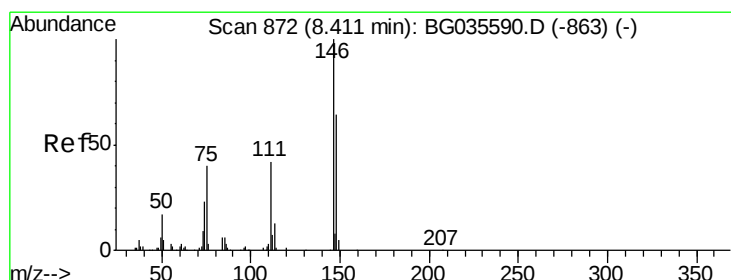
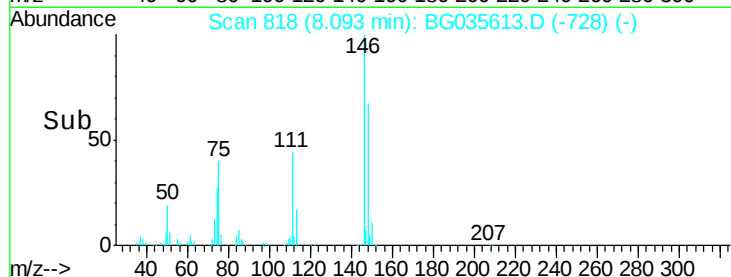
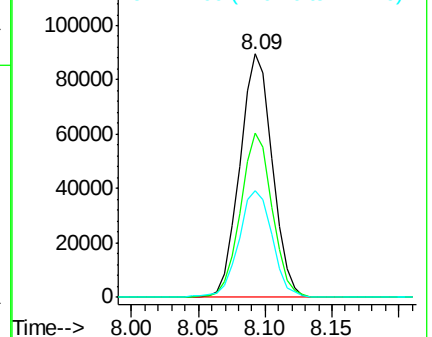
146 100

148 67.2 53.7 80.5

111 43.9 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: 44.478 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

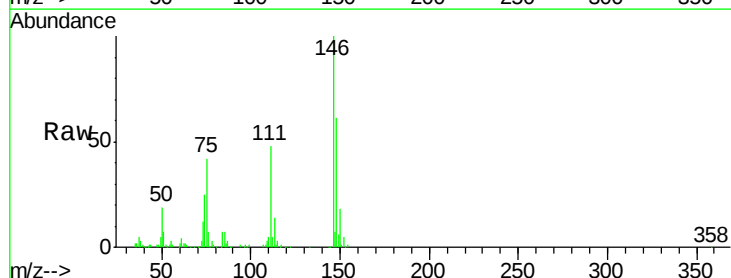
Tgt Ion:146 Resp: 152790

Ion Ratio Lower Upper

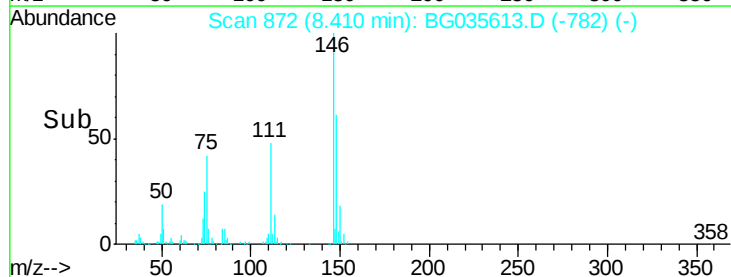
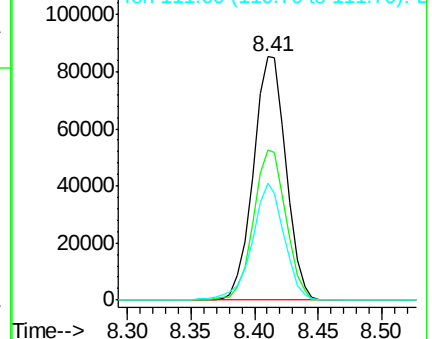
146 100

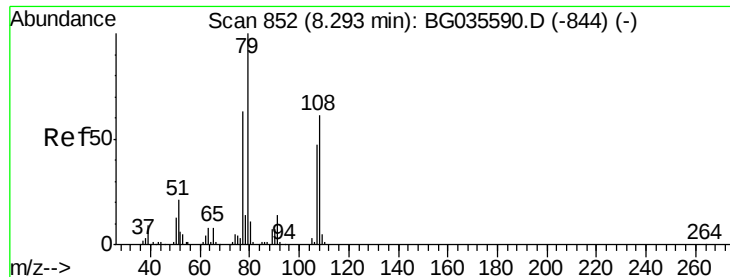
148 61.4 49.3 73.9

111 47.9 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: 49.207 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

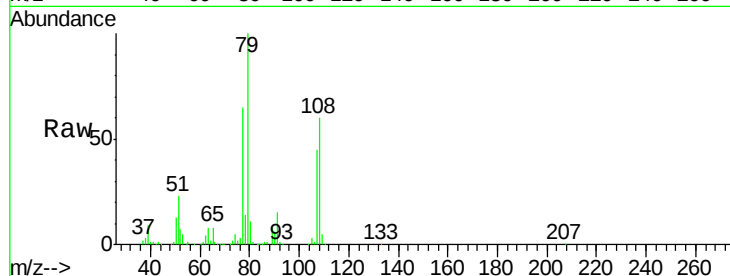
Tgt Ion: 79 Resp: 191040

Ion Ratio Lower Upper

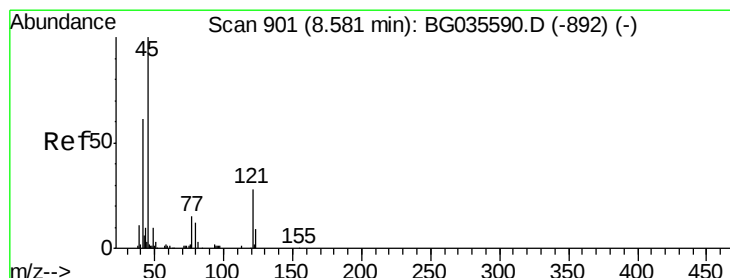
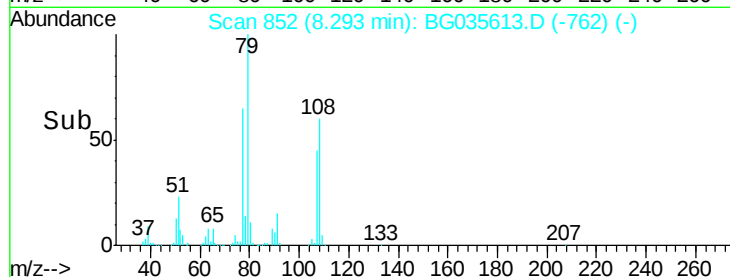
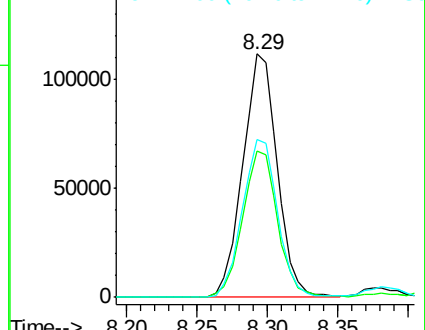
79 100

108 60.0 57.2 85.8

77 64.6 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: 63.172 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

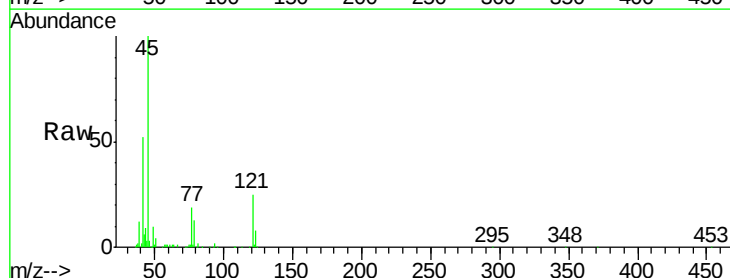
Tgt Ion: 45 Resp: 179152

Ion Ratio Lower Upper

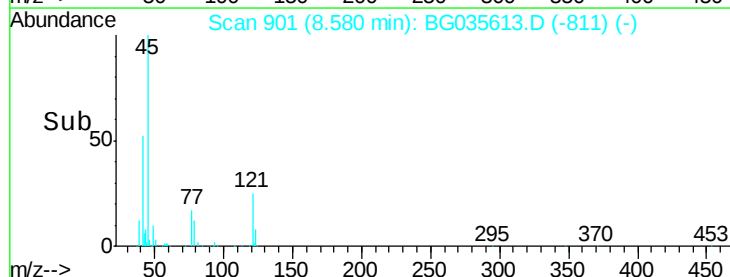
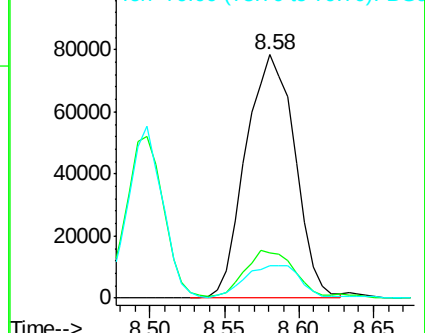
45 100

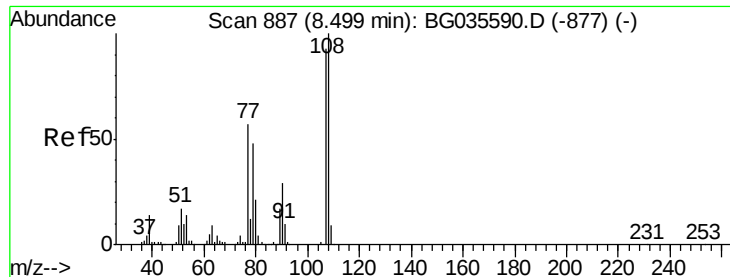
77 18.5 0.0 30.2

79 13.1 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: 53.453 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

Tgt Ion:107 Resp: 156975

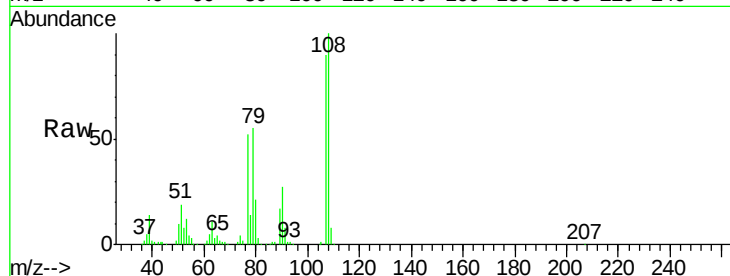
Ion Ratio Lower Upper

107 100

108 111.0 83.9 125.9

77 57.5 37.2 55.8#

79 61.1 36.2 54.2#

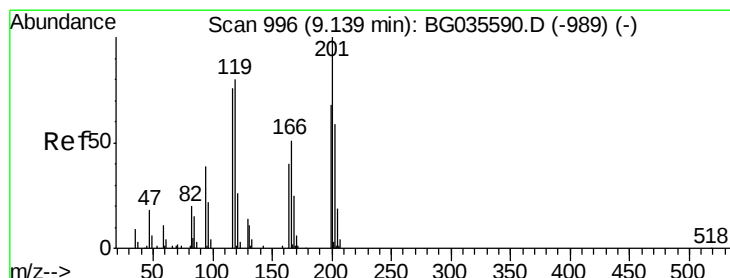
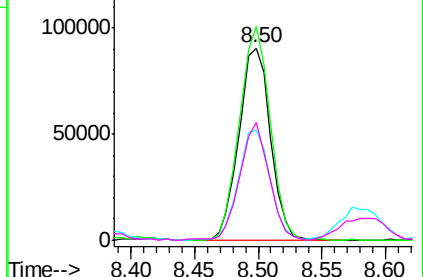
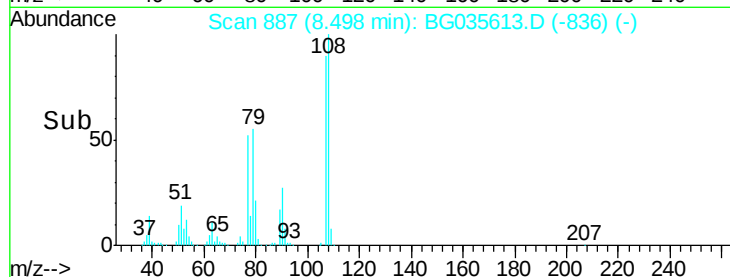


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.171 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

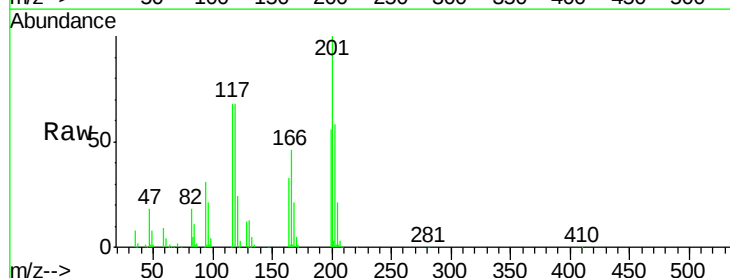
Tgt Ion:117 Resp: 57658

Ion Ratio Lower Upper

117 100

119 99.4 76.7 115.1

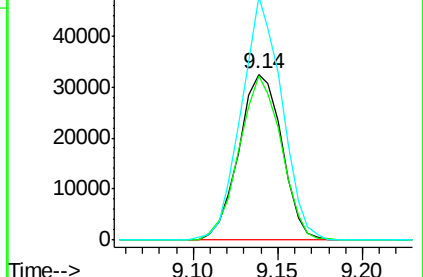
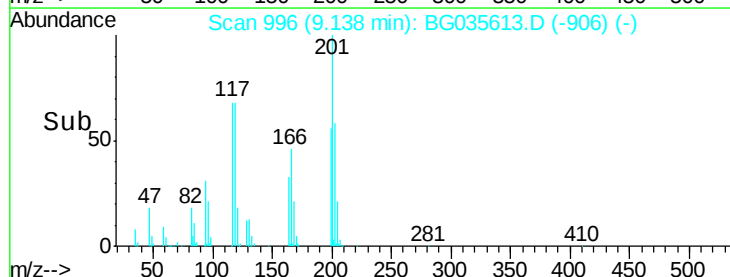
201 147.0 95.7 143.5#

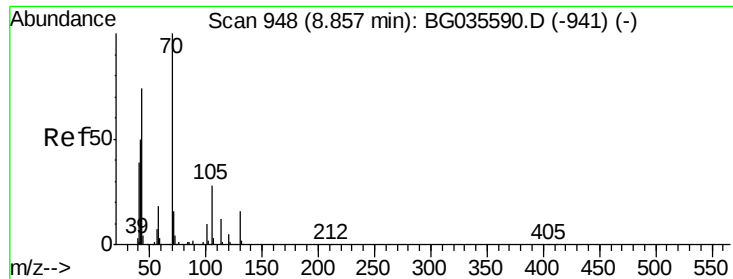


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

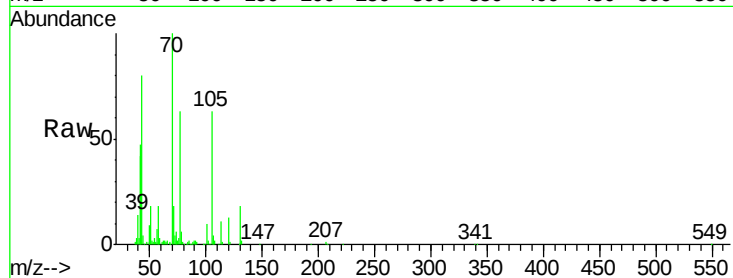




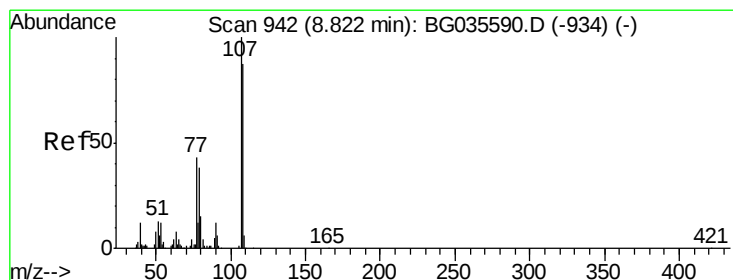
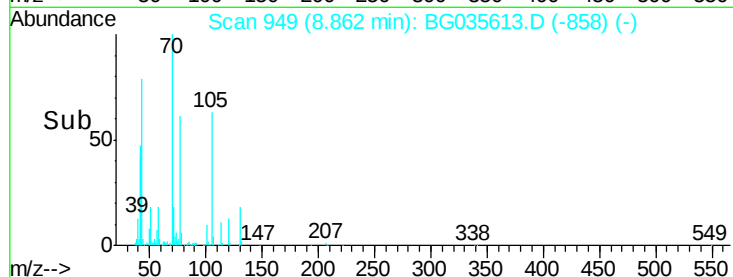
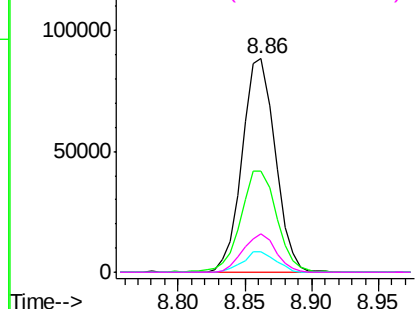
#19
n-Nitroso-di-n-propylamine
Concen: 42.108 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB111040BS

Tgt Ion: 70 Resp: 151594
Ion Ratio Lower Upper
70 100
42 47.3 49.1 73.7#
101 9.5 8.5 12.7
130 18.0 13.4 20.0

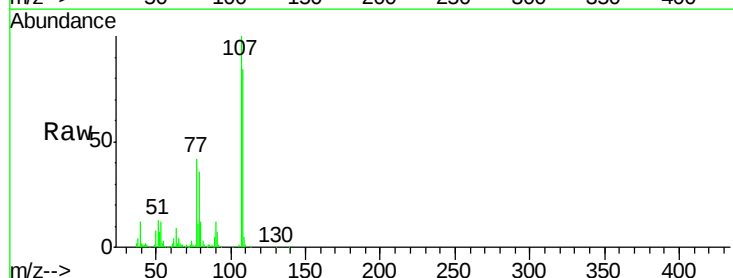


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

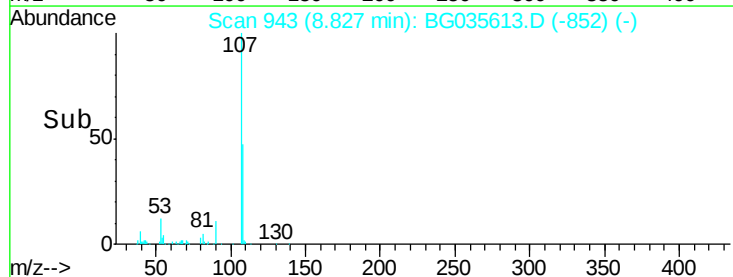
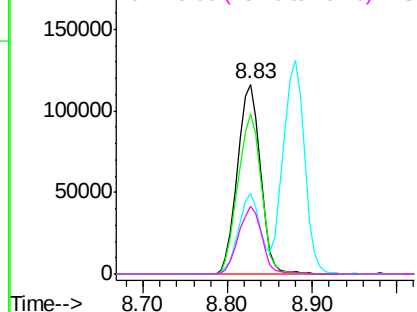


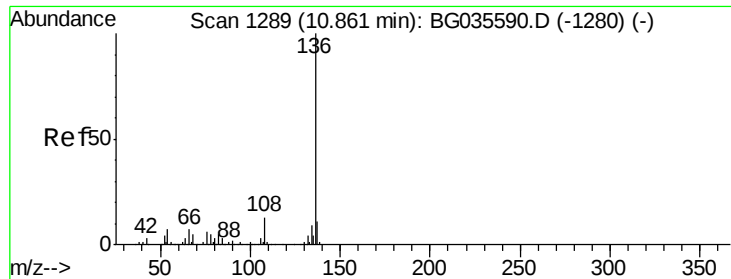
#20
3+4-Methylphenols
Concen: 53.338 ng
RT: 8.83 min Scan# 943
Delta R.T. 0.01 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion: 107 Resp: 217299
Ion Ratio Lower Upper
107 100
108 84.5 61.6 101.6
77 42.2 13.9 53.9
79 35.9 8.8 48.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

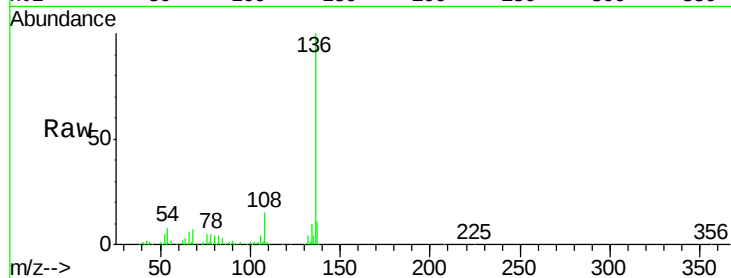




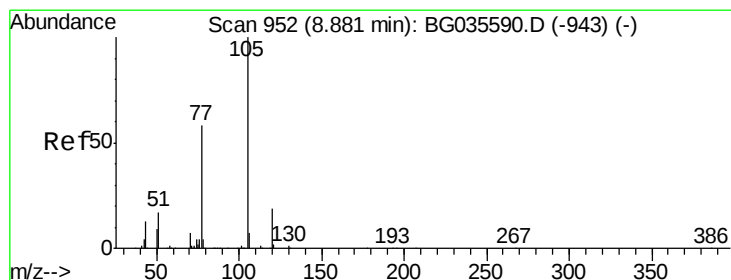
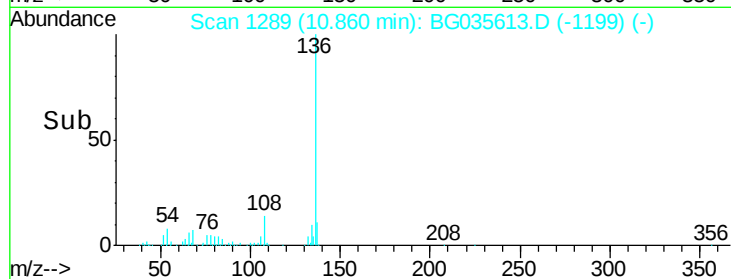
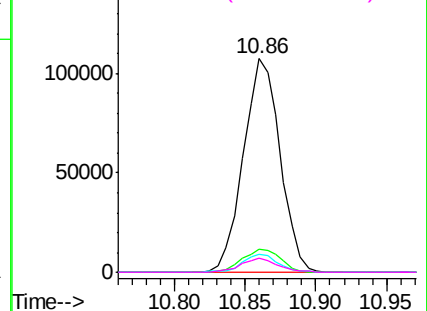
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB111040BS

Tgt Ion:	136	Resp:	195035
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	8.3	10.3	15.5#
68	6.6	4.5	6.7

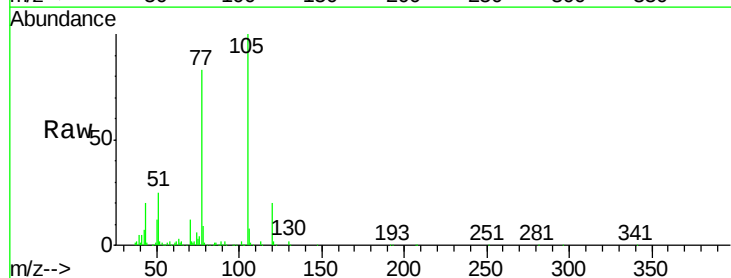


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

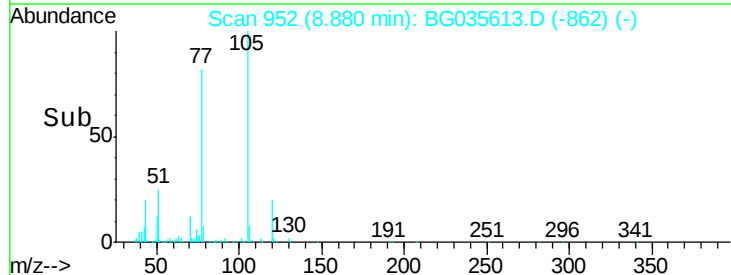
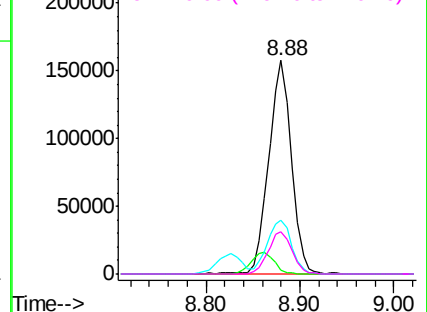


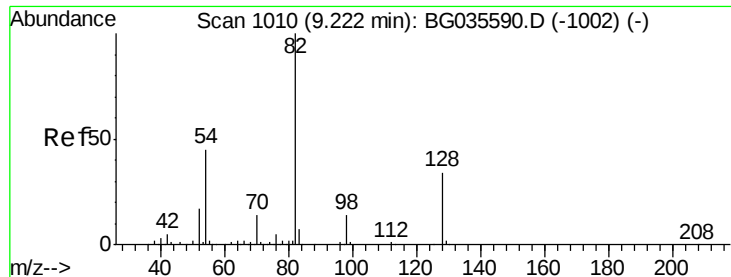
#22
Acetophenone
Concen: 43.511 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion:	105	Resp:	263893
Ion Ratio	Lower	Upper	
105	100		
71	2.1	3.0	4.4#
51	25.1	26.1	39.1#
120	19.7	17.4	26.2



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





#23

Nitrobenzene-d5

Concen: 92.566 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

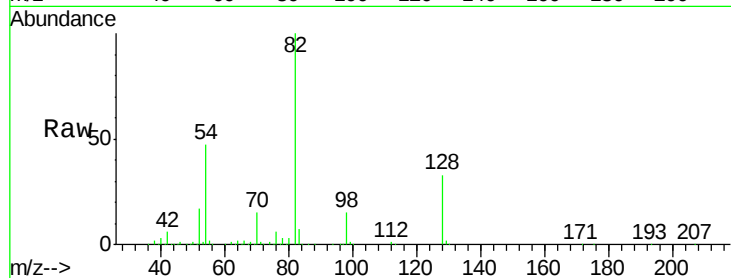
Tgt Ion: 82 Resp: 432166

Ion Ratio Lower Upper

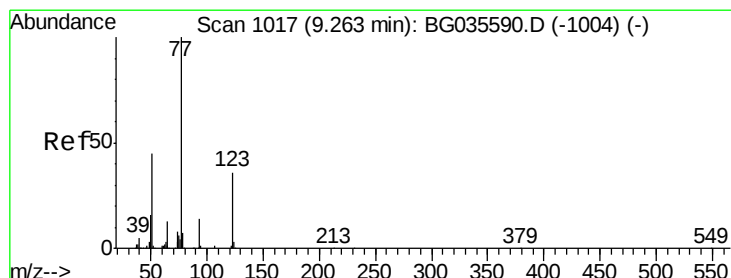
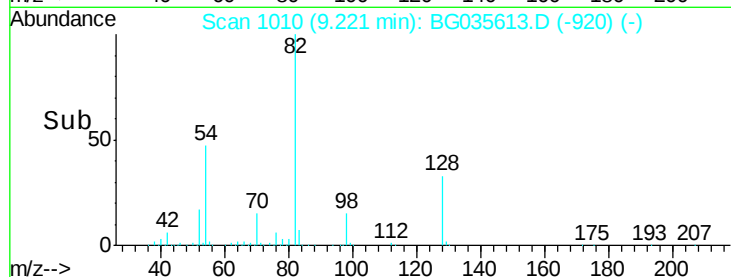
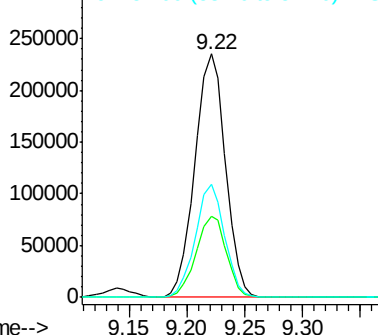
82 100

128 33.4 29.7 44.5

54 46.6 43.1 64.7



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



#24

Nitrobenzene

Concen: 46.454 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

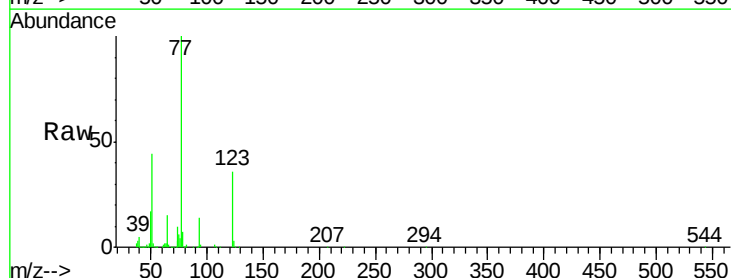
Tgt Ion: 77 Resp: 218115

Ion Ratio Lower Upper

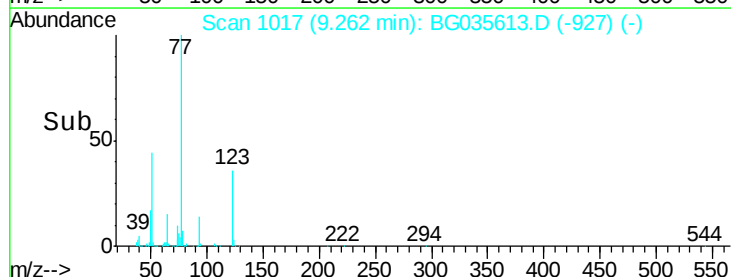
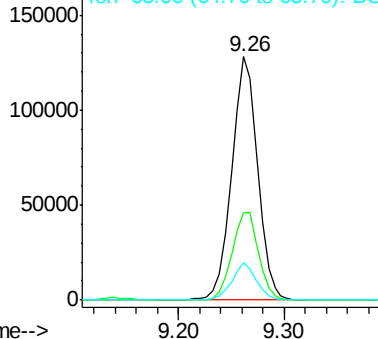
77 100

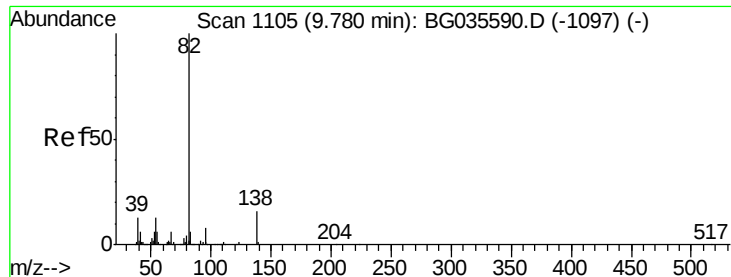
123 36.0 33.0 49.6

65 15.3 13.0 19.6



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





#25

Isophorone

Concen: 50.599 ng

RT: 9.78 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

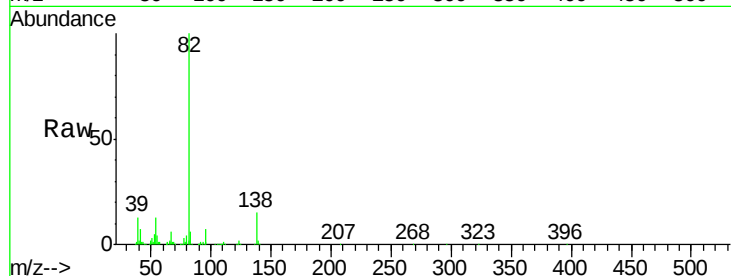
Tgt Ion: 82 Resp: 438531

Ion Ratio Lower Upper

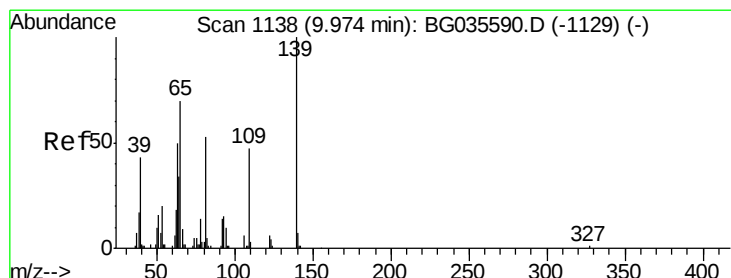
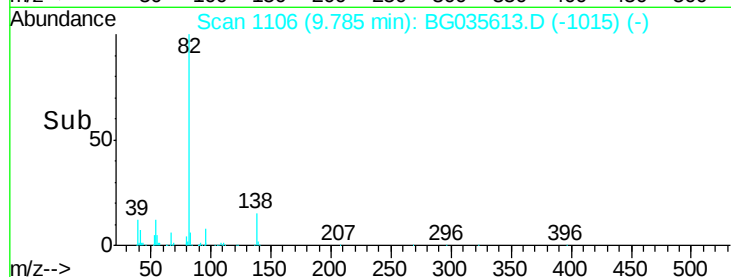
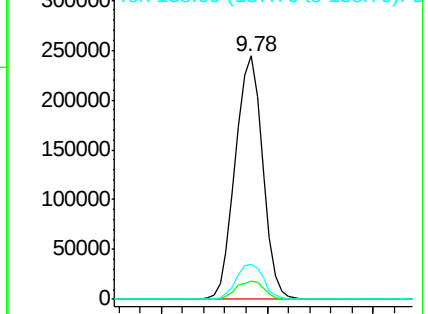
82 100

95 7.4 6.2 9.2

138 14.6 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: 51.567 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

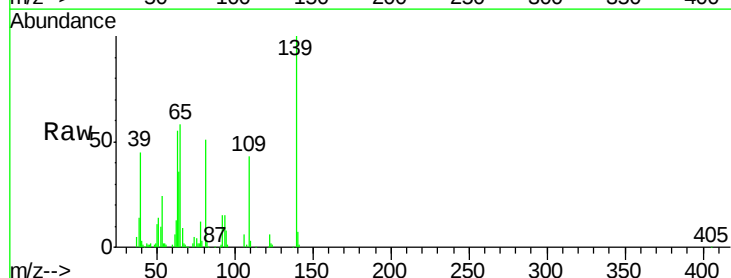
Tgt Ion: 139 Resp: 85990

Ion Ratio Lower Upper

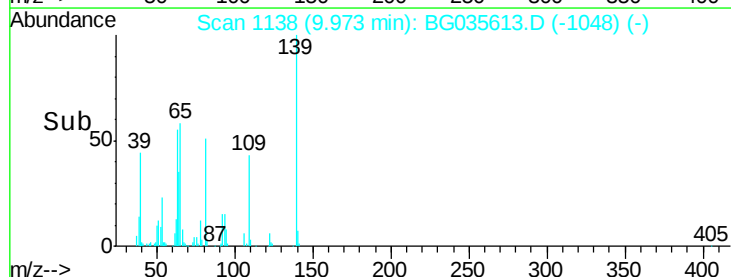
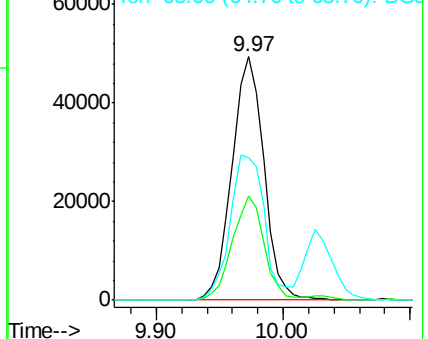
139 100

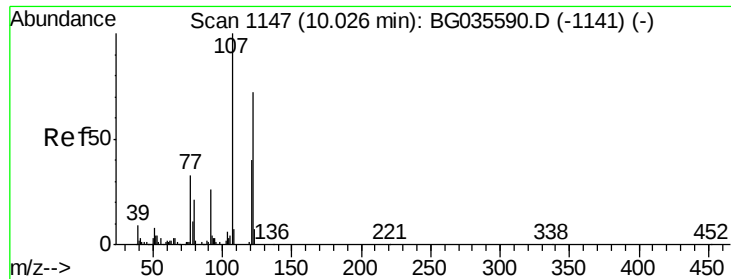
109 42.6 24.2 36.2#

65 58.4 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

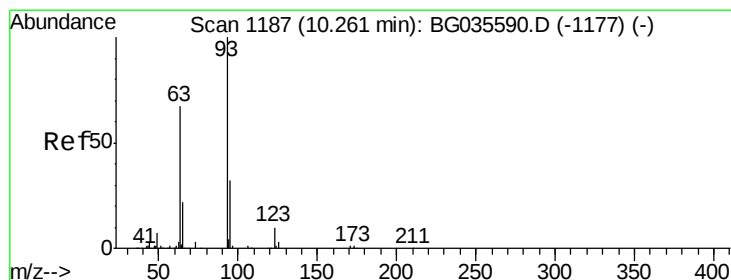
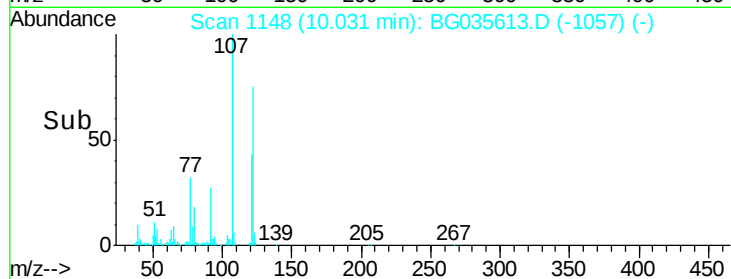
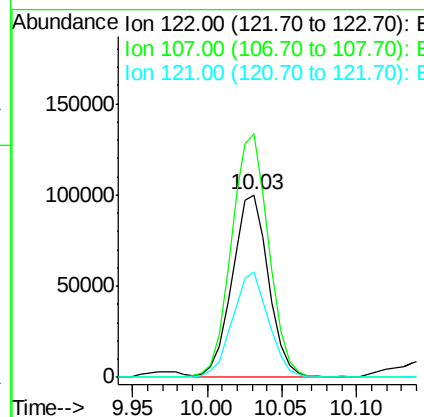
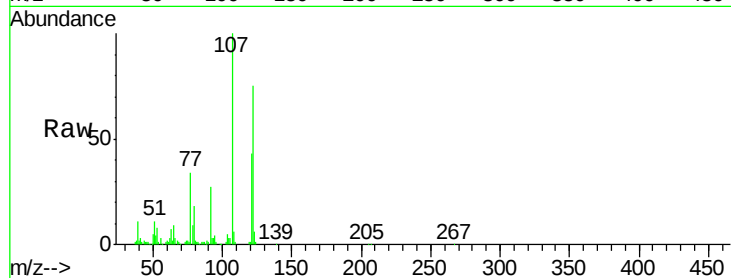




#27
 2,4-Dimethylphenol
 Concen: 59.726 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

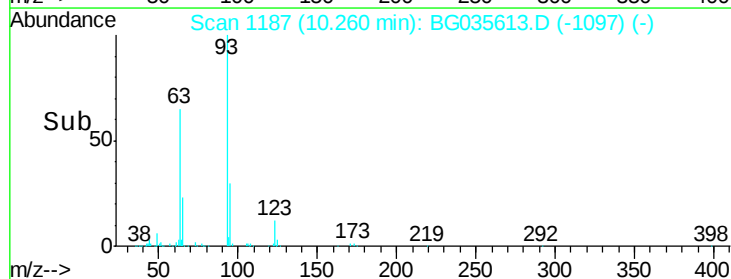
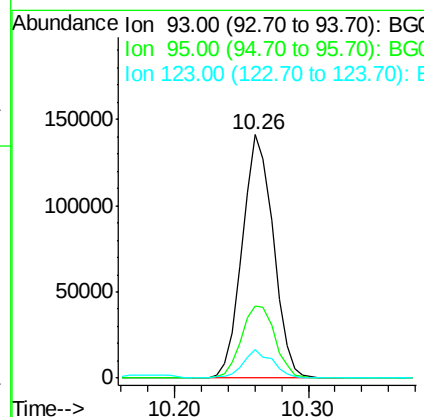
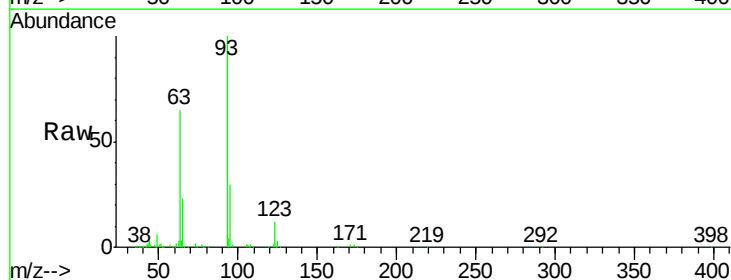
Instrument :
 BNA_G
 ClientSampleId :
 PB111040BS

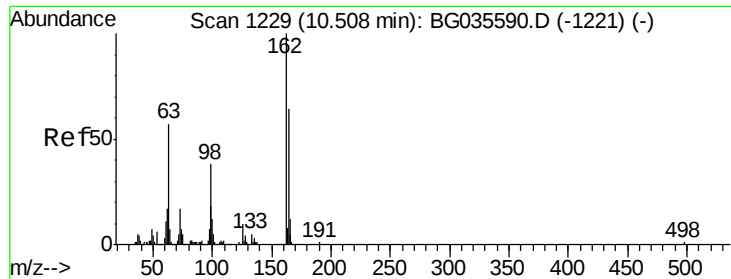
Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.5	100.2	150.2
121	57.5	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.521 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.8	24.3	36.5
123	11.6	8.4	12.6

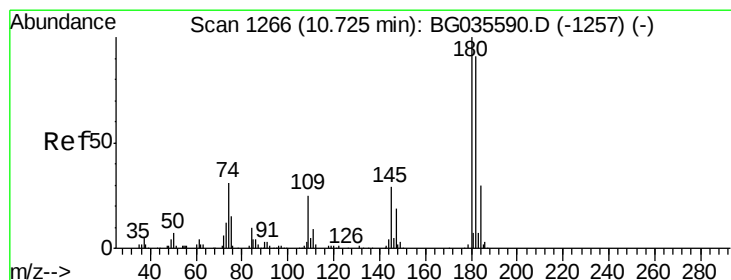
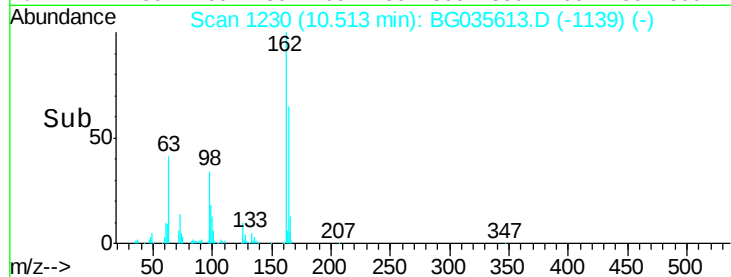
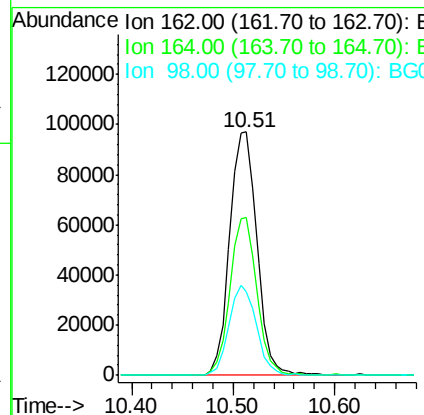
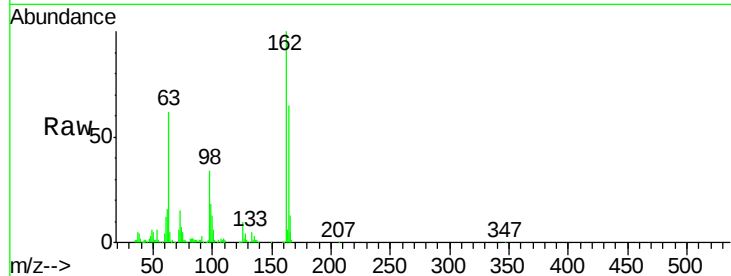




#29
 2,4-Dichlorophenol
 Concen: 56.348 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

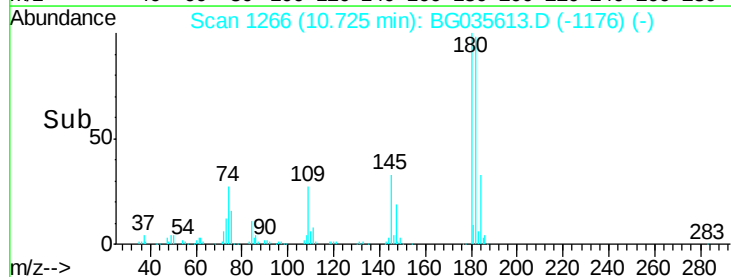
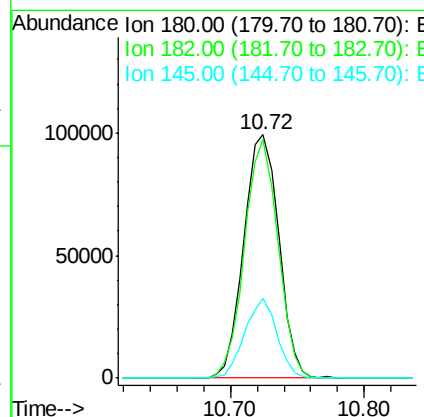
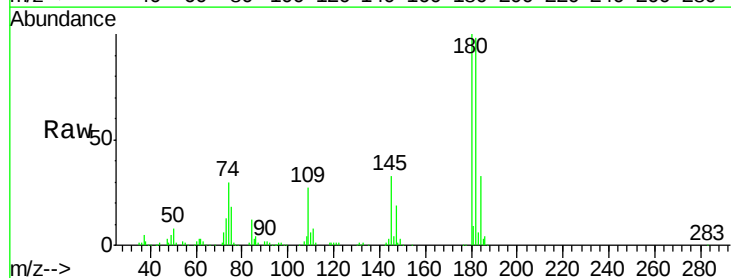
Instrument :
 BNA_G
 ClientSampleId :
 PB111040BS

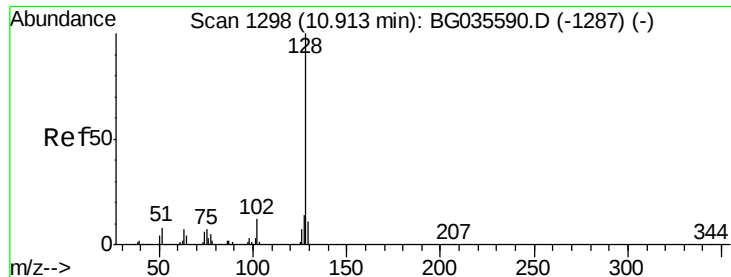
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.0	88.0
98	34.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.538 ng
 RT: 10.72 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.5	116.3
145	32.6	23.4	35.2

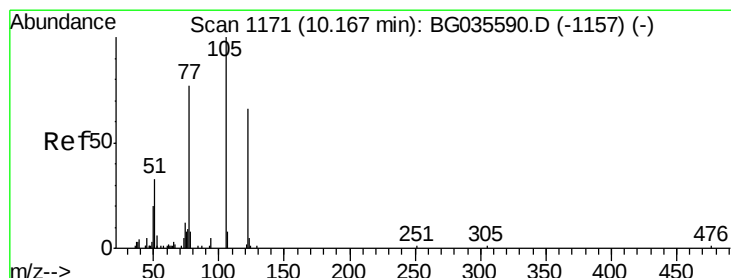
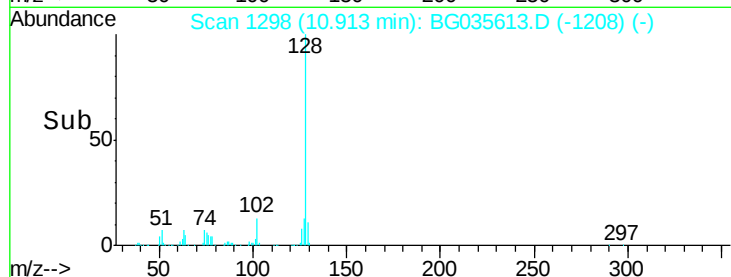
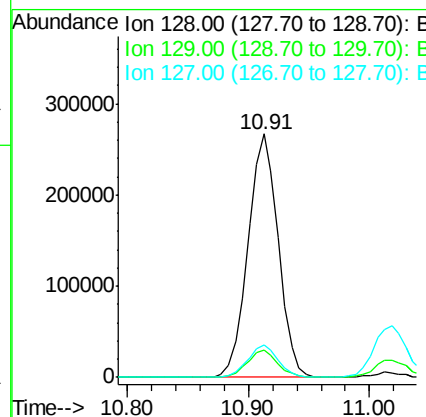
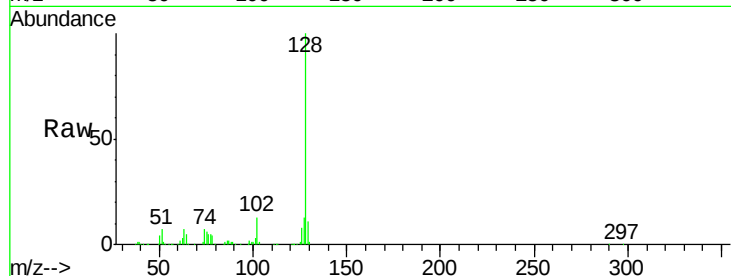




#31
Naphthalene
Concen: 45.673 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

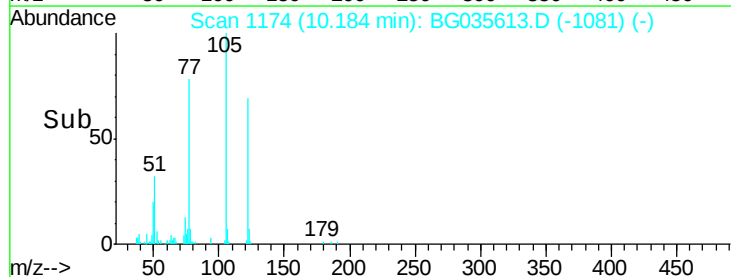
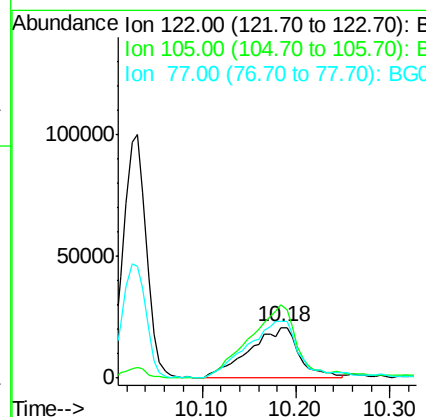
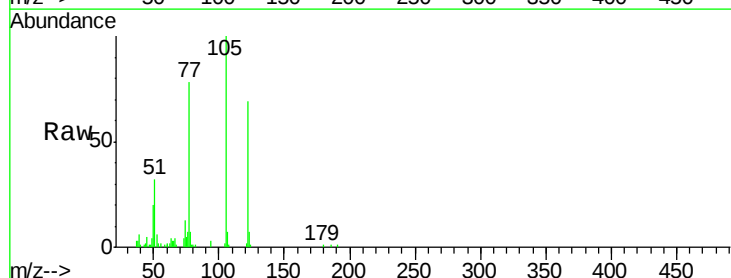
Instrument :
BNA_G
ClientSampleId :
PB111040BS

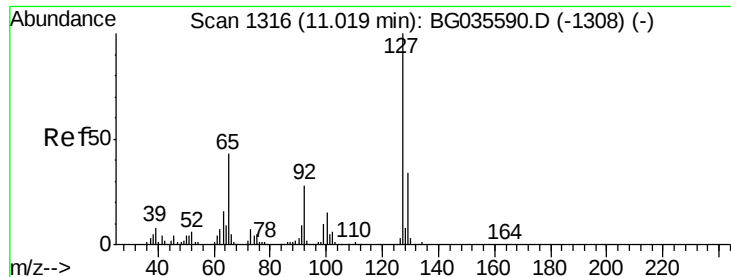
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.3	11.6	17.4



#32
Benzoic acid
Concen: 39.084 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.7	123.5	163.5
77	112.6	85.7	125.7

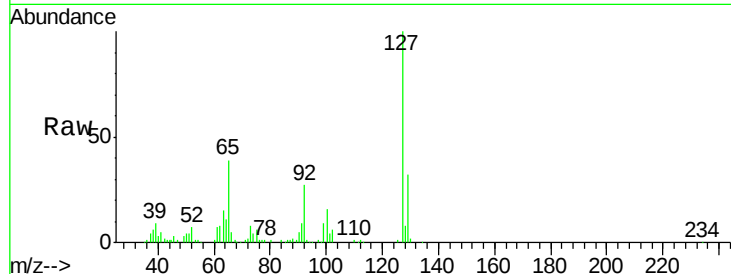




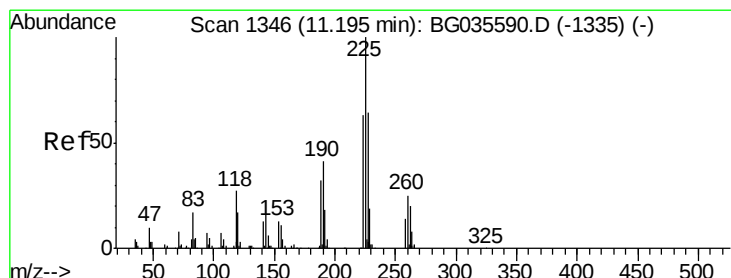
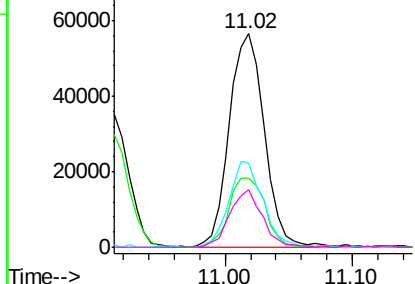
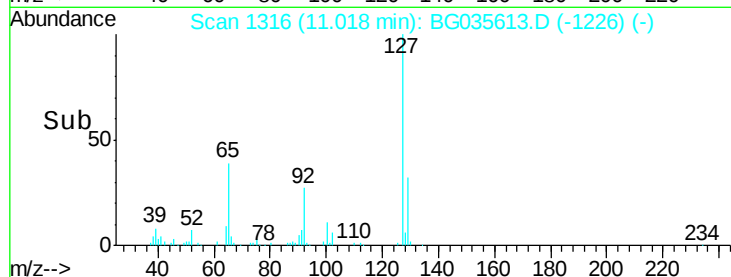
#33
4-Chloroaniline
Concen: 24.462 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB111040BS

Tgt Ion:127 Resp: 108316
Ion Ratio Lower Upper
127 100
129 32.4 24.0 36.0
65 39.5 27.0 40.4
92 26.8 16.6 25.0#

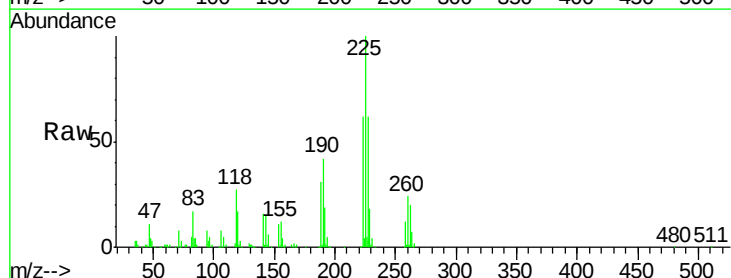


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

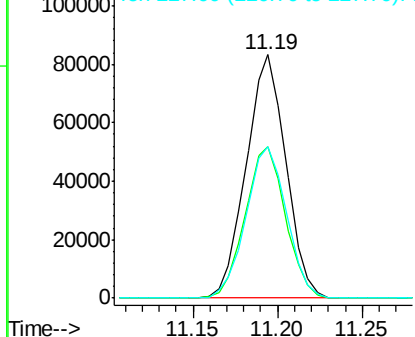
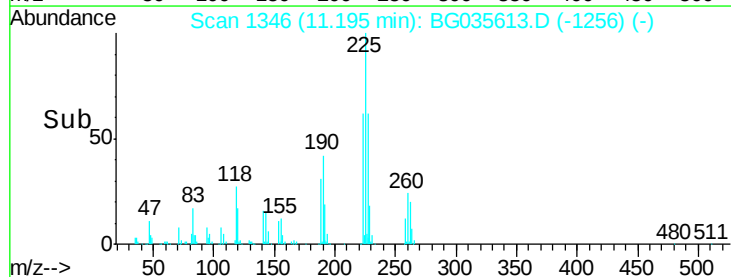


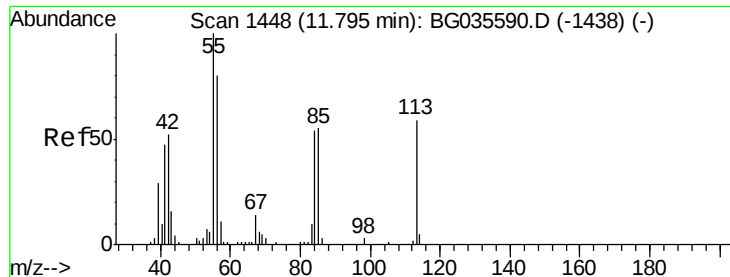
#34
Hexachlorobutadiene
Concen: 44.272 ng
RT: 11.19 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion:225 Resp: 136401
Ion Ratio Lower Upper
225 100
223 62.2 49.7 74.5
227 62.0 48.1 72.1



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





#35

Caprolactam

Concen: 25.066 ng

RT: 11.81 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

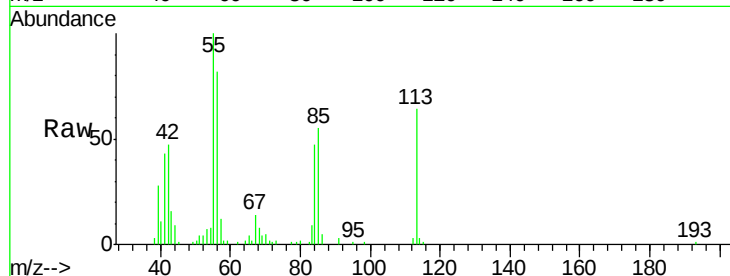
Tgt Ion:113 Resp: 34660

Ion Ratio Lower Upper

113 100

55 157.5 186.9 226.9#

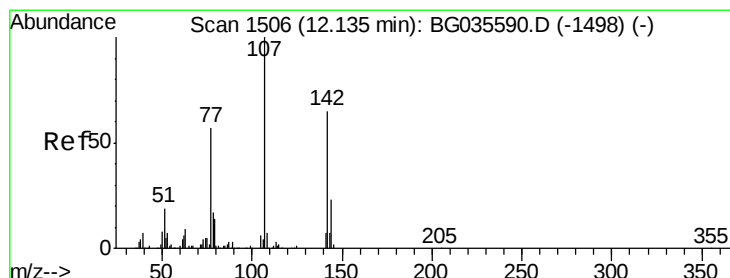
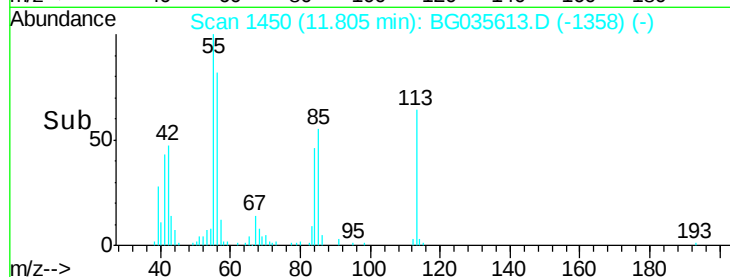
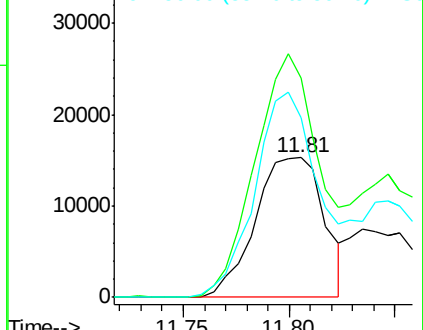
56 128.7 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 51.643 ng

RT: 12.14 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

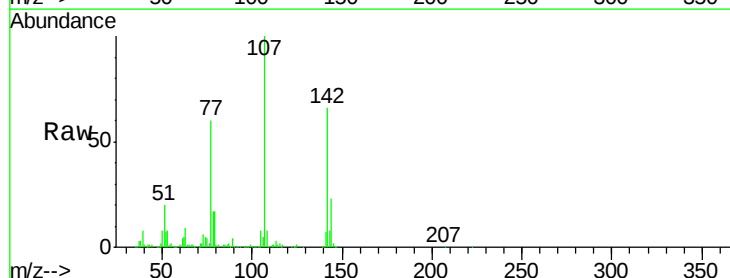
Tgt Ion:107 Resp: 223045

Ion Ratio Lower Upper

107 100

144 23.3 18.2 27.4

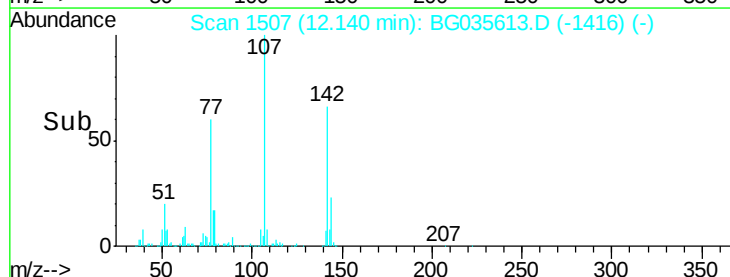
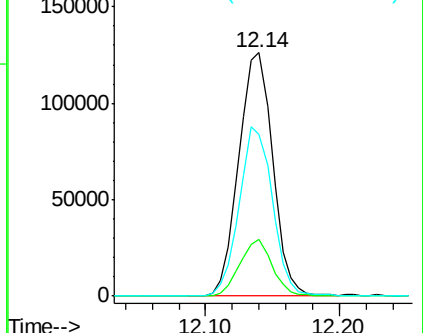
142 66.5 59.0 88.4

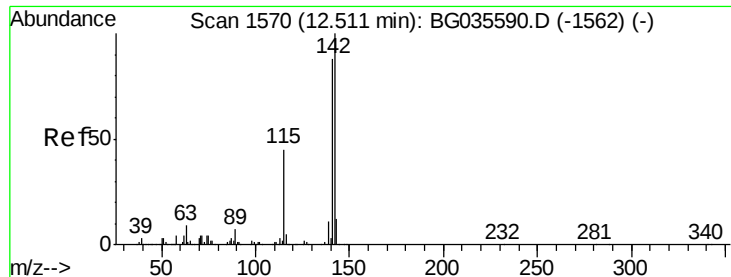


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

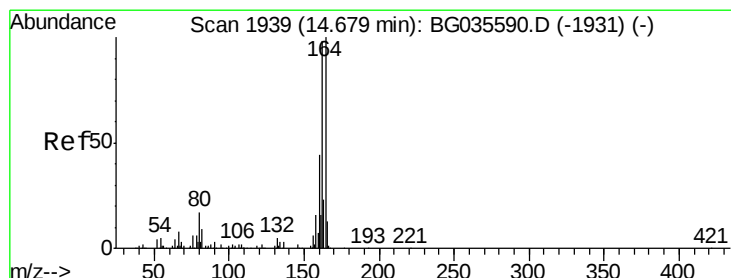
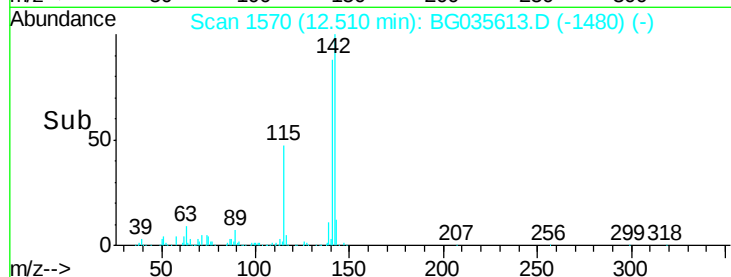
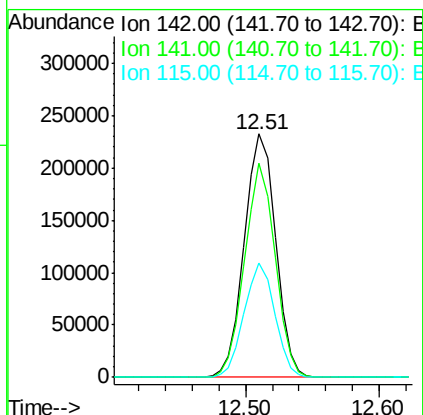
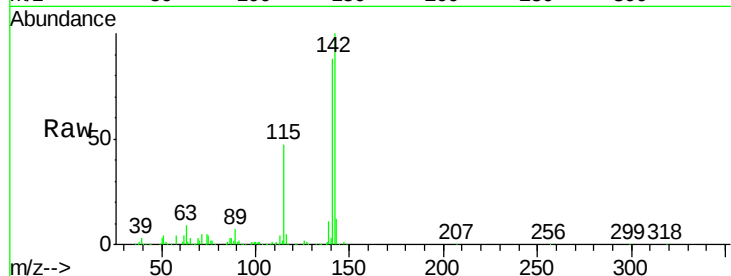




#37
2-Methylnaphthalene
Concen: 49.923 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

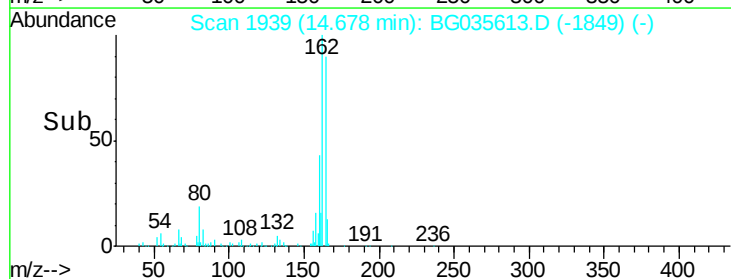
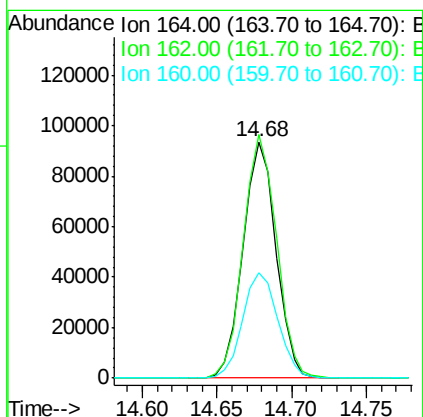
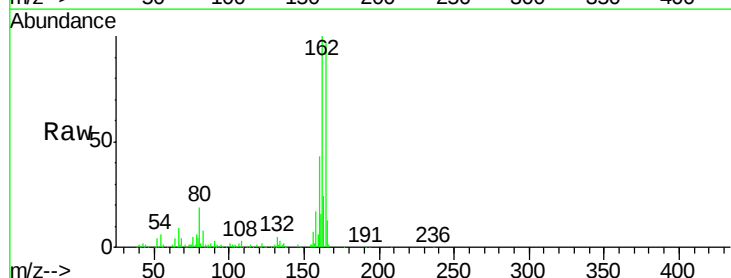
Instrument :
BNA_G
ClientSampleId :
PB111040BS

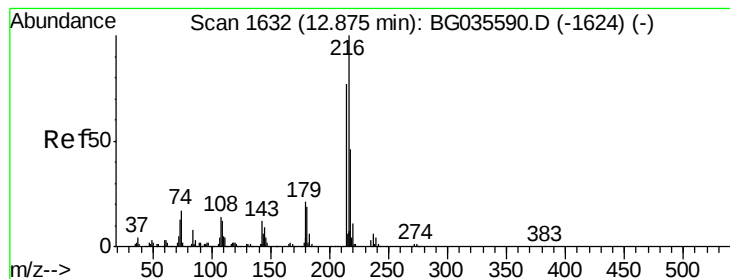
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	67.1	100.7
115	46.9	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	44.7	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.938 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

Tgt Ion:216 Resp: 252552

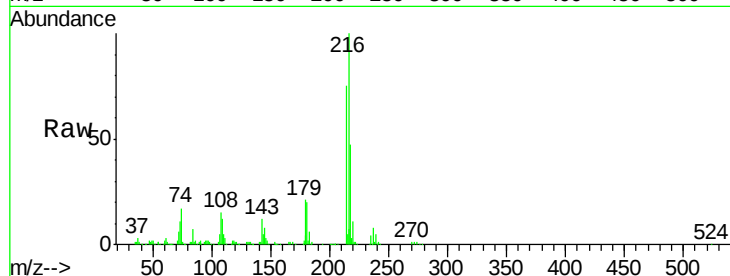
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 20.4 17.0 25.6

108 17.9 12.8 19.2

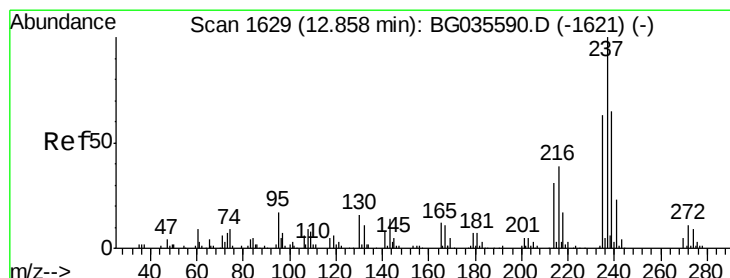
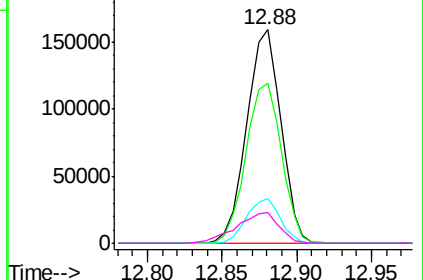
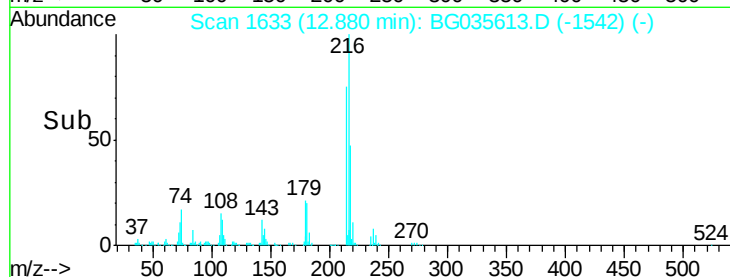


Abundance Ion 216.00 (215.70 to 216.70): E

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: 121.421 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

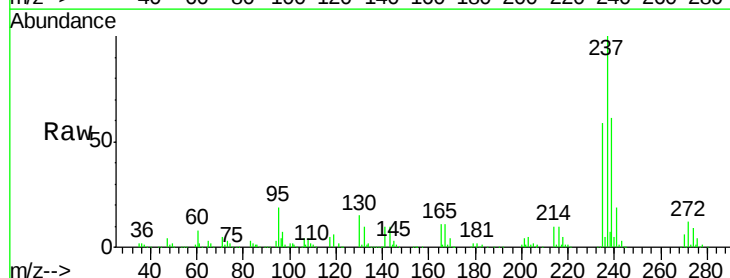
Tgt Ion:237 Resp: 342623

Ion Ratio Lower Upper

237 100

235 59.3 50.4 90.4

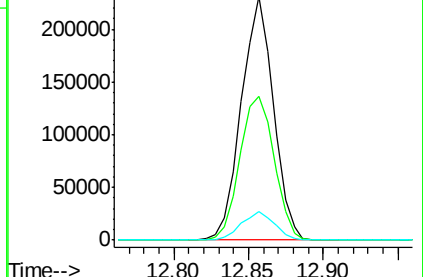
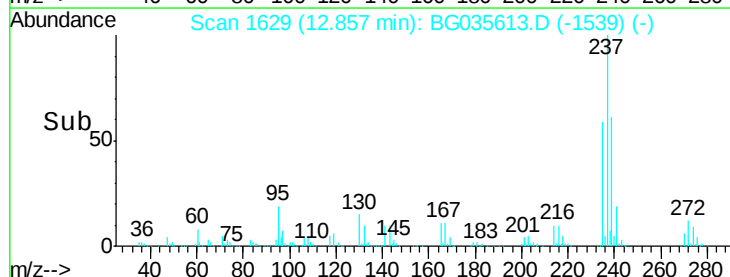
272 11.5 0.0 31.8

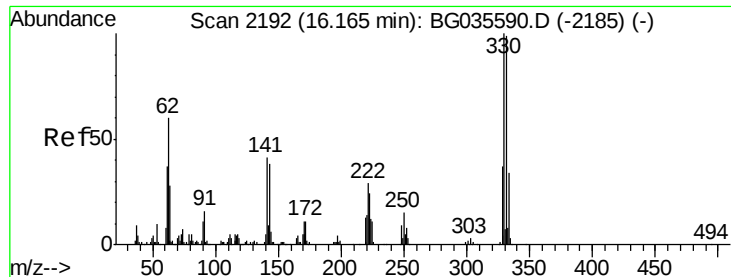


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 150.752 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

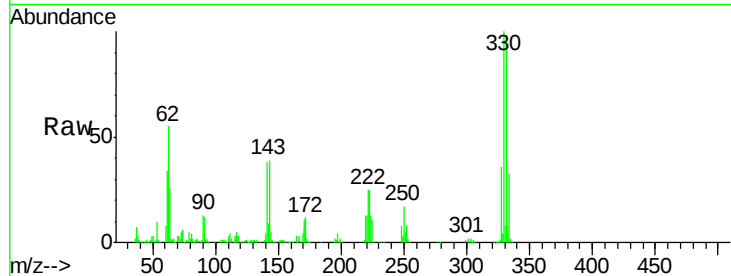
Tgt Ion:330 Resp: 283258

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

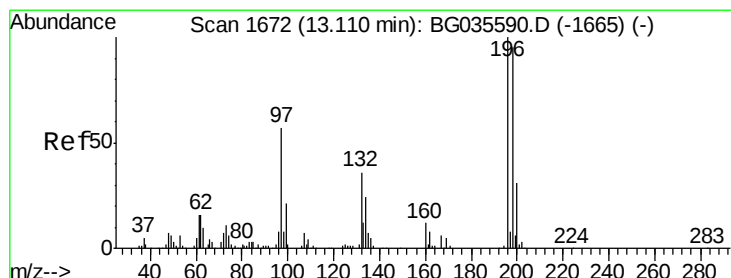
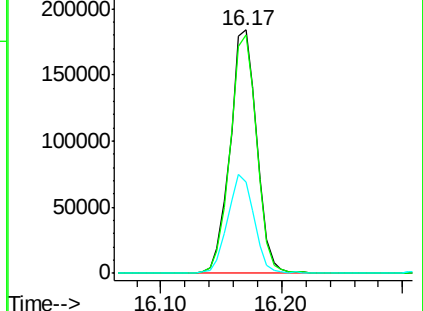
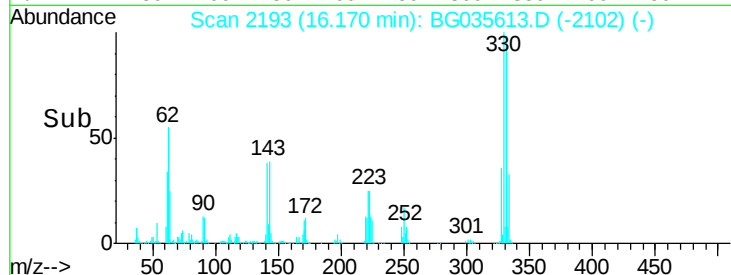
141 40.5 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 52.513 ng

RT: 13.12 min Scan# 1673

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

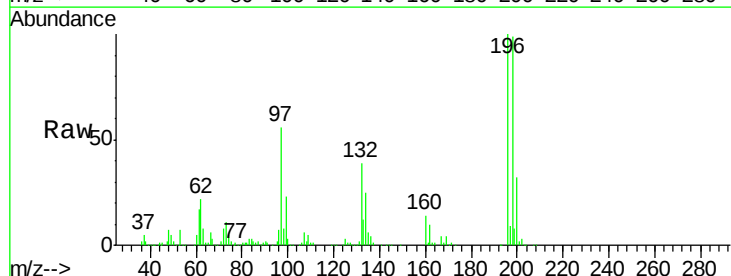
Tgt Ion:196 Resp: 165235

Ion Ratio Lower Upper

196 100

198 99.3 78.2 117.2

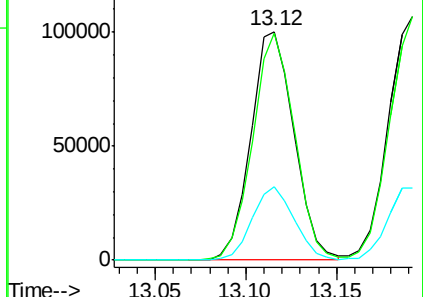
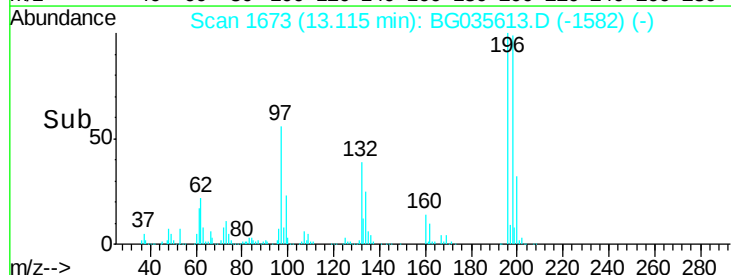
200 32.4 24.6 36.8

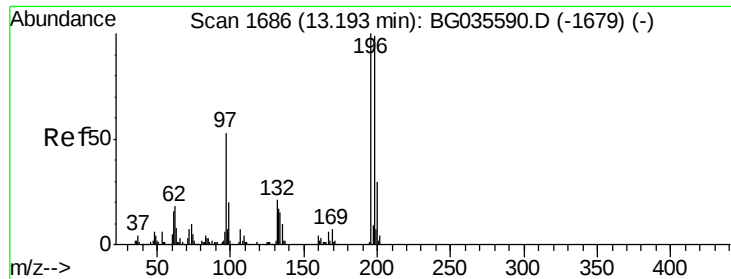


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

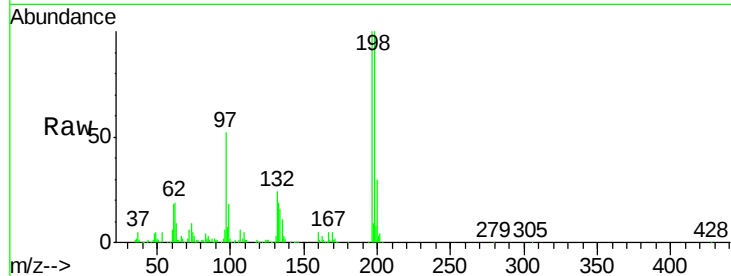




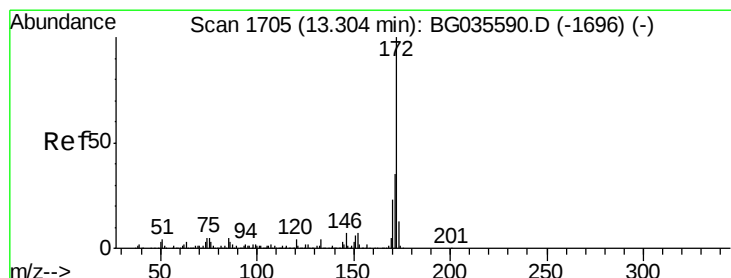
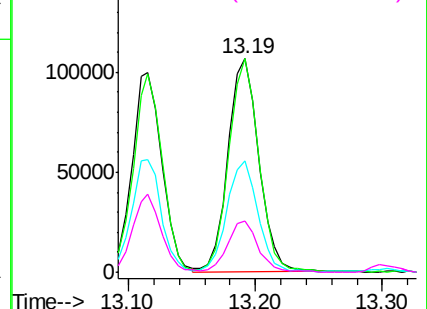
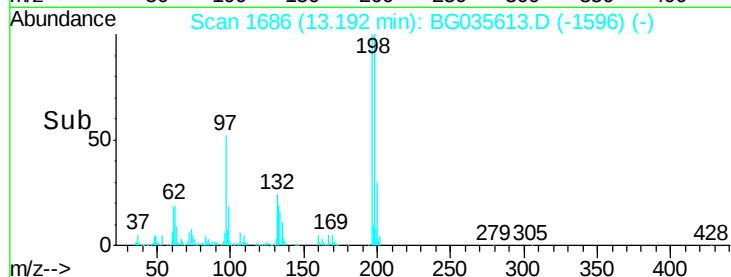
#43
2,4,5-Trichlorophenol
Concen: 50.940 ng
RT: 13.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB111040BS

Tgt Ion:196 Resp: 179312
Ion Ratio Lower Upper
196 100
198 100.0 76.2 114.4
97 51.9 38.7 58.1
132 23.7 20.2 30.2

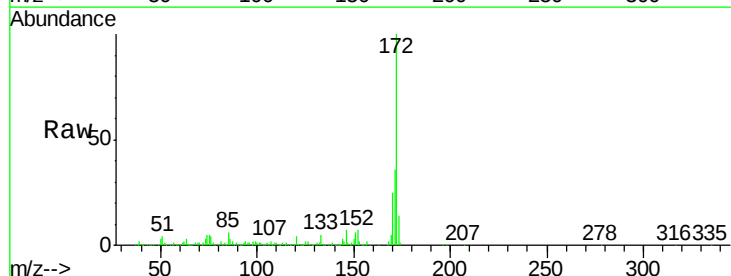


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

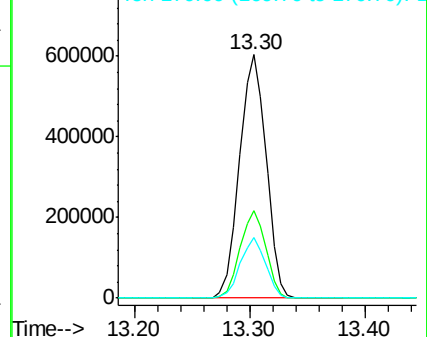
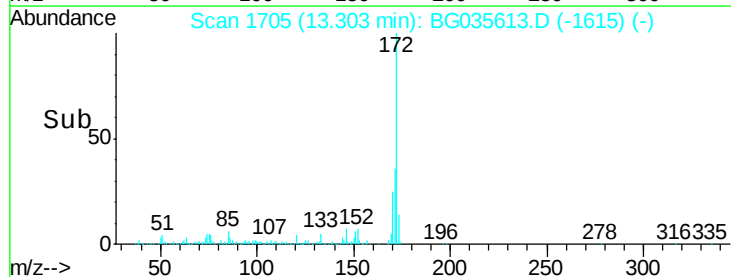


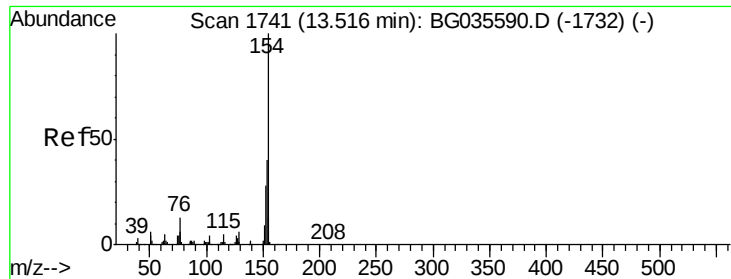
#44
2-Fluorobiphenyl
Concen: 90.497 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion:172 Resp: 962932
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 25.0 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

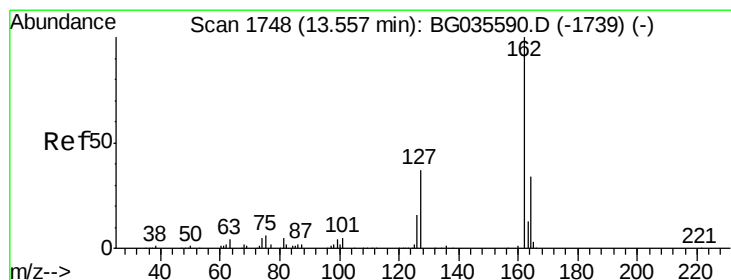
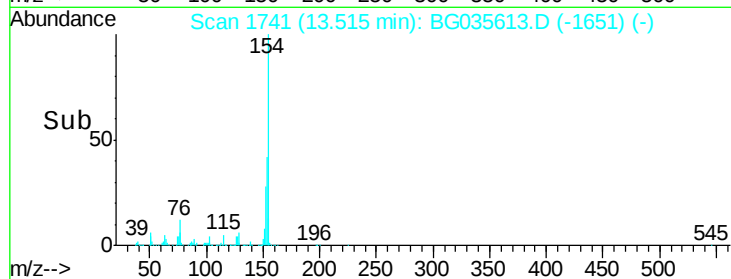
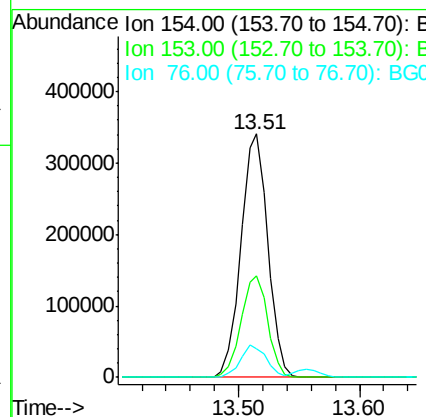
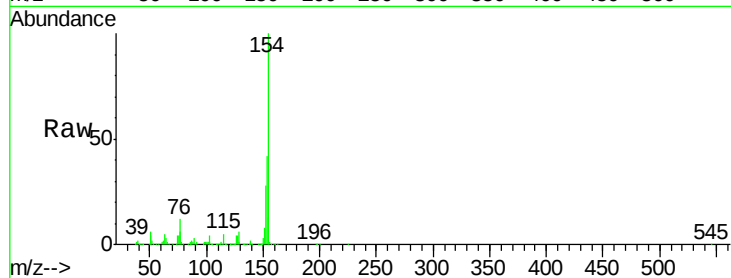




#45
1,1'-Biphenyl
Concen: 47.663 ng
RT: 13.51 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

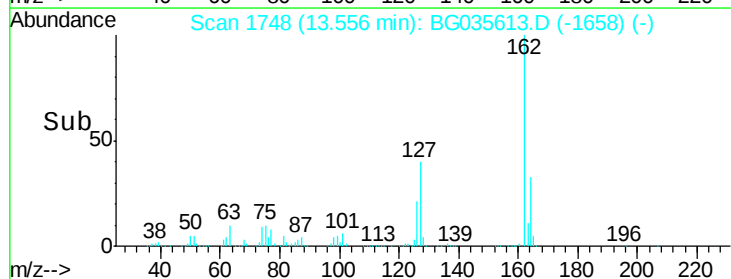
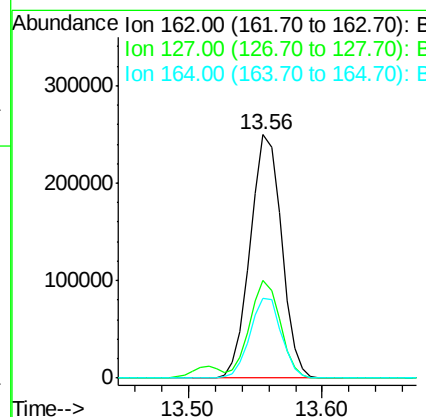
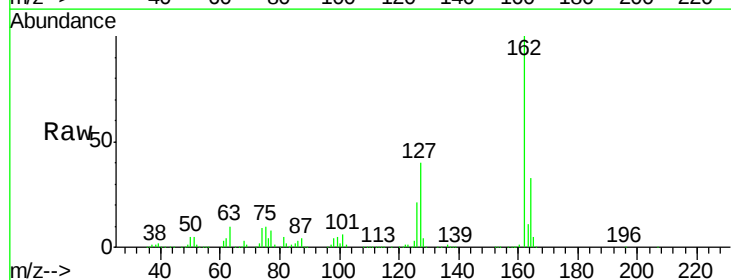
Instrument :
BNA_G
ClientSampleId :
PB111040BS

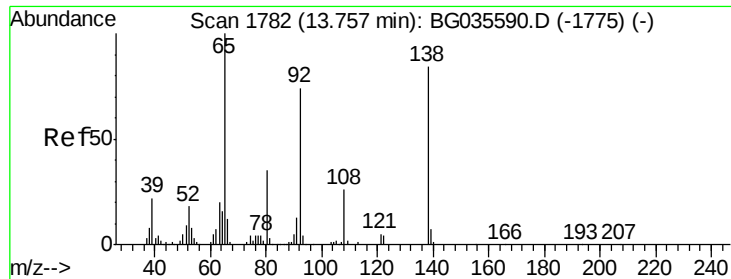
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	11.9	0.0	31.9



#46
2-Chloronaphthalene
Concen: 46.994 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	32.7	26.0	39.0





#47

2-Nitroaniline

Concen: 49.385 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

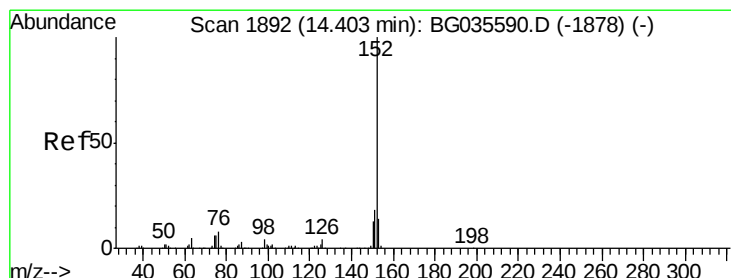
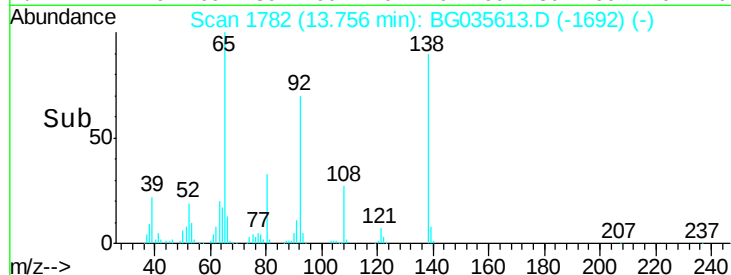
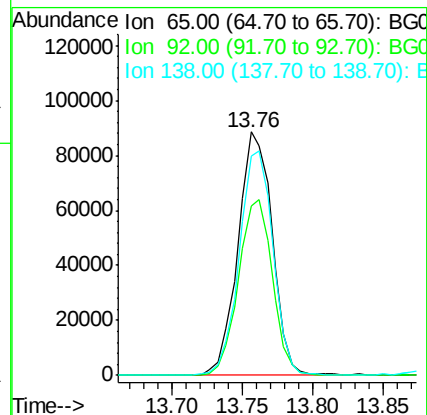
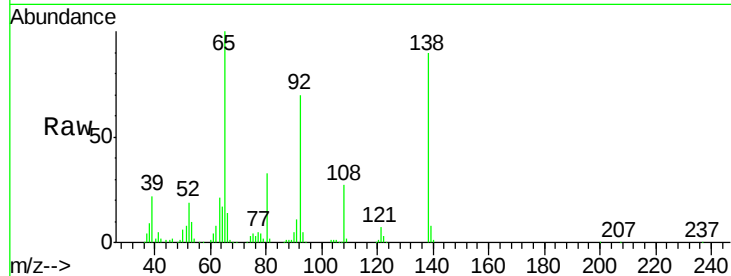
Tgt Ion: 65 Resp: 150094

Ion Ratio Lower Upper

65 100

92 69.7 54.6 82.0

138 89.9 72.9 109.3



#48

Acenaphthylene

Concen: 47.063 ng

RT: 14.40 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

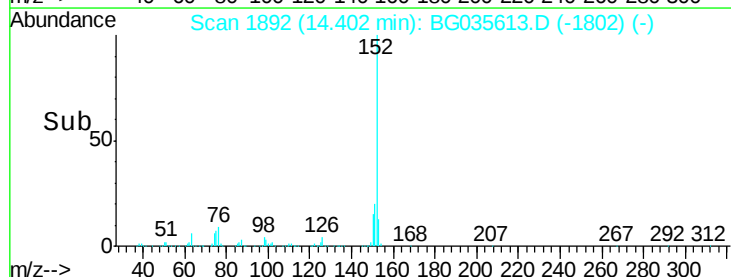
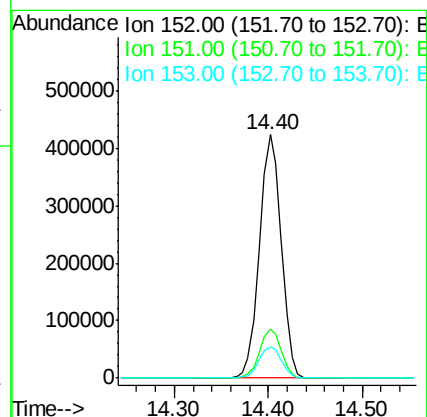
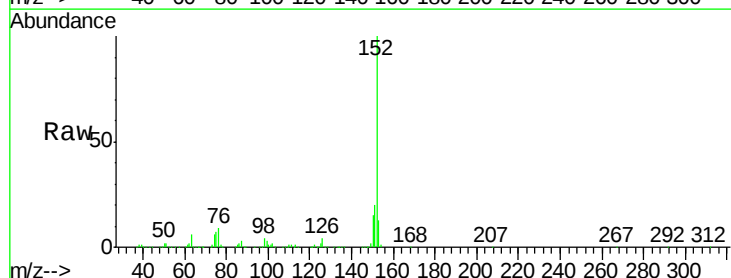
Tgt Ion: 152 Resp: 677743

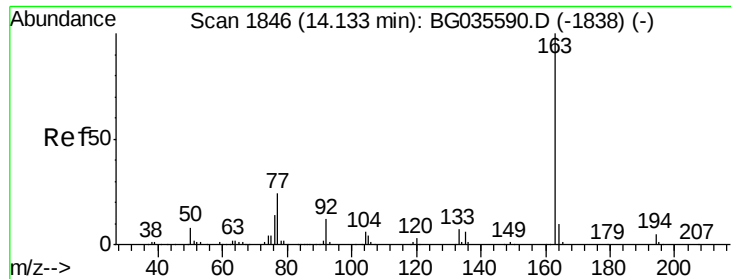
Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

153 12.9 10.2 15.4





#49

Dimethylphthalate

Concen: 45.165 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

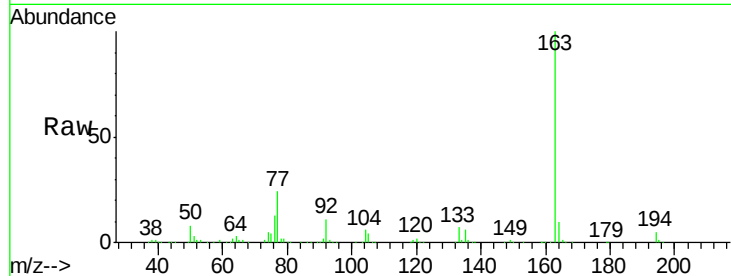
Tgt Ion:163 Resp: 564113

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

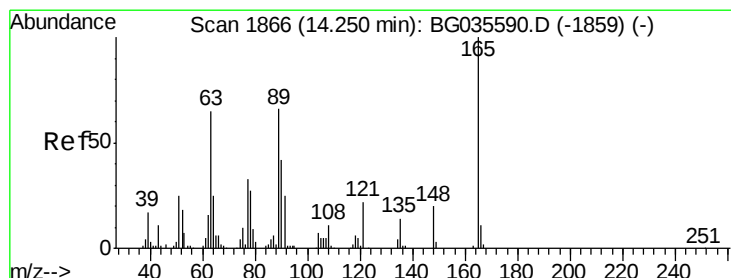
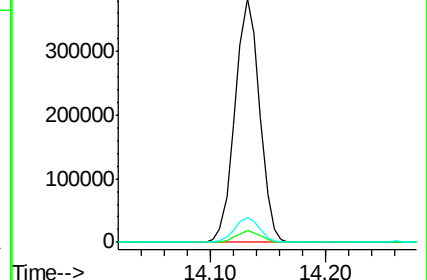
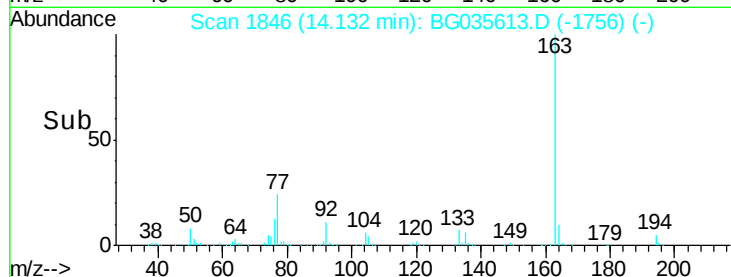
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.159 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

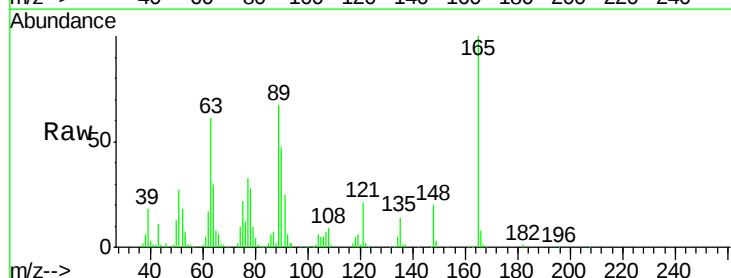
Tgt Ion:165 Resp: 127574

Ion Ratio Lower Upper

165 100

63 60.7 52.7 79.1

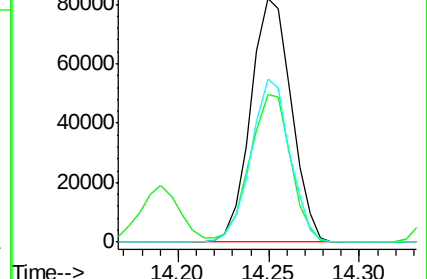
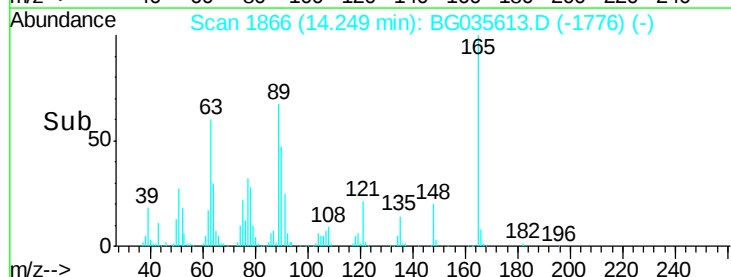
89 66.7 49.2 73.8

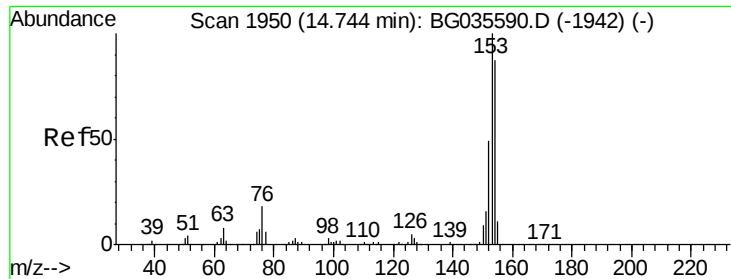


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.396 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

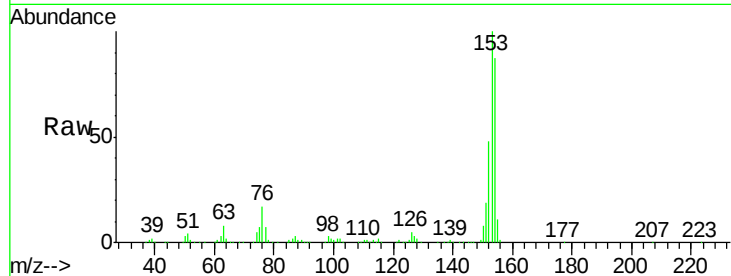
Tgt Ion:154 Resp: 398265

Ion Ratio Lower Upper

154 100

153 114.8 90.4 135.6

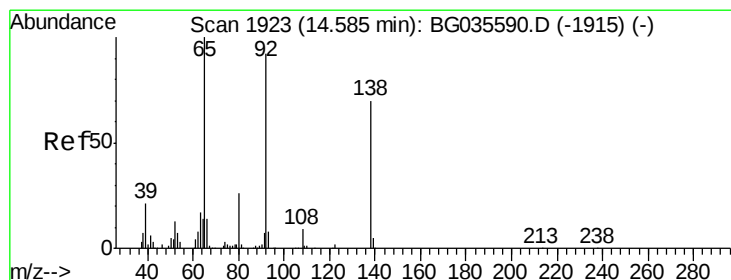
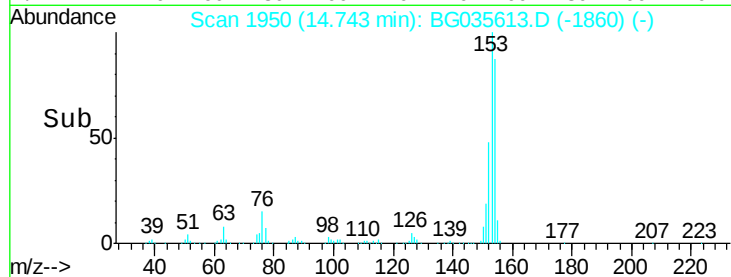
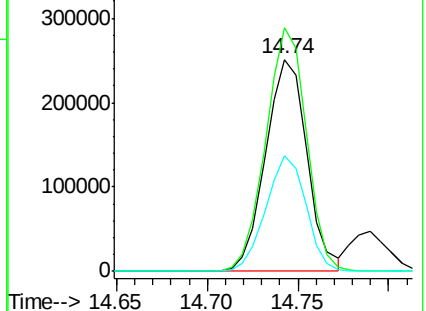
152 54.7 41.6 62.4



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: 30.362 ng

RT: 14.58 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

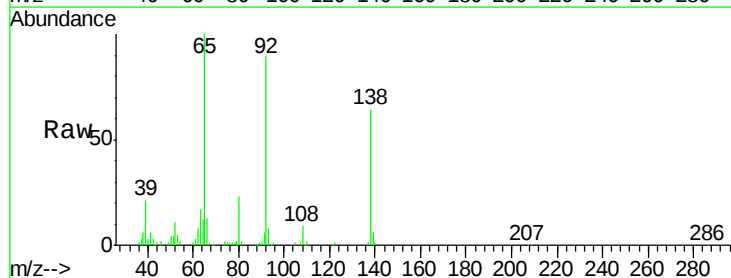
Tgt Ion:138 Resp: 78927

Ion Ratio Lower Upper

138 100

108 13.6 17.5 26.3#

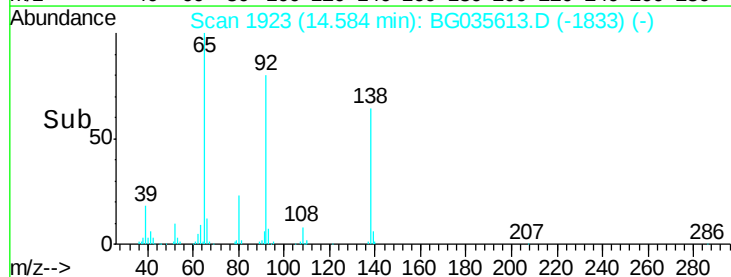
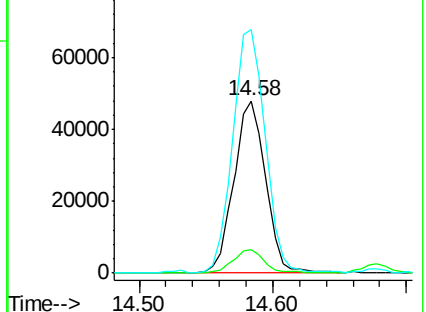
92 141.5 105.8 158.8

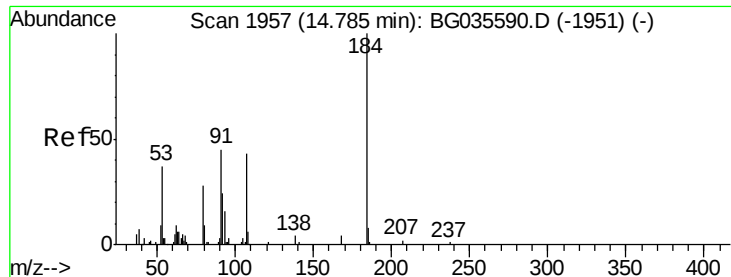


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 77.954 ng

RT: 14.79 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

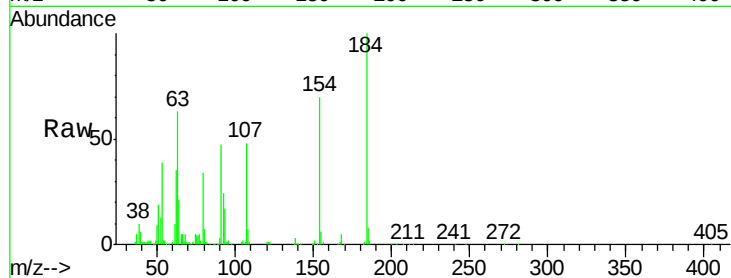
Tgt Ion:184 Resp: 101718

Ion Ratio Lower Upper

184 100

63 63.2 59.8 89.8

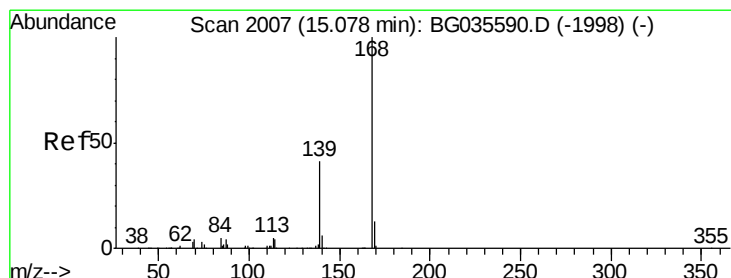
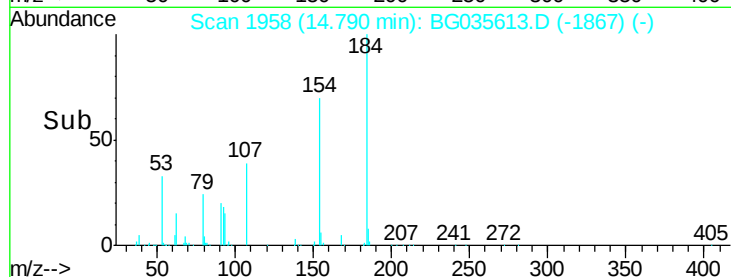
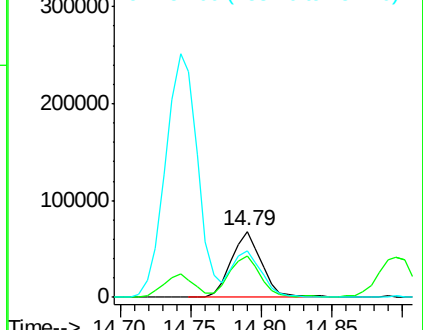
154 69.8 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG035590.D (-1951) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.366 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

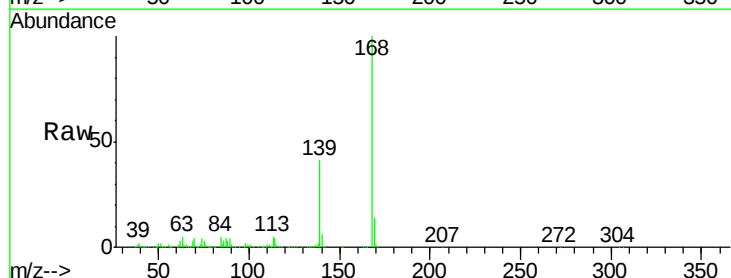
Tgt Ion:168 Resp: 661505

Ion Ratio Lower Upper

168 100

139 41.2 28.6 43.0

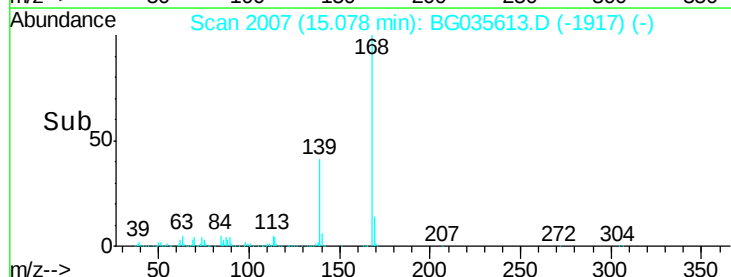
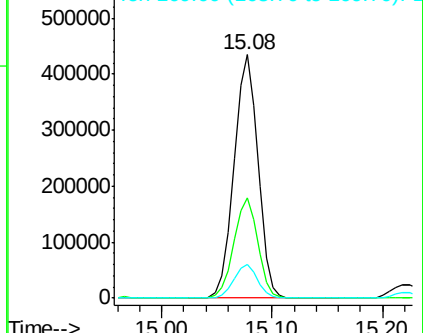
169 13.9 11.2 16.8

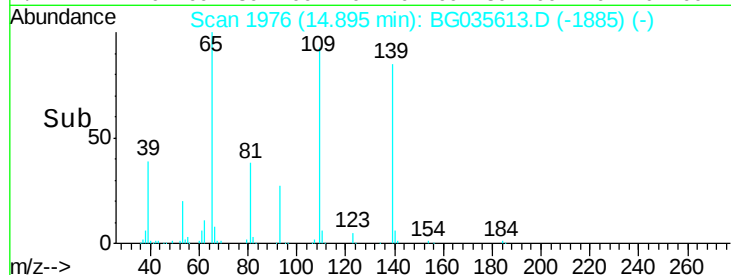
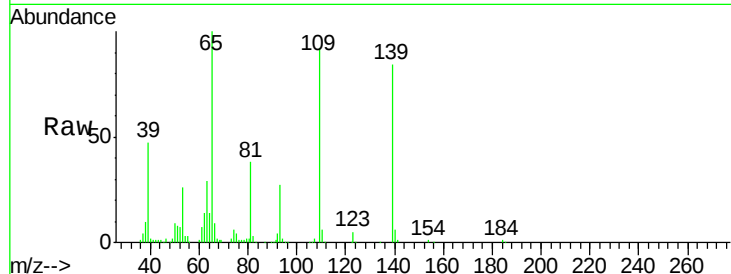
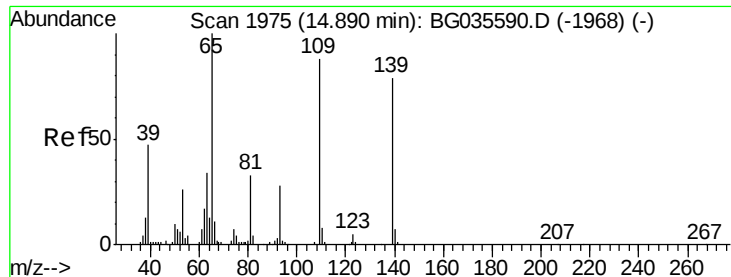


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

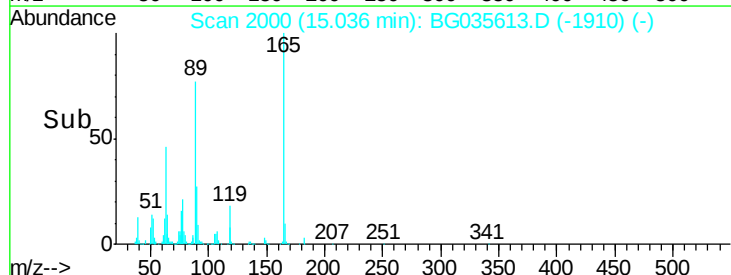
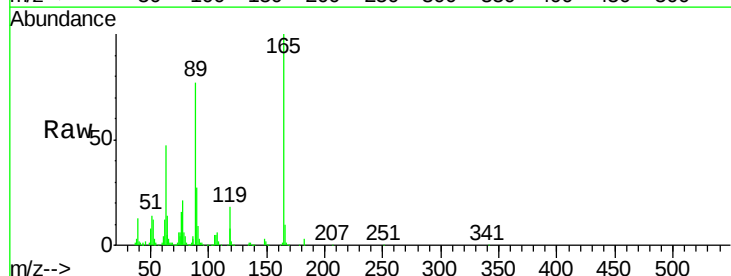
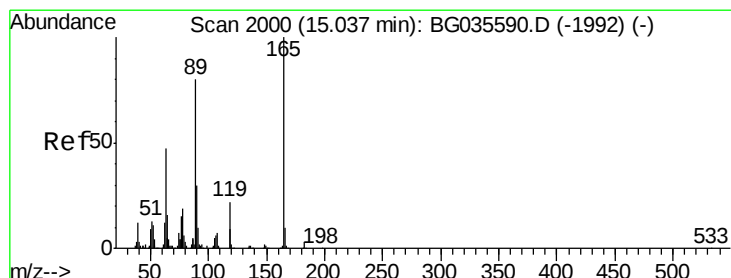
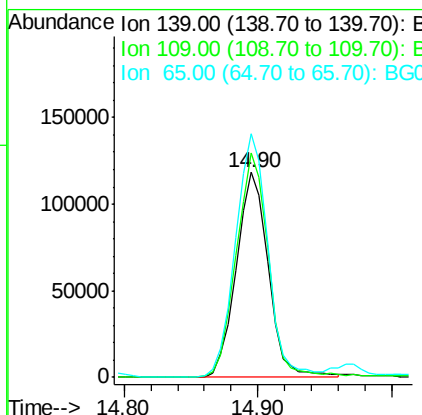




#55
4-Nitrophenol
Concen: 106.022 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

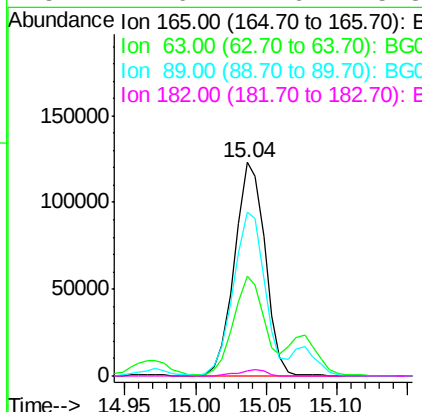
Instrument :
BNA_G
ClientSampleId :
PB111040BS

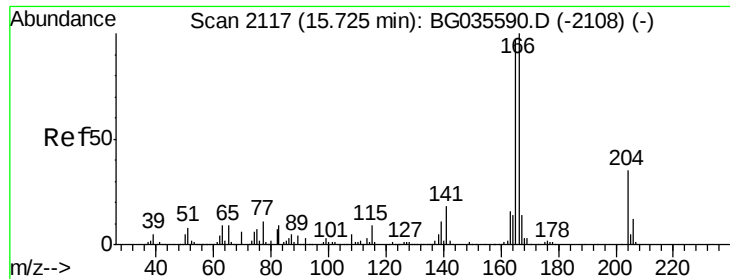
Tgt Ion:139 Resp: 196278
Ion Ratio Lower Upper
139 100
109 109.6 62.2 102.2#
65 118.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 51.136 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion:165 Resp: 186590
Ion Ratio Lower Upper
165 100
63 46.7 42.0 63.0
89 76.7 66.9 100.3
182 2.6 2.6 3.8





#57

Fluorene

Concen: 45.726 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

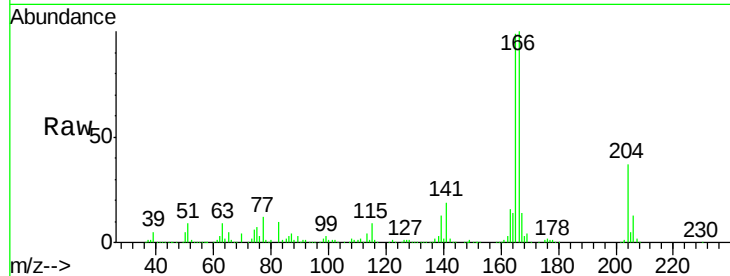
Tgt Ion:166 Resp: 546777

Ion Ratio Lower Upper

166 100

165 98.8 80.6 121.0

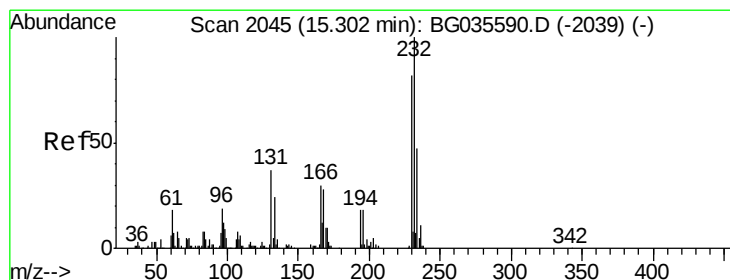
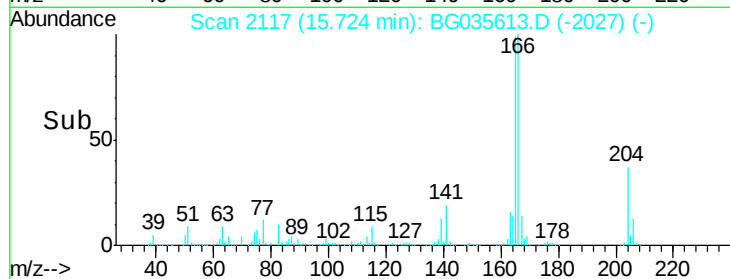
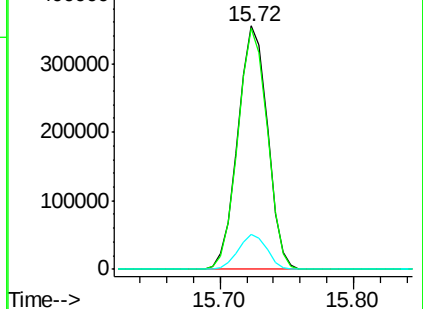
167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.415 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Tgt Ion:232 Resp: 187026

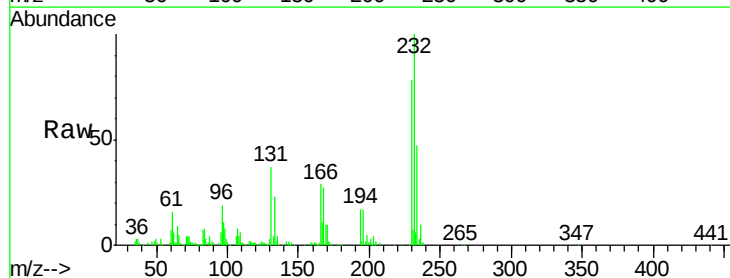
Ion Ratio Lower Upper

232 100

131 37.8 33.5 50.3

130 2.4 2.2 3.2

166 27.7 24.8 37.2

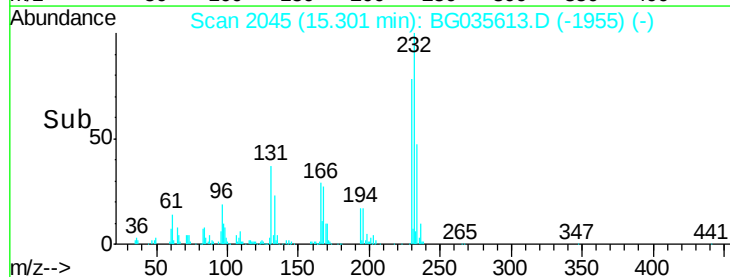
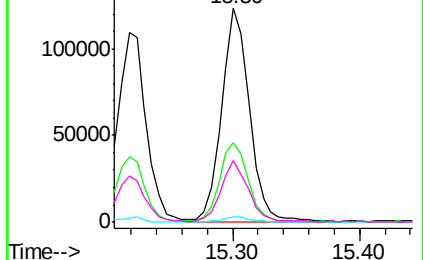


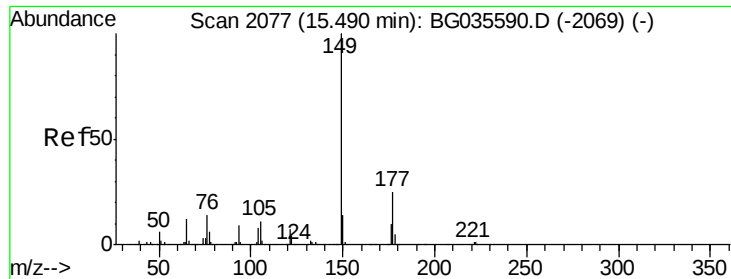
Abundance Ion 232.00 (231.70 to 232.70): E

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

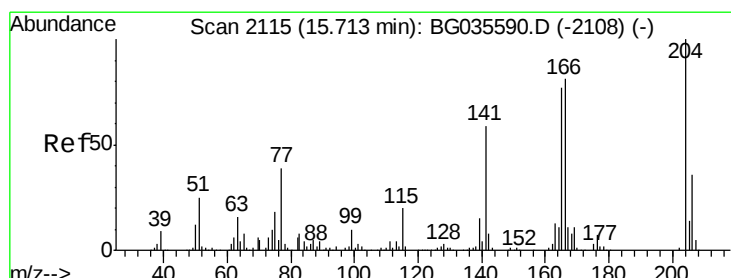
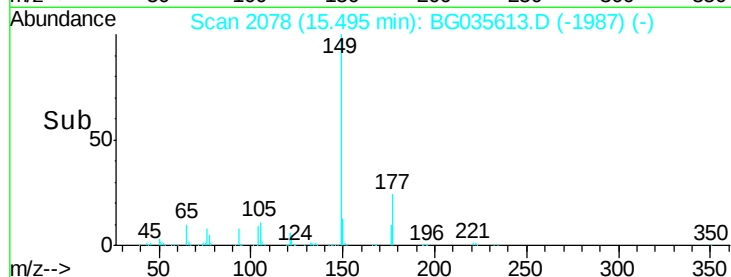
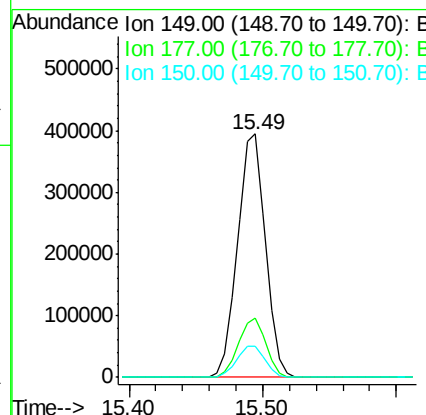
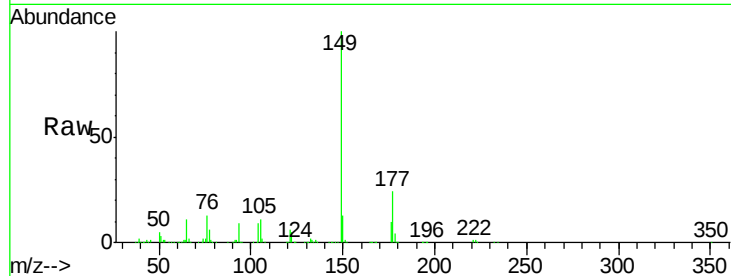




#59
Diethylphthalate
Concen: 44.585 ng
RT: 15.49 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

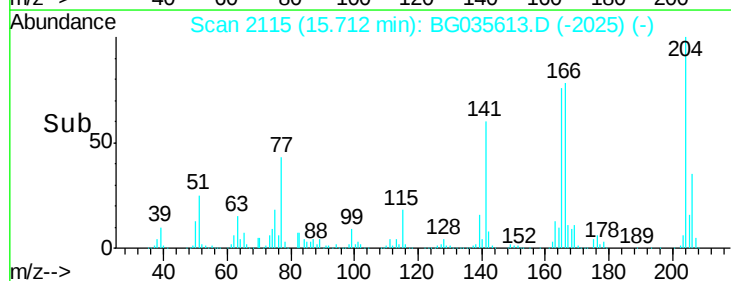
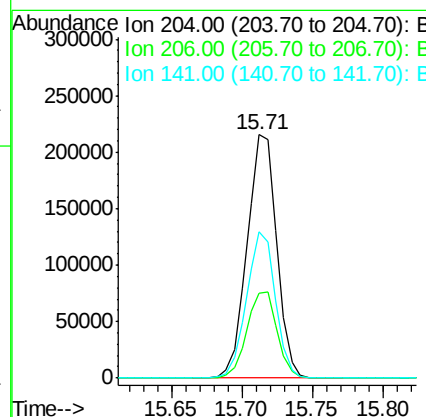
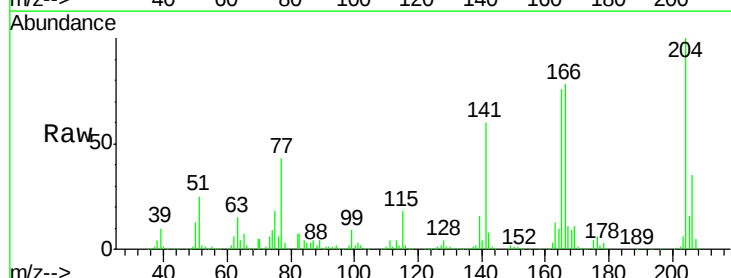
Instrument :
BNA_G
ClientSampleId :
PB111040BS

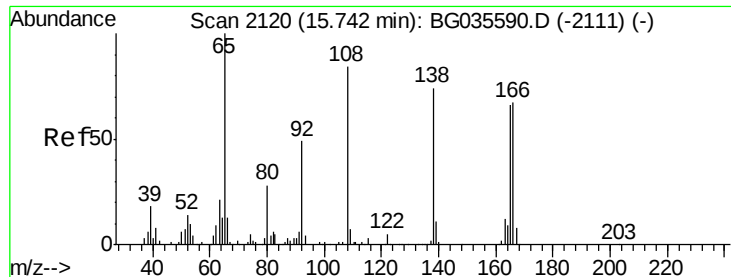
Tgt Ion:149 Resp: 572602
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.848 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion:204 Resp: 315195
Ion Ratio Lower Upper
204 100
206 34.8 26.2 39.2
141 60.1 45.8 68.6

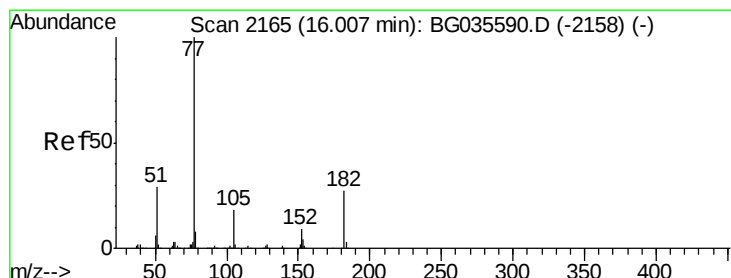
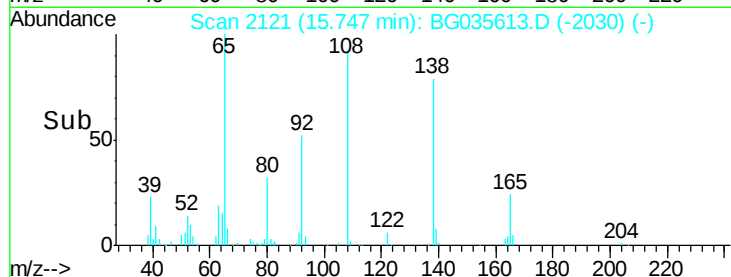
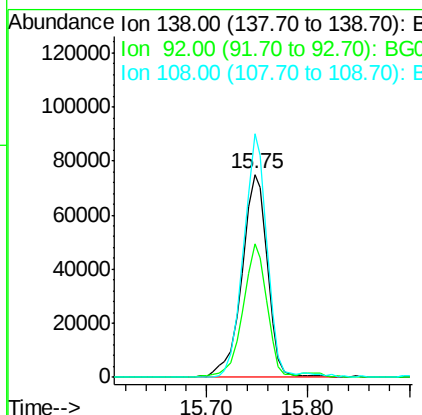
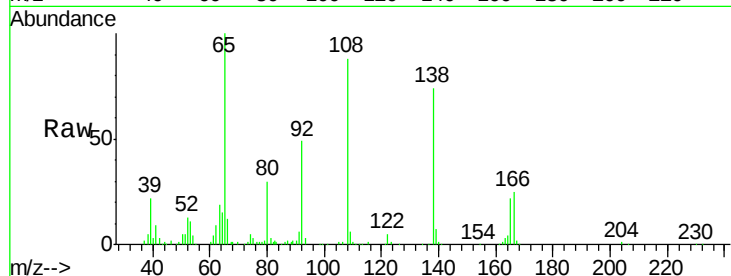




#61
4-Nitroaniline
Concen: 48.253 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

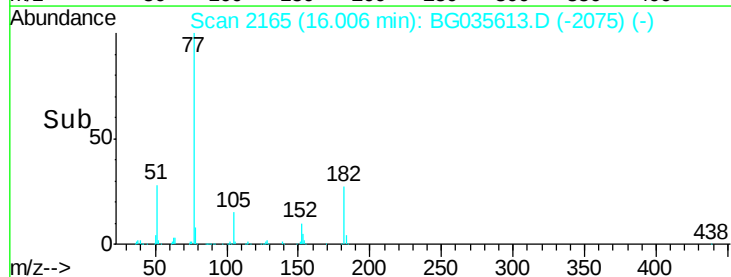
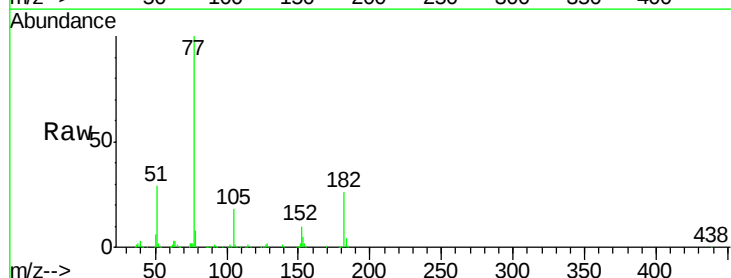
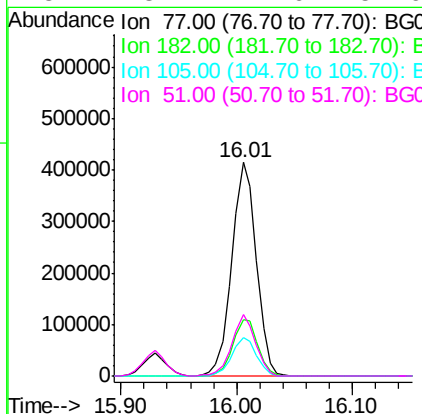
Instrument :
BNA_G
ClientSampleId :
PB111040BS

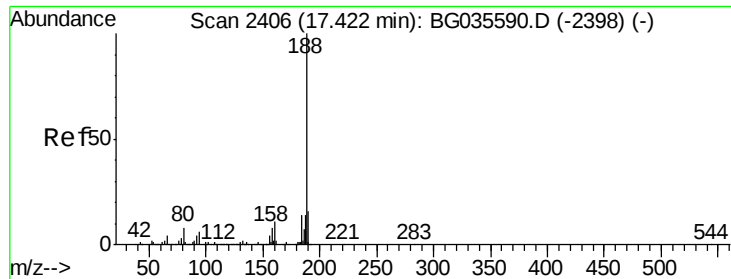
Tgt Ion: 138 Resp: 131212
Ion Ratio Lower Upper
138 100
92 65.9 40.1 80.1
108 119.8 65.4 105.4#



#62
Azobenzene
Concen: 47.852 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion: 77 Resp: 606187
Ion Ratio Lower Upper
77 100
182 26.1 7.4 47.4
105 18.2 0.3 40.3
51 28.7 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

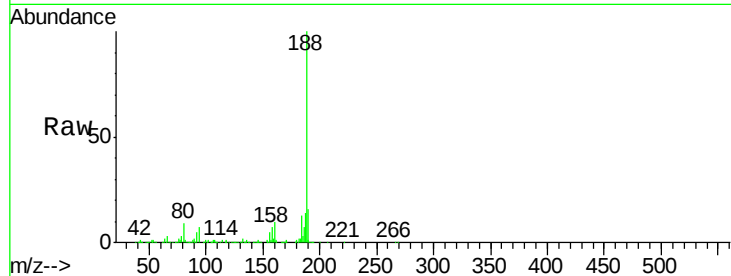
Tgt Ion:188 Resp: 379603

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

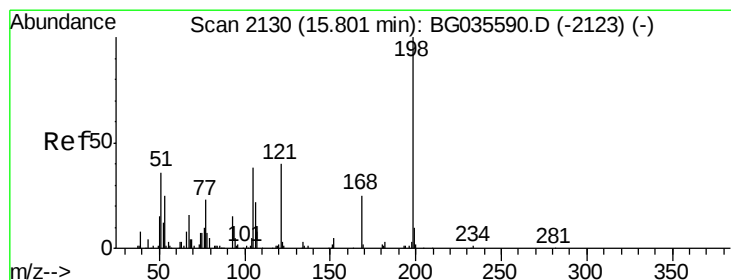
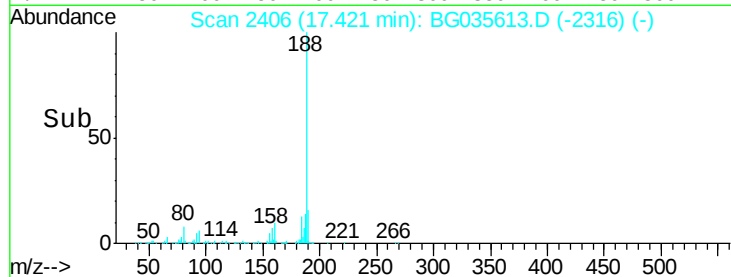
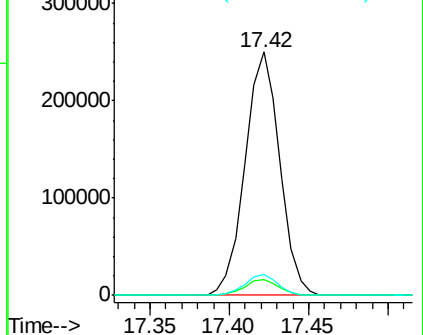
80 8.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.159 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

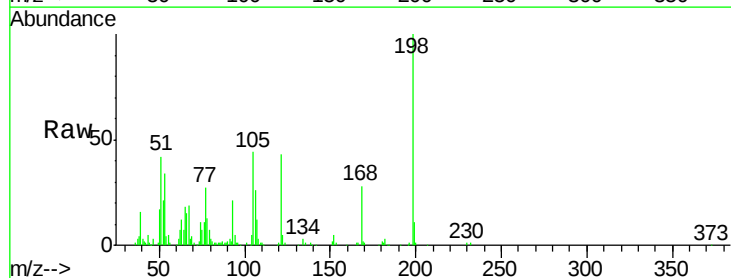
Tgt Ion:198 Resp: 89086

Ion Ratio Lower Upper

198 100

51 42.2 30.6 70.6

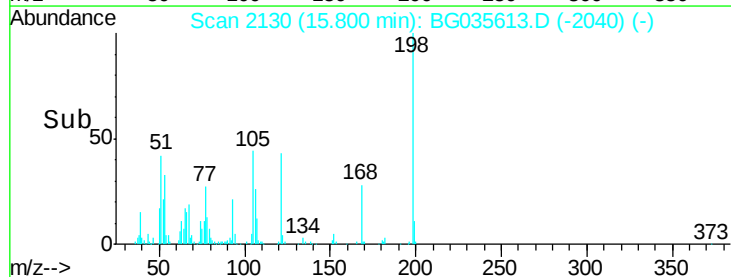
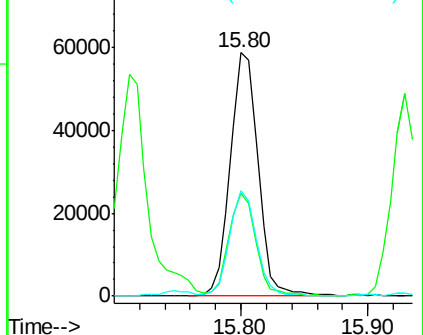
105 43.5 23.8 63.8

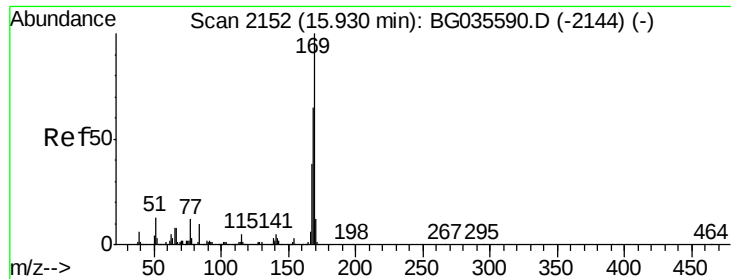


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

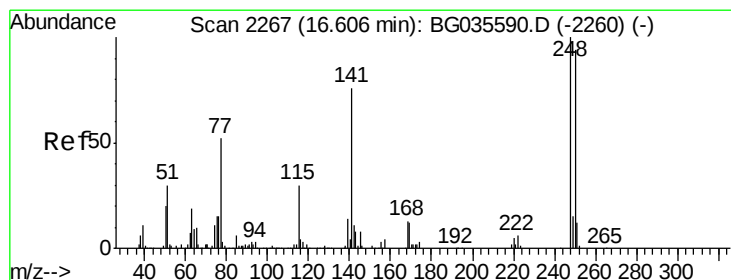
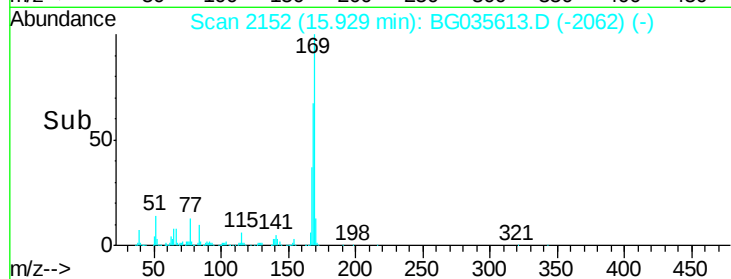
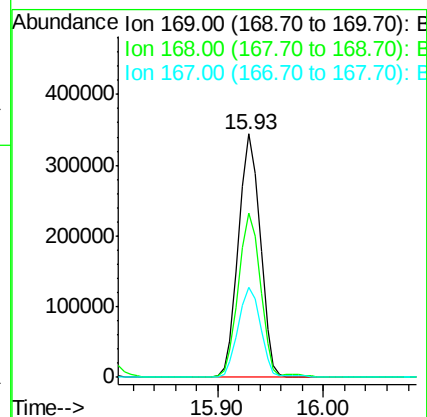
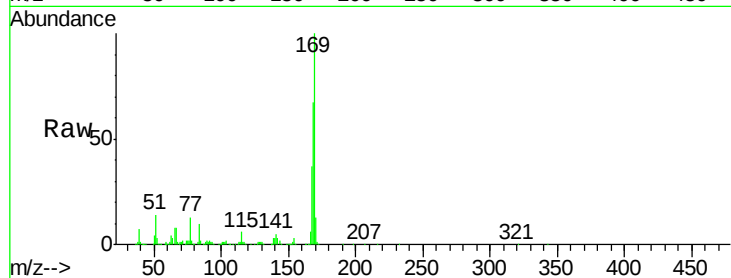




#65
 n-Nitrosodiphenylamine
 Concen: 45.544 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

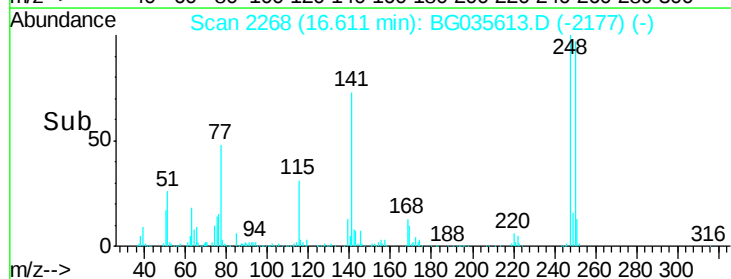
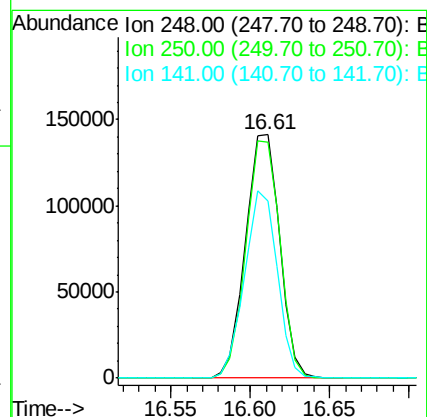
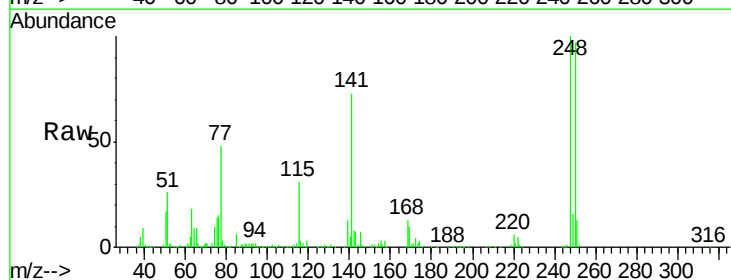
Instrument :
 BNA_G
 ClientSampleId :
 PB111040BS

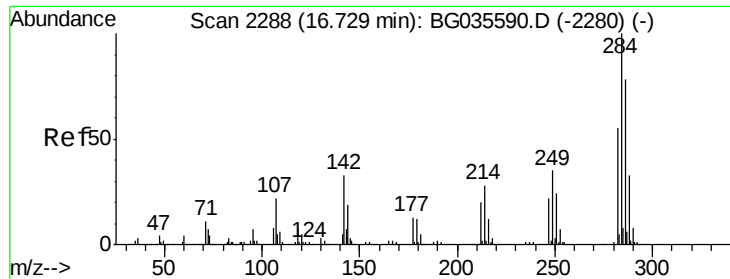
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	55.7	83.5
167	37.0	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 48.105 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.1	115.7
141	72.8	50.8	76.2

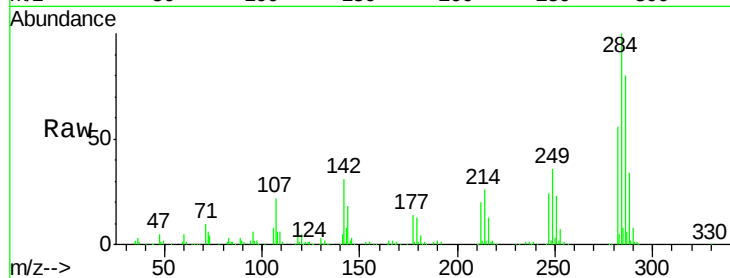




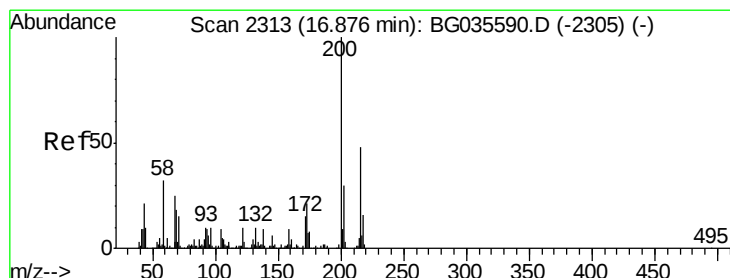
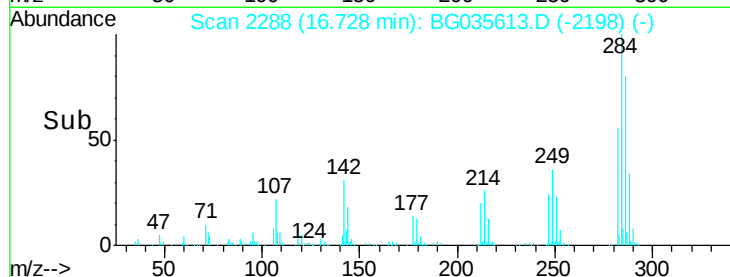
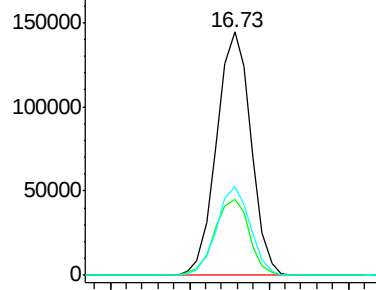
#67
Hexachlorobenzene
Concen: 47.956 ng
RT: 16.73 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB111040BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	26.8	40.2
249	36.5	26.3	39.5

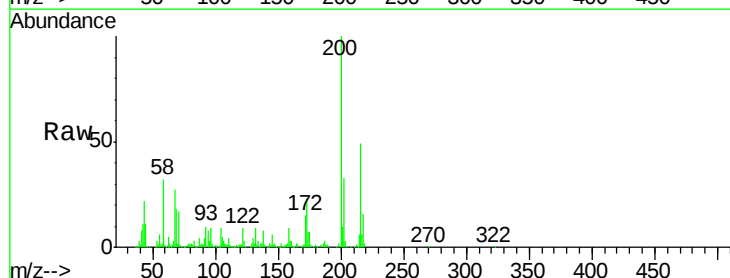


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

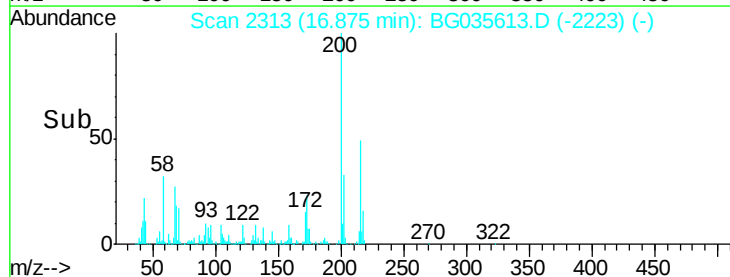
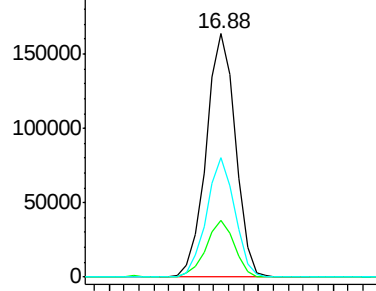


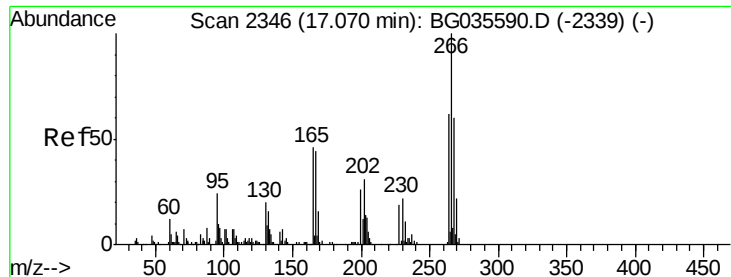
#68
Atrazine
Concen: 50.294 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	48.8	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

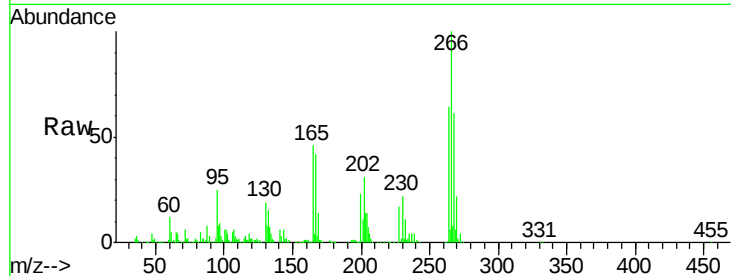




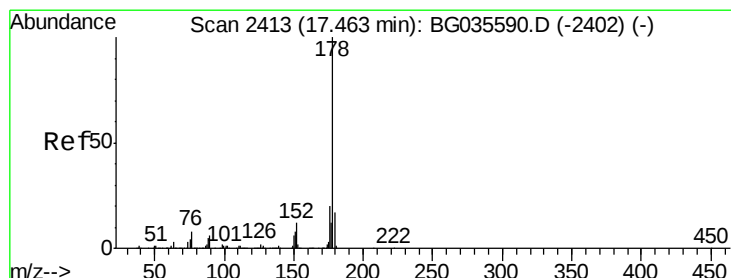
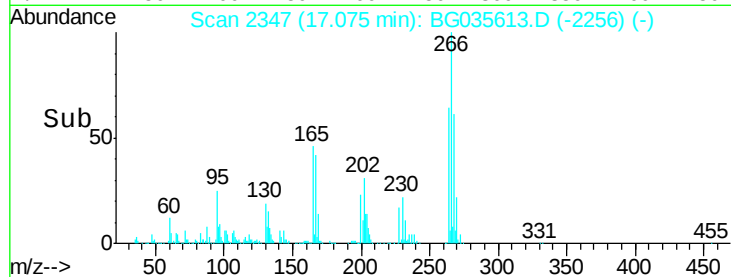
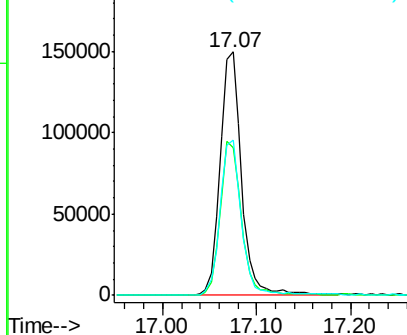
#69
 Pentachlorophenol
 Concen: 86.602 ng
 RT: 17.07 min Scan# 2347
 Delta R.T. 0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111040BS

Tgt Ion:266 Resp: 239233
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.1 76.7
 264 64.0 49.6 74.4

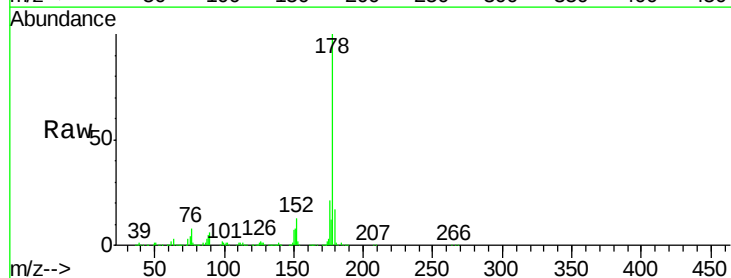


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

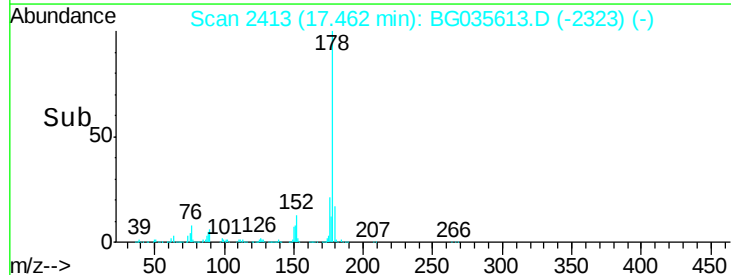
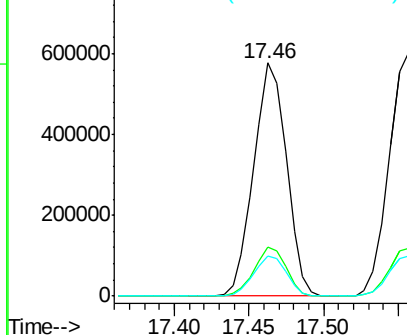


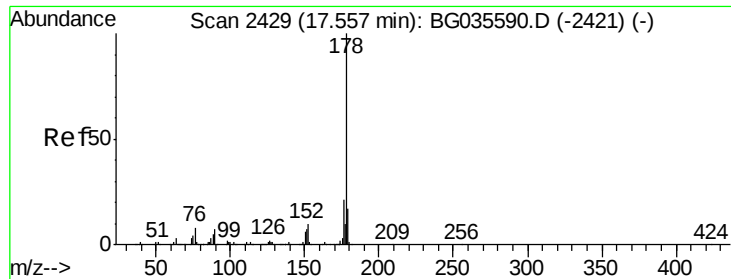
#70
 Phenanthrene
 Concen: 46.403 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Tgt Ion:178 Resp: 878934
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.7 23.5
 179 17.0 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

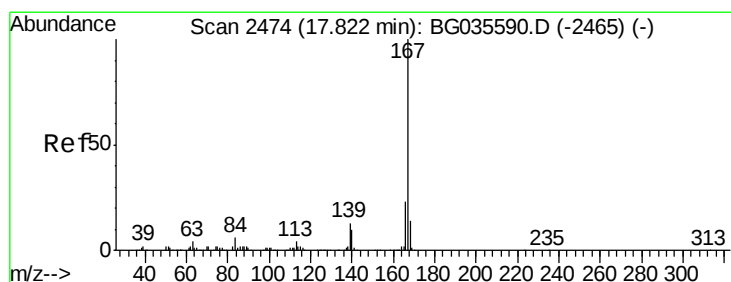
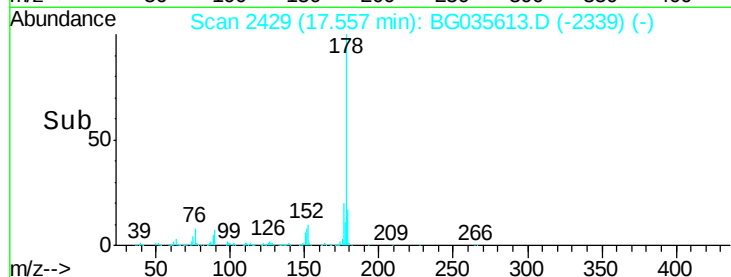
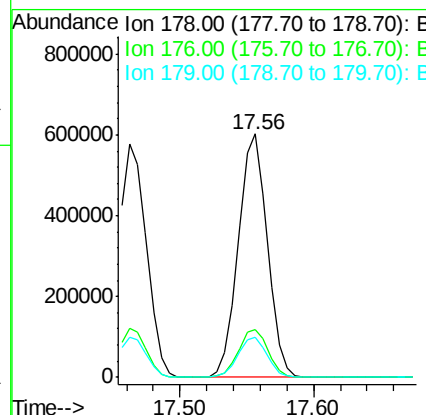
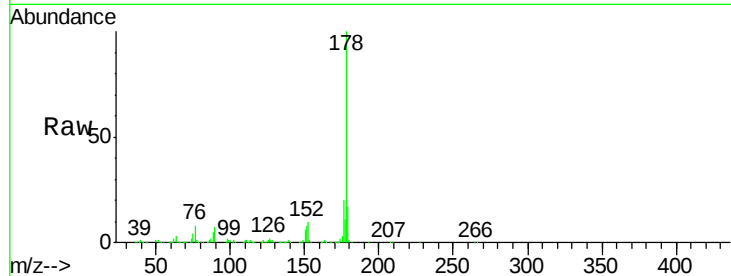




#71
 Anthracene
 Concen: 48.124 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

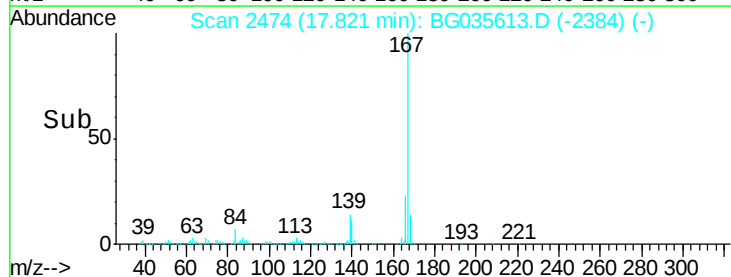
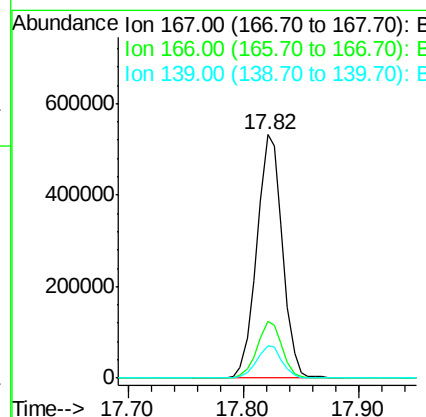
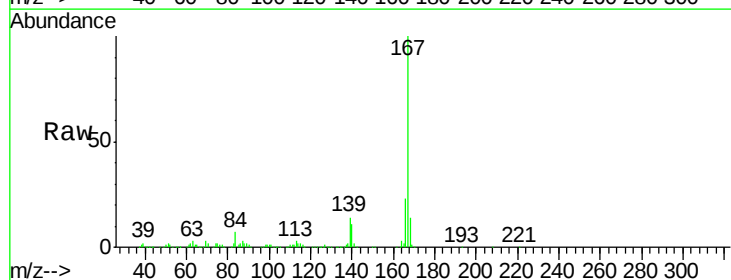
Instrument :
 BNA_G
 ClientSampleId :
 PB111040BS

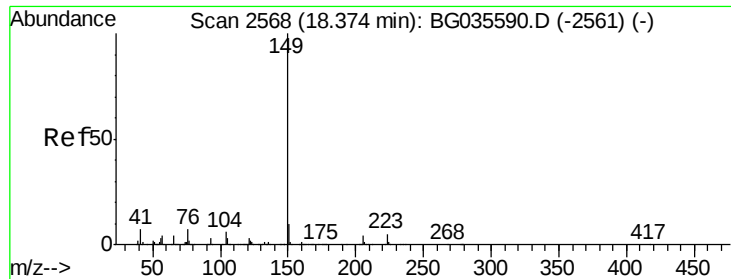
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.7	12.5	18.7



#72
 Carbazole
 Concen: 45.793 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	13.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 44.115 ng

RT: 18.37 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

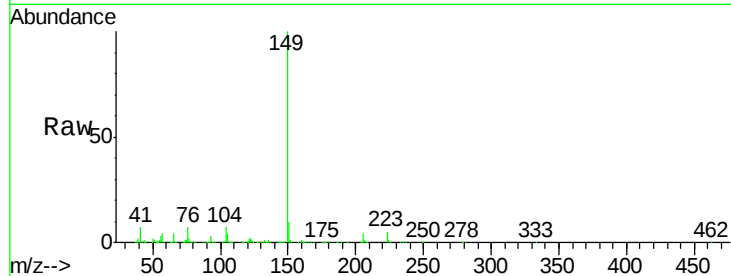
Tgt Ion:149 Resp: 933764

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

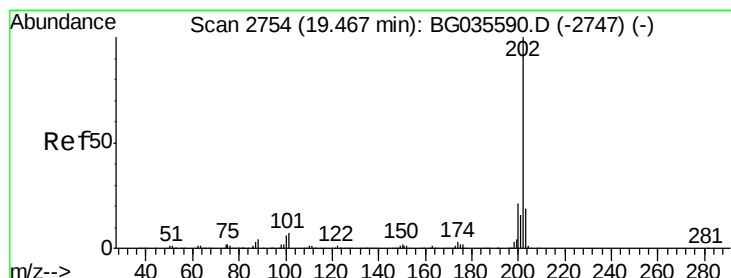
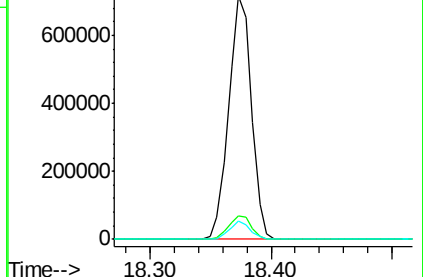
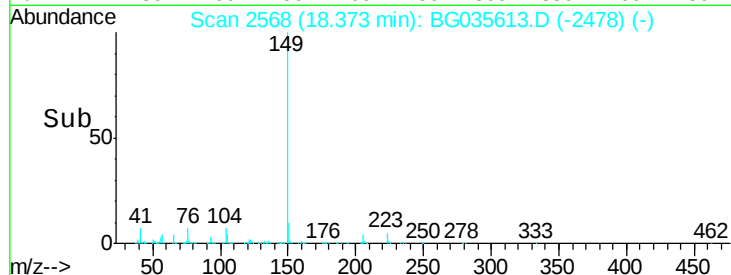
104 7.3 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.856 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

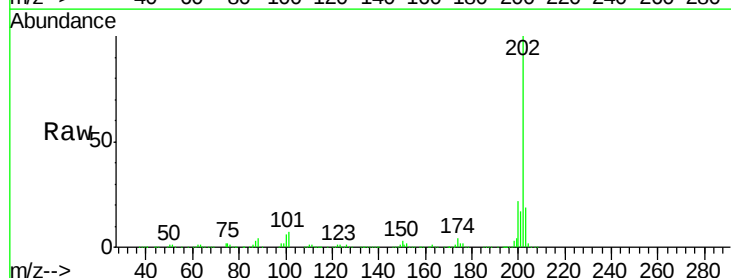
Tgt Ion:202 Resp: 1144451

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.9

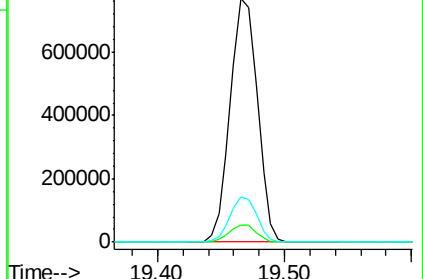
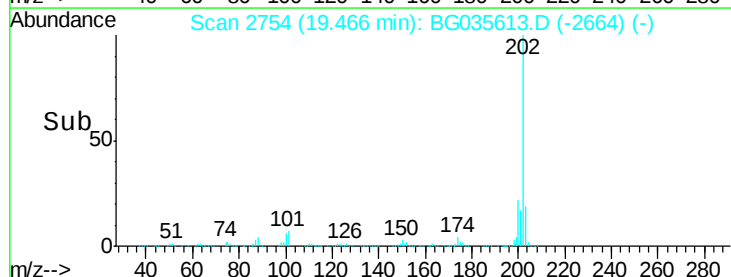
203 18.7 0.0 37.5

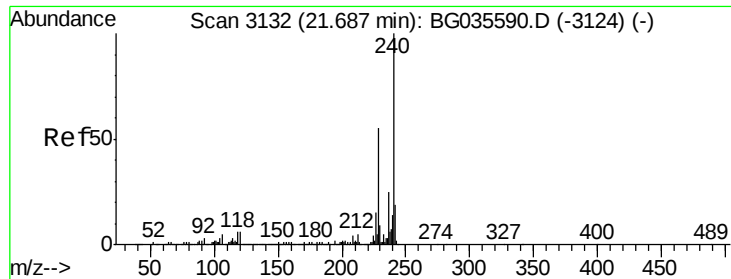


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

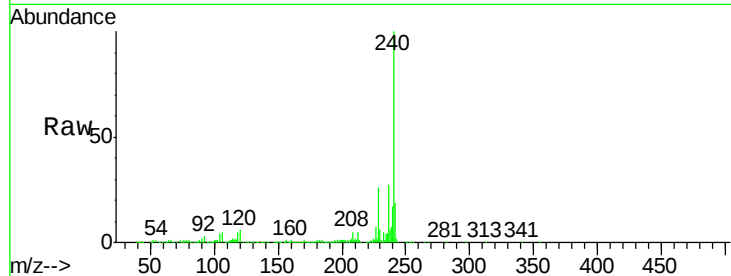
Tgt Ion:240 Resp: 392892

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

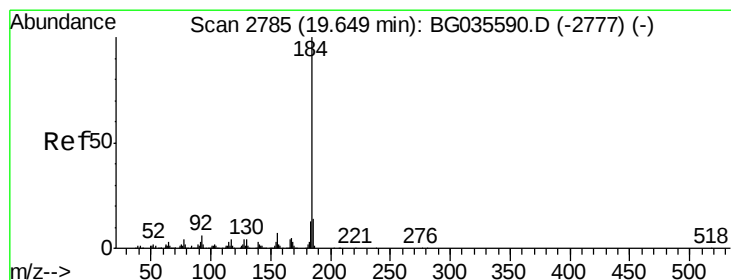
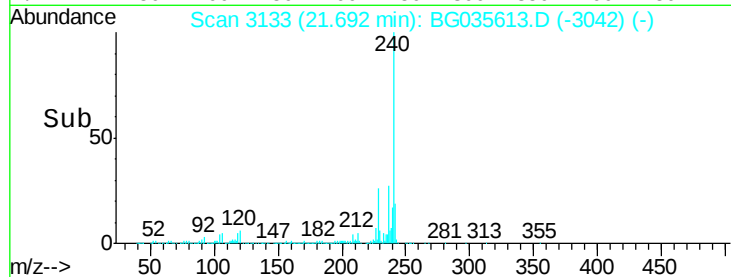
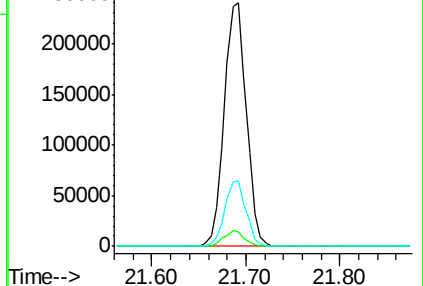
236 26.9 20.9 31.3



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: 48.586 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

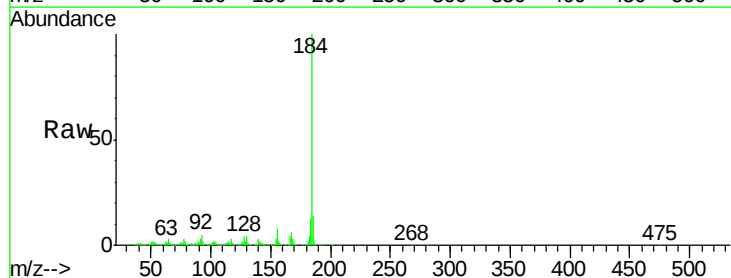
Tgt Ion:184 Resp: 501855

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

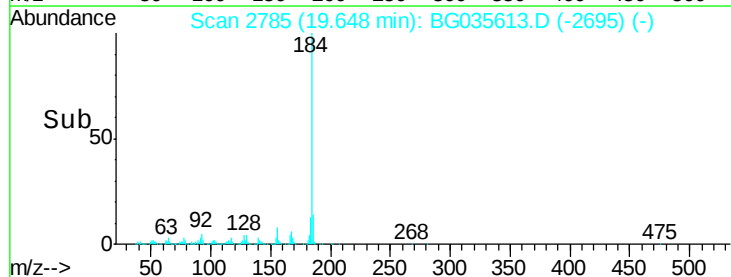
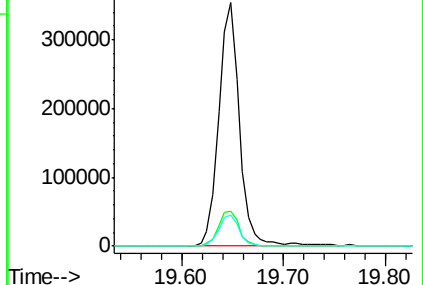
183 12.9 10.6 16.0

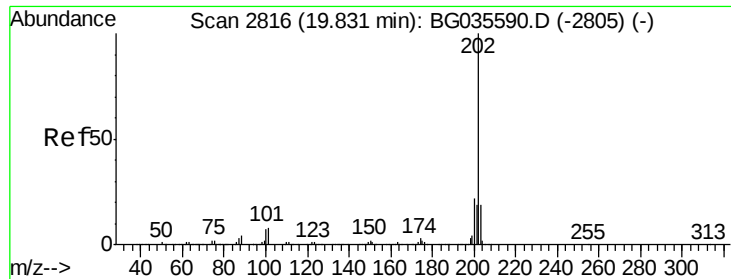


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.086 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

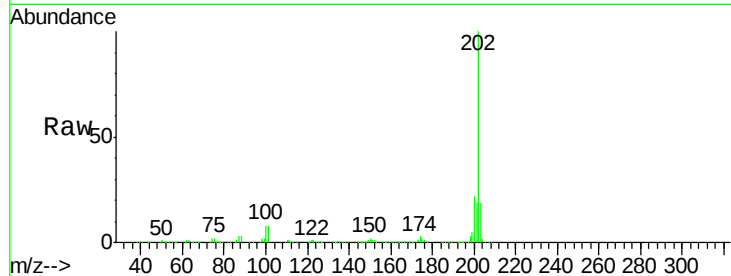
Tgt Ion:202 Resp: 1144921

Ion Ratio Lower Upper

202 100

200 22.4 16.9 25.3

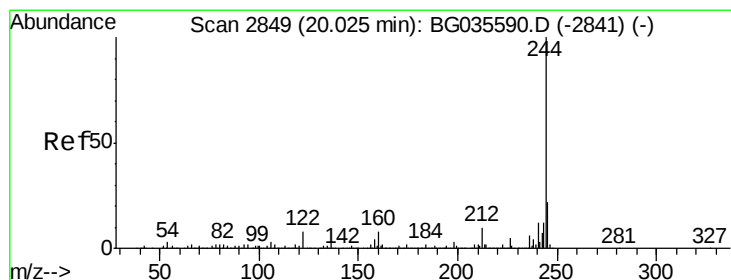
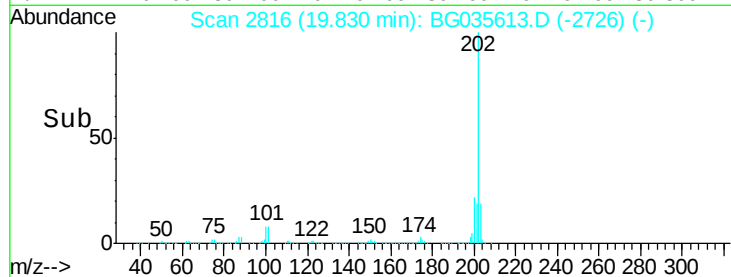
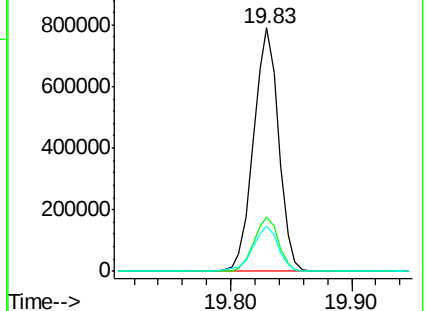
203 18.8 13.9 20.9



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: 92.297 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

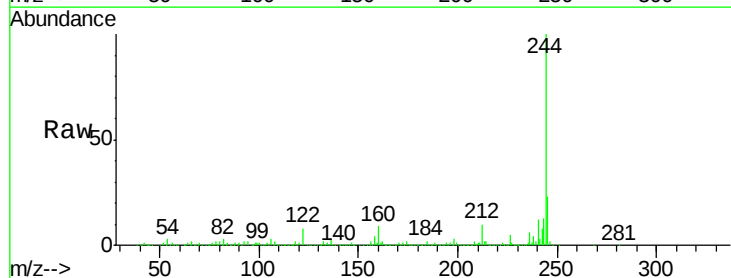
Tgt Ion:244 Resp: 1645099

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

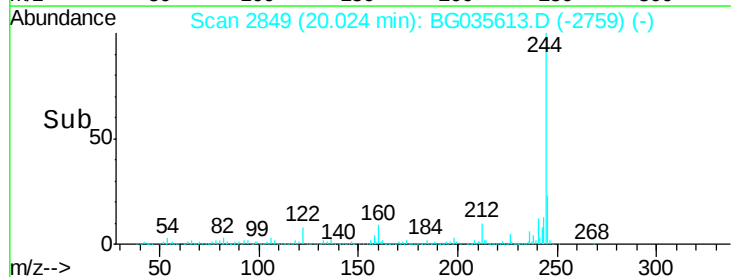
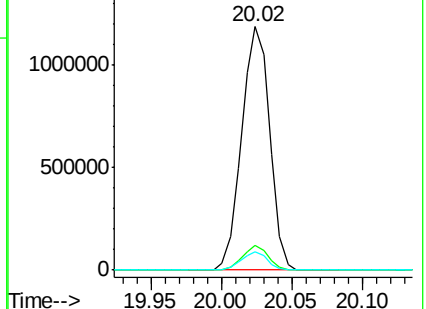
122 7.6 7.0 10.4

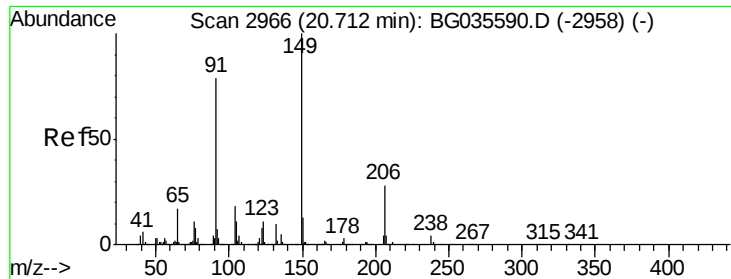


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.114 ng

RT: 20.71 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

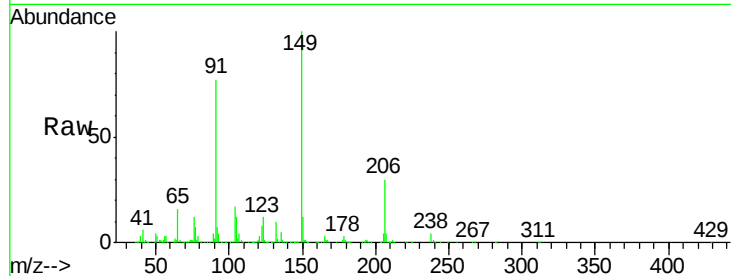
Tgt Ion:149 Resp: 418562

Ion Ratio Lower Upper

149 100

91 77.3 62.2 93.2

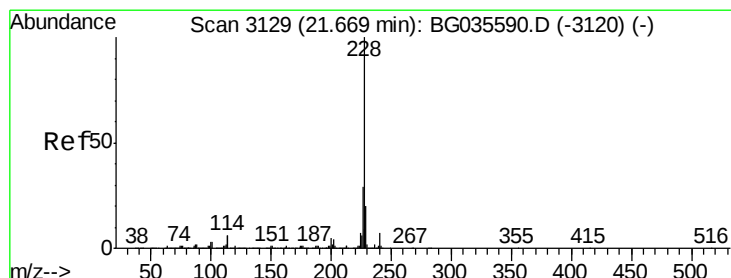
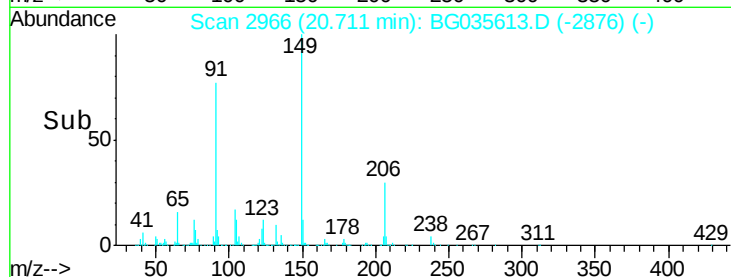
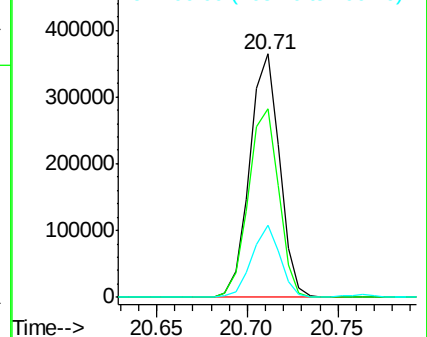
206 29.6 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.950 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

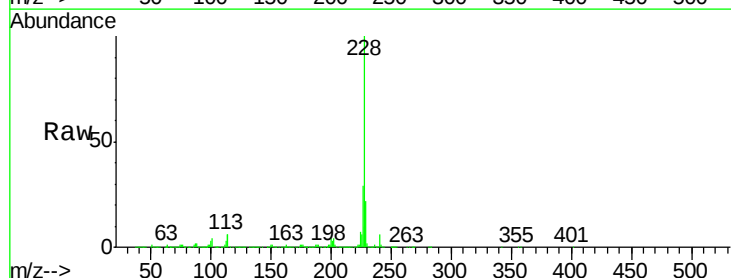
Tgt Ion:228 Resp: 1149535

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

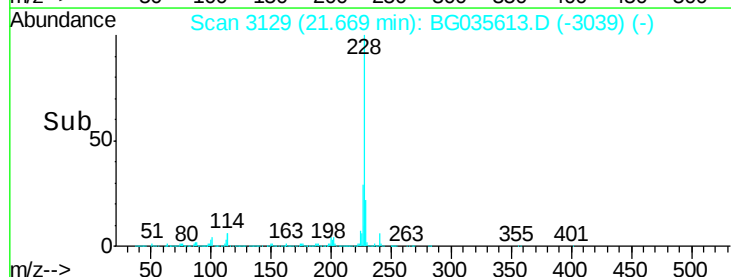
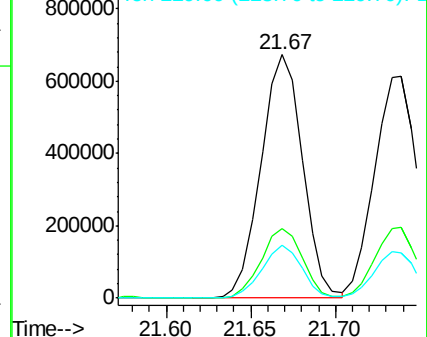
229 21.6 16.2 24.2

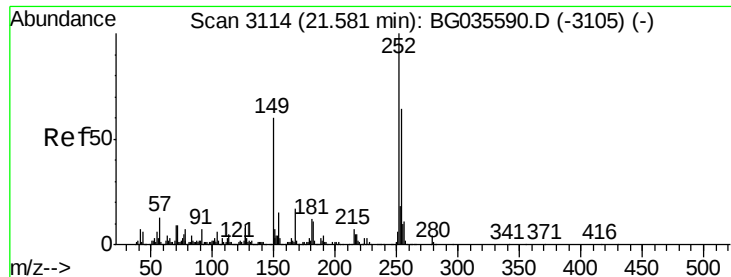


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

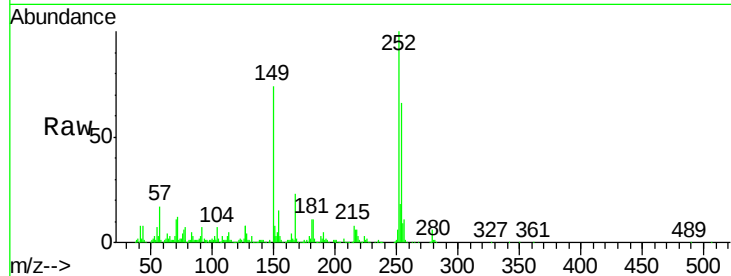




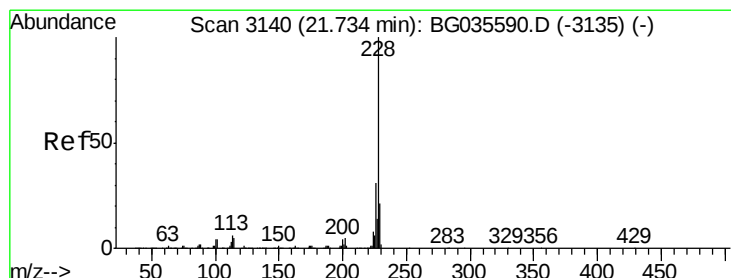
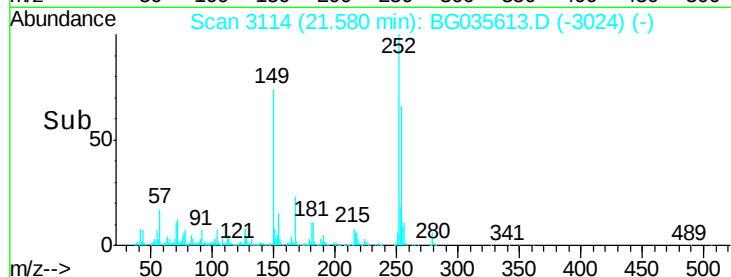
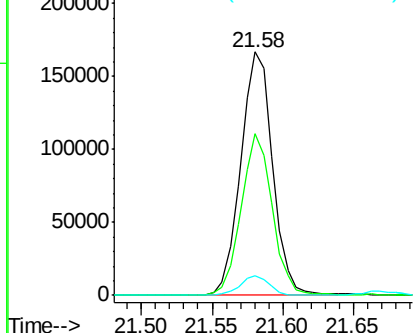
#81
 3,3'-Dichlorobenzidine
 Concen: 30.863 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111040BS

Tgt Ion:252 Resp: 263477
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.8 76.2
 126 8.0 7.4 11.2

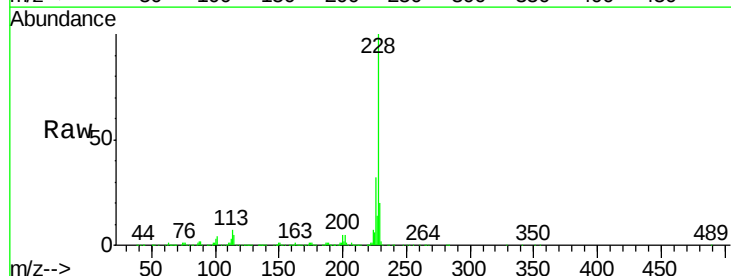


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

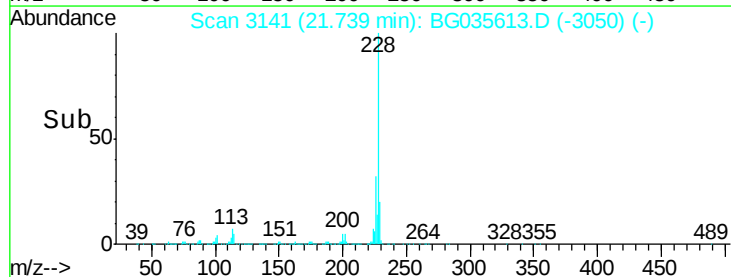
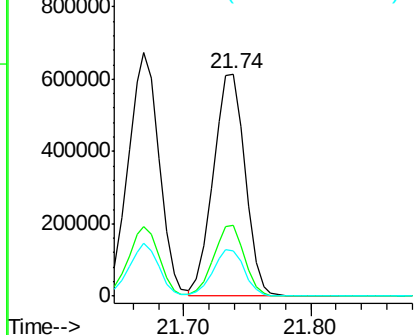


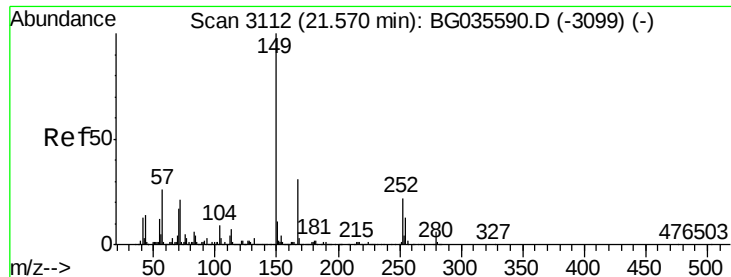
#82
 Chrysene
 Concen: 47.302 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.01 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Tgt Ion:228 Resp: 1073225
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.4 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: 46.954 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

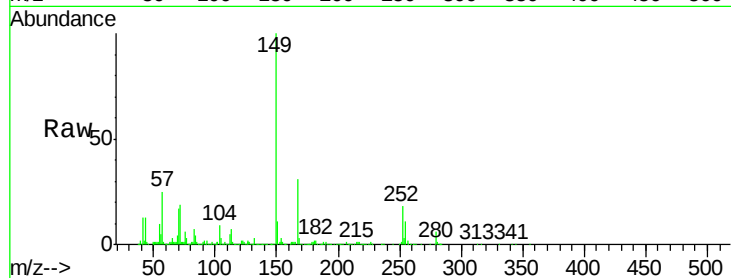
Tgt Ion:149 Resp: 567099

Ion Ratio Lower Upper

149 100

167 31.1 24.3 36.5

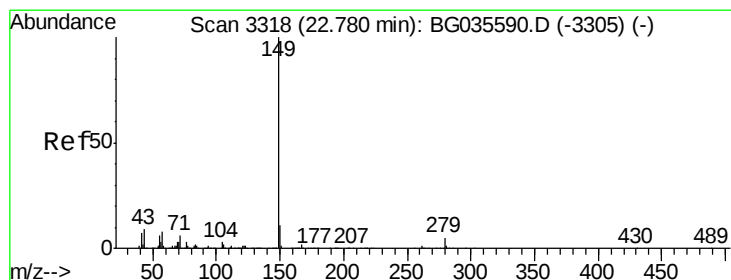
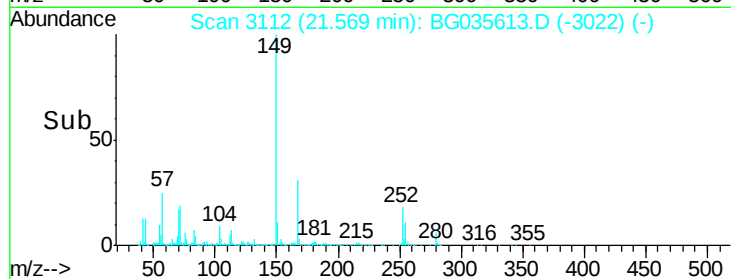
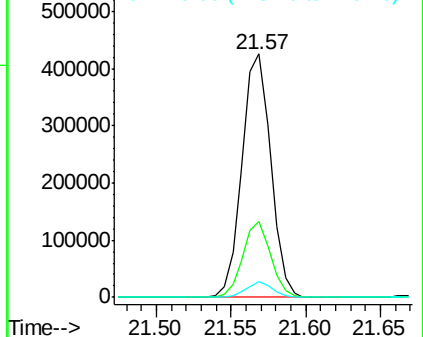
279 6.3 4.0 6.0#



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: 47.338 ng

RT: 22.78 min Scan# 3318

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

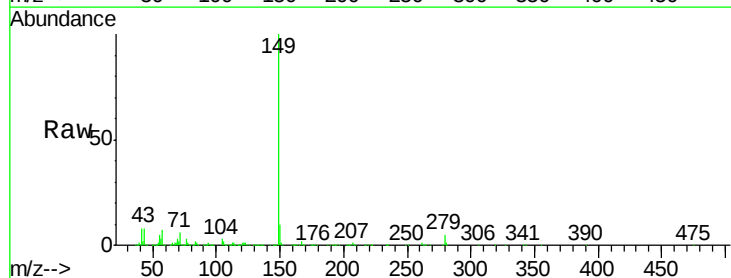
Tgt Ion:149 Resp: 957291

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

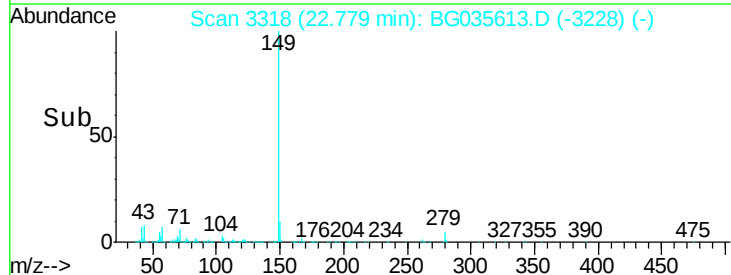
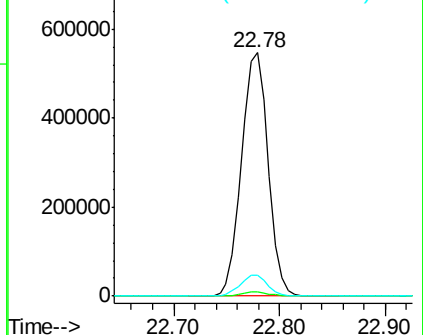
43 8.7 8.9 13.3#

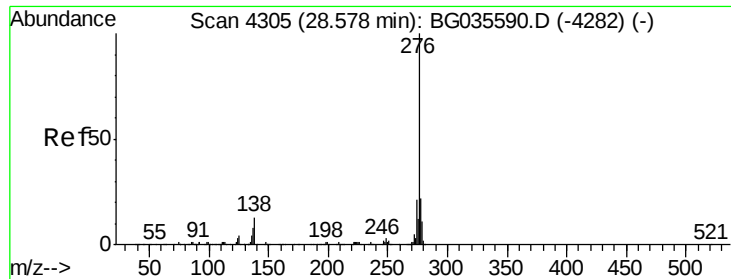


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

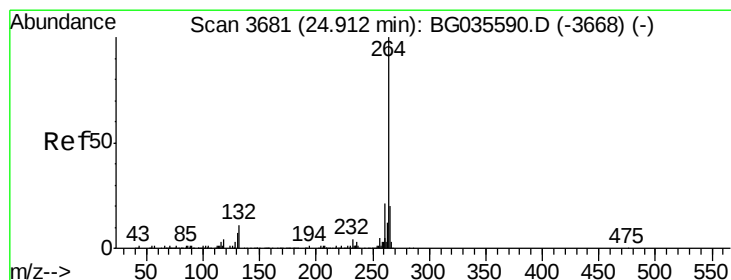
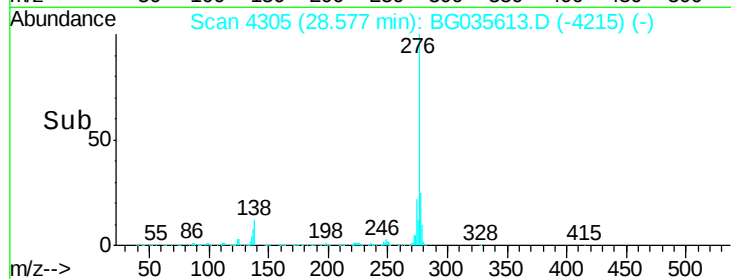
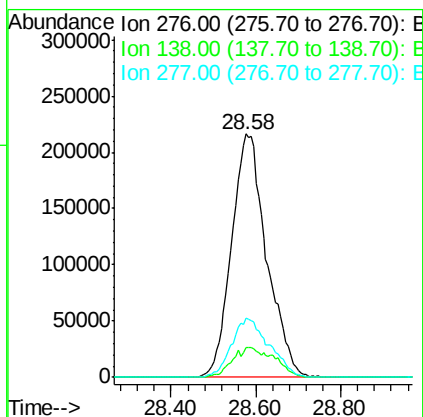
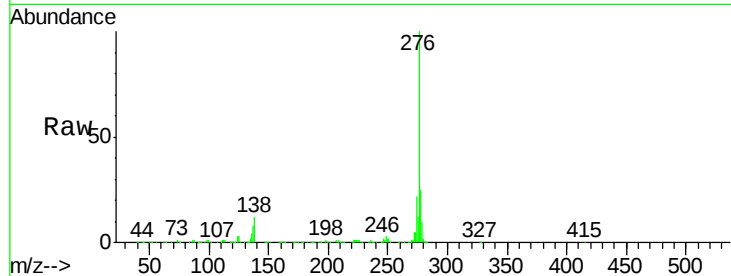




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.226 ng
 RT: 28.58 min Scan# 4305
 Delta R.T. -0.00 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

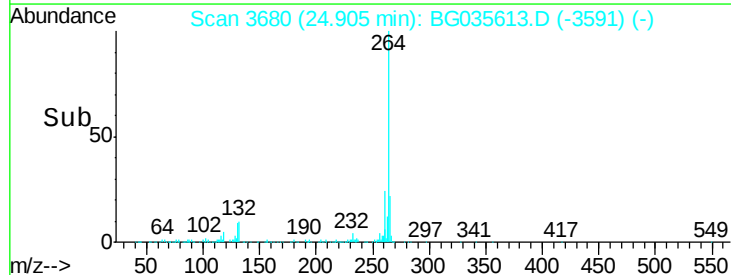
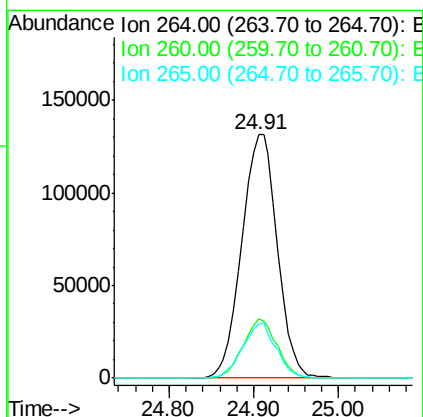
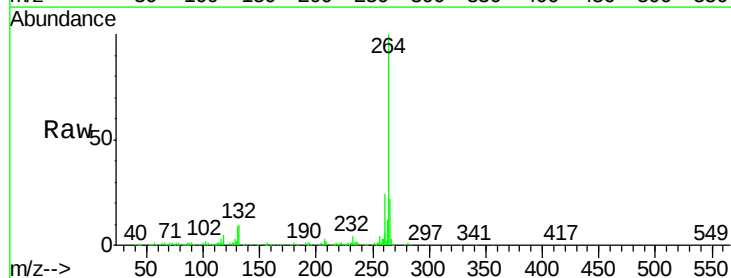
Instrument :
 BNA_G
 ClientSampleId :
 PB111040BS

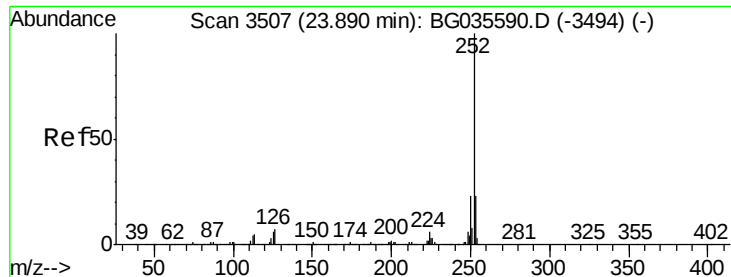
Tgt Ion:276 Resp: 1236539
 Ion Ratio Lower Upper
 276 100
 138 14.8 16.0 24.0#
 277 26.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: BG035613.D
 Acq: 13 Jul 2018 3:01

Tgt Ion:264 Resp: 383792
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 22.0 17.7 26.5

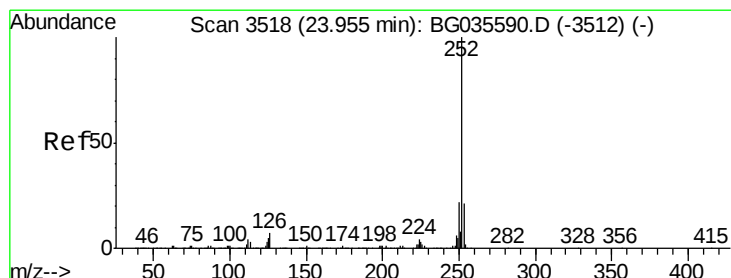
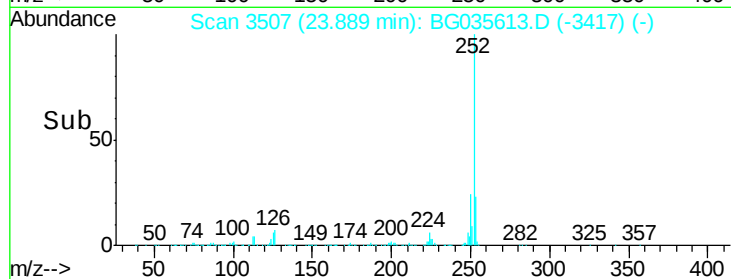
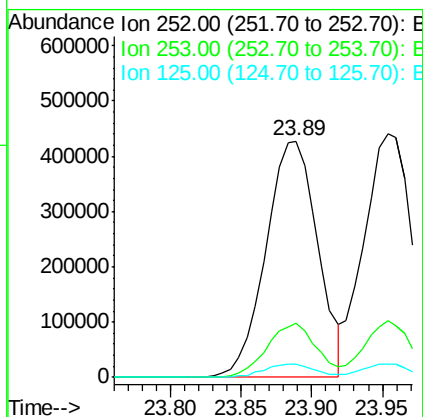
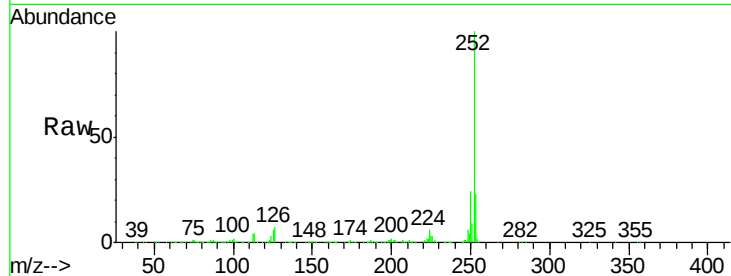




#87
Benzo(b)fluoranthene
Concen: 46.885 ng
RT: 23.89 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

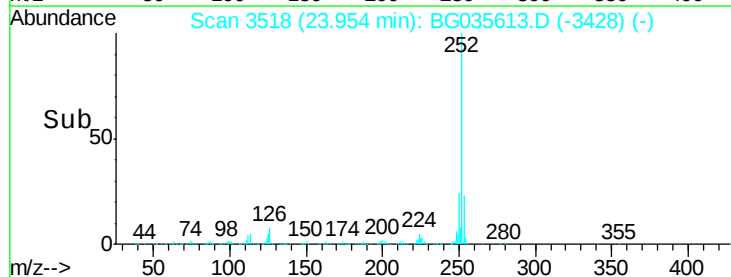
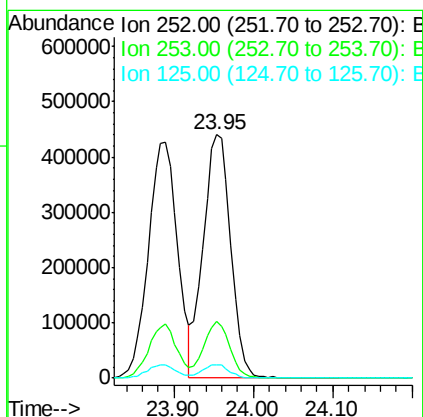
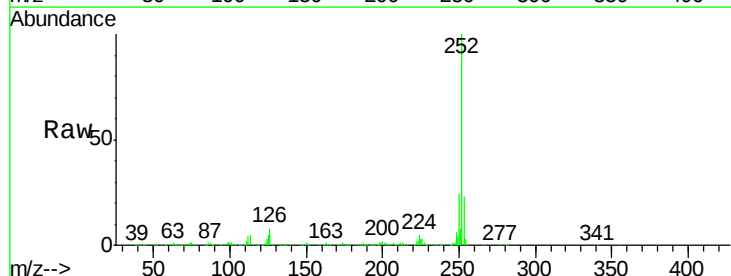
Instrument :
BNA_G
ClientSampleId :
PB111040BS

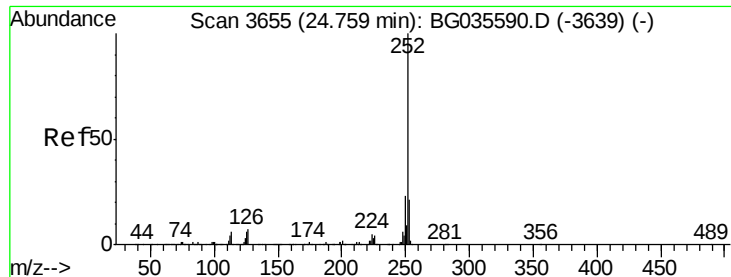
Tgt Ion:252 Resp: 1093686
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 5.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 46.339 ng
RT: 23.95 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG035613.D
Acq: 13 Jul 2018 3:01

Tgt Ion:252 Resp: 1056776
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 5.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 49.394 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS

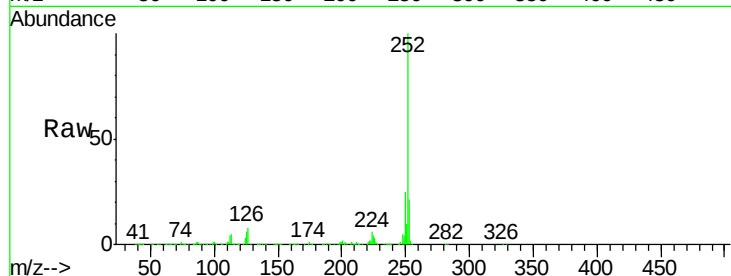
Tgt Ion:252 Resp: 1071925

Ion Ratio Lower Upper

252 100

253 21.3 18.3 27.5

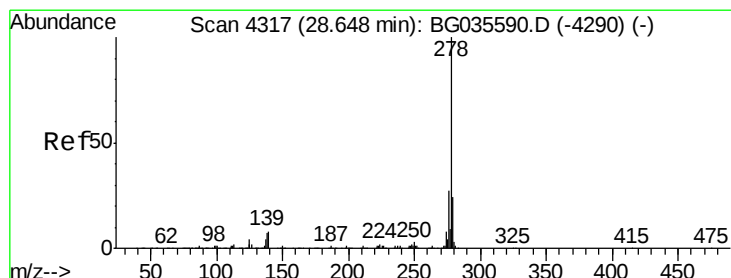
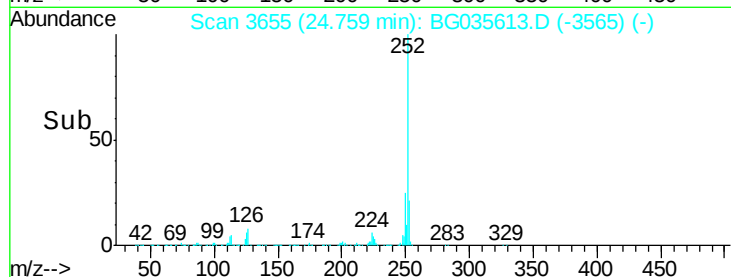
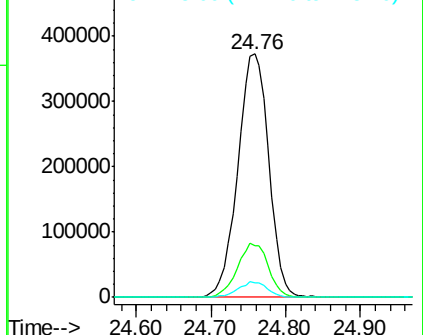
125 6.1 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.825 ng

RT: 28.64 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG035613.D

Acq: 13 Jul 2018 3:01

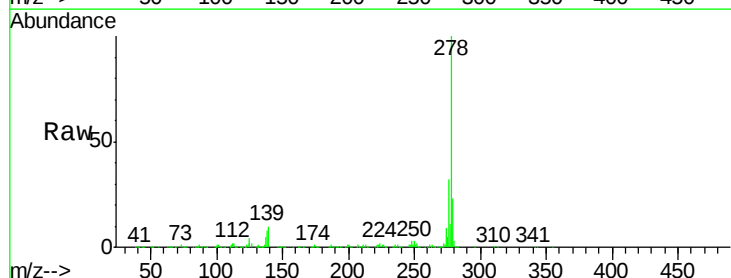
Tgt Ion:278 Resp: 1018927

Ion Ratio Lower Upper

278 100

139 9.8 9.8 14.6

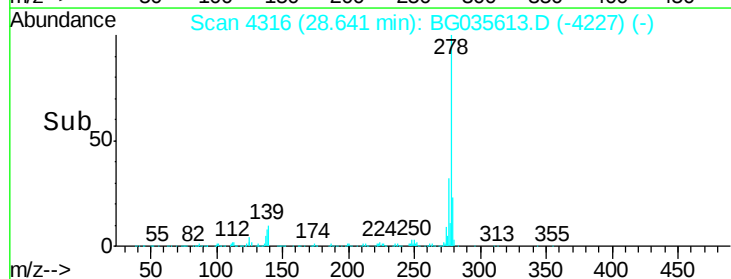
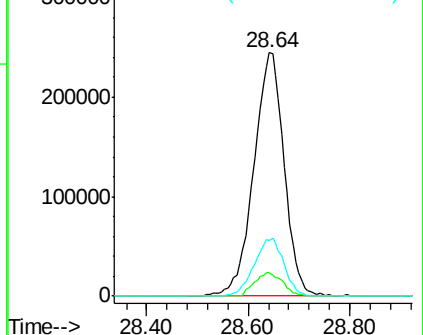
279 22.5 18.4 27.6

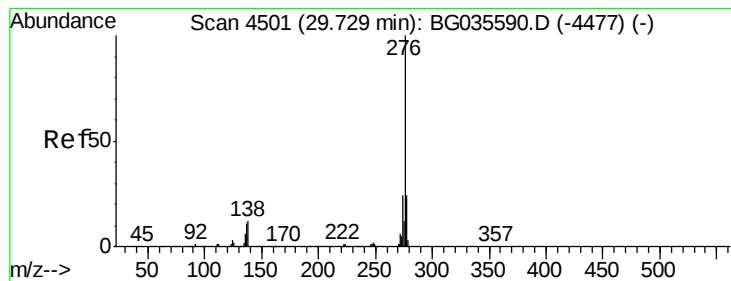


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.744 ng

RT: 29.73 min Scan# 4501

Delta R.T. -0.00 min

Lab File: BG035613.D

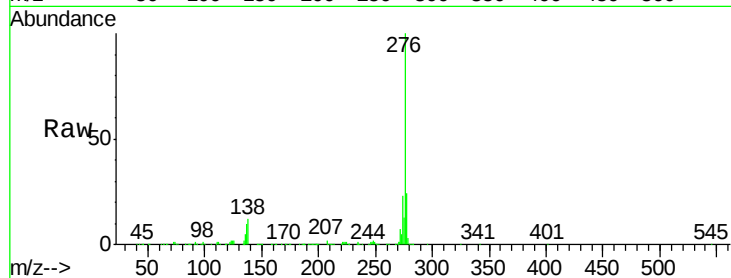
Acq: 13 Jul 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB111040BS



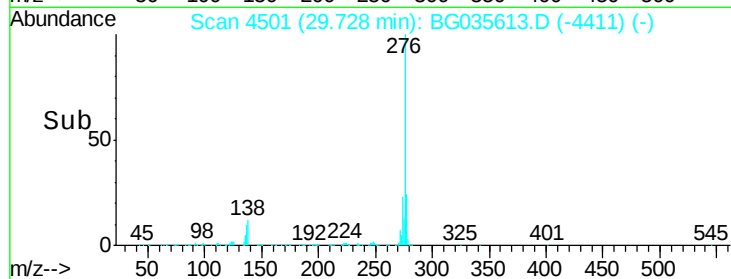
Tgt Ion:276 Resp: 1037078

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 12.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

