

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035599.D
 Acq On : 12 Jul 2018 17:56
 Operator : JU/SJ
 Sample : PB110986BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

Quant Time: Jul 13 00:37:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47626	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	186505	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	136739	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	379704	20.00	ng	0.00
75) Chrysene-d12	21.69	240	395920	20.00	ng	0.00
86) Perylene-d12	24.91	264	371340	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	425222	148.23	ng	0.00
7) Phenol-d6	7.23	99	631835	147.63	ng	0.01
23) Nitrobenzene-d5	9.22	82	395825	88.66	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	276736	153.55	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	901468	88.32	ng	0.00
78) Terphenyl-d14	20.02	244	1598803	89.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	46025	31.523	ng	# 75
3) Pyridine	3.94	79	134017	35.161	ng	# 75
4) n-Nitrosodimethylamine	3.86	42	60729	37.107	ng	# 79
6) Aniline	7.39	93	152969	27.575	ng	97
8) 2-Chlorophenol	7.63	128	135598	46.477	ng	99
9) Benzaldehyde	7.19	77	92502	35.224	ng	93
10) Phenol	7.25	94	213349	49.340	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	137292	40.543	ng	95
12) 1,3-Dichlorobenzene	7.95	146	145136	41.194	ng	96
13) 1,4-Dichlorobenzene	8.09	146	147118	41.097	ng	96
14) 1,2-Dichlorobenzene	8.41	146	142199	41.350	ng	97
15) Benzyl Alcohol	8.29	79	174863	44.991	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	162281	57.161	ng	77
17) 2-Methylphenol	8.50	107	139906	47.589	ng	# 88
18) Hexachloroethane	9.14	117	52778	38.560	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	139394	38.677	ng	# 84
20) 3+4-Methylphenols	8.83	107	197072	48.320	ng	88
22) Acetophenone	8.88	105	240973	41.549	ng	# 92
24) Nitrobenzene	9.26	77	199748	44.488	ng	97
25) Isophorone	9.78	82	383560	46.281	ng	99
26) 2-Nitrophenol	9.97	139	78077	48.963	ng	# 86
27) 2,4-Dimethylphenol	10.03	122	150376	55.710	ng	90
28) bis(2-Chloroethoxy)methane	10.26	93	200711	43.951	ng	96
29) 2,4-Dichlorophenol	10.51	162	161177	52.310	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	167399	44.306	ng	99
31) Naphthalene	10.91	128	420578	43.291	ng	99
32) Benzoic acid	10.18	122	83616	46.016	ng	91
33) 4-Chloroaniline	11.02	127	58336	13.777	ng	# 96
34) Hexachlorobutadiene	11.19	225	125991	42.764	ng	98
35) Caprolactam	11.79	113	35857	27.118	ng	# 62
36) 4-Chloro-3-methylphenol	12.14	107	205058	49.650	ng	93
37) 2-Methylnaphthalene	12.51	142	331041	45.737	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	224423	43.484	ng	98
40) Hexachlorocyclopentadiene	12.86	237	307599	113.646	ng	92

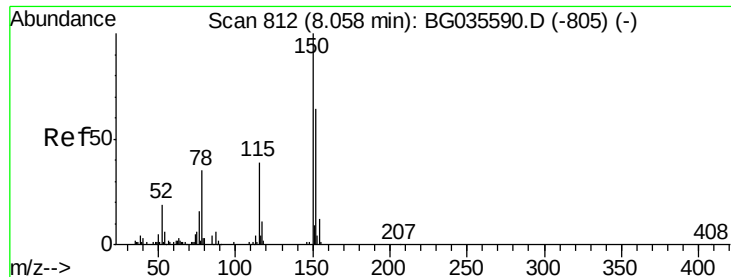
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
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 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	151735	50.274	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	168301	49.846	ng	98
45) 1,1'-Biphenyl	13.51	154	460911	43.477	ng	99
46) 2-Chloronaphthalene	13.56	162	361302	43.815	ng	99
47) 2-Nitroaniline	13.76	65	138858	47.631	ng	96
48) Acenaphthylene	14.40	152	608524	44.054	ng	98
49) Dimethylphthalate	14.13	163	508919	42.479	ng	99
50) 2,6-Dinitrotoluene	14.25	165	115739	47.441	ng	94
51) Acenaphthene	14.74	154	362629	42.143	ng	99
52) 3-Nitroaniline	14.58	138	51916	20.821	ng	# 93
53) 2,4-Dinitrophenol	14.79	184	131603	102.851	ng	# 65
54) Dibenzofuran	15.08	168	586511	42.858	ng	92
55) 4-Nitrophenol	14.90	139	181838	102.399	ng	# 78
56) 2,4-Dinitrotoluene	15.04	165	170990	48.854	ng	91
57) Fluorene	15.72	166	501884	43.757	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169282	52.291	ng	93
59) Diethylphthalate	15.49	149	515141	41.817	ng	97
60) 4-Chlorophenyl-phenylether	15.71	204	288488	42.794	ng	99
61) 4-Nitroaniline	15.75	138	117693	45.123	ng	# 82
62) Azobenzene	16.01	77	541059	44.527	ng	94
64) 4,6-Dinitro-2-methylphenol	15.80	198	95242	45.060	ng	96
65) n-Nitrosodiphenylamine	15.93	169	449399	41.581	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	192610	43.723	ng	97
67) Hexachlorobenzene	16.73	284	197919	43.628	ng	93
68) Atrazine	16.88	200	209370	47.051	ng	97
69) Pentachlorophenol	17.07	266	230771	83.517	ng	99
70) Phenanthrene	17.46	178	808474	42.671	ng	98
71) Anthracene	17.56	178	832291	44.117	ng	98
72) Carbazole	17.82	167	765864	42.747	ng	98
73) Di-n-butylphthalate	18.37	149	879576	41.544	ng	# 97
74) Fluoranthene	19.47	202	1076107	42.166	ng	97
76) Benzidine	19.65	184	371796	35.719	ng	97
77) Pyrene	19.83	202	1070988	42.781	ng	95
79) Butylbenzylphthalate	20.71	149	392073	43.795	ng	98
80) Benzo(a)anthracene	21.67	228	1081417	43.831	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	217833	25.321	ng	# 97
82) Chrysene	21.74	228	993473	43.452	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	533512	43.835	ng	99
84) Di-n-octyl phthalate	22.78	149	903225	44.322	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1148106	45.356	ng	# 93
87) Benzo(b)fluoranthene	23.89	252	1010084	44.754	ng	# 96
88) Benzo(k)fluoranthene	23.96	252	979518	44.392	ng	# 97
89) Benzo(a)pyrene	24.76	252	988632	47.084	ng	# 96
90) Dibenzo(a,h)anthracene	28.65	278	949810	46.076	ng	# 95
91) Benzo(g,h,i)perylene	29.73	276	947840	46.989	ng	# 95

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

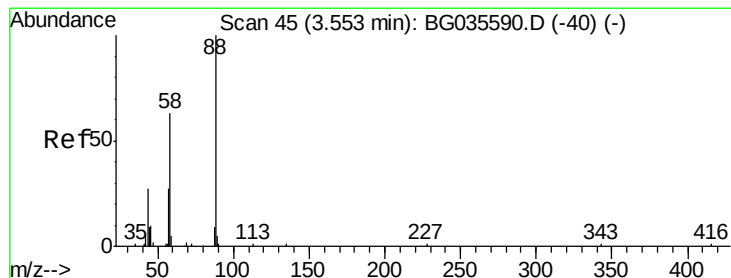
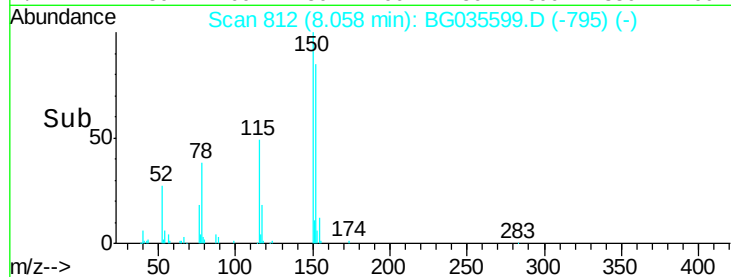
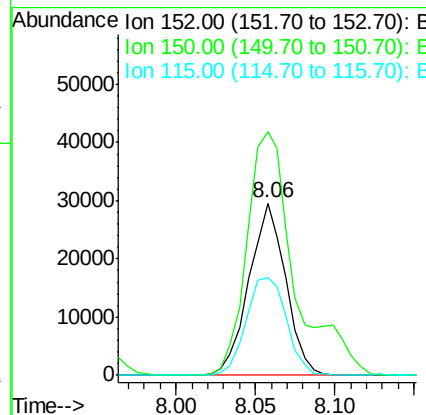
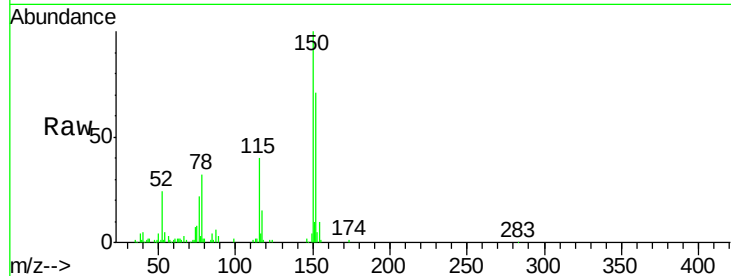


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Instrument :
BNA_G
ClientSampleId :
PB110986BS

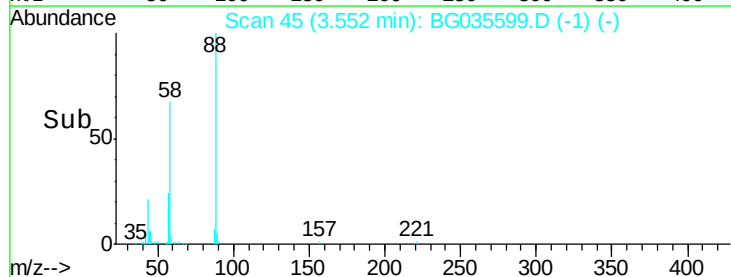
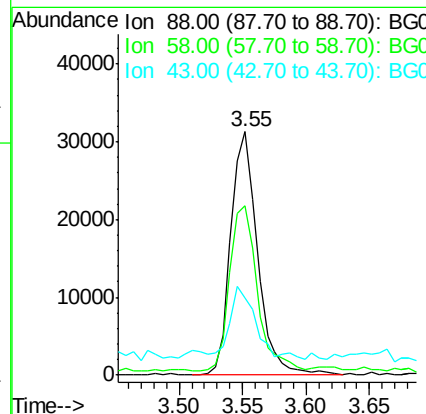
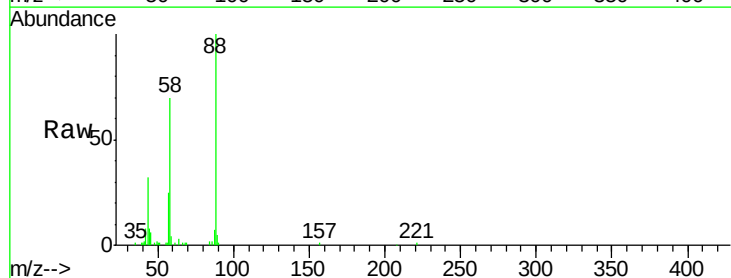
Tgt Ion:152 Resp: 47626
Ion Ratio Lower Upper
152 100
150 141.3 126.6 189.8
115 57.0 53.0 79.4

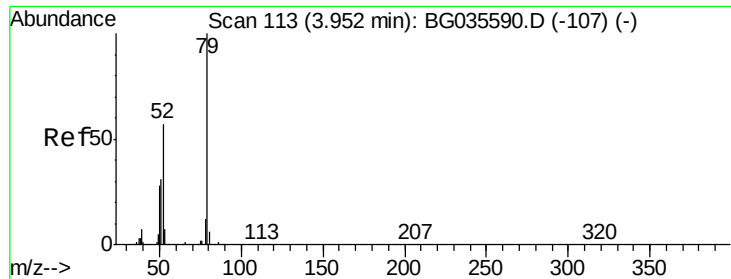


#2

1,4-Dioxane
Concen: 31.523 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion: 88 Resp: 46025
Ion Ratio Lower Upper
88 100
58 68.8 79.6 119.4#
43 29.7 27.4 41.0





#3

Pyridine

Concen: 35.161 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

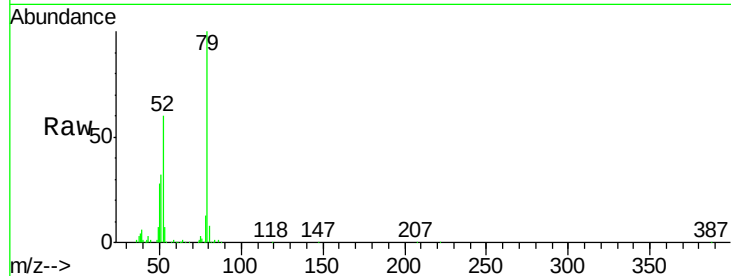
Tgt Ion: 79 Resp: 134017

Ion Ratio Lower Upper

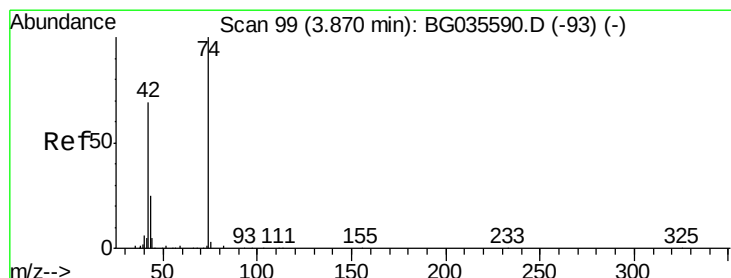
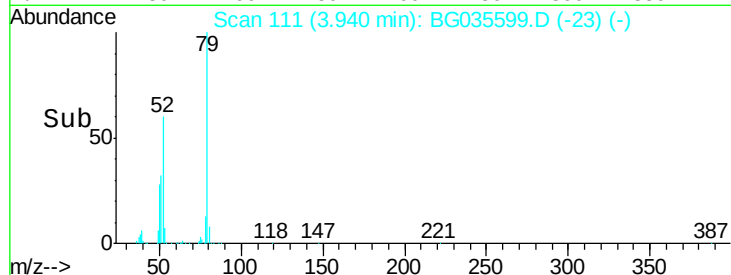
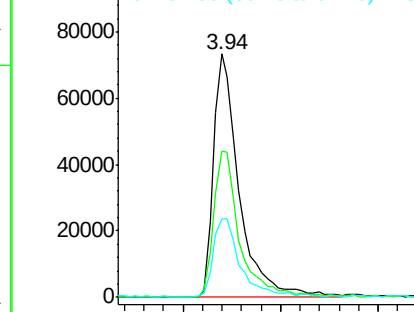
79 100

52 59.9 69.9 104.9#

51 32.4 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: 37.107 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

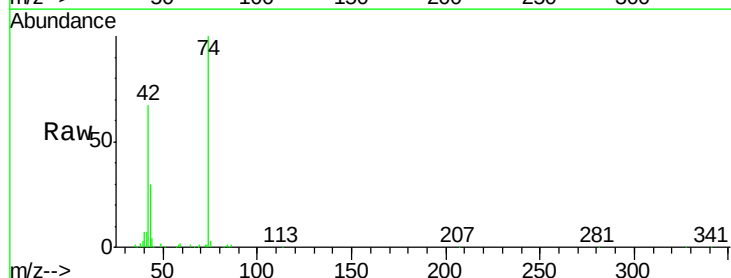
Tgt Ion: 42 Resp: 60729

Ion Ratio Lower Upper

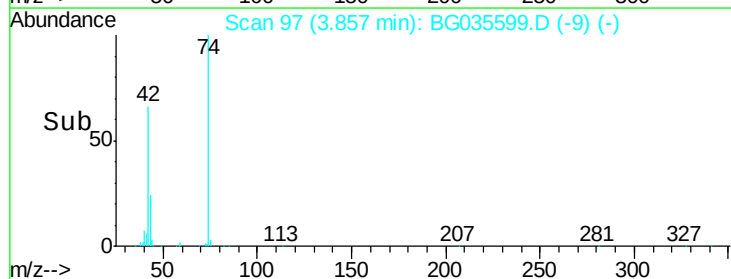
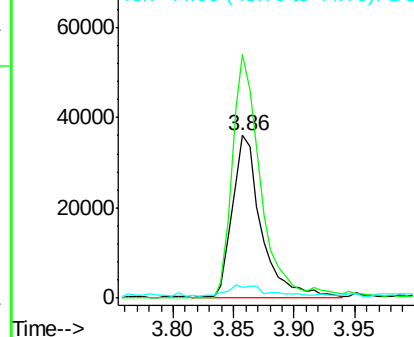
42 100

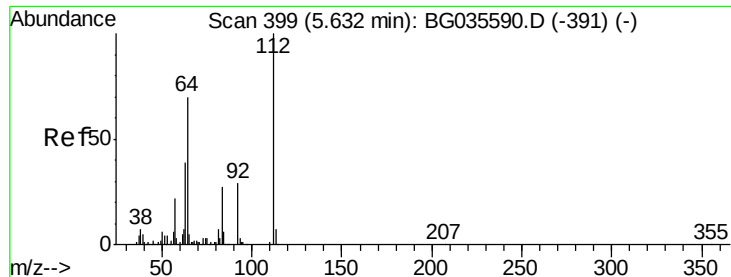
74 149.8 102.5 153.7

44 6.6 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: 148.232 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

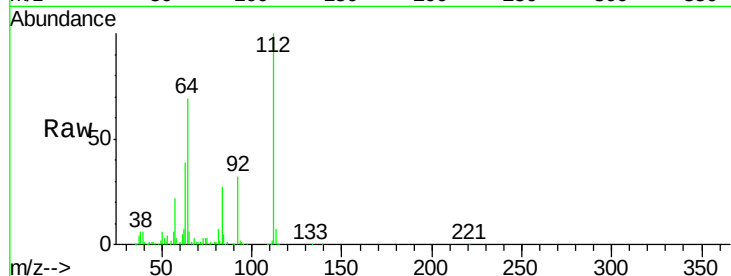
Tgt Ion: 112 Resp: 425222

Ion Ratio Lower Upper

112 100

64 69.4 56.3 84.5

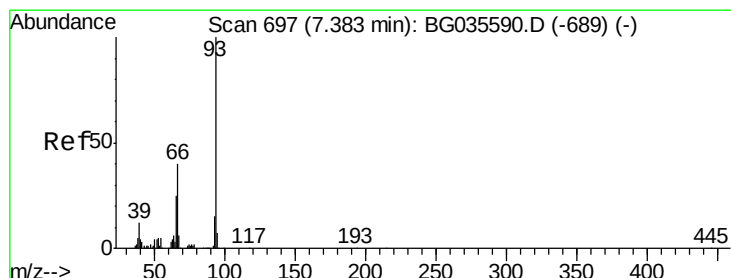
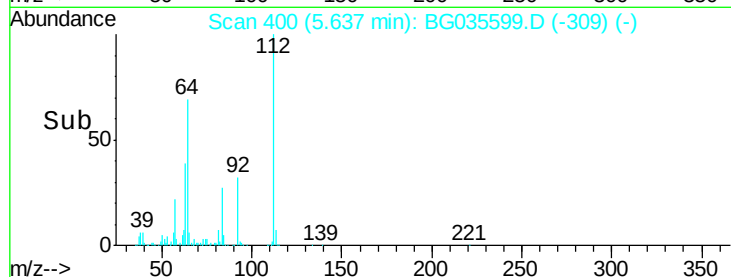
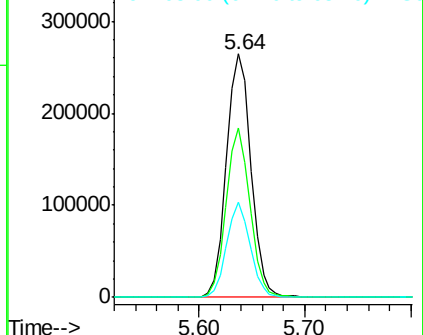
63 39.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.575 ng

RT: 7.39 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

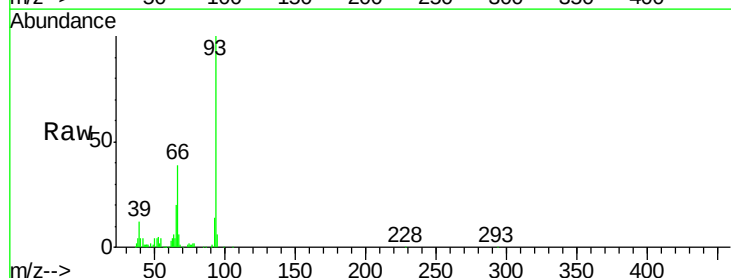
Tgt Ion: 93 Resp: 152969

Ion Ratio Lower Upper

93 100

66 39.3 33.7 50.5

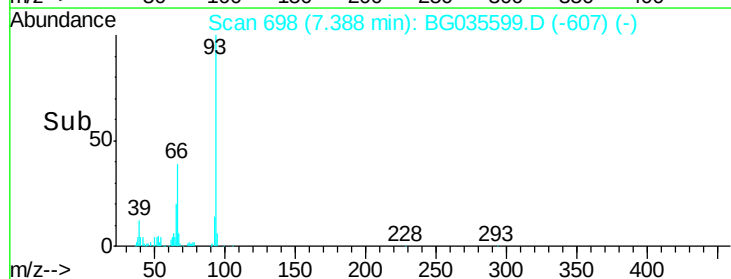
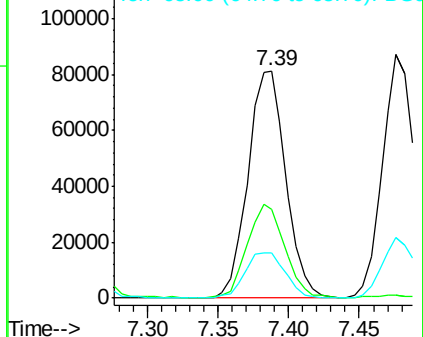
65 19.9 16.1 24.1

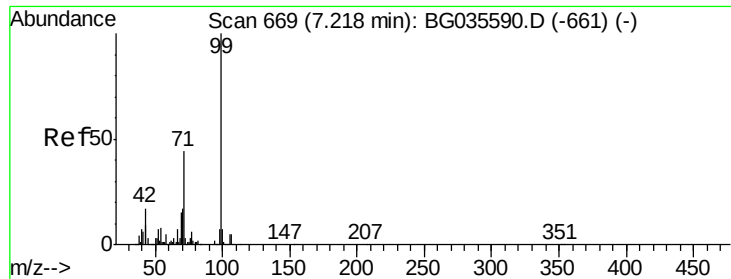


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.626 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

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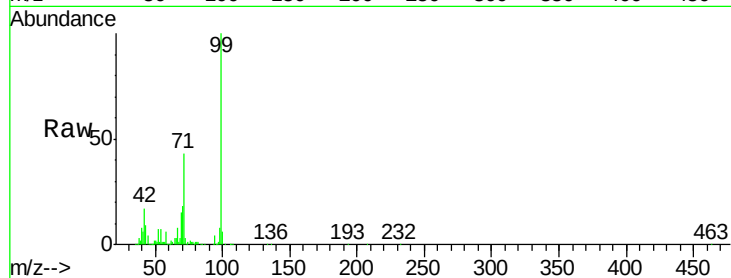
Tgt Ion: 99 Resp: 631835

Ion Ratio Lower Upper

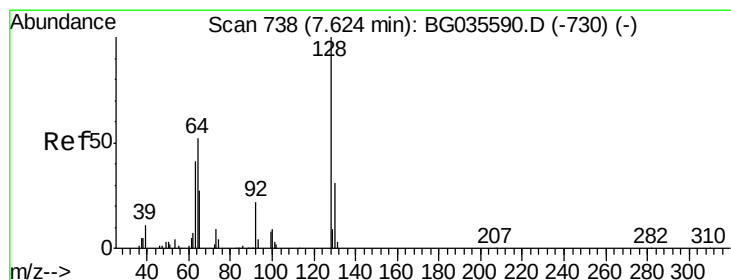
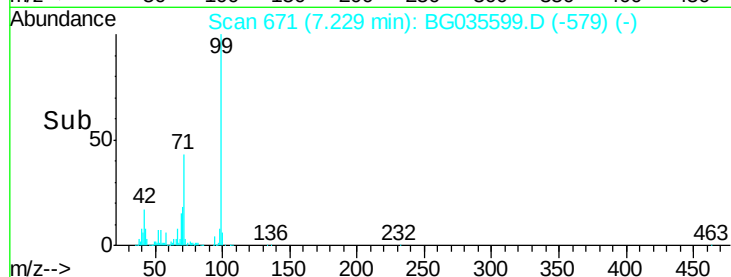
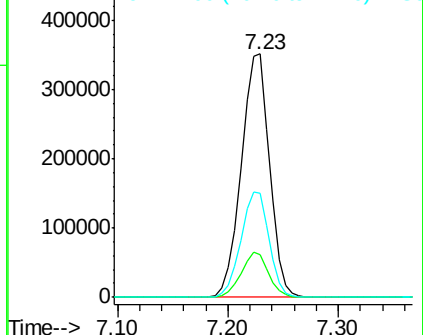
99 100

42 17.4 14.1 21.1

71 42.9 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: 46.477 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

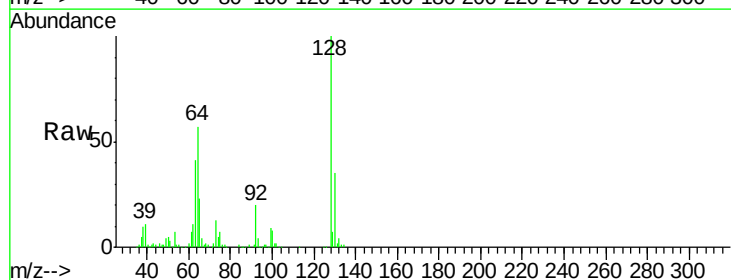
Tgt Ion: 128 Resp: 135598

Ion Ratio Lower Upper

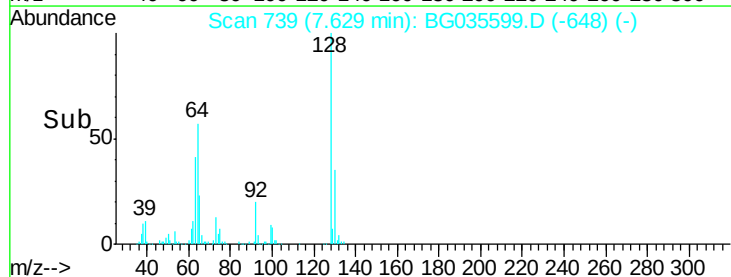
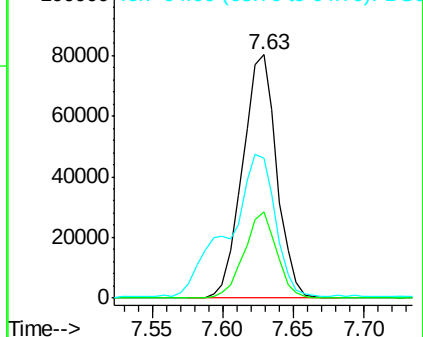
128 100

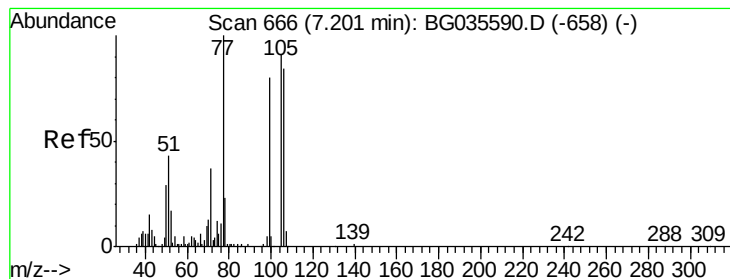
130 35.4 14.0 54.0

64 57.4 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: 35.224 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

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PB110986BS

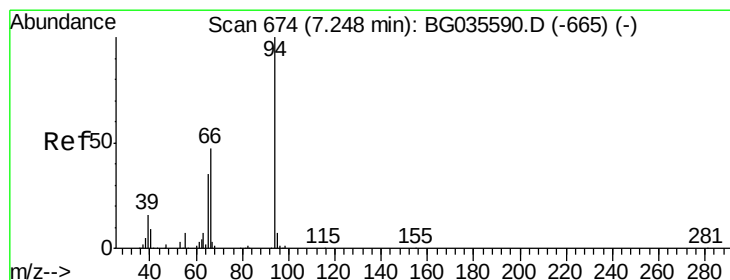
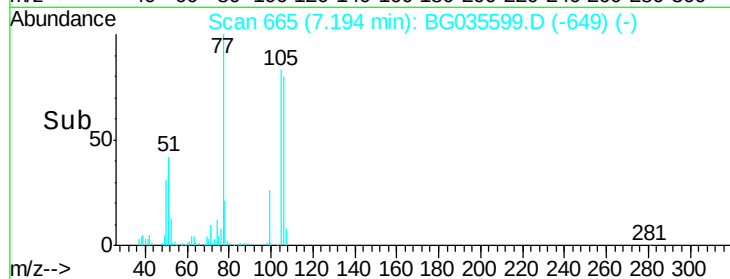
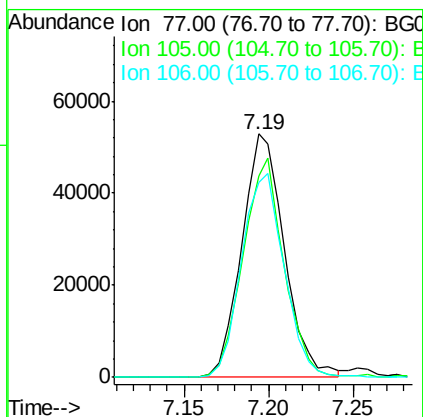
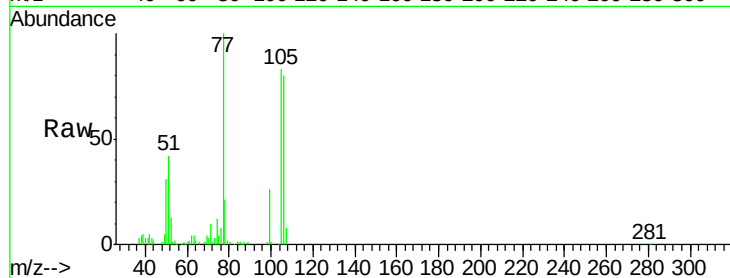
Tgt Ion: 77 Resp: 92502

Ion Ratio Lower Upper

77 100

105 82.9 71.3 111.3

106 80.1 64.2 104.2



#10

Phenol

Concen: 49.340 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

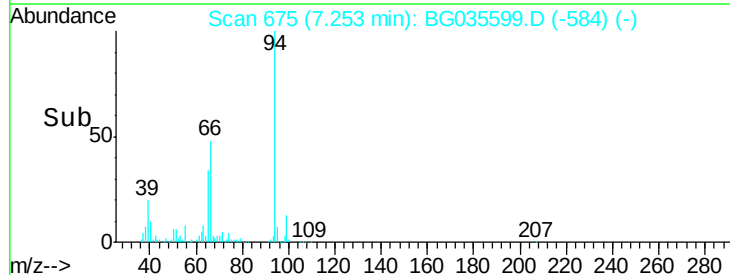
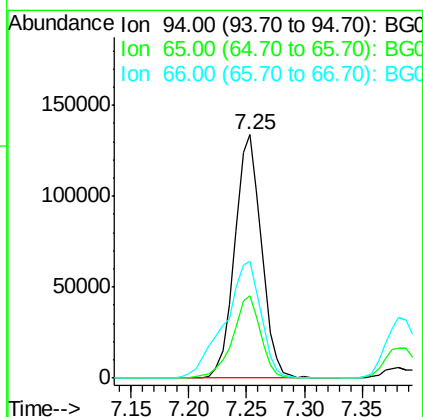
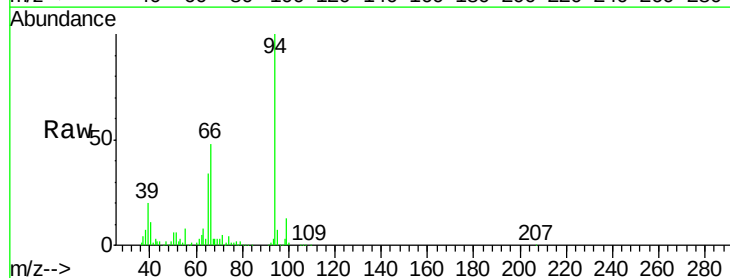
Tgt Ion: 94 Resp: 213349

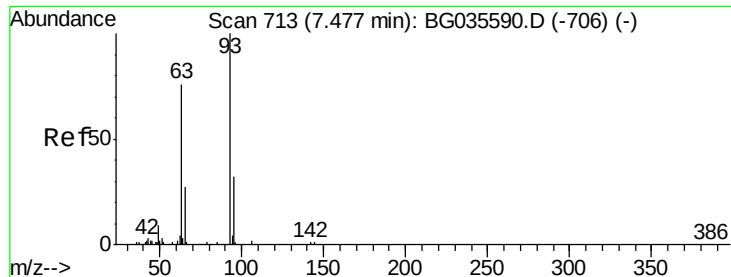
Ion Ratio Lower Upper

94 100

65 34.0 11.9 51.9

66 48.2 22.2 62.2

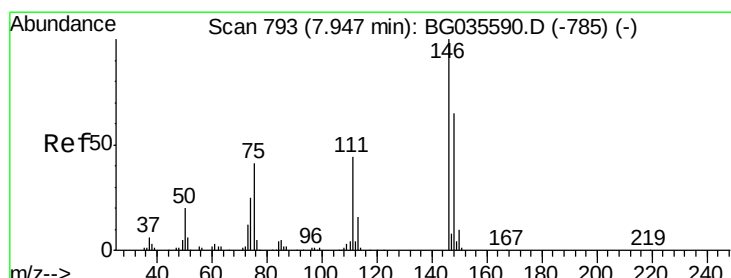
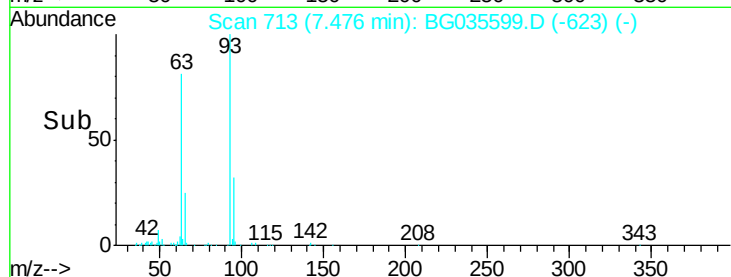
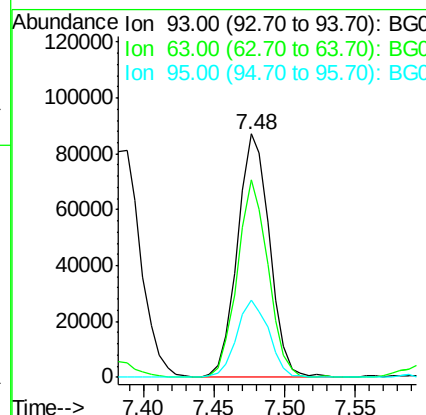
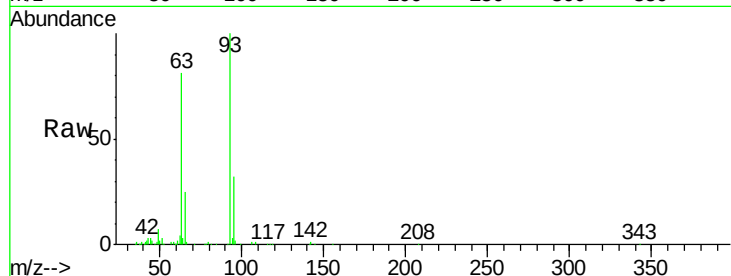




#11
bis(2-Chloroethyl)ether
Concen: 40.543 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

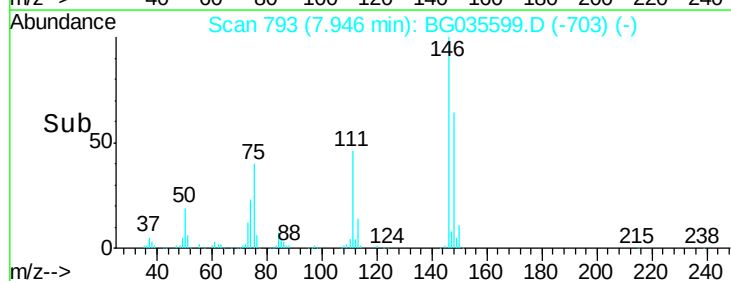
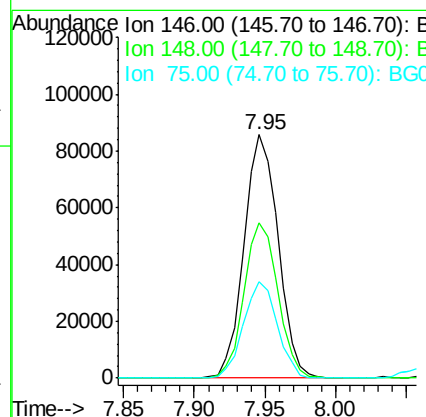
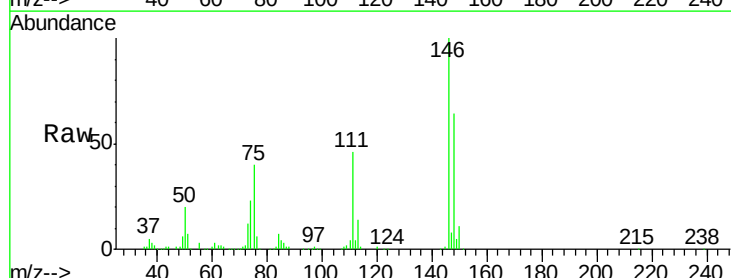
Instrument :
BNA_G
ClientSampleId :
PB110986BS

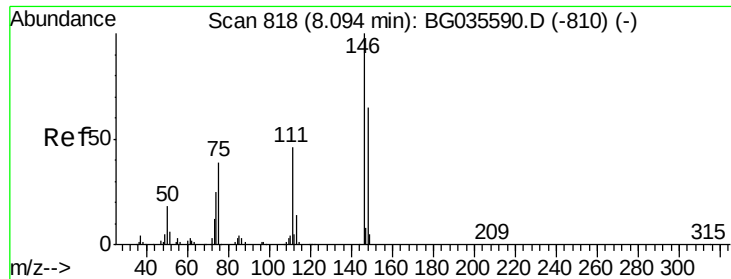
Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.3	67.1	107.1
95	31.6	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 41.194 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
75	39.7	26.6	39.8

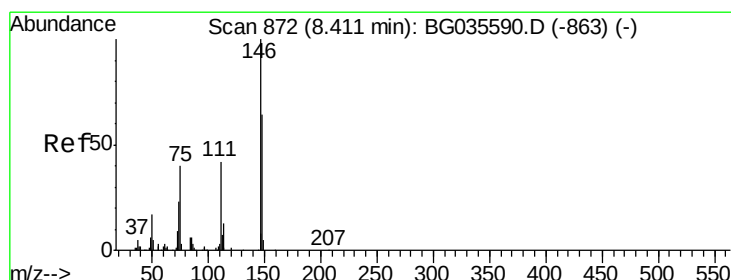
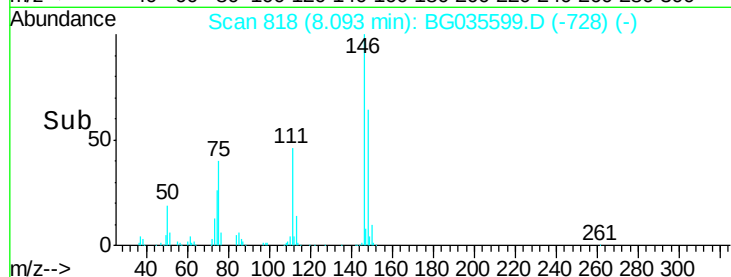
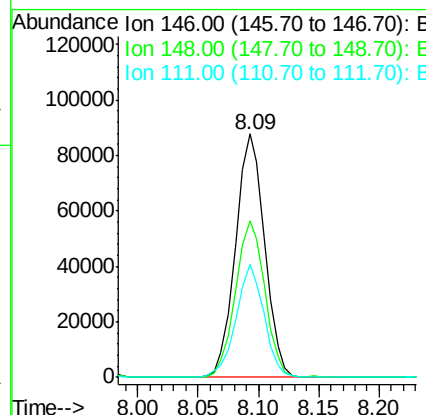
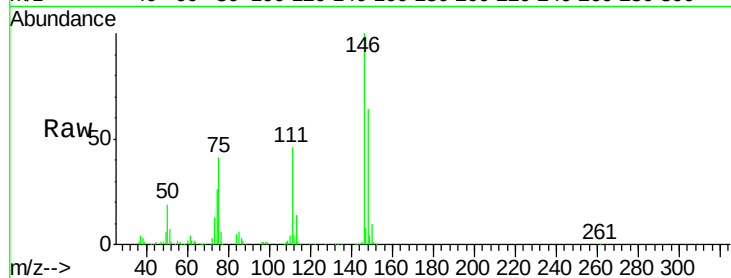




#13
 1,4-Dichlorobenzene
 Concen: 41.097 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

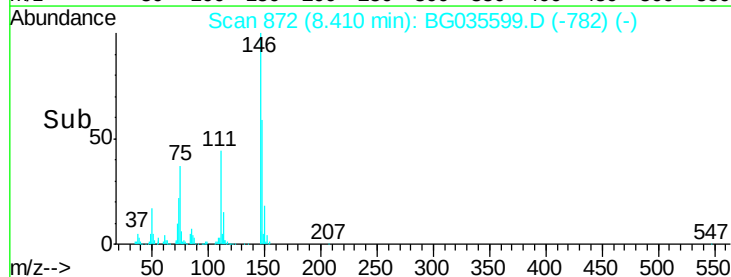
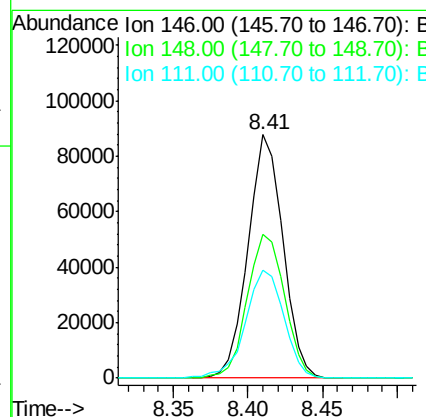
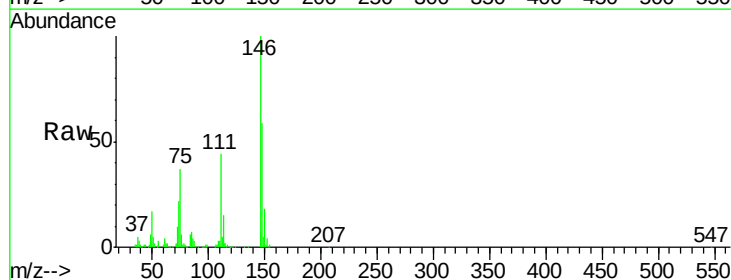
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

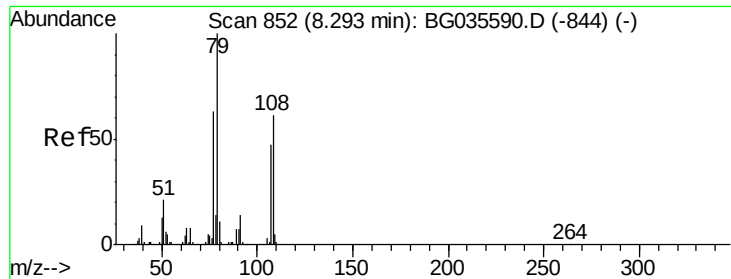
Tgt Ion:146 Resp: 147118
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.7 80.5
 111 46.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.350 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion:146 Resp: 142199
 Ion Ratio Lower Upper
 146 100
 148 59.2 49.3 73.9
 111 44.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 44.991 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

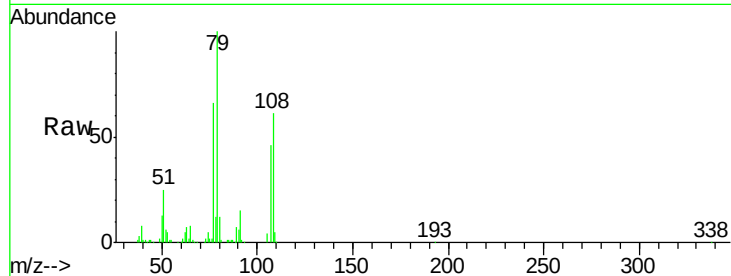
Tgt Ion: 79 Resp: 174863

Ion Ratio Lower Upper

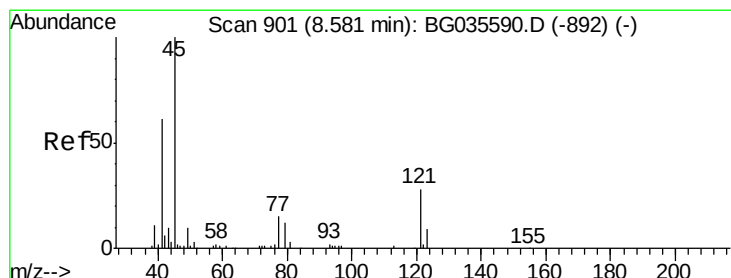
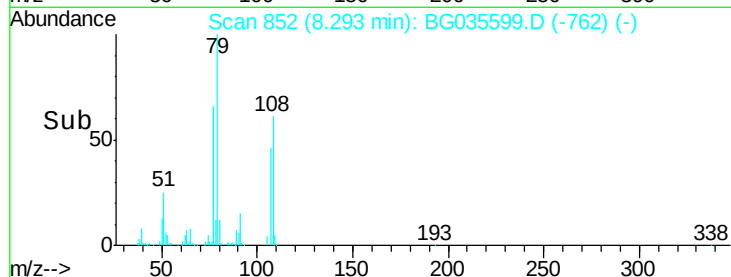
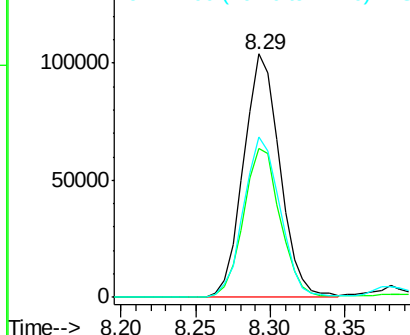
79 100

108 61.2 57.2 85.8

77 65.7 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: 57.161 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

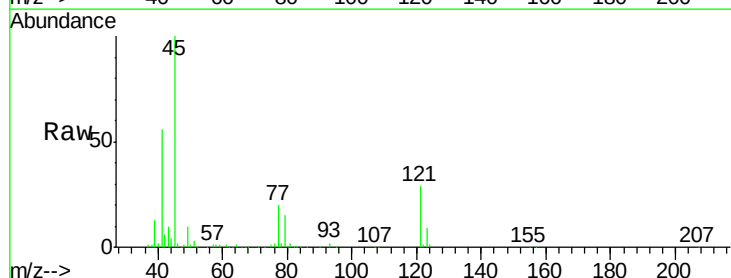
Tgt Ion: 45 Resp: 162281

Ion Ratio Lower Upper

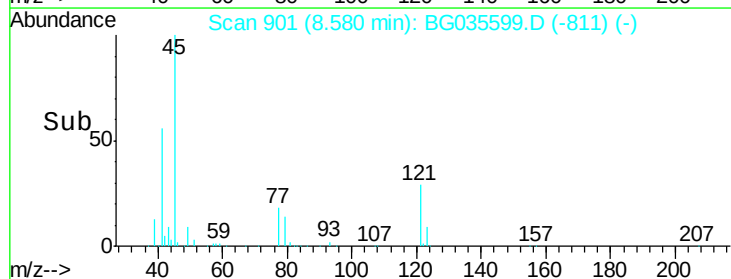
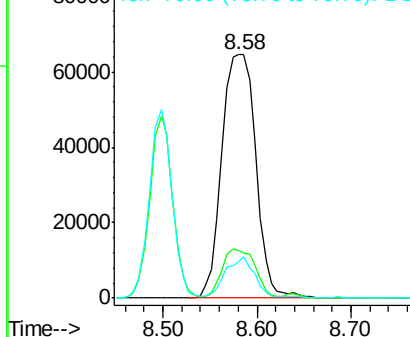
45 100

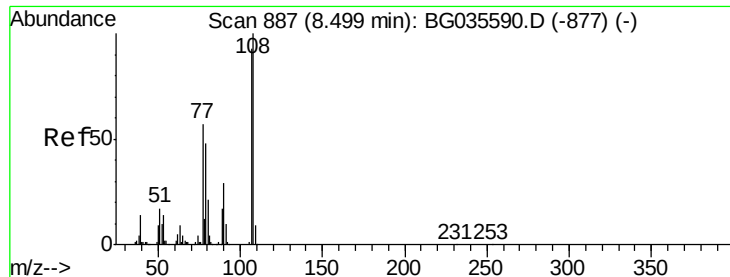
77 19.8 0.0 30.2

79 15.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.589 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

Tgt Ion:107 Resp: 139906

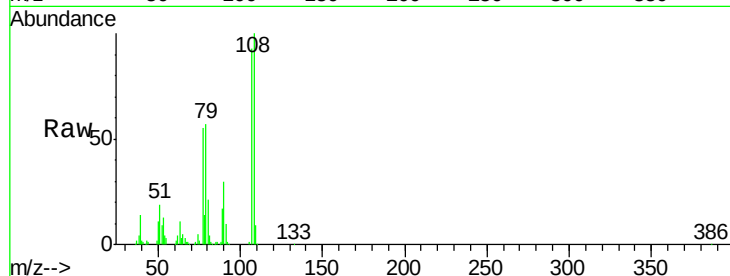
Ion Ratio Lower Upper

107 100

108 107.9 83.9 125.9

77 59.4 37.2 55.8#

79 61.4 36.2 54.2#

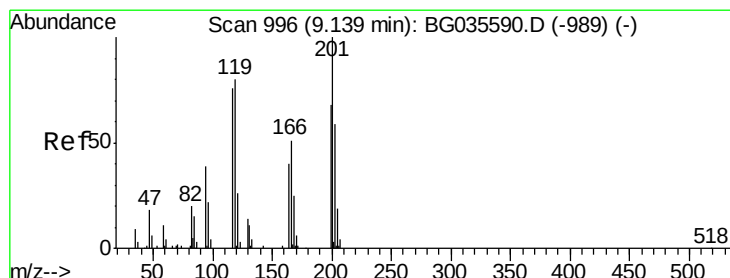
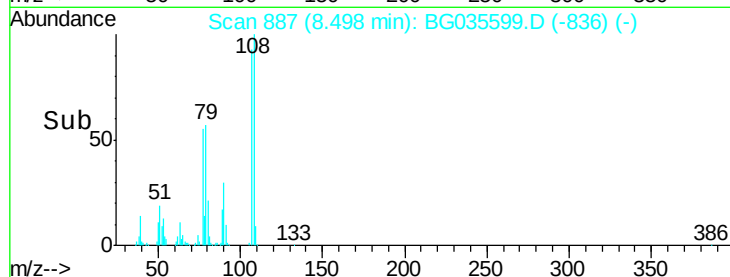
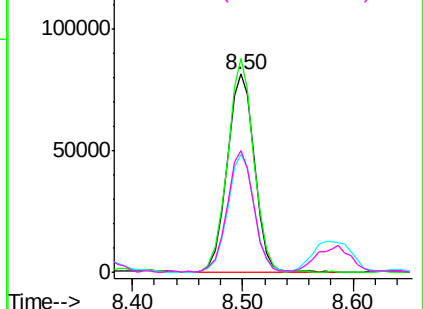


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.560 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

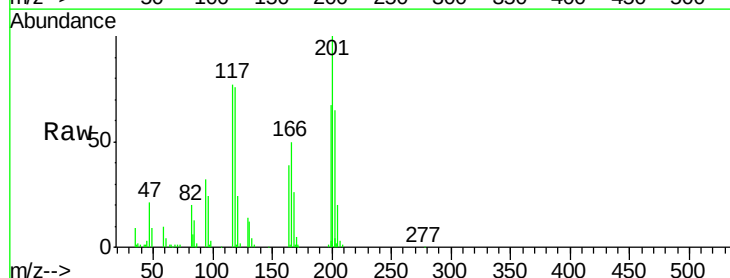
Tgt Ion:117 Resp: 52778

Ion Ratio Lower Upper

117 100

119 99.2 76.7 115.1

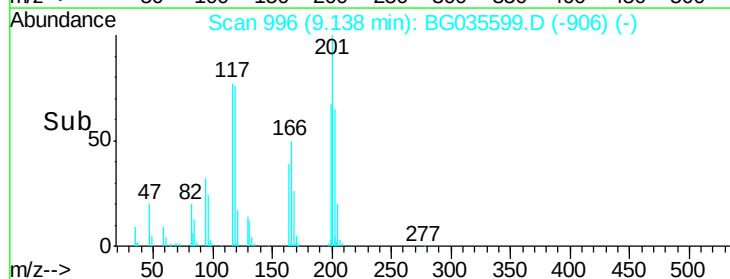
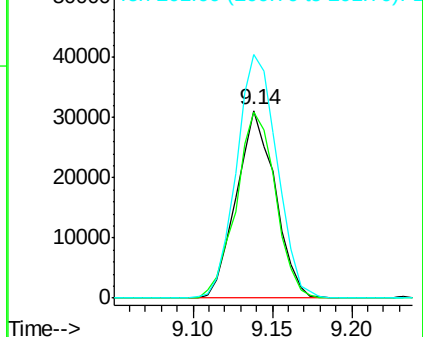
201 129.7 95.7 143.5

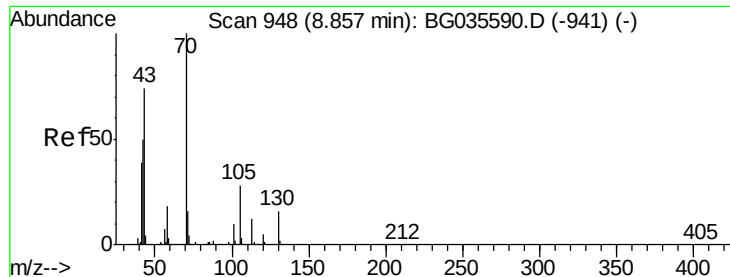


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

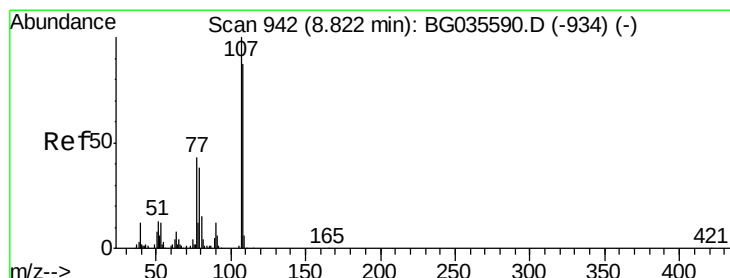
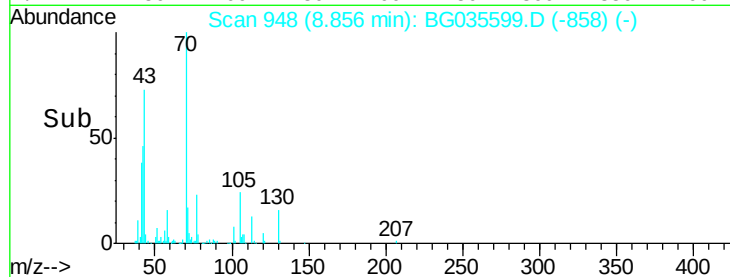
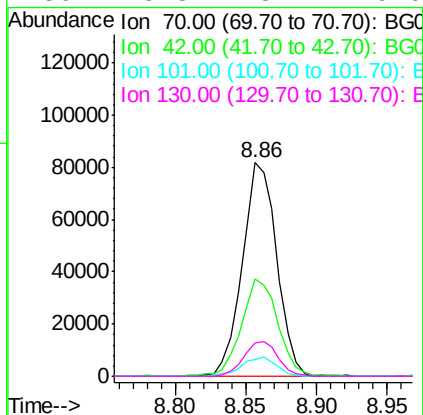
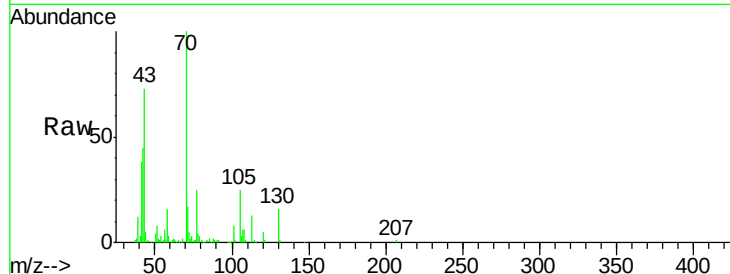




#19
n-Nitroso-di-n-propylamine
Concen: 38.677 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

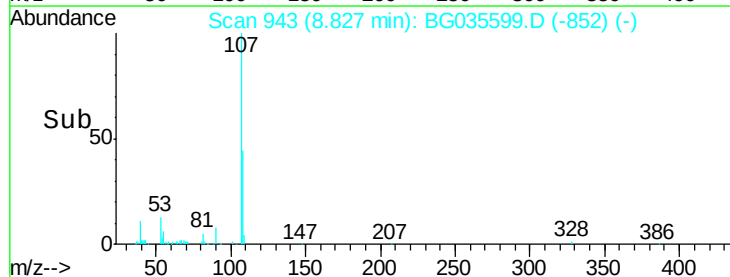
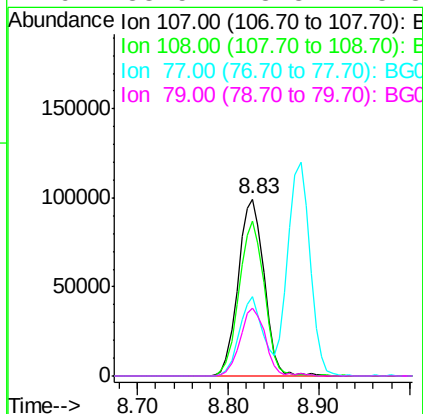
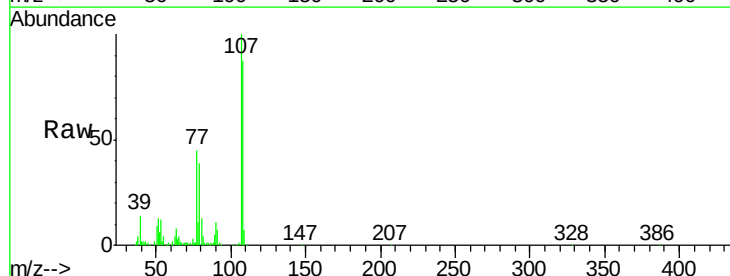
Instrument :
BNA_G
ClientSampleId :
PB110986BS

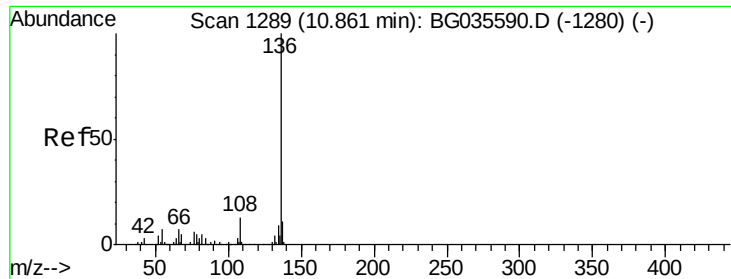
Tgt Ion:	70	Resp:	139394
Ion	Ratio	Lower	Upper
70	100		
42	45.4	49.1	73.7#
101	8.0	8.5	12.7#
130	15.8	13.4	20.0



#20
3+4-Methylphenols
Concen: 48.320 ng
RT: 8.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion:	107	Resp:	197072
Ion	Ratio	Lower	Upper
107	100		
108	87.2	61.6	101.6
77	44.5	13.9	53.9
79	38.5	8.8	48.8

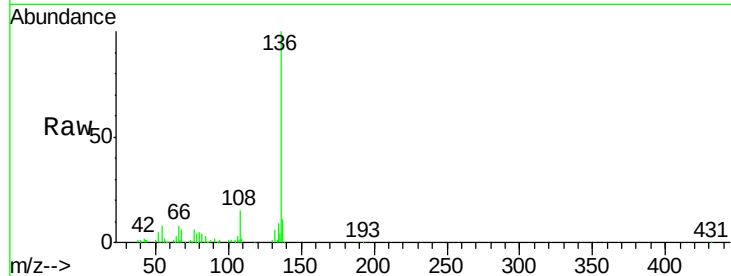




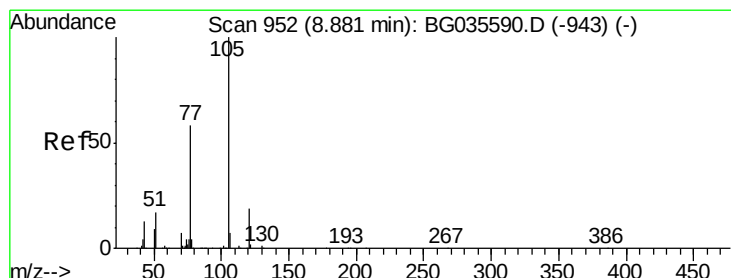
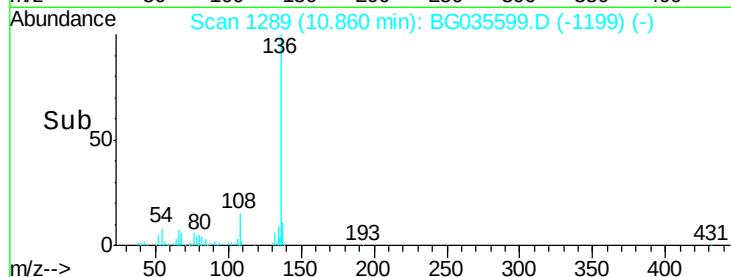
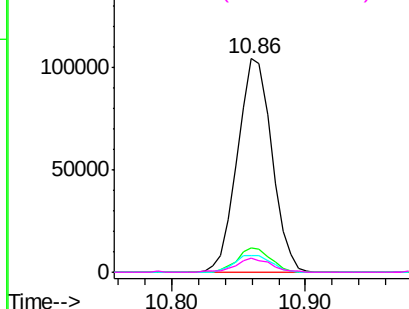
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Instrument :
BNA_G
ClientSampleId :
PB110986BS

Tgt Ion:	136	Resp:	186505
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.0	10.3	15.5#
68	6.4	4.5	6.7

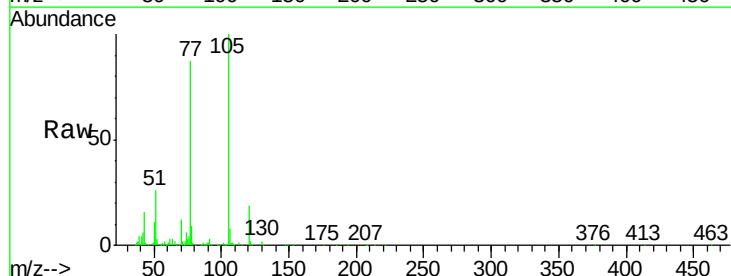


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

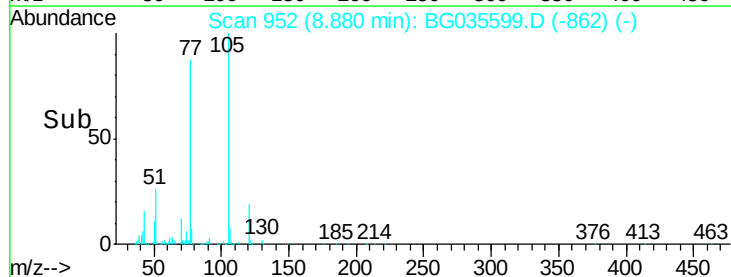
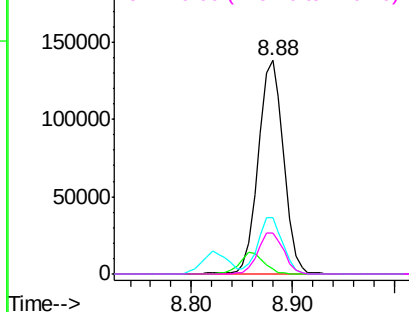


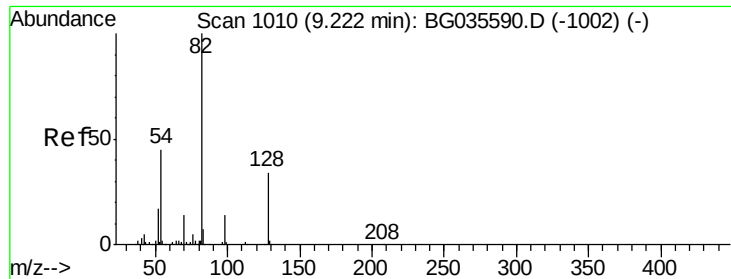
#22
Acetophenone
Concen: 41.549 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion:	105	Resp:	240973
Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.0	4.4#
51	26.4	26.1	39.1
120	19.3	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

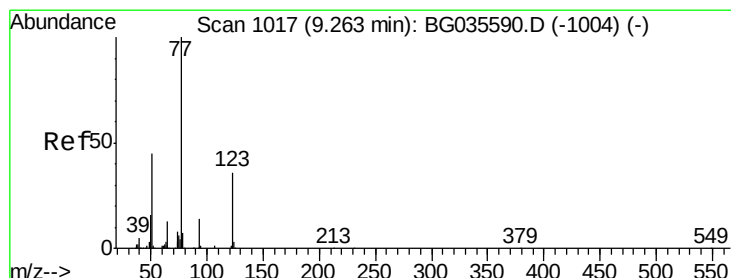
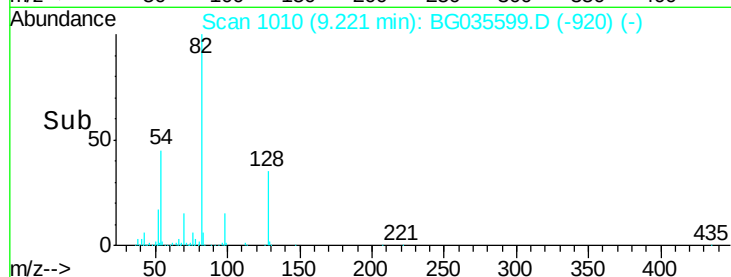
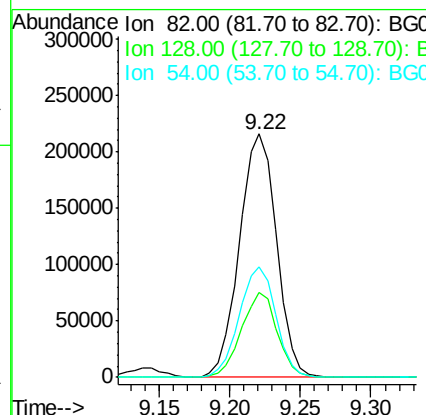
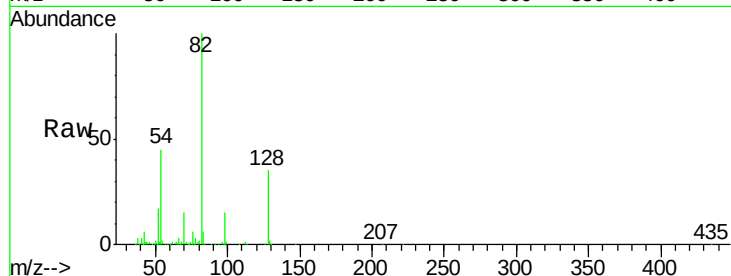




#23
 Nitrobenzene-d5
 Concen: 88.660 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

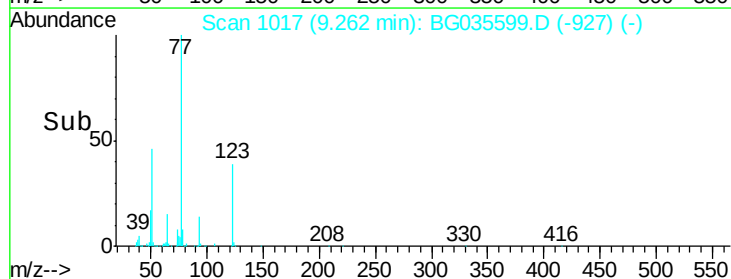
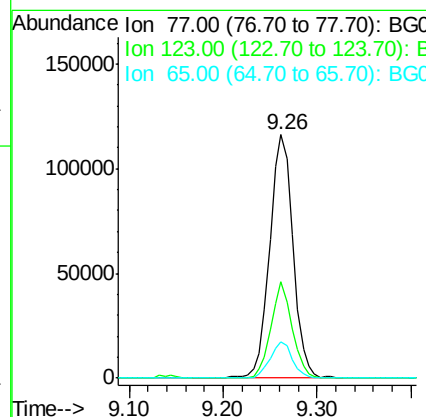
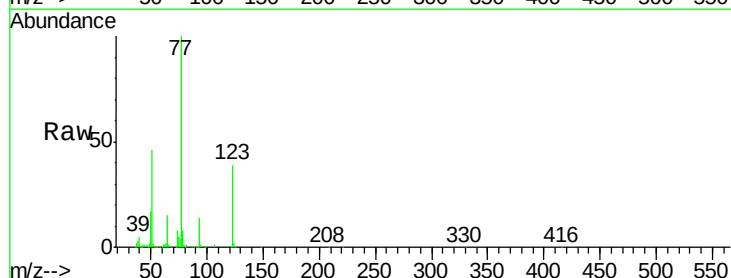
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

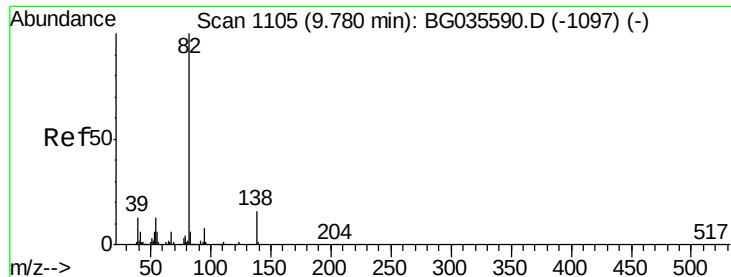
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	45.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 44.488 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	33.0	49.6
65	14.6	13.0	19.6





#25

Isophorone

Concen: 46.281 ng

RT: 9.78 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

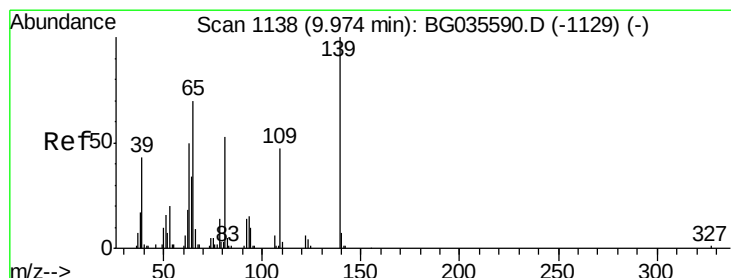
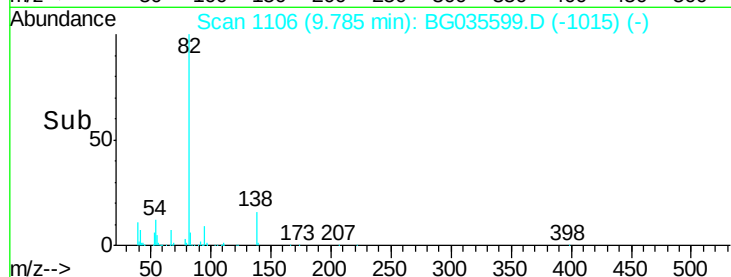
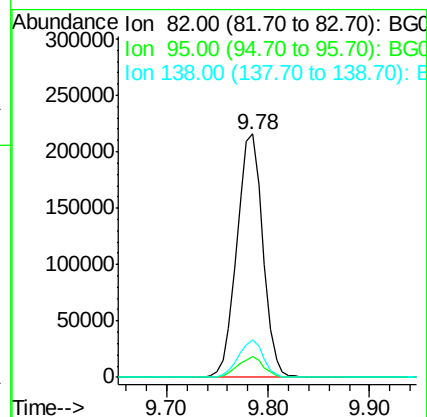
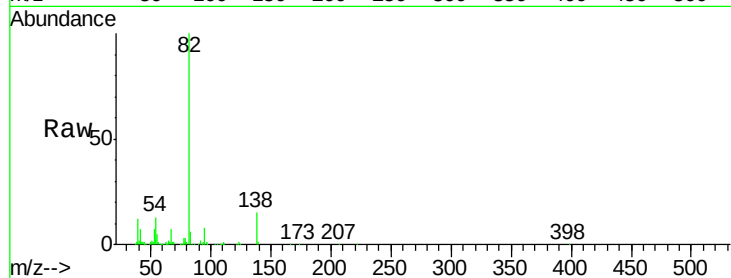
Tgt Ion: 82 Resp: 383560

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

138 15.2 12.1 18.1



#26

2-Nitrophenol

Concen: 48.963 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

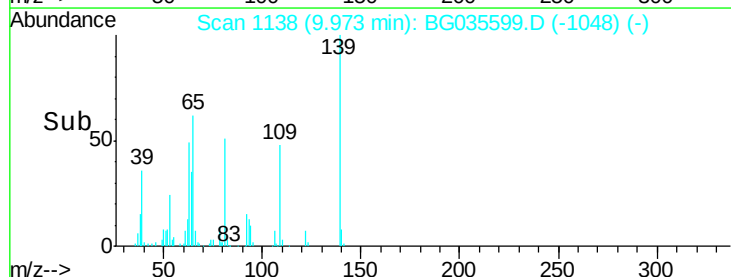
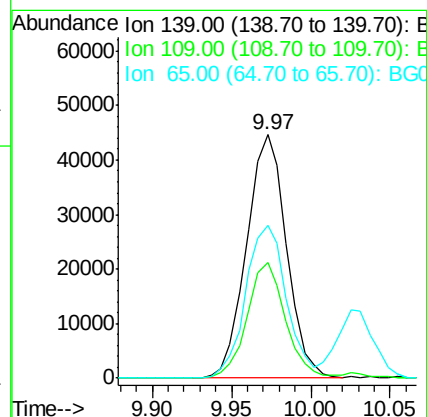
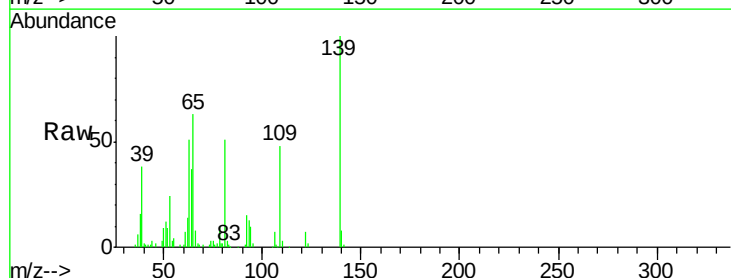
Tgt Ion: 139 Resp: 78077

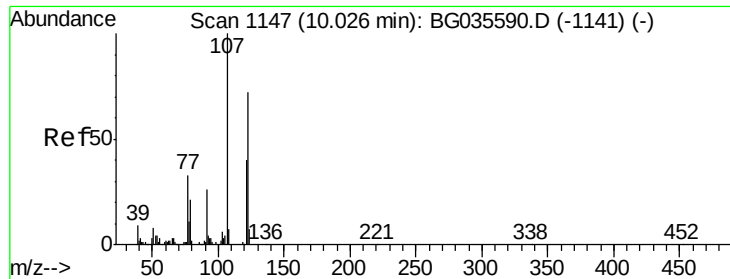
Ion Ratio Lower Upper

139 100

109 47.6 24.2 36.2#

65 62.8 47.4 71.0

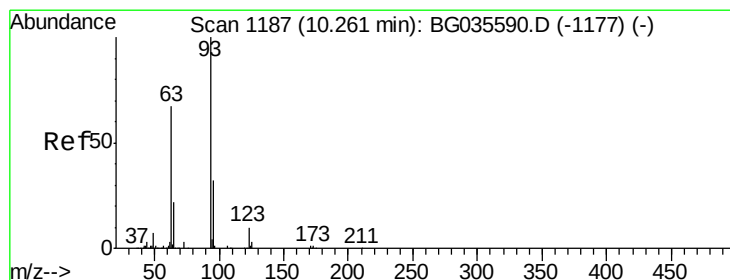
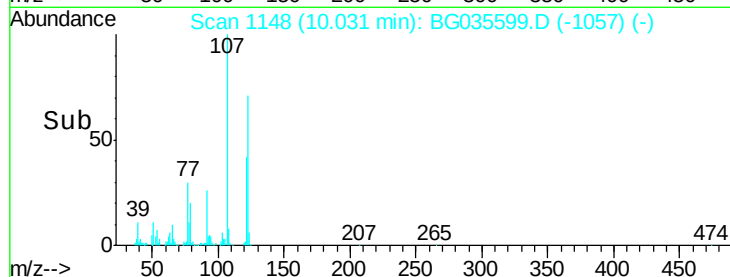
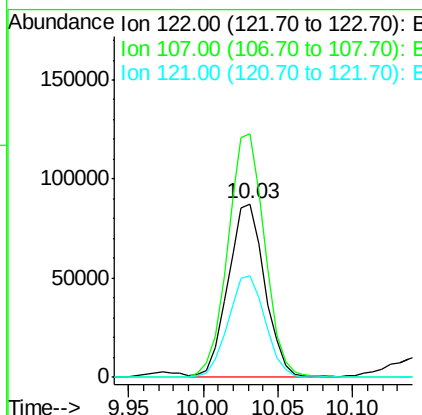
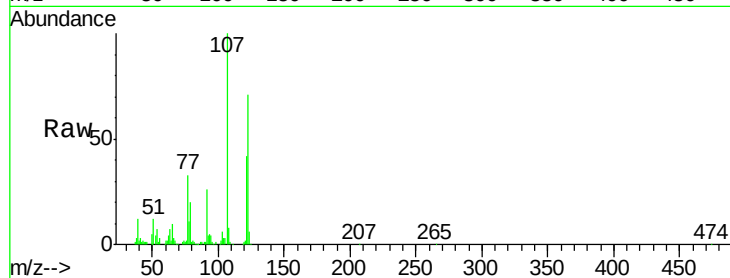




#27
2,4-Dimethylphenol
Concen: 55.710 ng
RT: 10.03 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

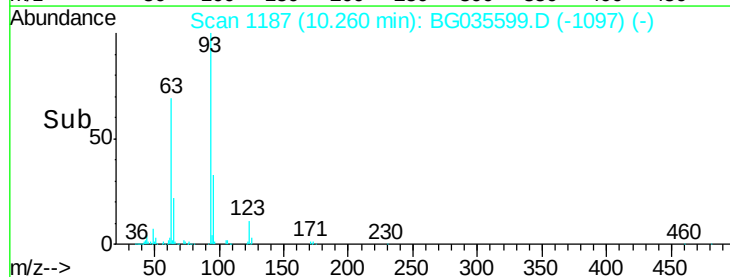
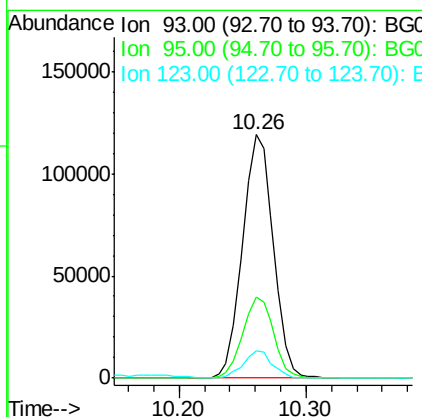
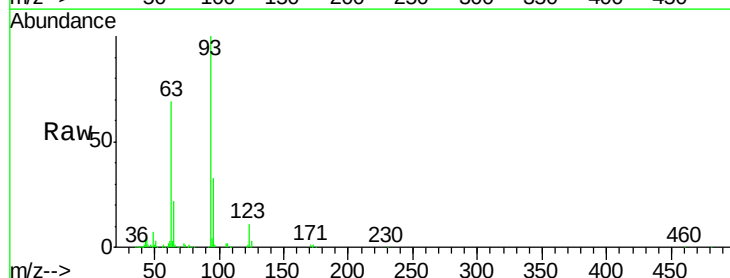
Instrument :
BNA_G
ClientSampleId :
PB110986BS

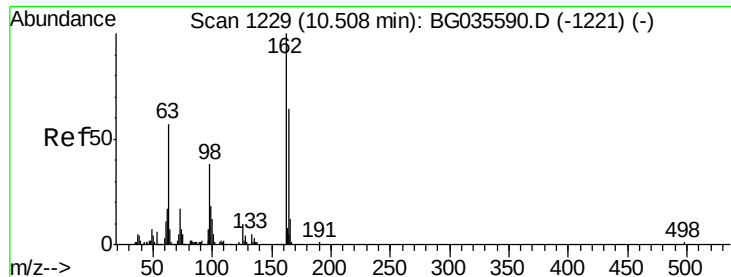
Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.3	100.2	150.2
121	58.3	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.951 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	11.0	8.4	12.6

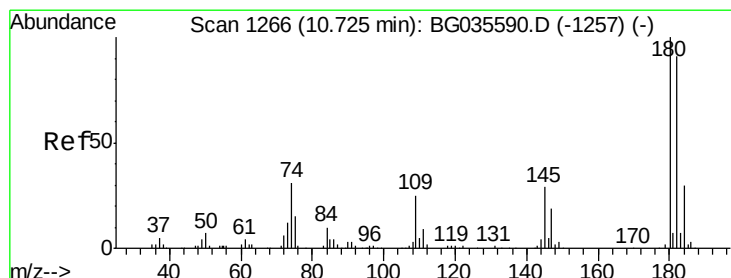
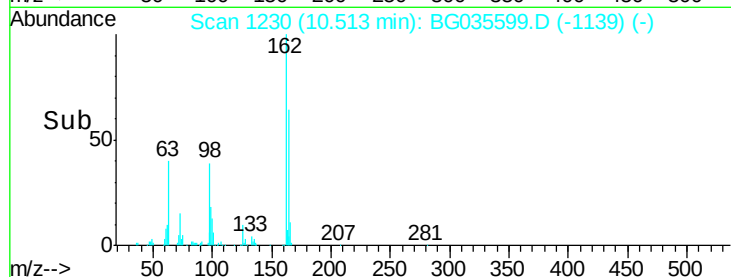
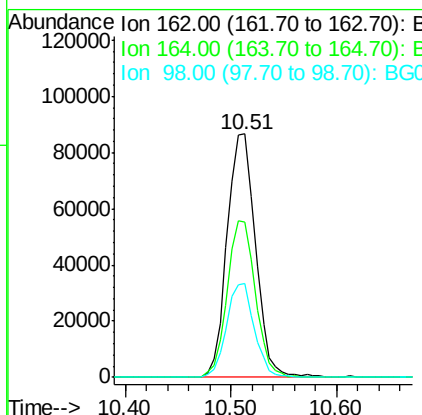
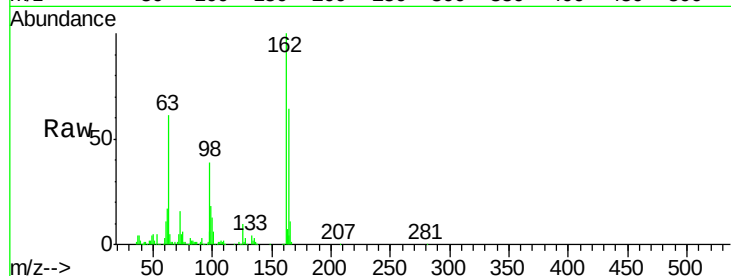




#29
2,4-Dichlorophenol
Concen: 52.310 ng
RT: 10.51 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

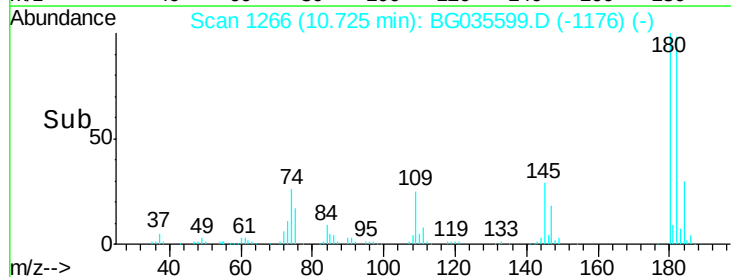
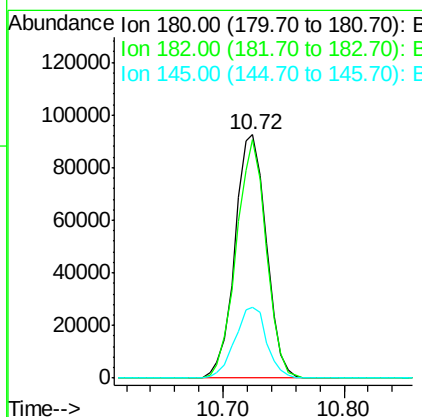
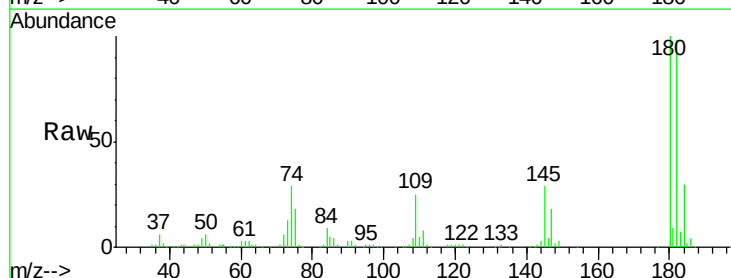
Instrument :
BNA_G
ClientSampleId :
PB110986BS

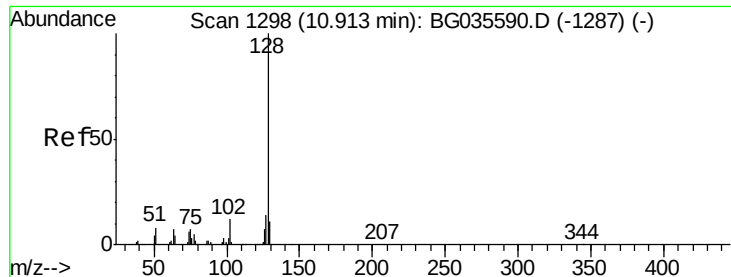
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	48.0	88.0
98	38.6	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 44.306 ng
RT: 10.72 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.5	116.3
145	29.0	23.4	35.2

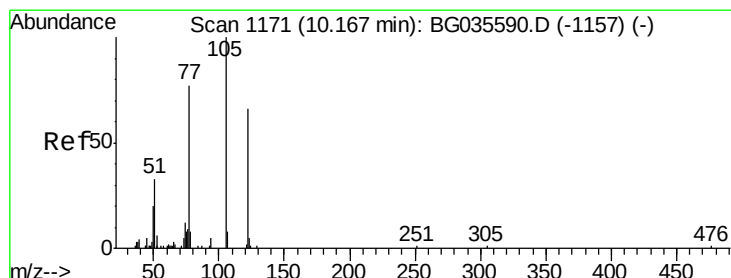
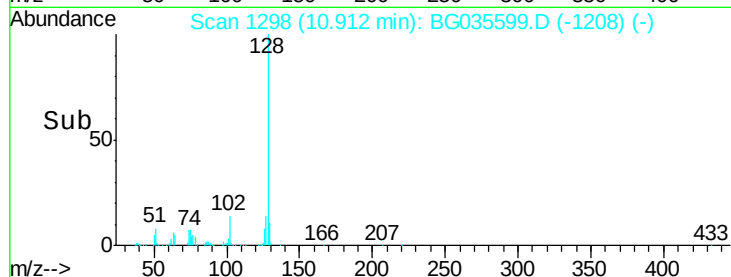
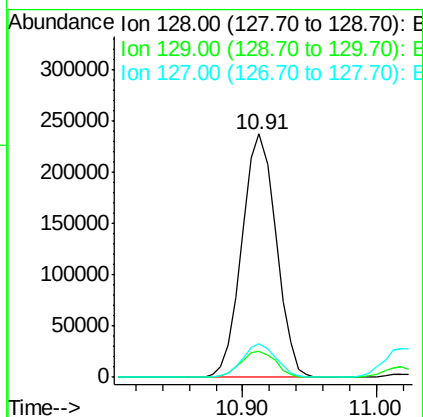
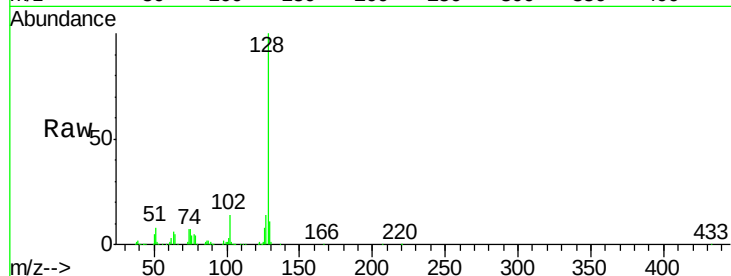




#31
Naphthalene
Concen: 43.291 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

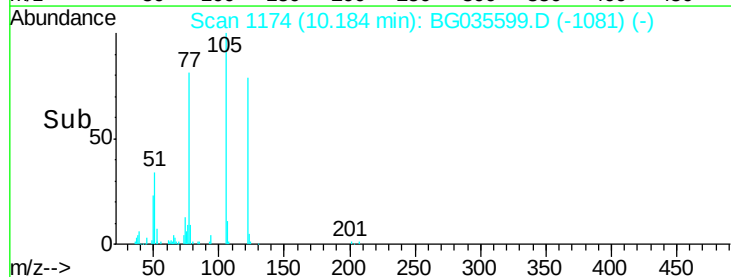
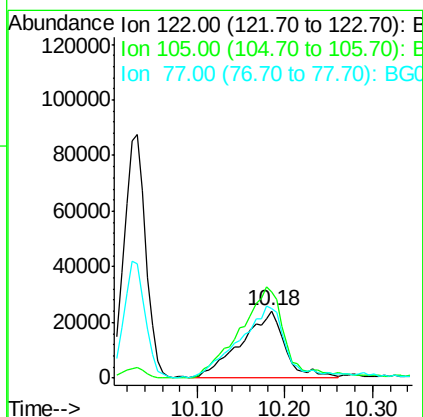
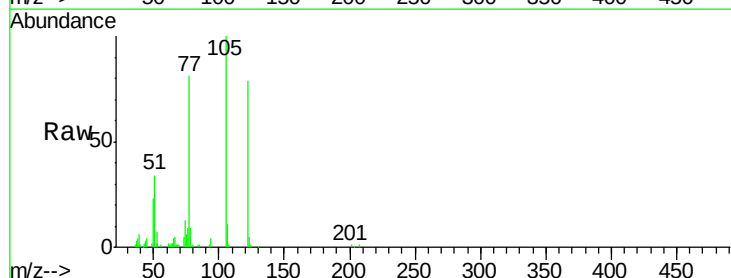
Instrument :
BNA_G
ClientSampleId :
PB110986BS

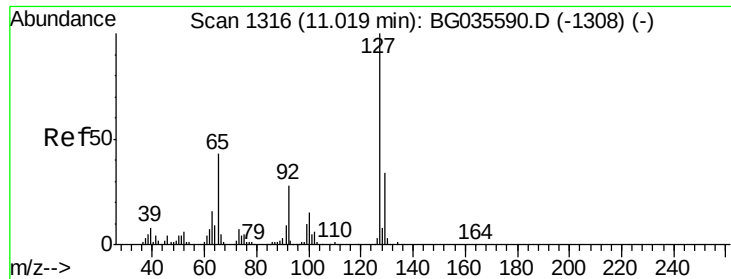
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.6	11.6	17.4



#32
Benzoic acid
Concen: 46.016 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.8	123.5	163.5
77	102.2	85.7	125.7

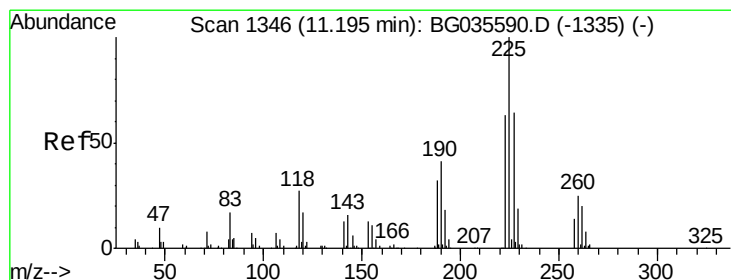
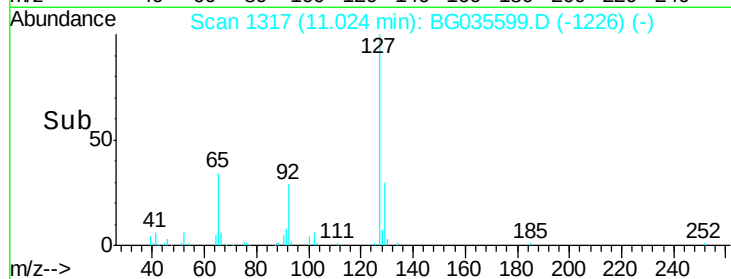
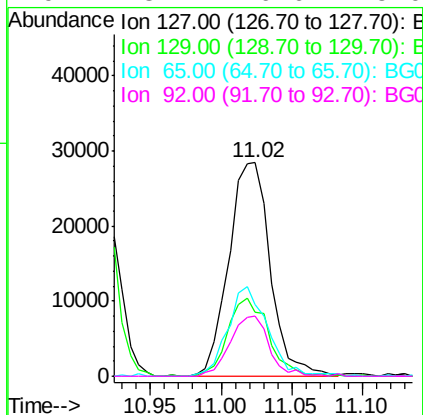
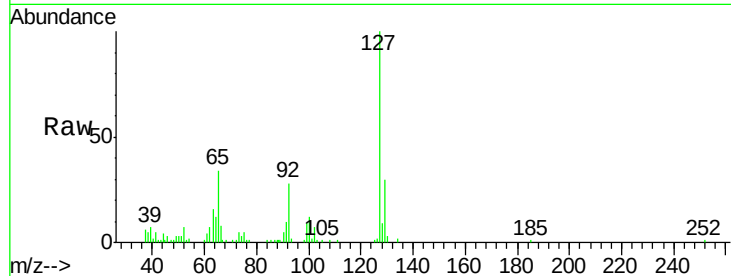




#33
4-Chloroaniline
Concen: 13.777 ng
RT: 11.02 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

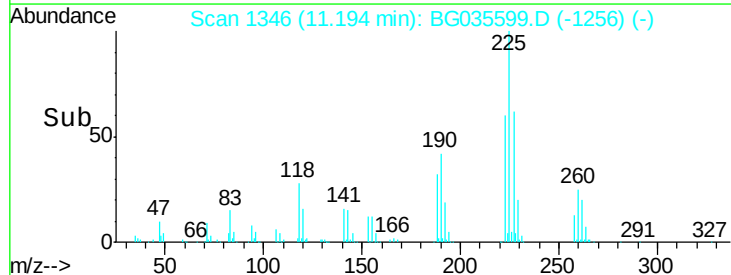
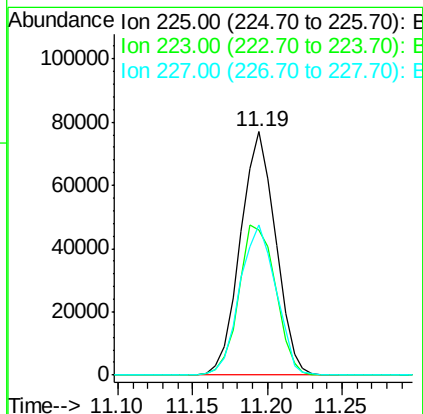
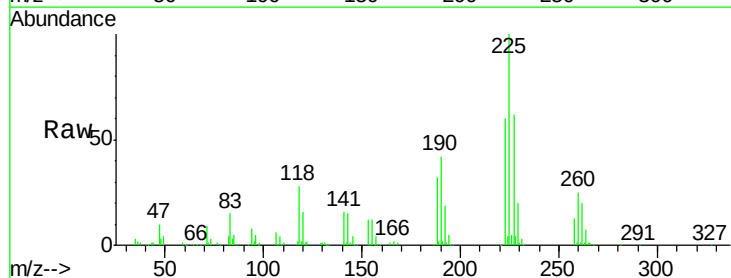
Instrument :
BNA_G
ClientSampleId :
PB110986BS

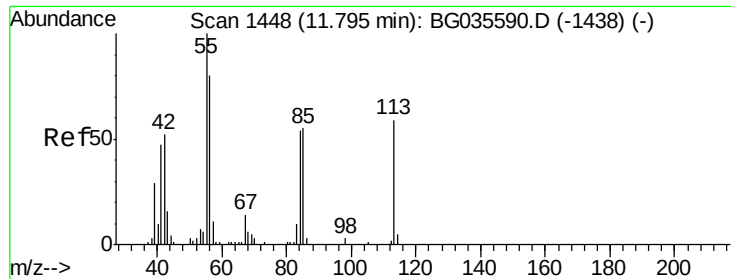
Tgt Ion:	127	Resp:	58336
Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.0	36.0
65	33.8	27.0	40.4
92	28.2	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 42.764 ng
RT: 11.19 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion:	225	Resp:	125991
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.7	74.5
227	61.6	48.1	72.1

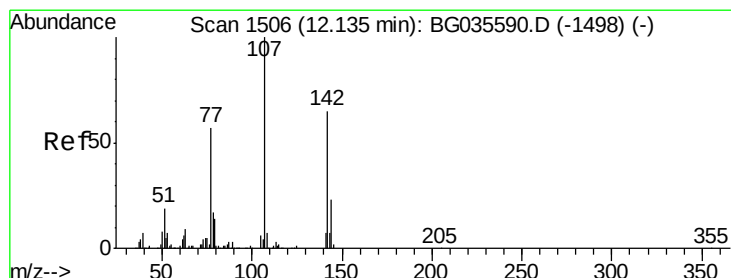
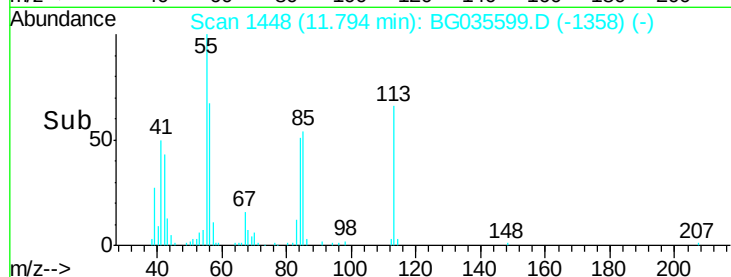
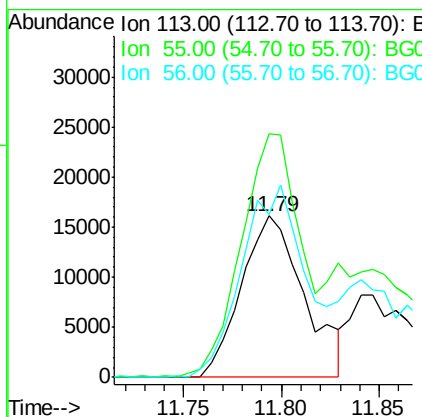
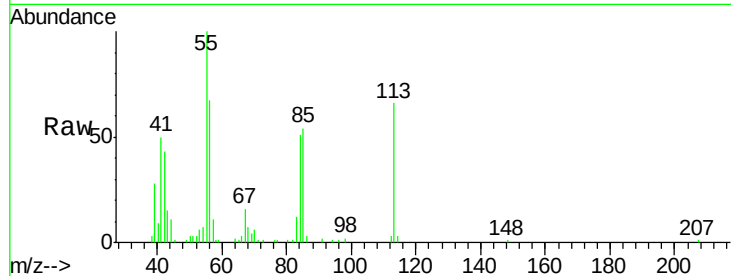




#35
 Caprolactam
 Concen: 27.118 ng
 RT: 11.79 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

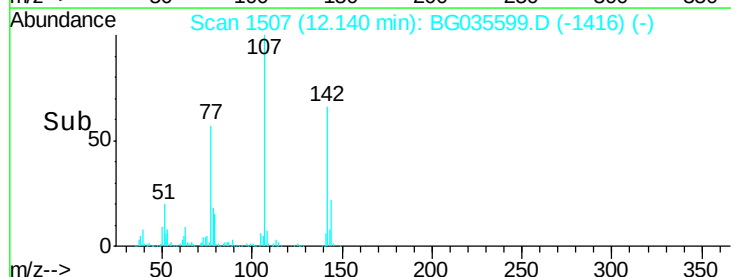
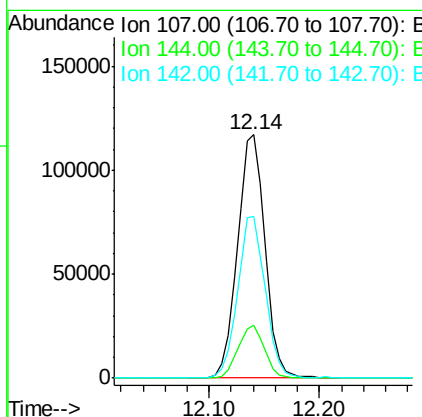
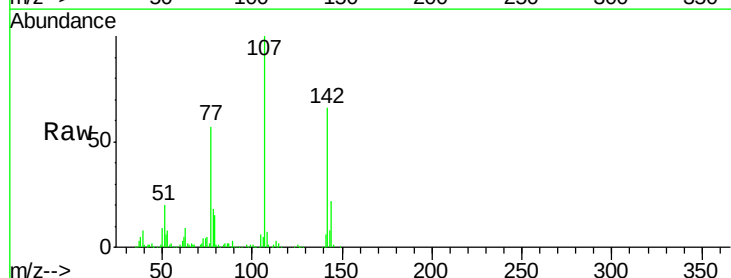
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

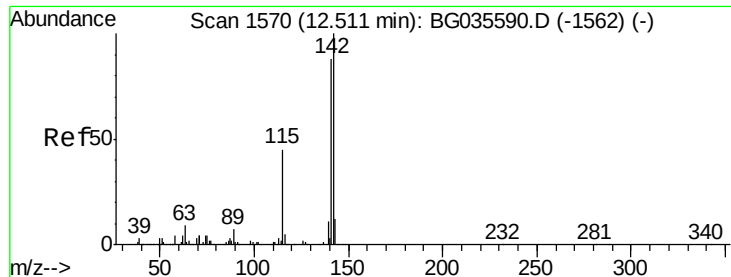
Tgt Ion:113 Resp: 35857
 Ion Ratio Lower Upper
 113 100
 55 150.7 186.9 226.9#
 56 100.8 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 49.650 ng
 RT: 12.14 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion:107 Resp: 205058
 Ion Ratio Lower Upper
 107 100
 144 21.9 18.2 27.4
 142 66.2 59.0 88.4





#37

2-Methylnaphthalene

Concen: 45.737 ng

RT: 12.51 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

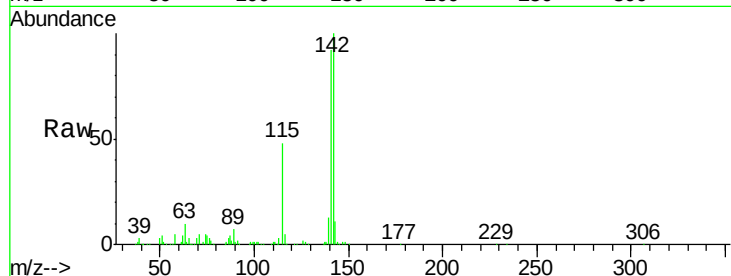
Tgt Ion:142 Resp: 331041

Ion Ratio Lower Upper

142 100

141 92.3 67.1 100.7

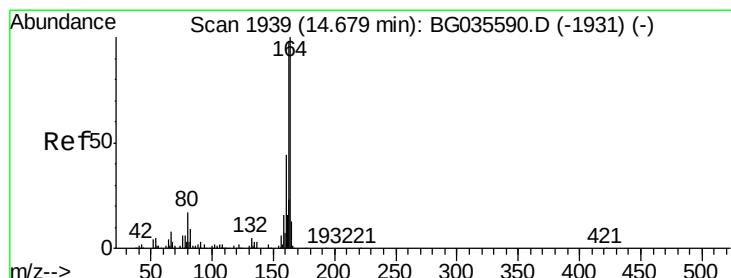
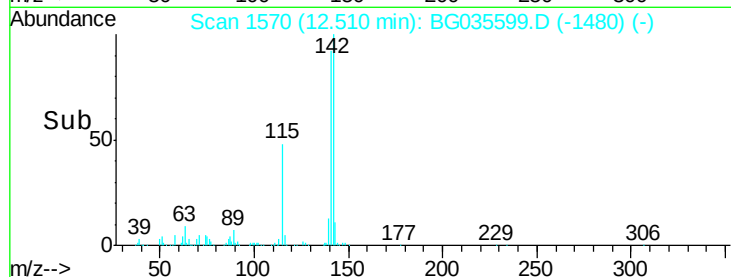
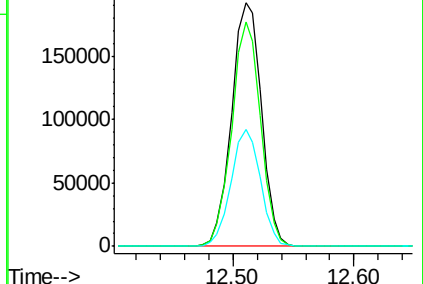
115 48.2 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

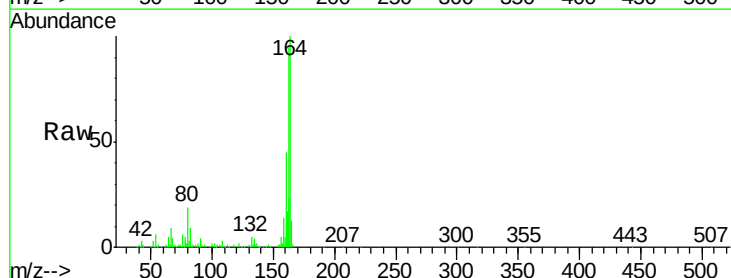
Tgt Ion:164 Resp: 136739

Ion Ratio Lower Upper

164 100

162 96.4 78.8 118.2

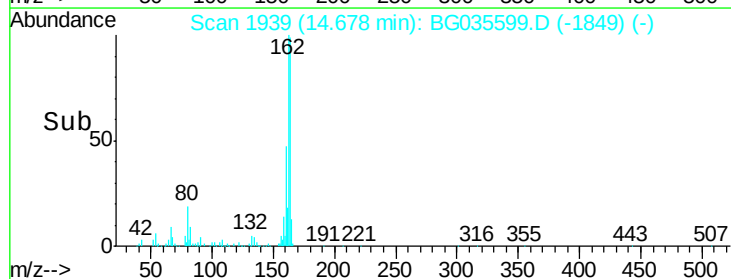
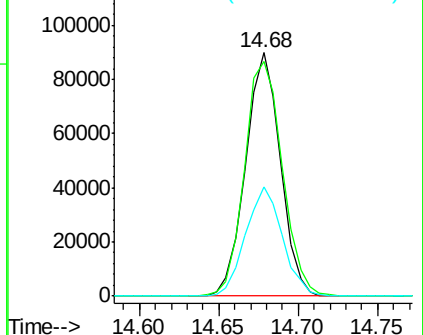
160 45.0 35.4 53.0

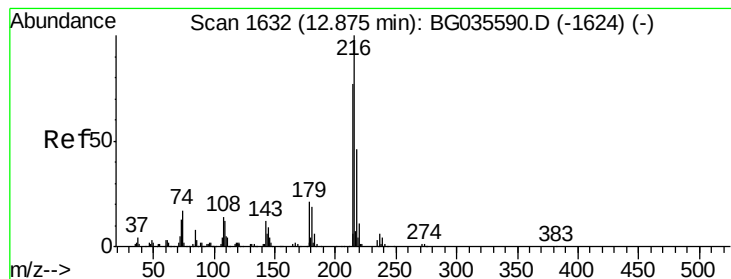


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.484 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

Tgt Ion:216 Resp: 224423

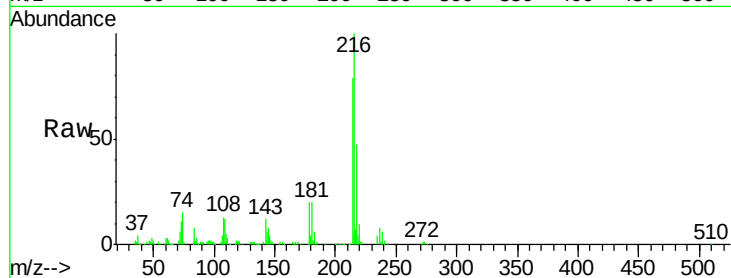
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.6 17.0 25.6

108 17.6 12.8 19.2

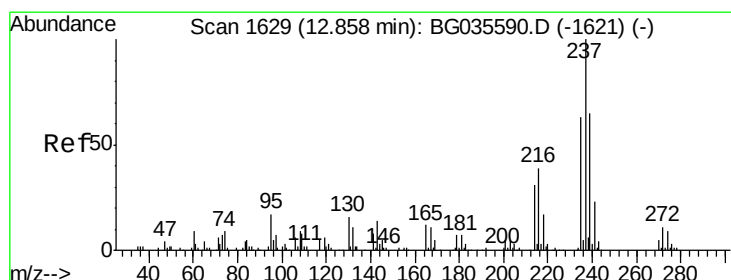
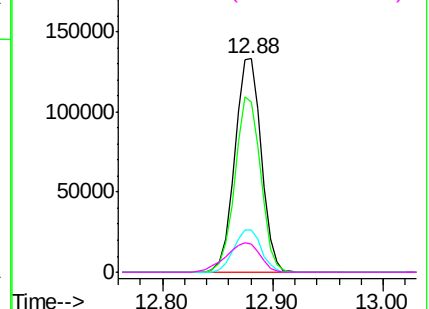
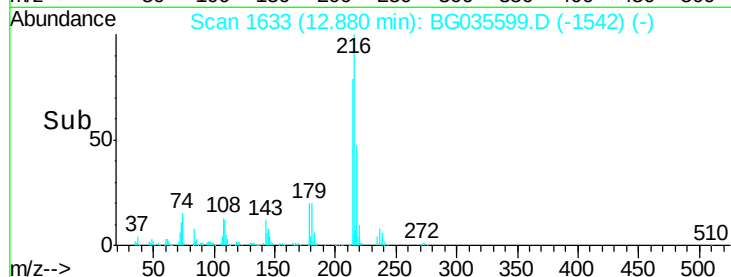


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 113.646 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

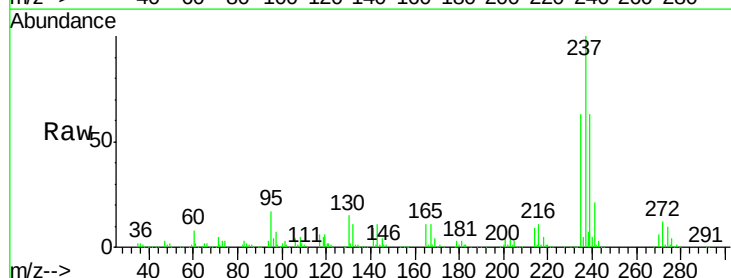
Tgt Ion:237 Resp: 307599

Ion Ratio Lower Upper

237 100

235 62.6 50.4 90.4

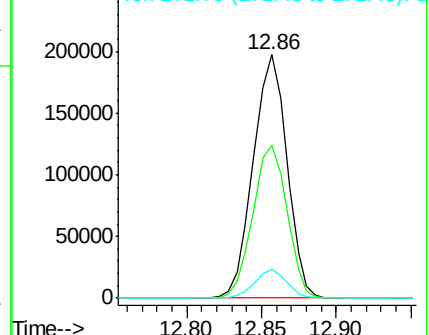
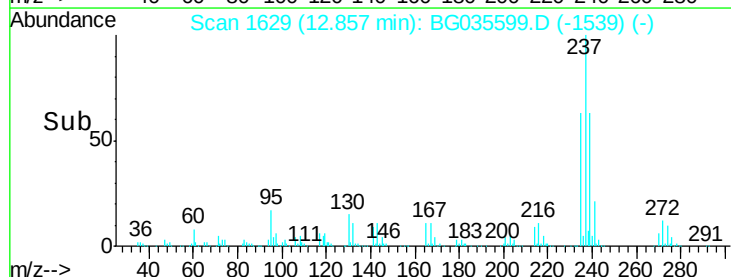
272 11.6 0.0 31.8

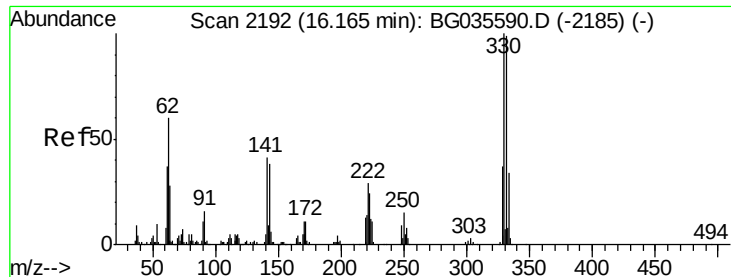


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

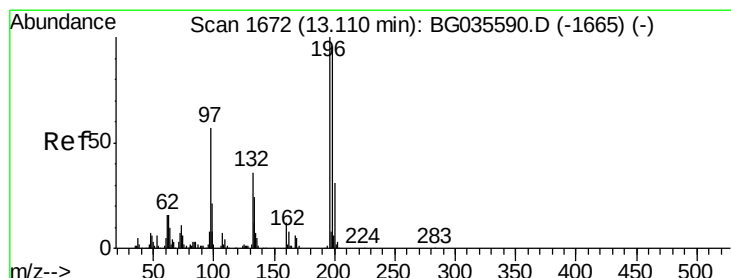
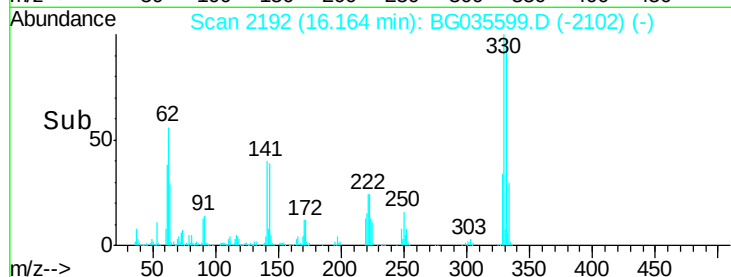
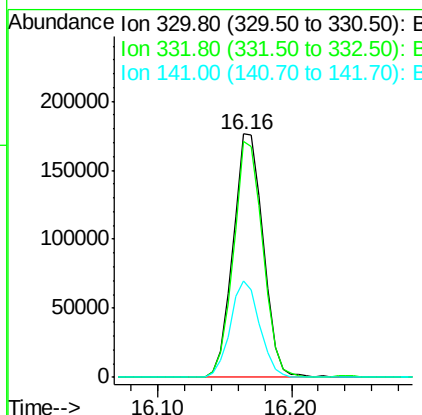
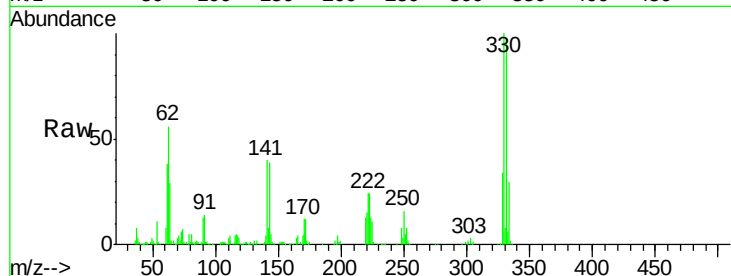




#41
 2,4,6-Tribromophenol
 Concen: 153.545 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

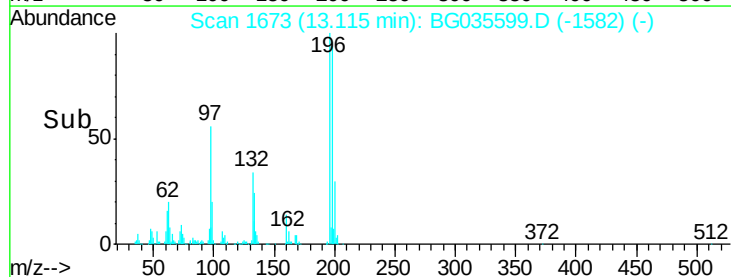
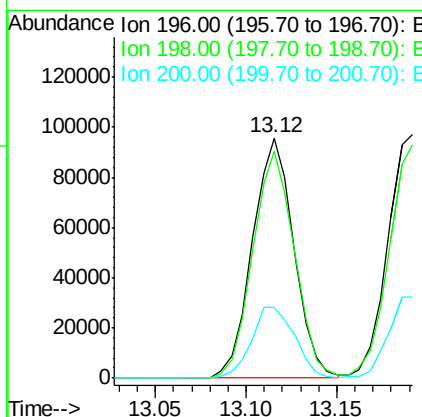
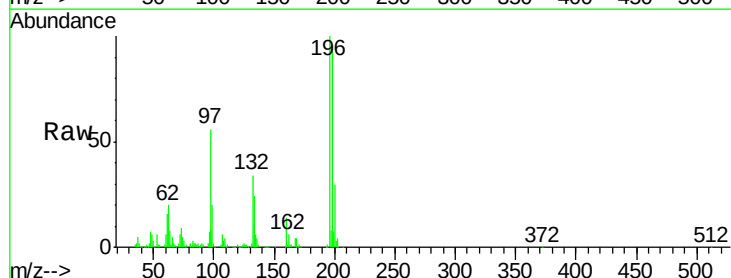
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

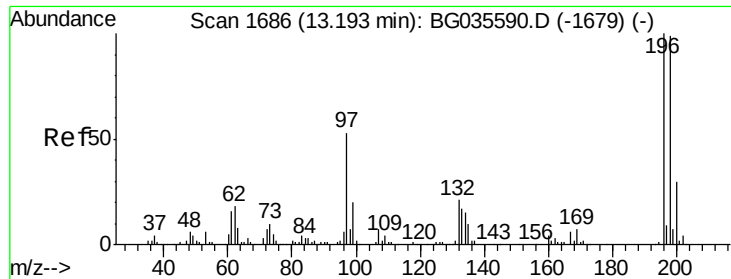
Tgt Ion:330 Resp: 276736
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 38.8 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 50.274 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion:196 Resp: 151735
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.2 117.2
 200 29.6 24.6 36.8





#43

2,4,5-Trichlorophenol

Concen: 49.846 ng

RT: 13.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

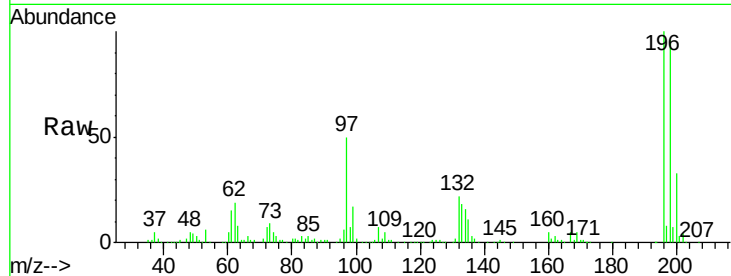
Instrument :

BNA_G

ClientSampleId :

PB110986BS

Tgt Ion:	196	Resp:	168301
Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.2	114.4
97	49.6	38.7	58.1
132	22.0	20.2	30.2

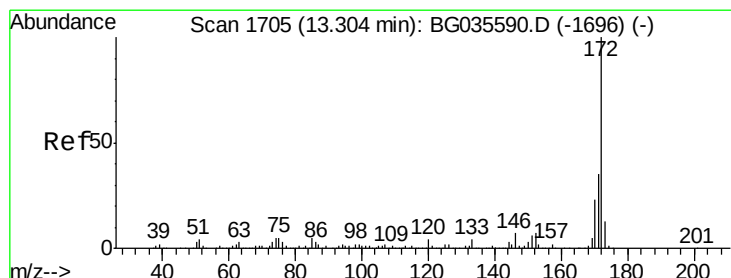
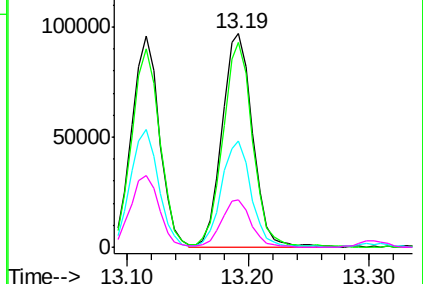
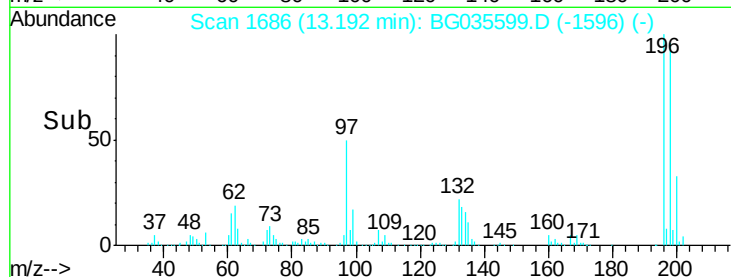


Abundance Ion 196.00 (195.70 to 196.70): E

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: 88.324 ng

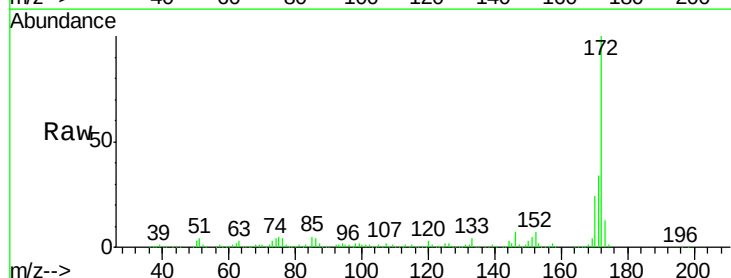
RT: 13.30 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

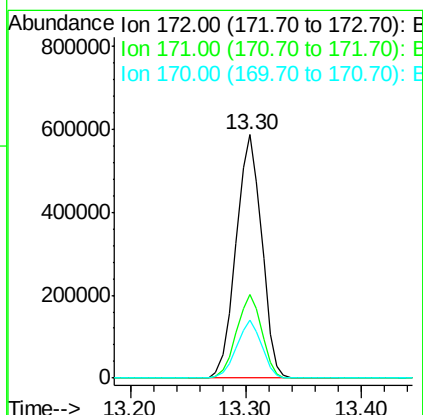
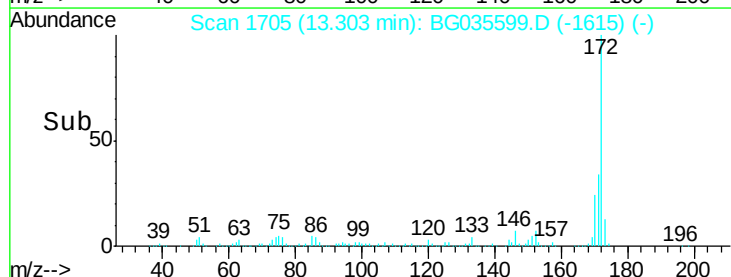
Tgt Ion:	172	Resp:	901468
Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.7	19.5	29.3

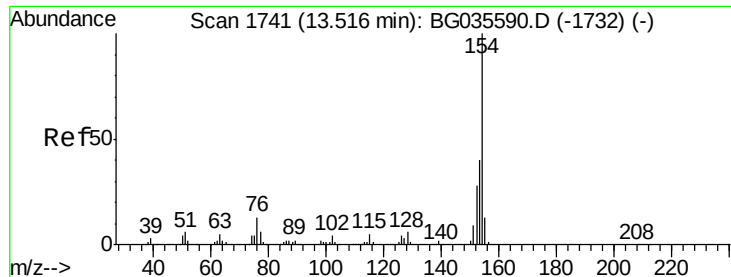


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.477 ng

RT: 13.51 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

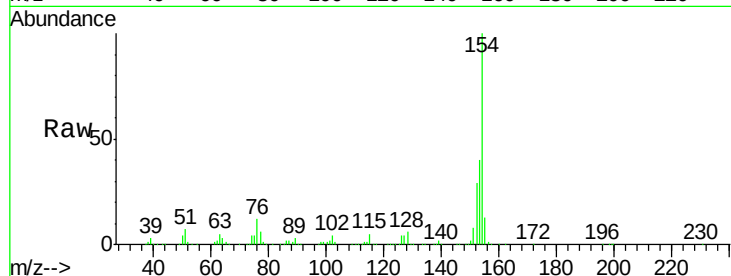
Tgt Ion:154 Resp: 460911

Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

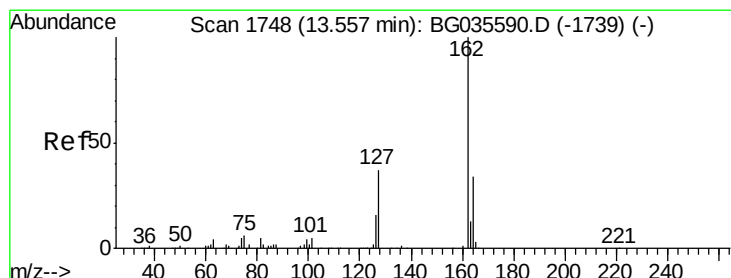
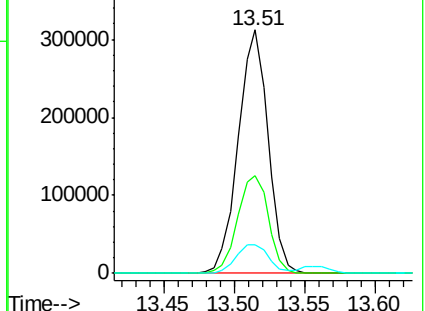
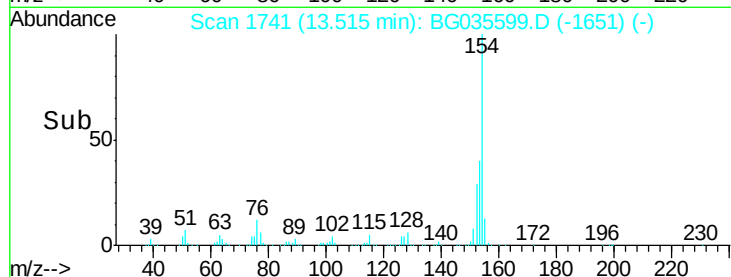
76 11.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.815 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

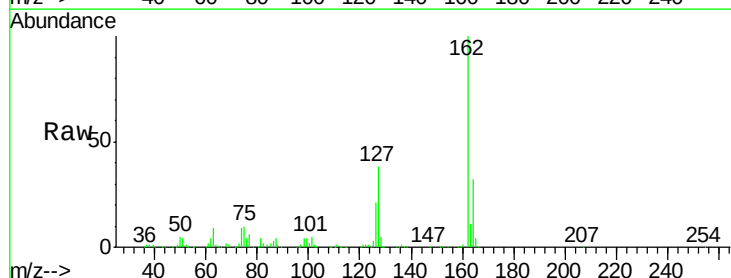
Tgt Ion:162 Resp: 361302

Ion Ratio Lower Upper

162 100

127 37.8 30.7 46.1

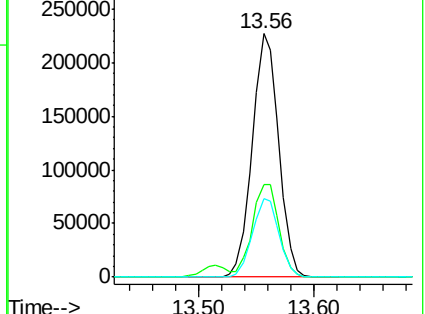
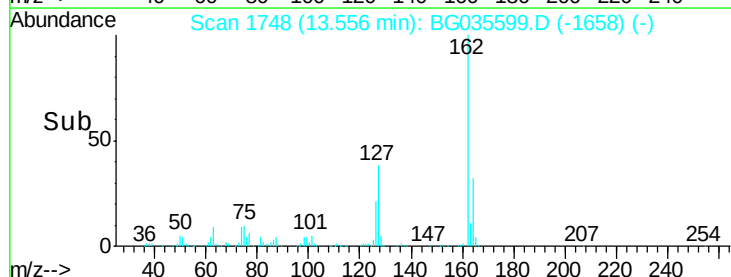
164 32.1 26.0 39.0

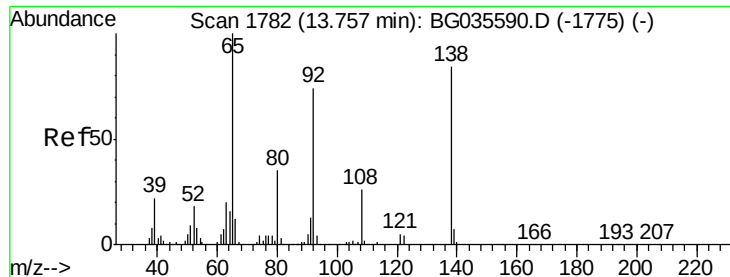


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

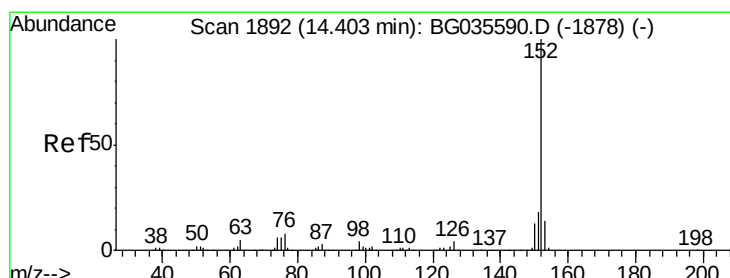
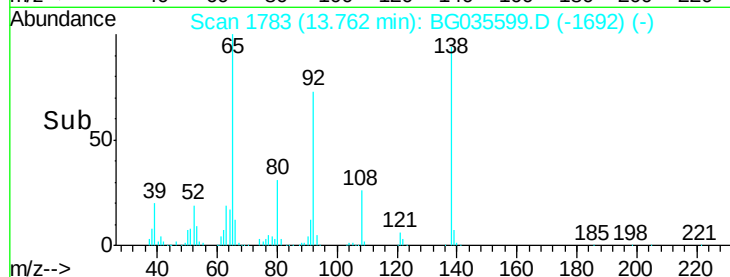
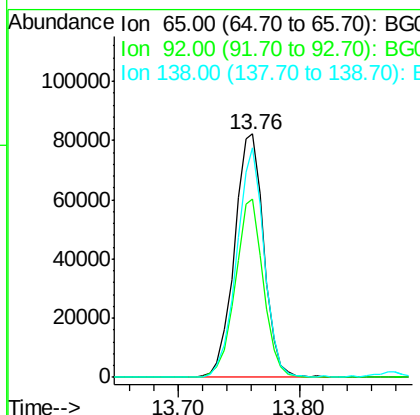
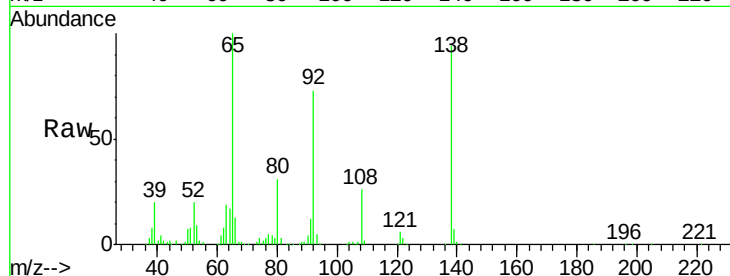




#47
2-Nitroaniline
Concen: 47.631 ng
RT: 13.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

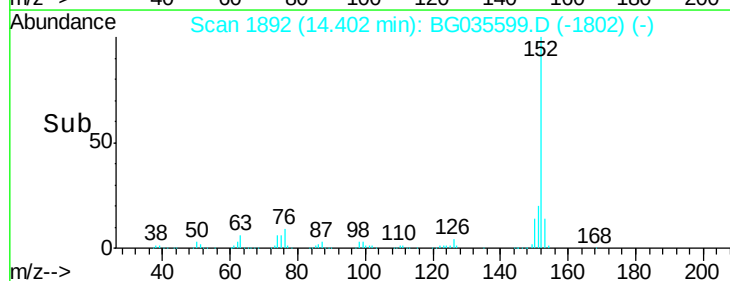
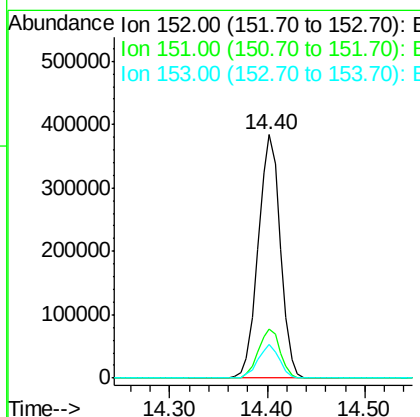
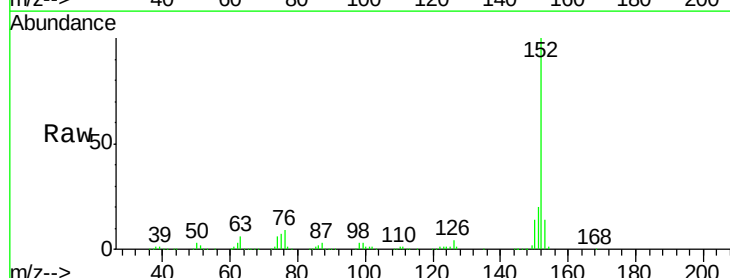
Instrument :
BNA_G
ClientSampleId :
PB110986BS

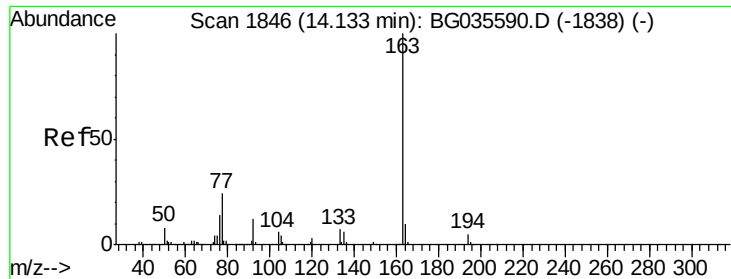
Tgt Ion: 65 Resp: 138858
Ion Ratio Lower Upper
65 100
92 73.1 54.6 82.0
138 94.0 72.9 109.3



#48
Acenaphthylene
Concen: 44.054 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion: 152 Resp: 608524
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 42.479 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

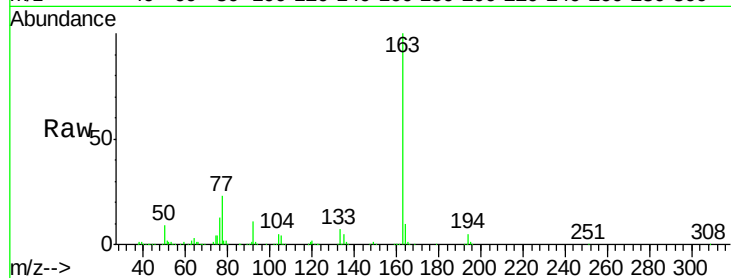
Tgt Ion:163 Resp: 508919

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

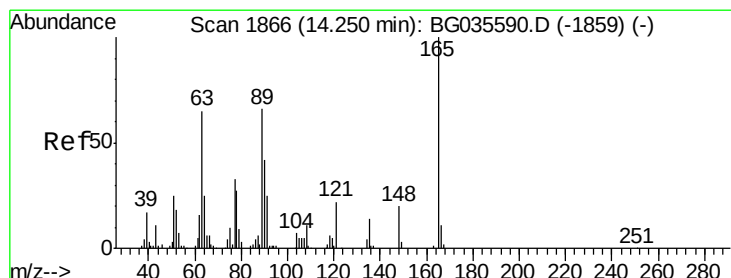
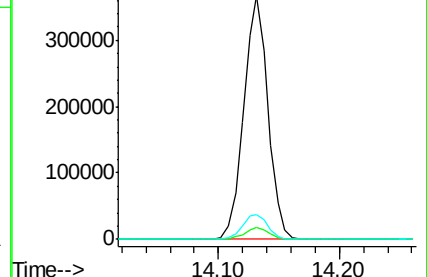
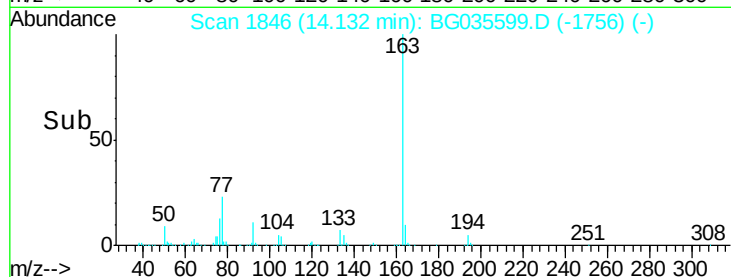
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.441 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

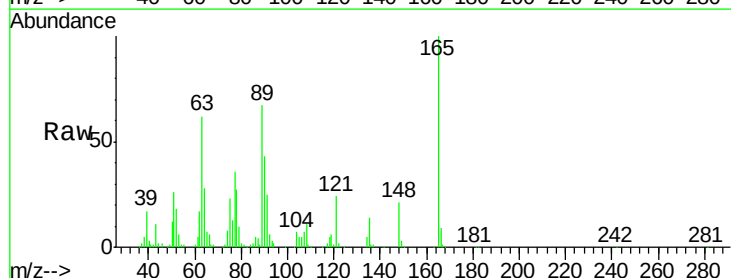
Tgt Ion:165 Resp: 115739

Ion Ratio Lower Upper

165 100

63 62.2 52.7 79.1

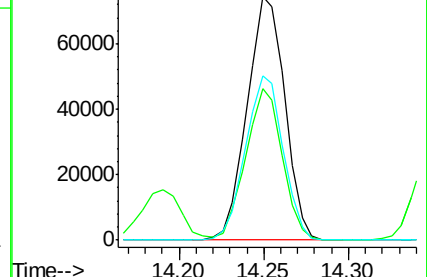
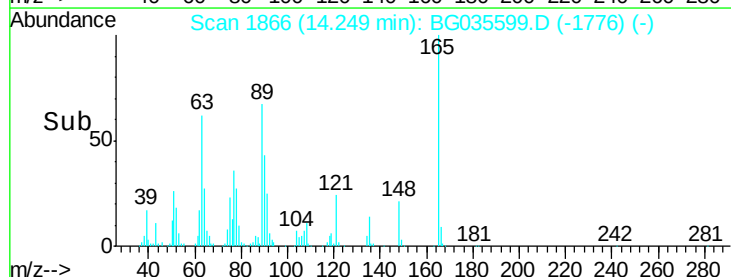
89 67.4 49.2 73.8

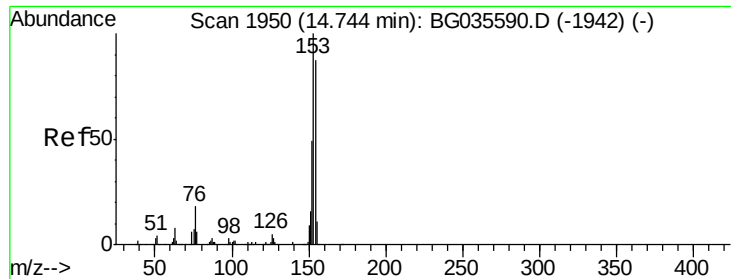


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 42.143 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

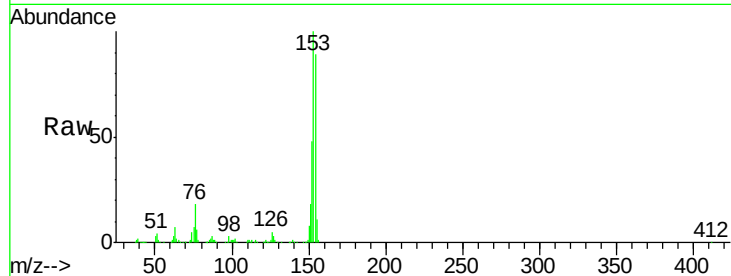
Tgt Ion:154 Resp: 362629

Ion Ratio Lower Upper

154 100

153 113.0 90.4 135.6

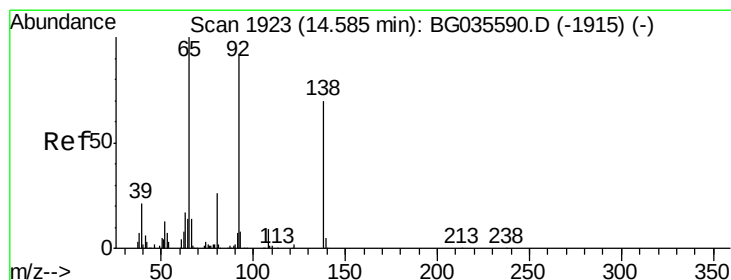
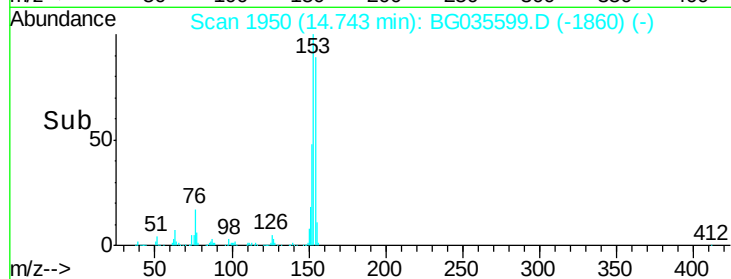
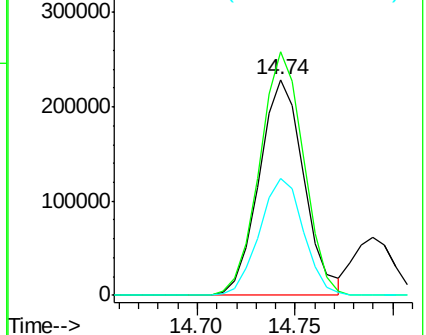
152 54.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.821 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

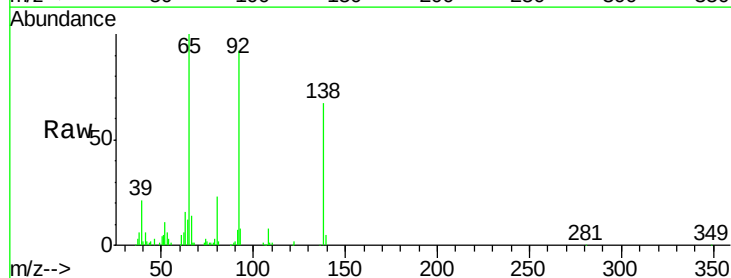
Tgt Ion:138 Resp: 51916

Ion Ratio Lower Upper

138 100

108 11.4 17.5 26.3#

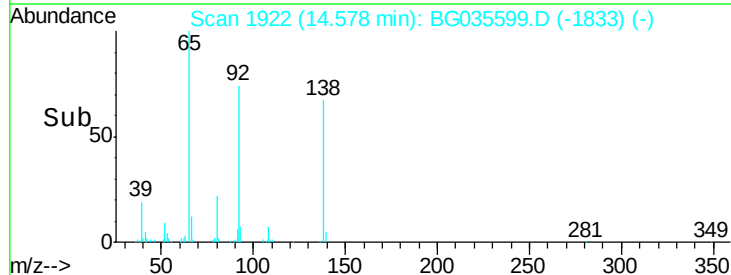
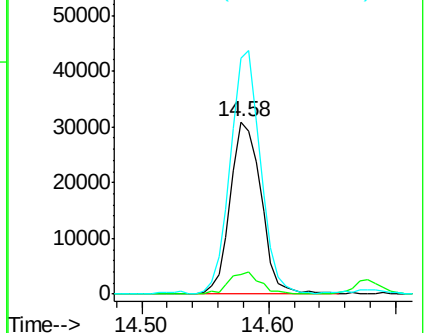
92 137.3 105.8 158.8

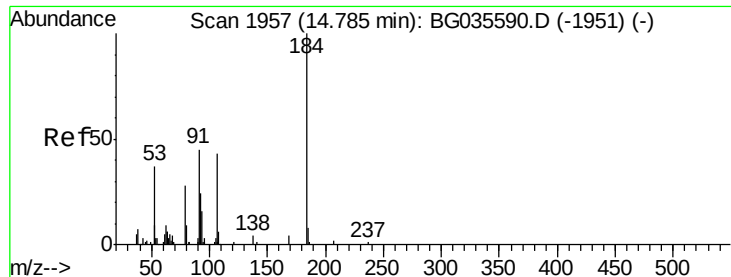


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 102.851 ng

RT: 14.79 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

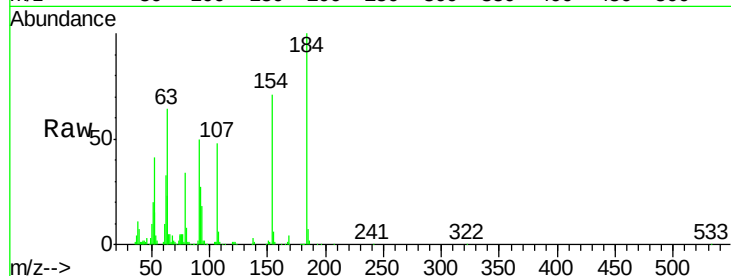
Tgt Ion:184 Resp: 131603

Ion Ratio Lower Upper

184 100

63 63.8 59.8 89.8

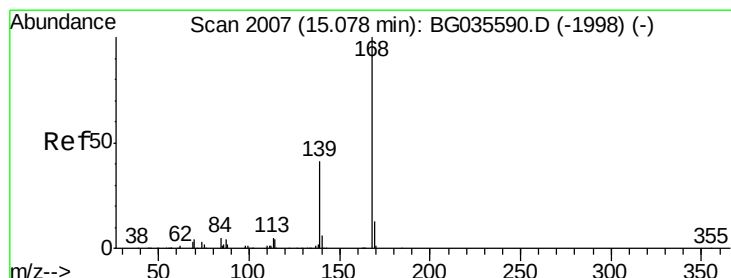
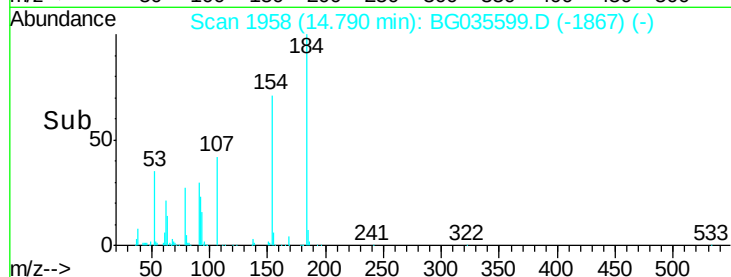
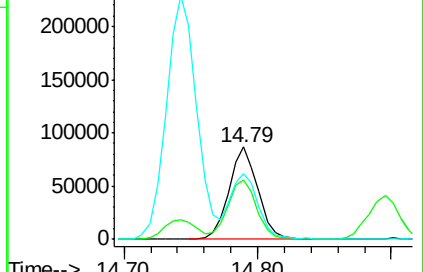
154 71.3 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.858 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

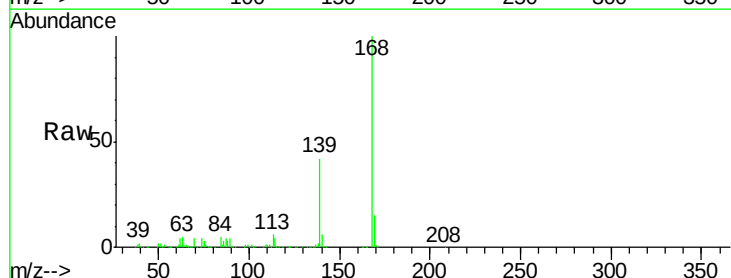
Tgt Ion:168 Resp: 586511

Ion Ratio Lower Upper

168 100

139 41.7 28.6 43.0

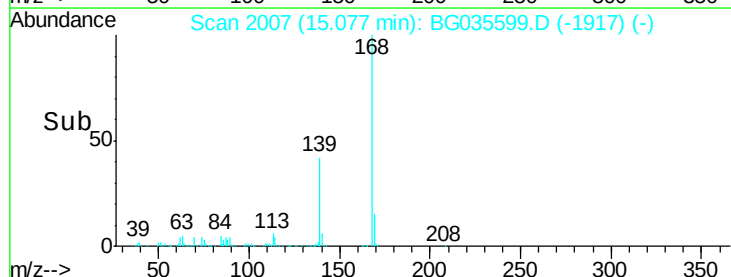
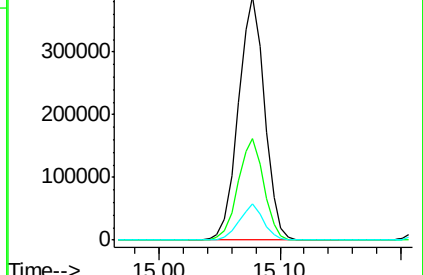
169 14.6 11.2 16.8

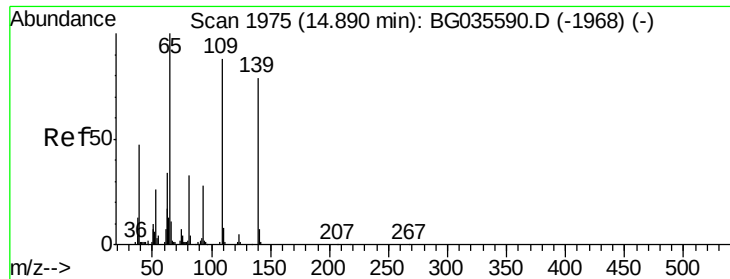


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 102.399 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

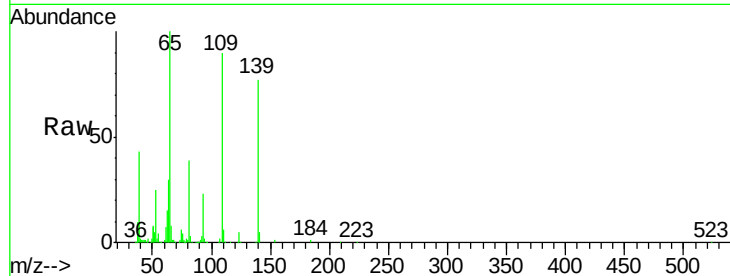
Tgt Ion:139 Resp: 181838

Ion Ratio Lower Upper

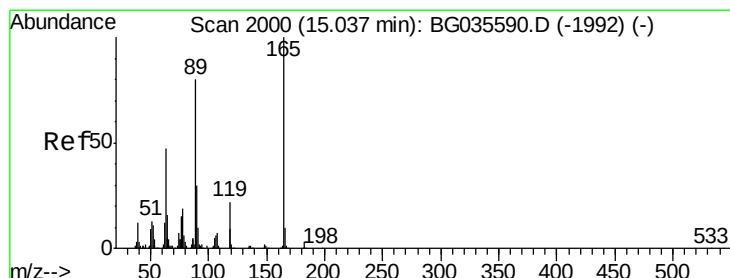
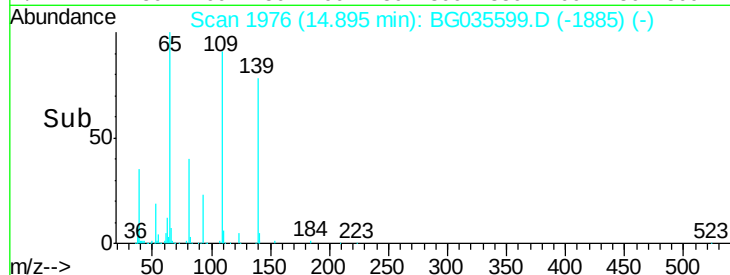
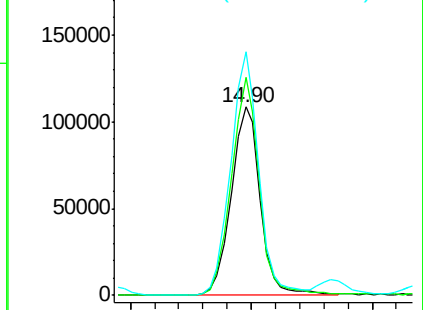
139 100

109 116.0 62.2 102.2#

65 129.5 97.2 137.2



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



#56

2,4-Dinitrotoluene

Concen: 48.854 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Tgt Ion:165 Resp: 170990

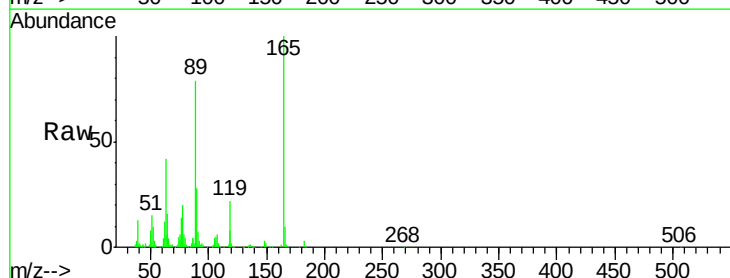
Ion Ratio Lower Upper

165 100

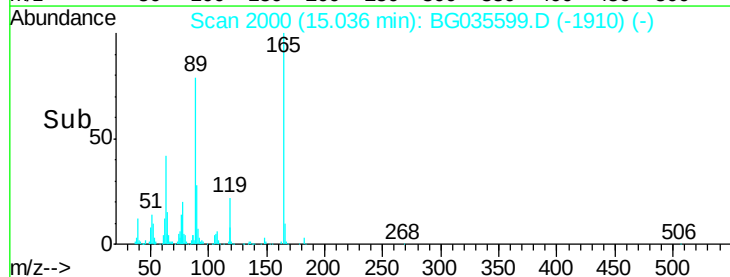
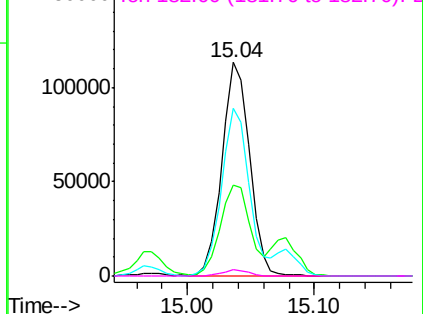
63 42.3 42.0 63.0

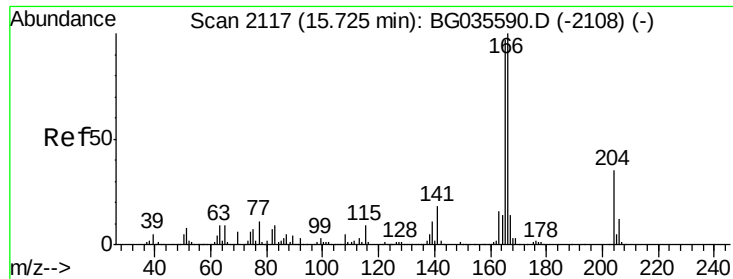
89 78.7 66.9 100.3

182 2.8 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.757 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

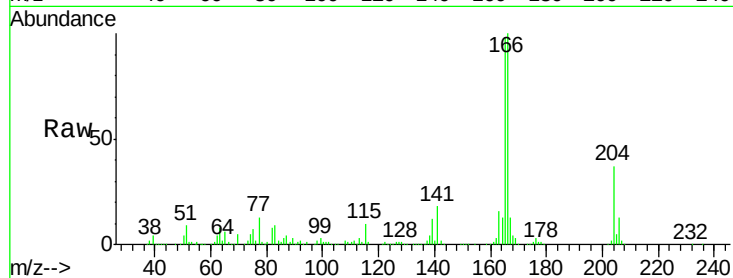
Tgt Ion:166 Resp: 501884

Ion Ratio Lower Upper

166 100

165 98.1 80.6 121.0

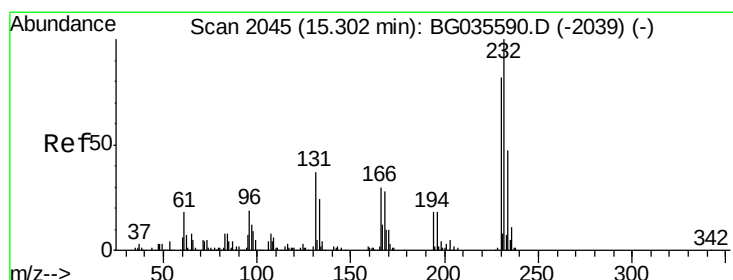
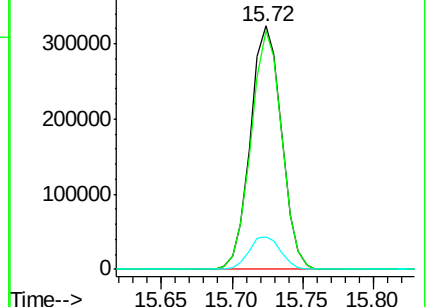
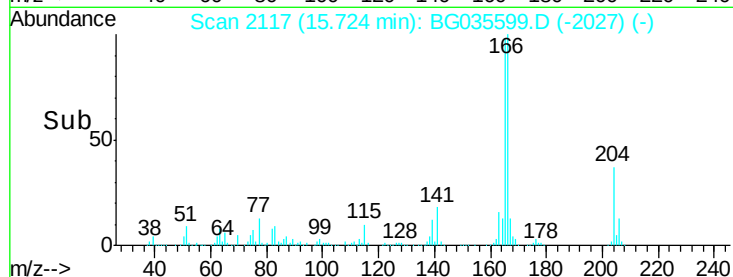
167 13.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.291 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Tgt Ion:232 Resp: 169282

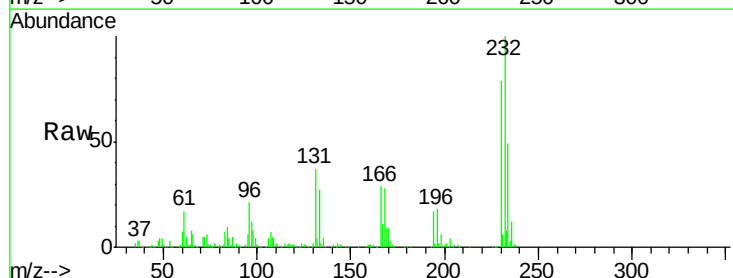
Ion Ratio Lower Upper

232 100

131 36.1 33.5 50.3

130 2.2 2.2 3.2

166 28.3 24.8 37.2

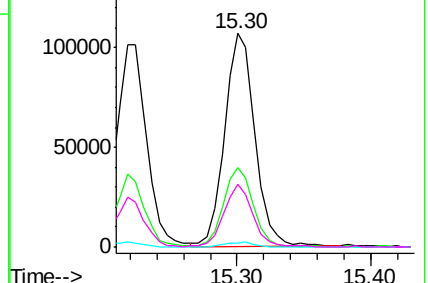
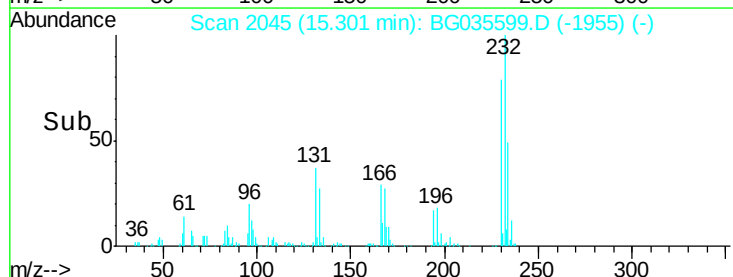


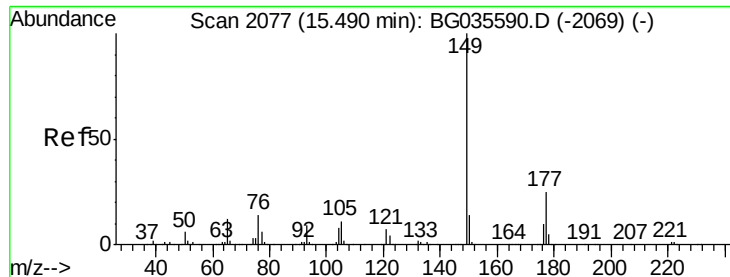
Abundance Ion 232.00 (231.70 to 232.70): E

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

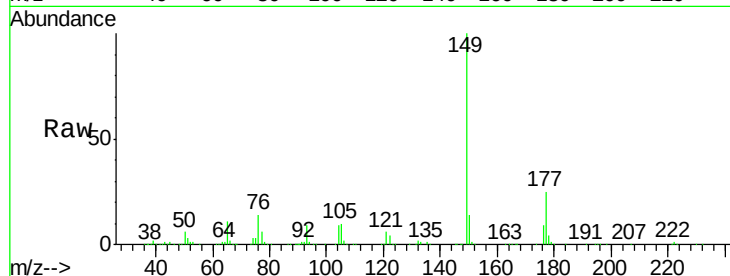




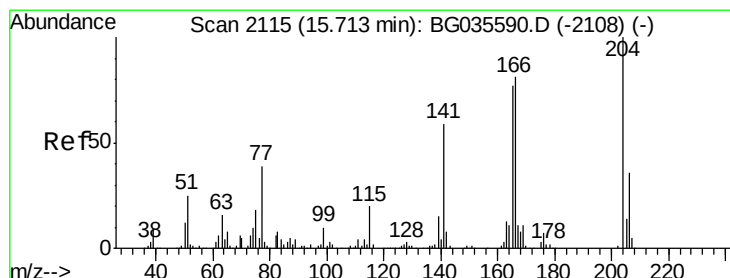
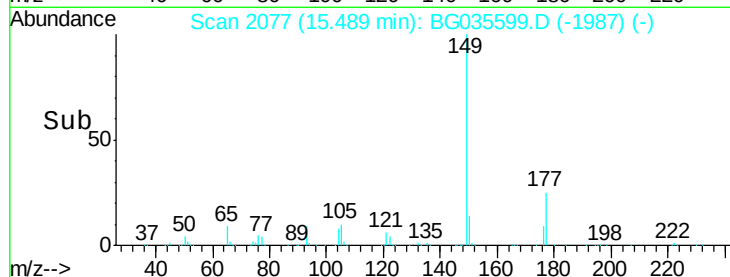
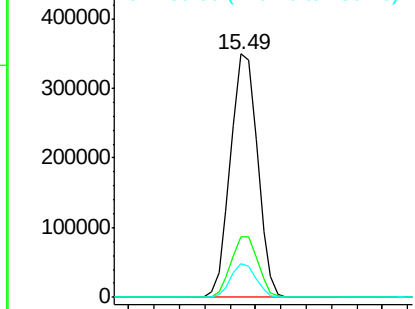
#59
Diethylphthalate
Concen: 41.817 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Instrument :
BNA_G
ClientSampleId :
PB110986BS

Tgt Ion:149 Resp: 515141
Ion Ratio Lower Upper
149 100
177 25.0 18.5 27.7
150 13.6 10.2 15.2

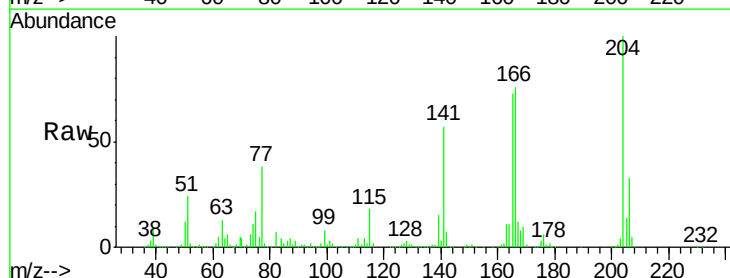


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

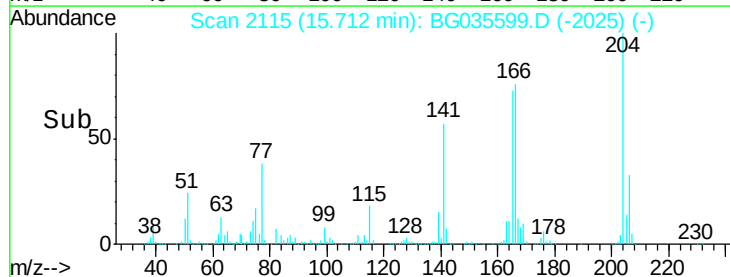
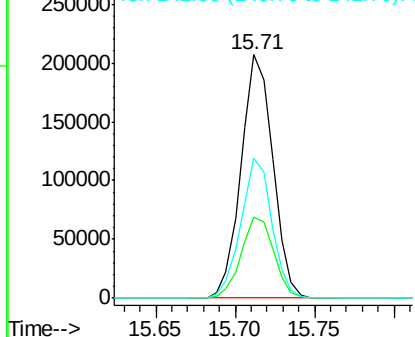


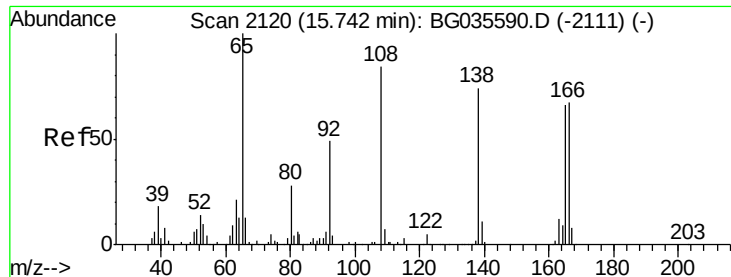
#60
4-Chlorophenyl-phenylether
Concen: 42.794 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion:204 Resp: 288488
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 57.4 45.8 68.6



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

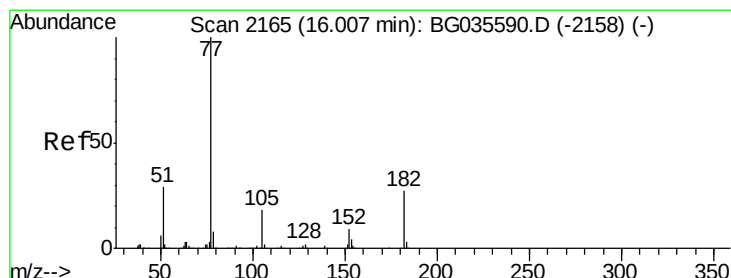
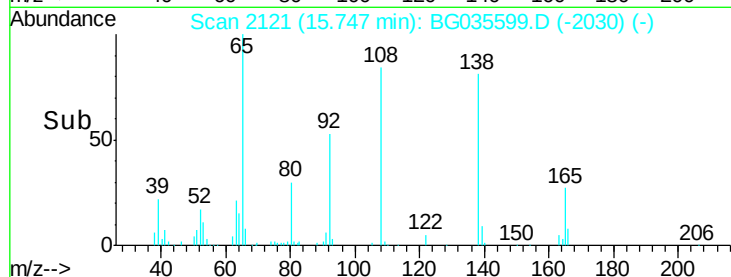
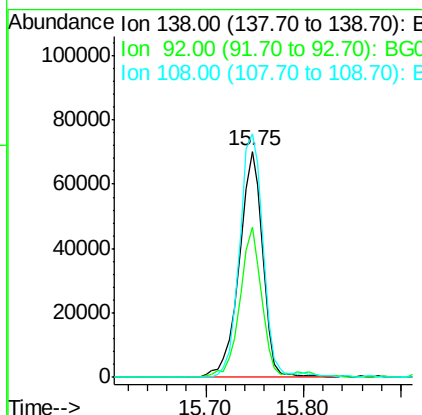
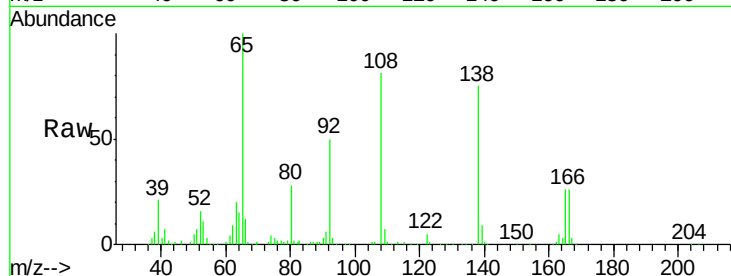




#61
4-Nitroaniline
Concen: 45.123 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

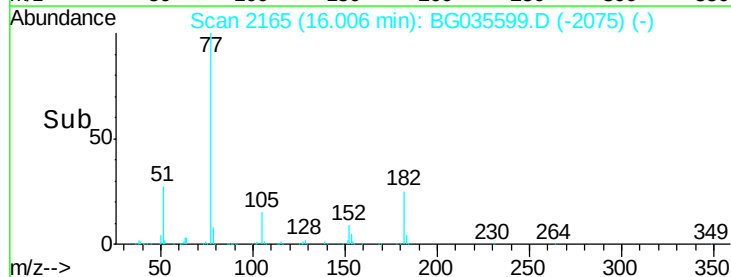
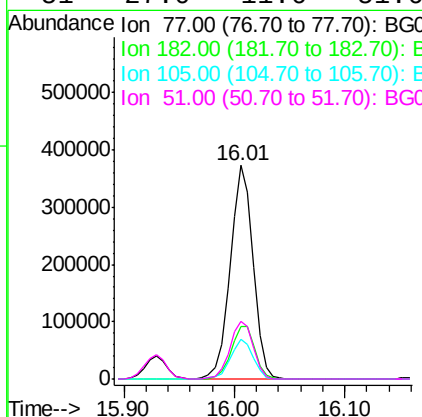
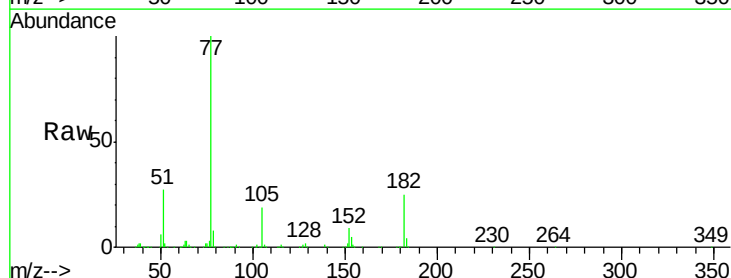
Instrument :
BNA_G
ClientSampleId :
PB110986BS

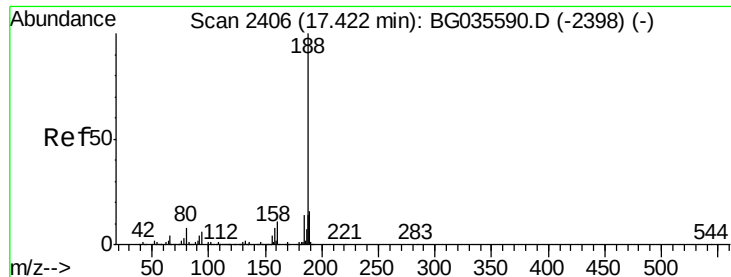
Tgt Ion:138 Resp: 117693
Ion Ratio Lower Upper
138 100
92 66.2 40.1 80.1
108 107.7 65.4 105.4#



#62
Azobenzene
Concen: 44.527 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion: 77 Resp: 541059
Ion Ratio Lower Upper
77 100
182 24.6 7.4 47.4
105 18.7 0.3 40.3
51 27.0 11.6 51.6

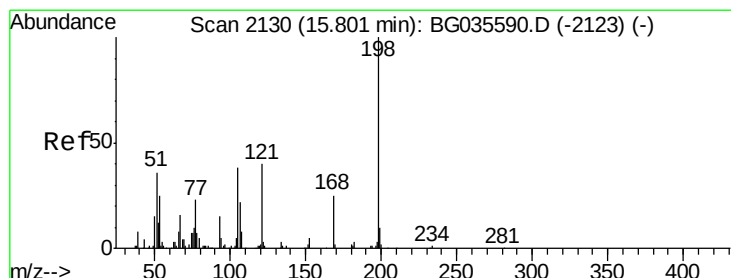
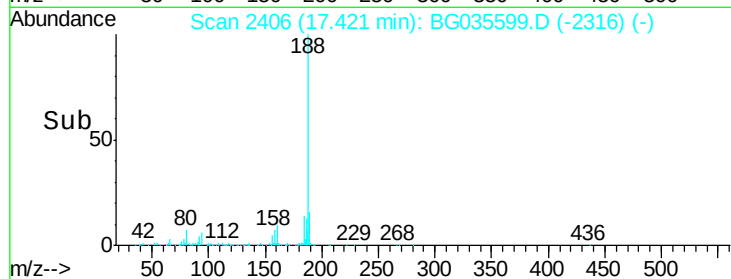
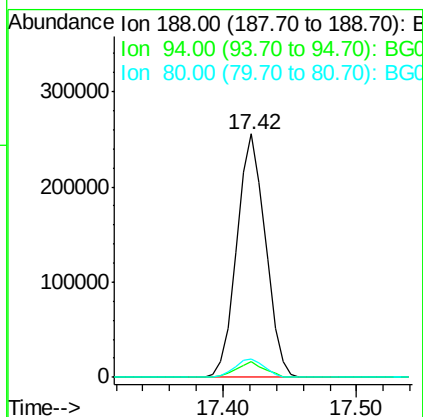
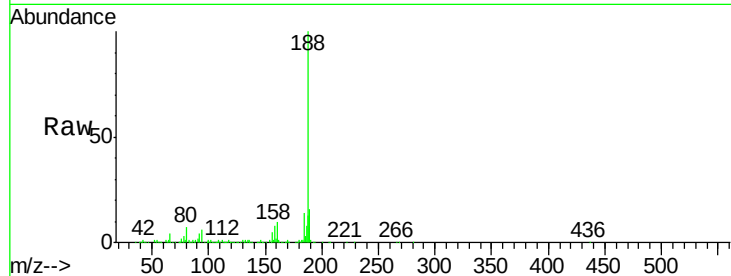




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

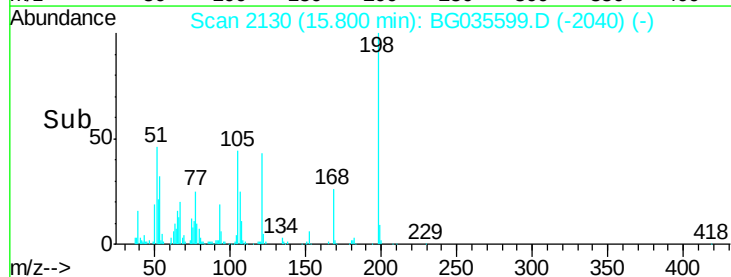
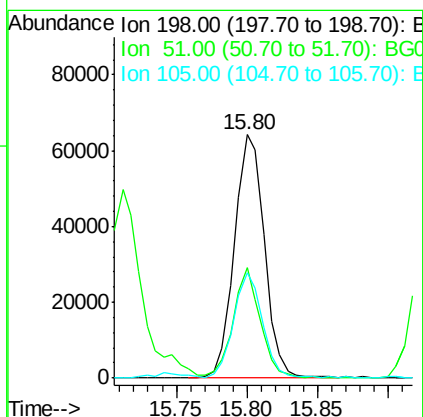
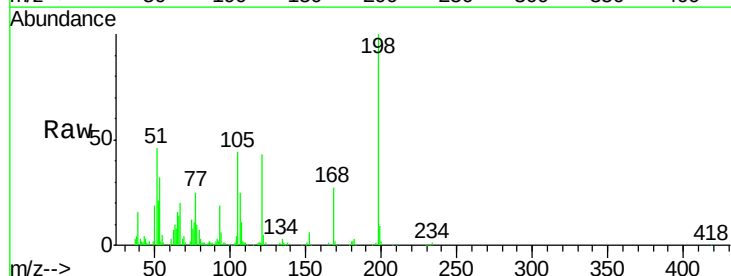
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

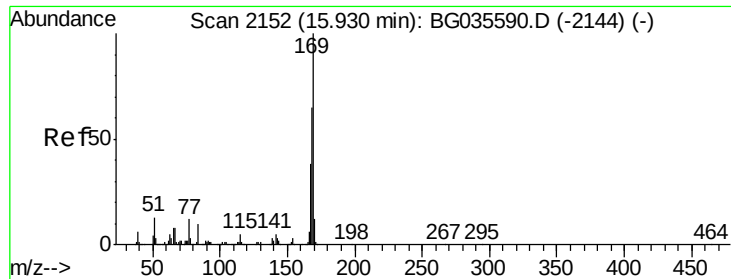
Tgt Ion:188 Resp: 379704
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.4 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.060 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion:198 Resp: 95242
 Ion Ratio Lower Upper
 198 100
 51 45.6 30.6 70.6
 105 43.5 23.8 63.8

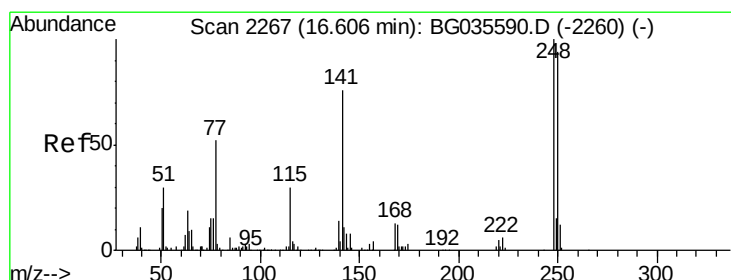
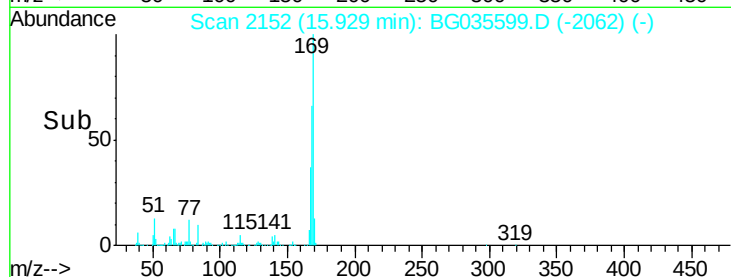
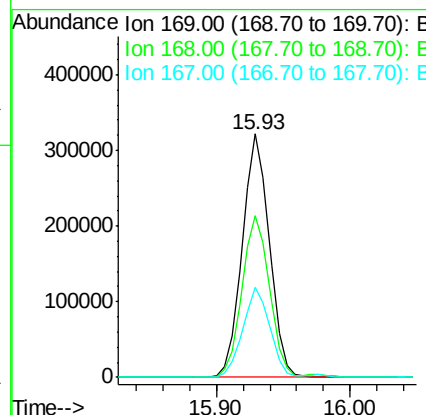
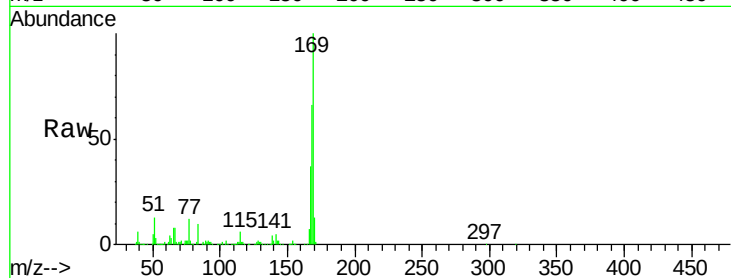




#65
 n-Nitrosodiphenylamine
 Concen: 41.581 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

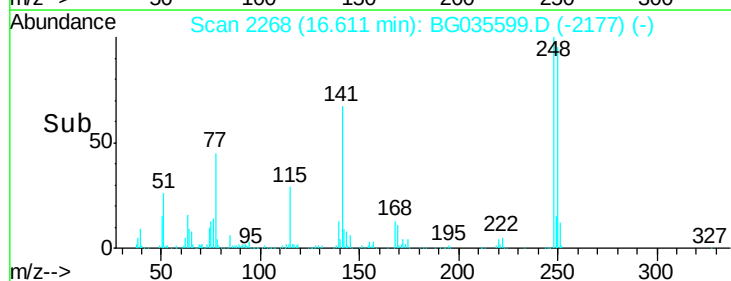
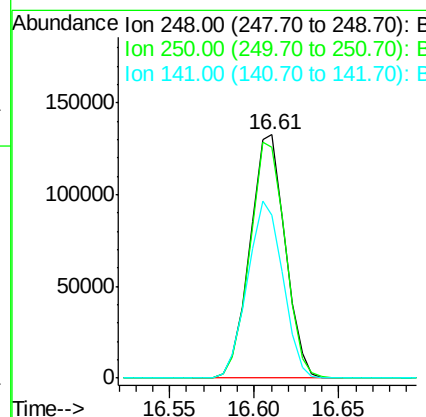
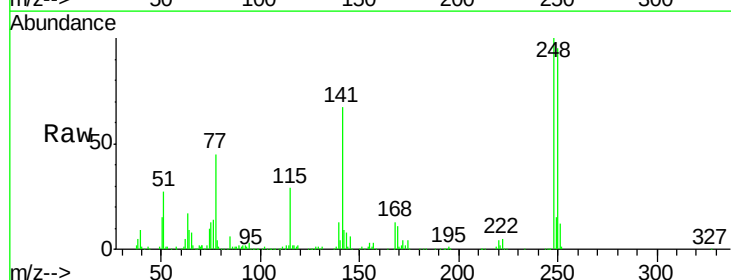
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

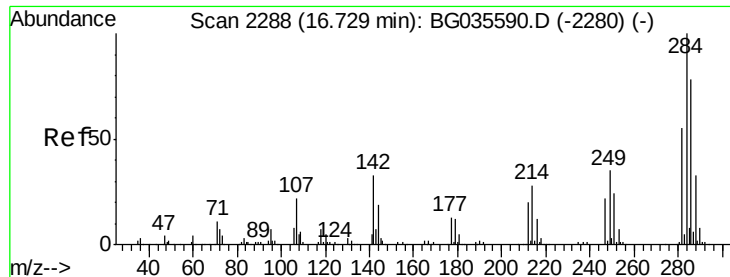
Tgt Ion:169 Resp: 449399
 Ion Ratio Lower Upper
 169 100
 168 66.3 55.7 83.5
 167 37.1 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.723 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion:248 Resp: 192610
 Ion Ratio Lower Upper
 248 100
 250 94.5 77.1 115.7
 141 66.7 50.8 76.2





#67

Hexachlorobenzene

Concen: 43.628 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

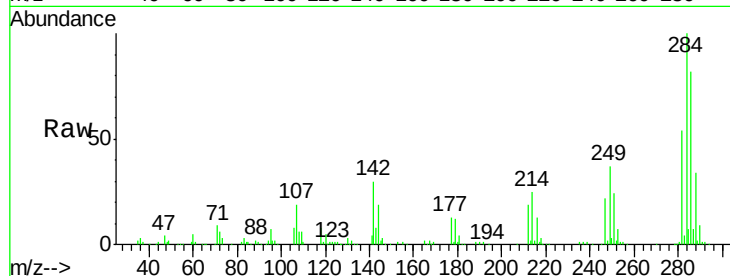
Tgt Ion:284 Resp: 197919

Ion Ratio Lower Upper

284 100

142 29.8 26.8 40.2

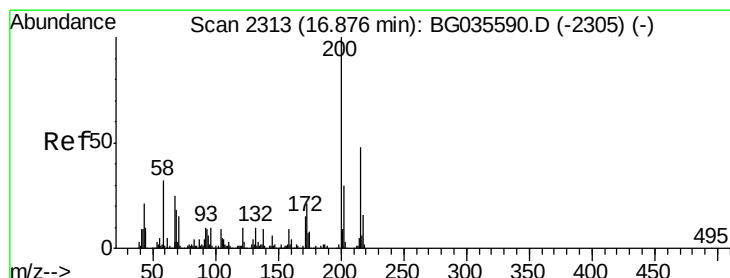
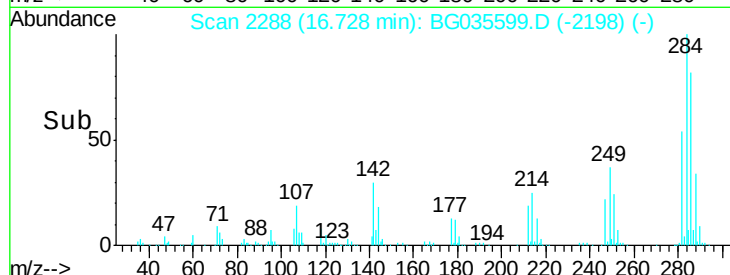
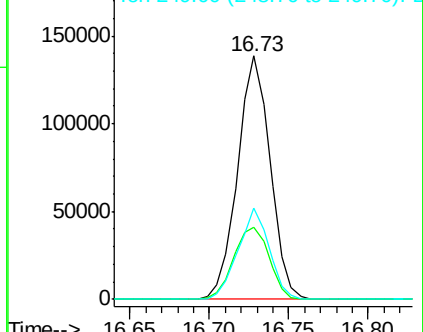
249 37.5 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.051 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

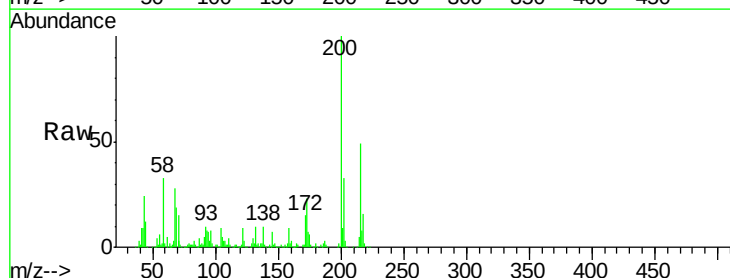
Tgt Ion:200 Resp: 209370

Ion Ratio Lower Upper

200 100

173 22.8 5.2 45.2

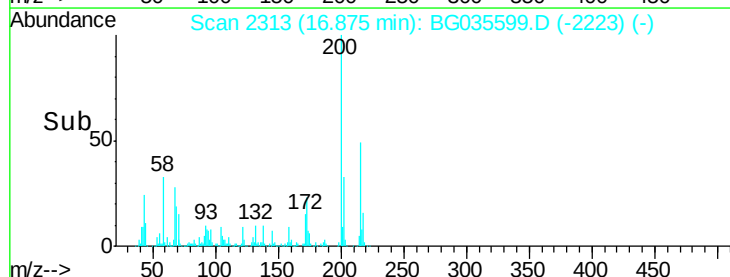
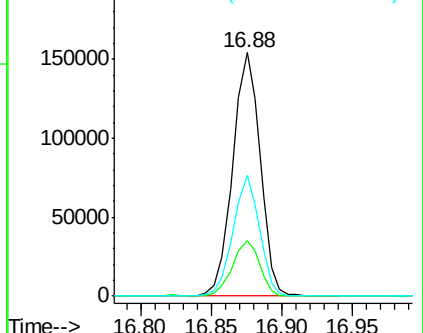
215 49.4 30.4 70.4

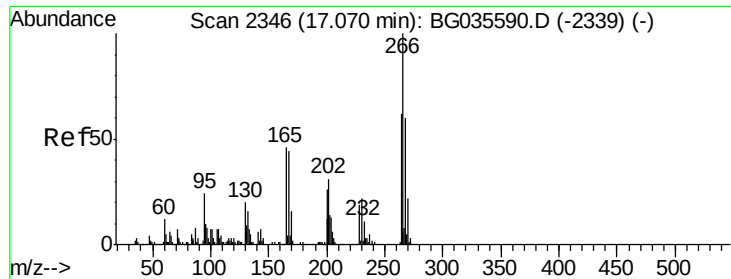


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 83.517 ng

RT: 17.07 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

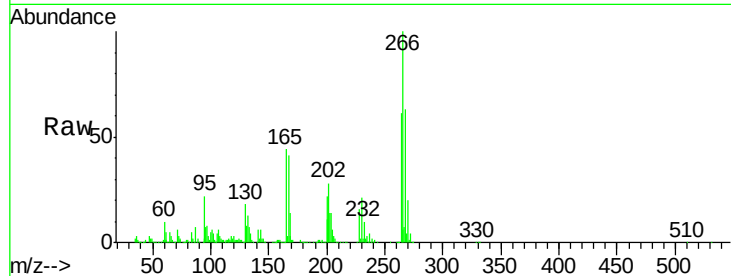
Tgt Ion:266 Resp: 230771

Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

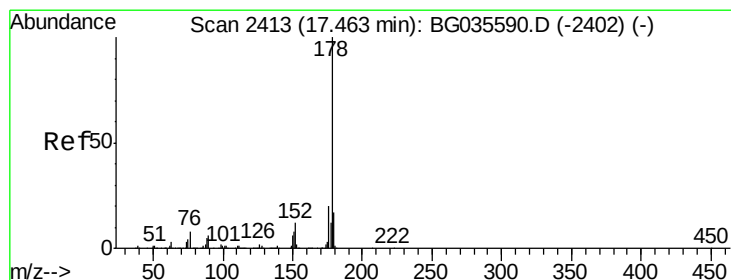
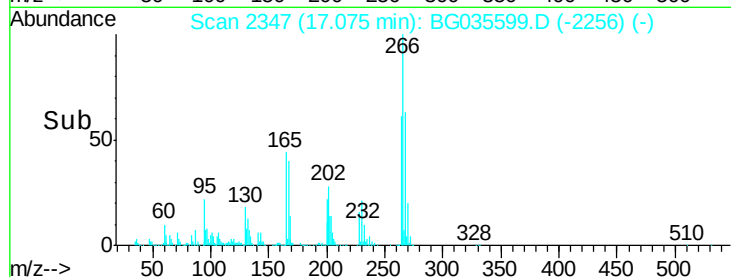
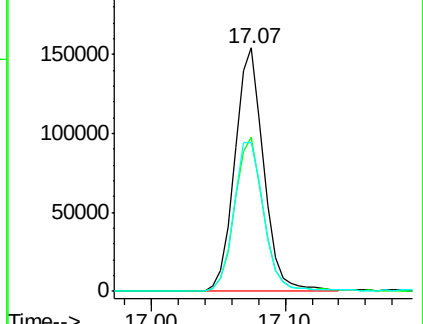
264 61.3 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.671 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

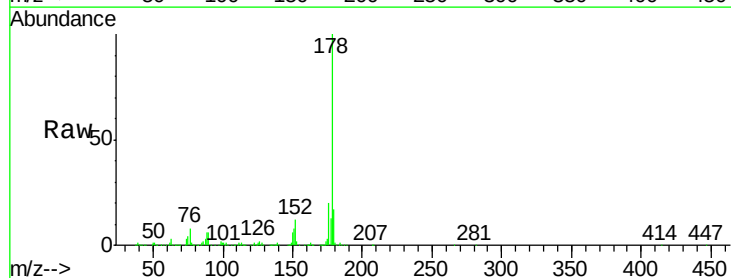
Tgt Ion:178 Resp: 808474

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

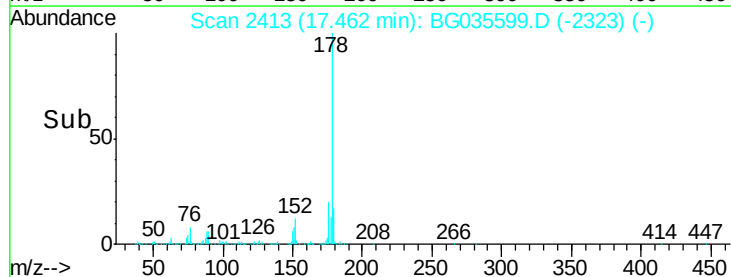
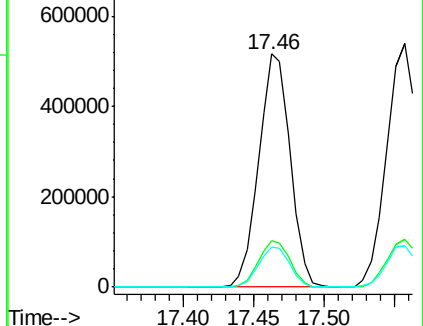
179 17.4 12.5 18.7

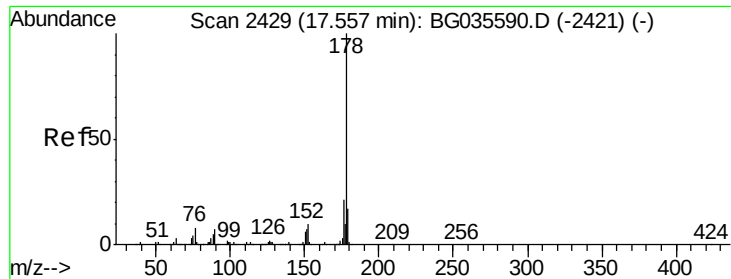


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

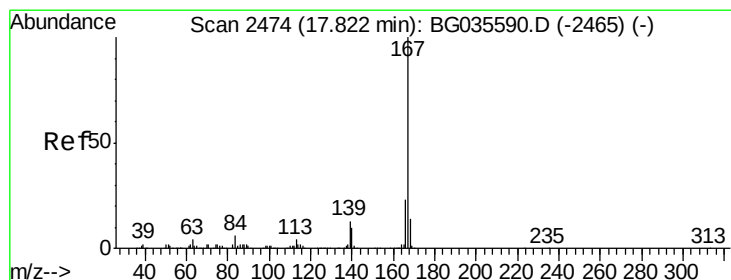
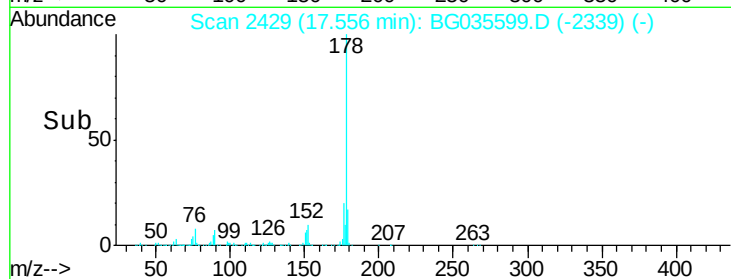
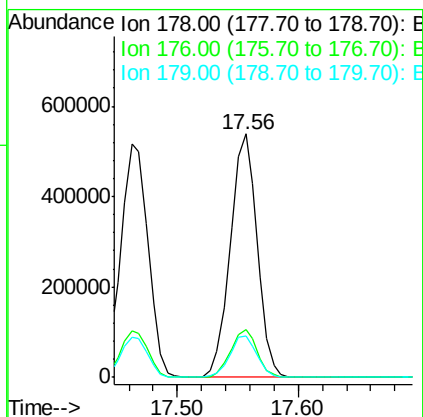
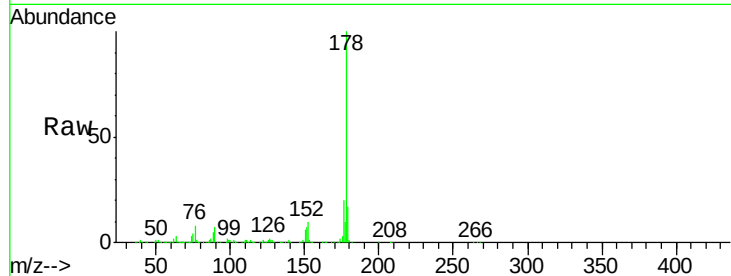




#71
 Anthracene
 Concen: 44.117 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

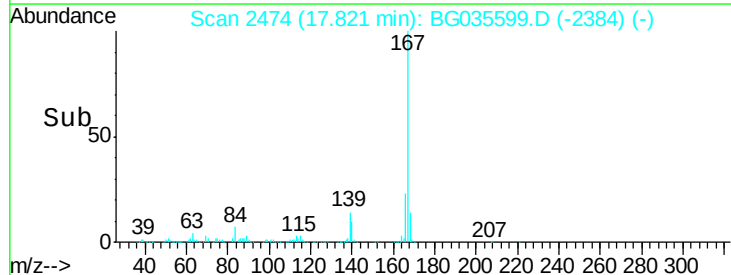
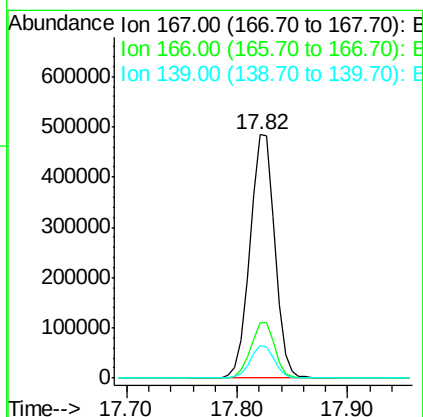
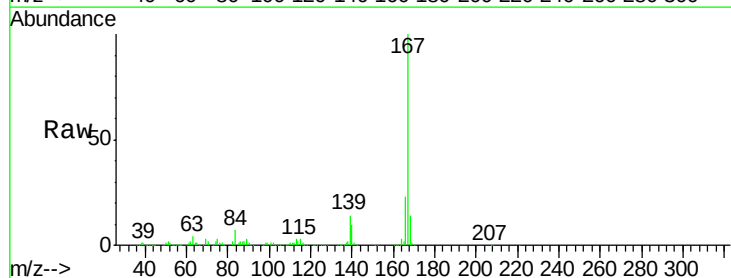
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

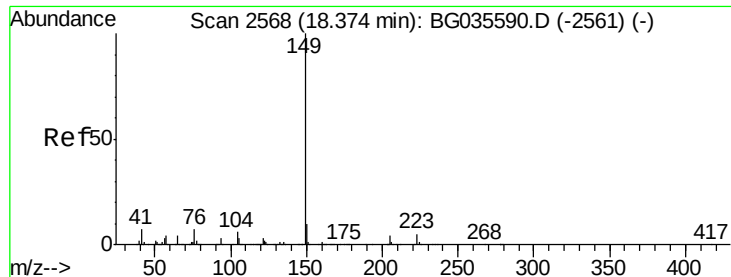
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.7	12.5	18.7



#72
 Carbazole
 Concen: 42.747 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.544 ng

RT: 18.37 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

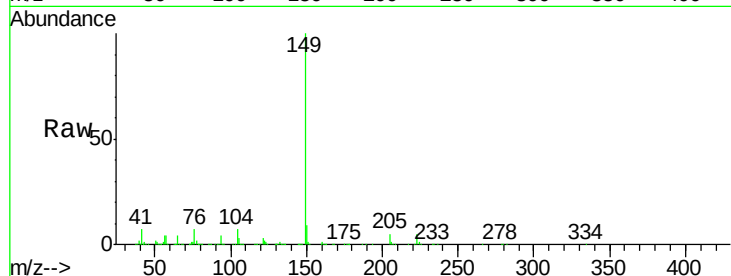
Tgt Ion:149 Resp: 879576

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

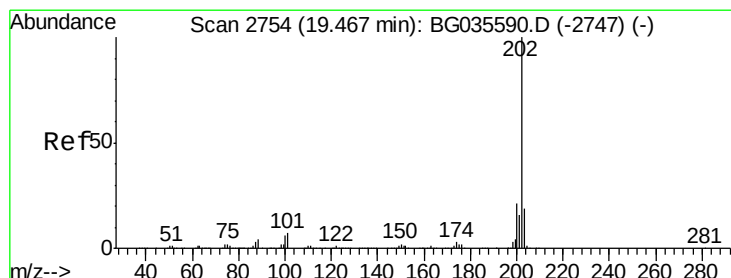
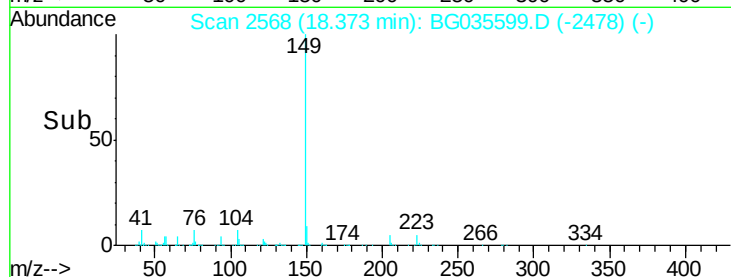
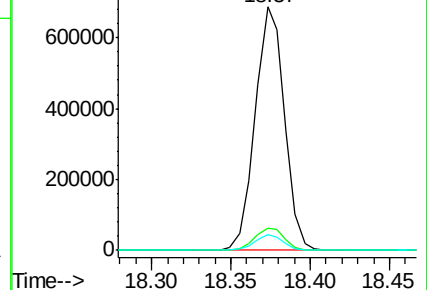
104 6.7 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.166 ng

RT: 19.47 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

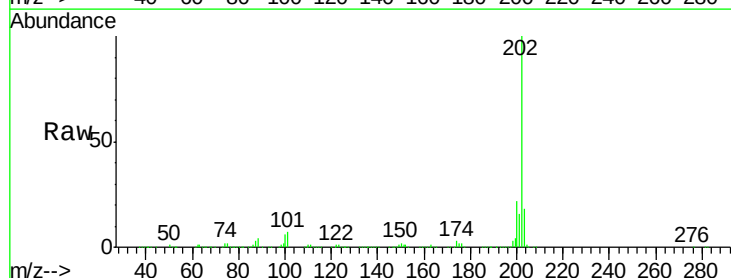
Tgt Ion:202 Resp: 1076107

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.9

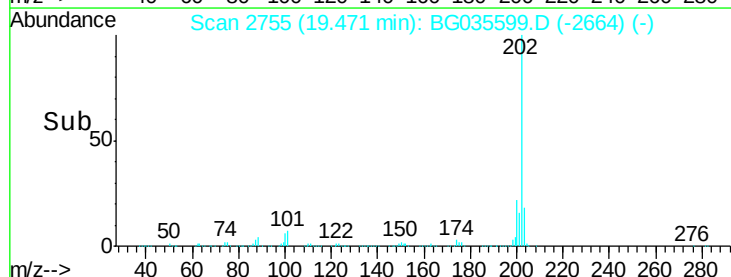
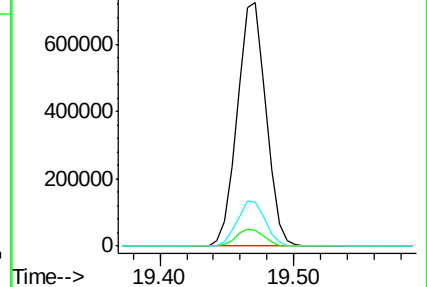
203 18.1 0.0 37.5

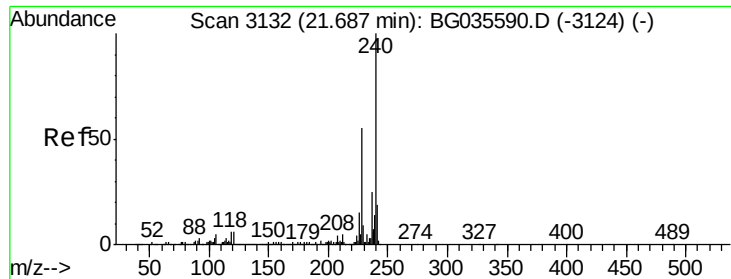


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

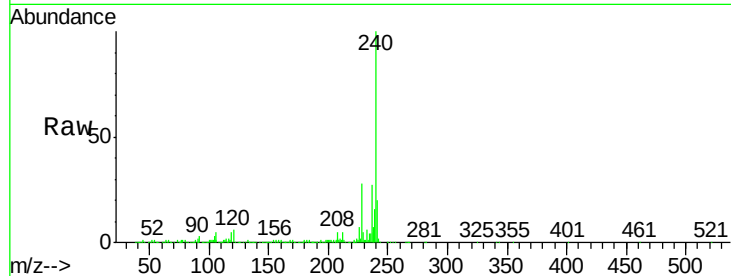
Tgt Ion:240 Resp: 395920

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

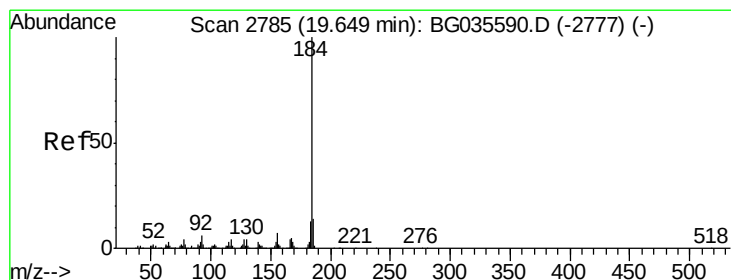
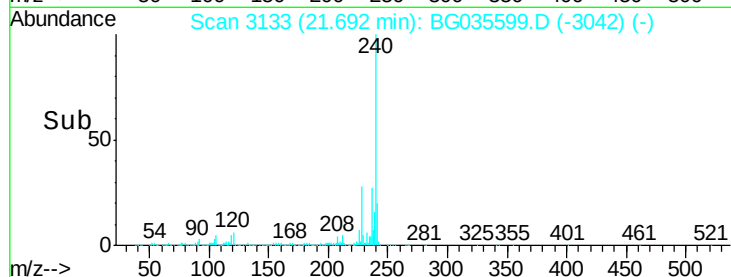
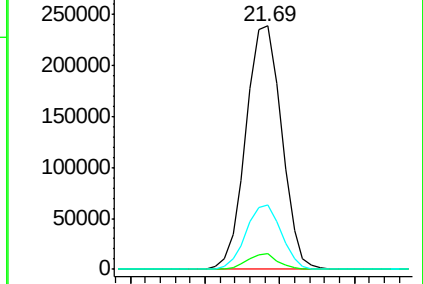
236 26.7 20.9 31.3



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: 35.719 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

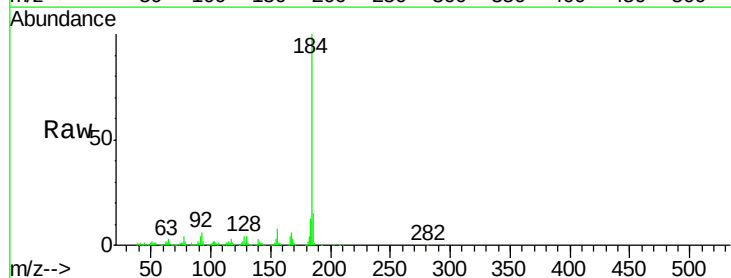
Tgt Ion:184 Resp: 371796

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

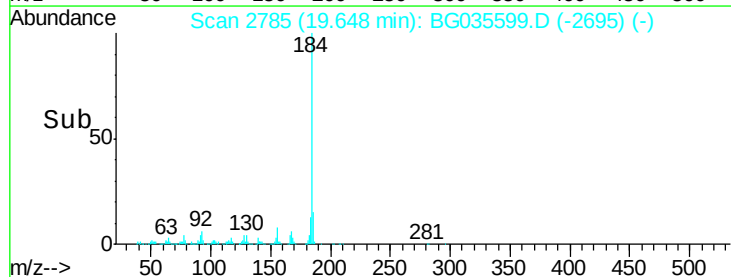
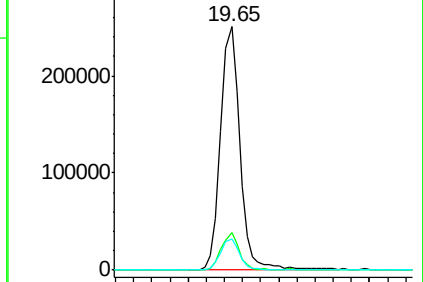
183 12.5 10.6 16.0

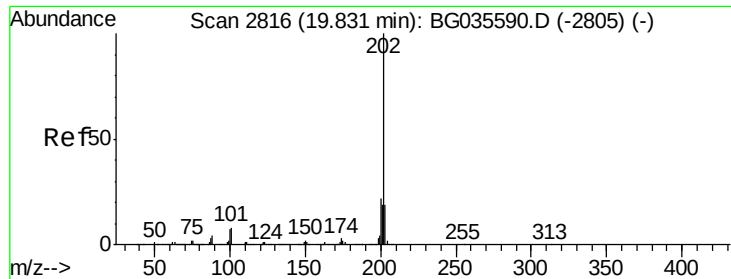


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.781 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

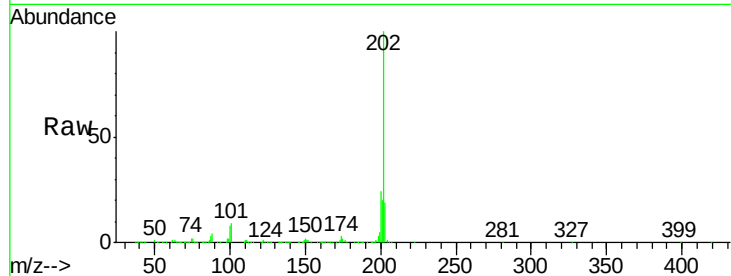
Tgt Ion:202 Resp: 1070988

Ion Ratio Lower Upper

202 100

200 23.6 16.9 25.3

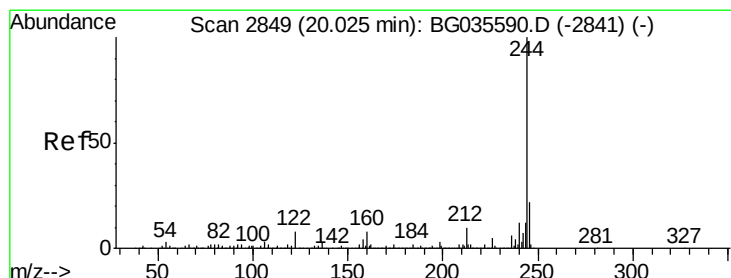
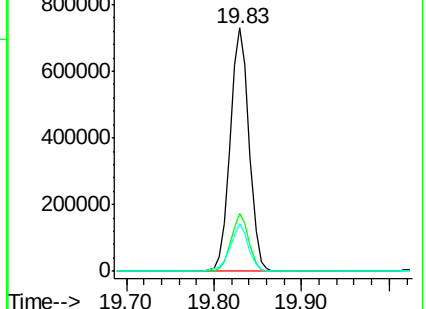
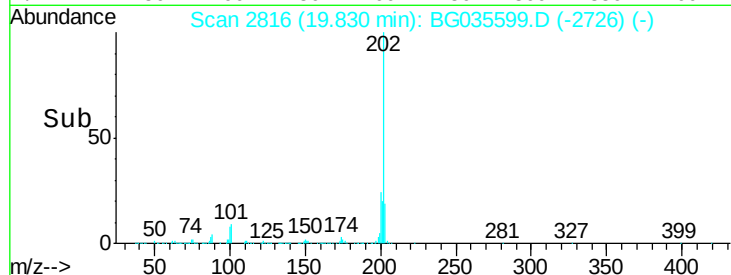
203 19.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.014 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

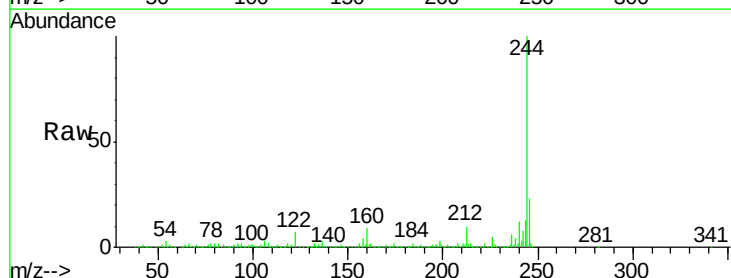
Tgt Ion:244 Resp: 1598803

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

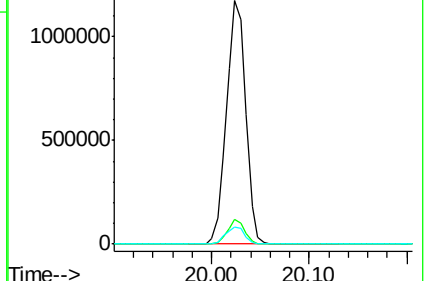
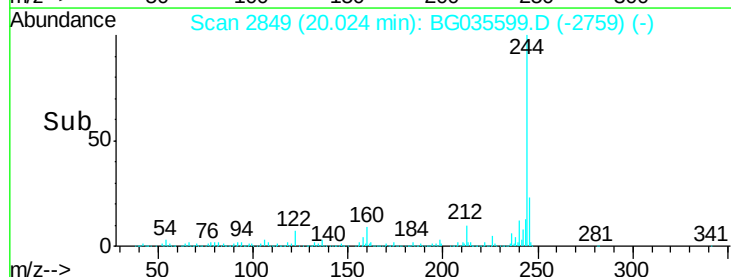
122 7.2 7.0 10.4

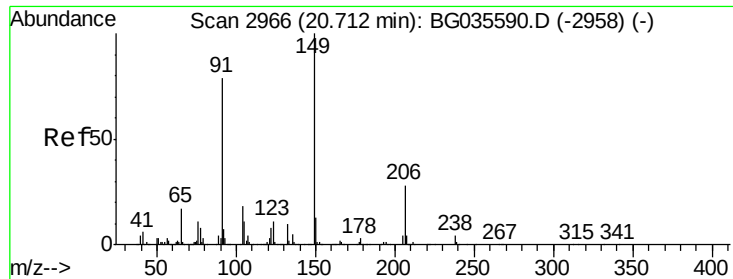


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

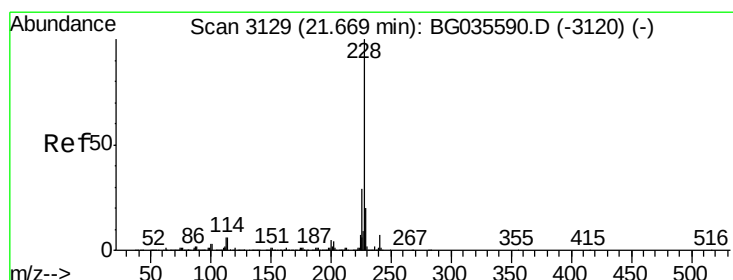
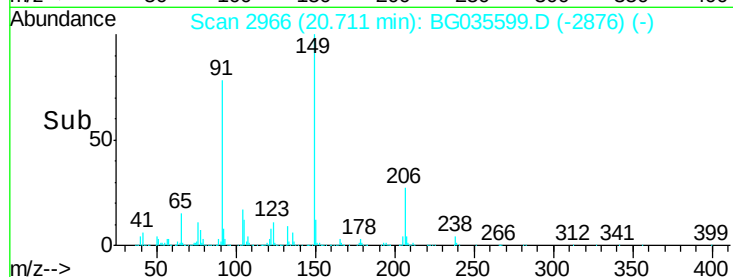
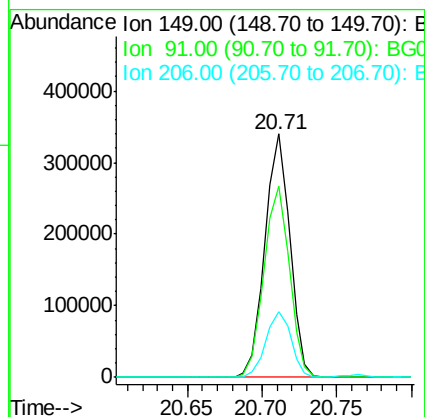
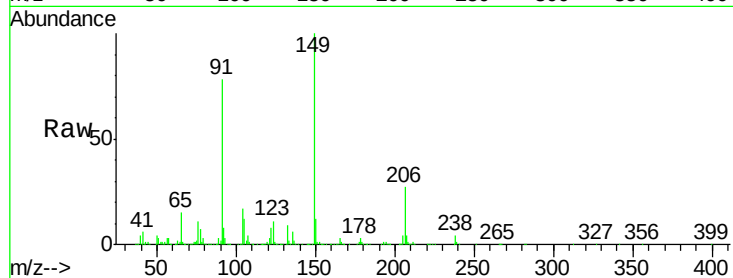




#79
Butylbenzylphthalate
Concen: 43.795 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

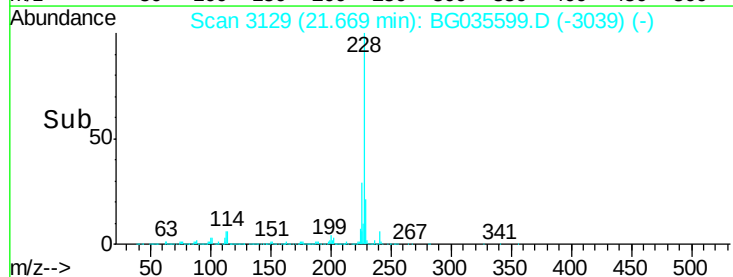
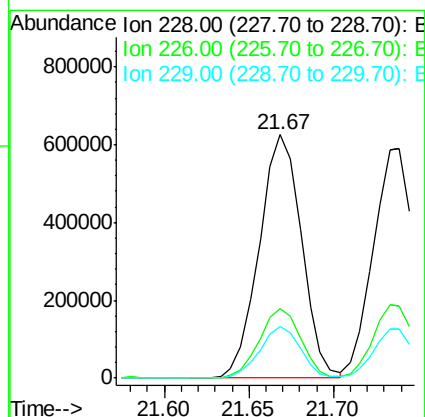
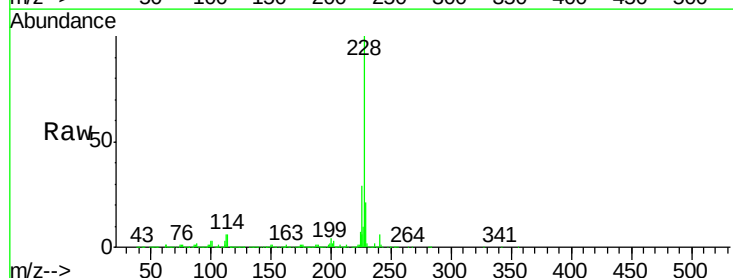
Instrument :
BNA_G
ClientSampleId :
PB110986BS

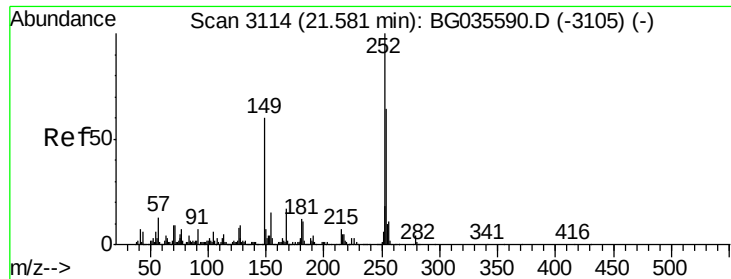
Tgt Ion:149 Resp: 392073
Ion Ratio Lower Upper
149 100
91 78.4 62.2 93.2
206 26.9 18.6 27.8



#80
Benzo(a)anthracene
Concen: 43.831 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion:228 Resp: 1081417
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 21.2 16.2 24.2

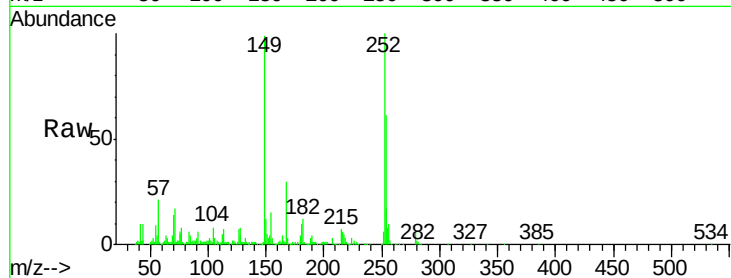




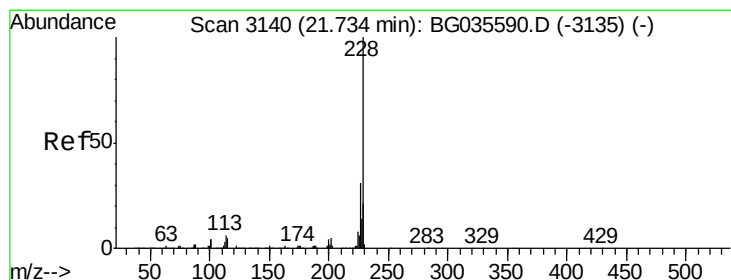
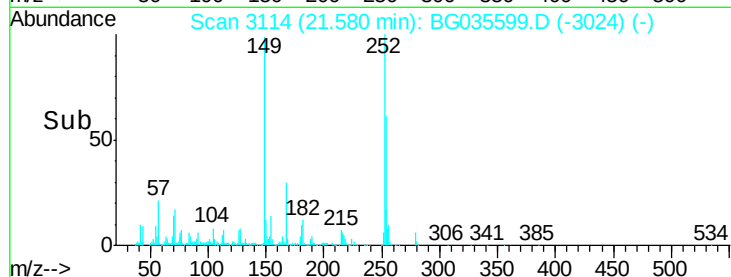
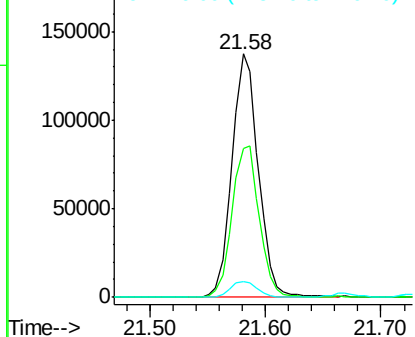
#81
 3,3'-Dichlorobenzidine
 Concen: 25.321 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

Tgt Ion:252 Resp: 217833
 Ion Ratio Lower Upper
 252 100
 254 61.3 50.8 76.2
 126 6.5 7.4 11.2#

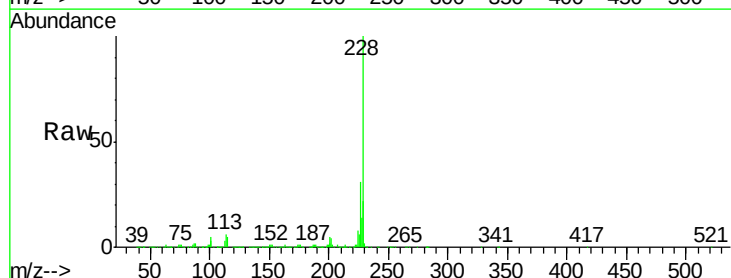


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

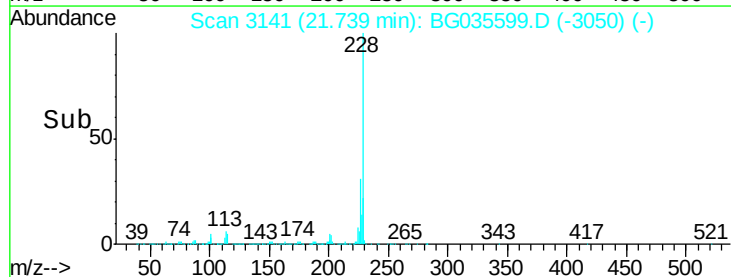
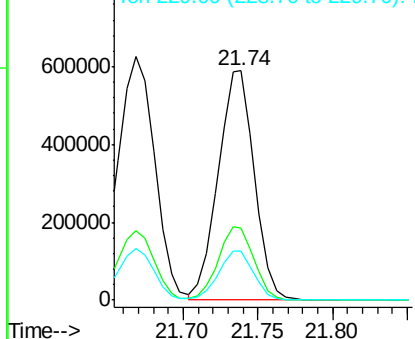


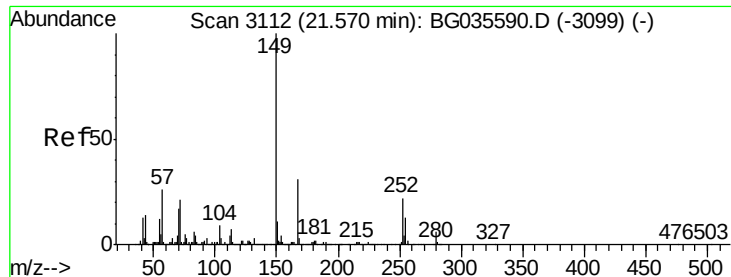
#82
 Chrysene
 Concen: 43.452 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion:228 Resp: 993473
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 21.5 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: 43.835 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

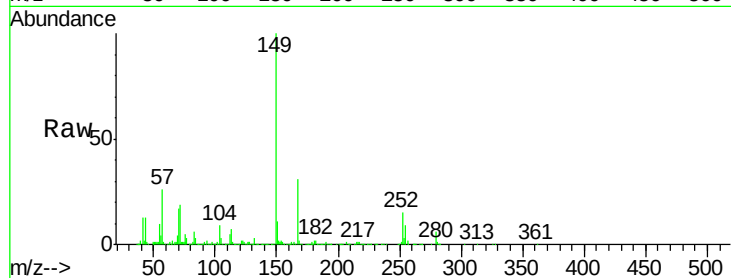
Tgt Ion:149 Resp: 533512

Ion Ratio Lower Upper

149 100

167 31.2 24.3 36.5

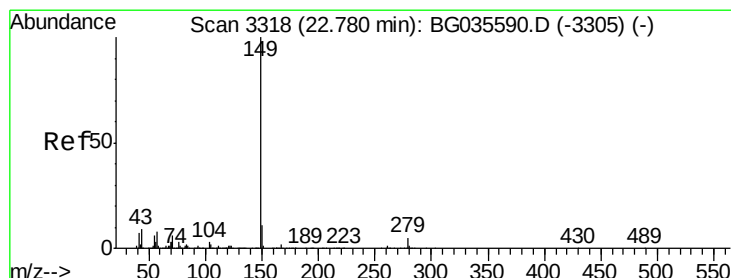
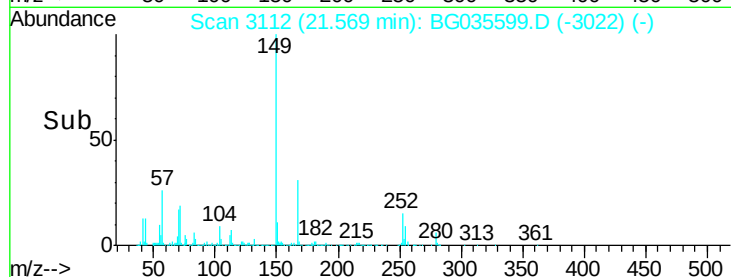
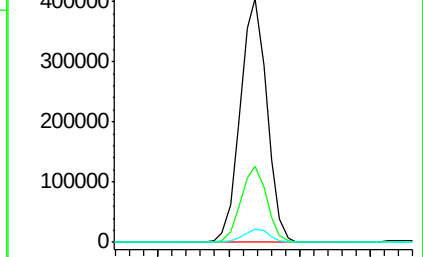
279 5.5 4.0 6.0



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: 44.322 ng

RT: 22.78 min Scan# 3318

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

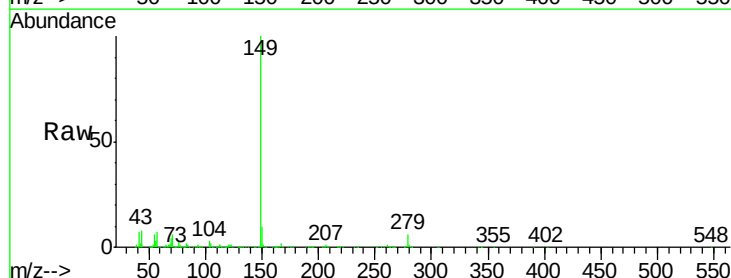
Tgt Ion:149 Resp: 903225

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

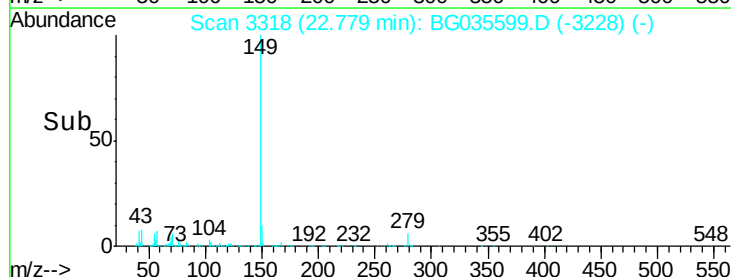
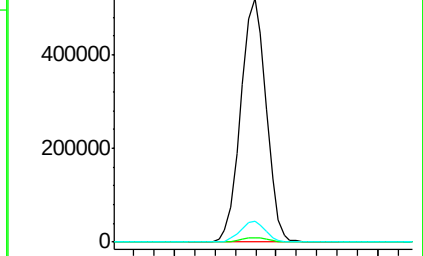
43 8.7 8.9 13.3#

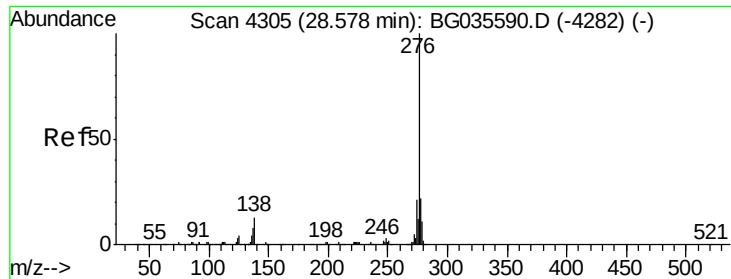


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

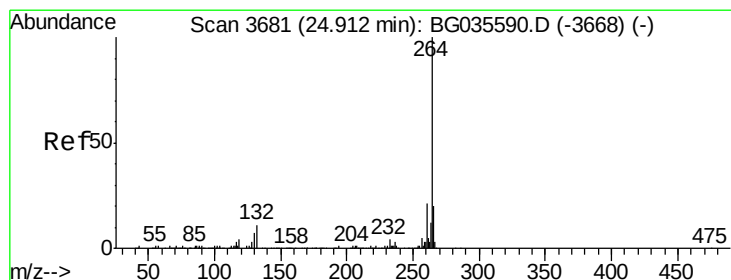
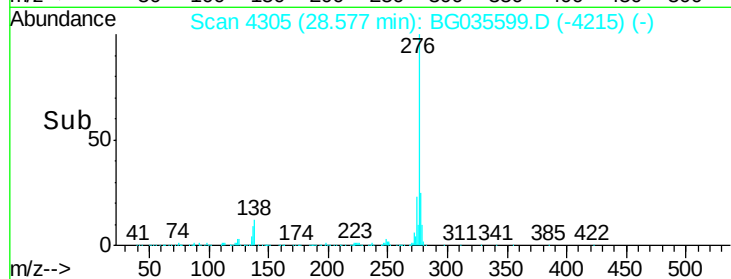
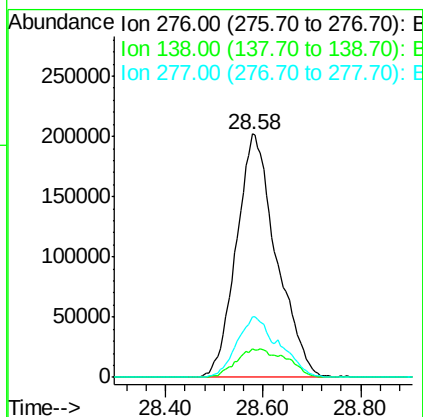
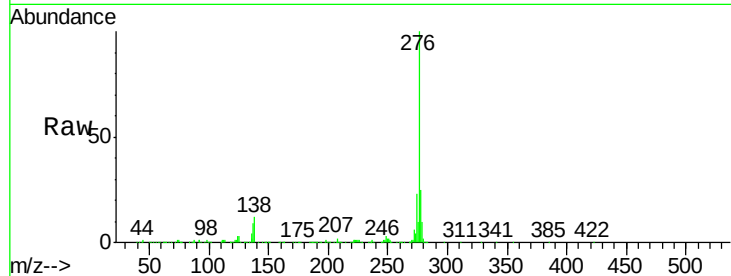




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.356 ng
 RT: 28.58 min Scan# 4305
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

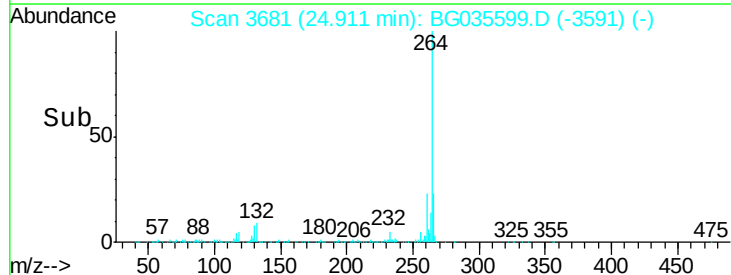
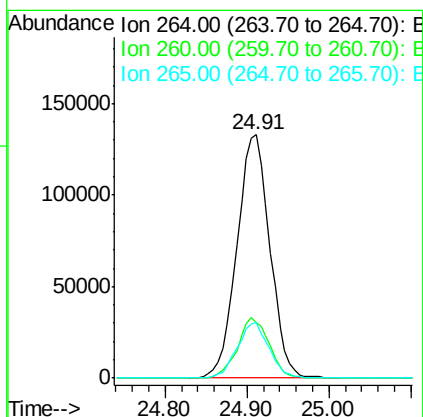
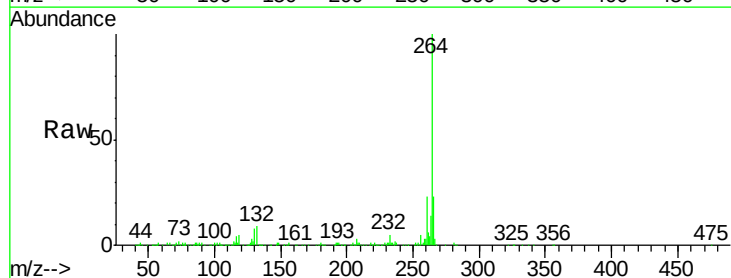
Instrument :
 BNA_G
 ClientSampleId :
 PB110986BS

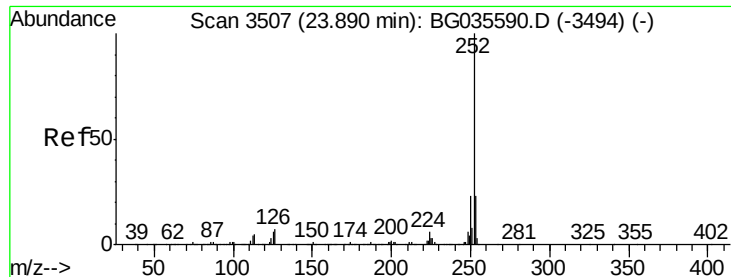
Tgt Ion:276 Resp: 1148106
 Ion Ratio Lower Upper
 276 100
 138 14.7 16.0 24.0#
 277 26.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: BG035599.D
 Acq: 12 Jul 2018 17:56

Tgt Ion:264 Resp: 371340
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.4 26.0
 265 22.7 17.7 26.5

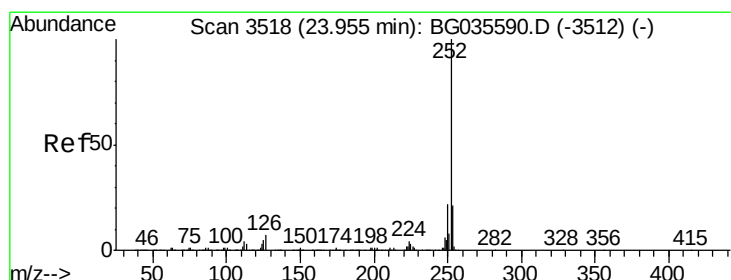
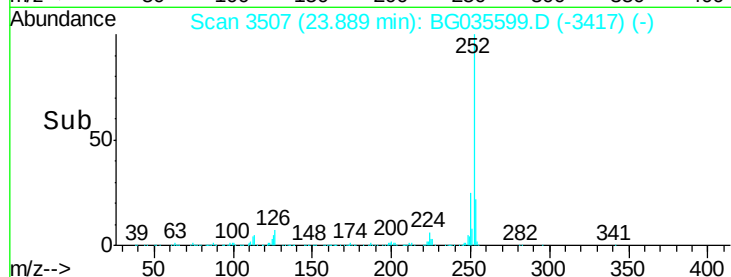
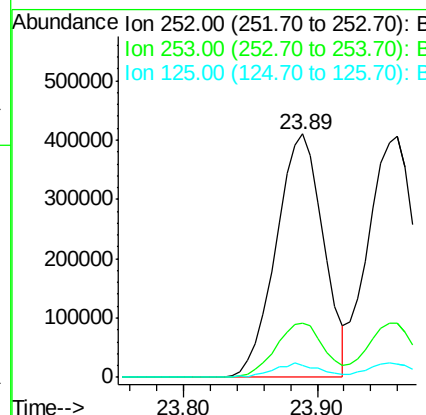
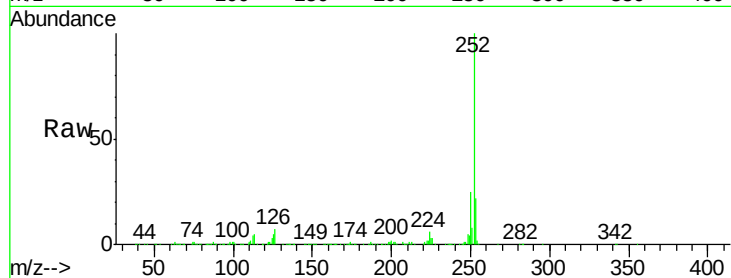




#87
Benzo(b)fluoranthene
Concen: 44.754 ng
RT: 23.89 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

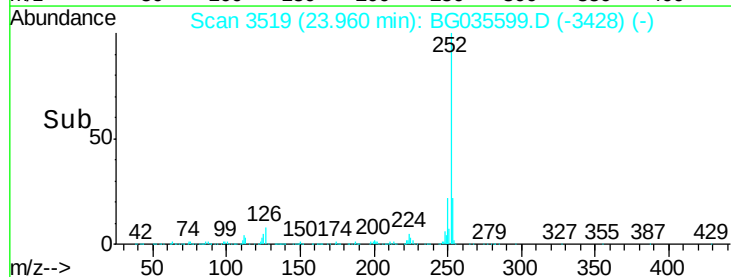
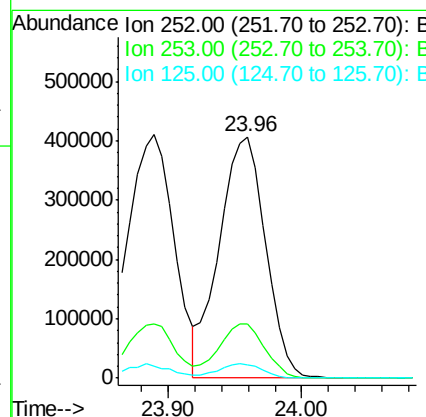
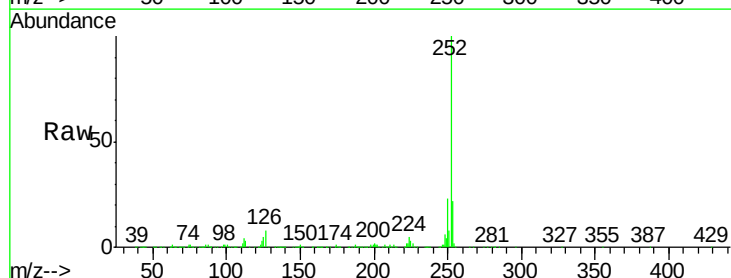
Instrument :
BNA_G
ClientSampleId :
PB110986BS

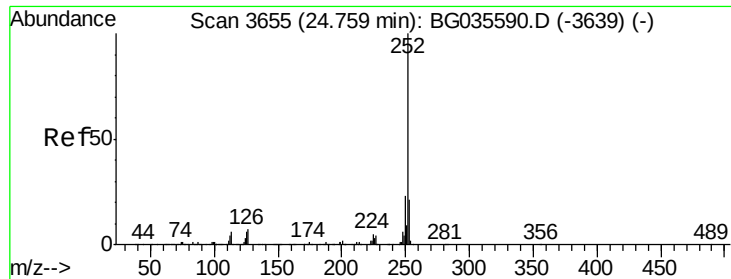
Tgt Ion:252 Resp: 1010084
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 5.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 44.392 ng
RT: 23.96 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG035599.D
Acq: 12 Jul 2018 17:56

Tgt Ion:252 Resp: 979518
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 5.5 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 47.084 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

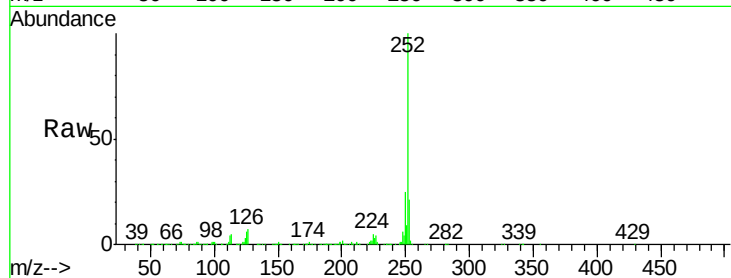
Tgt Ion:252 Resp: 988632

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

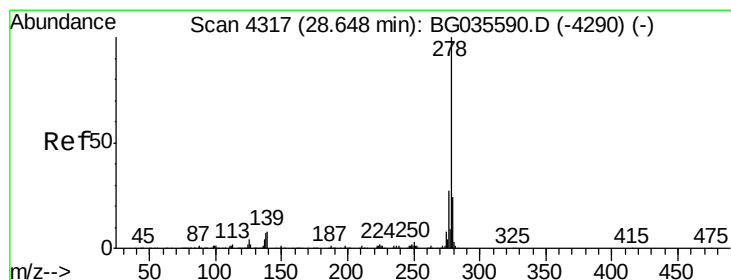
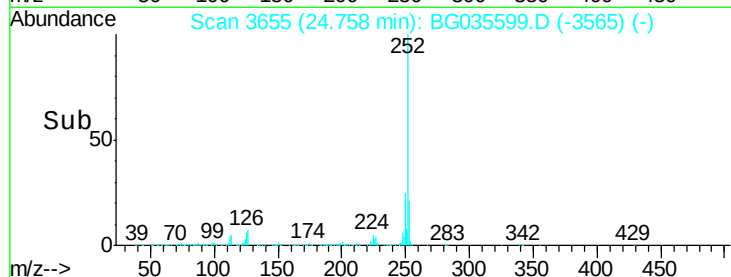
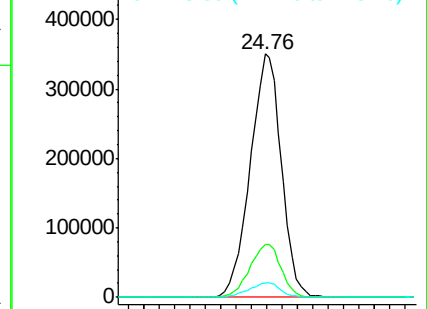
125 6.2 7.3 10.9#



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: 46.076 ng

RT: 28.65 min Scan# 4317

Delta R.T. -0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

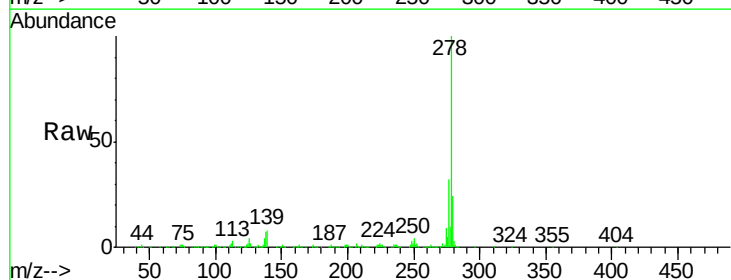
Tgt Ion:278 Resp: 949810

Ion Ratio Lower Upper

278 100

139 8.4 9.8 14.6#

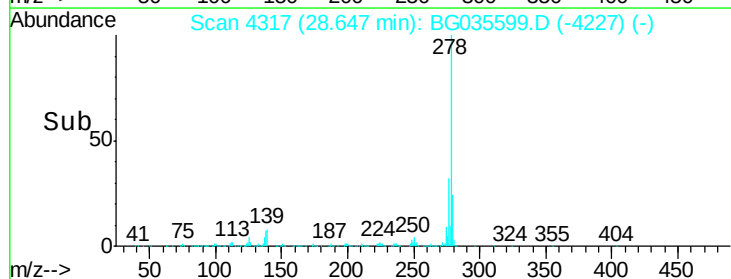
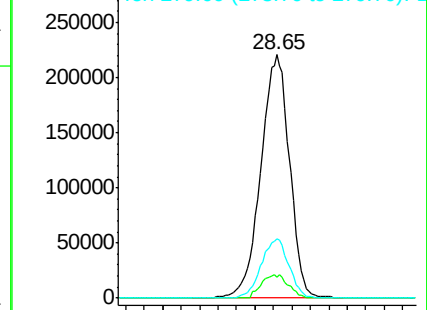
279 24.3 18.4 27.6

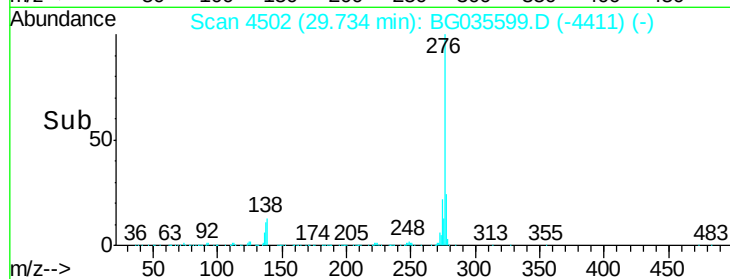
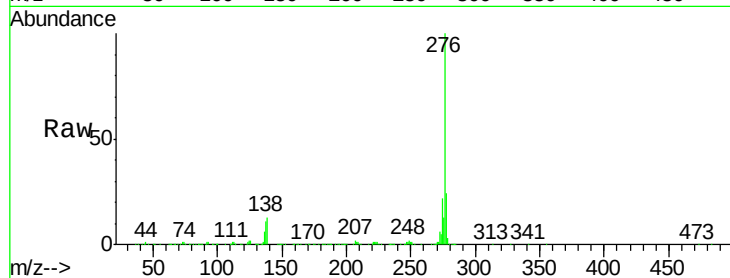
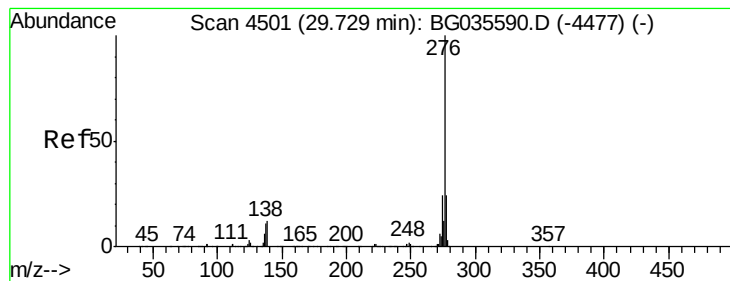


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.989 ng

RT: 29.73 min Scan# 4502

Delta R.T. 0.00 min

Lab File: BG035599.D

Acq: 12 Jul 2018 17:56

Instrument :

BNA_G

ClientSampleId :

PB110986BS

Tgt Ion: 276 Resp: 947840

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 12.9 13.9 20.9#

