

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035798.D
 Acq On : 20 Jul 2018 23:58
 Operator : JU/SJ
 Sample : PB111227BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

Quant Time: Jul 21 00:39:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	50995	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	187515	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	129468	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	332970	20.00	ng	0.00
75) Chrysene-d12	21.66	240	345864	20.00	ng	0.00
86) Perylene-d12	24.86	264	331939	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	424074	138.06	ng	0.00
7) Phenol-d6	7.20	99	613782	133.93	ng	0.00
23) Nitrobenzene-d5	9.19	82	391988	87.33	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	247070	144.78	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	886504	91.74	ng	0.00
78) Terphenyl-d14	20.00	244	1473058	93.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	46855	29.972	ng	# 77
3) Pyridine	3.91	79	139230	34.115	ng	# 71
4) n-Nitrosodimethylamine	3.84	42	57588	32.863	ng	# 63
6) Aniline	7.36	93	137752	23.191	ng	95
8) 2-Chlorophenol	7.60	128	139359	44.610	ng	93
9) Benzaldehyde	7.17	77	78545	27.933	ng	95
10) Phenol	7.23	94	206821	44.671	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	139187	38.387	ng	89
12) 1,3-Dichlorobenzene	7.92	146	155313	41.170	ng	97
13) 1,4-Dichlorobenzene	8.07	146	157190	41.010	ng	99
14) 1,2-Dichlorobenzene	8.38	146	150091	40.761	ng	95
15) Benzyl Alcohol	8.27	79	166979	40.124	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	156665	51.537	ng	79
17) 2-Methylphenol	8.48	107	139529	44.325	ng	# 93
18) Hexachloroethane	9.10	117	59553	40.635	ng	89
19) n-Nitroso-di-n-propylamine	8.83	70	131417	34.054	ng	# 87
20) 3+4-Methylphenols	8.80	107	190218	43.558	ng	95
22) Acetophenone	8.85	105	239546	41.080	ng	# 89
24) Nitrobenzene	9.23	77	193915	42.956	ng	# 90
25) Isophorone	9.75	82	371388	44.571	ng	99
26) 2-Nitrophenol	9.94	139	82920	51.720	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	142386	52.466	ng	84
28) bis(2-Chloroethoxy)methane	10.23	93	201378	43.859	ng	94
29) 2,4-Dichlorophenol	10.49	162	158882	51.287	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	172742	45.474	ng	99
31) Naphthalene	10.88	128	426646	43.679	ng	100
32) Benzoic acid	10.17	122	68784	37.650	ng	95
33) 4-Chloroaniline	11.00	127	41076	9.648	ng	98
34) Hexachlorobutadiene	11.16	225	135073	45.599	ng	97
35) Caprolactam	11.77	113	30205	22.720	ng	# 83
36) 4-Chloro-3-methylphenol	12.12	107	193767	46.663	ng	96
37) 2-Methylnaphthalene	12.48	142	330969	45.480	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	228932	46.849	ng	99
40) Hexachlorocyclopentadiene	12.83	237	310547	121.178	ng	92

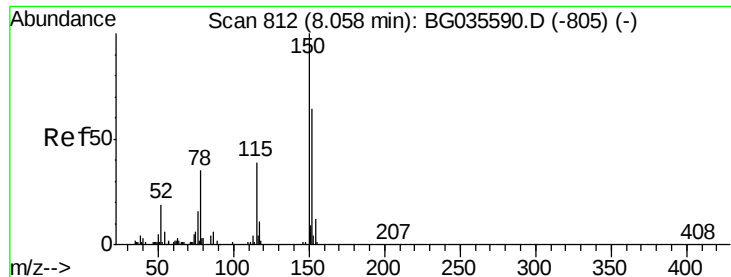
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
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 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	149992	52.487	ng	99
43) 2,4,5-Trichlorophenol	13.17	196	161624	50.557	ng	98
45) 1,1'-Biphenyl	13.49	154	460969	45.924	ng	99
46) 2-Chloronaphthalene	13.53	162	360361	46.155	ng	99
47) 2-Nitroaniline	13.73	65	120204	43.548	ng	97
48) Acenaphthylene	14.37	152	592528	45.305	ng	98
49) Dimethylphthalate	14.11	163	488707	43.083	ng	# 98
50) 2,6-Dinitrotoluene	14.23	165	112887	48.870	ng	92
51) Acenaphthene	14.71	154	340077	41.742	ng	98
52) 3-Nitroaniline	14.56	138	42681	18.078	ng	# 95
53) 2,4-Dinitrophenol	14.77	184	79589	68.072	ng	# 66
54) Dibenzofuran	15.05	168	576044	44.458	ng	94
55) 4-Nitrophenol	14.88	139	157604	93.737	ng	88
56) 2,4-Dinitrotoluene	15.01	165	161036	48.594	ng	# 87
57) Fluorene	15.70	166	474202	43.665	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	149494	48.772	ng	# 95
59) Diethylphthalate	15.47	149	482836	41.396	ng	97
60) 4-Chlorophenyl-phenylether	15.69	204	279147	43.734	ng	96
61) 4-Nitroaniline	15.73	138	100345	40.632	ng	86
62) Azobenzene	15.98	77	481790	41.876	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	73578	39.696	ng	89
65) n-Nitrosodiphenylamine	15.91	169	423088	44.641	ng	95
66) 4-Bromophenyl-phenylether	16.58	248	181088	46.877	ng	94
67) Hexachlorobenzene	16.71	284	188311	47.336	ng	96
68) Atrazine	16.85	200	185923	47.646	ng	96
69) Pentachlorophenol	17.05	266	160750	66.341	ng	99
70) Phenanthrene	17.44	178	751942	45.258	ng	97
71) Anthracene	17.53	178	754594	45.612	ng	97
72) Carbazole	17.80	167	691754	44.029	ng	98
73) Di-n-butylphthalate	18.35	149	799847	43.081	ng	# 98
74) Fluoranthene	19.44	202	967850	43.247	ng	97
76) Benzidine	19.63	184	343929	37.824	ng	97
77) Pyrene	19.81	202	967264	44.229	ng	97
79) Butylbenzylphthalate	20.69	149	365793	46.773	ng	94
80) Benzo(a)anthracene	21.64	228	969603	44.986	ng	99
81) 3,3'-Dichlorobenzidine	21.56	252	180972	24.081	ng	97
82) Chrysene	21.71	228	904756	45.299	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	504042	47.408	ng	99
84) Di-n-octyl phthalate	22.74	149	864649	48.570	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.50	276	1048595	47.420	ng	# 85
87) Benzo(b)fluoranthene	23.84	252	940294	46.607	ng	# 97
88) Benzo(k)fluoranthene	23.91	252	898243	45.541	ng	# 98
89) Benzo(a)pyrene	24.71	252	896657	47.772	ng	# 98
90) Dibenzo(a,h)anthracene	28.57	278	862928	46.830	ng	# 97
91) Benzo(g,h,i)perylene	29.65	276	868385	48.160	ng	# 95

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

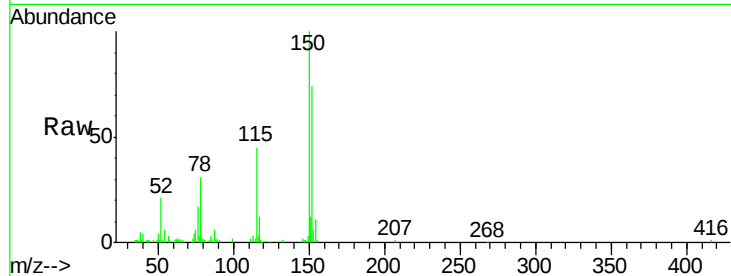


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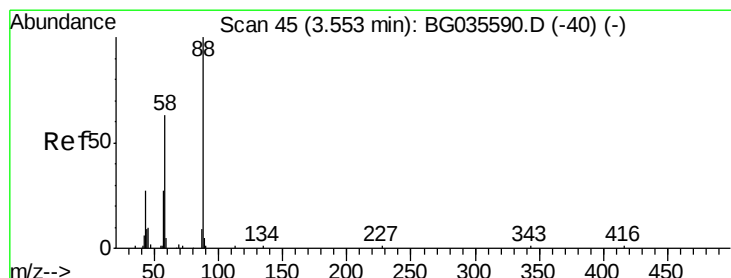
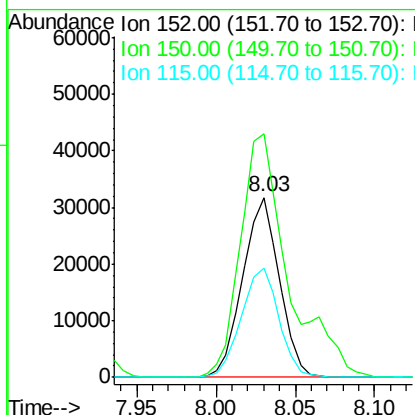
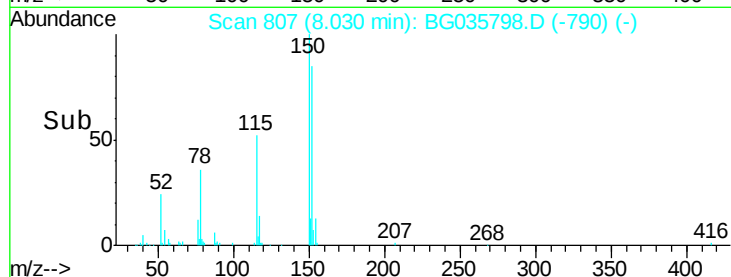
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Instrument :
BNA_G
ClientSampleId :
PB111227BS

Tgt Ion:152 Resp: 50995
Ion Ratio Lower Upper
152 100
150 135.2 126.6 189.8
115 60.3 53.0 79.4



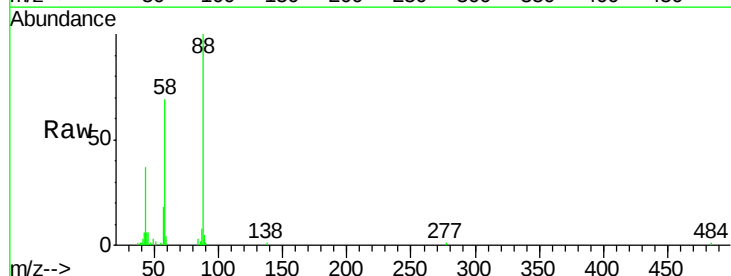
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



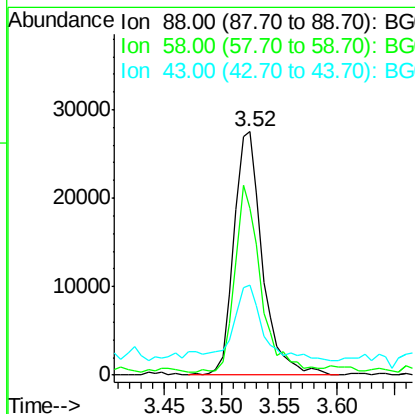
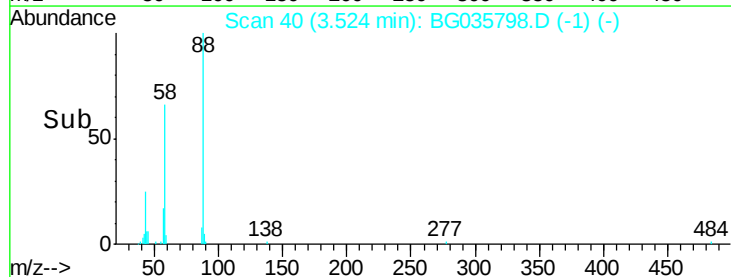
#2

1,4-Dioxane
Concen: 29.972 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion: 88 Resp: 46855
Ion Ratio Lower Upper
88 100
58 70.2 79.6 119.4#
43 32.1 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: 34.115 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

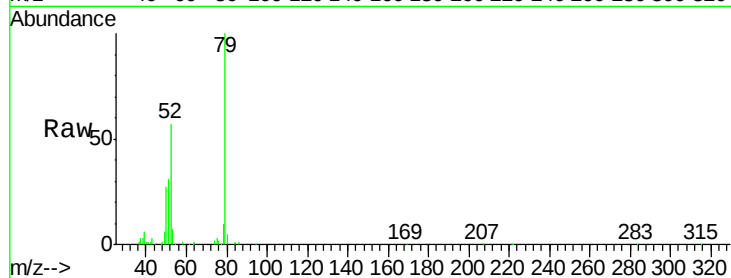
Tgt Ion: 79 Resp: 139230

Ion Ratio Lower Upper

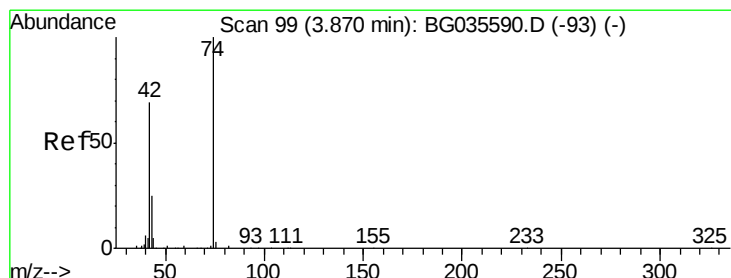
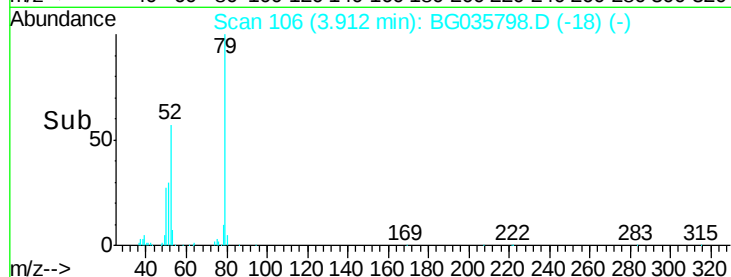
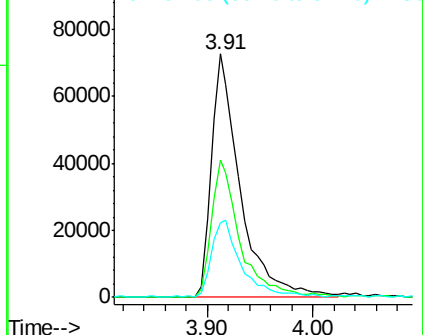
79 100

52 56.6 69.9 104.9#

51 30.6 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: 32.863 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

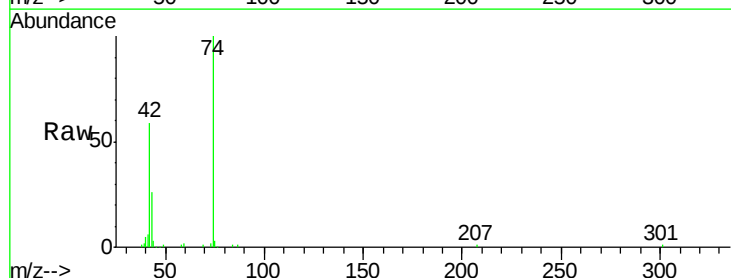
Tgt Ion: 42 Resp: 57588

Ion Ratio Lower Upper

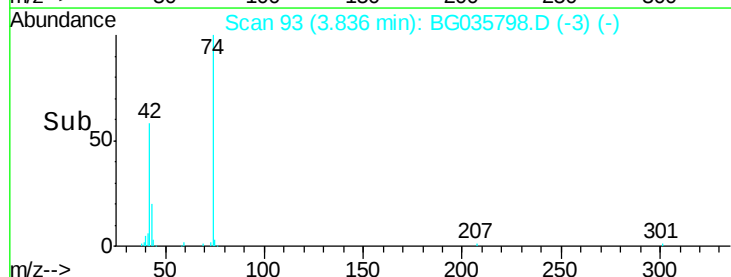
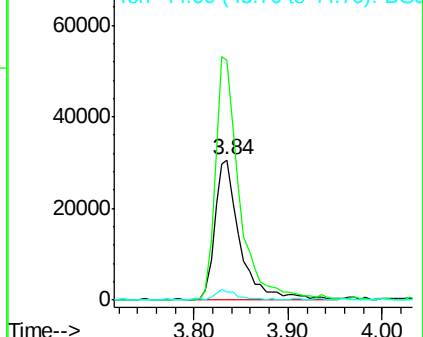
42 100

74 170.9 102.5 153.7#

44 5.5 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 138.065 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

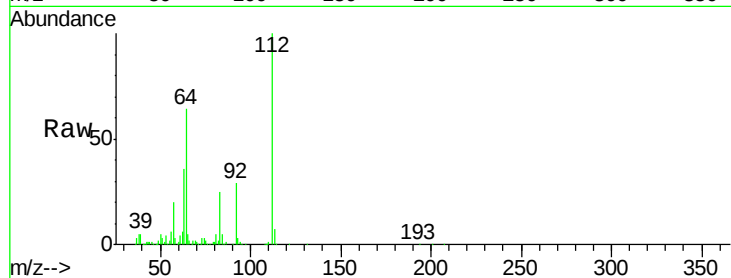
Tgt Ion: 112 Resp: 424074

Ion Ratio Lower Upper

112 100

64 64.5 56.3 84.5

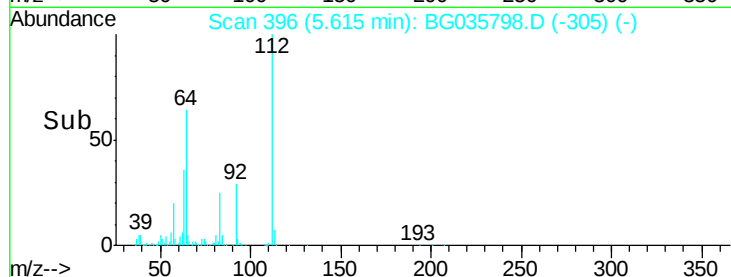
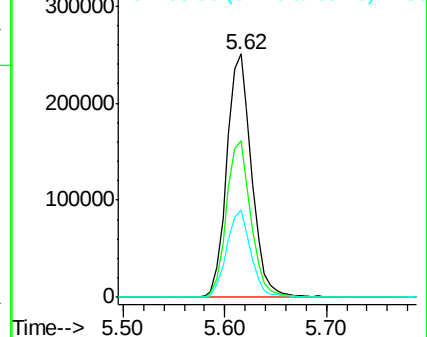
63 35.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 23.191 ng

RT: 7.36 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

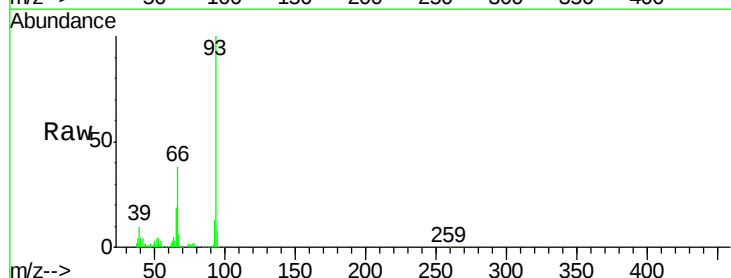
Tgt Ion: 93 Resp: 137752

Ion Ratio Lower Upper

93 100

66 38.2 33.7 50.5

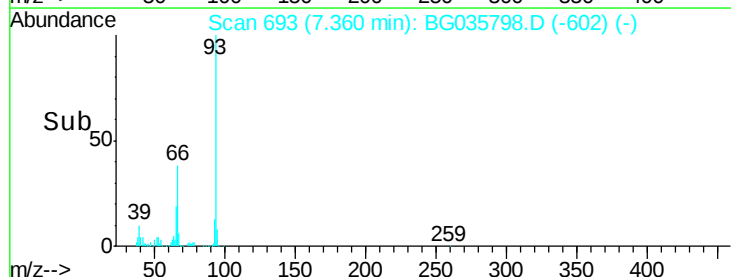
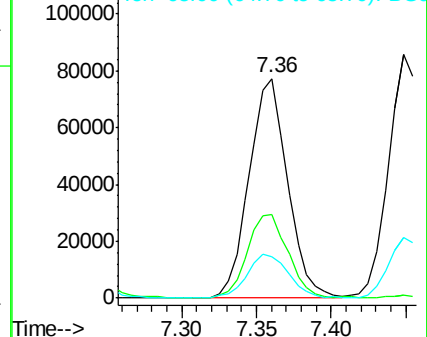
65 19.0 16.1 24.1

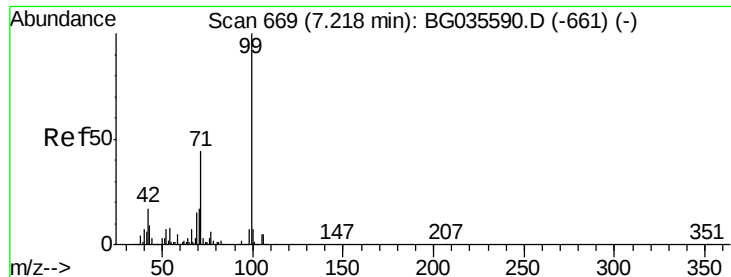


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 133.934 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

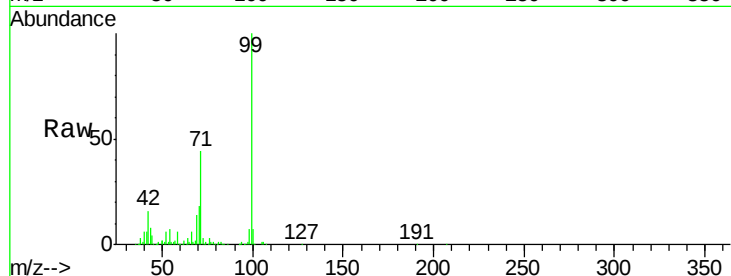
Instrument :

BNA_G

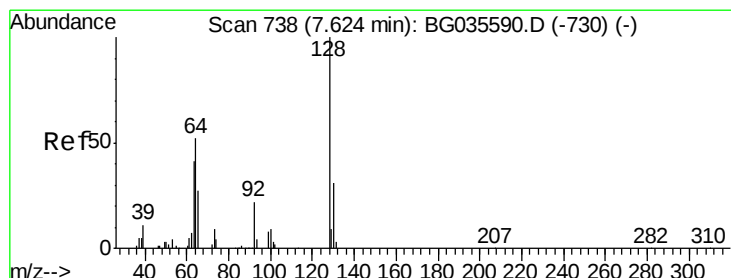
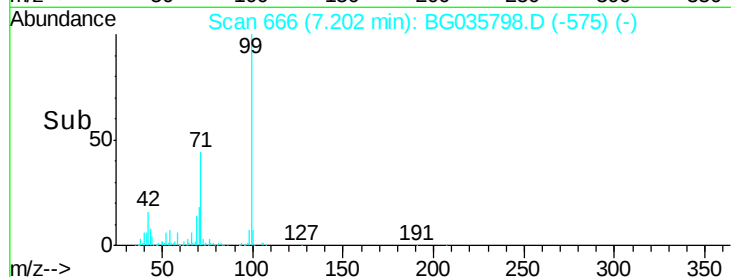
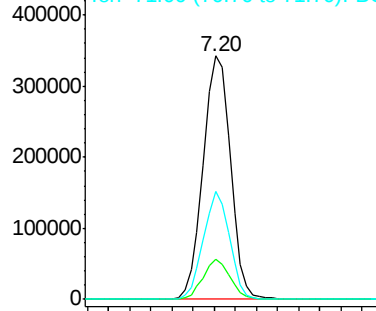
ClientSampleId :

PB111227BS

Tgt Ion:	99	Resp:	613782
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	44.1	26.1	39.1#



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



#8

2-Chlorophenol

Concen: 44.610 ng

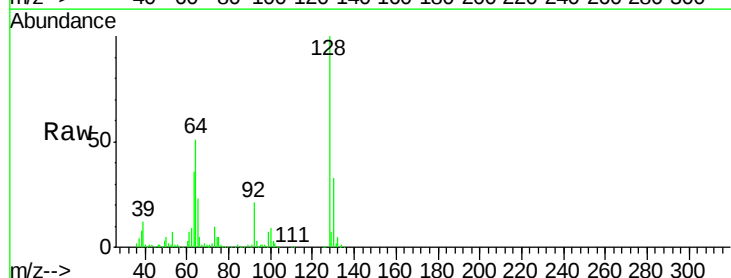
RT: 7.60 min Scan# 734

Delta R.T. 0.00 min

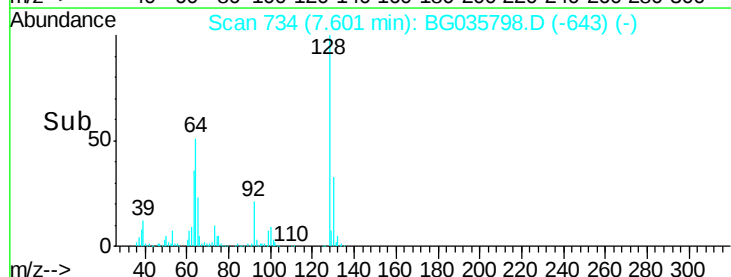
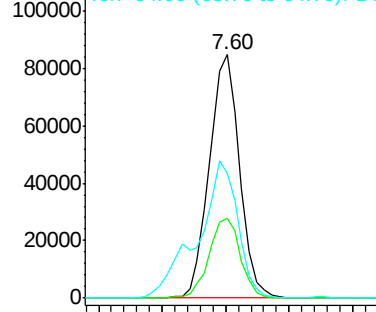
Lab File: BG035798.D

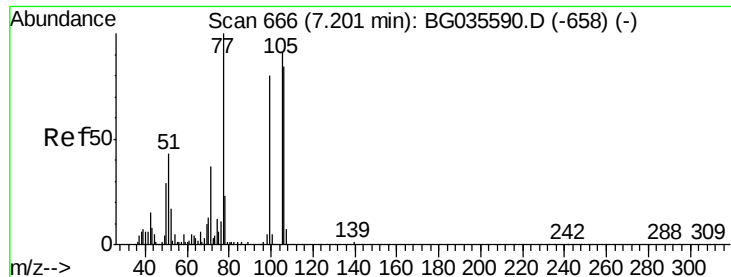
Acq: 20 Jul 2018 23:58

Tgt Ion:	128	Resp:	139359
Ion	Ratio	Lower	Upper
128	100		
130	32.6	14.0	54.0
64	51.0	37.7	77.7



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





#9

Benzaldehyde

Concen: 27.933 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

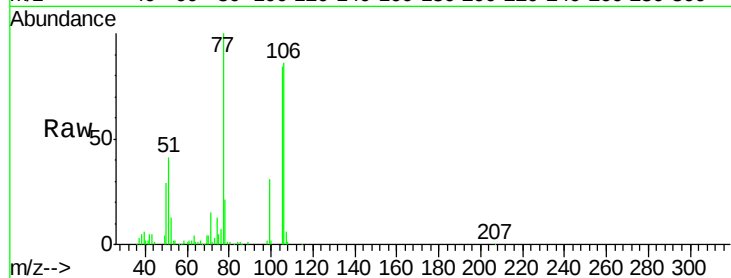
Tgt Ion: 77 Resp: 78545

Ion Ratio Lower Upper

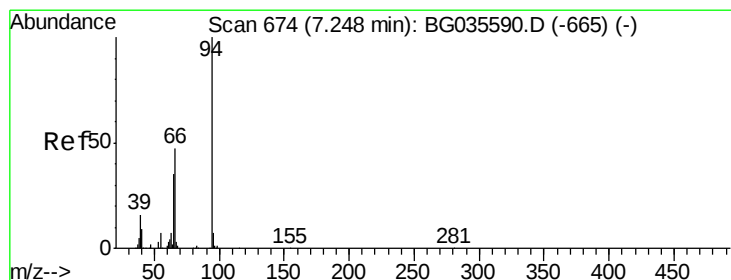
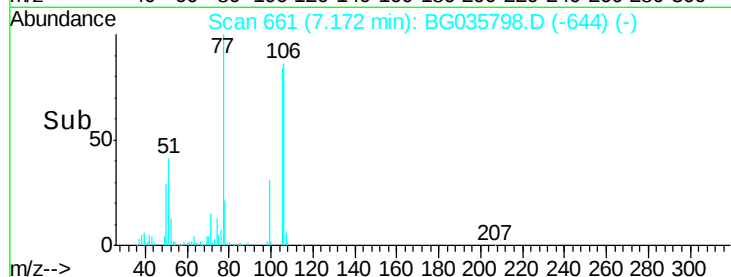
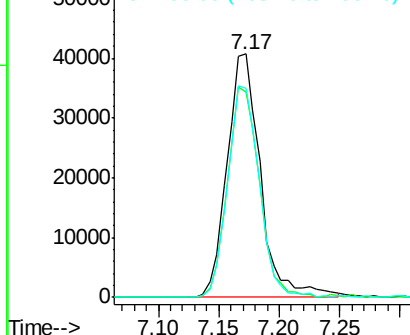
77 100

105 84.2 71.3 111.3

106 86.1 64.2 104.2



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



#10

Phenol

Concen: 44.671 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

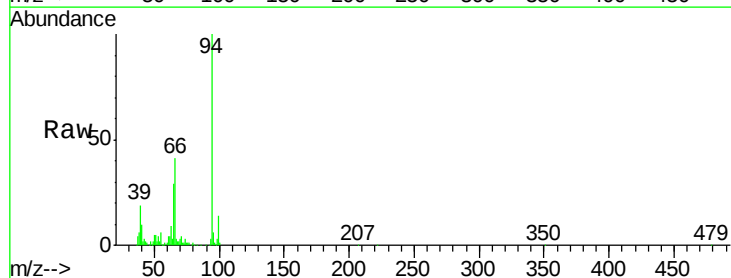
Tgt Ion: 94 Resp: 206821

Ion Ratio Lower Upper

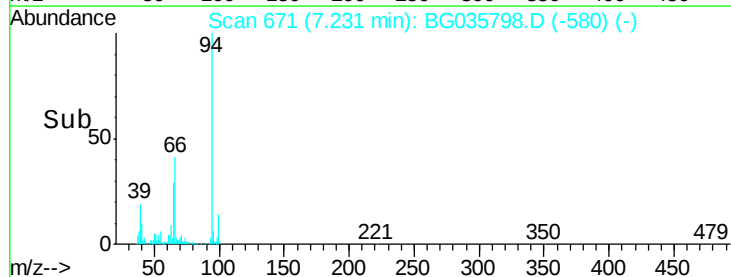
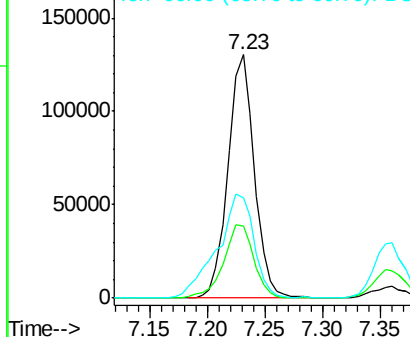
94 100

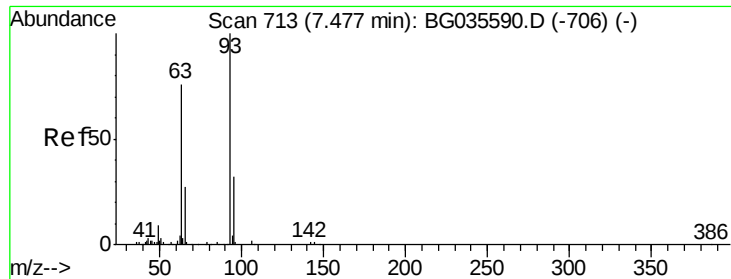
65 29.5 11.9 51.9

66 41.3 22.2 62.2



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

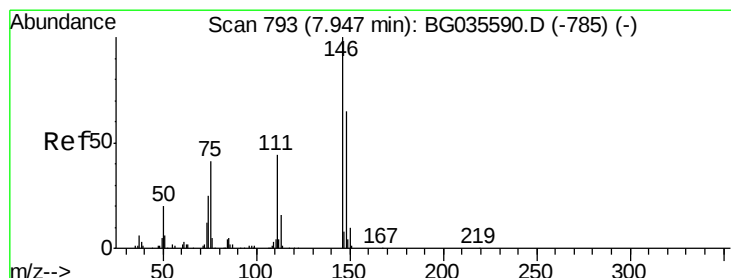
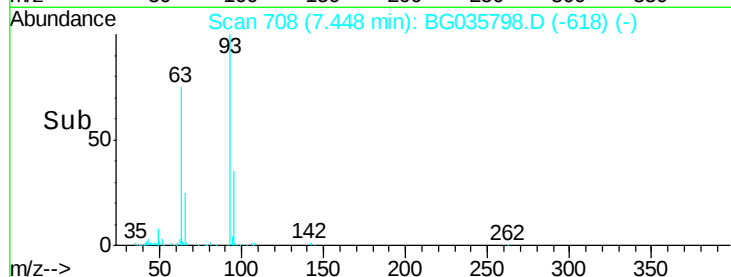
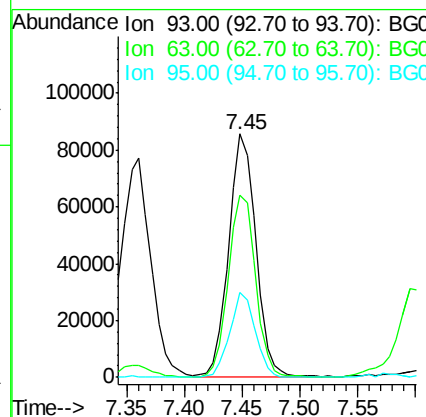
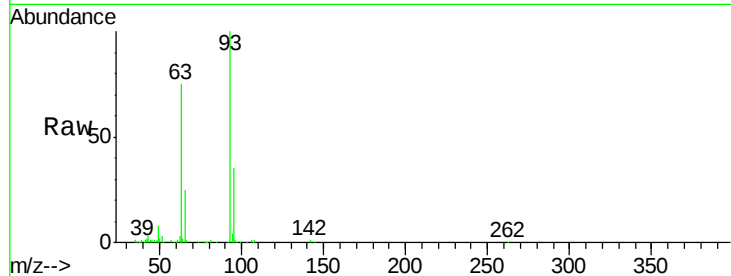




#11
bis(2-Chloroethyl)ether
Concen: 38.387 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

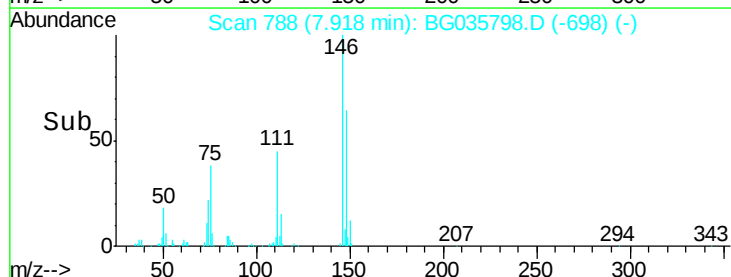
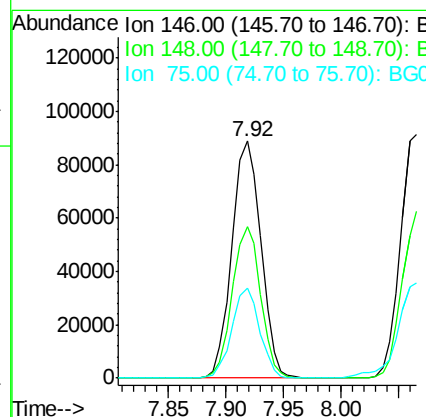
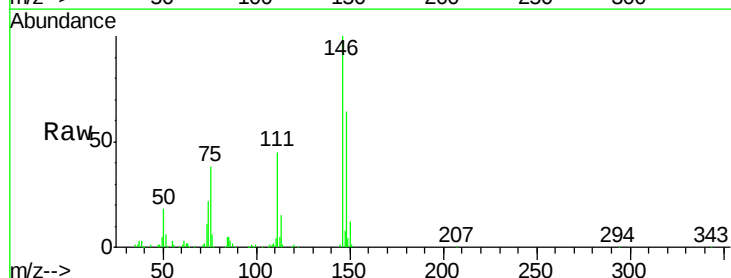
Instrument :
BNA_G
ClientSampleId :
PB111227BS

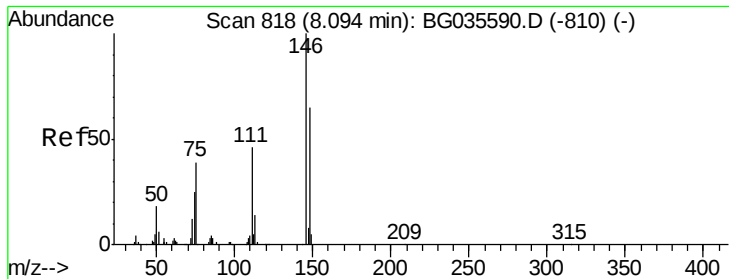
Tgt Ion: 93 Resp: 139187
Ion Ratio Lower Upper
93 100
63 74.9 67.1 107.1
95 34.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.170 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion: 146 Resp: 155313
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 38.2 26.6 39.8

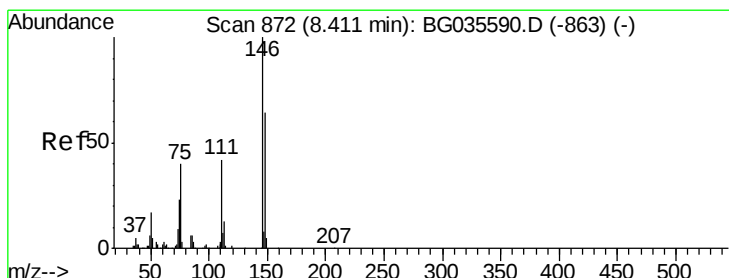
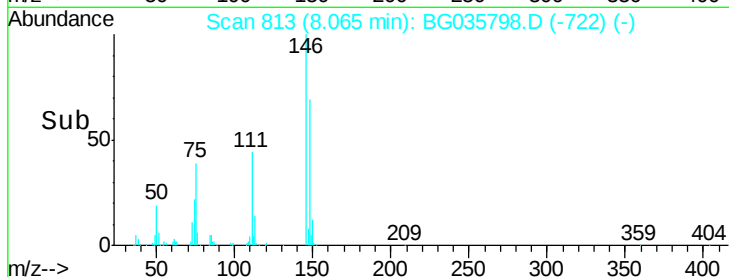
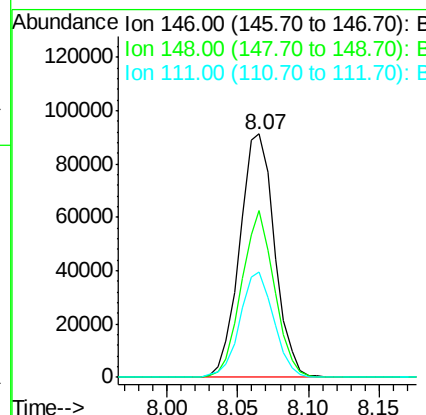
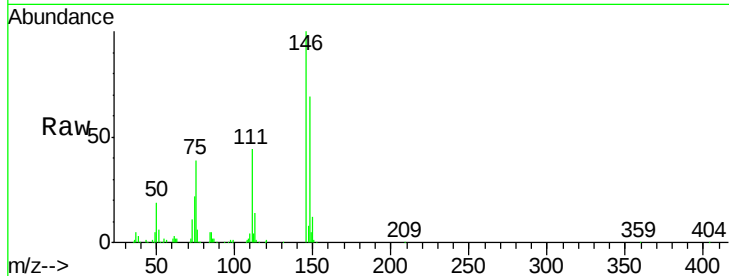




#13
 1,4-Dichlorobenzene
 Concen: 41.010 ng
 RT: 8.07 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

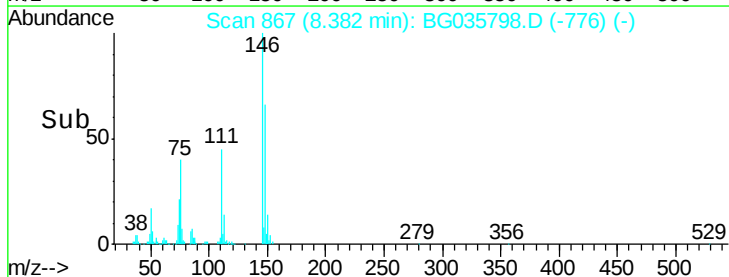
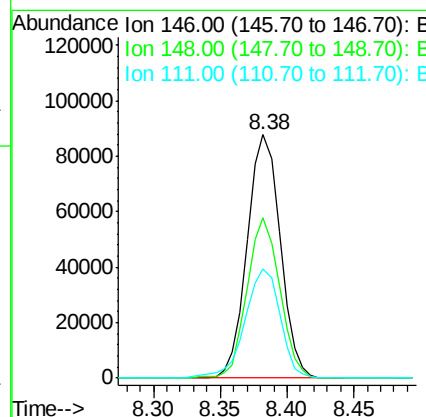
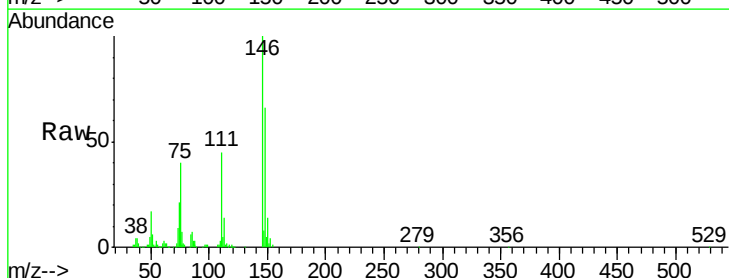
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

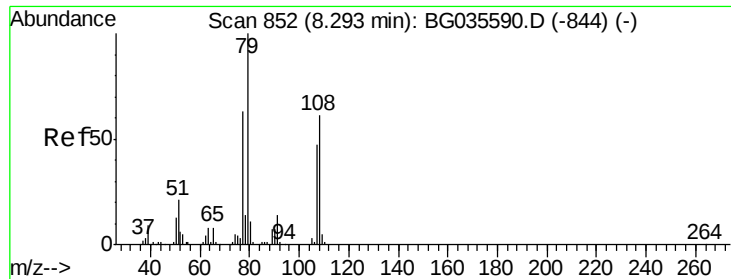
Tgt Ion:146 Resp: 157190
 Ion Ratio Lower Upper
 146 100
 148 68.6 53.7 80.5
 111 43.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.761 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion:146 Resp: 150091
 Ion Ratio Lower Upper
 146 100
 148 66.0 49.3 73.9
 111 44.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 40.124 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

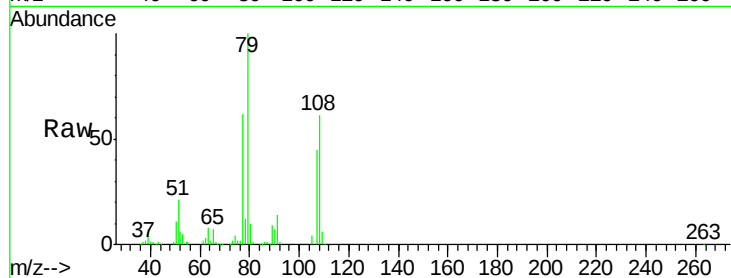
Tgt Ion: 79 Resp: 166979

Ion Ratio Lower Upper

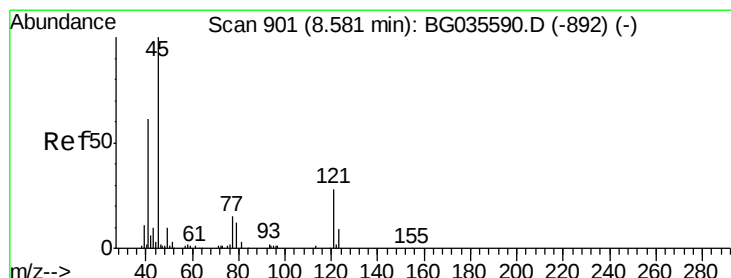
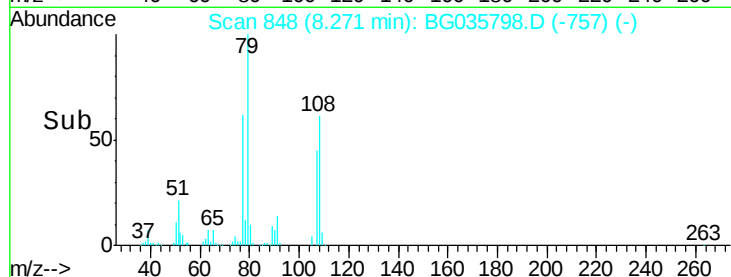
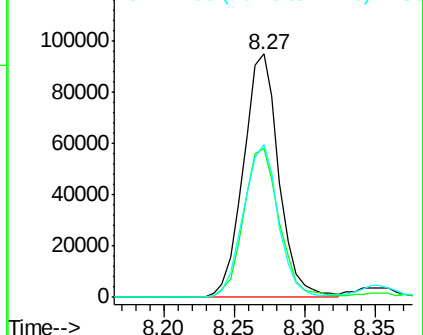
79 100

108 61.3 57.2 85.8

77 62.5 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: 51.537 ng

RT: 8.55 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

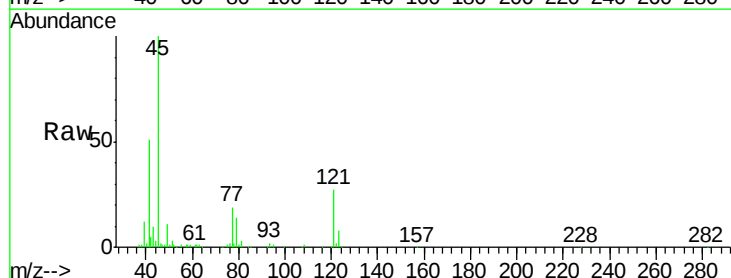
Tgt Ion: 45 Resp: 156665

Ion Ratio Lower Upper

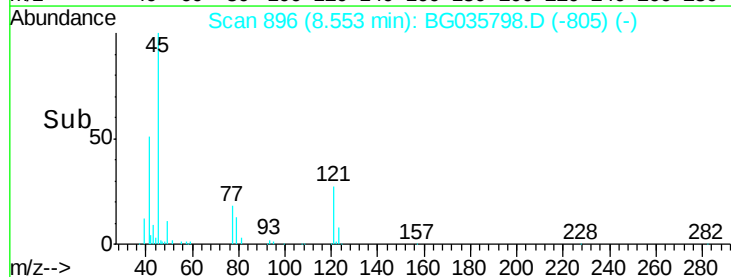
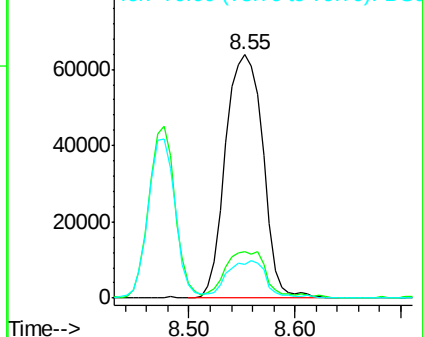
45 100

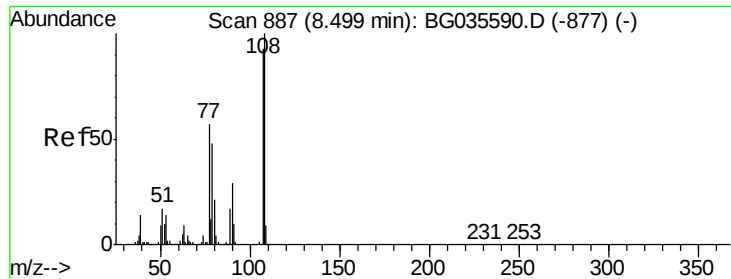
77 19.0 0.0 30.2

79 13.9 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: 44.325 ng

RT: 8.48 min Scan# 883

Delta R.T. 0.01 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

Tgt Ion:107 Resp: 139529

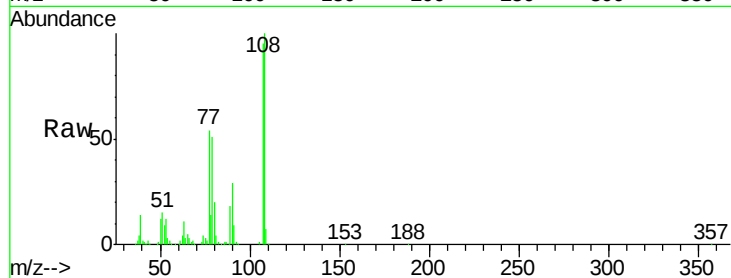
Ion Ratio Lower Upper

107 100

108 105.3 83.9 125.9

77 57.3 37.2 55.8#

79 53.3 36.2 54.2

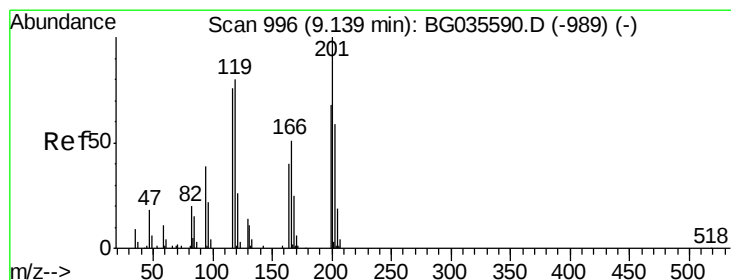
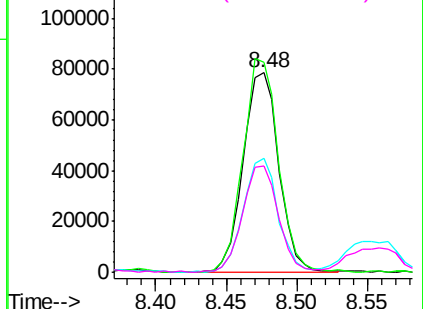
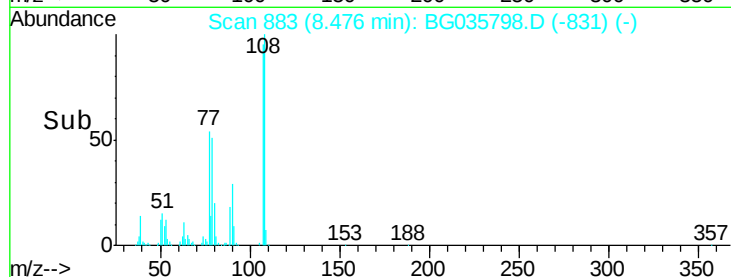


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.635 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

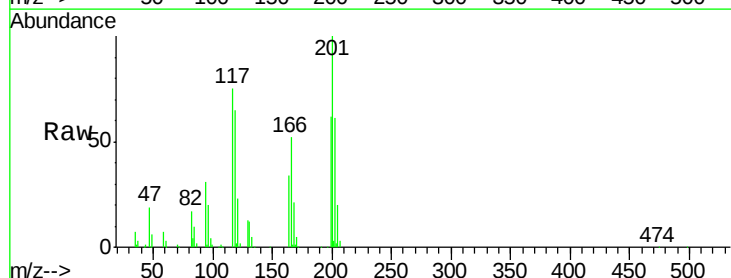
Tgt Ion:117 Resp: 59553

Ion Ratio Lower Upper

117 100

119 86.8 76.7 115.1

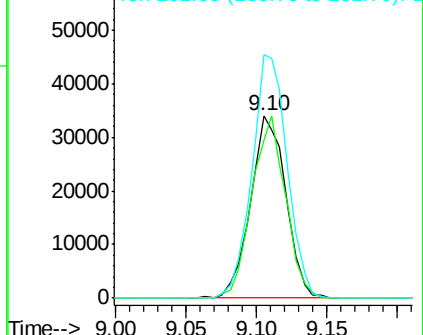
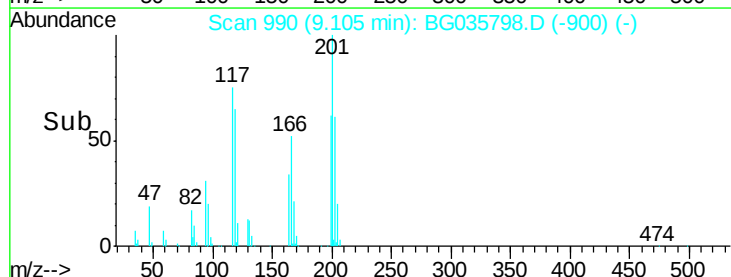
201 133.6 95.7 143.5

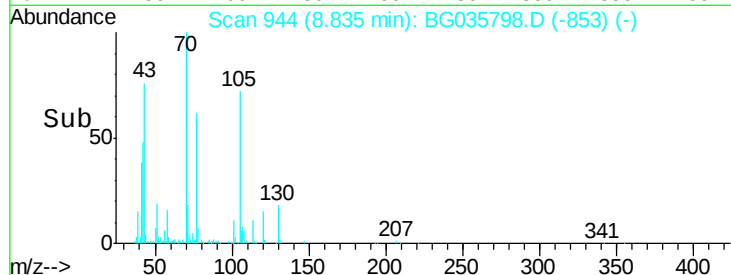
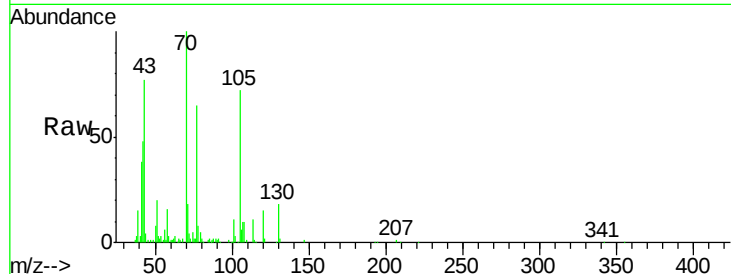
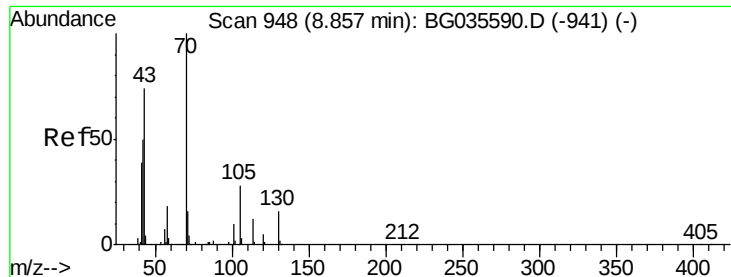


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

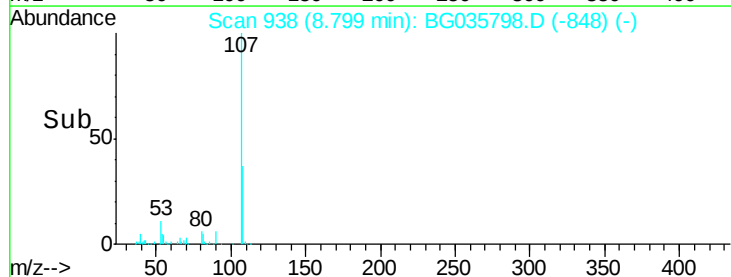
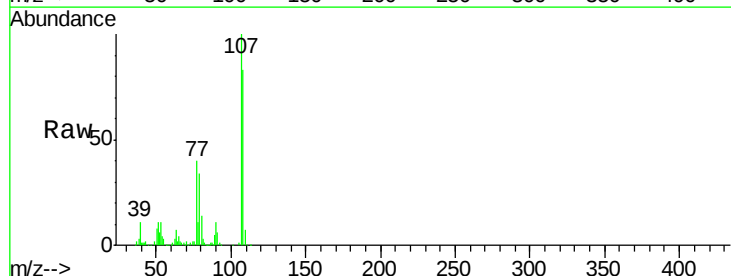
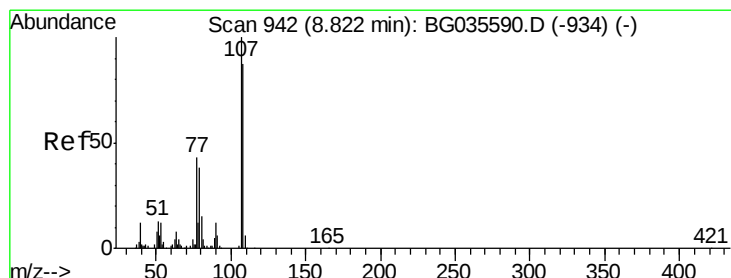
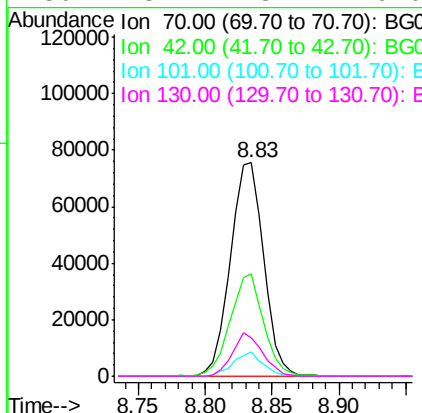




#19
n-Nitroso-di-n-propylamine
Concen: 34.054 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

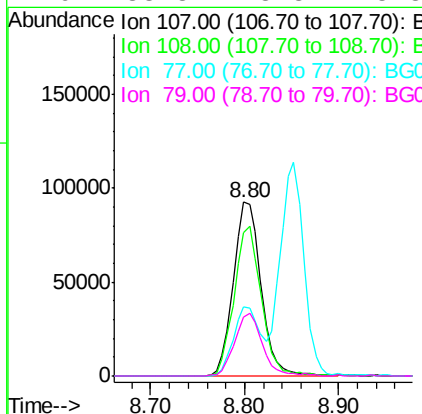
Instrument :
BNA_G
ClientSampleId :
PB111227BS

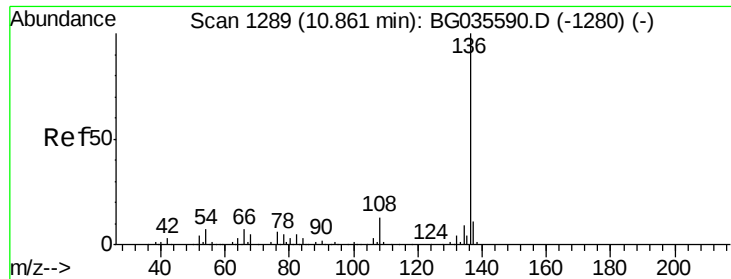
Tgt Ion: 70 Resp: 131417
Ion Ratio Lower Upper
70 100
42 48.0 49.1 73.7#
101 11.2 8.5 12.7
130 18.2 13.4 20.0



#20
3+4-Methylphenols
Concen: 43.558 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion: 107 Resp: 190218
Ion Ratio Lower Upper
107 100
108 82.9 61.6 101.6
77 39.6 13.9 53.9
79 33.8 8.8 48.8

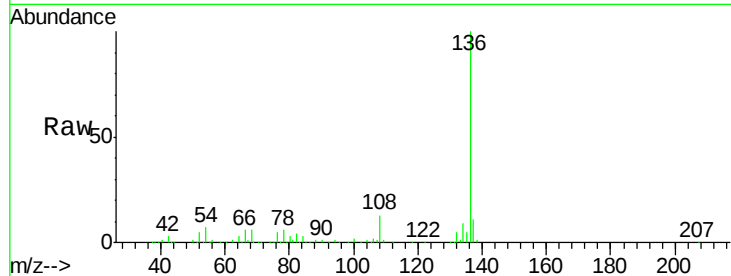




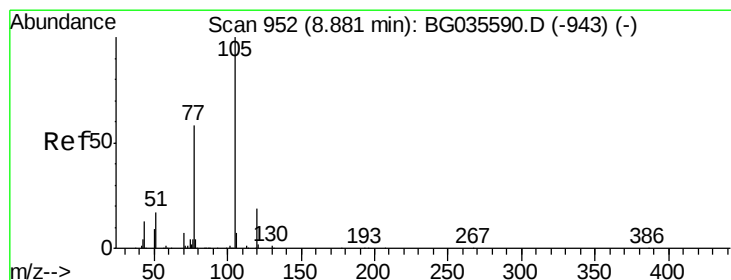
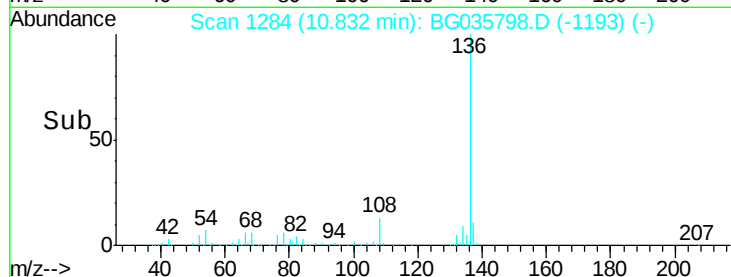
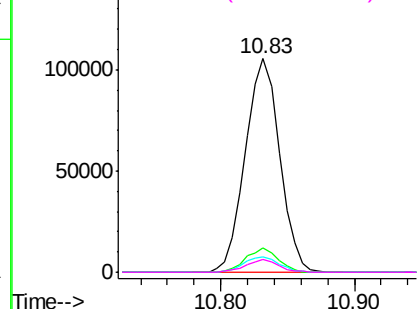
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Instrument :
BNA_G
ClientSampleId :
PB111227BS

Tgt Ion:136 Resp: 187515
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.0 10.3 15.5#
68 5.8 4.5 6.7

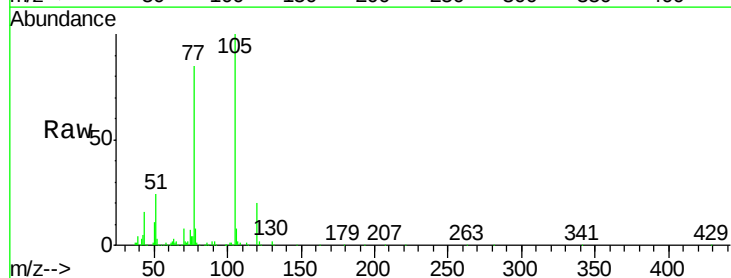


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

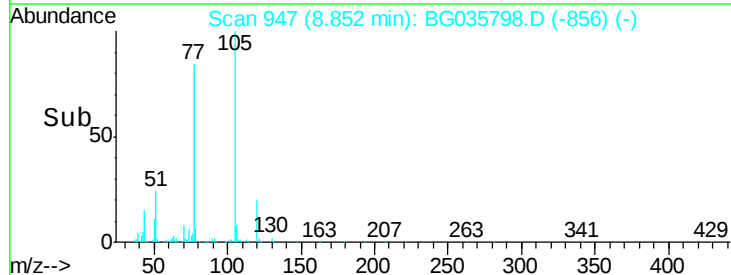
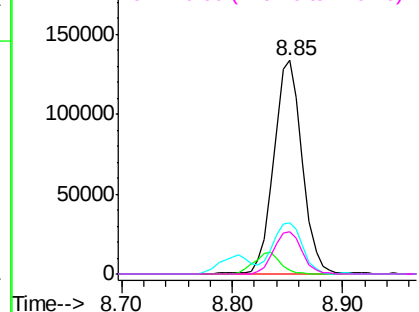


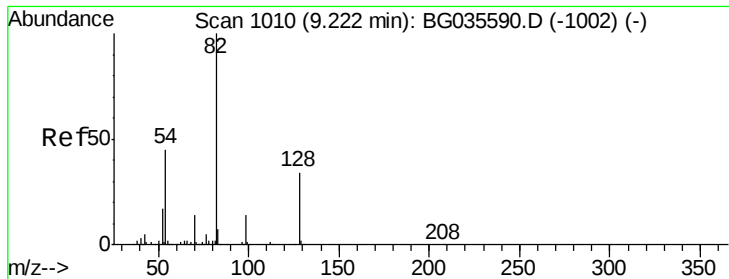
#22
Acetophenone
Concen: 41.080 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion:105 Resp: 239546
Ion Ratio Lower Upper
105 100
71 1.7 3.0 4.4#
51 23.8 26.1 39.1#
120 19.9 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

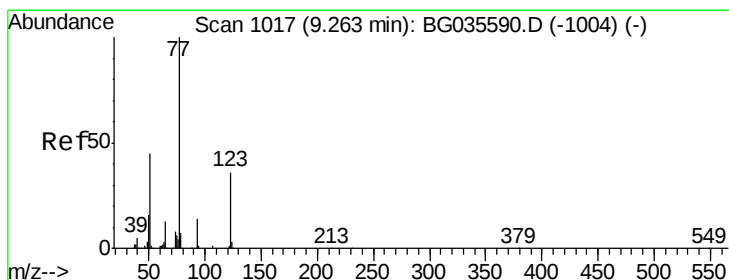
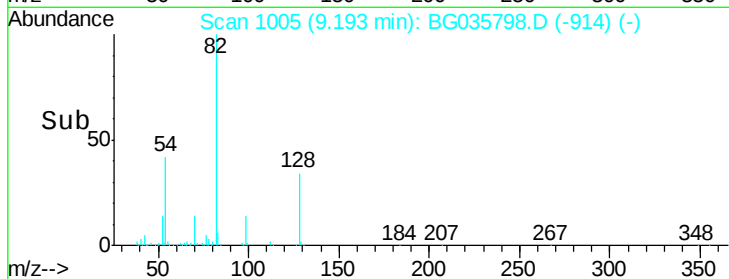
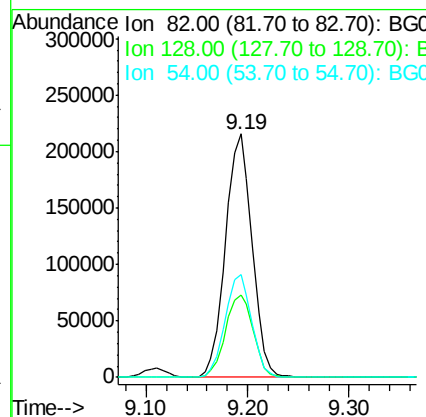
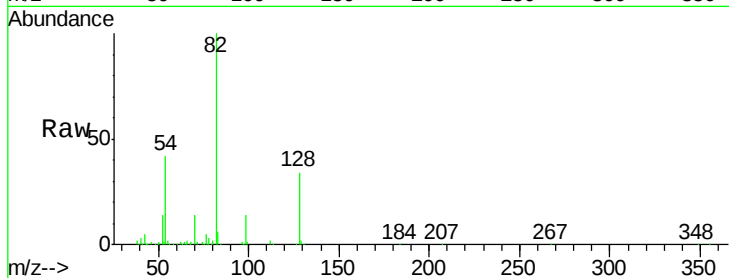




#23
 Nitrobenzene-d5
 Concen: 87.327 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

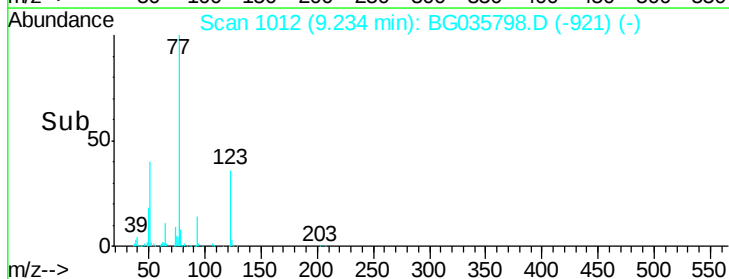
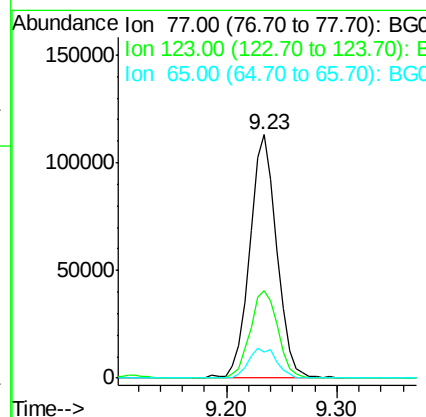
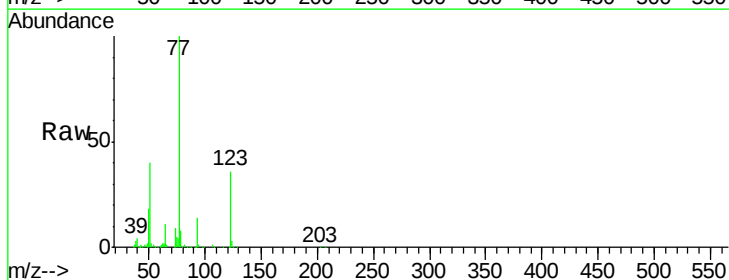
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

Tgt Ion: 82 Resp: 391988
 Ion Ratio Lower Upper
 82 100
 128 34.0 29.7 44.5
 54 42.3 43.1 64.7#



#24
 Nitrobenzene
 Concen: 42.956 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion: 77 Resp: 193915
 Ion Ratio Lower Upper
 77 100
 123 35.7 33.0 49.6
 65 10.8 13.0 19.6#





#25

Isophorone

Concen: 44.571 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

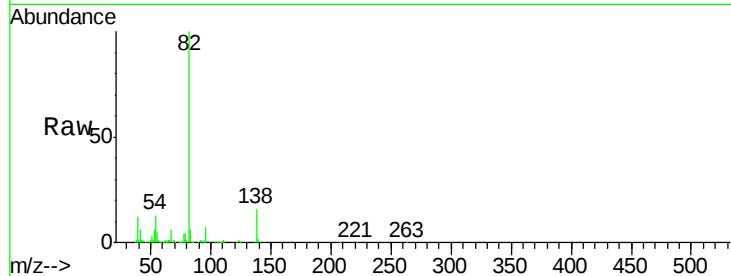
Tgt Ion: 82 Resp: 371388

Ion Ratio Lower Upper

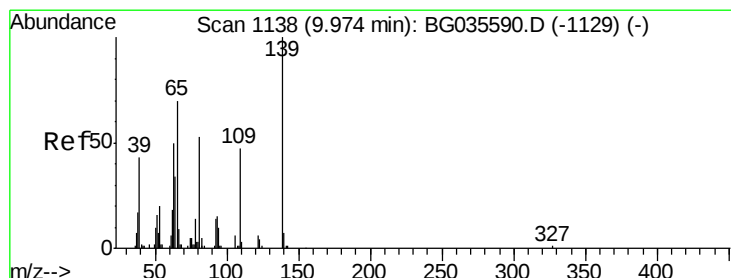
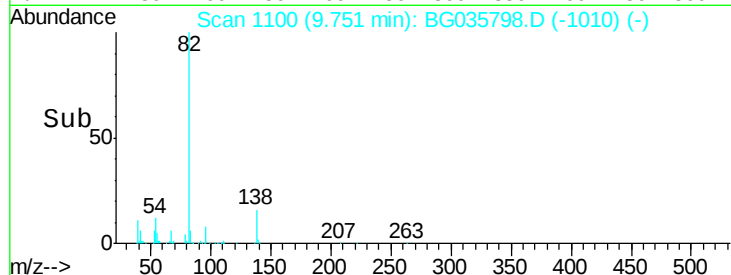
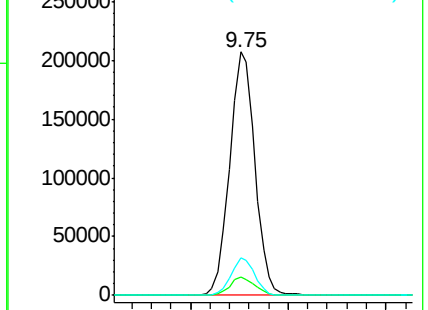
82 100

95 7.4 6.2 9.2

138 15.5 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: 51.720 ng

RT: 9.94 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

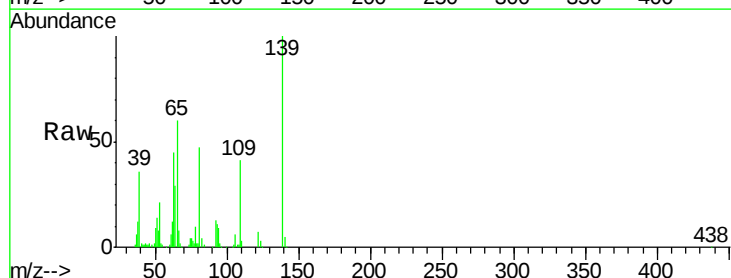
Tgt Ion: 139 Resp: 82920

Ion Ratio Lower Upper

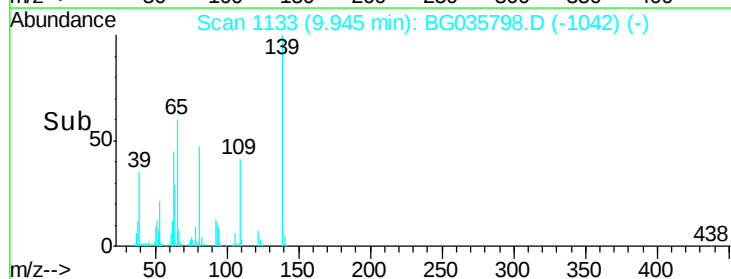
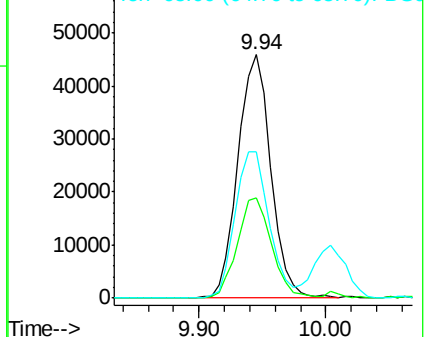
139 100

109 41.0 24.2 36.2#

65 60.1 47.4 71.0



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

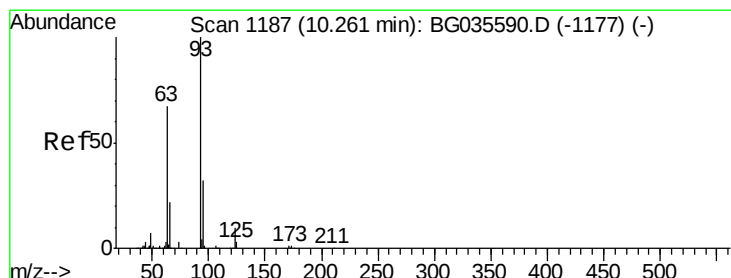
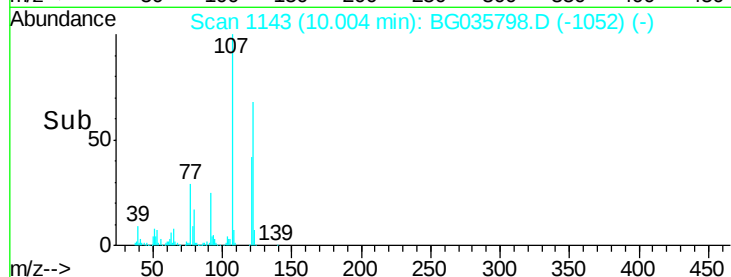
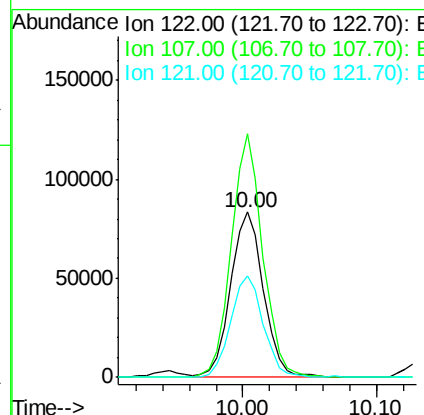
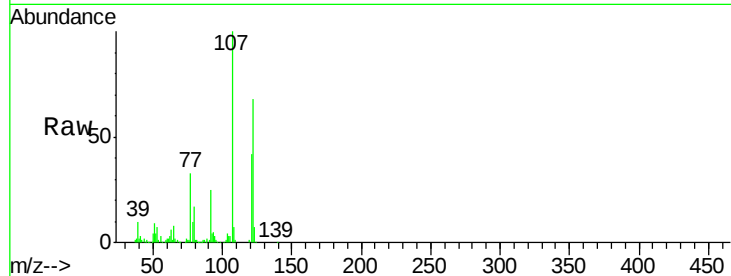




#27
2,4-Dimethylphenol
Concen: 52.466 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

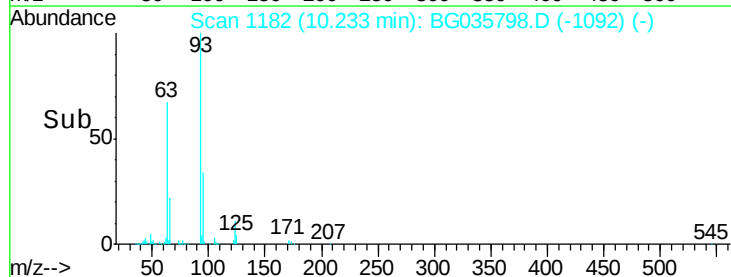
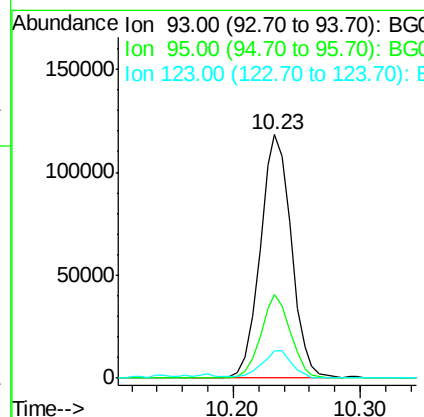
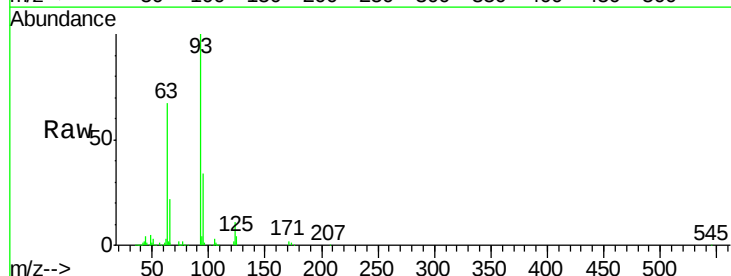
Instrument :
BNA_G
ClientSampleId :
PB111227BS

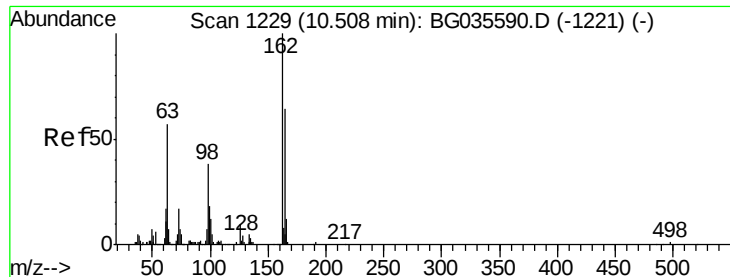
Tgt Ion	Ratio	Lower	Upper
122	100		
107	147.3	100.2	150.2
121	61.4	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.859 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	24.3	36.5
123	11.3	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 51.287 ng

RT: 10.49 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

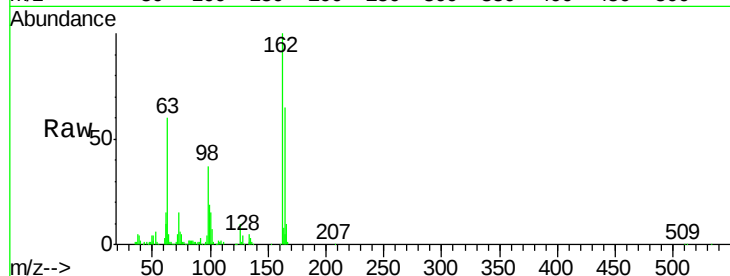
Tgt Ion:162 Resp: 158882

Ion Ratio Lower Upper

162 100

164 65.4 48.0 88.0

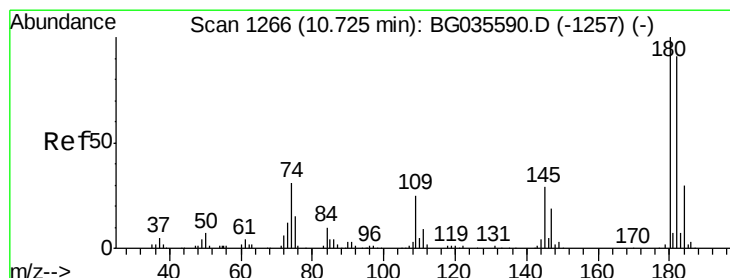
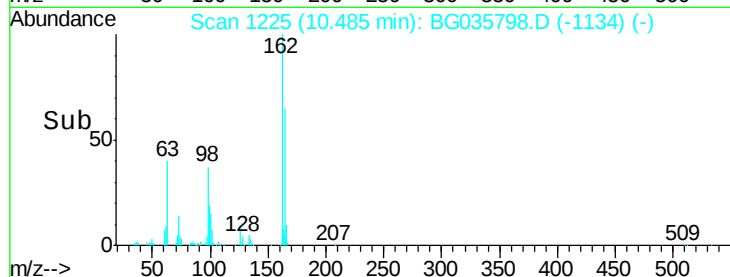
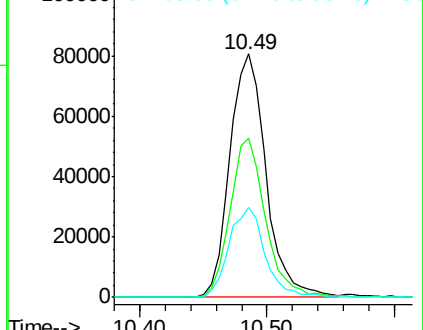
98 37.1 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.474 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

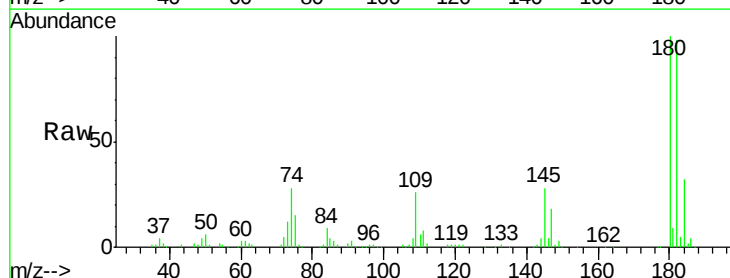
Tgt Ion:180 Resp: 172742

Ion Ratio Lower Upper

180 100

182 97.8 77.5 116.3

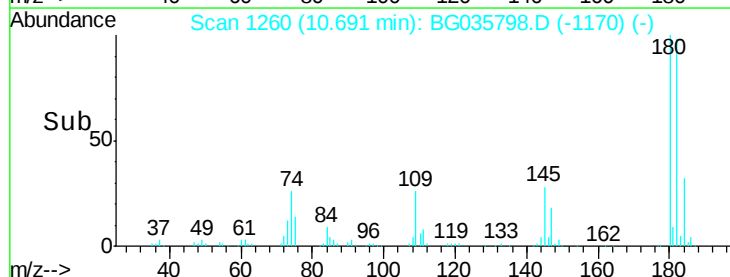
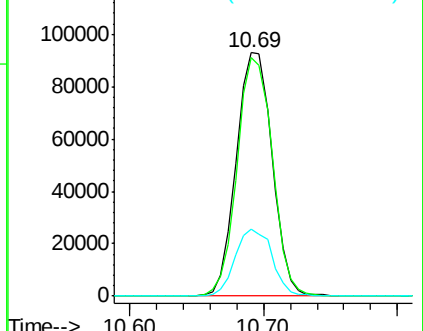
145 27.6 23.4 35.2

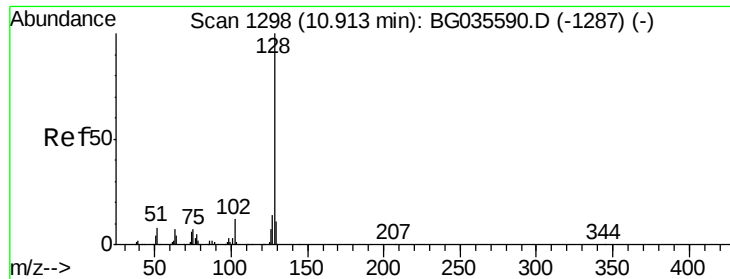


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

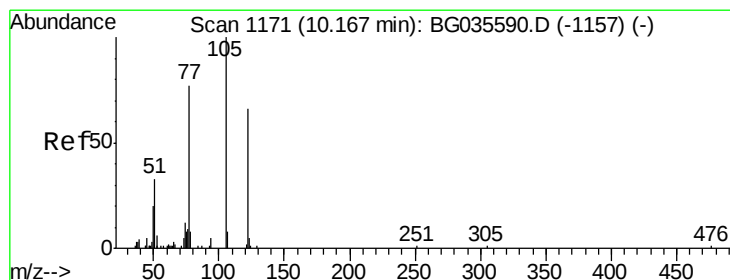
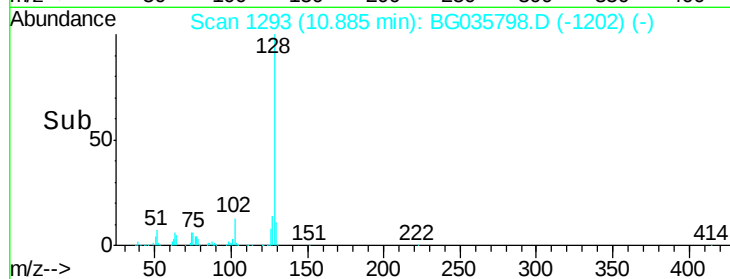
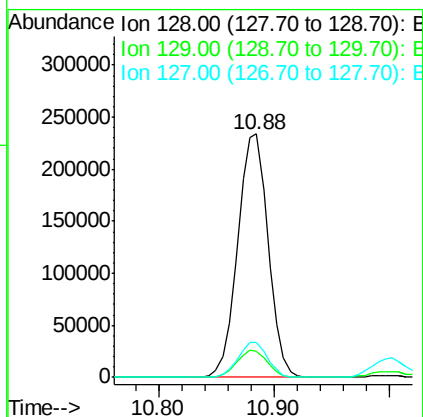
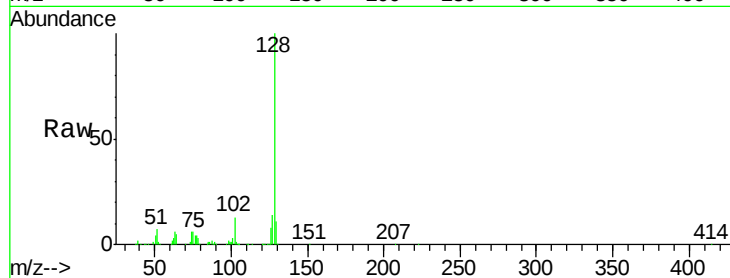




#31
Naphthalene
Concen: 43.679 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

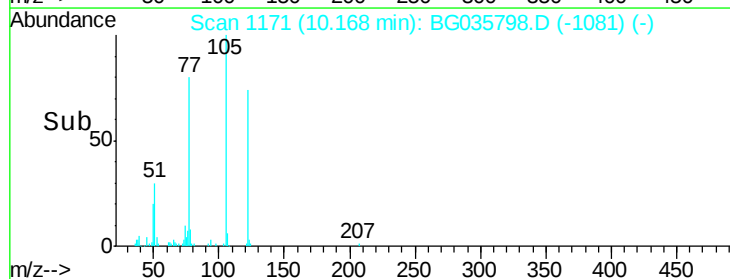
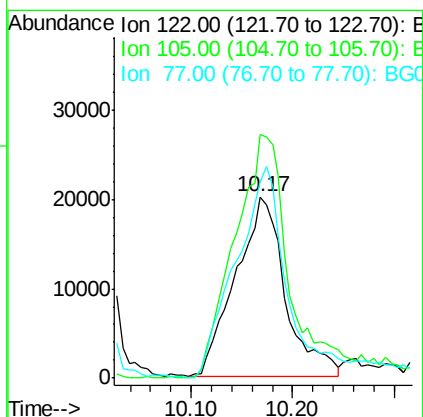
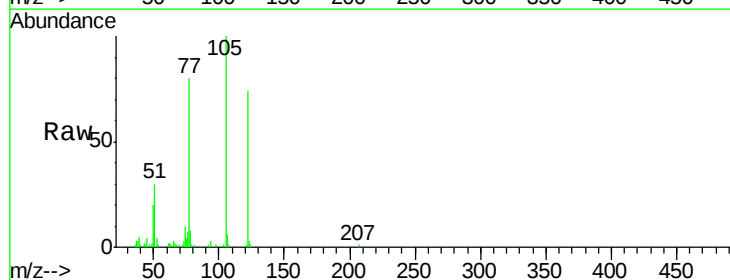
Instrument :
BNA_G
ClientSampleId :
PB111227BS

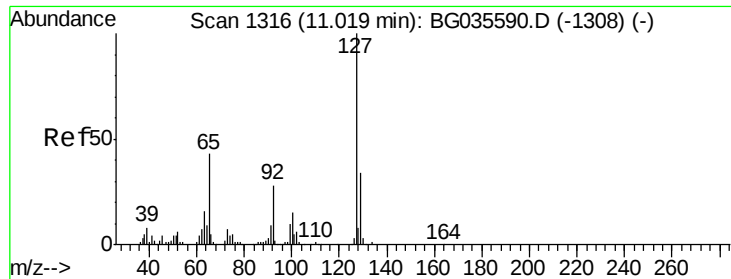
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	14.5	11.6	17.4



#32
Benzoic acid
Concen: 37.650 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	123.5	163.5
77	108.1	85.7	125.7

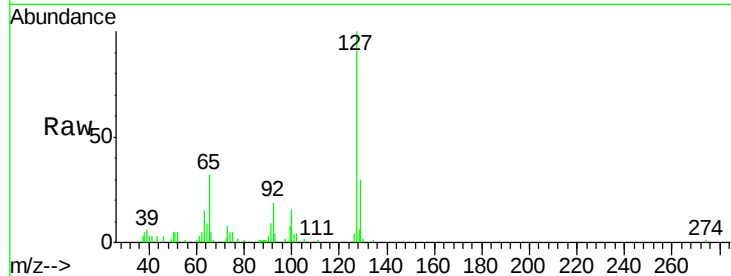




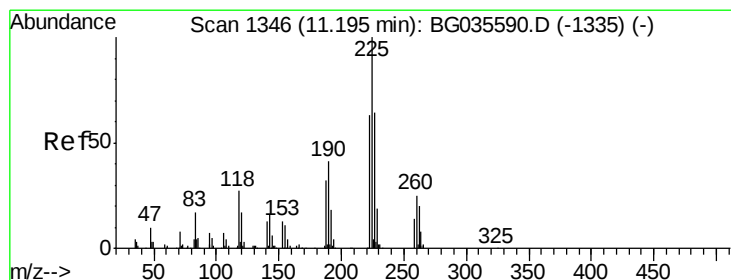
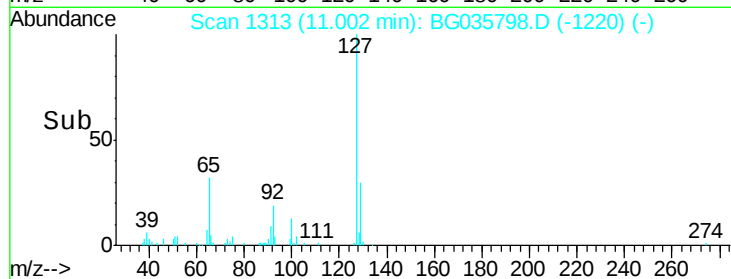
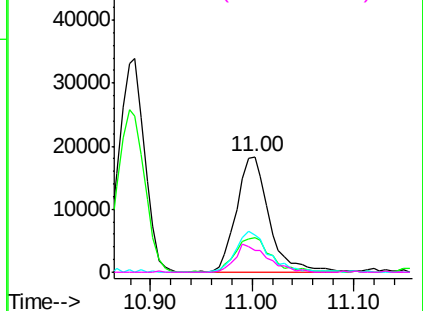
#33
4-Chloroaniline
Concen: 9.648 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Instrument :
BNA_G
ClientSampleId :
PB111227BS

Tgt Ion:	127	Resp:	41076
Ion	Ratio	Lower	Upper
127	100		
129	30.2	24.0	36.0
65	32.3	27.0	40.4
92	18.8	16.6	25.0

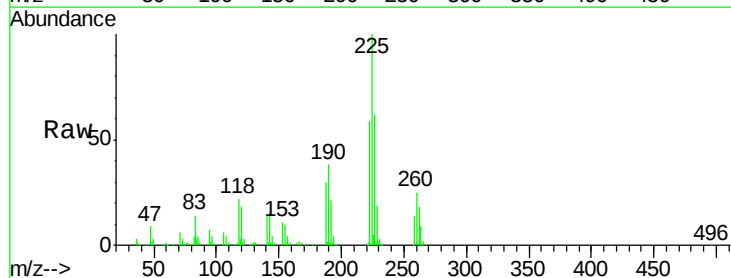


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

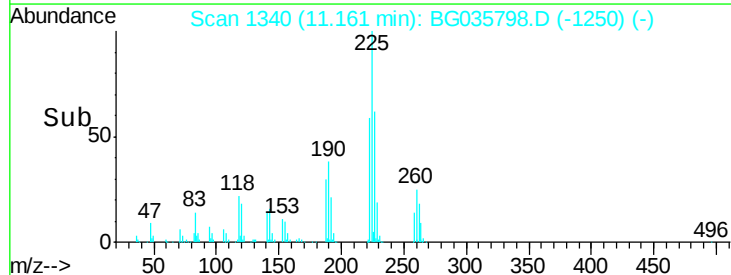
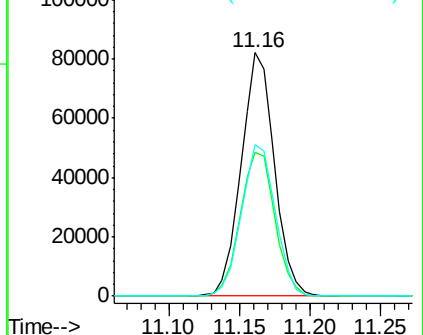


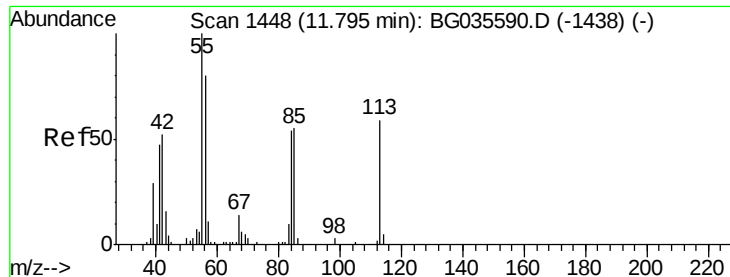
#34
Hexachlorobutadiene
Concen: 45.599 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion:	225	Resp:	135073
Ion	Ratio	Lower	Upper
225	100		
223	59.3	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: 22.720 ng

RT: 11.77 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

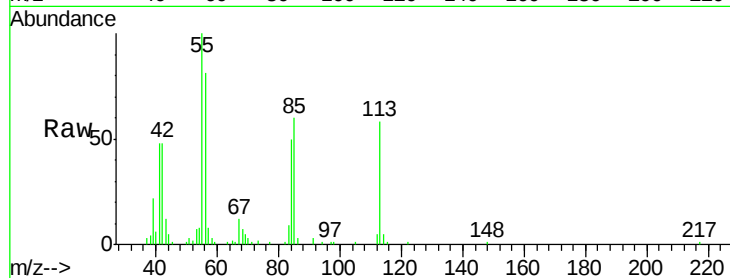
Tgt Ion:113 Resp: 30205

Ion Ratio Lower Upper

113 100

55 171.9 186.9 226.9#

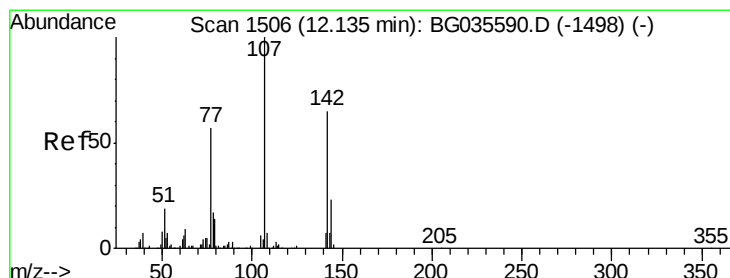
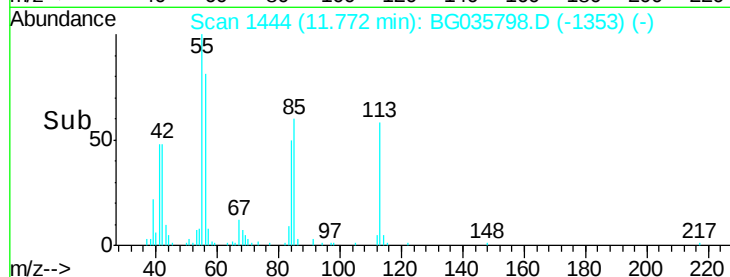
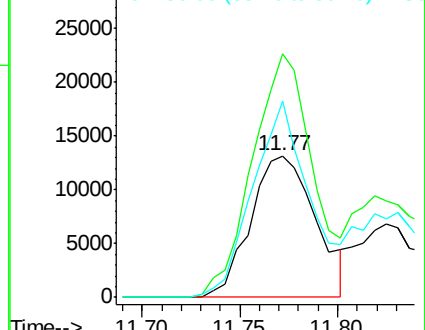
56 138.5 130.9 170.9



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: 46.663 ng

RT: 12.12 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

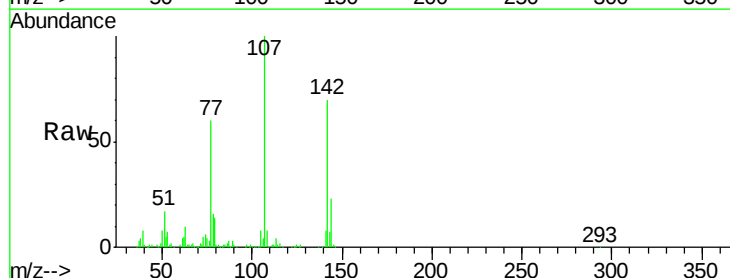
Tgt Ion:107 Resp: 193767

Ion Ratio Lower Upper

107 100

144 22.5 18.2 27.4

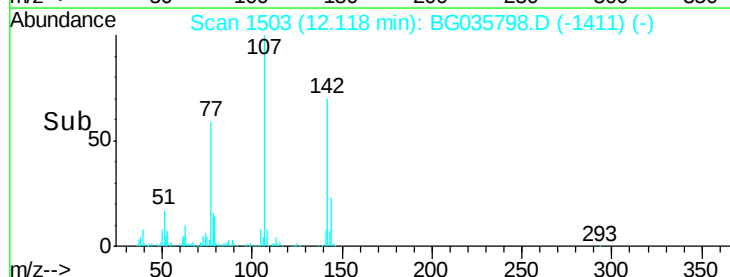
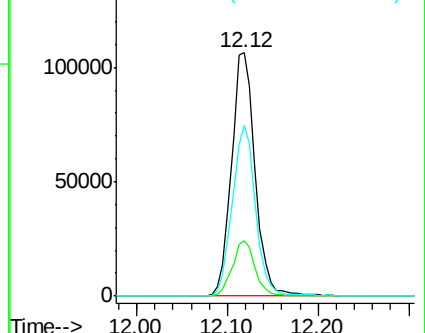
142 69.9 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

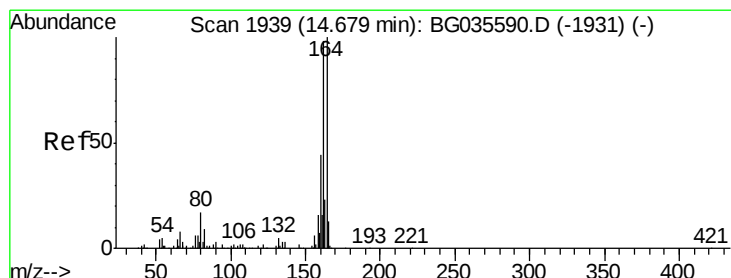
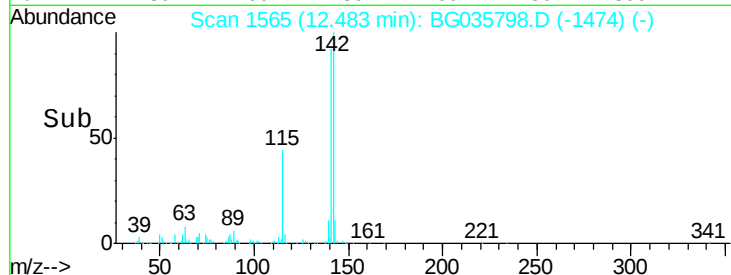
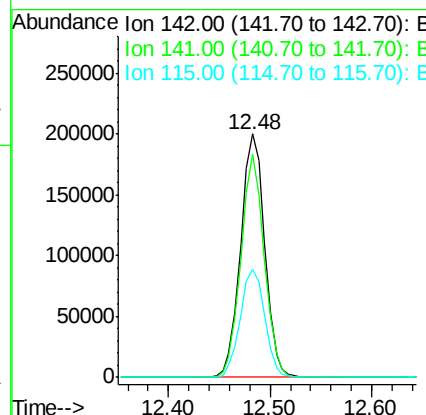
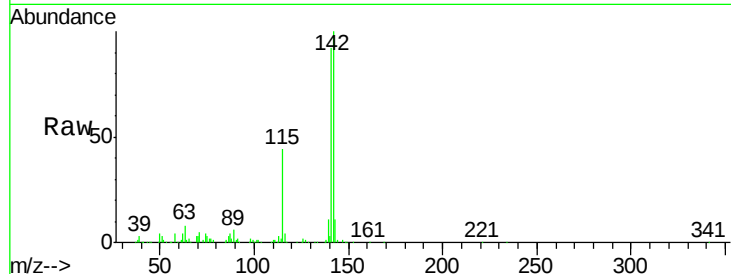




#37
 2-Methylnaphthalene
 Concen: 45.480 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

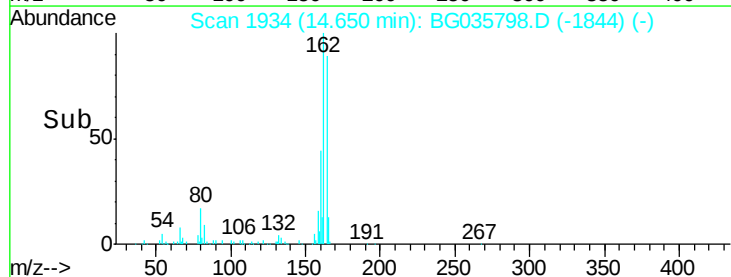
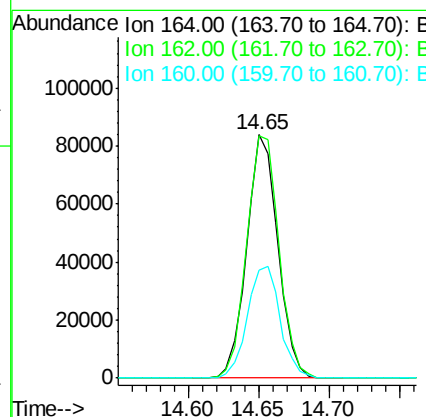
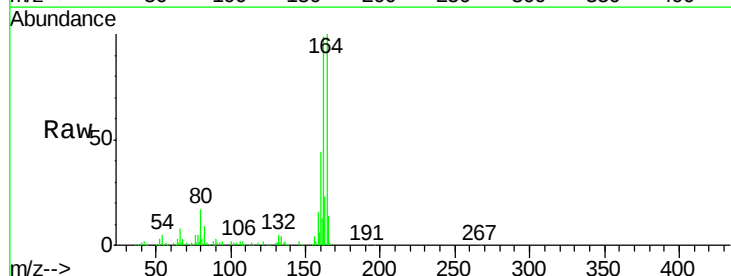
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	67.1	100.7
115	44.4	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	44.1	35.4	53.0

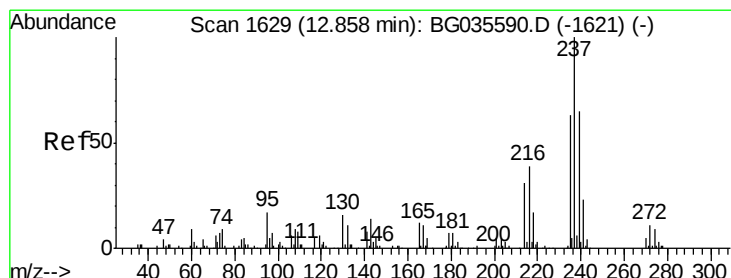
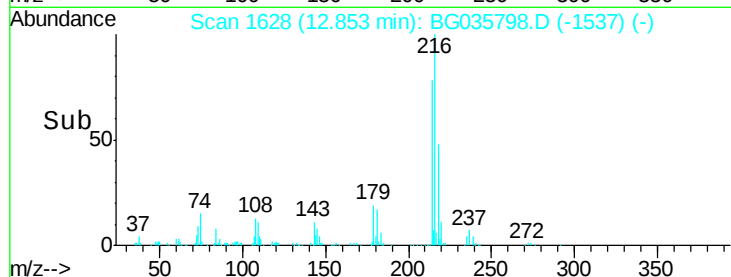
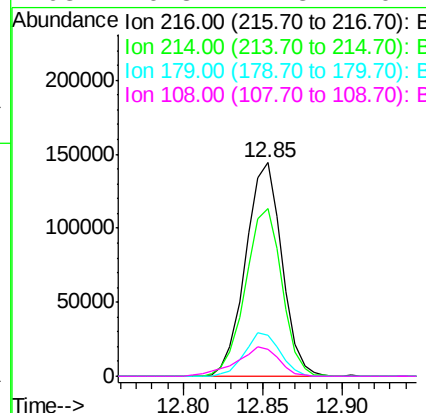
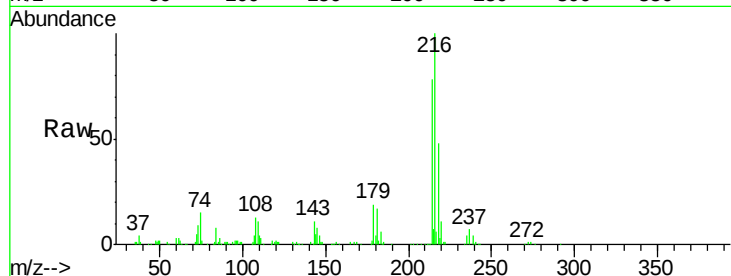




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.849 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

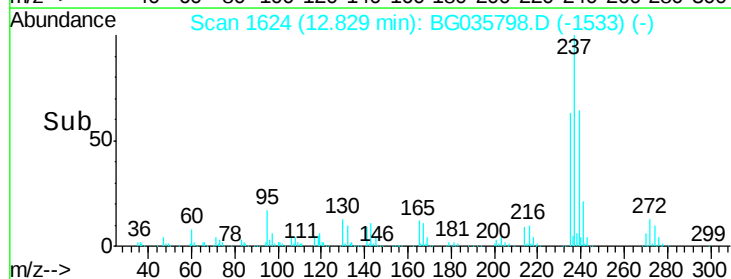
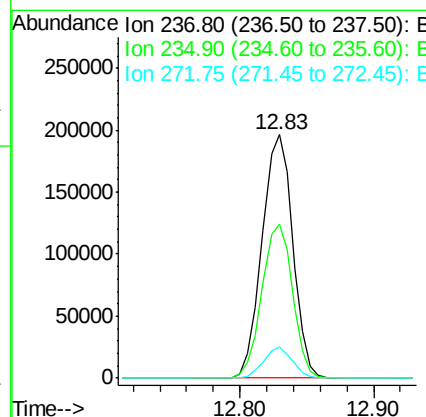
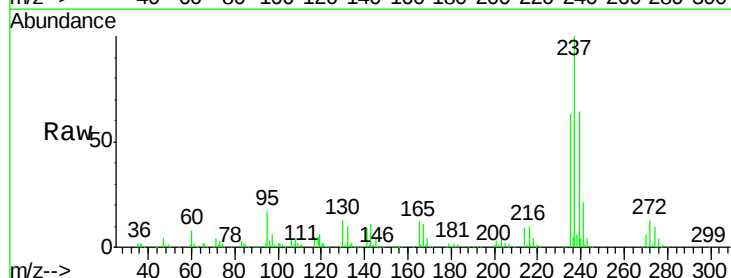
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

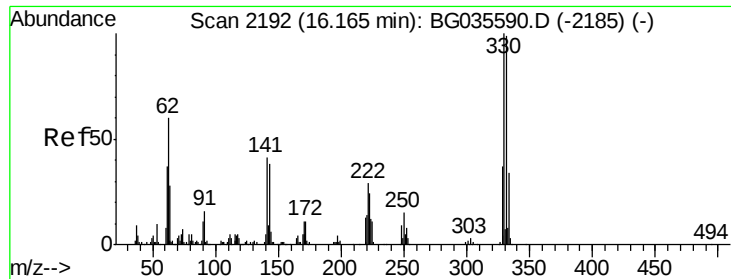
Tgt Ion:	216	Resp:	228932
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	19.9	17.0	25.6
108	16.3	12.8	19.2



#40
 Hexachlorocyclopentadiene
 Concen: 121.178 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion:	237	Resp:	310547
Ion	Ratio	Lower	Upper
237	100		
235	63.2	50.4	90.4
272	12.7	0.0	31.8

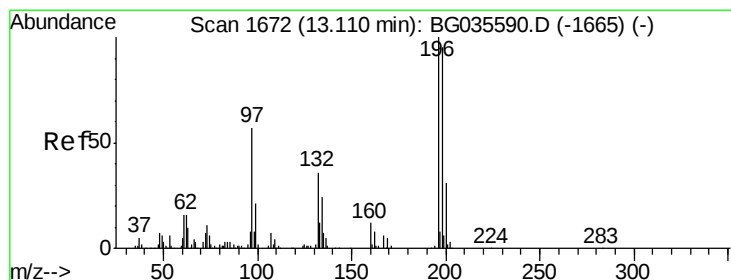
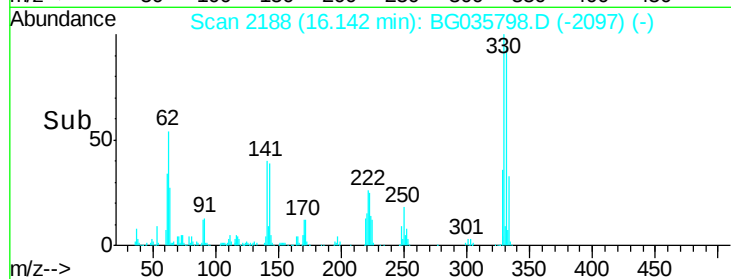
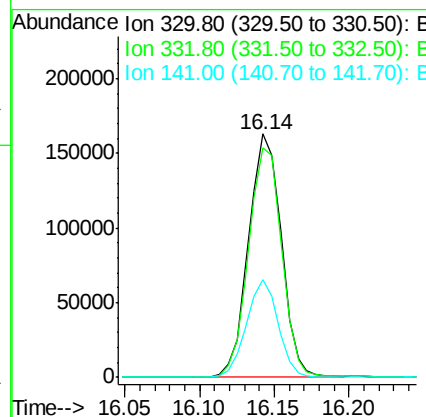
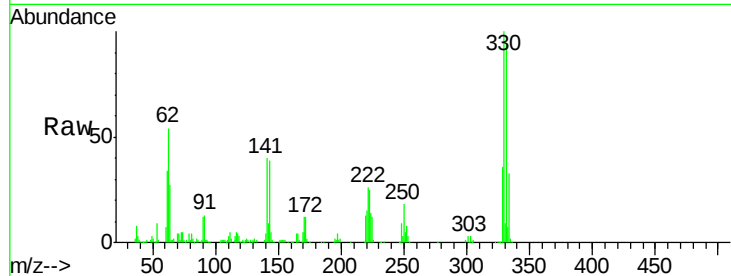




#41
 2,4,6-Tribromophenol
 Concen: 144.784 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

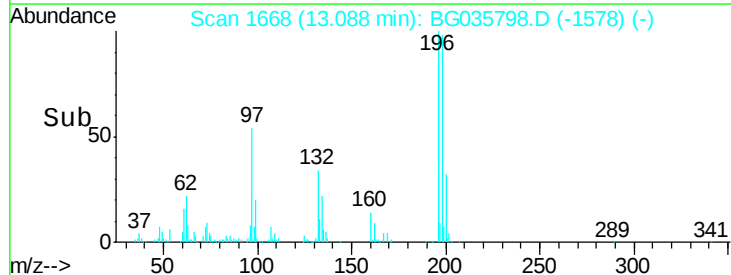
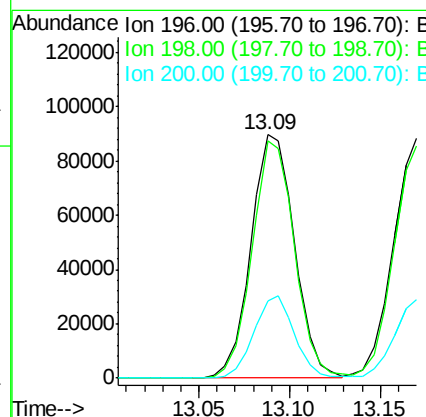
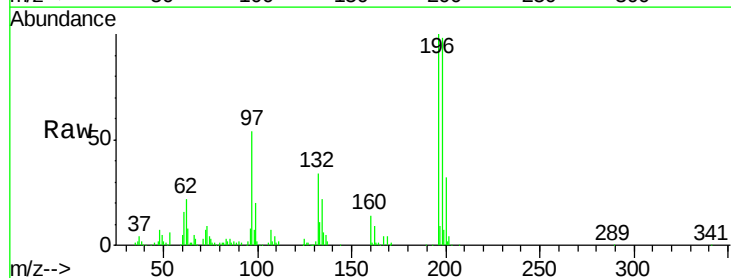
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

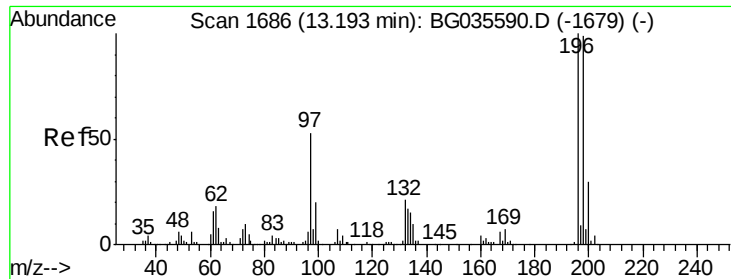
Tgt Ion:330 Resp: 247070
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.9 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 52.487 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion:196 Resp: 149992
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.2 117.2
 200 31.9 24.6 36.8

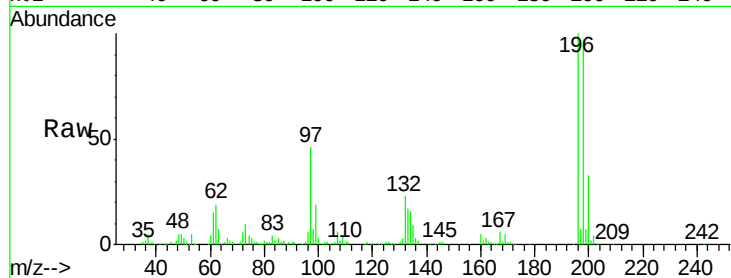




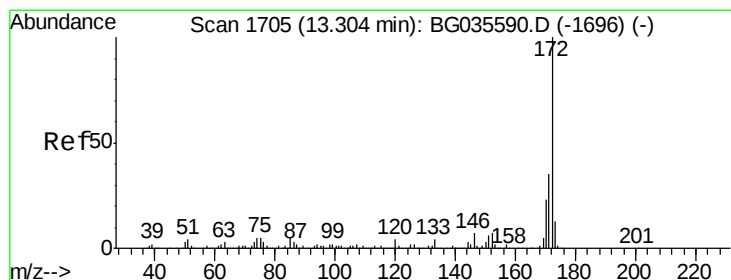
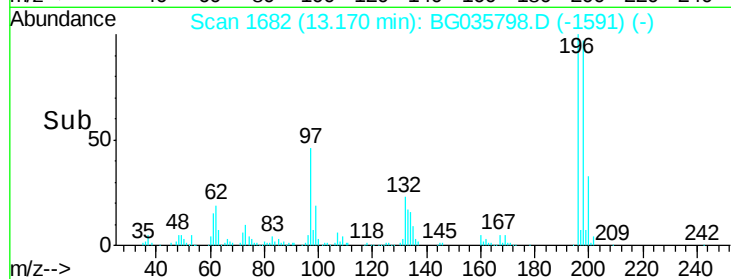
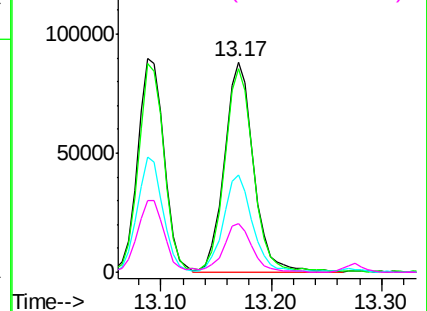
#43
 2,4,5-Trichlorophenol
 Concen: 50.557 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

Tgt Ion:	196	Resp:	161624
Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.2	114.4
97	46.2	38.7	58.1
132	23.4	20.2	30.2

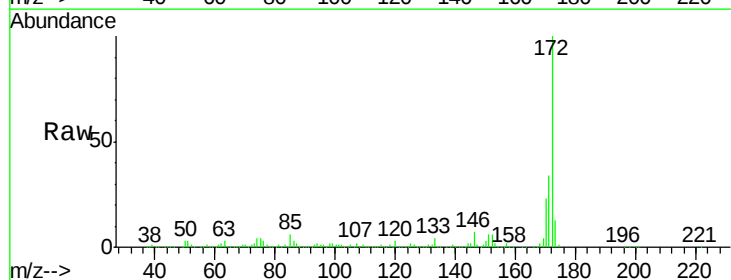


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

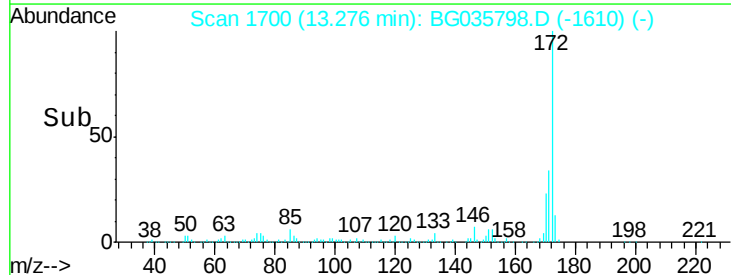
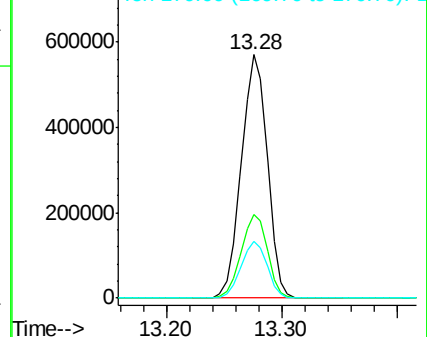


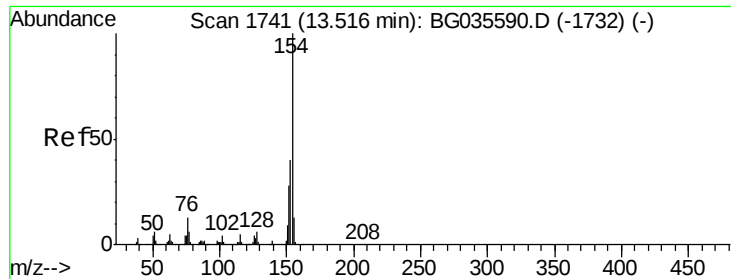
#44
 2-Fluorobiphenyl
 Concen: 91.736 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion:	172	Resp:	886504
Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.1	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

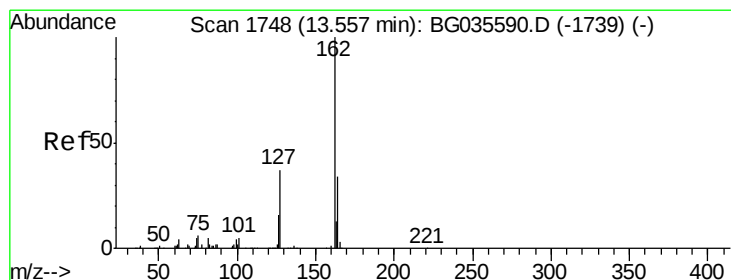
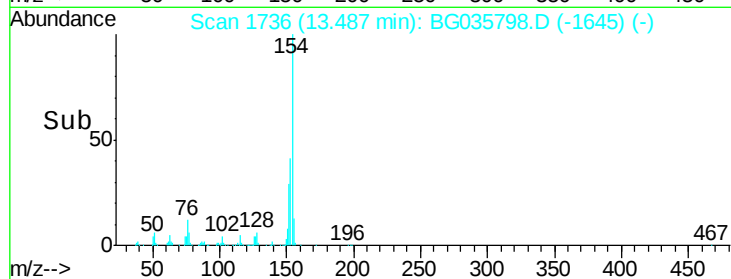
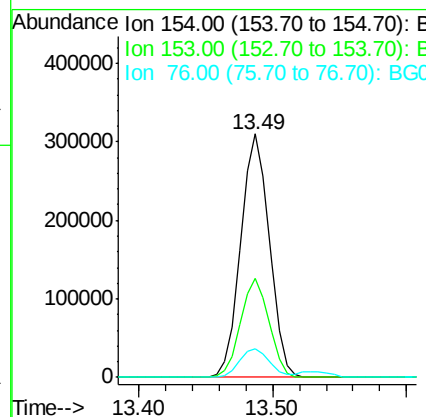
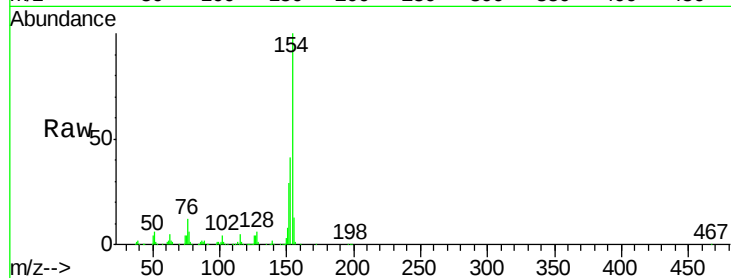




#45
 1,1'-Biphenyl
 Concen: 45.924 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

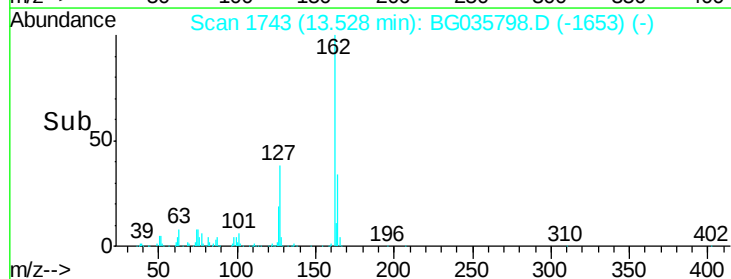
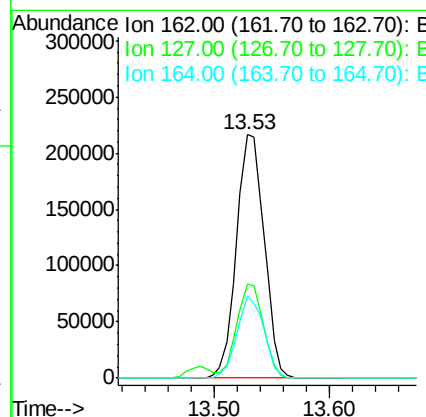
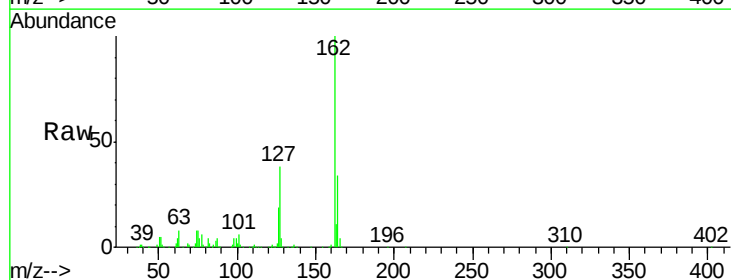
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

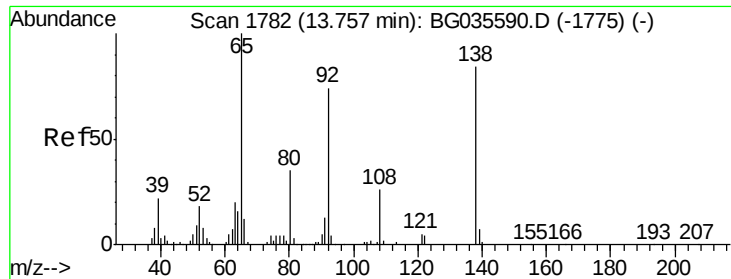
Tgt Ion:154 Resp: 460969
 Ion Ratio Lower Upper
 154 100
 153 40.7 19.8 59.8
 76 12.0 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 46.155 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion:162 Resp: 360361
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.7 46.1
 164 33.9 26.0 39.0

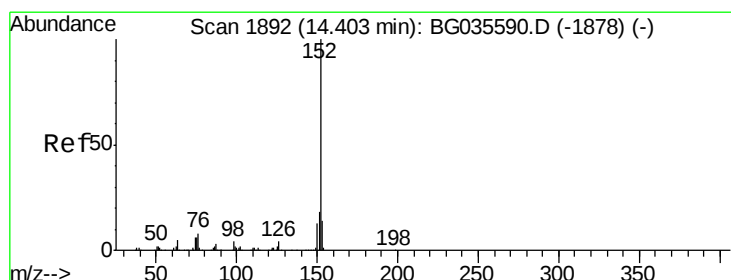
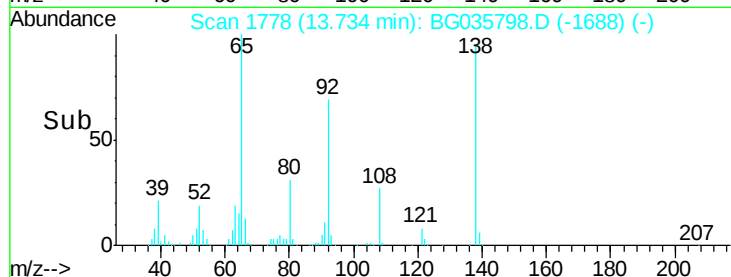
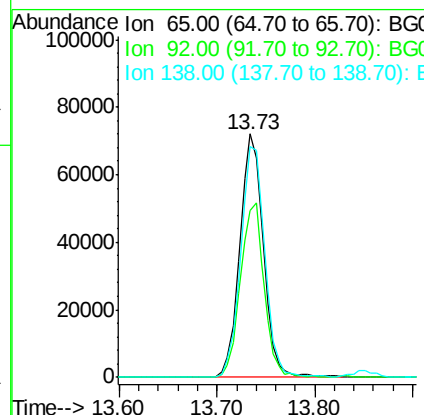
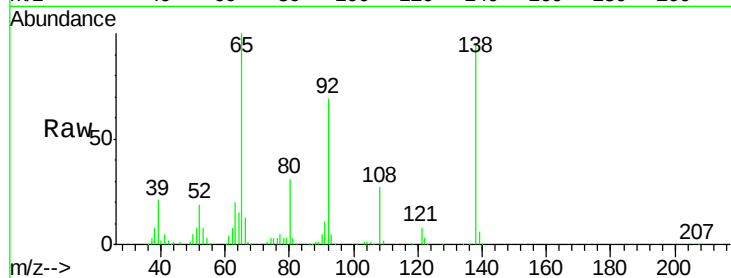




#47
2-Nitroaniline
Concen: 43.548 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

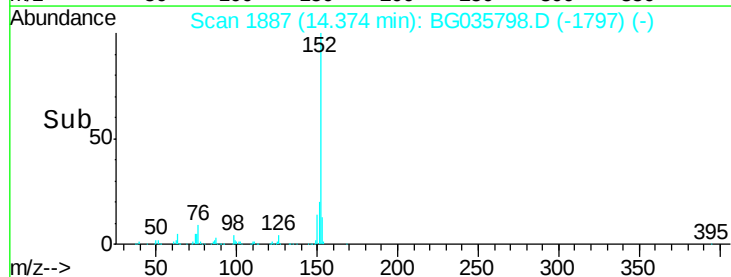
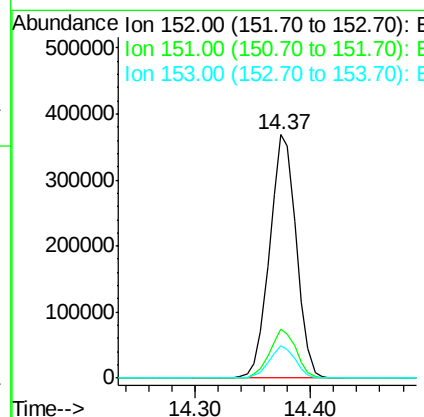
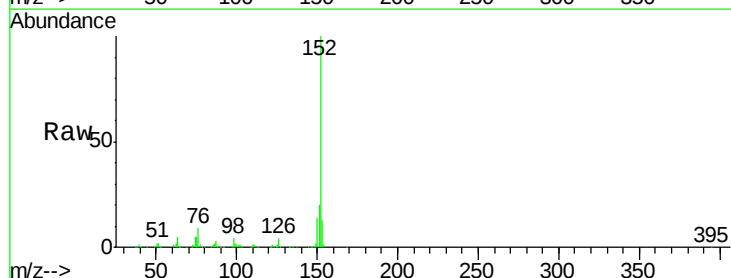
Instrument :
BNA_G
ClientSampleId :
PB111227BS

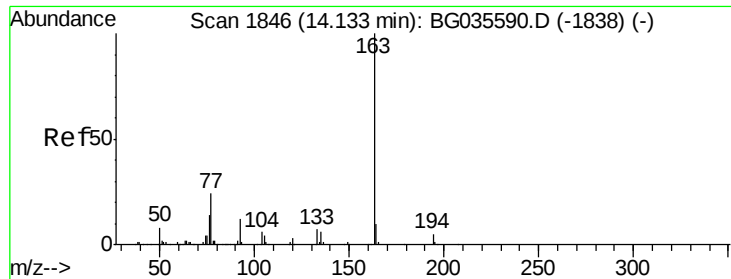
Tgt Ion: 65 Resp: 120204
Ion Ratio Lower Upper
65 100
92 68.6 54.6 82.0
138 95.1 72.9 109.3



#48
Acenaphthylene
Concen: 45.305 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion: 152 Resp: 592528
Ion Ratio Lower Upper
152 100
151 20.2 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 43.083 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

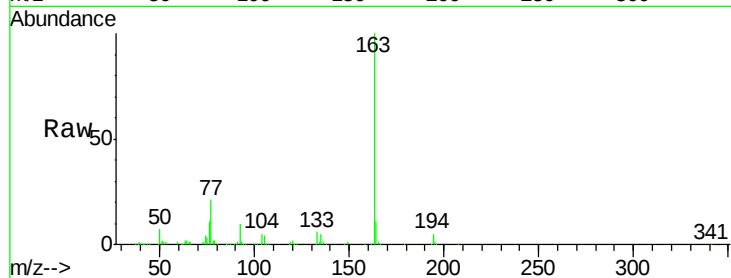
Tgt Ion:163 Resp: 488707

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

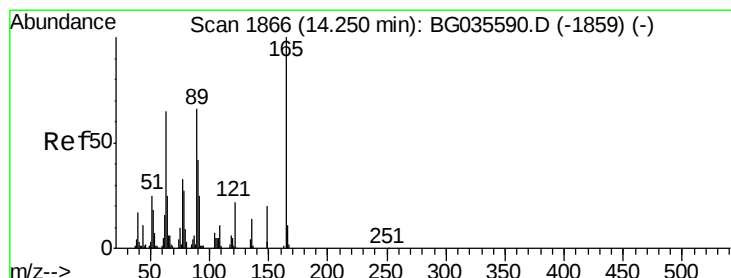
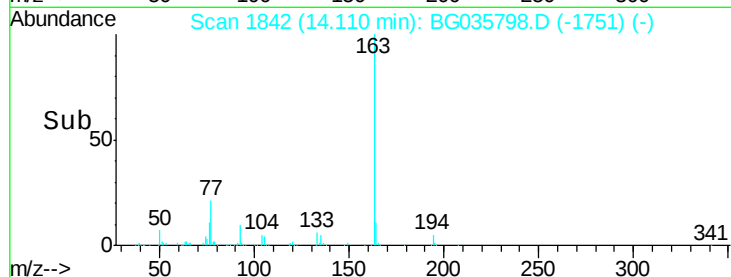
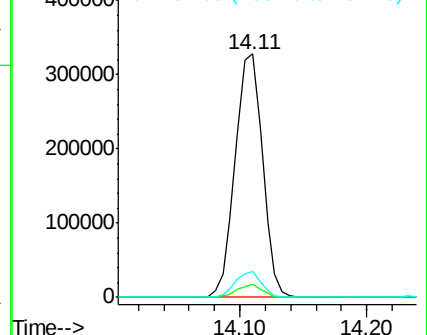
164 10.7 8.2 12.4



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: 48.870 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

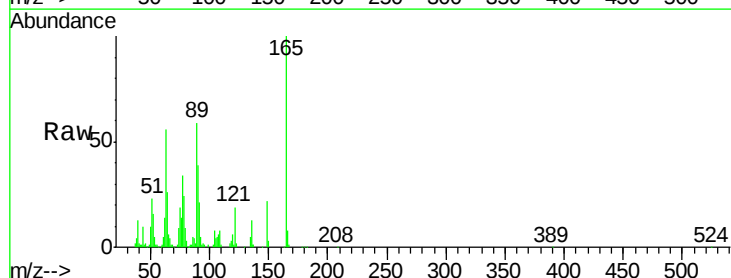
Tgt Ion:165 Resp: 112887

Ion Ratio Lower Upper

165 100

63 55.7 52.7 79.1

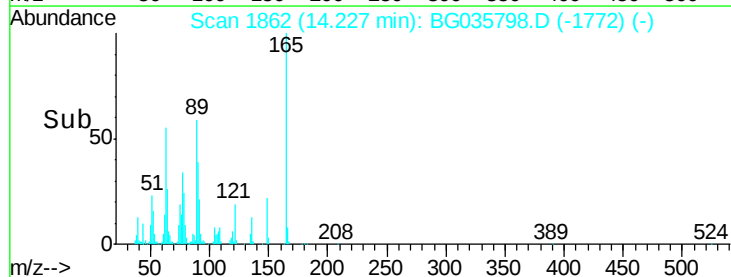
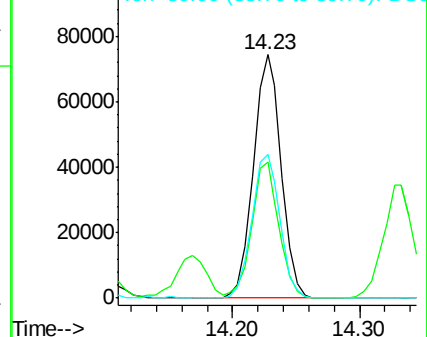
89 59.3 49.2 73.8

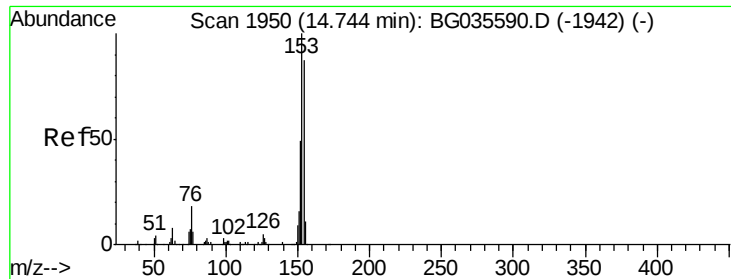


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.742 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

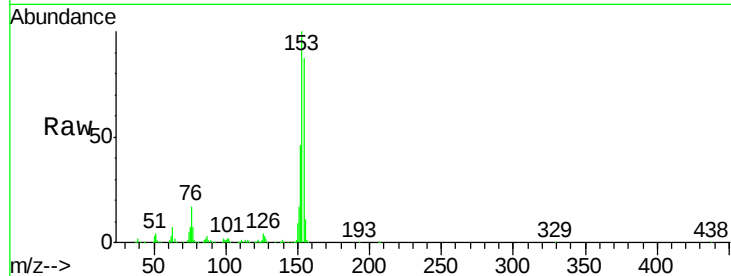
Tgt Ion:154 Resp: 340077

Ion Ratio Lower Upper

154 100

153 114.9 90.4 135.6

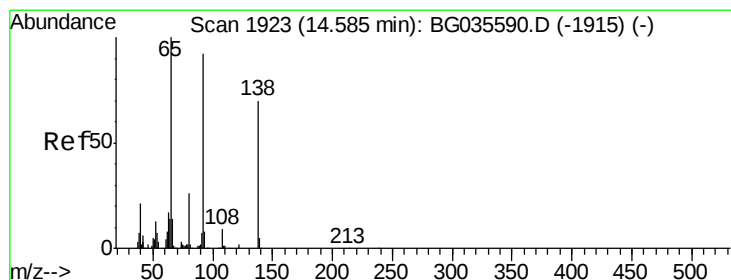
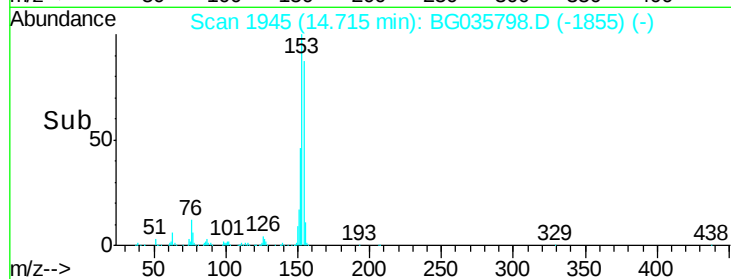
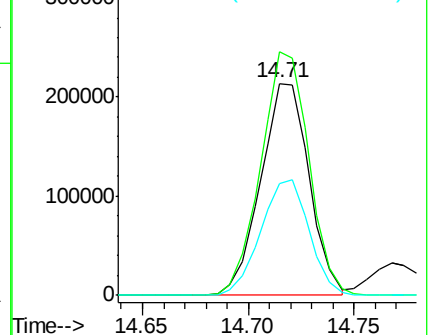
152 53.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.078 ng

RT: 14.56 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

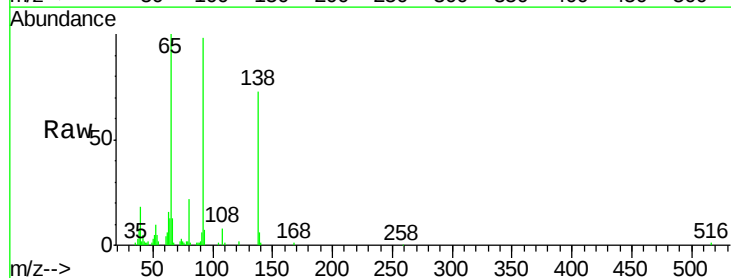
Tgt Ion:138 Resp: 42681

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

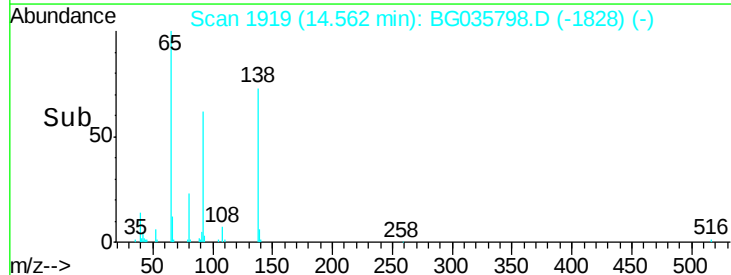
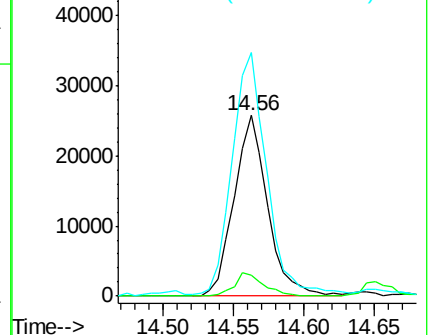
92 134.6 105.8 158.8

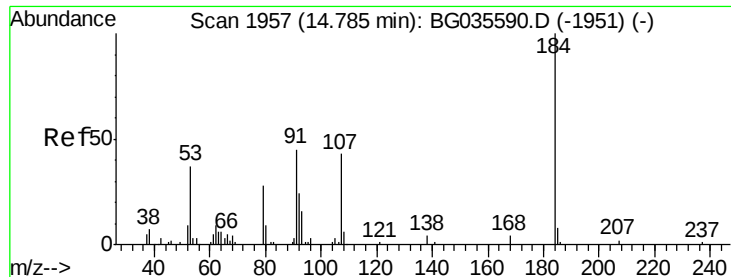


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

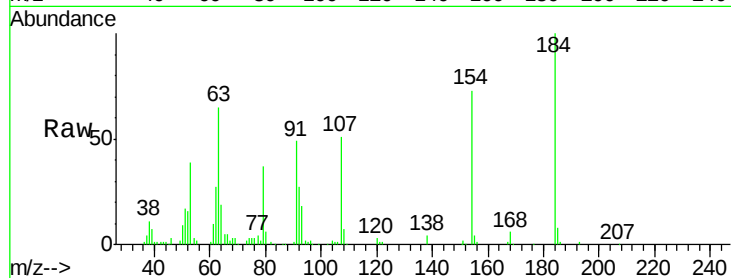




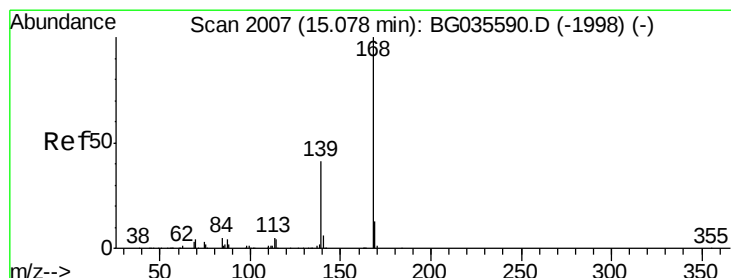
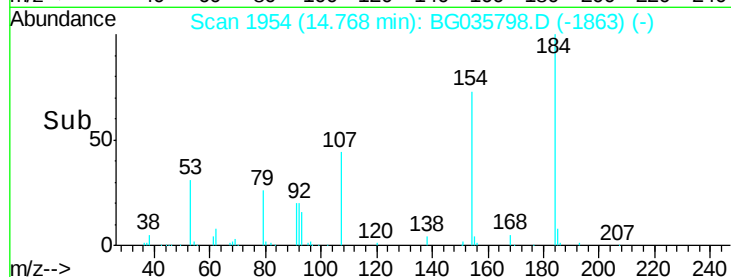
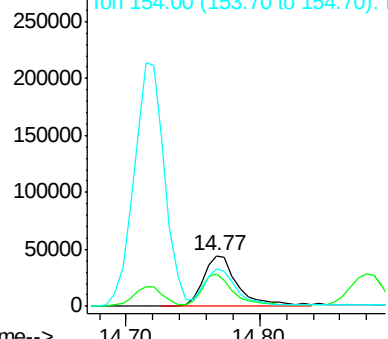
#53
2,4-Dinitrophenol
Concen: 68.072 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Instrument :
BNA_G
ClientSampleId :
PB111227BS

Tgt Ion:184 Resp: 79589
Ion Ratio Lower Upper
184 100
63 64.8 59.8 89.8
154 73.2 101.8 152.8#

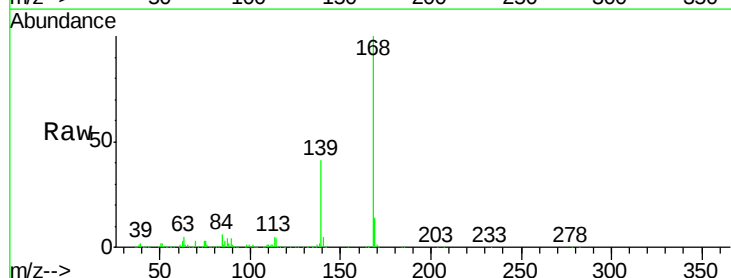


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

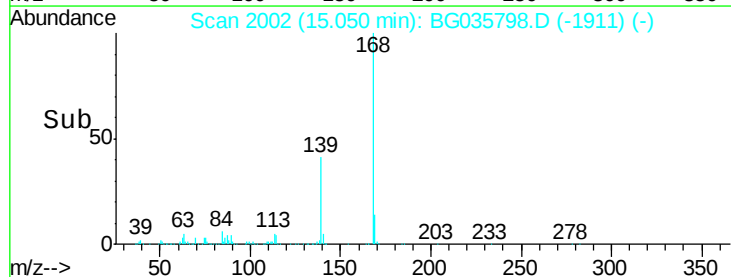
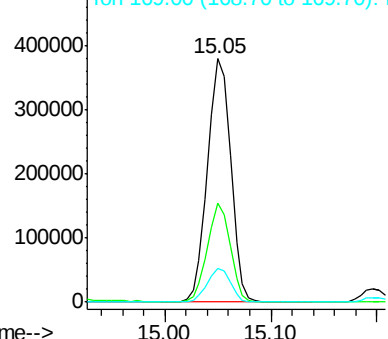


#54
Dibenzofuran
Concen: 44.458 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion:168 Resp: 576044
Ion Ratio Lower Upper
168 100
139 40.6 28.6 43.0
169 13.7 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

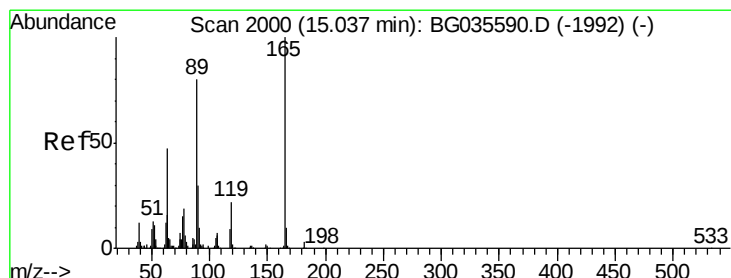
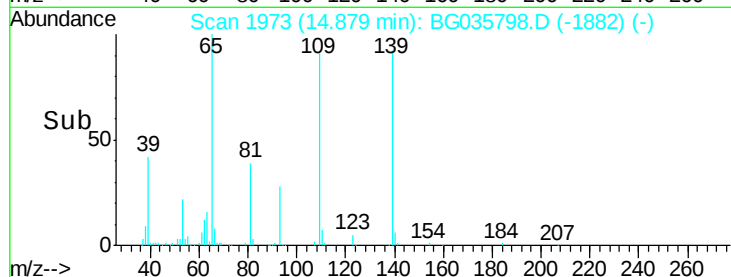
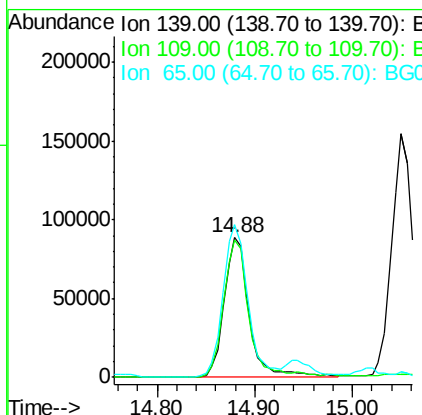
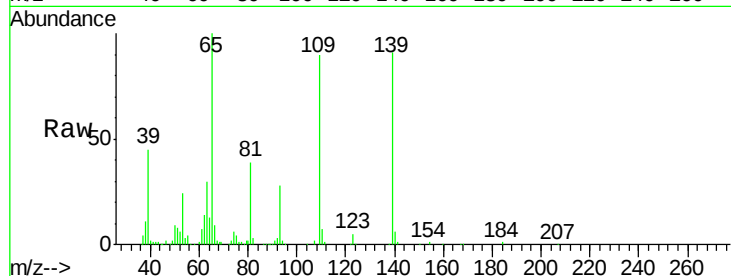




#55
4-Nitrophenol
Concen: 93.737 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

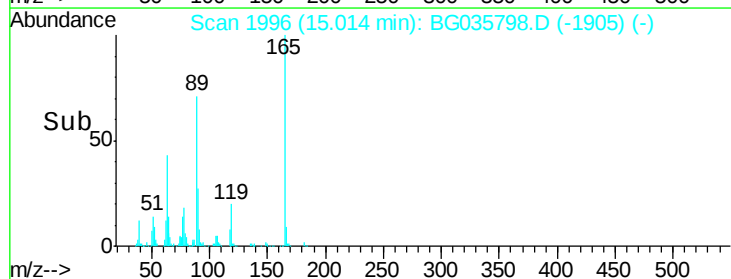
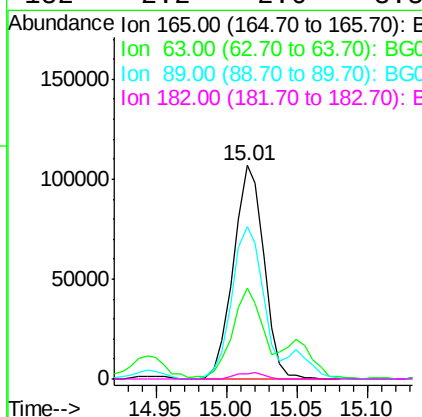
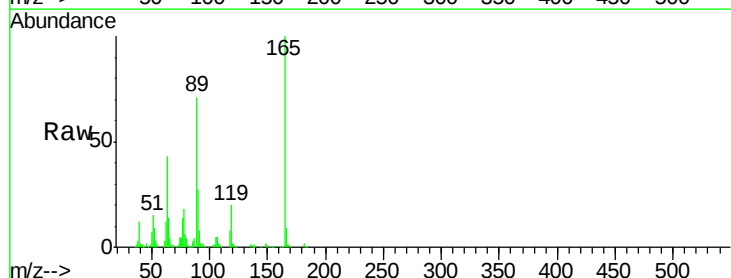
Instrument :
BNA_G
ClientSampleId :
PB111227BS

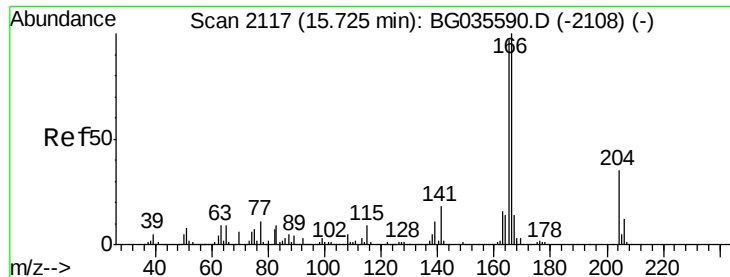
Tgt Ion:139 Resp: 157604
Ion Ratio Lower Upper
139 100
109 98.4 62.2 102.2
65 109.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 48.594 ng
RT: 15.01 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion:165 Resp: 161036
Ion Ratio Lower Upper
165 100
63 42.7 42.0 63.0
89 71.4 66.9 100.3
182 2.2 2.6 3.8#





#57

Fluorene

Concen: 43.665 ng

RT: 15.70 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

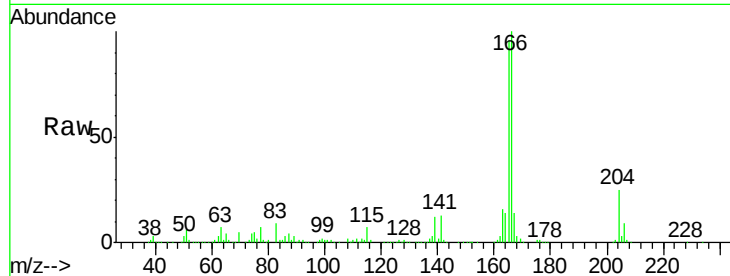
Tgt Ion:166 Resp: 474202

Ion Ratio Lower Upper

166 100

165 96.3 80.6 121.0

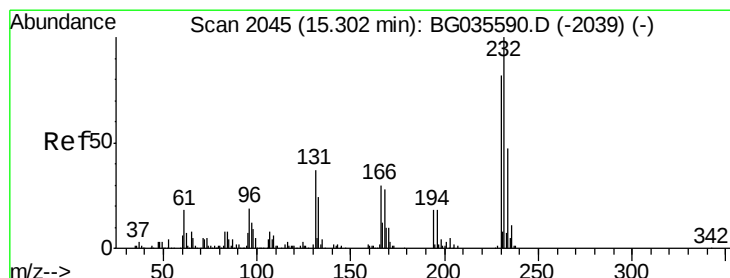
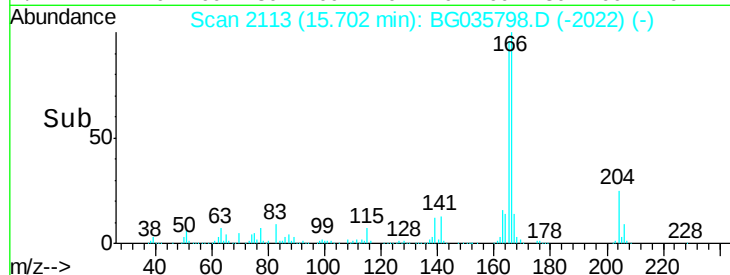
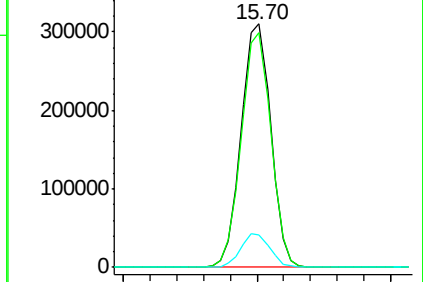
167 13.6 10.4 15.6



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: 48.772 ng

RT: 15.28 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Tgt Ion:232 Resp: 149494

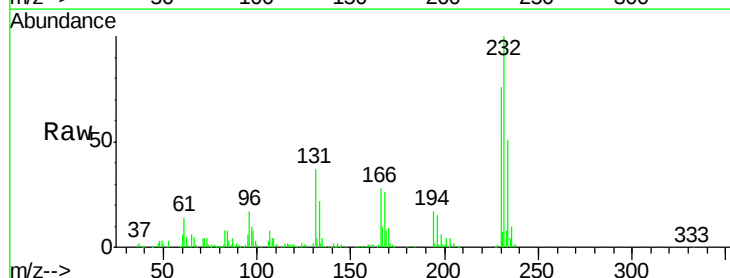
Ion Ratio Lower Upper

232 100

131 37.9 33.5 50.3

130 2.0 2.2 3.2#

166 28.7 24.8 37.2

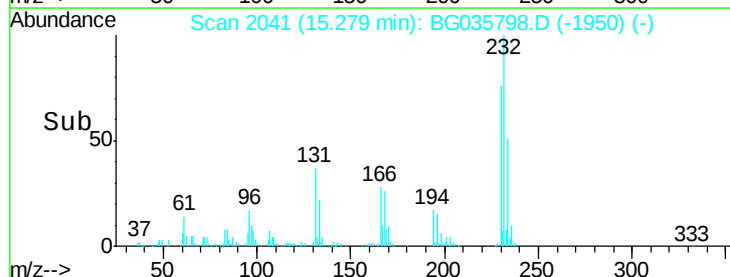
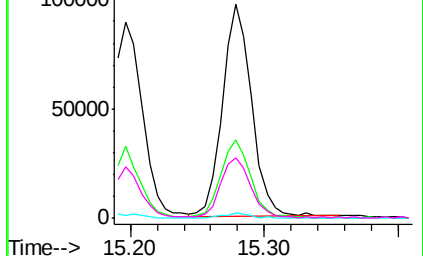


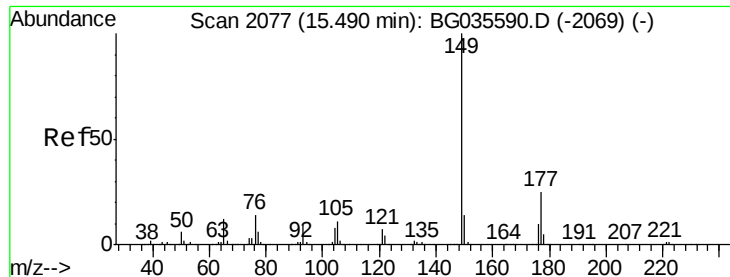
Abundance Ion 232.00 (231.70 to 232.70): E

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

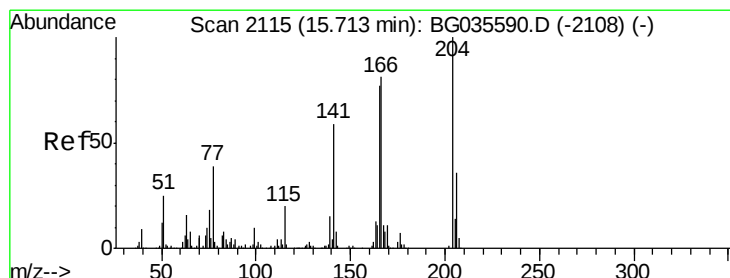
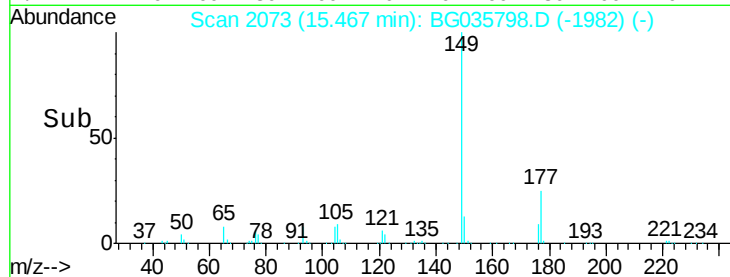
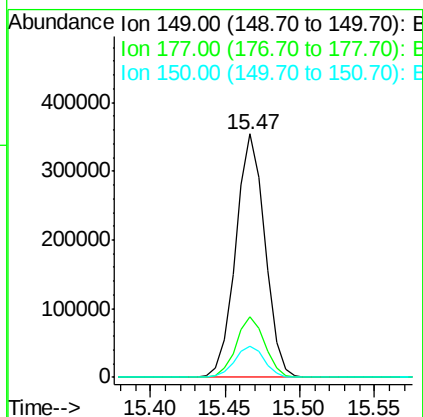
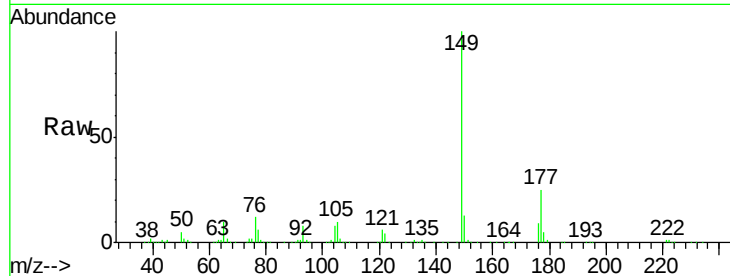




#59
Diethylphthalate
Concen: 41.396 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

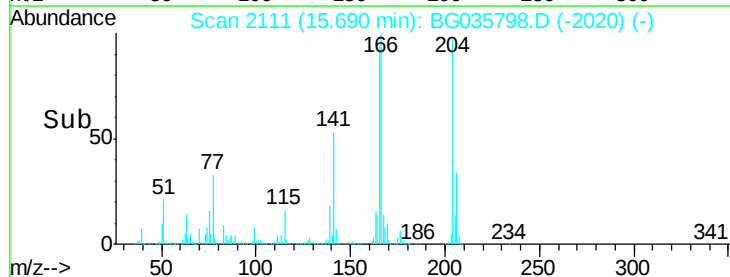
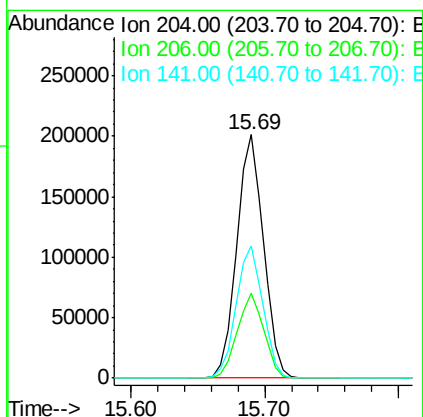
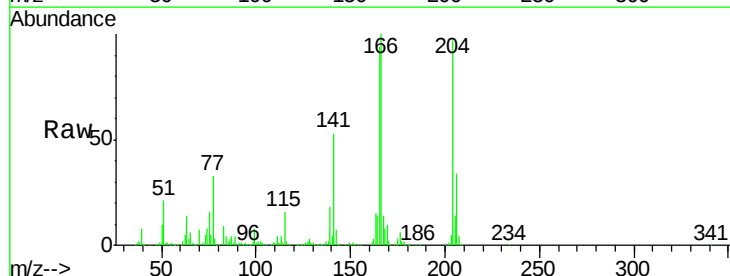
Instrument :
BNA_G
ClientSampleId :
PB111227BS

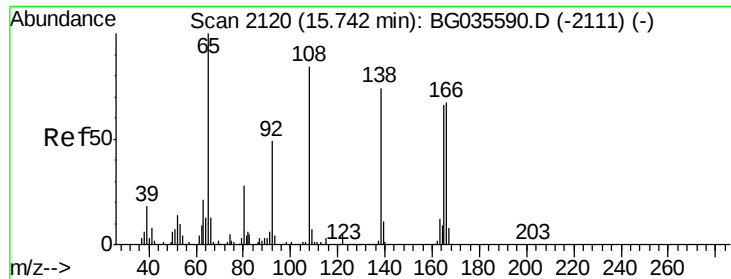
Tgt Ion:149 Resp: 482836
Ion Ratio Lower Upper
149 100
177 25.1 18.5 27.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.734 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion:204 Resp: 279147
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.2
141 54.1 45.8 68.6

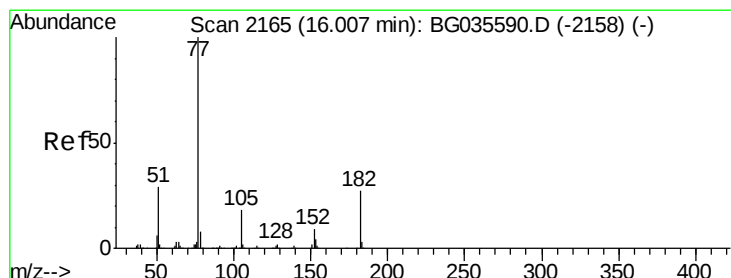
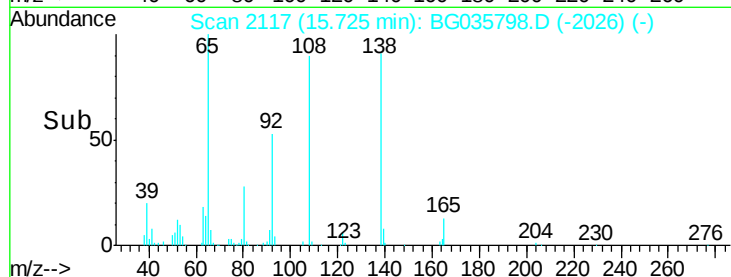
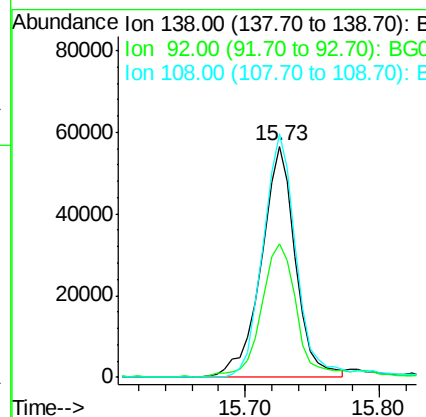
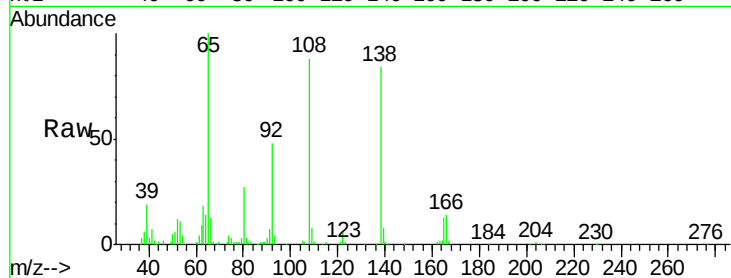




#61
4-Nitroaniline
Concen: 40.632 ng
RT: 15.73 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

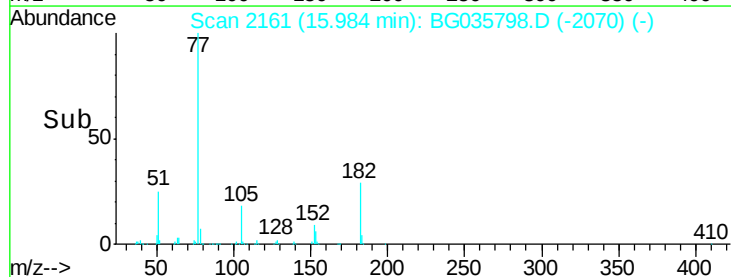
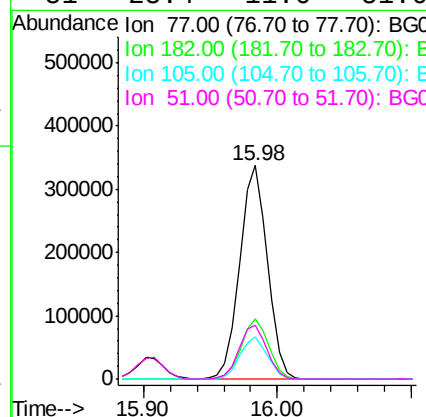
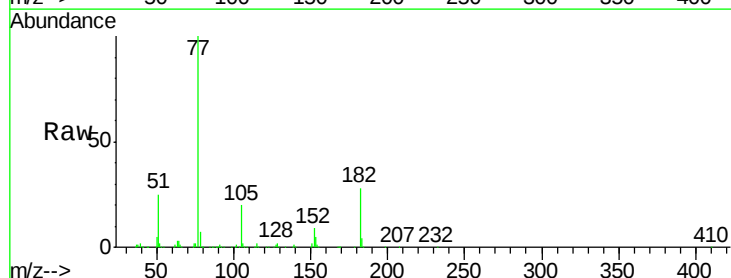
Instrument :
BNA_G
ClientSampleId :
PB111227BS

Tgt Ion: 138 Resp: 100345
Ion Ratio Lower Upper
138 100
92 57.8 40.1 80.1
108 105.2 65.4 105.4



#62
Azobenzene
Concen: 41.876 ng
RT: 15.98 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion: 77 Resp: 481790
Ion Ratio Lower Upper
77 100
182 28.4 7.4 47.4
105 20.0 0.3 40.3
51 25.4 11.6 51.6

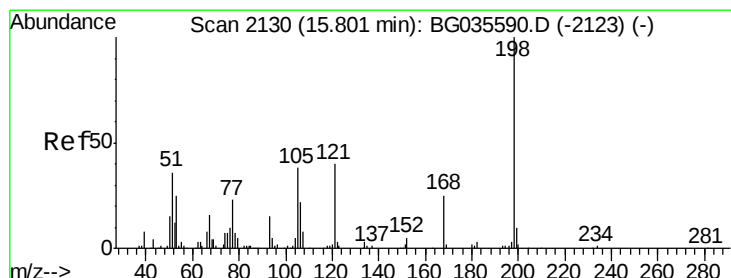
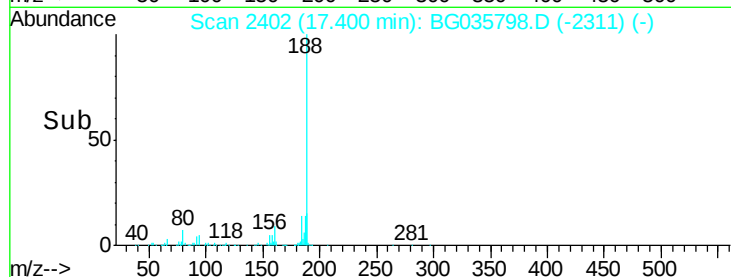
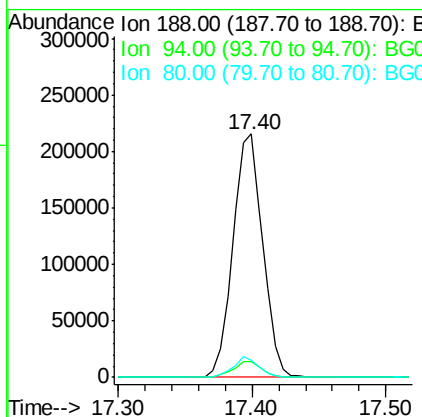
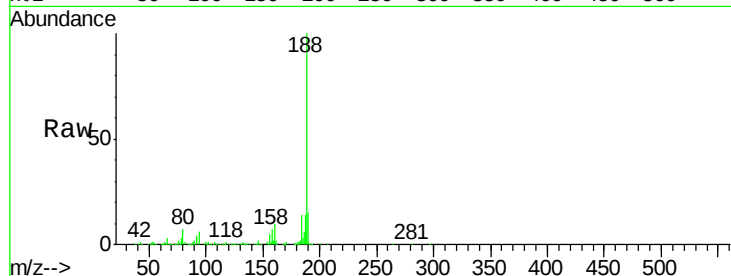




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

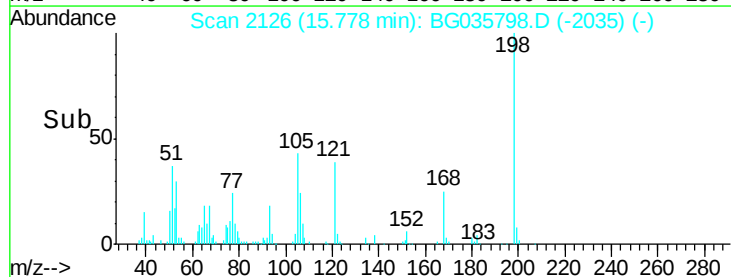
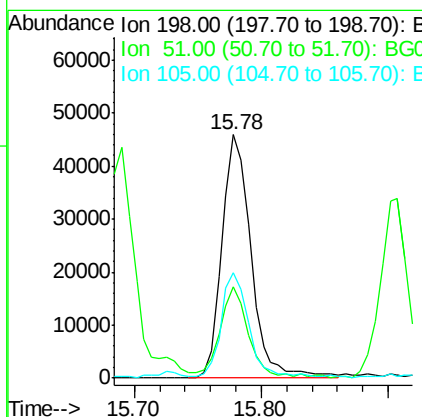
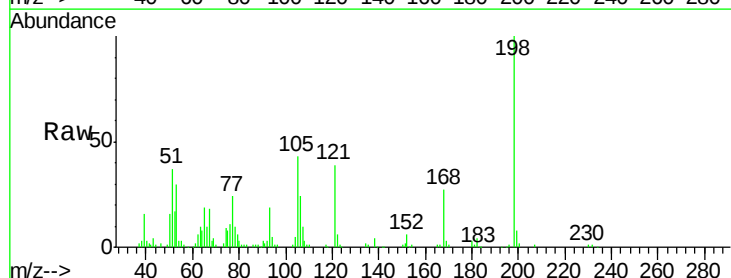
Instrument :
BNA_G
ClientSampleId :
PB111227BS

Tgt Ion:188 Resp: 332970
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.696 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion:198 Resp: 73578
Ion Ratio Lower Upper
198 100
51 37.3 30.6 70.6
105 43.0 23.8 63.8

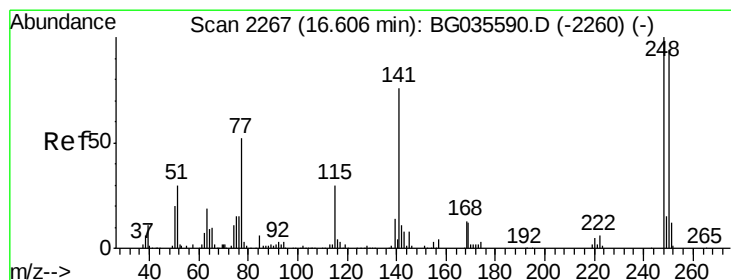
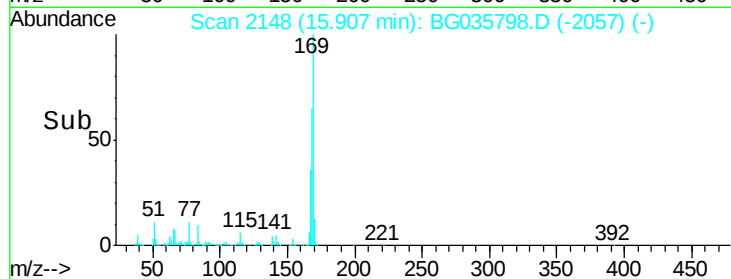
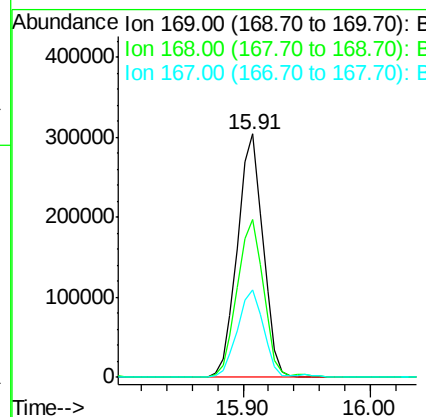
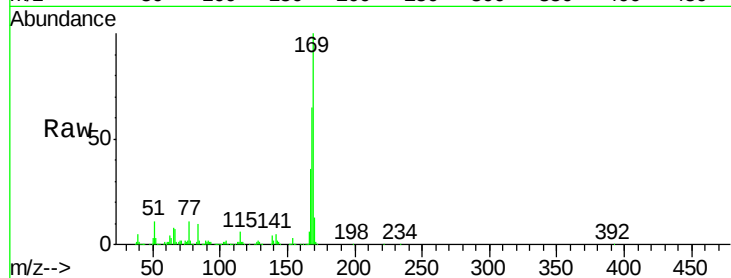




#65
 n-Nitrosodiphenylamine
 Concen: 44.641 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

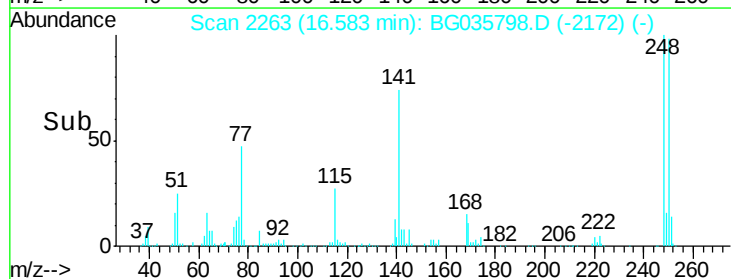
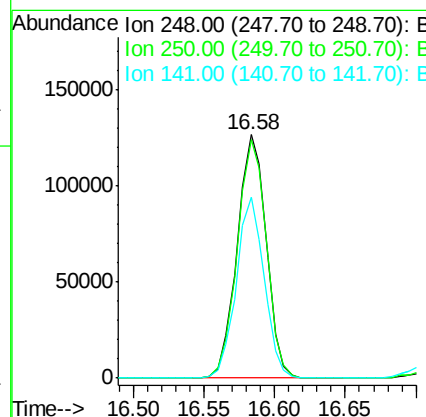
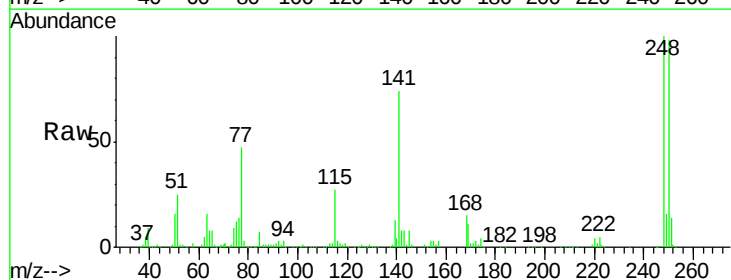
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

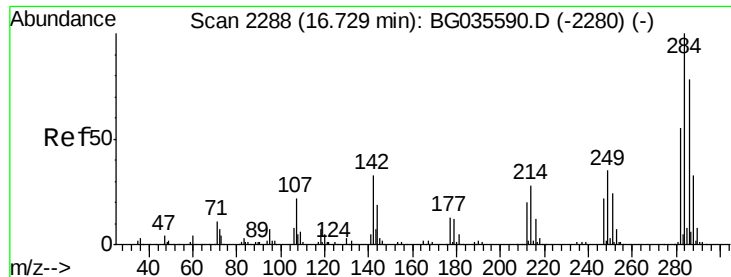
Tgt Ion:169 Resp: 423088
 Ion Ratio Lower Upper
 169 100
 168 64.8 55.7 83.5
 167 36.1 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 46.877 ng
 RT: 16.58 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion:248 Resp: 181088
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 74.3 50.8 76.2





#67

Hexachlorobenzene

Concen: 47.336 ng

RT: 16.71 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

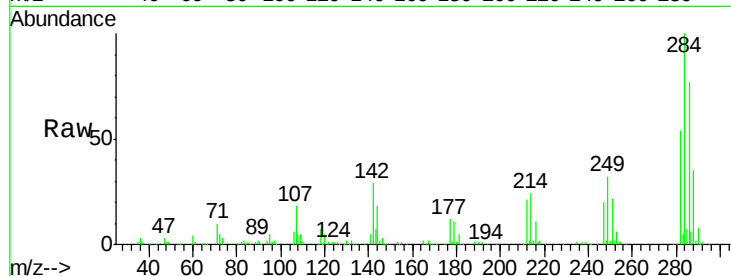
Tgt Ion:284 Resp: 188311

Ion Ratio Lower Upper

284 100

142 29.3 26.8 40.2

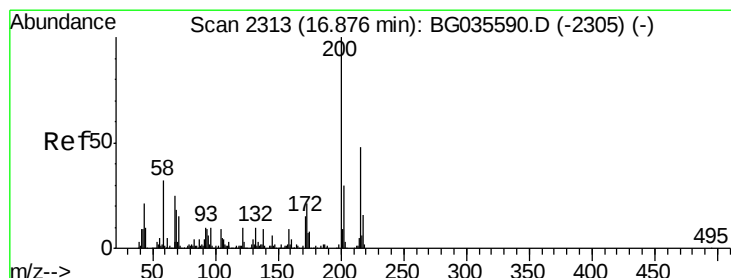
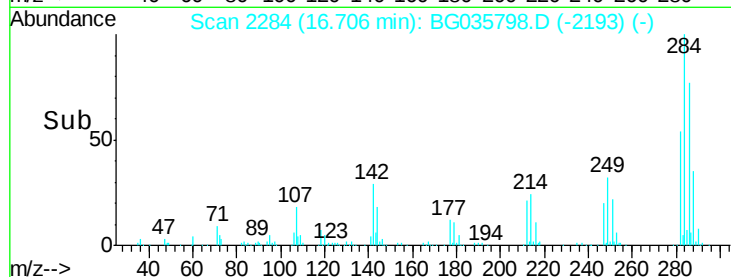
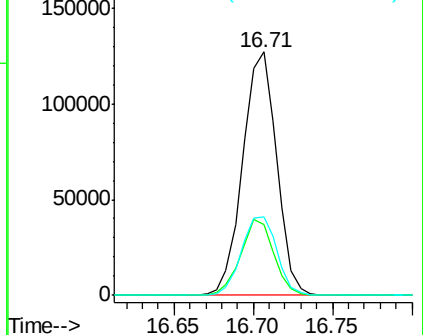
249 32.3 26.3 39.5



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: 47.646 ng

RT: 16.85 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

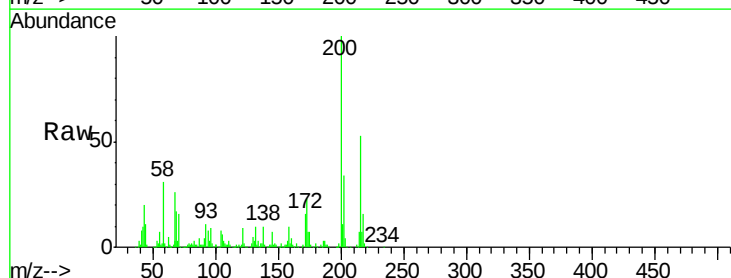
Tgt Ion:200 Resp: 185923

Ion Ratio Lower Upper

200 100

173 23.1 5.2 45.2

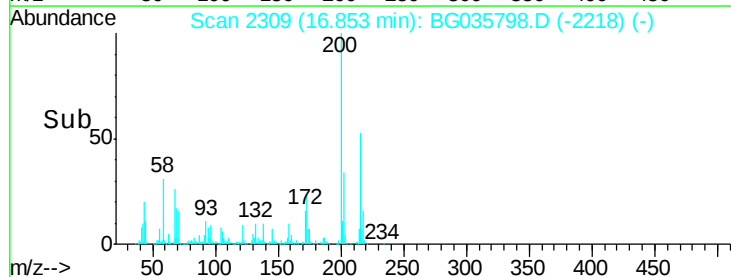
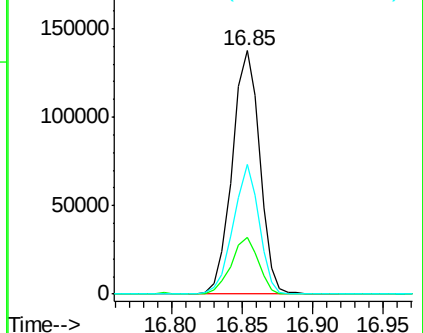
215 53.1 30.4 70.4

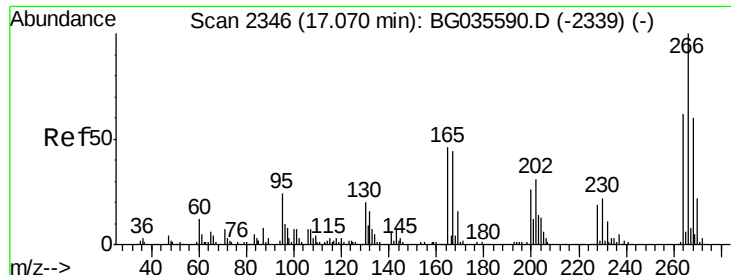


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

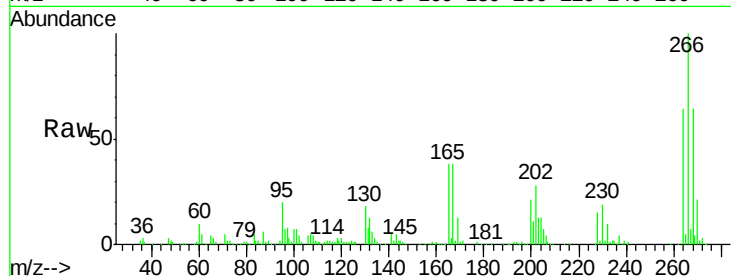




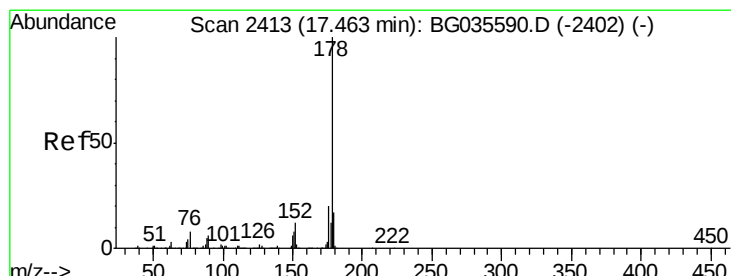
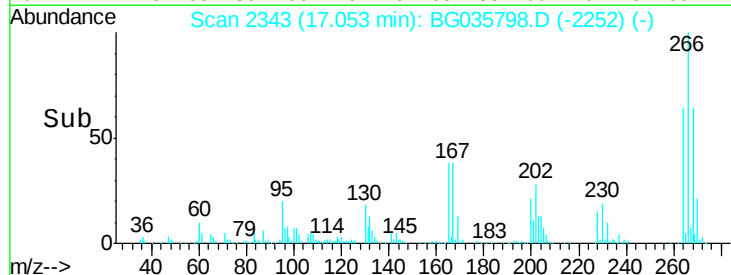
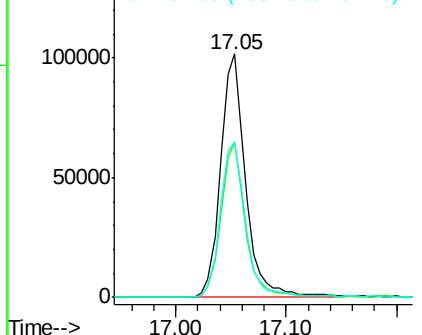
#69
 Pentachlorophenol
 Concen: 66.341 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

Tgt Ion:266 Resp: 160750
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 64.0 49.6 74.4

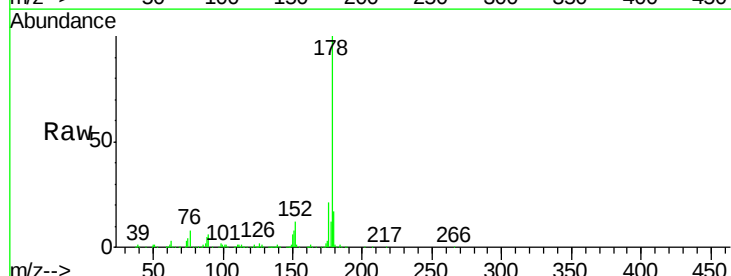


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

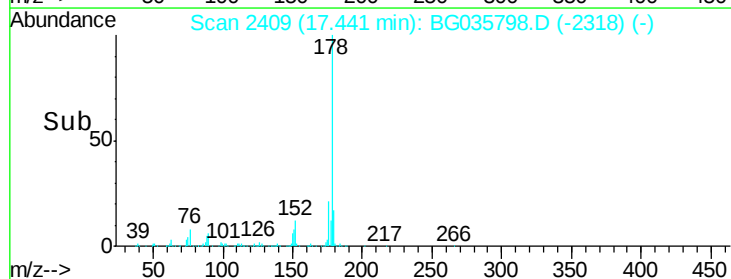
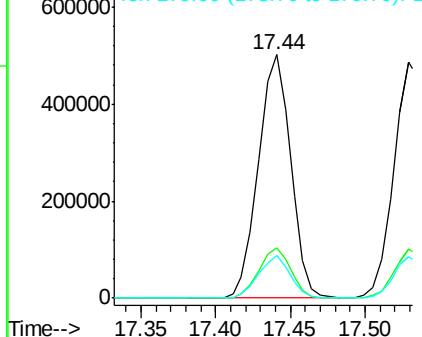


#70
 Phenanthrene
 Concen: 45.258 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion:178 Resp: 751942
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.7 23.5
 179 17.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

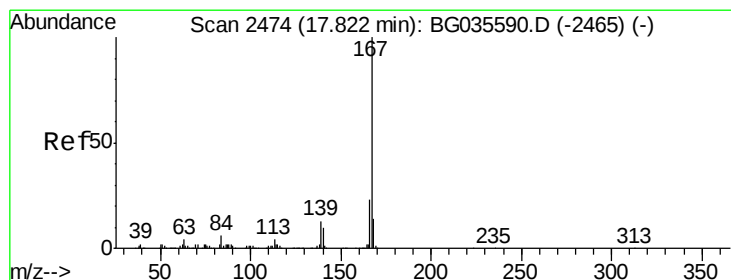
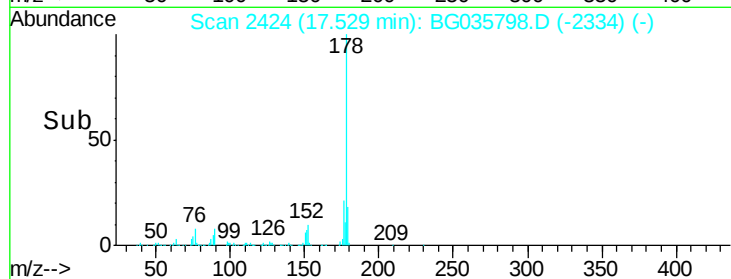
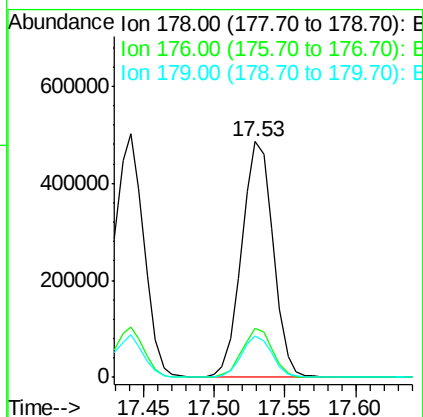
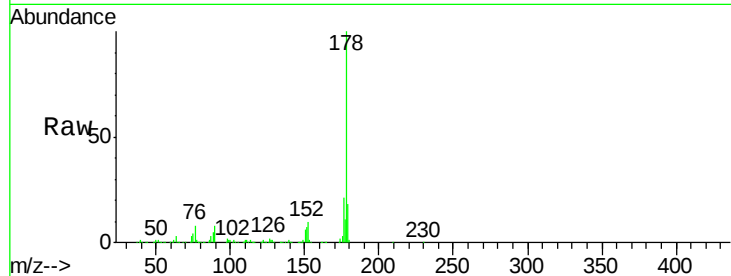




#71
 Anthracene
 Concen: 45.612 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

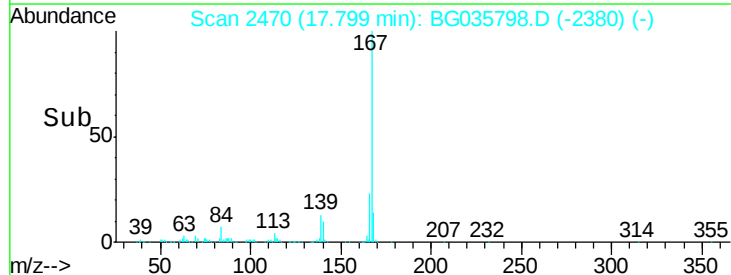
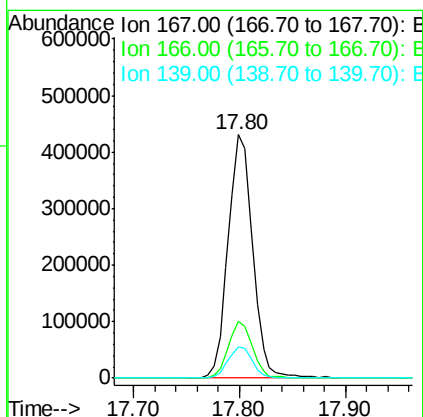
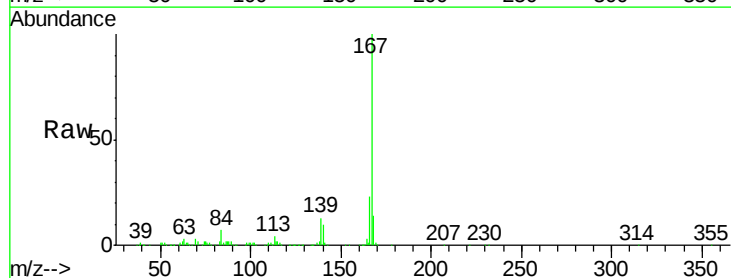
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

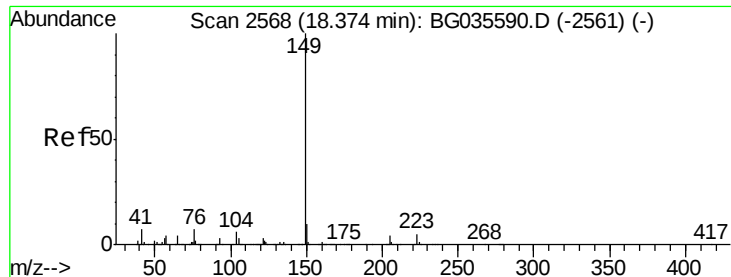
Tgt Ion:178 Resp: 754594
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.0 24.0
 179 17.6 12.5 18.7



#72
 Carbazole
 Concen: 44.029 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion:167 Resp: 691754
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 13.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 43.081 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

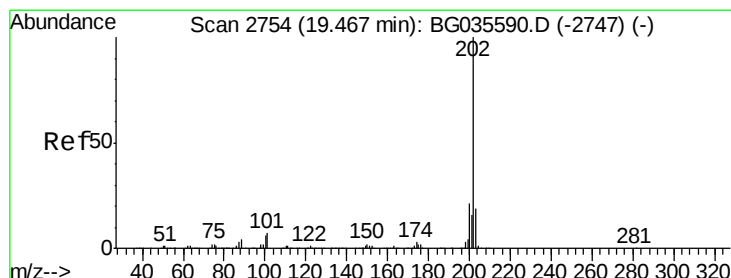
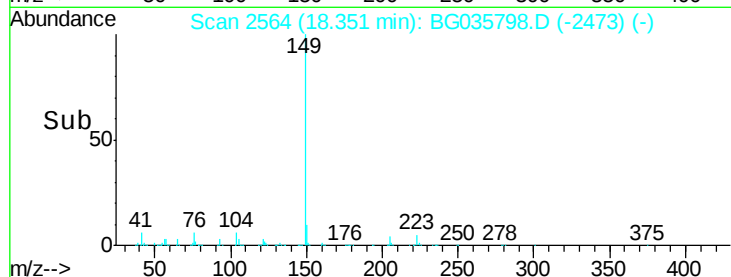
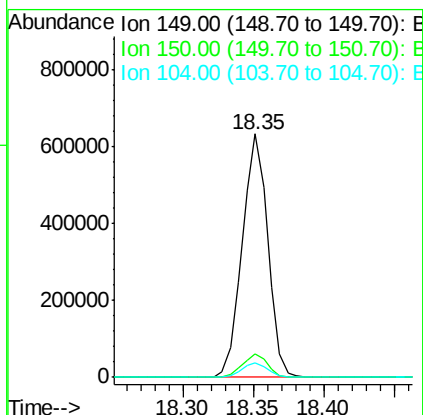
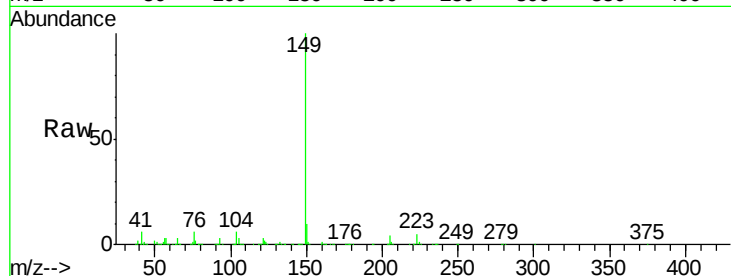
Instrument :

BNA_G

ClientSampleId :

PB111227BS

Tgt Ion:	149	Resp:	799847
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	6.2	3.9	5.9#



#74

Fluoranthene

Concen: 43.247 ng

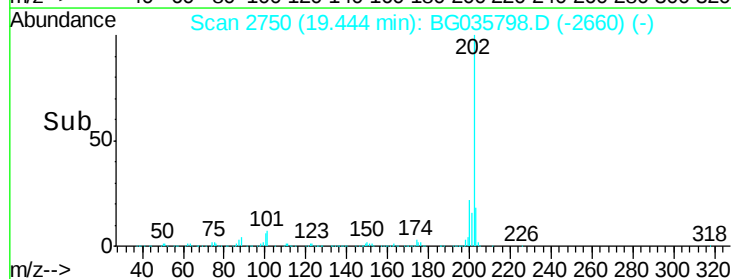
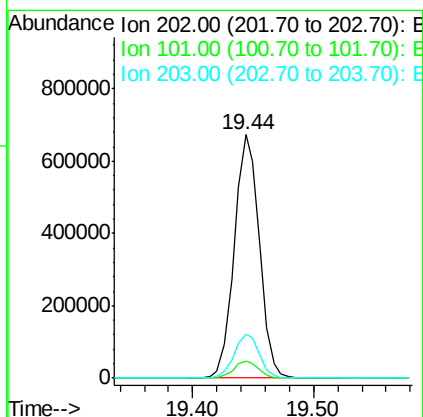
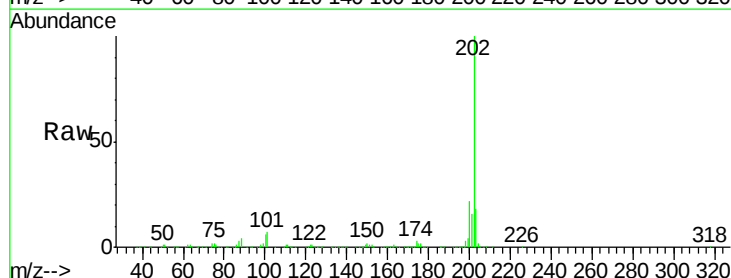
RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Tgt Ion:	202	Resp:	967850
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.9
203	18.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

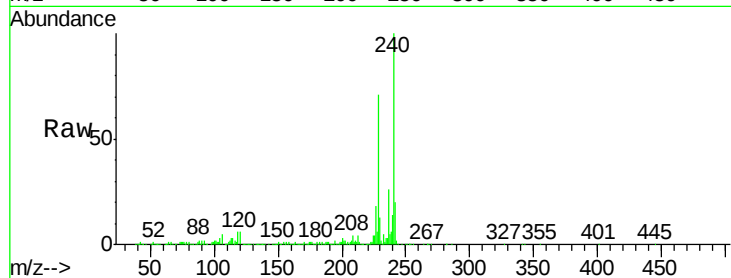
Tgt Ion:240 Resp: 345864

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

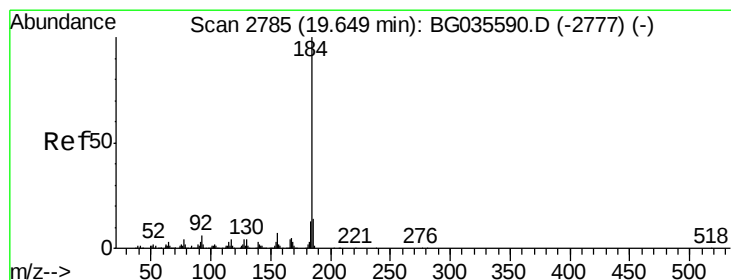
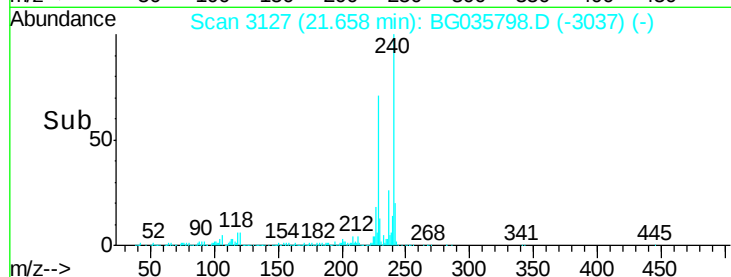
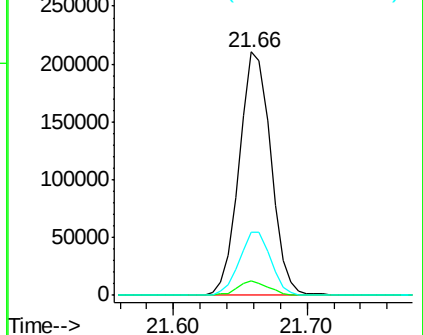
236 26.0 20.9 31.3



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: 37.824 ng

RT: 19.63 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

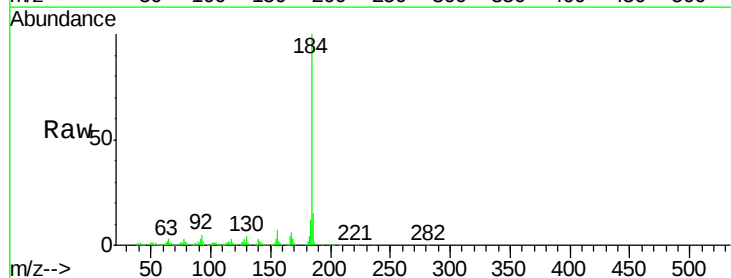
Tgt Ion:184 Resp: 343929

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

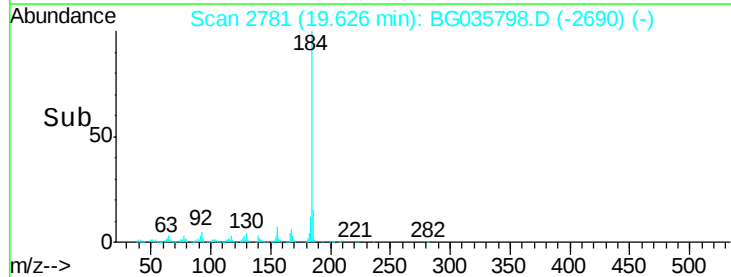
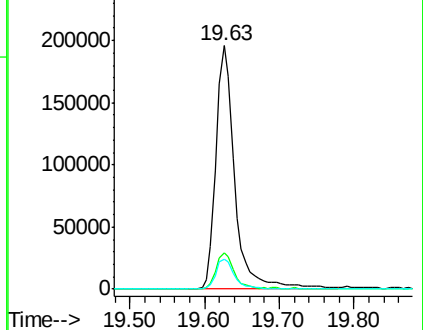
183 12.4 10.6 16.0

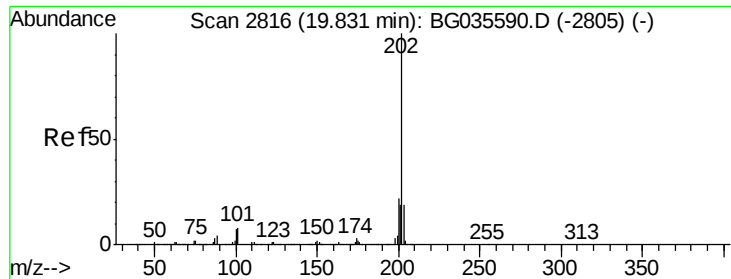


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

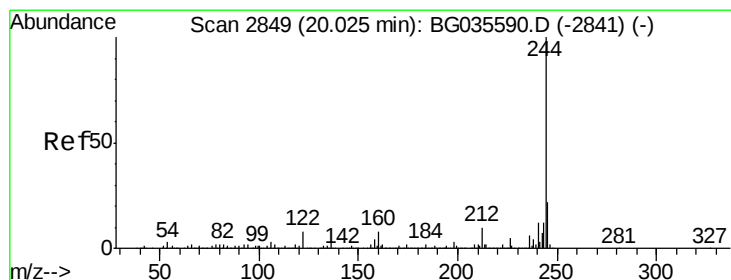
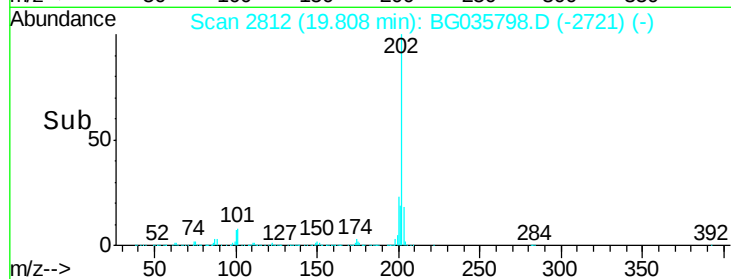
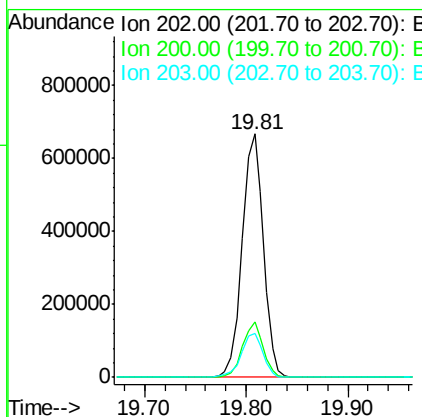
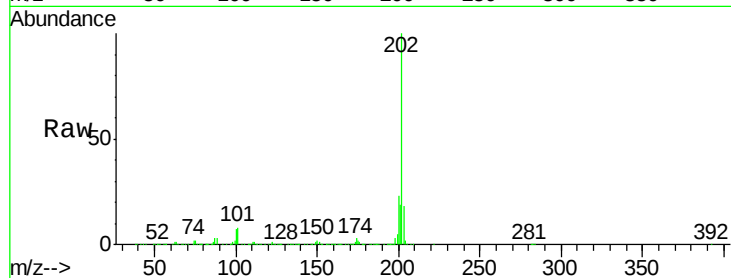




#77
 Pyrene
 Concen: 44.229 ng
 RT: 19.81 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

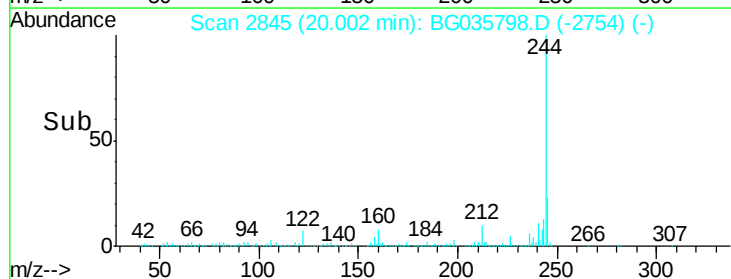
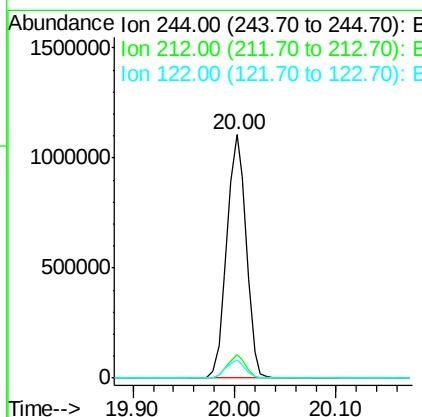
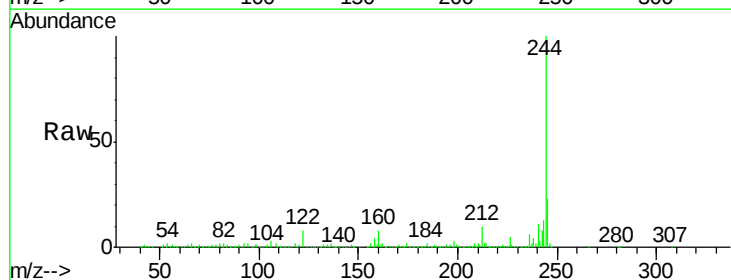
Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

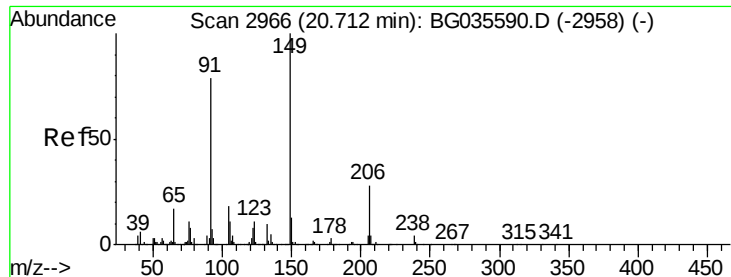
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	17.9	13.9	20.9



#78
 Terphenyl-d14
 Concen: 93.883 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.5	7.0	10.4

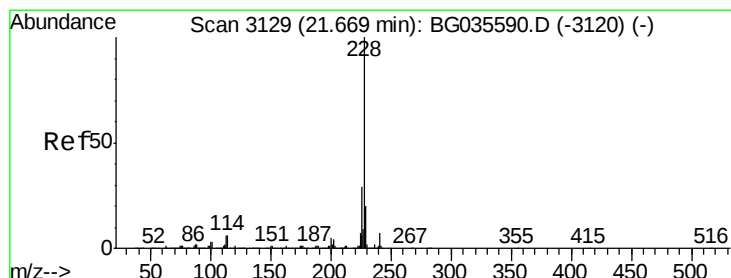
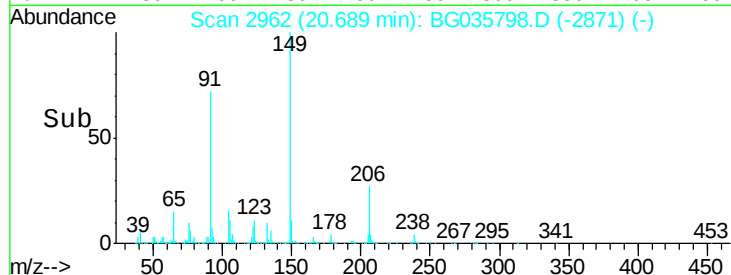
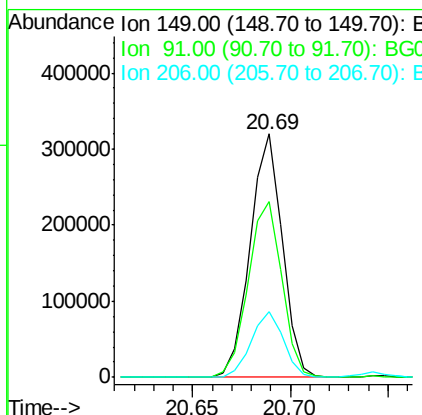
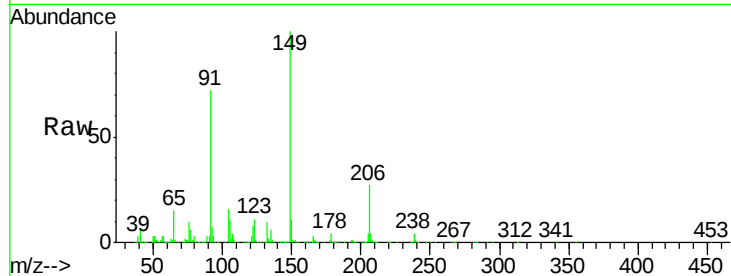




#79
Butylbenzylphthalate
Concen: 46.773 ng
RT: 20.69 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

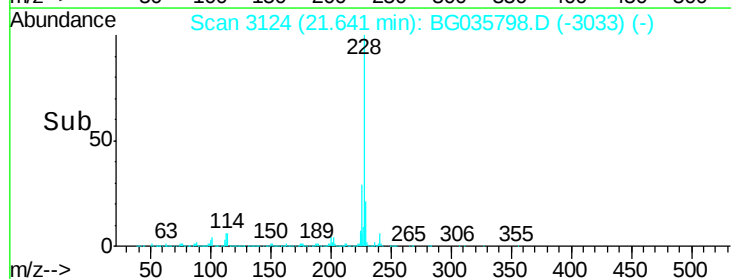
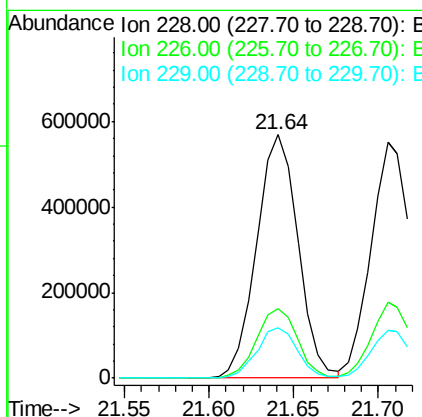
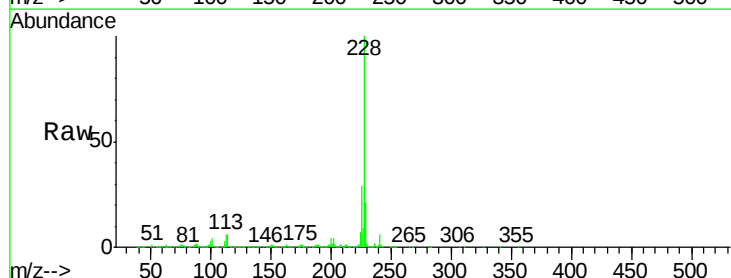
Instrument :
BNA_G
ClientSampleId :
PB111227BS

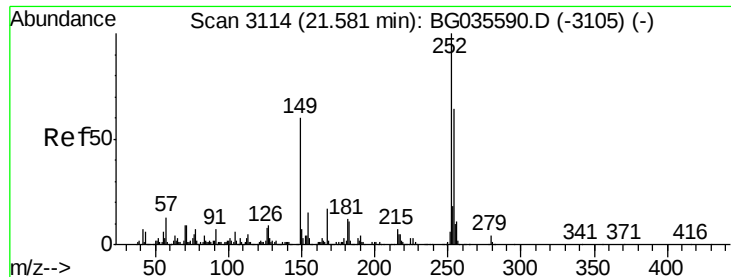
Tgt Ion:149 Resp: 365793
Ion Ratio Lower Upper
149 100
91 72.4 62.2 93.2
206 26.9 18.6 27.8



#80
Benzo(a)anthracene
Concen: 44.986 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG035798.D
Acq: 20 Jul 2018 23:58

Tgt Ion:228 Resp: 969603
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 20.6 16.2 24.2

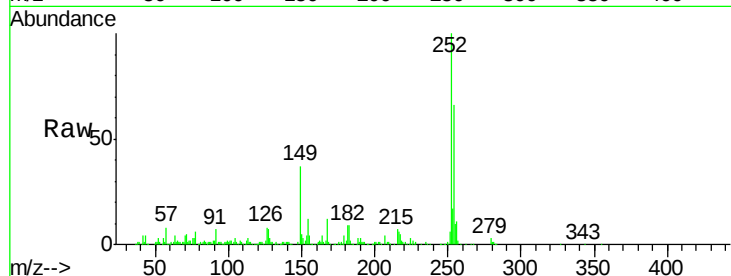




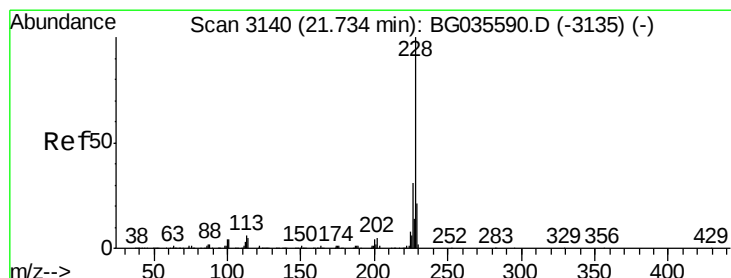
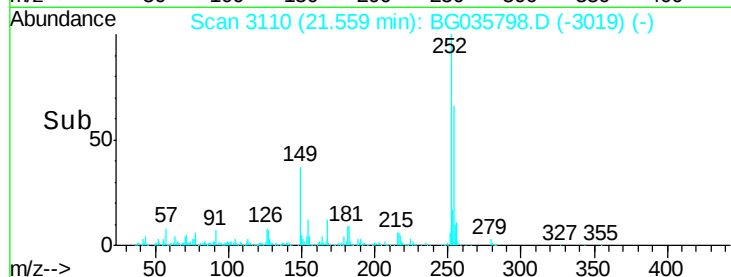
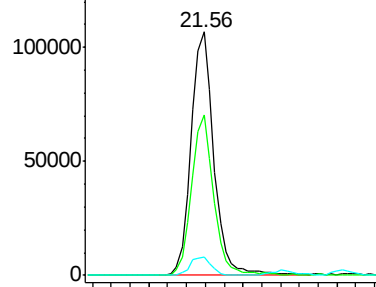
#81
 3,3'-Dichlorobenzidine
 Concen: 24.081 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BS

Tgt Ion: 252 Resp: 180972
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.8 76.2
 126 7.5 7.4 11.2

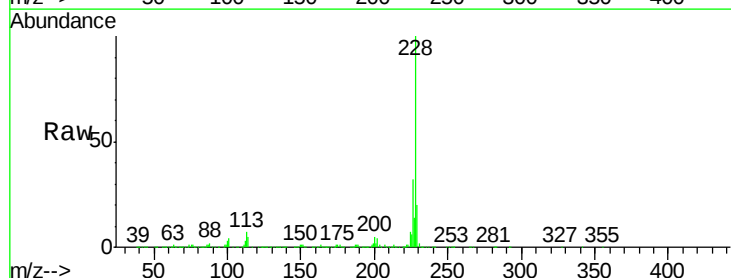


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

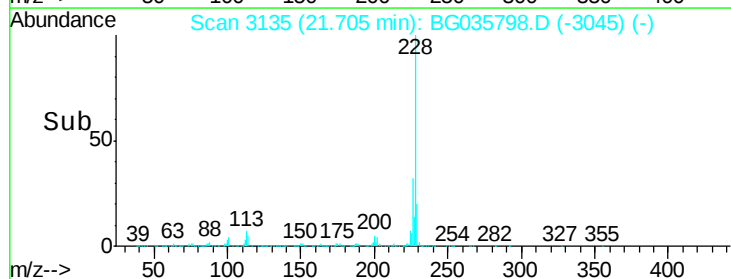
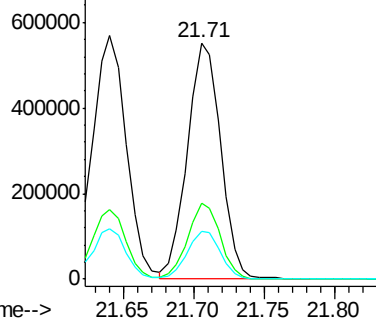


#82
 Chrysene
 Concen: 45.299 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035798.D
 Acq: 20 Jul 2018 23:58

Tgt Ion: 228 Resp: 904756
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 20.1 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.408 ng

RT: 21.54 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

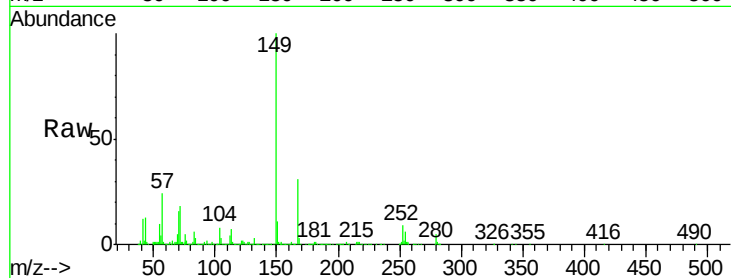
Tgt Ion:149 Resp: 504042

Ion Ratio Lower Upper

149 100

167 30.7 24.3 36.5

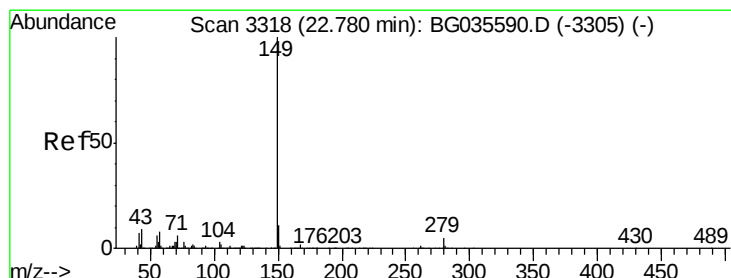
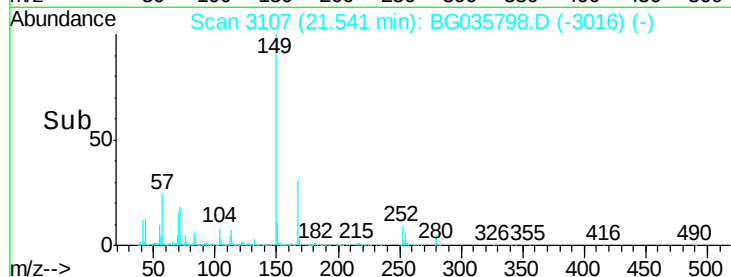
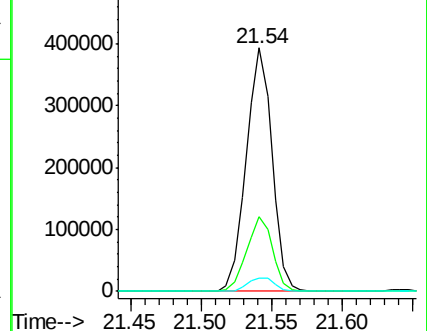
279 5.5 4.0 6.0



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: 48.570 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

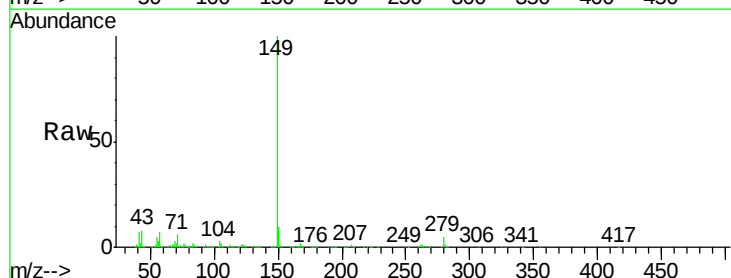
Tgt Ion:149 Resp: 864649

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

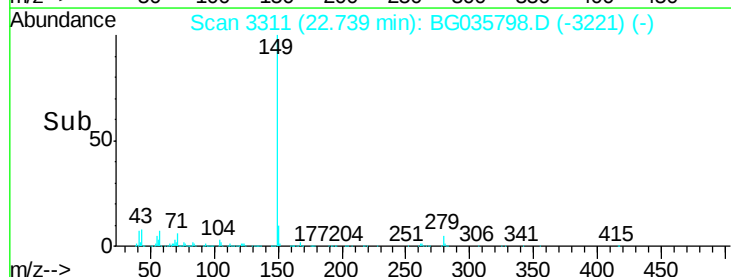
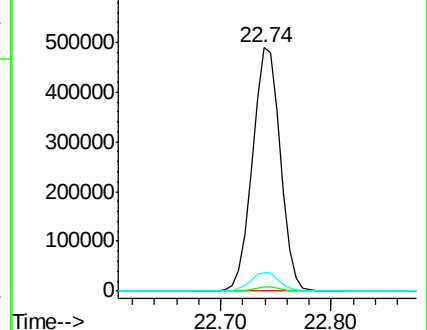
43 7.7 8.9 13.3#



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): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.420 ng

RT: 28.50 min Scan# 4292

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

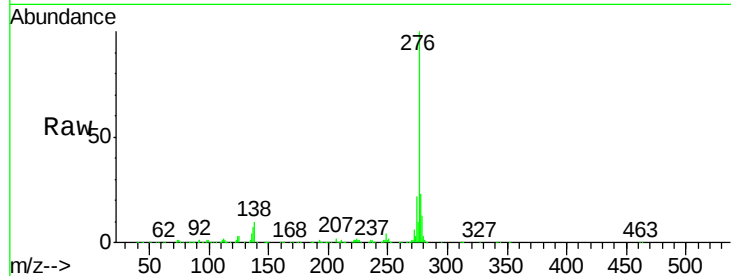
Tgt Ion:276 Resp: 1048595

Ion Ratio Lower Upper

276 100

138 5.5 16.0 24.0#

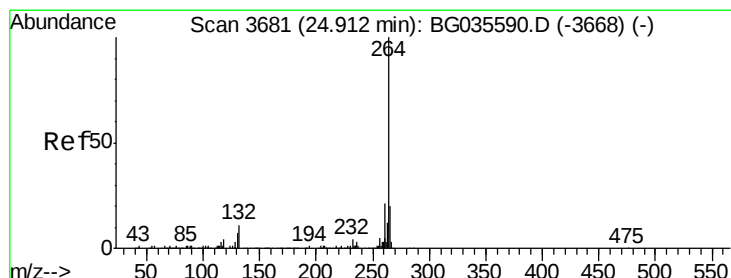
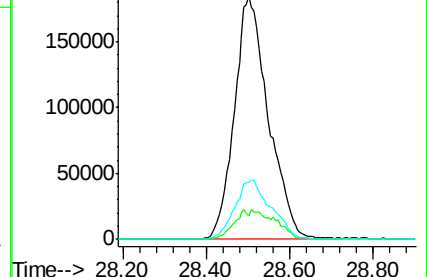
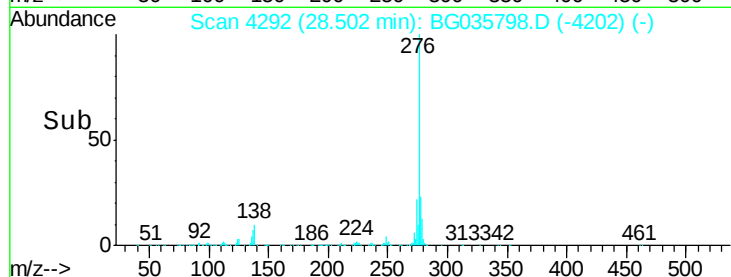
277 25.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

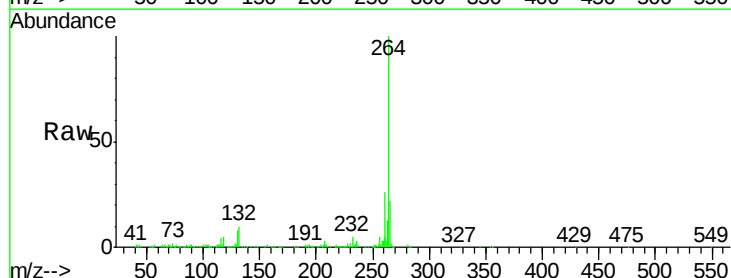
Tgt Ion:264 Resp: 331939

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

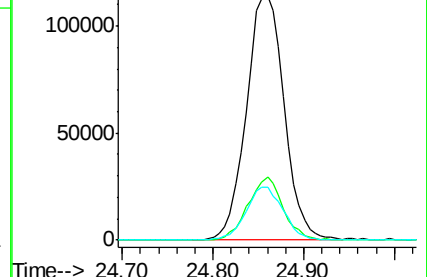
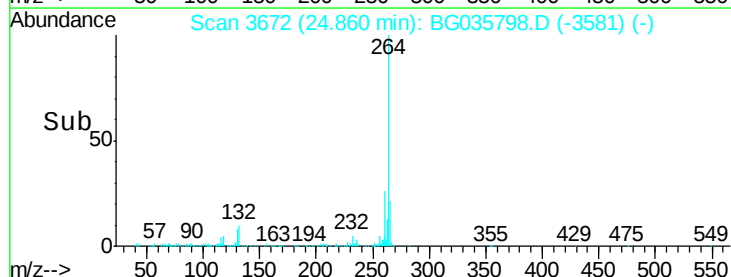
265 21.6 17.7 26.5

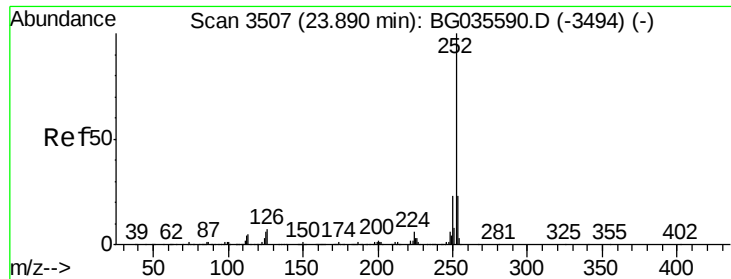


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.607 ng

RT: 23.84 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

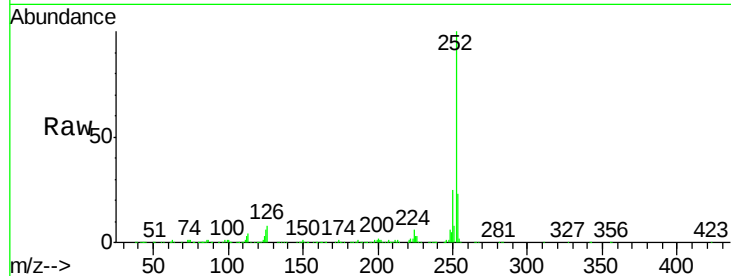
Tgt Ion:252 Resp: 940294

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

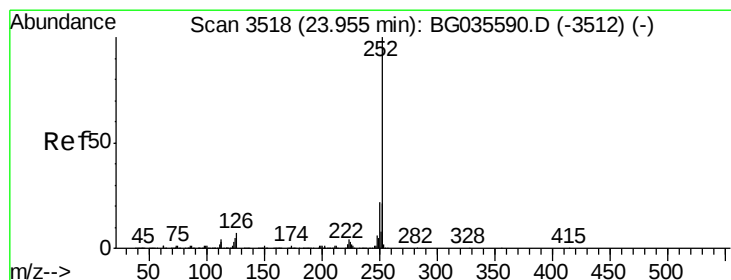
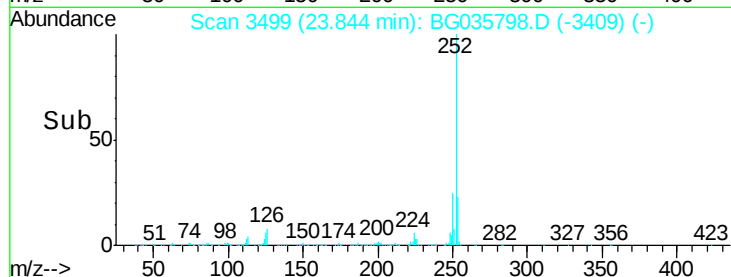
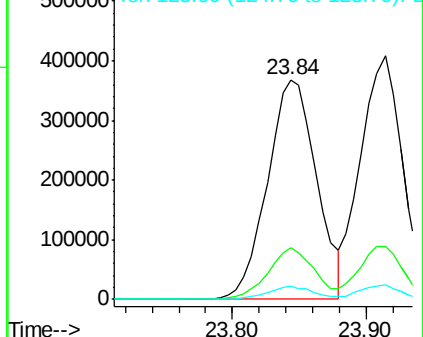
125 6.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.541 ng

RT: 23.91 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

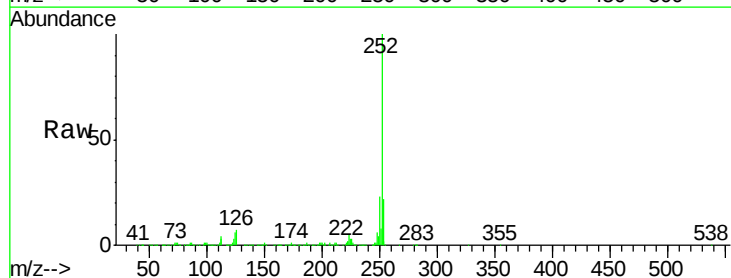
Tgt Ion:252 Resp: 898243

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

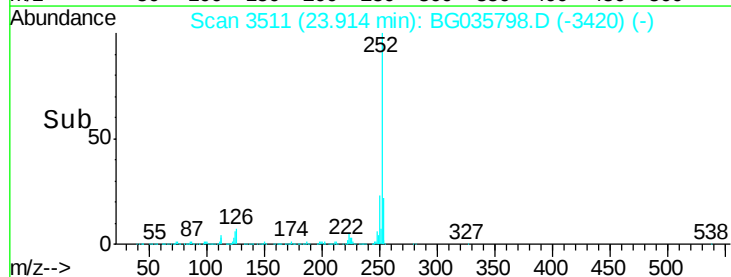
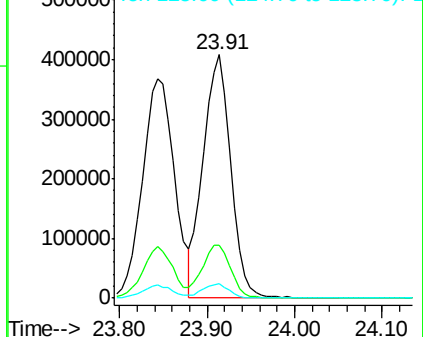
125 6.0 6.6 9.8#

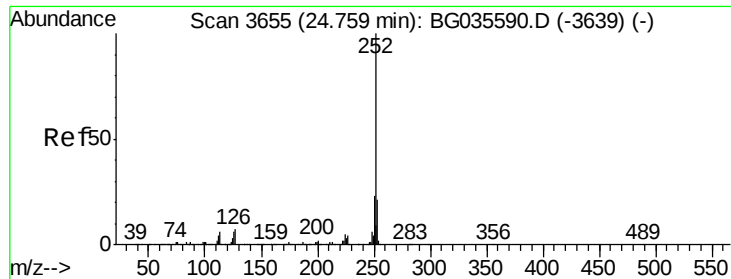


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.772 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

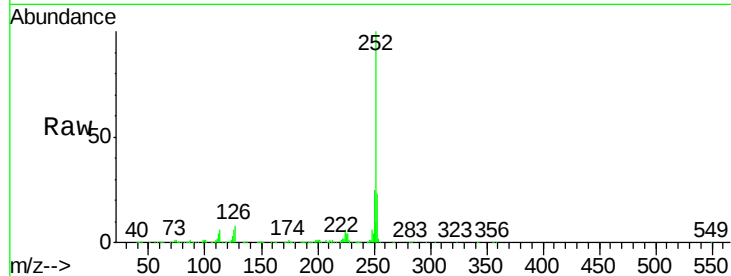
Tgt Ion:252 Resp: 896657

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

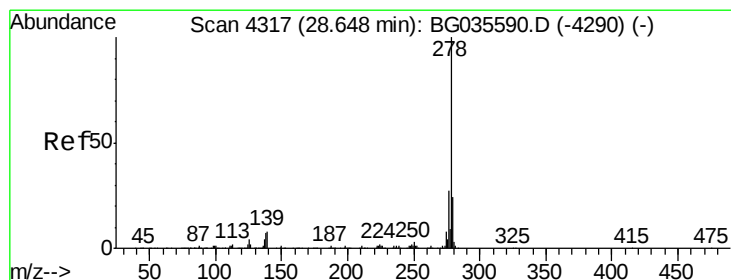
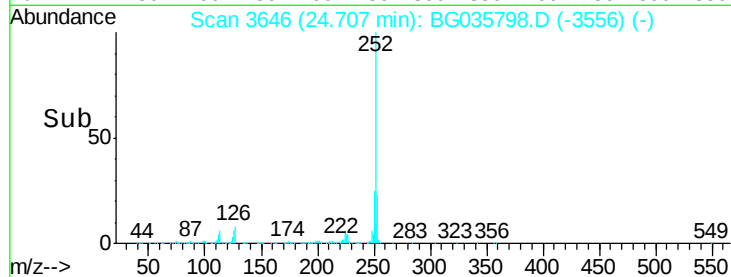
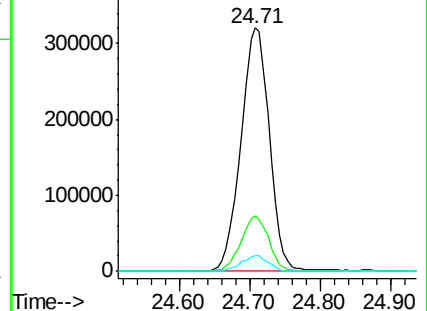
125 6.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.830 ng

RT: 28.57 min Scan# 4303

Delta R.T. -0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

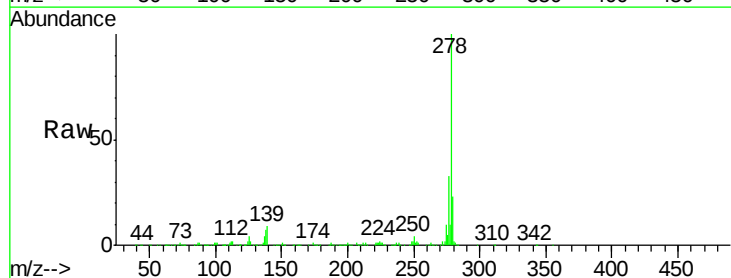
Tgt Ion:278 Resp: 862928

Ion Ratio Lower Upper

278 100

139 9.3 9.8 14.6#

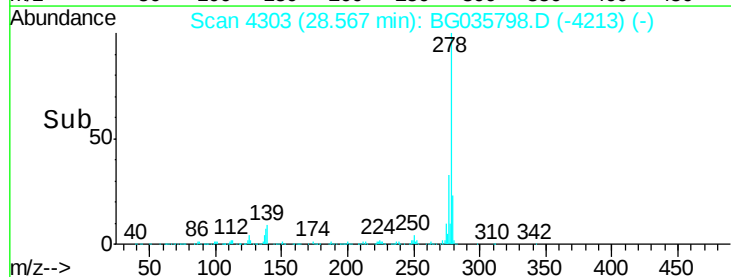
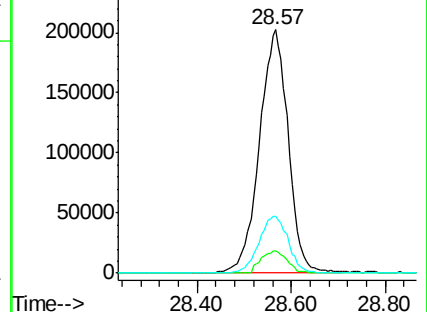
279 23.5 18.4 27.6

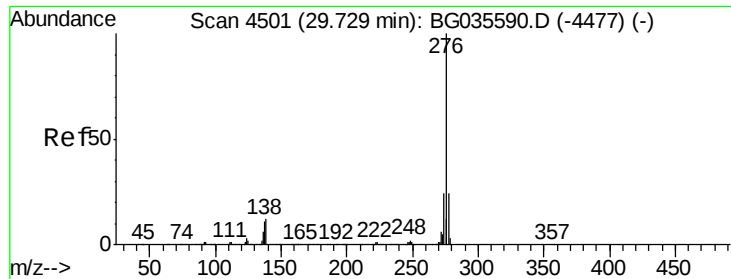


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.160 ng

RT: 29.65 min Scan# 4488

Delta R.T. 0.00 min

Lab File: BG035798.D

Acq: 20 Jul 2018 23:58

Instrument :

BNA_G

ClientSampleId :

PB111227BS

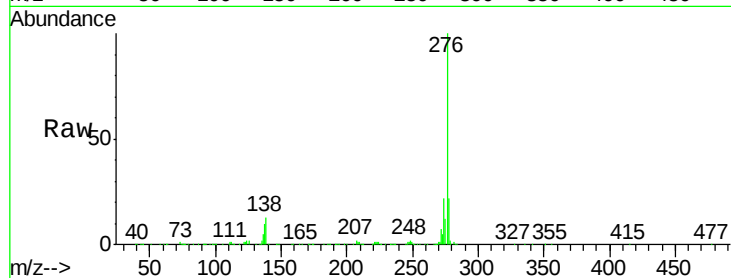
Tgt Ion: 276 Resp: 868385

Ion Ratio Lower Upper

276 100

277 22.4 18.3 27.5

138 13.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

