

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035597.D
 Acq On : 12 Jul 2018 16:38
 Operator : JU/SJ
 Sample : PB110905BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

Quant Time: Jul 13 00:36:04 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	49659	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	198451	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	147654	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	392615	20.00	ng	0.00
75) Chrysene-d12	21.69	240	399148	20.00	ng	0.00
86) Perylene-d12	24.91	264	376587	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	417049	139.43	ng	0.00
7) Phenol-d6	7.22	99	610393	136.78	ng	0.00
23) Nitrobenzene-d5	9.22	82	400077	84.22	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	269711	138.59	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	904803	82.10	ng	0.00
78) Terphenyl-d14	20.02	244	1558749	86.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	41463	27.236	ng	# 80
3) Pyridine	3.94	79	127755	32.145	ng	# 75
4) n-Nitrosodimethylamine	3.86	42	58518	34.292	ng	# 74
6) Aniline	7.39	93	176315	30.482	ng	97
8) 2-Chlorophenol	7.63	128	136245	44.787	ng	98
9) Benzaldehyde	7.19	77	56052	20.470	ng	98
10) Phenol	7.25	94	207246	45.967	ng	90
11) bis(2-Chloroethyl)ether	7.48	93	140270	39.727	ng	94
12) 1,3-Dichlorobenzene	7.95	146	140926	38.362	ng	# 93
13) 1,4-Dichlorobenzene	8.09	146	144295	38.658	ng	97
14) 1,2-Dichlorobenzene	8.41	146	140946	39.307	ng	93
15) Benzyl Alcohol	8.29	79	175741	43.366	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	167843	56.700	ng	78
17) 2-Methylphenol	8.50	107	140558	45.853	ng	# 89
18) Hexachloroethane	9.14	117	53249	37.311	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	135725	36.117	ng	# 88
20) 3+4-Methylphenols	8.82	107	193690	45.547	ng	94
22) Acetophenone	8.88	105	239467	38.804	ng	# 90
24) Nitrobenzene	9.26	77	201318	42.138	ng	94
25) Isophorone	9.78	82	398343	45.171	ng	98
26) 2-Nitrophenol	9.97	139	78525	46.280	ng	# 86
27) 2,4-Dimethylphenol	10.03	122	149890	52.188	ng	92
28) bis(2-Chloroethoxy)methane	10.26	93	201986	41.567	ng	96
29) 2,4-Dichlorophenol	10.51	162	162550	49.580	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	169396	42.136	ng	97
31) Naphthalene	10.91	128	421748	40.798	ng	99
32) Benzoic acid	10.18	122	81903	42.360	ng	93
33) 4-Chloroaniline	11.02	127	92141	20.451	ng	# 91
34) Hexachlorobutadiene	11.19	225	127217	40.580	ng	95
35) Caprolactam	11.80	113	32492	23.094	ng	# 76
36) 4-Chloro-3-methylphenol	12.14	107	212886	48.442	ng	91
37) 2-Methylnaphthalene	12.51	142	335899	43.614	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	226796	40.696	ng	99
40) Hexachlorocyclopentadiene	12.86	237	305103	104.391	ng	94

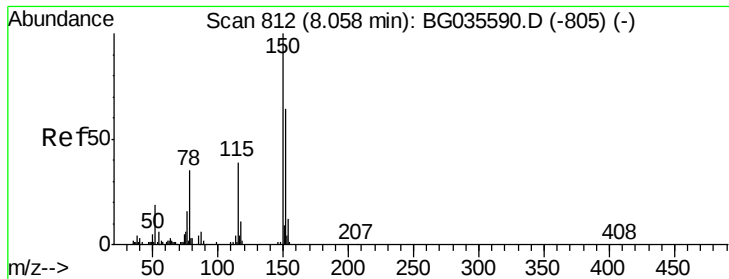
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035597.D
 Acq On : 12 Jul 2018 16:38
 Operator : JU/SJ
 Sample : PB110905BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

Quant Time: Jul 13 00:36:04 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)
42) 2,4,6-Trichlorophenol	13.12	196	152024	46.646	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	162670	44.617	ng	97
45) 1,1'-Biphenyl	13.52	154	468972	40.967	ng	96
46) 2-Chloronaphthalene	13.56	162	365943	41.097	ng	97
47) 2-Nitroaniline	13.76	65	139965	44.462	ng	94
48) Acenaphthylene	14.40	152	617560	41.403	ng	98
49) Dimethylphthalate	14.13	163	522338	40.377	ng	98
50) 2,6-Dinitrotoluene	14.25	165	120334	45.678	ng	95
51) Acenaphthene	14.74	154	366472	39.441	ng	99
52) 3-Nitroaniline	14.58	138	69175	25.691	ng #	80
53) 2,4-Dinitrophenol	14.79	184	133358	96.923	ng #	59
54) Dibenzofuran	15.08	168	602584	40.778	ng	94
55) 4-Nitrophenol	14.90	139	183522	95.708	ng #	83
56) 2,4-Dinitrotoluene	15.04	165	173569	45.925	ng	91
57) Fluorene	15.72	166	505659	40.827	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	168587	48.227	ng #	93
59) Diethylphthalate	15.49	149	523365	39.344	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	293278	40.288	ng	97
61) 4-Nitroaniline	15.75	138	120180	42.670	ng #	83
62) Azobenzene	16.01	77	548567	41.808	ng	96
64) 4,6-Dinitro-2-methylphenol	15.80	198	97339	44.538	ng	94
65) n-Nitrosodiphenylamine	15.93	169	452513	40.492	ng	95
66) 4-Bromophenyl-phenylether	16.61	248	197884	43.443	ng	96
67) Hexachlorobenzene	16.73	284	201932	43.049	ng	95
68) Atrazine	16.88	200	206227	44.820	ng	96
69) Pentachlorophenol	17.07	266	230516	80.681	ng	99
70) Phenanthrene	17.47	178	811222	41.408	ng	98
71) Anthracene	17.56	178	836598	42.887	ng	97
72) Carbazole	17.82	167	767285	41.418	ng	99
73) Di-n-butylphthalate	18.37	149	871085	39.790	ng #	98
74) Fluoranthene	19.47	202	1068650	40.497	ng	96
76) Benzidine	19.65	184	377089	35.935	ng	96
77) Pyrene	19.83	202	1058507	41.940	ng	97
79) Butylbenzylphthalate	20.71	149	387916	42.980	ng #	96
80) Benzo(a)anthracene	21.67	228	1062232	42.705	ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	237801	27.419	ng	99
82) Chrysene	21.74	228	980507	42.538	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	526708	42.926	ng	99
84) Di-n-octyl phthalate	22.78	149	893381	43.485	ng #	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1125848	44.117	ng #	94
87) Benzo(b)fluoranthene	23.89	252	993268	43.395	ng #	96
88) Benzo(k)fluoranthene	23.95	252	940973	42.051	ng #	96
89) Benzo(a)pyrene	24.76	252	969474	45.528	ng #	96
90) Dibenzo(a,h)anthracene	28.64	278	926590	44.323	ng	97
91) Benzo(g,h,i)perylene	29.73	276	936223	45.766	ng #	92

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

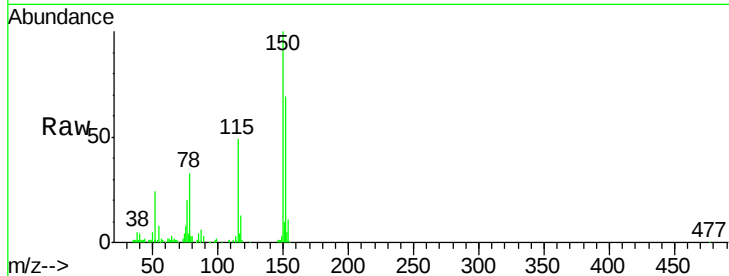


#1

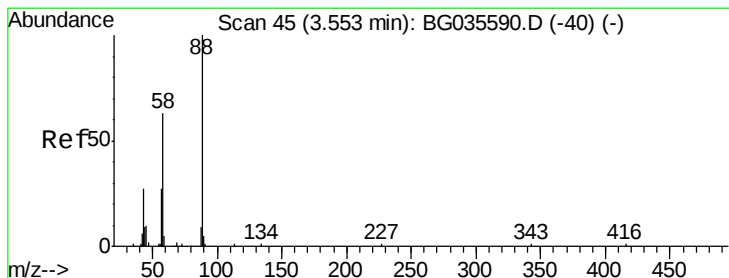
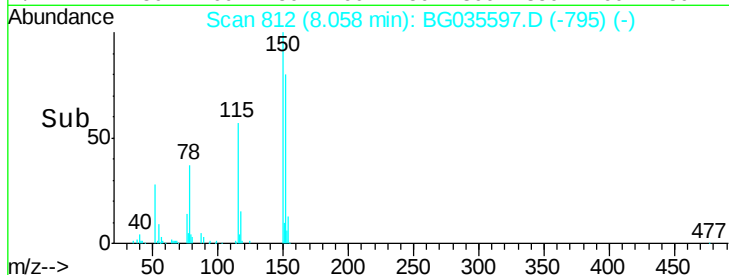
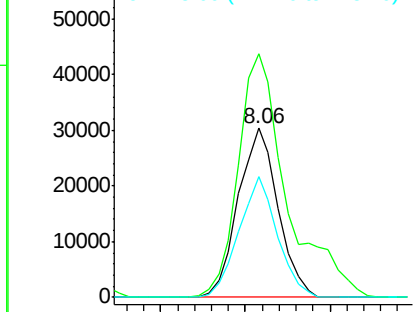
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Instrument :
BNA_G
ClientSampleId :
PB110905BS

Tgt Ion:152 Resp: 49659
Ion Ratio Lower Upper
152 100
150 144.3 126.6 189.8
115 71.3 53.0 79.4



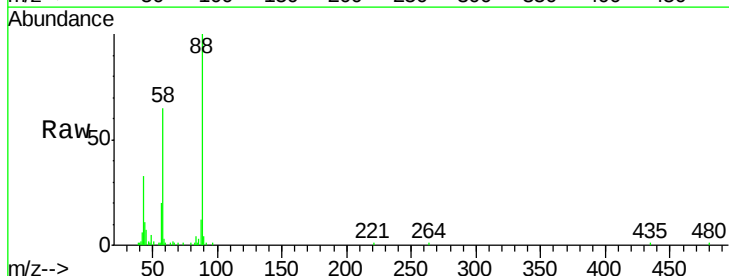
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



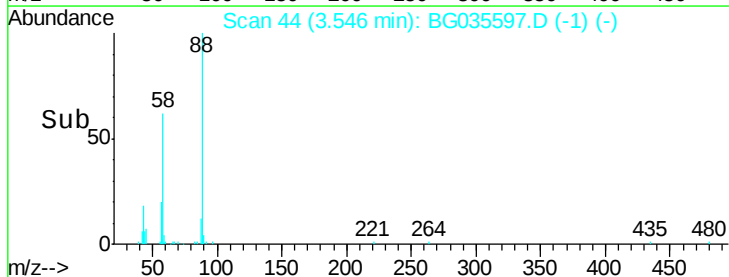
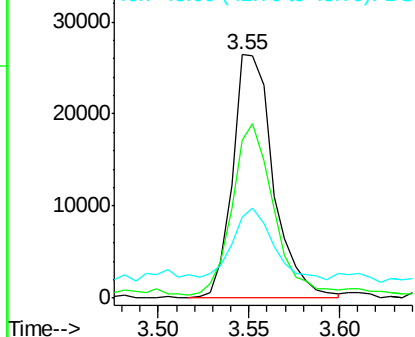
#2

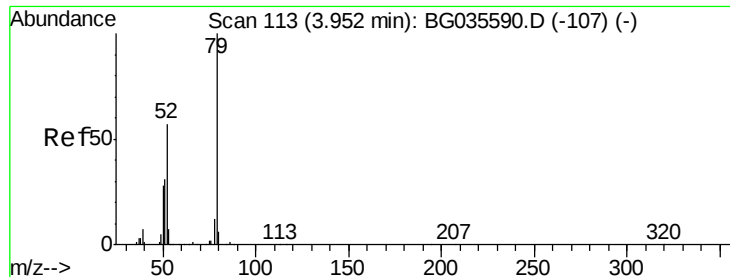
1,4-Dioxane
Concen: 27.236 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.01 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion: 88 Resp: 41463
Ion Ratio Lower Upper
88 100
58 74.6 79.6 119.4#
43 30.7 27.4 41.0



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





#3

Pyridine

Concen: 32.145 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

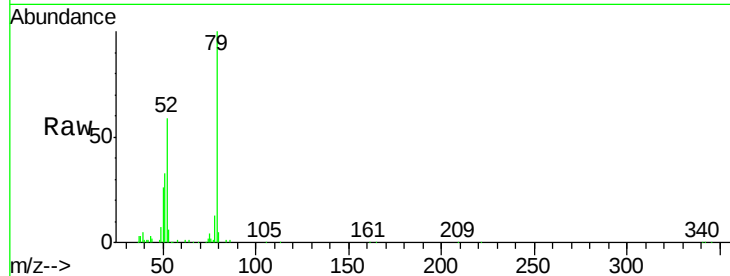
Tgt Ion: 79 Resp: 127755

Ion Ratio Lower Upper

79 100

52 59.4 69.9 104.9#

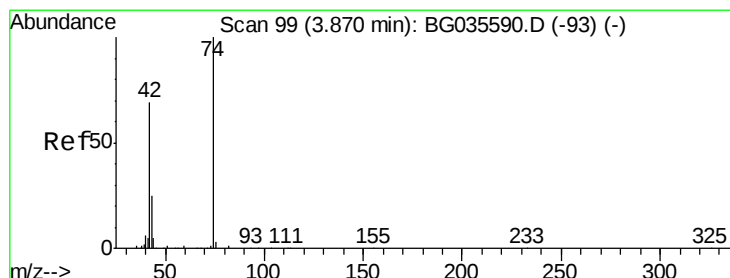
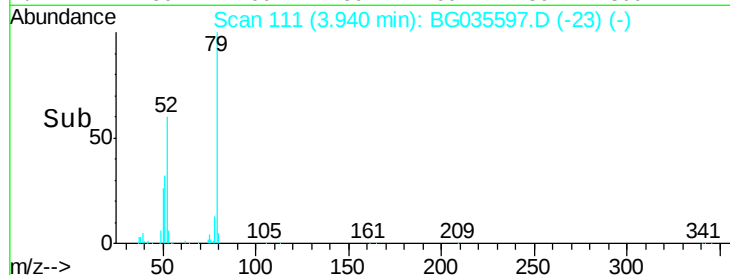
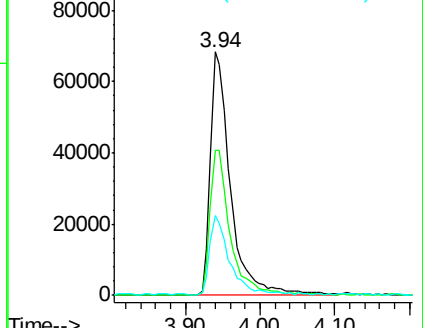
51 32.5 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.292 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

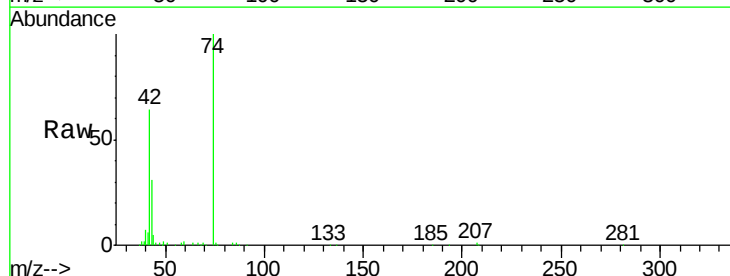
Tgt Ion: 42 Resp: 58518

Ion Ratio Lower Upper

42 100

74 157.2 102.5 153.7#

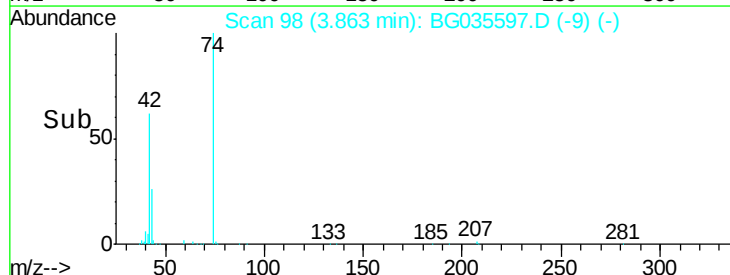
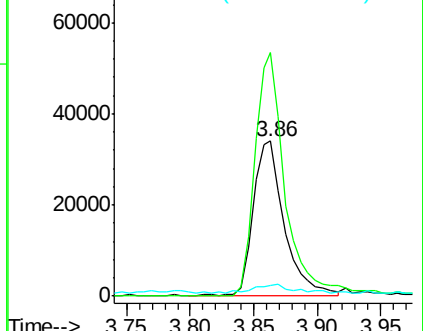
44 7.1 18.9 28.3#



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: 139.431 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

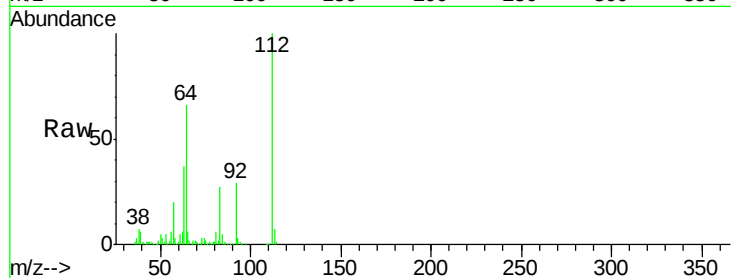
Tgt Ion: 112 Resp: 417049

Ion Ratio Lower Upper

112 100

64 65.5 56.3 84.5

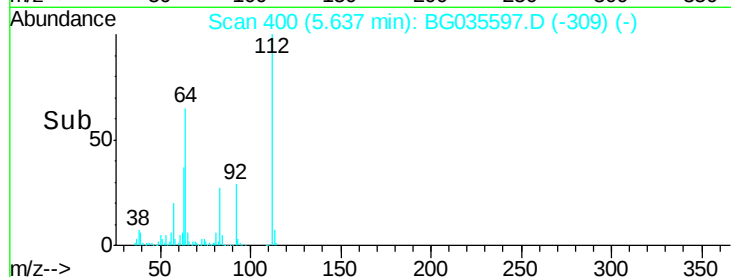
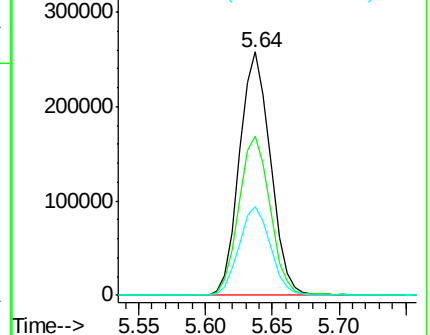
63 36.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.482 ng

RT: 7.39 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

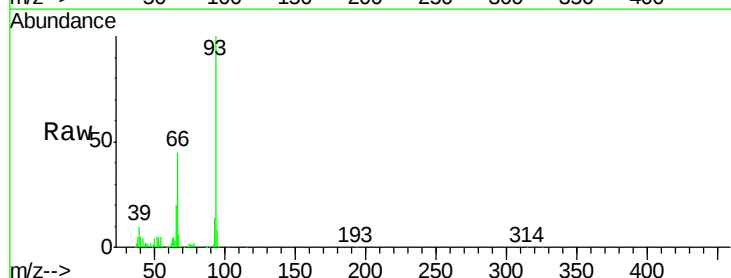
Tgt Ion: 93 Resp: 176315

Ion Ratio Lower Upper

93 100

66 45.2 33.7 50.5

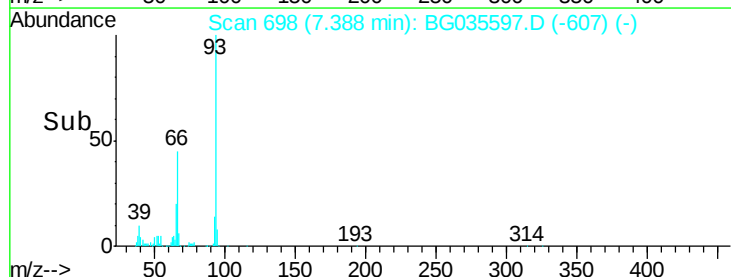
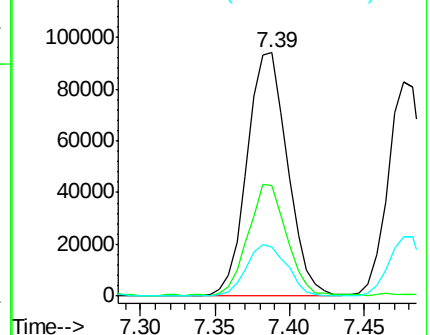
65 20.1 16.1 24.1

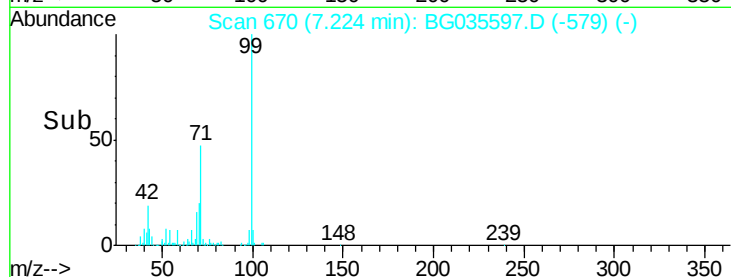
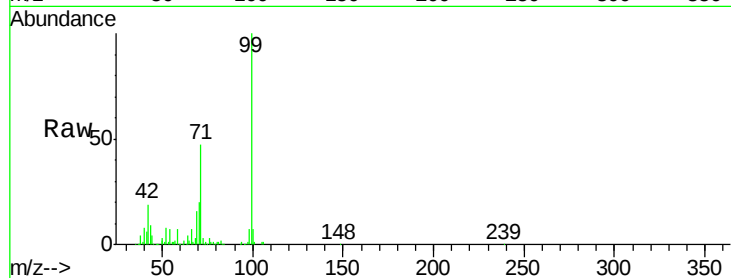
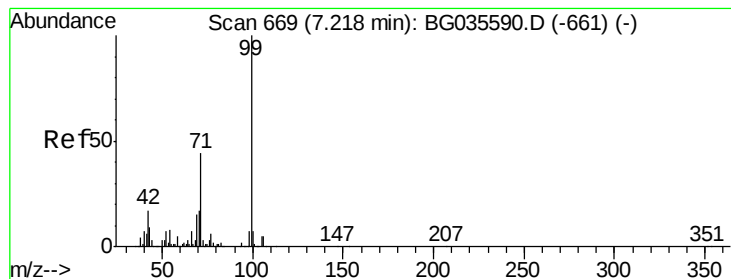


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.778 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

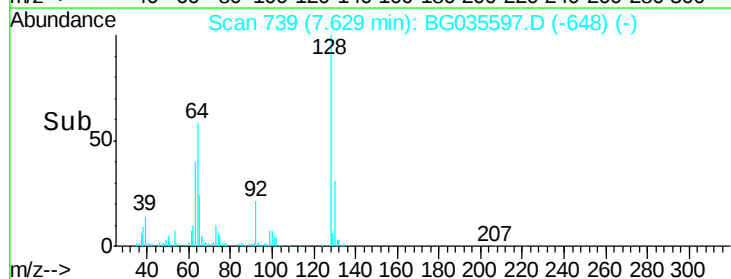
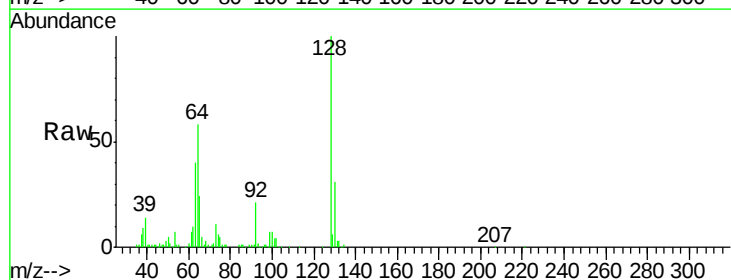
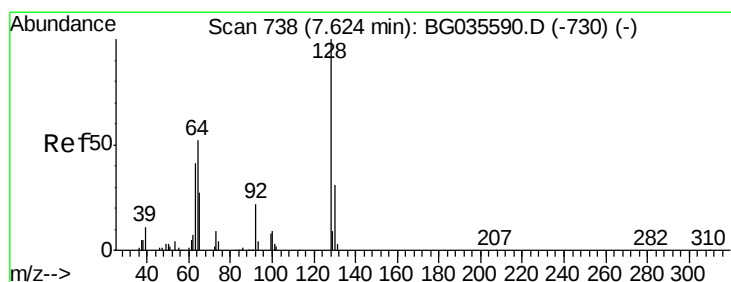
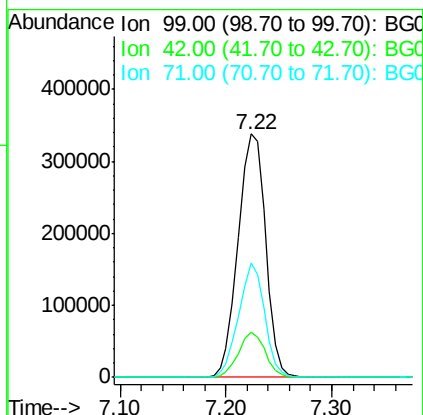
Tgt Ion: 99 Resp: 610393

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

71 47.0 26.1 39.1#



#8

2-Chlorophenol

Concen: 44.787 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

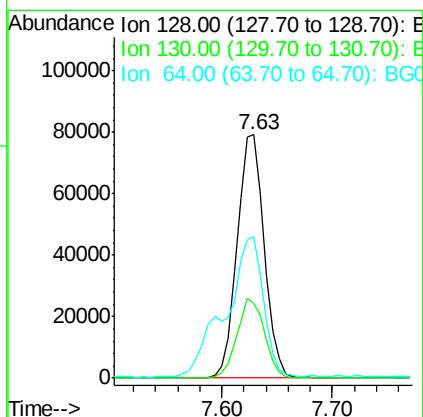
Tgt Ion: 128 Resp: 136245

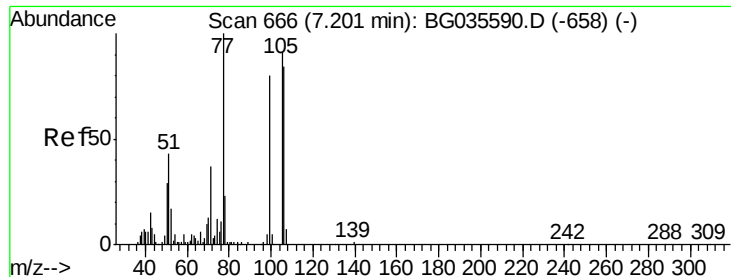
Ion Ratio Lower Upper

128 100

130 30.7 14.0 54.0

64 58.0 37.7 77.7





#9

Benzaldehyde

Concen: 20.470 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

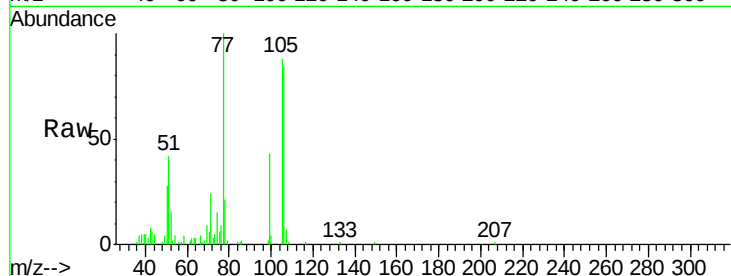
Tgt Ion: 77 Resp: 56052

Ion Ratio Lower Upper

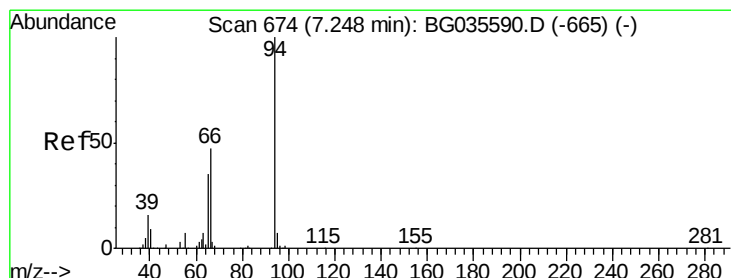
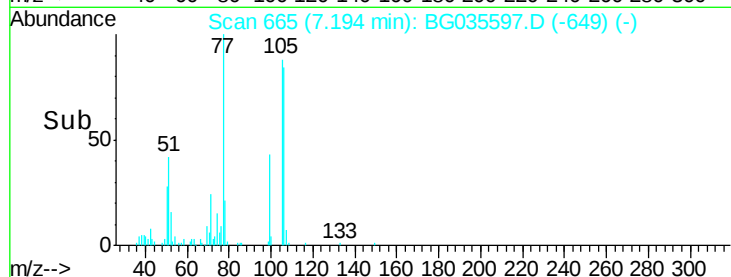
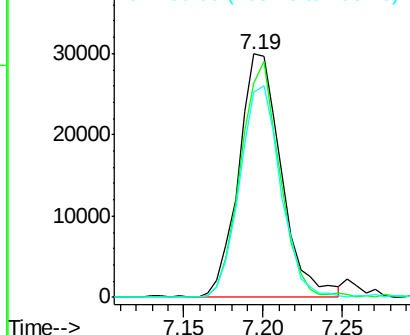
77 100

105 87.7 71.3 111.3

106 84.4 64.2 104.2



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



#10

Phenol

Concen: 45.967 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

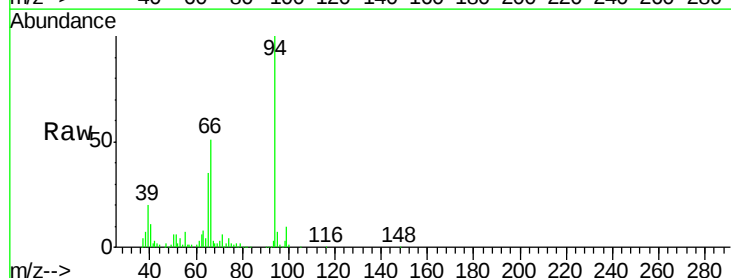
Tgt Ion: 94 Resp: 207246

Ion Ratio Lower Upper

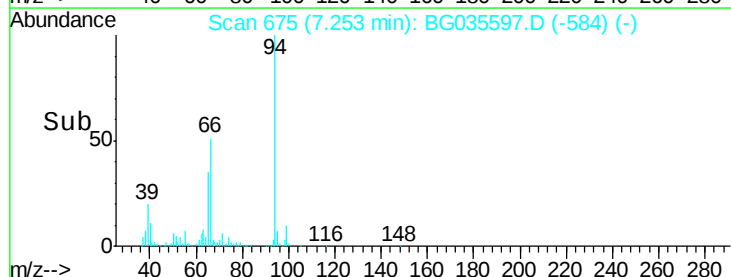
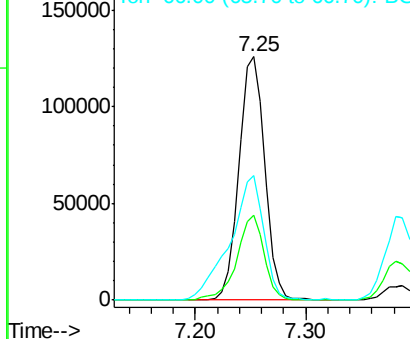
94 100

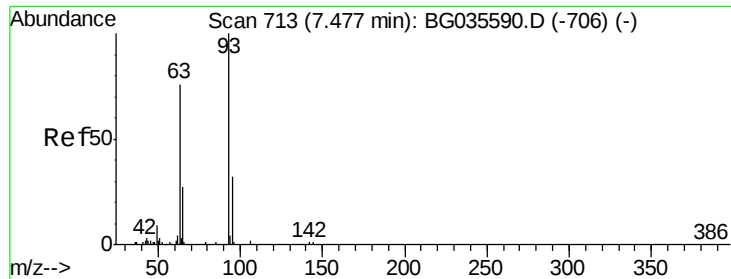
65 35.1 11.9 51.9

66 51.0 22.2 62.2



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

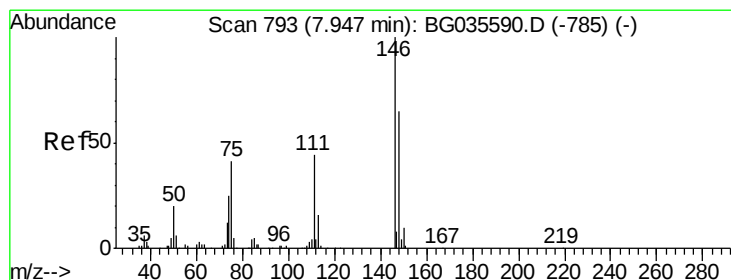
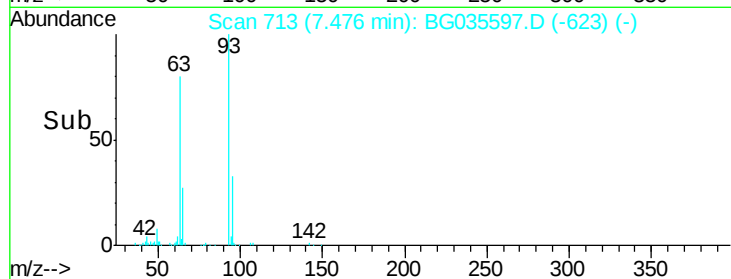
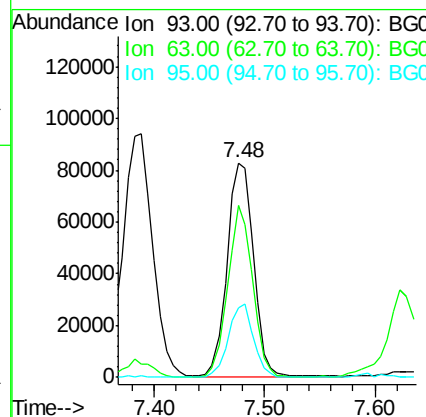
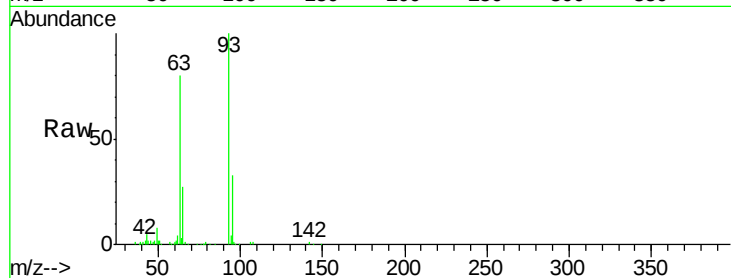




#11
 bis(2-Chloroethyl)ether
 Concen: 39.727 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

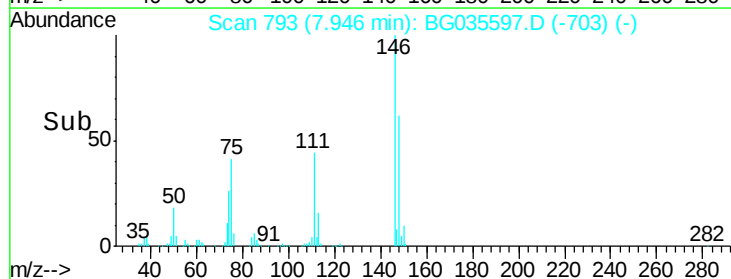
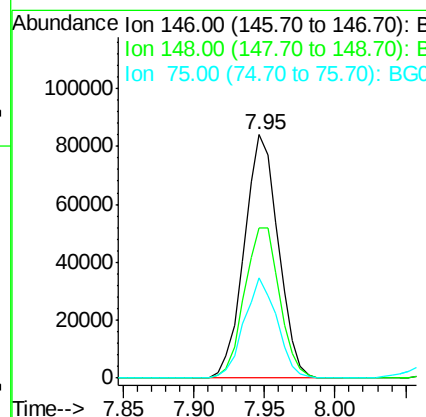
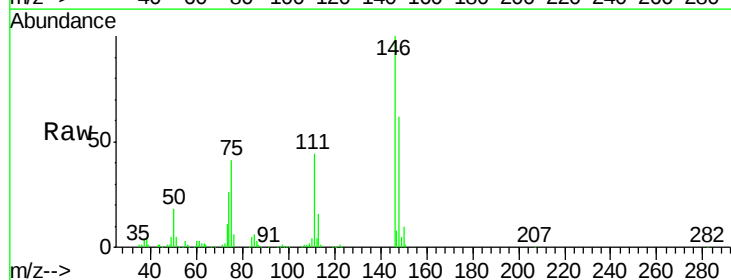
Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

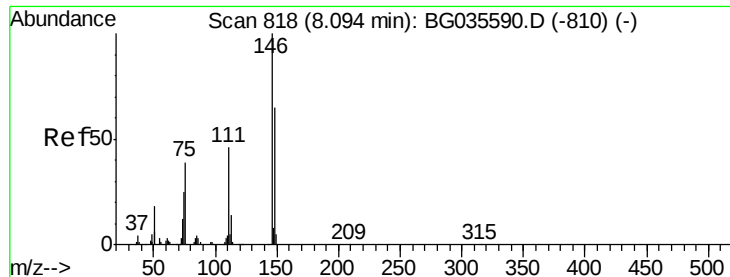
Tgt Ion: 93 Resp: 140270
 Ion Ratio Lower Upper
 93 100
 63 80.2 67.1 107.1
 95 32.6 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 38.362 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion: 146 Resp: 140926
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.4 77.2
 75 41.0 26.6 39.8#

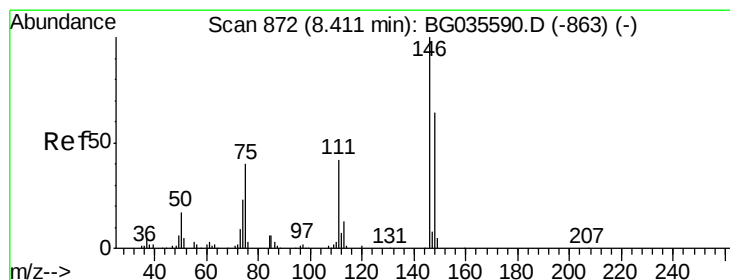
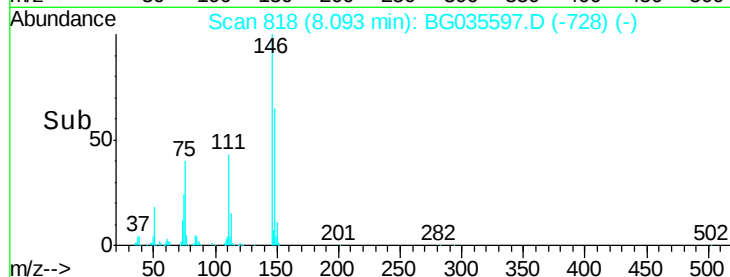
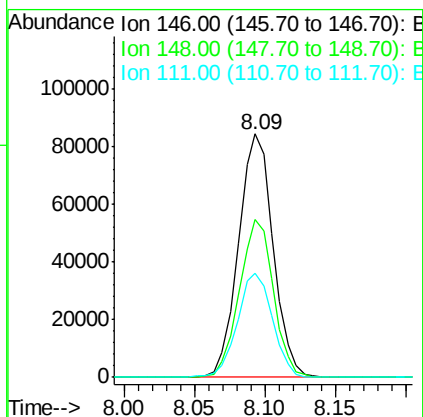
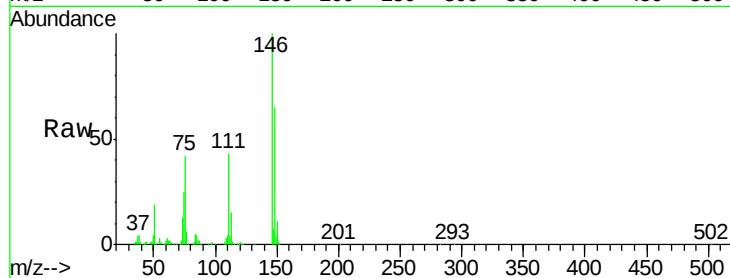




#13
 1,4-Dichlorobenzene
 Concen: 38.658 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

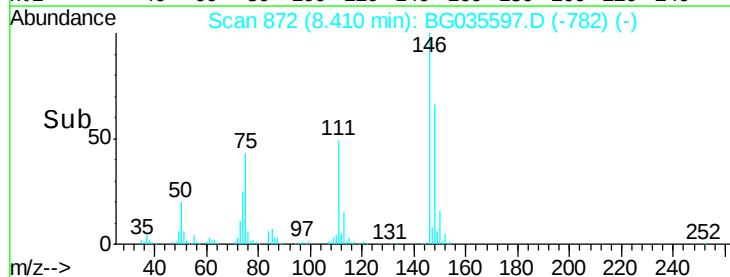
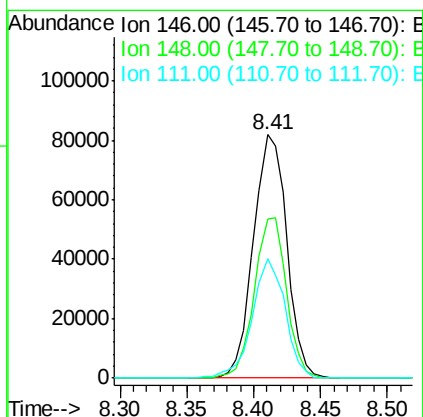
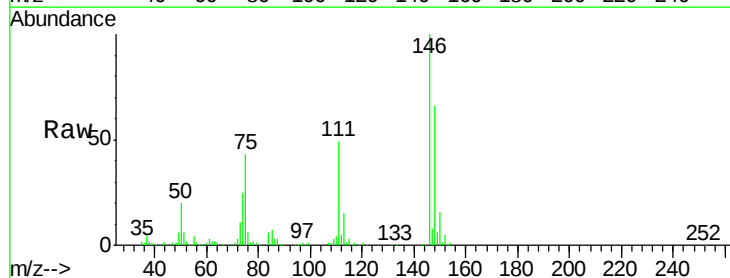
Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

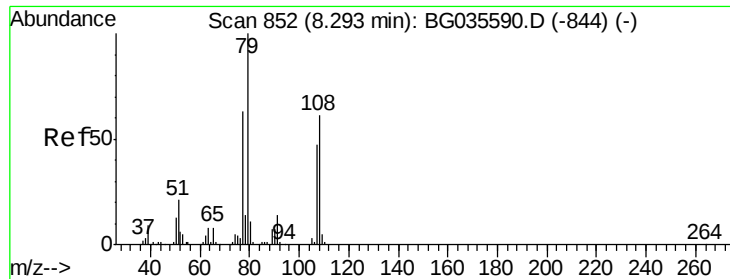
Tgt Ion:146 Resp: 144295
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.7 80.5
 111 42.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.307 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion:146 Resp: 140946
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.3 73.9
 111 49.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.366 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

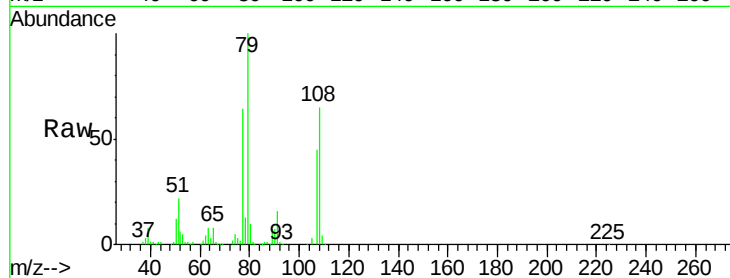
Tgt Ion: 79 Resp: 175741

Ion Ratio Lower Upper

79 100

108 64.8 57.2 85.8

77 63.6 46.1 69.1



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

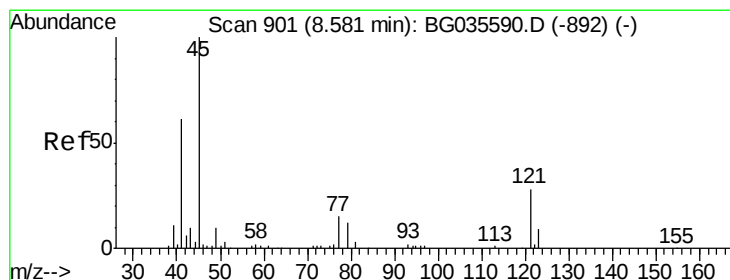
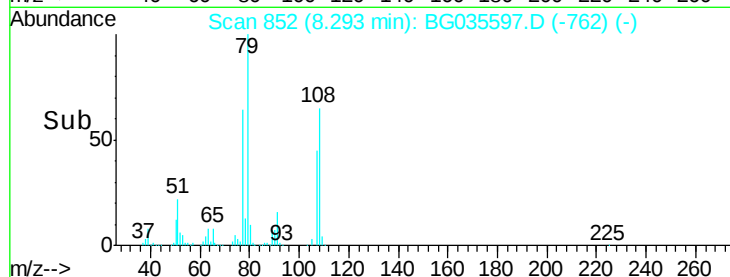
8.29

100000

50000

0

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.700 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

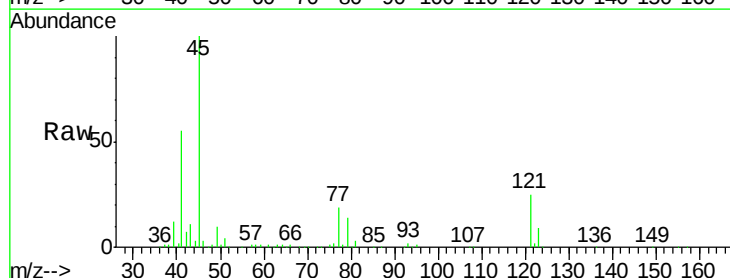
Tgt Ion: 45 Resp: 167843

Ion Ratio Lower Upper

45 100

77 19.2 0.0 30.2

79 14.3 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

8.59

80000

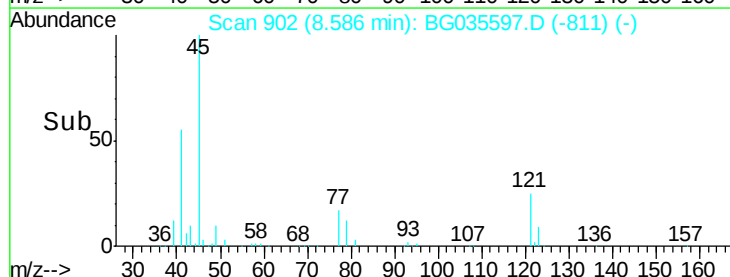
60000

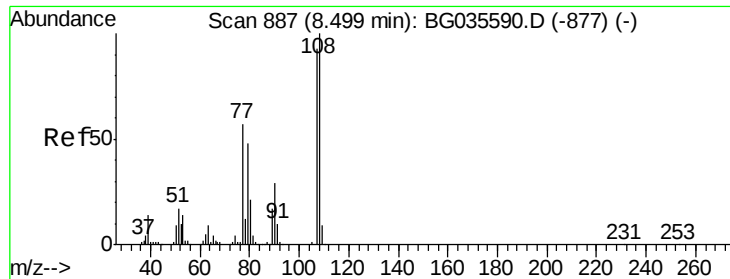
40000

20000

0

Time-->





#17

2-Methylphenol

Concen: 45.853 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

Tgt Ion:107 Resp: 140558

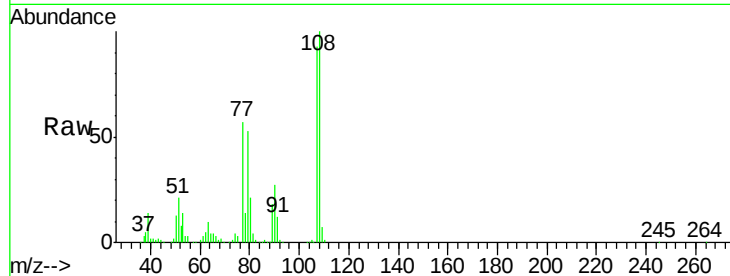
Ion Ratio Lower Upper

107 100

108 107.5 83.9 125.9

77 61.6 37.2 55.8#

79 57.3 36.2 54.2#

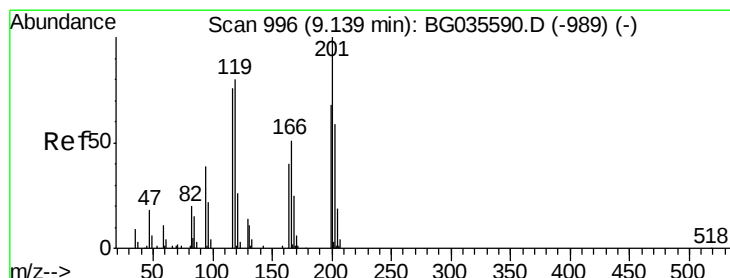
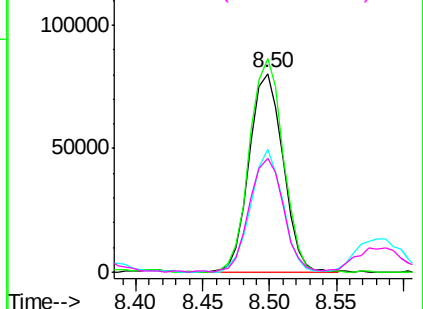
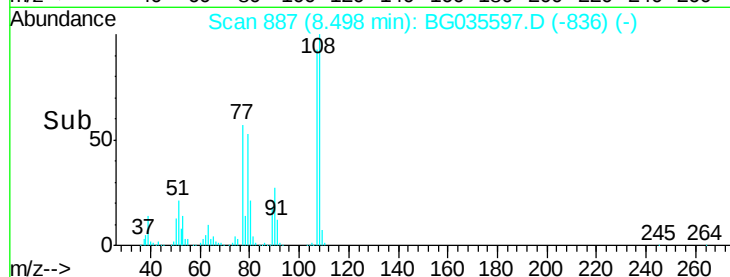


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.311 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

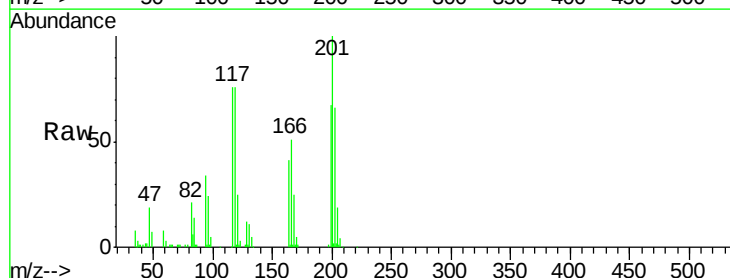
Tgt Ion:117 Resp: 53249

Ion Ratio Lower Upper

117 100

119 100.8 76.7 115.1

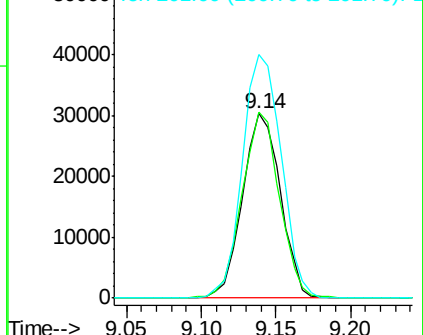
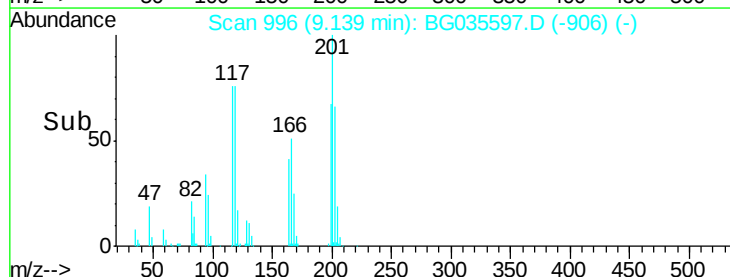
201 132.2 95.7 143.5

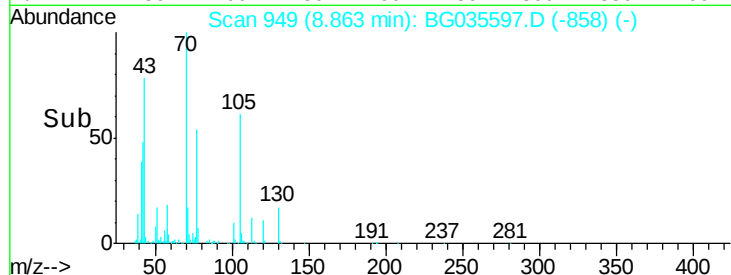
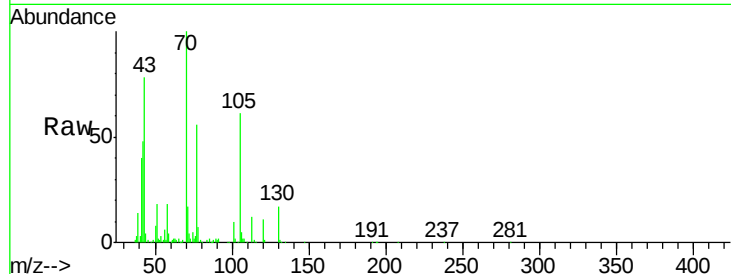
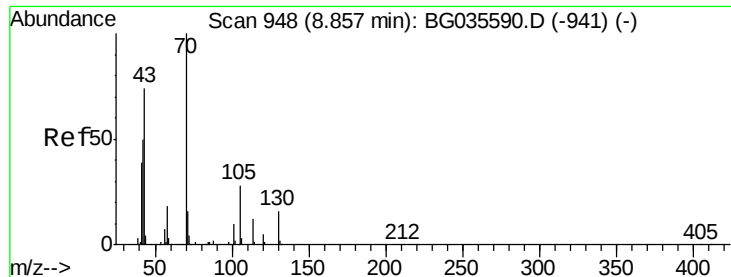


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

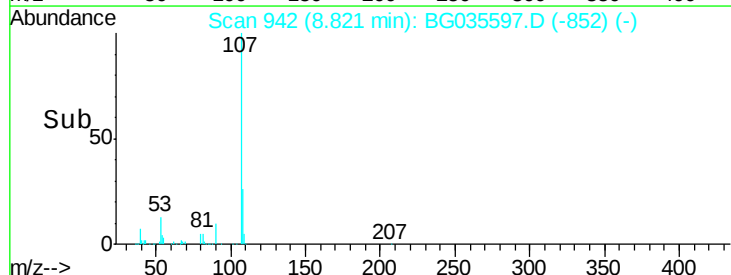
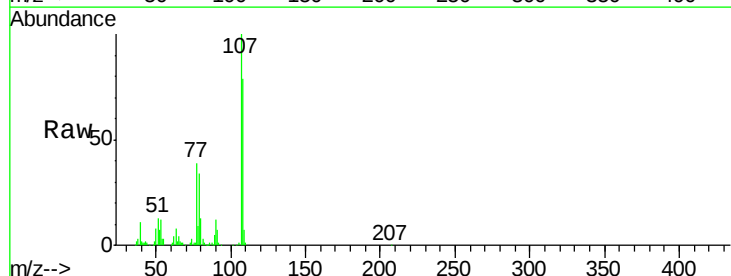
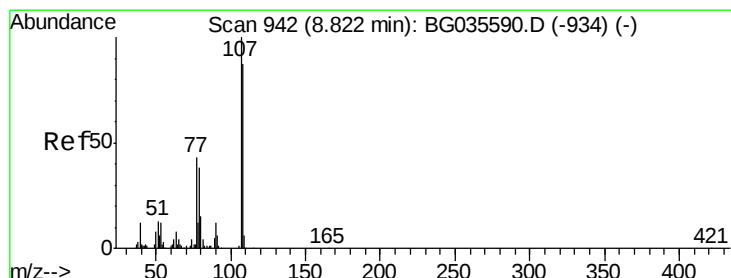
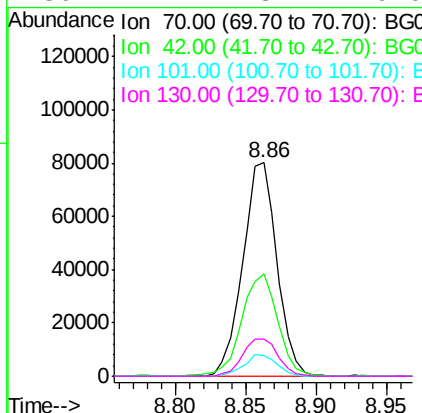




#19
n-Nitroso-di-n-propylamine
Concen: 36.117 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

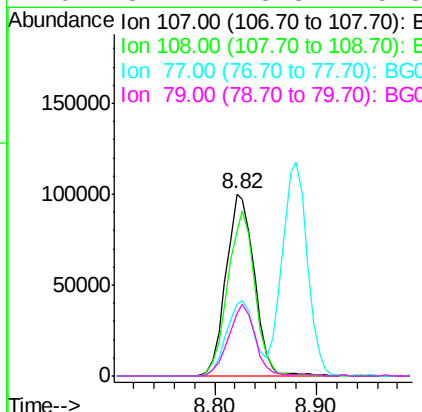
Instrument :
BNA_G
ClientSampleId :
PB110905BS

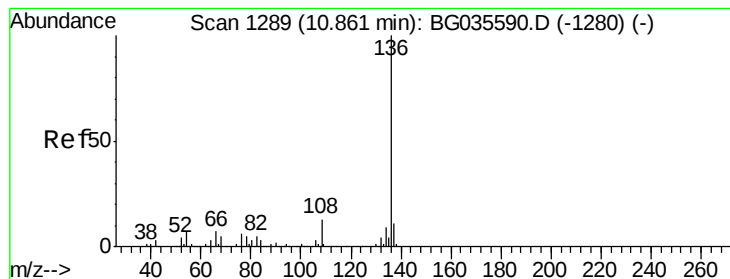
Tgt Ion: 70 Resp: 135725
Ion Ratio Lower Upper
70 100
42 48.1 49.1 73.7#
101 9.8 8.5 12.7
130 17.1 13.4 20.0



#20
3+4-Methylphenols
Concen: 45.547 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion: 107 Resp: 193690
Ion Ratio Lower Upper
107 100
108 79.3 61.6 101.6
77 39.3 13.9 53.9
79 34.2 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: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

Tgt Ion:136 Resp: 198451

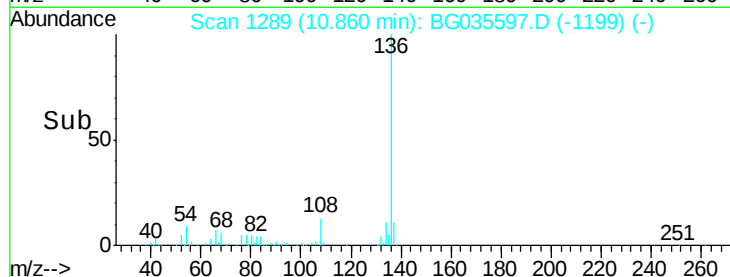
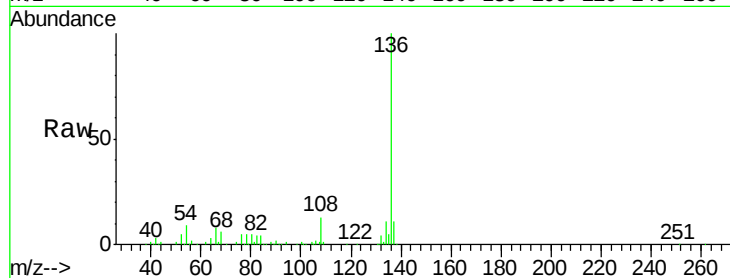
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 9.0 10.3 15.5#

68 5.6 4.5 6.7

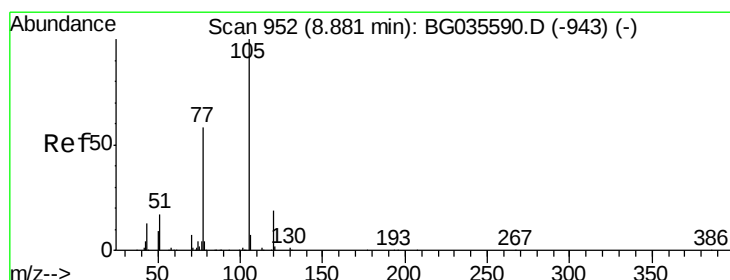
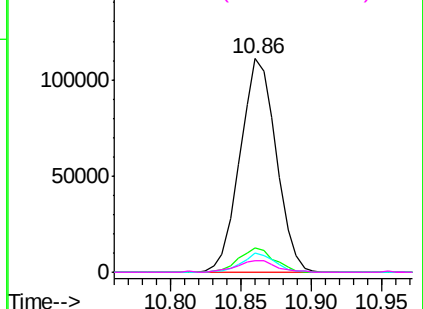


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.804 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Tgt Ion:105 Resp: 239467

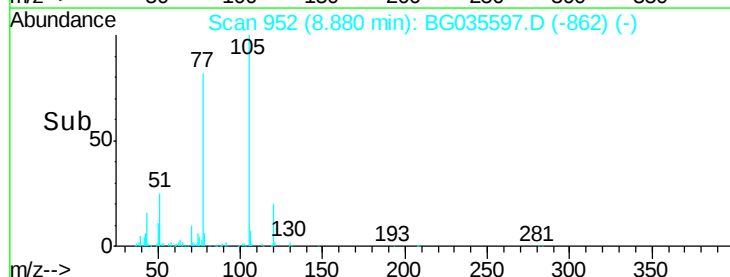
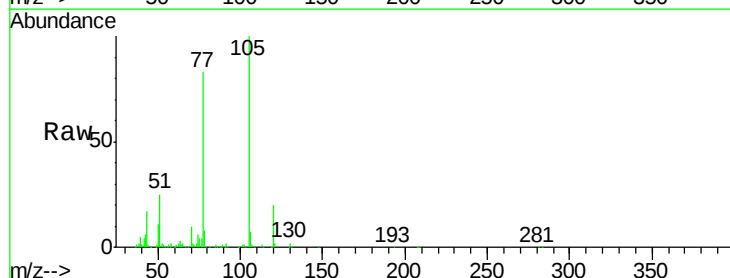
Ion Ratio Lower Upper

105 100

71 2.0 3.0 4.4#

51 24.9 26.1 39.1#

120 19.8 17.4 26.2

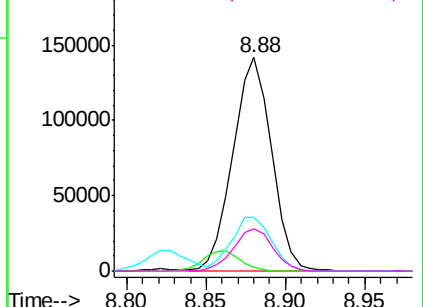


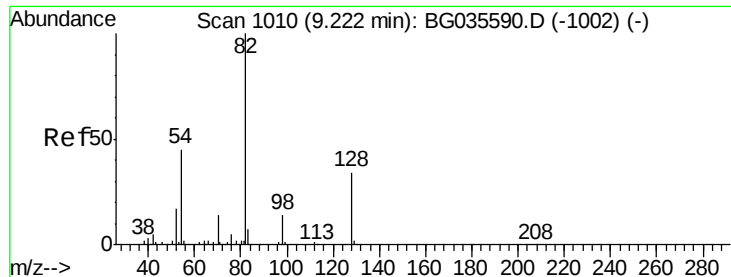
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.218 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

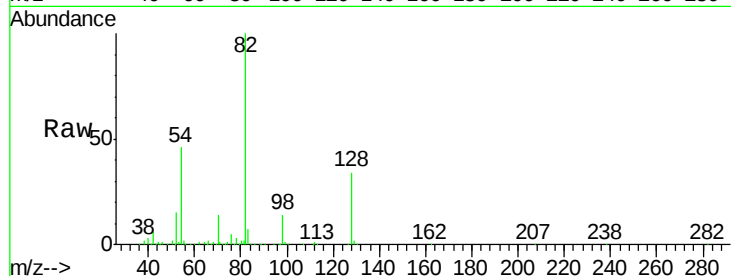
Tgt Ion: 82 Resp: 400077

Ion Ratio Lower Upper

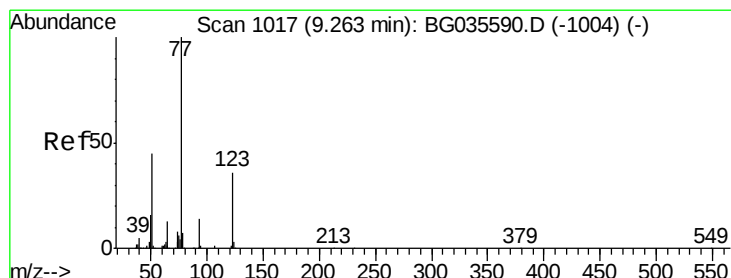
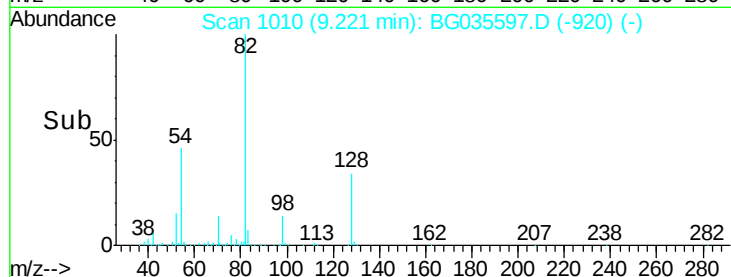
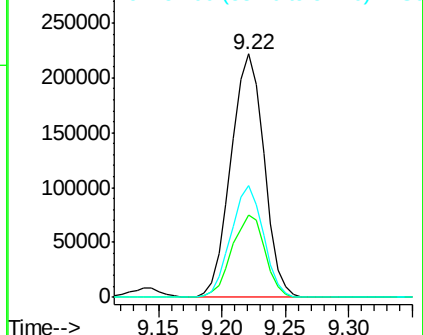
82 100

128 33.6 29.7 44.5

54 46.0 43.1 64.7



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



#24

Nitrobenzene

Concen: 42.138 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

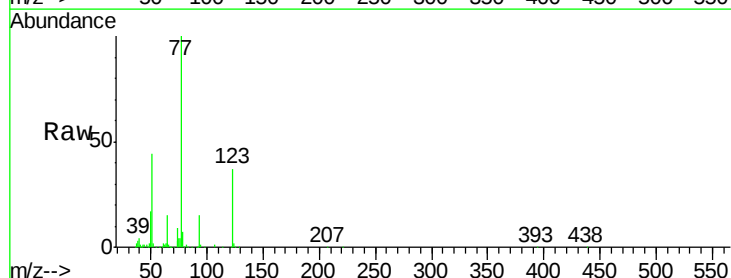
Tgt Ion: 77 Resp: 201318

Ion Ratio Lower Upper

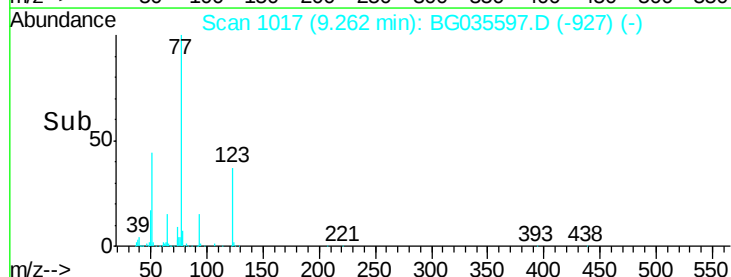
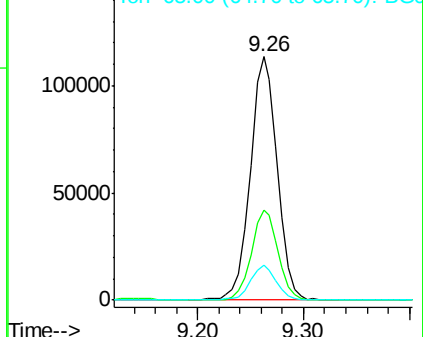
77 100

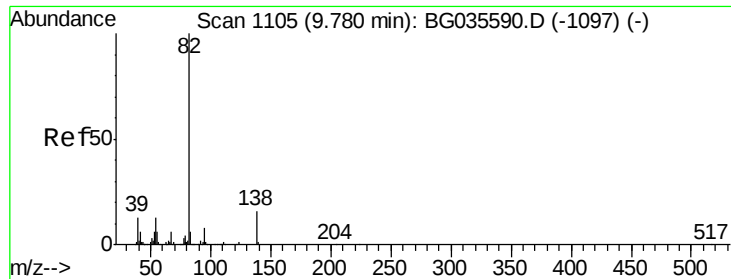
123 36.9 33.0 49.6

65 14.6 13.0 19.6



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

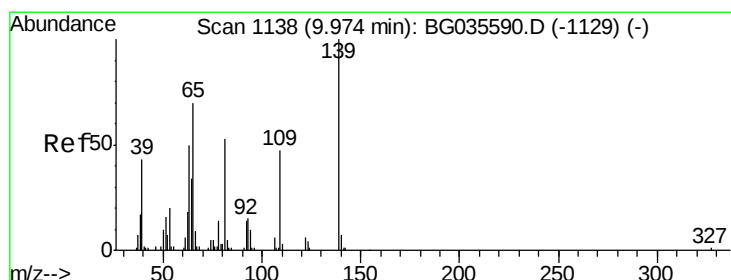
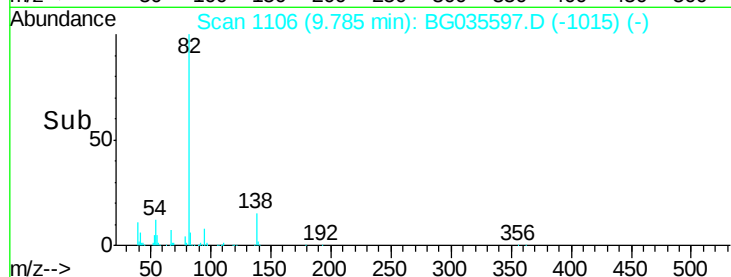
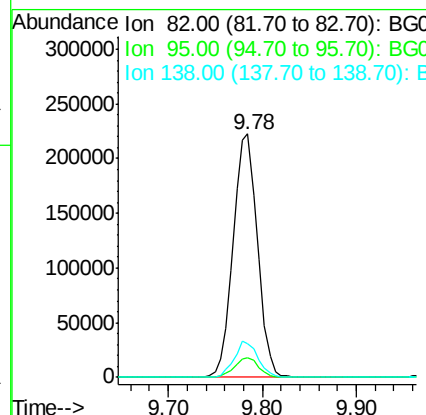
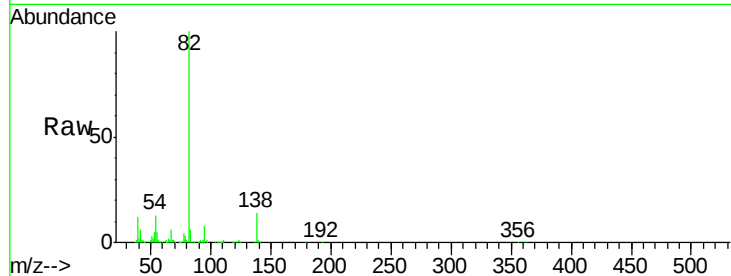




#25
Isophorone
Concen: 45.171 ng
RT: 9.78 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

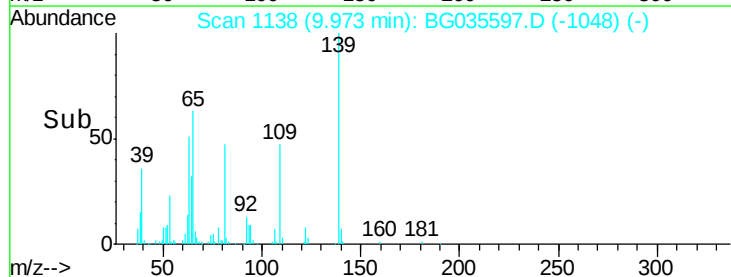
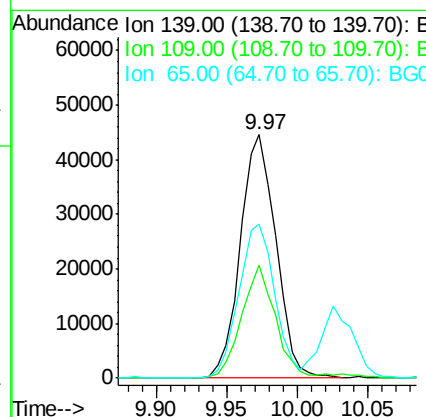
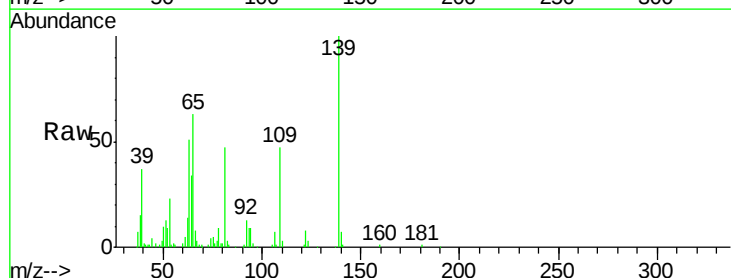
Instrument :
BNA_G
ClientSampleId :
PB110905BS

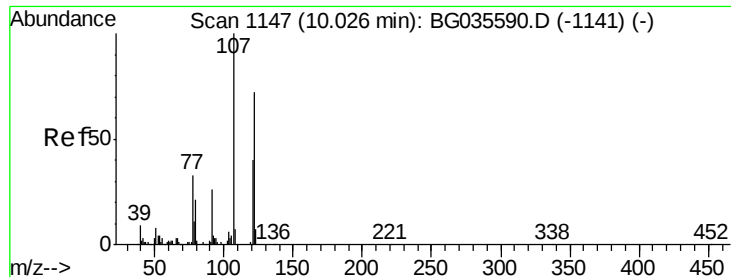
Tgt Ion: 82 Resp: 398343
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 14.0 12.1 18.1



#26
2-Nitrophenol
Concen: 46.280 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion: 139 Resp: 78525
Ion Ratio Lower Upper
139 100
109 46.6 24.2 36.2#
65 63.4 47.4 71.0

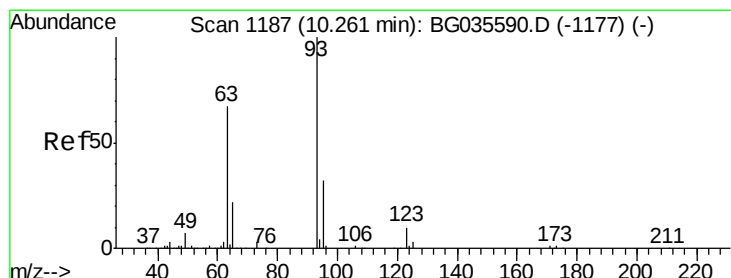
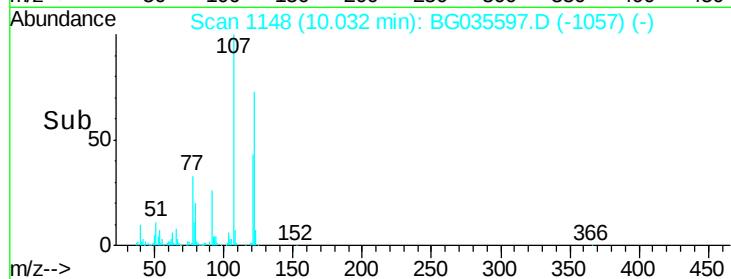
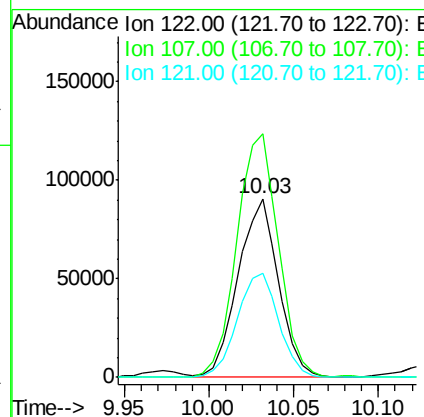
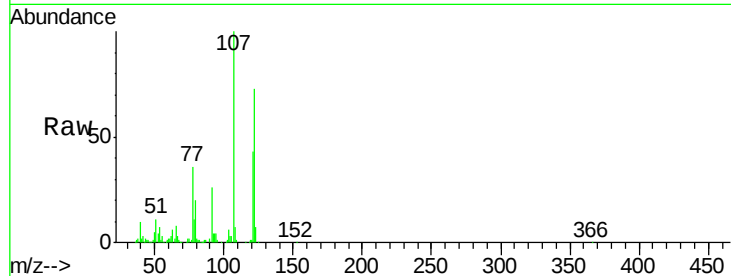




#27
2,4-Dimethylphenol
Concen: 52.188 ng
RT: 10.03 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

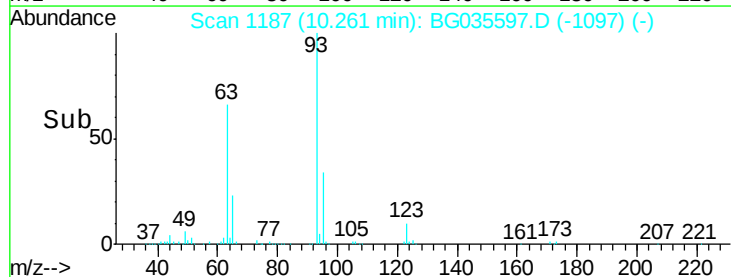
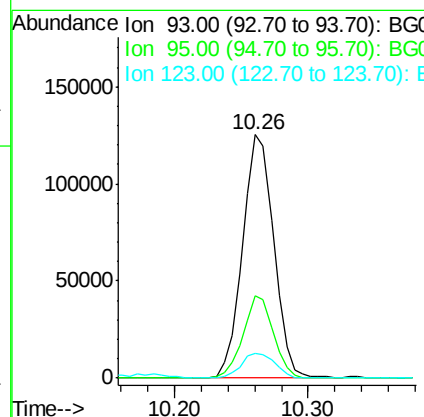
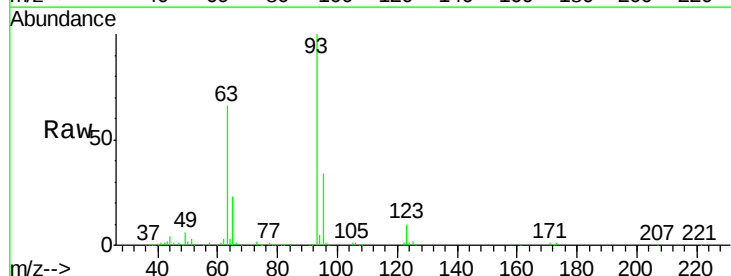
Instrument :
BNA_G
ClientSampleId :
PB110905BS

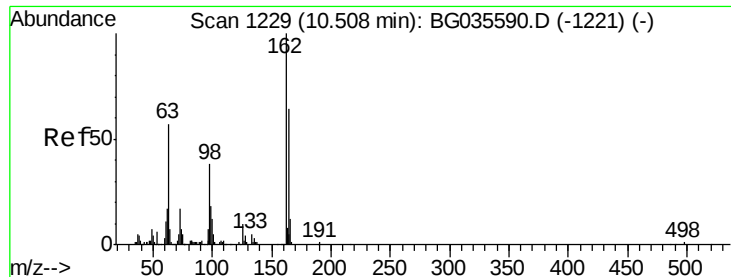
Tgt Ion:122 Resp: 149890
Ion Ratio Lower Upper
122 100
107 136.4 100.2 150.2
121 58.3 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.567 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion: 93 Resp: 201986
Ion Ratio Lower Upper
93 100
95 33.6 24.3 36.5
123 10.4 8.4 12.6

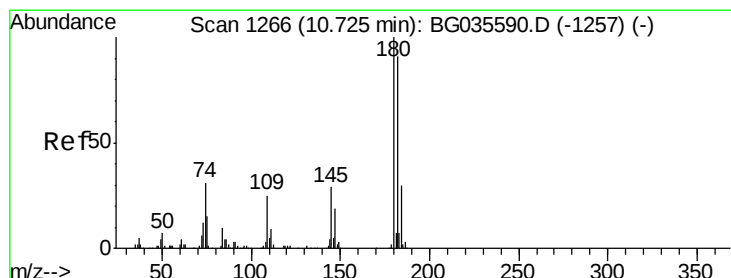
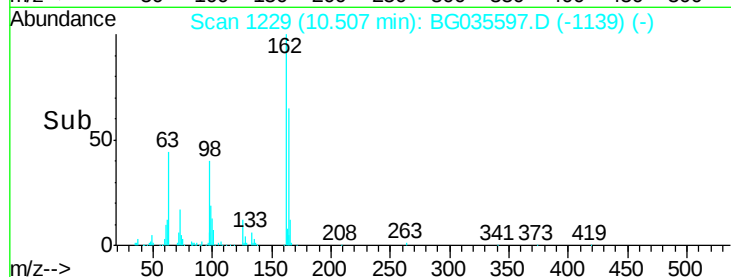
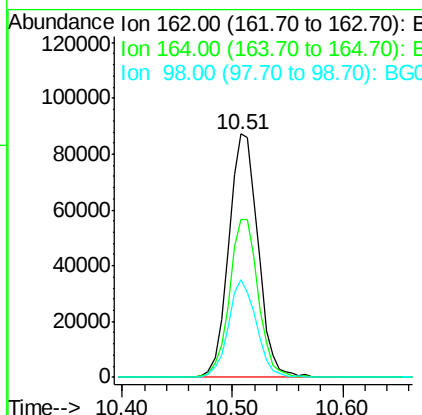
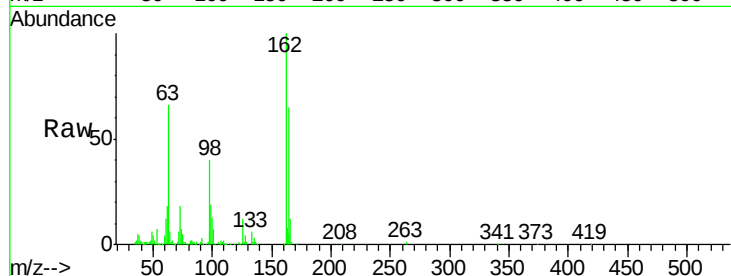




#29
 2,4-Dichlorophenol
 Concen: 49.580 ng
 RT: 10.51 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

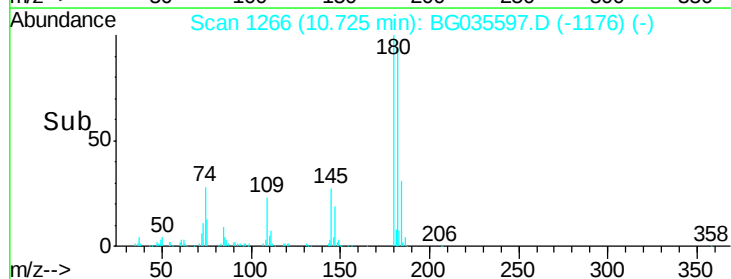
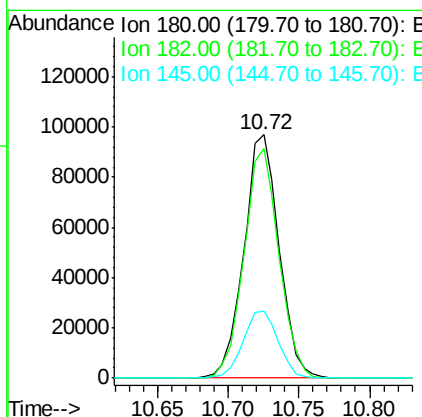
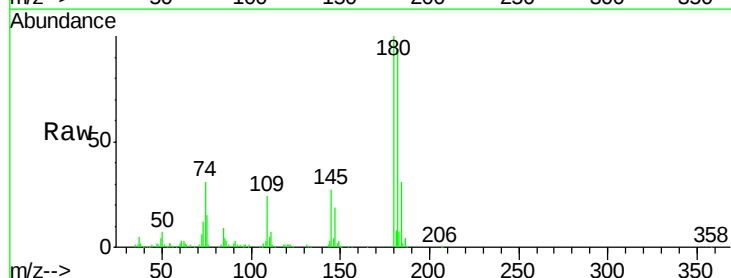
Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	48.0	88.0
98	39.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.136 ng
 RT: 10.72 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.5	116.3
145	27.4	23.4	35.2

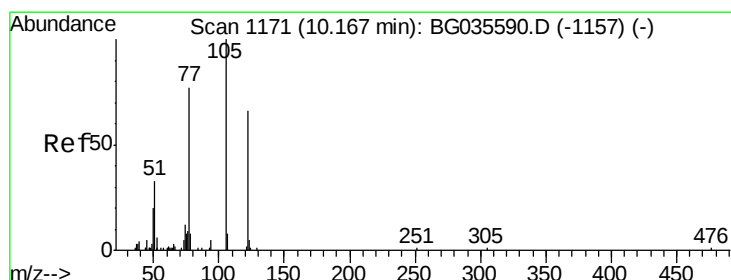
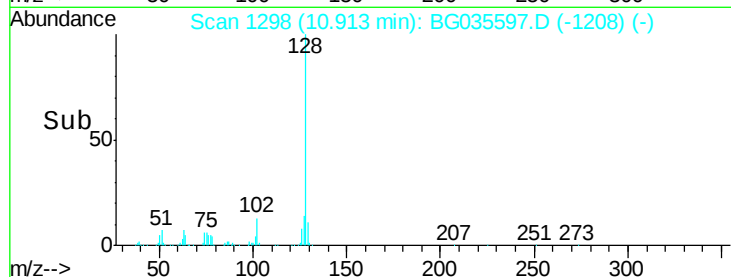
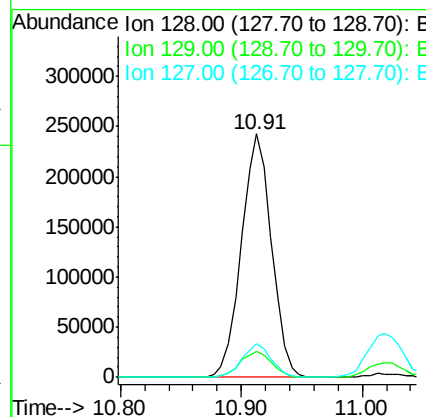
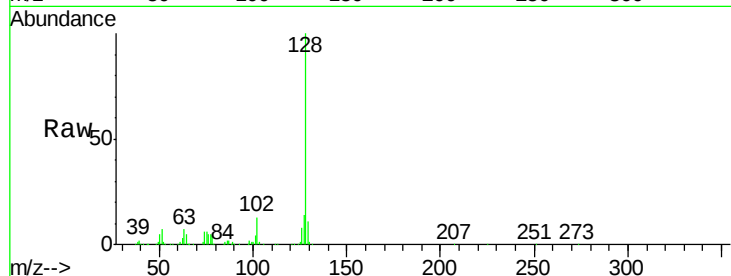




#31
Naphthalene
Concen: 40.798 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

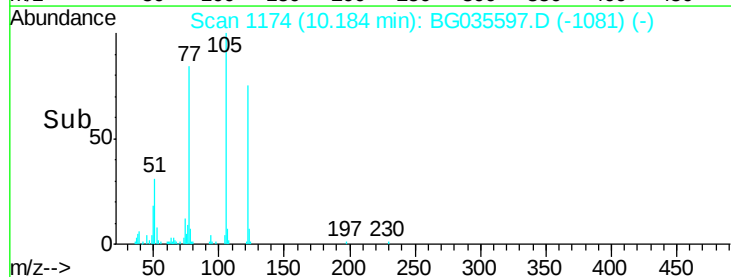
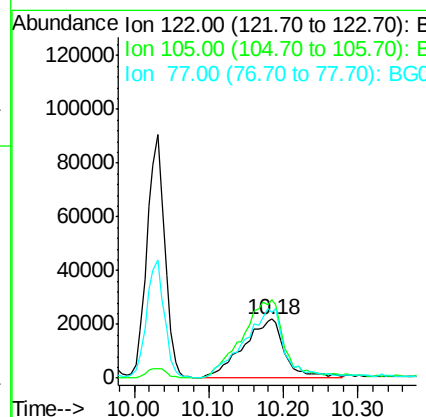
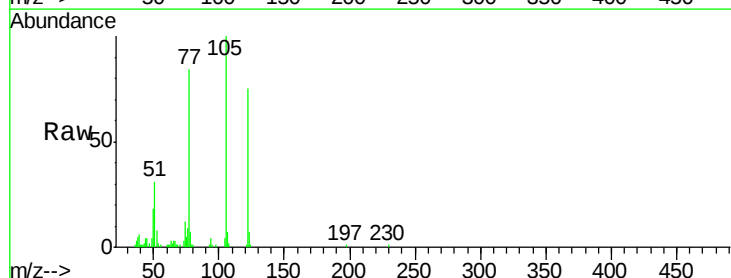
Instrument :
BNA_G
ClientSampleId :
PB110905BS

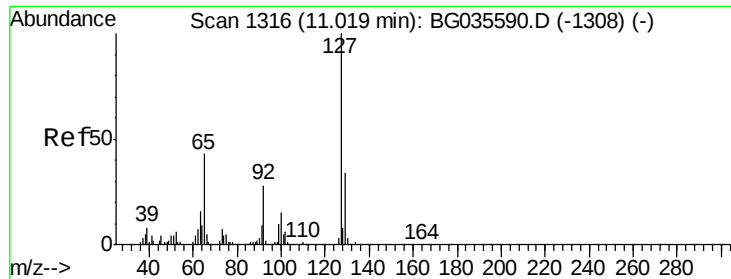
Tgt Ion:128 Resp: 421748
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 42.360 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion:122 Resp: 81903
Ion Ratio Lower Upper
122 100
105 134.0 123.5 163.5
77 112.4 85.7 125.7

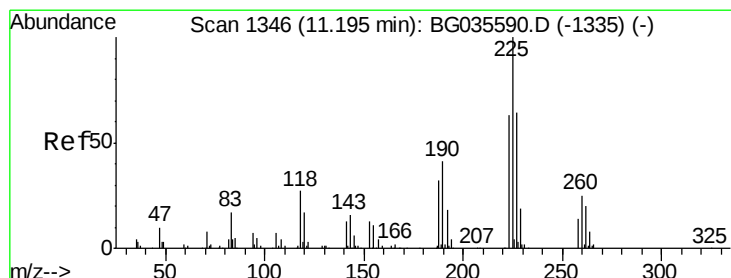
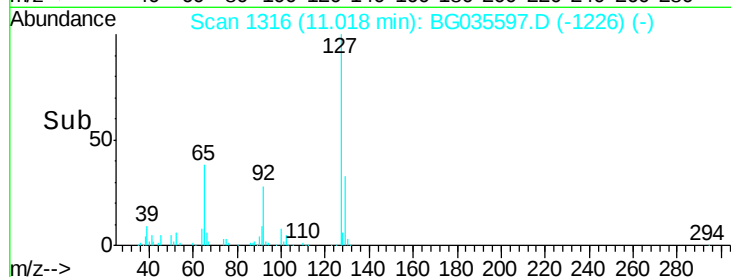
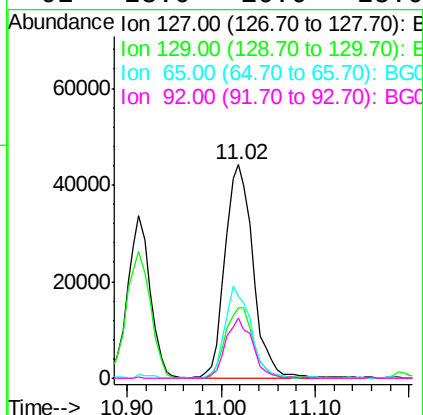
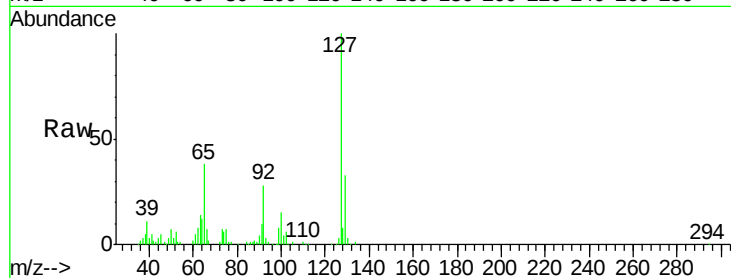




#33
4-Chloroaniline
Concen: 20.451 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

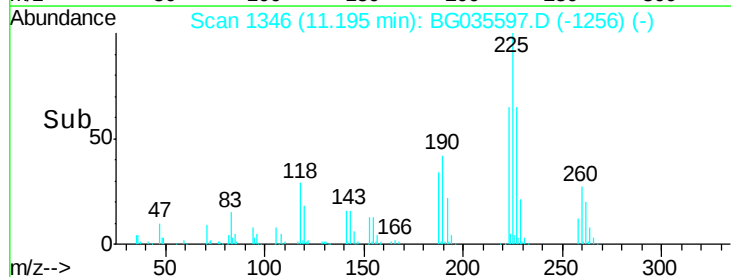
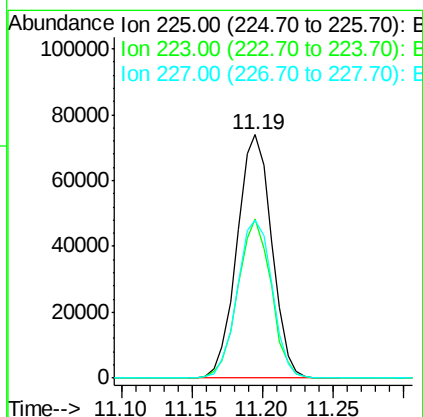
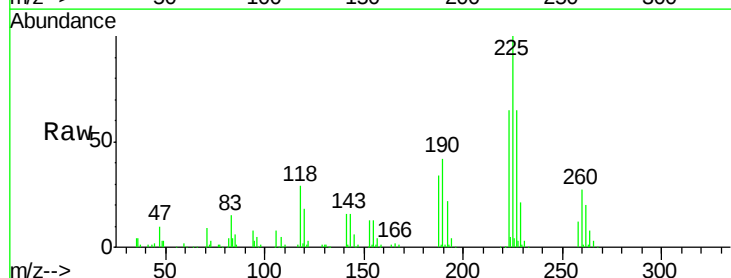
Instrument :
BNA_G
ClientSampleId :
PB110905BS

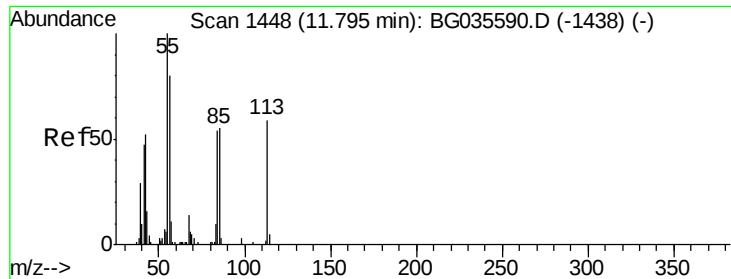
Tgt Ion:127 Resp: 92141
Ion Ratio Lower Upper
127 100
129 32.7 24.0 36.0
65 38.2 27.0 40.4
92 28.0 16.6 25.0#



#34
Hexachlorobutadiene
Concen: 40.580 ng
RT: 11.19 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion:225 Resp: 127217
Ion Ratio Lower Upper
225 100
223 65.3 49.7 74.5
227 64.6 48.1 72.1





#35

Caprolactam

Concen: 23.094 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

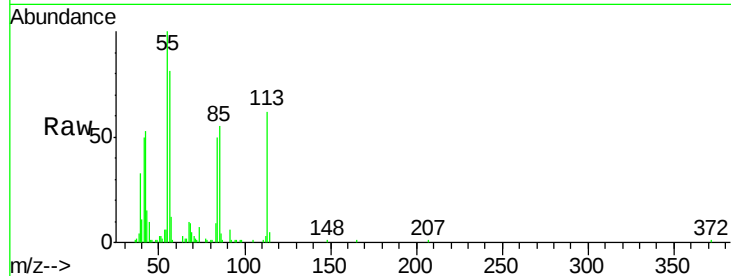
Tgt Ion:113 Resp: 32492

Ion Ratio Lower Upper

113 100

55 160.2 186.9 226.9#

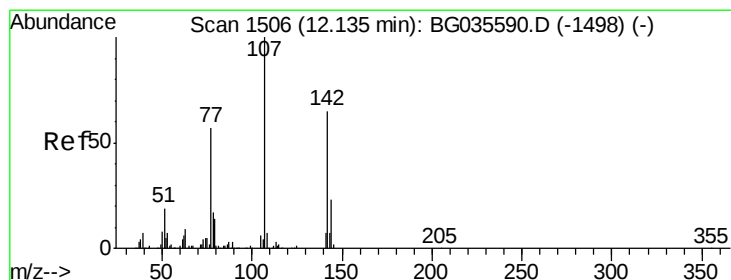
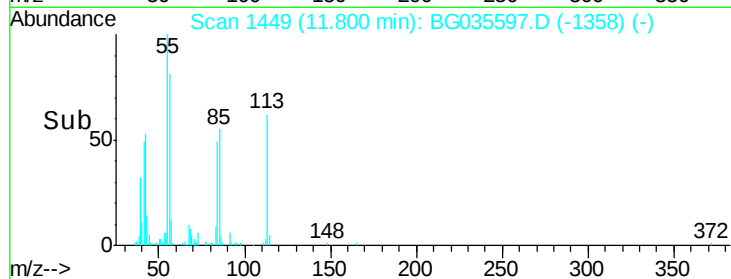
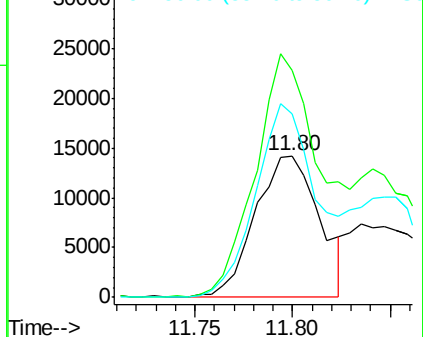
56 129.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.442 ng

RT: 12.14 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

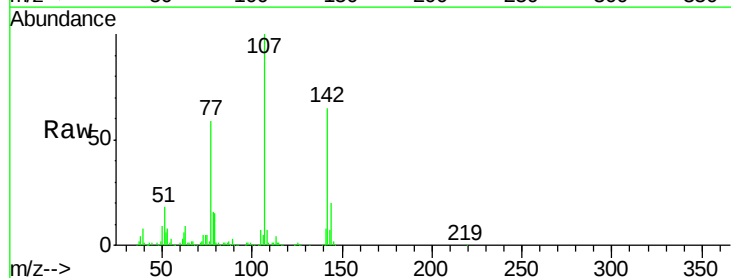
Tgt Ion:107 Resp: 212886

Ion Ratio Lower Upper

107 100

144 20.3 18.2 27.4

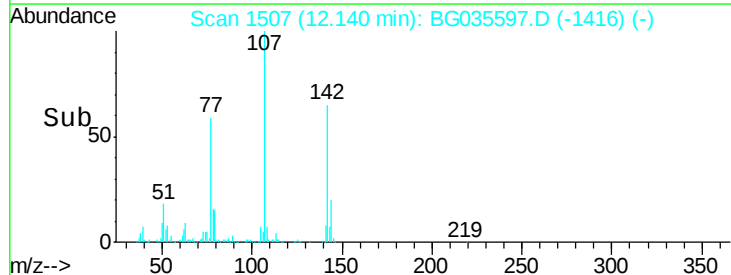
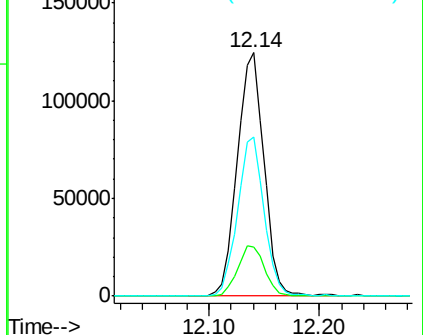
142 65.2 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

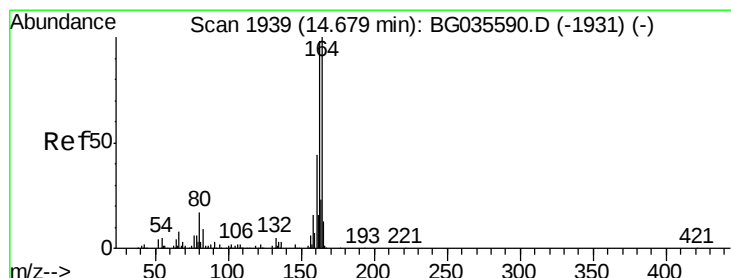
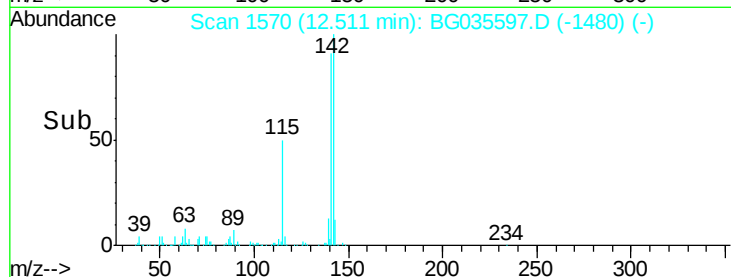
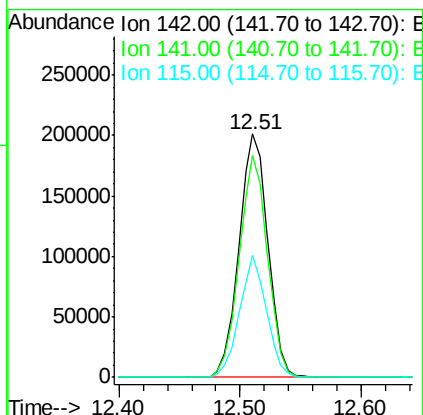
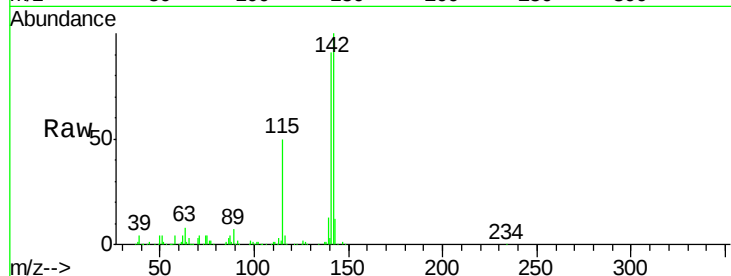




#37
 2-Methylnaphthalene
 Concen: 43.614 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

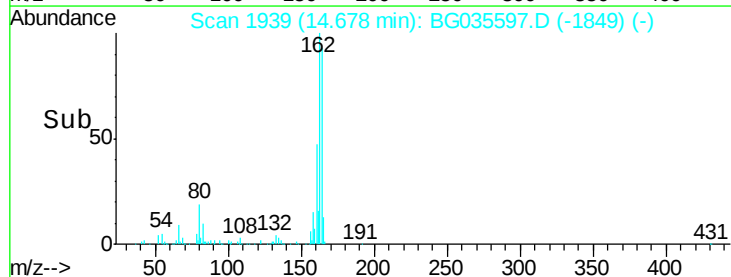
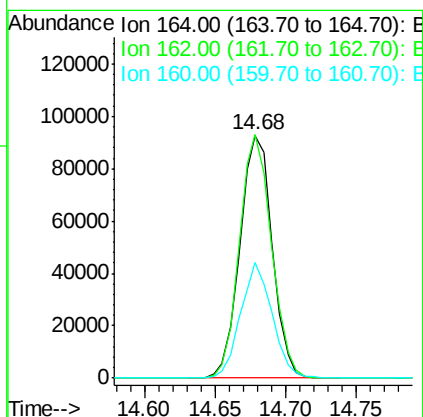
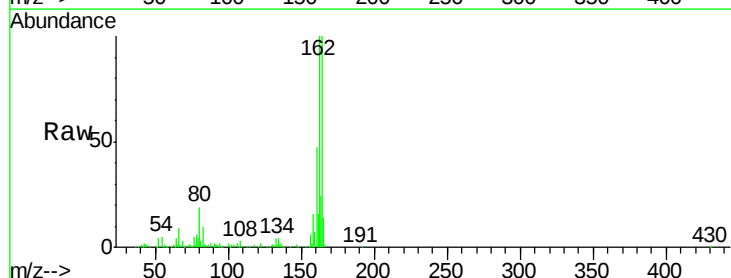
Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

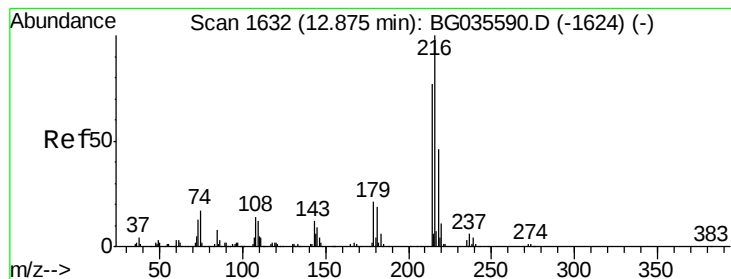
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	67.1	100.7
115	50.2	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	47.7	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.696 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

Tgt Ion:216 Resp: 226796

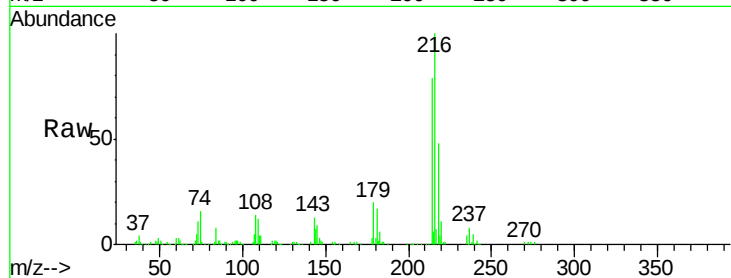
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 19.9 17.0 25.6

108 17.8 12.8 19.2

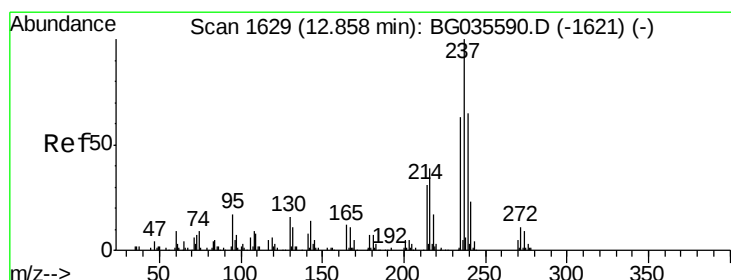
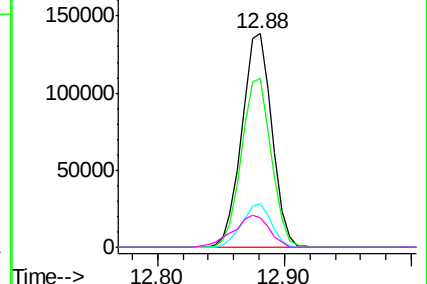
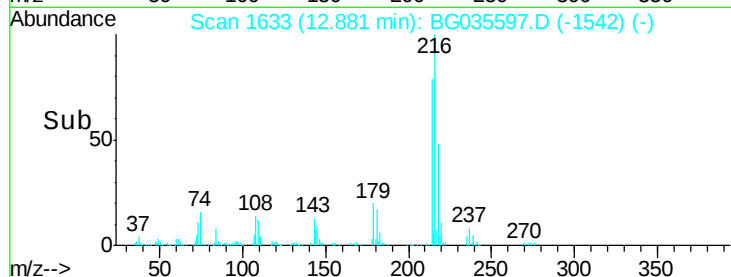


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 104.391 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

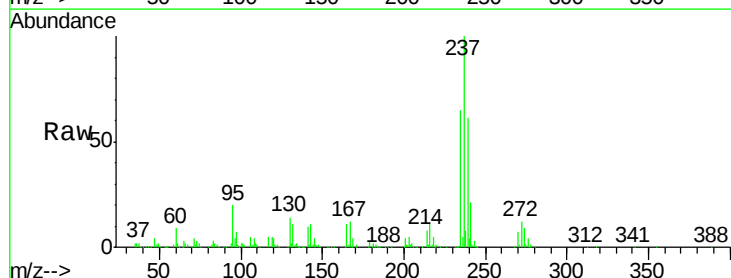
Tgt Ion:237 Resp: 305103

Ion Ratio Lower Upper

237 100

235 65.1 50.4 90.4

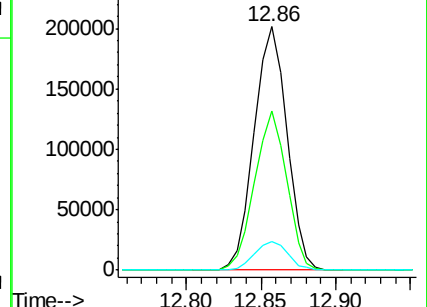
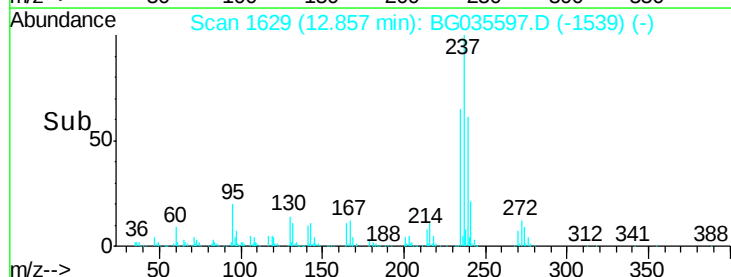
272 12.0 0.0 31.8



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

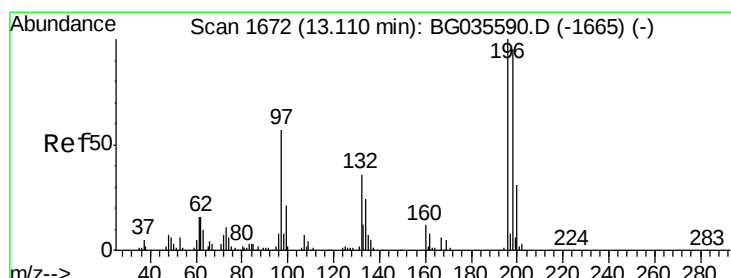
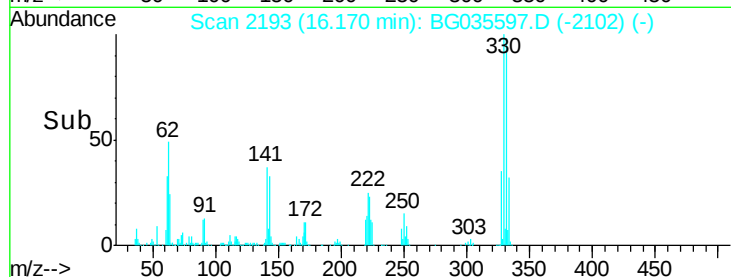
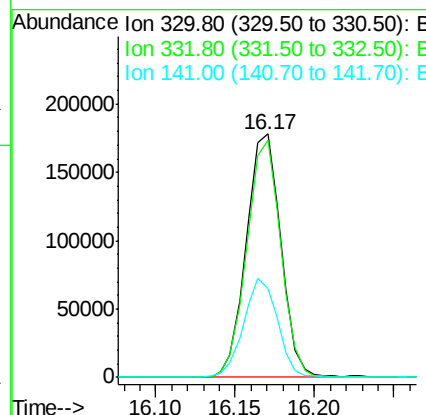
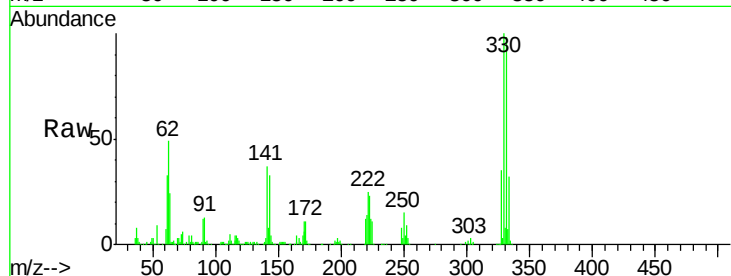




#41
 2,4,6-Tribromophenol
 Concen: 138.585 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.01 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

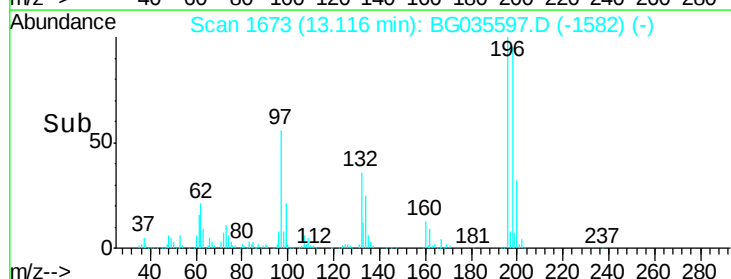
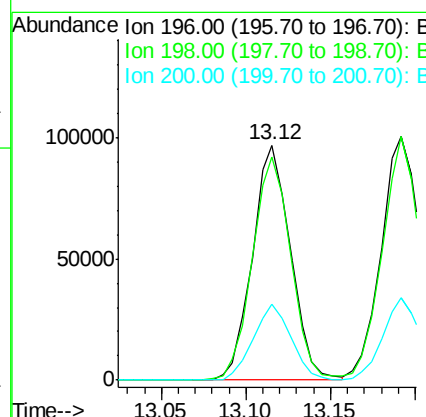
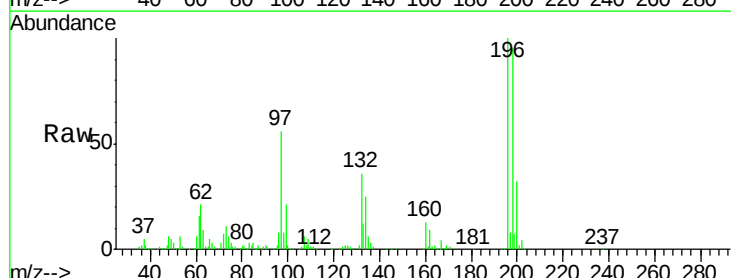
Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

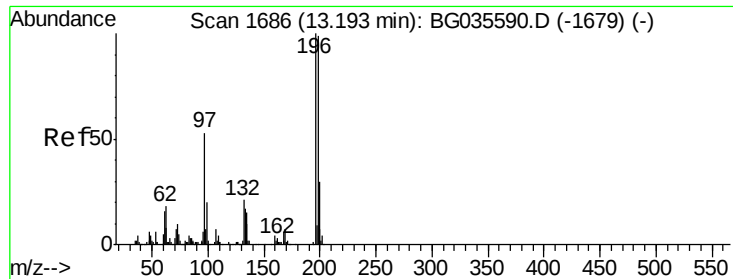
Tgt Ion:330 Resp: 269711
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 40.0 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 46.646 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion:196 Resp: 152024
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.2 117.2
 200 32.5 24.6 36.8

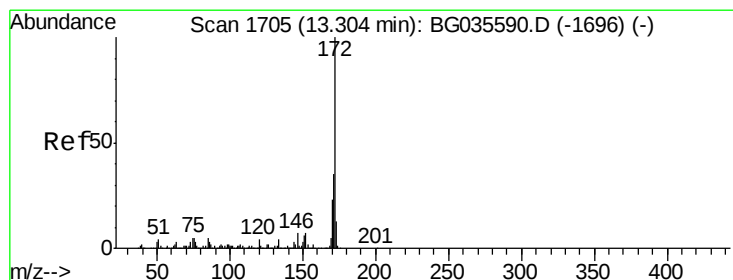
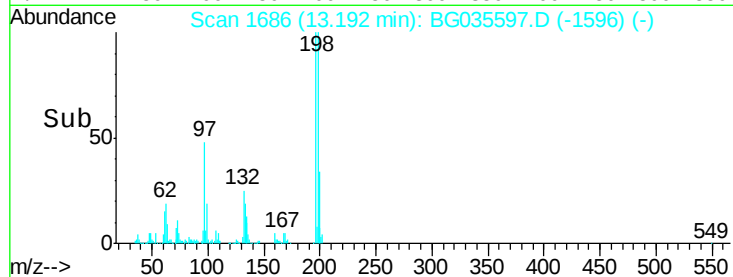
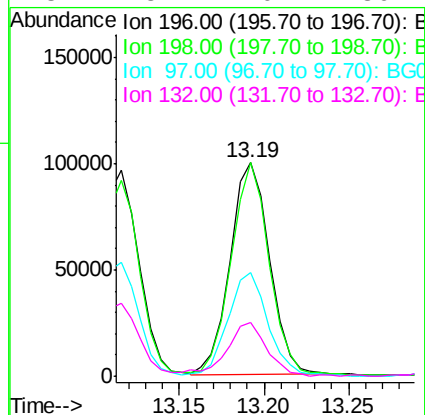
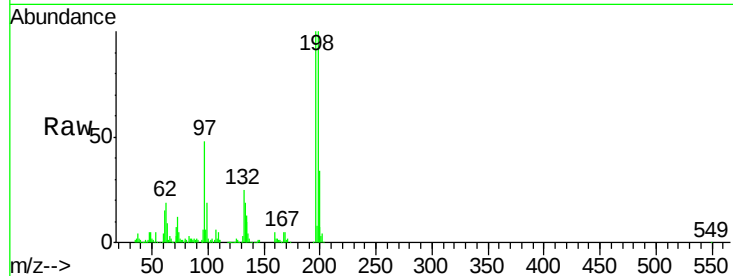




#43
 2,4,5-Trichlorophenol
 Concen: 44.617 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

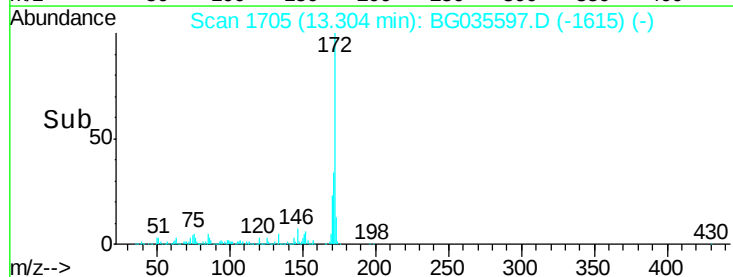
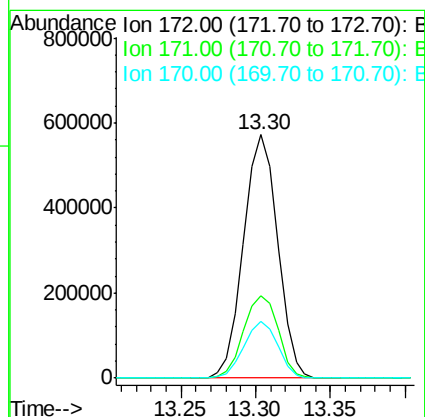
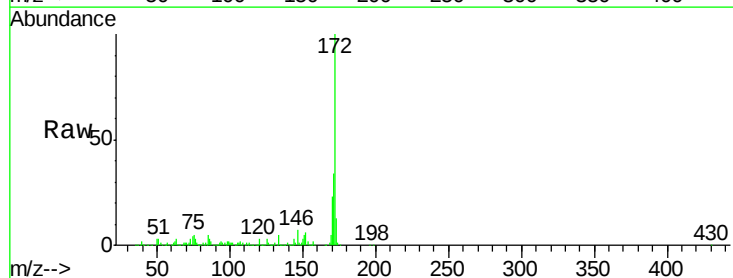
Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

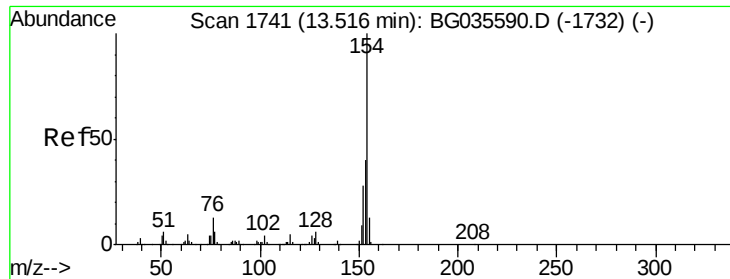
Tgt Ion:	196	Resp:	162670
Ion	Ratio	Lower	Upper
196	100		
198	99.9	76.2	114.4
97	48.4	38.7	58.1
132	25.1	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 82.097 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion:	172	Resp:	904803
Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.5	19.5	29.3

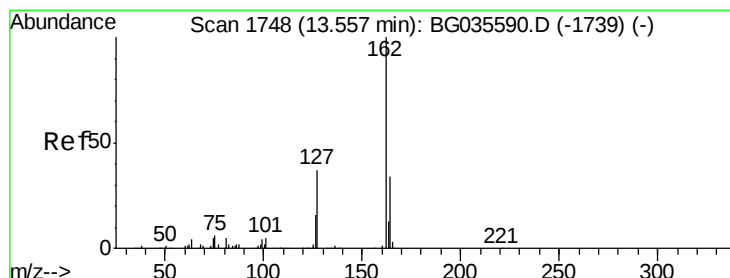
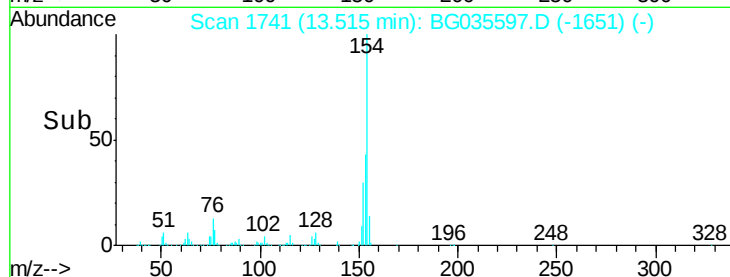
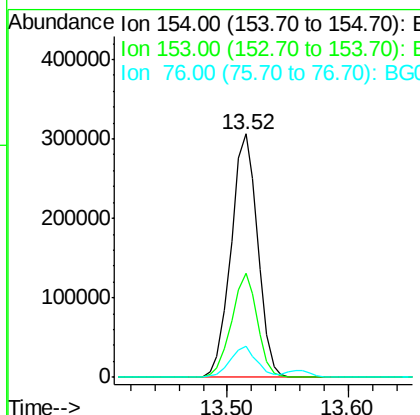
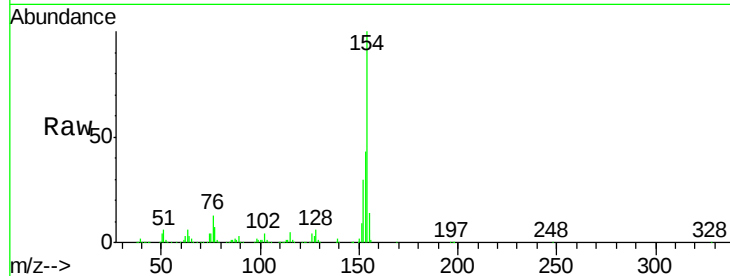




#45
 1,1'-Biphenyl
 Concen: 40.967 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

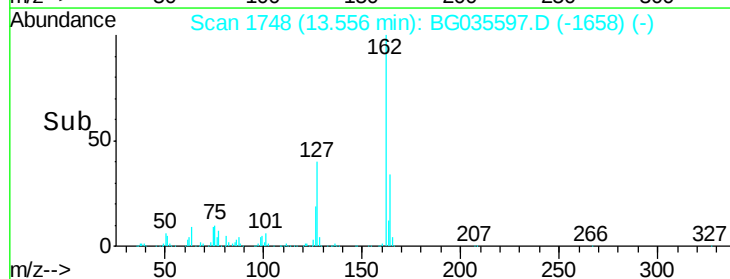
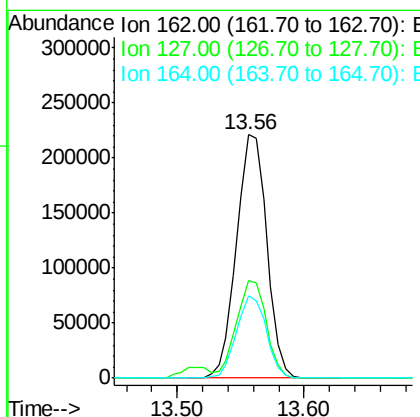
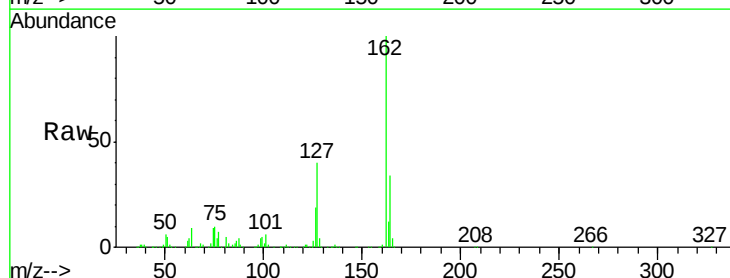
Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

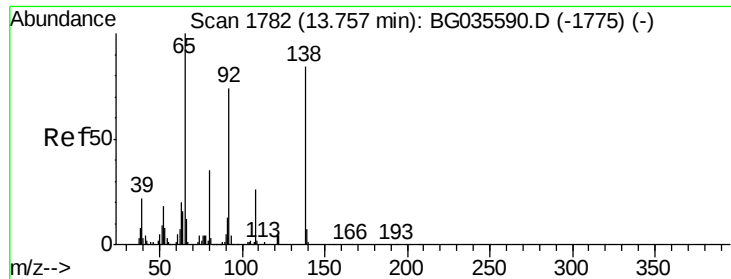
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.8	59.8
76	12.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.097 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	33.7	26.0	39.0

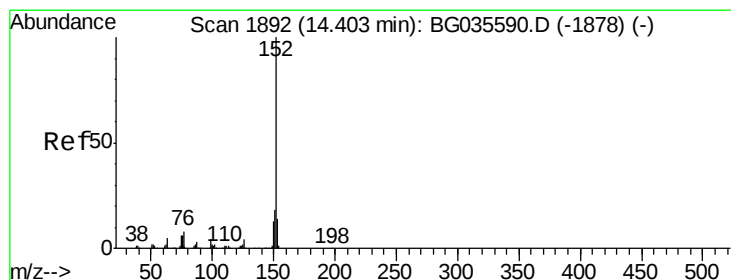
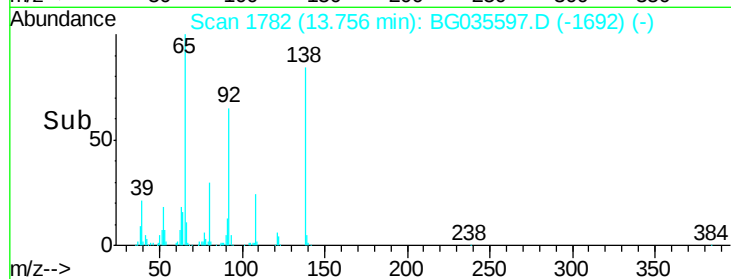
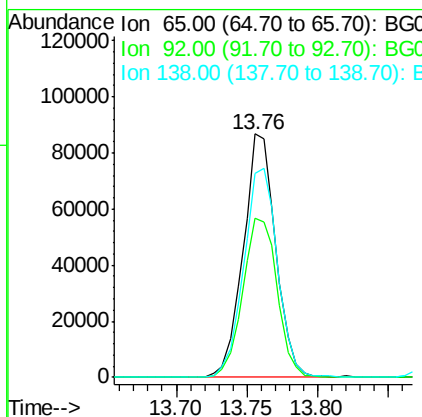
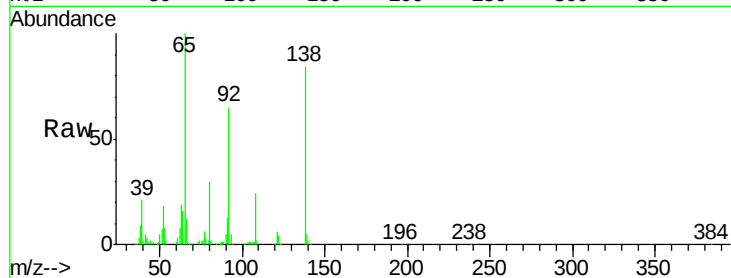




#47
2-Nitroaniline
Concen: 44.462 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

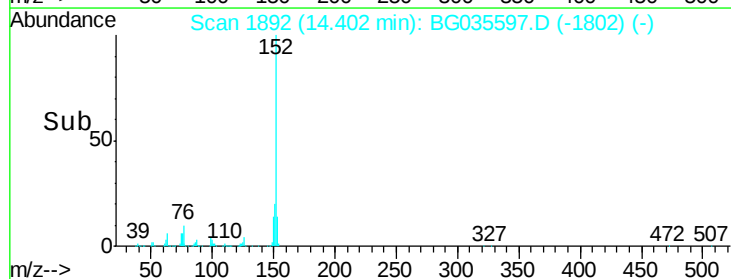
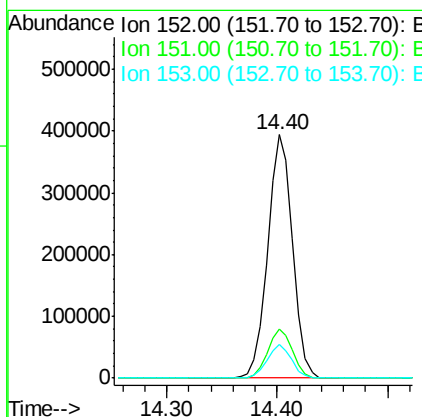
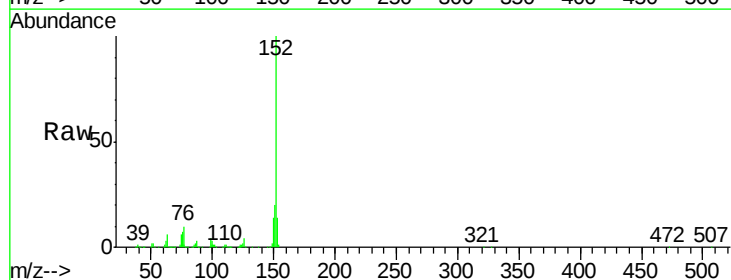
Instrument :
BNA_G
ClientSampleId :
PB110905BS

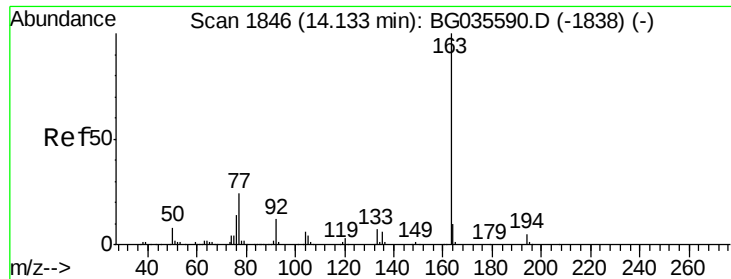
Tgt Ion: 65 Resp: 139965
Ion Ratio Lower Upper
65 100
92 65.4 54.6 82.0
138 83.8 72.9 109.3



#48
Acenaphthylene
Concen: 41.403 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion: 152 Resp: 617560
Ion Ratio Lower Upper
152 100
151 20.2 17.2 25.8
153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 40.377 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

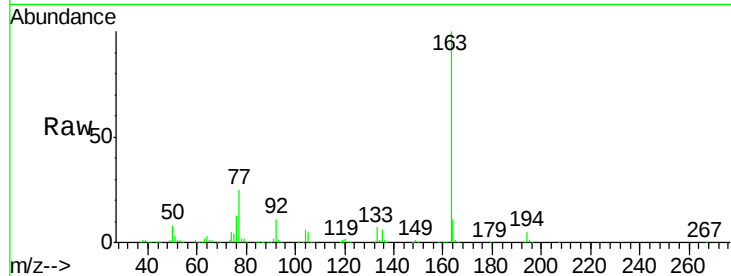
Tgt Ion:163 Resp: 522338

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

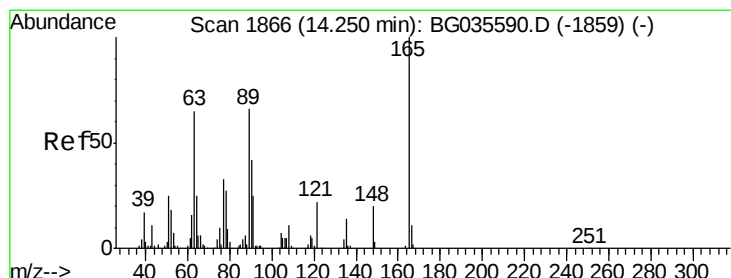
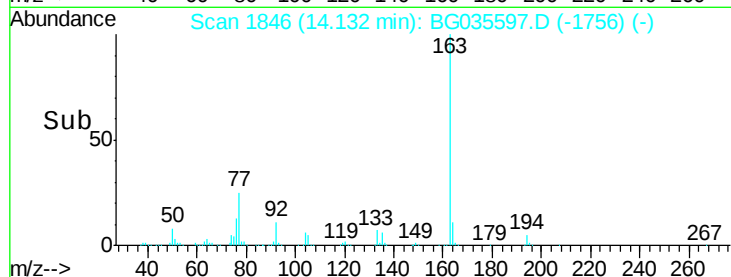
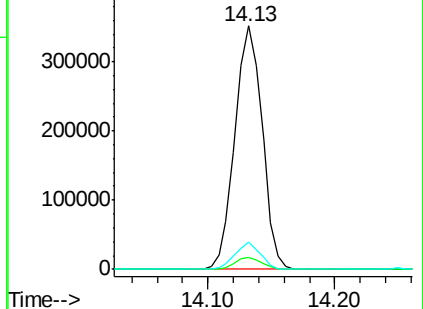
164 11.1 8.2 12.4



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: 45.678 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

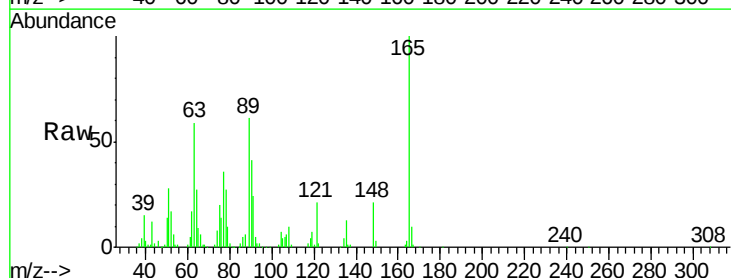
Tgt Ion:165 Resp: 120334

Ion Ratio Lower Upper

165 100

63 59.5 52.7 79.1

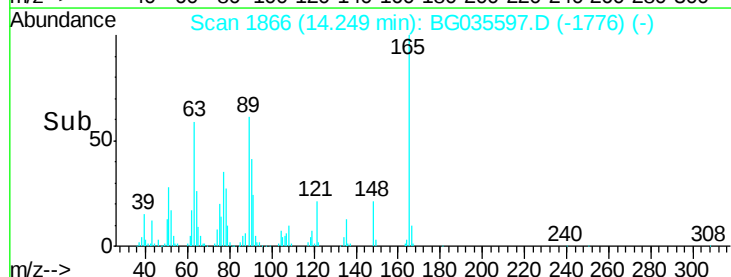
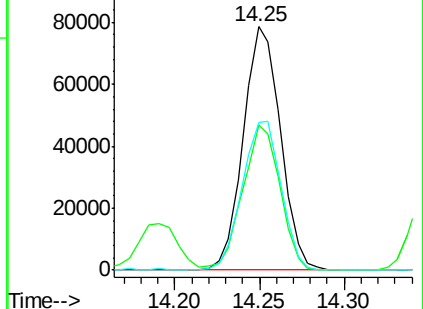
89 60.8 49.2 73.8

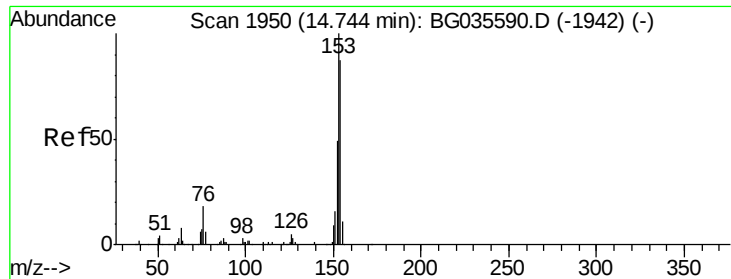


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.441 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

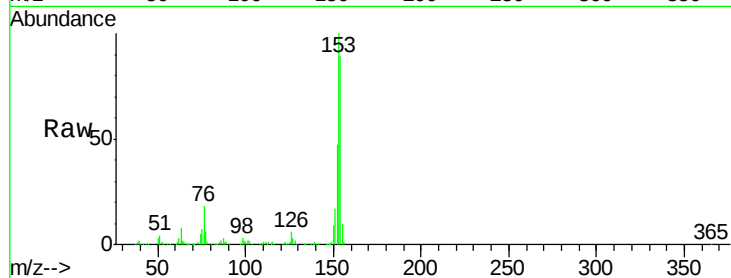
Tgt Ion:154 Resp: 366472

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

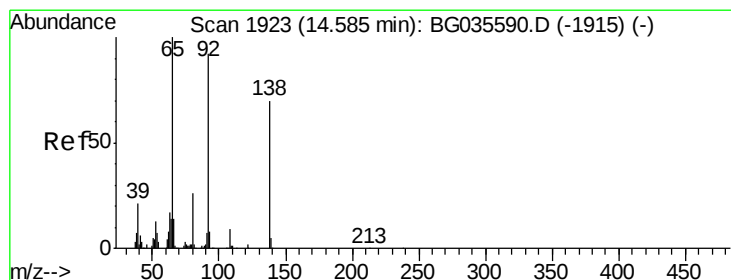
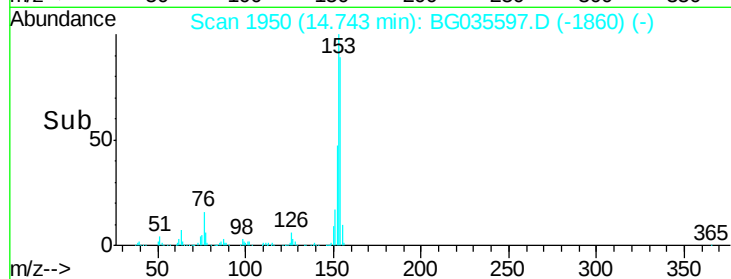
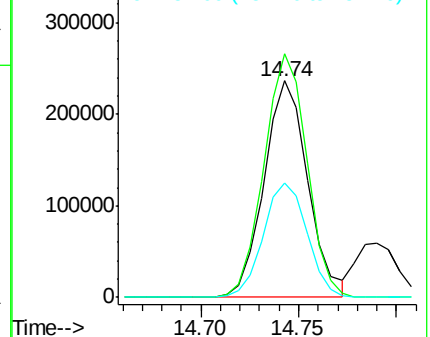
152 53.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.691 ng

RT: 14.58 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

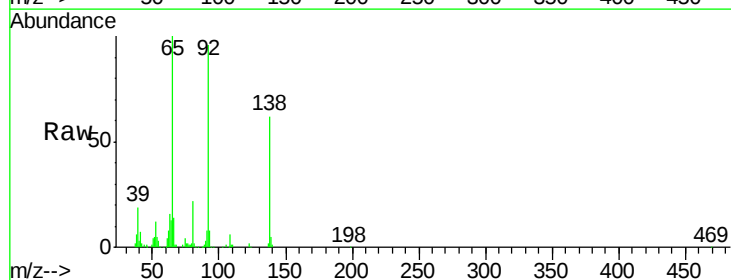
Tgt Ion:138 Resp: 69175

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

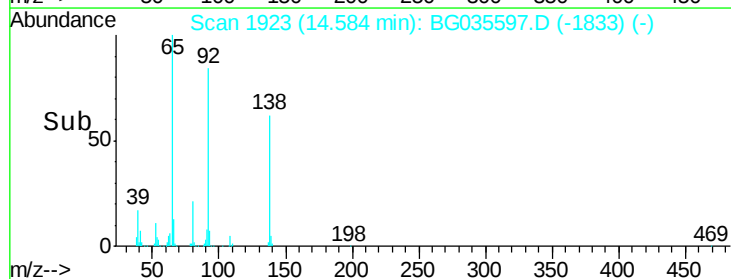
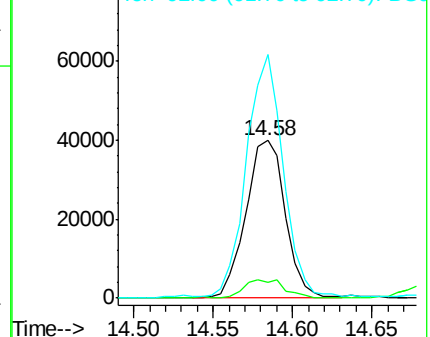
92 154.6 105.8 158.8

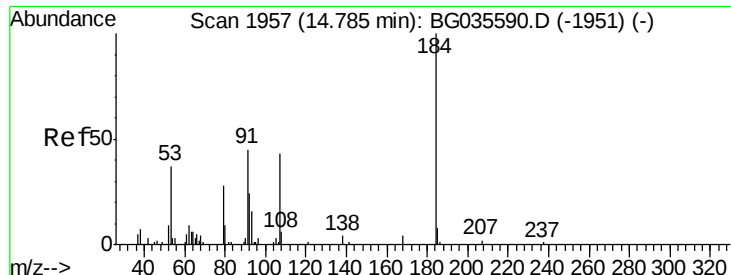


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 96.923 ng

RT: 14.79 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

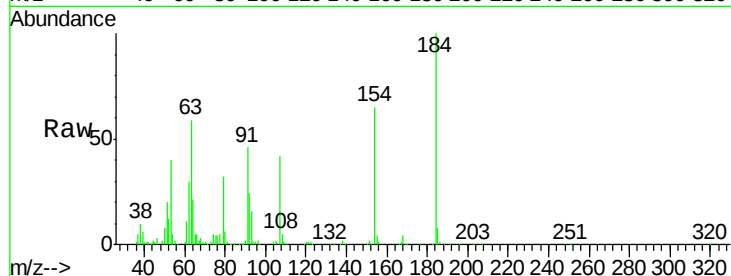
Tgt Ion:184 Resp: 133358

Ion Ratio Lower Upper

184 100

63 58.7 59.8 89.8#

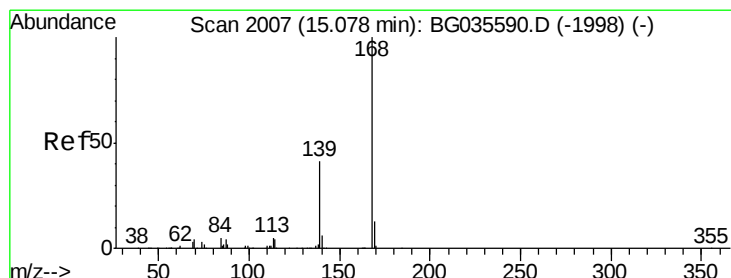
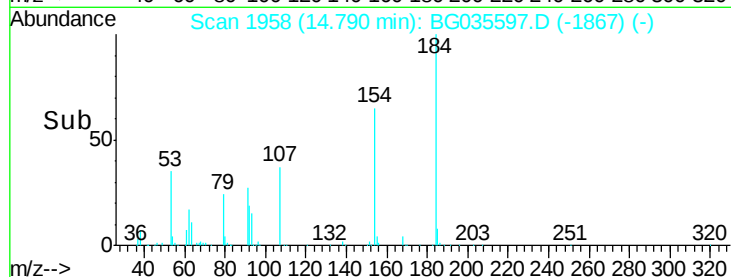
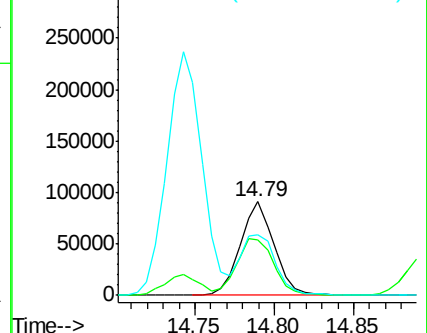
154 65.3 101.8 152.8#



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: 40.778 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

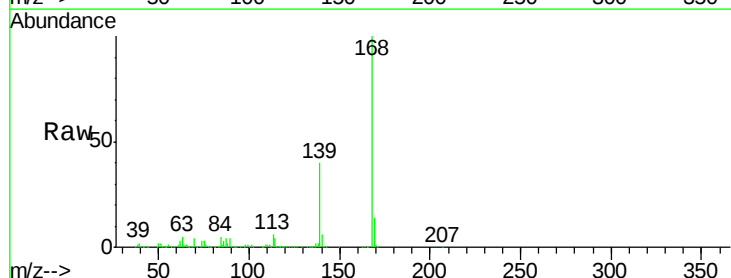
Tgt Ion:168 Resp: 602584

Ion Ratio Lower Upper

168 100

139 40.4 28.6 43.0

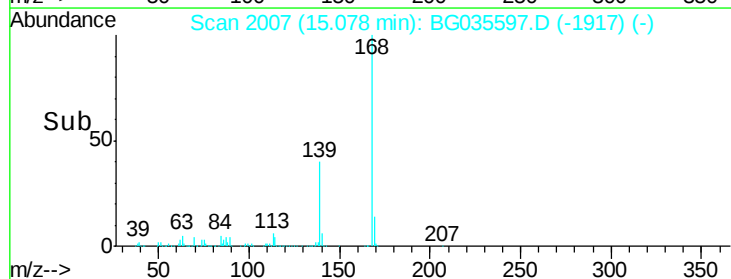
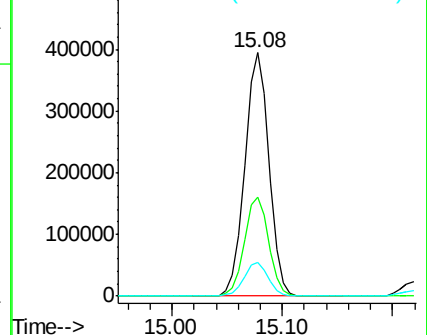
169 13.6 11.2 16.8

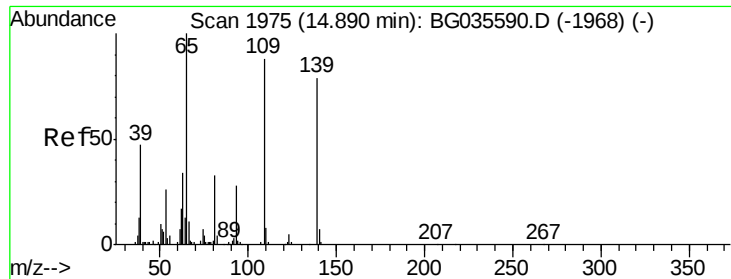


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

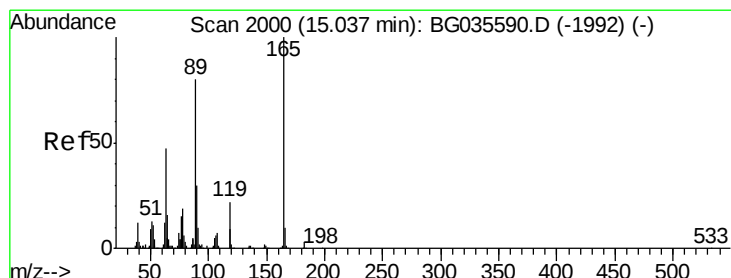
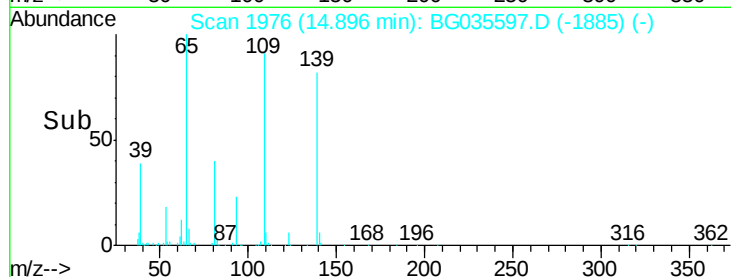
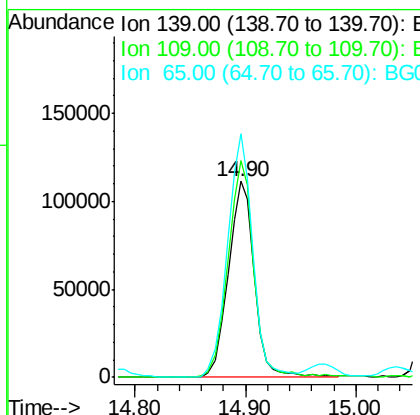
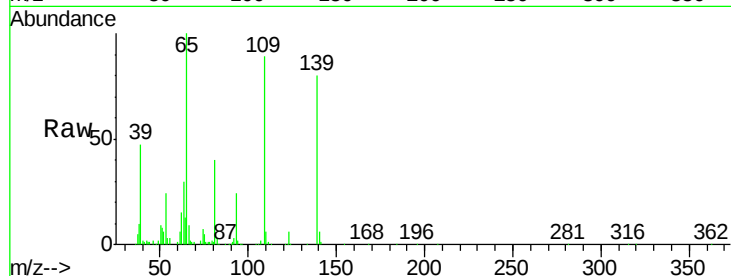




#55
4-Nitrophenol
Concen: 95.708 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

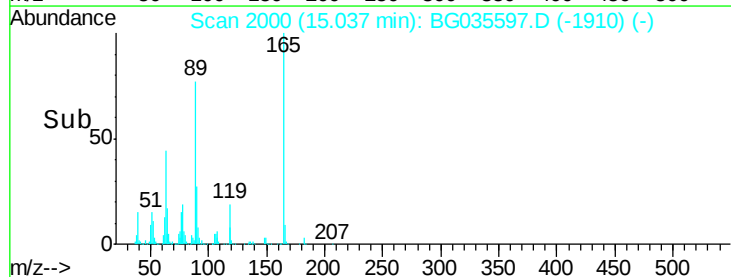
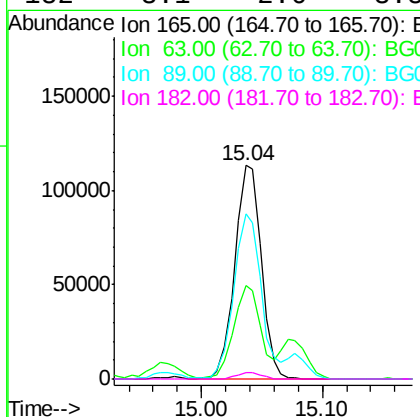
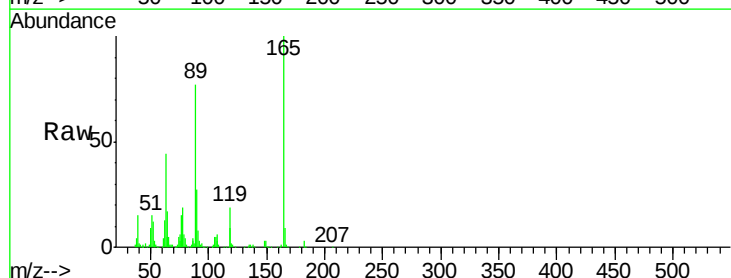
Instrument :
BNA_G
ClientSampleId :
PB110905BS

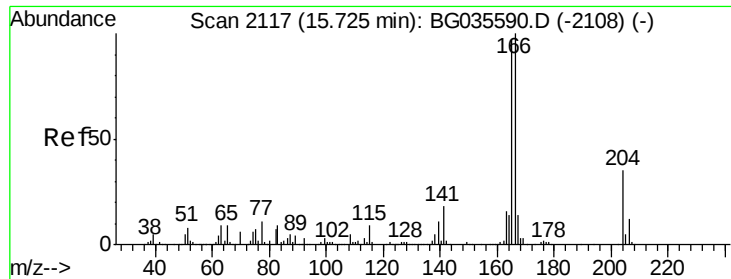
Tgt Ion:139 Resp: 183522
Ion Ratio Lower Upper
139 100
109 110.8 62.2 102.2#
65 124.3 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 45.925 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion:165 Resp: 173569
Ion Ratio Lower Upper
165 100
63 43.7 42.0 63.0
89 77.2 66.9 100.3
182 3.1 2.6 3.8





#57

Fluorene

Concen: 40.827 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

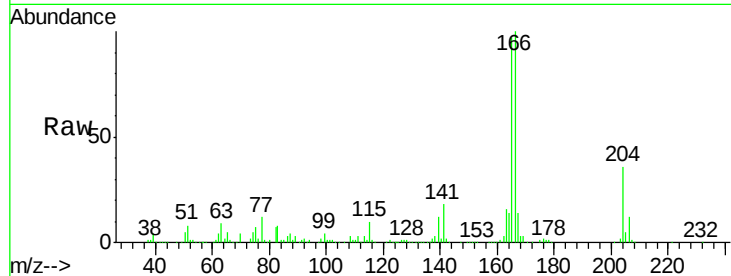
Tgt Ion:166 Resp: 505659

Ion Ratio Lower Upper

166 100

165 97.5 80.6 121.0

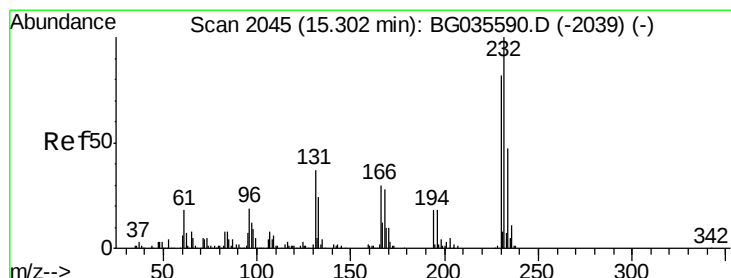
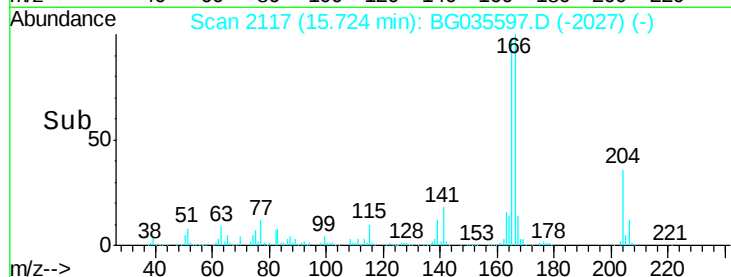
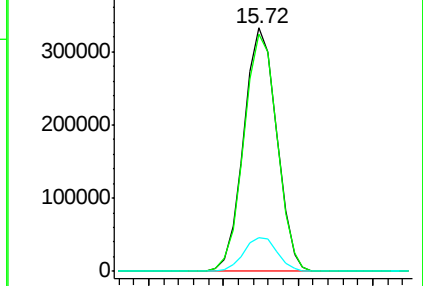
167 13.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.227 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Tgt Ion:232 Resp: 168587

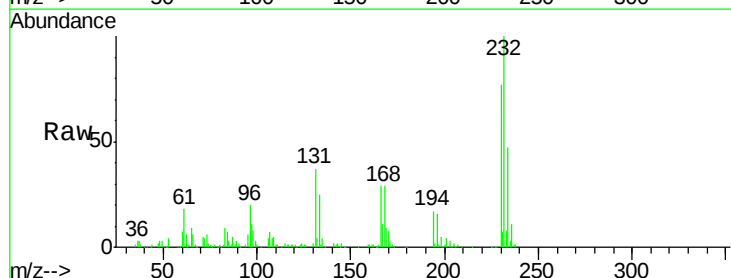
Ion Ratio Lower Upper

232 100

131 36.9 33.5 50.3

130 1.9 2.2 3.2#

166 27.6 24.8 37.2

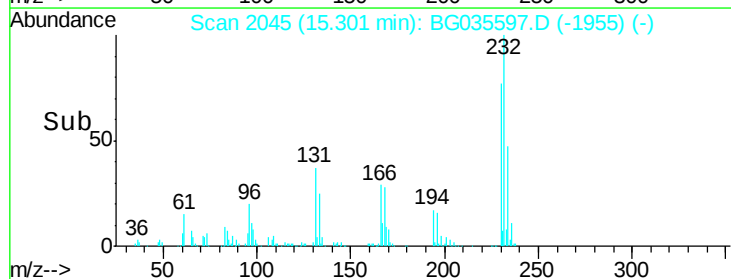
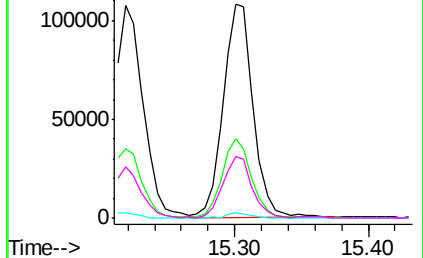


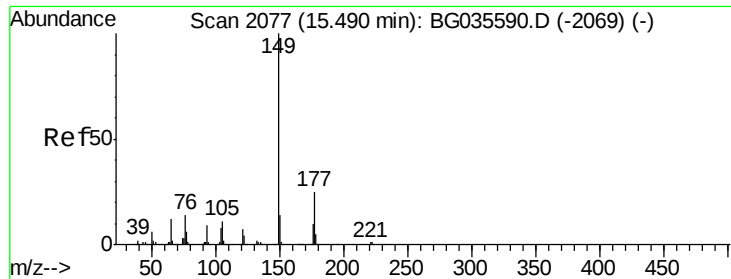
Abundance Ion 232.00 (231.70 to 232.70): E

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

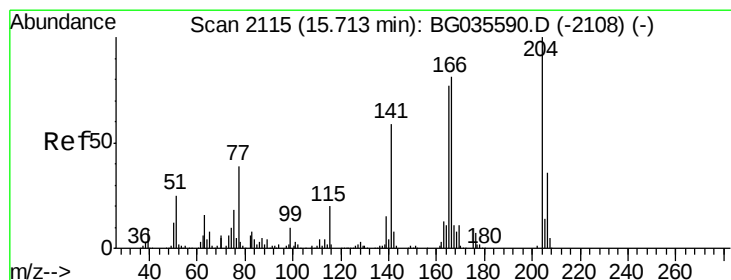
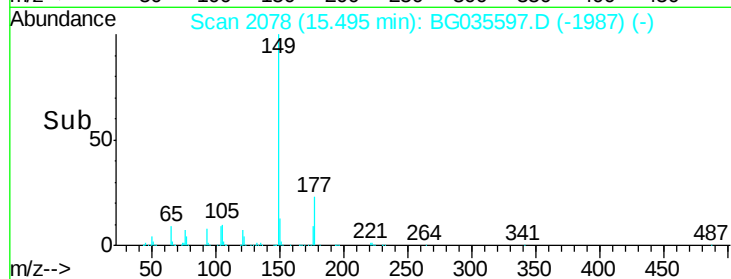
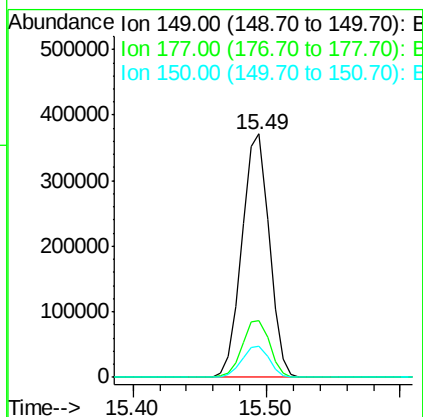
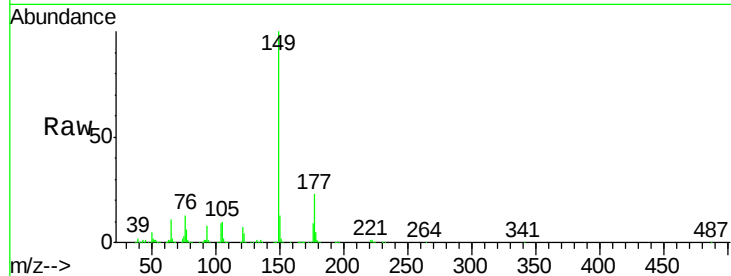




#59
Diethylphthalate
Concen: 39.344 ng
RT: 15.49 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

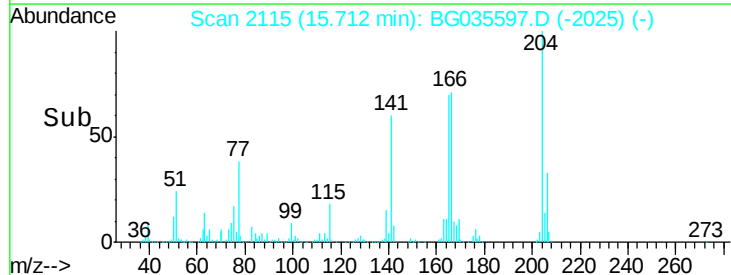
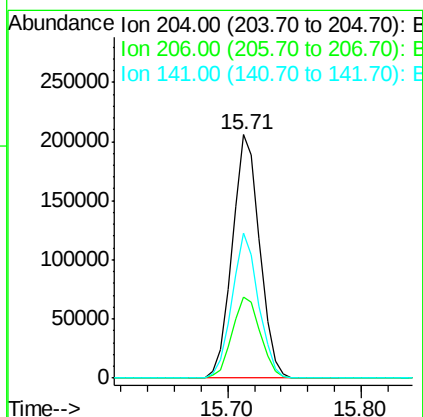
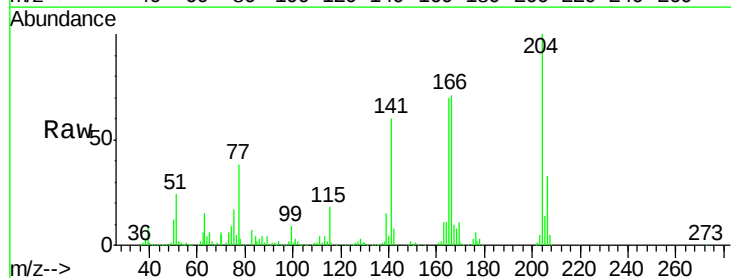
Instrument :
BNA_G
ClientSampleId :
PB110905BS

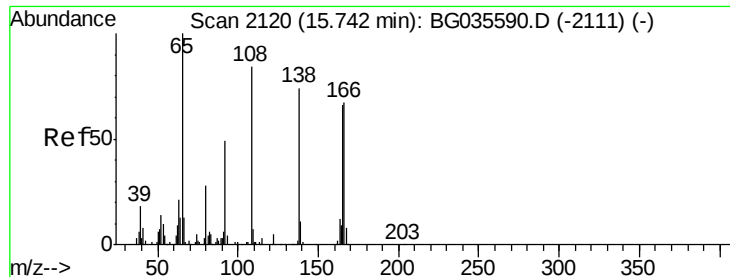
Tgt Ion:149 Resp: 523365
Ion Ratio Lower Upper
149 100
177 23.5 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.288 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion:204 Resp: 293278
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 59.8 45.8 68.6

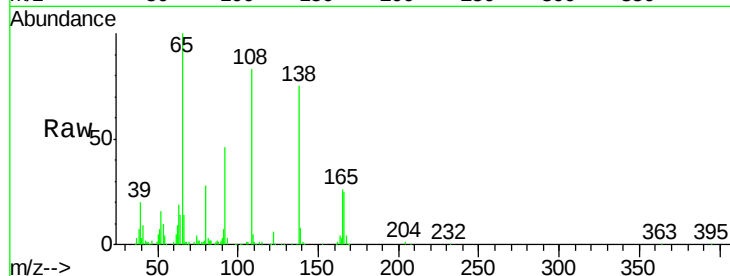




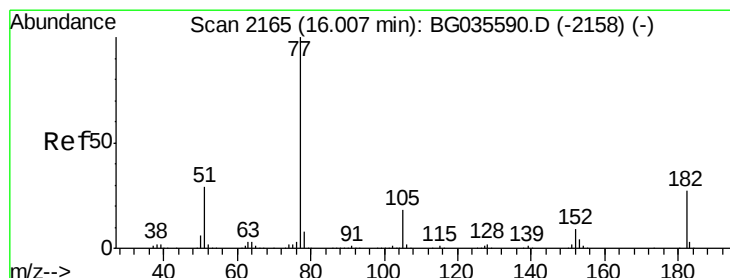
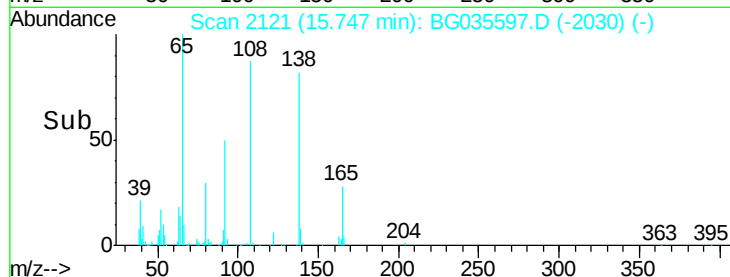
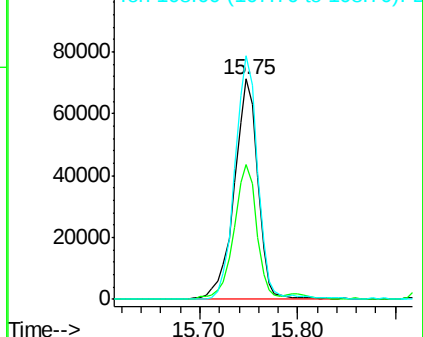
#61
4-Nitroaniline
Concen: 42.670 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Instrument :
BNA_G
ClientSampleId :
PB110905BS

Tgt Ion:138 Resp: 120180
Ion Ratio Lower Upper
138 100
92 61.4 40.1 80.1
108 110.5 65.4 105.4#

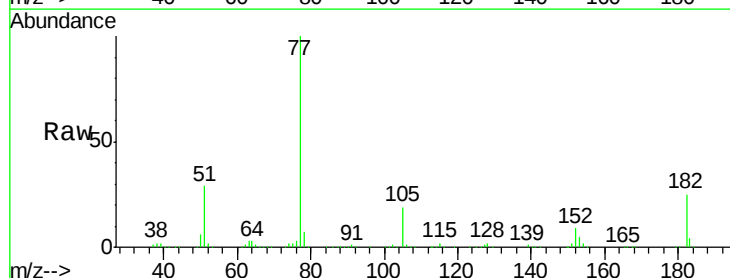


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

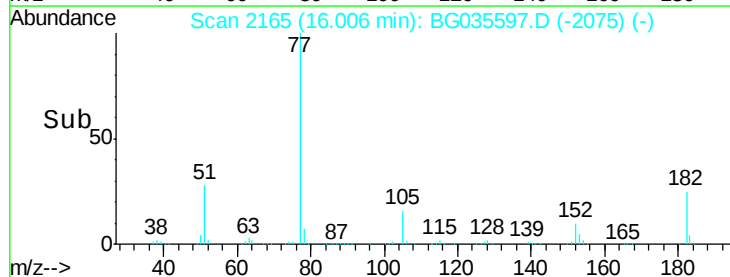
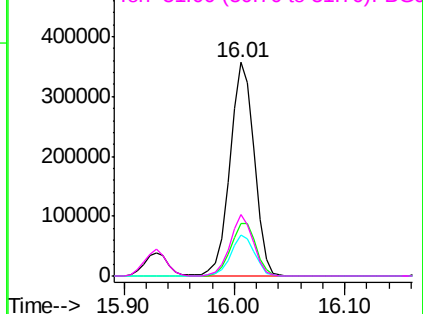


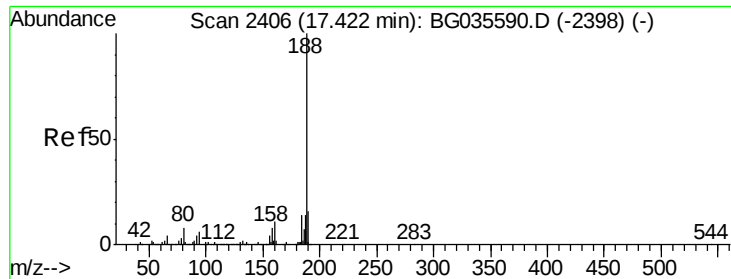
#62
Azobenzene
Concen: 41.808 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion: 77 Resp: 548567
Ion Ratio Lower Upper
77 100
182 24.7 7.4 47.4
105 19.3 0.3 40.3
51 28.7 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

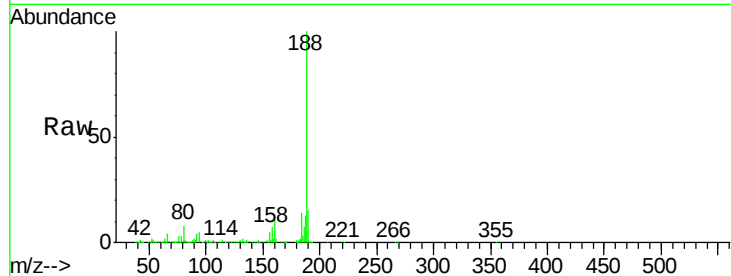
Tgt Ion:188 Resp: 392615

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

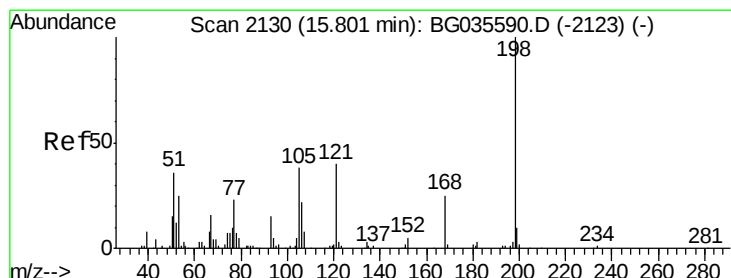
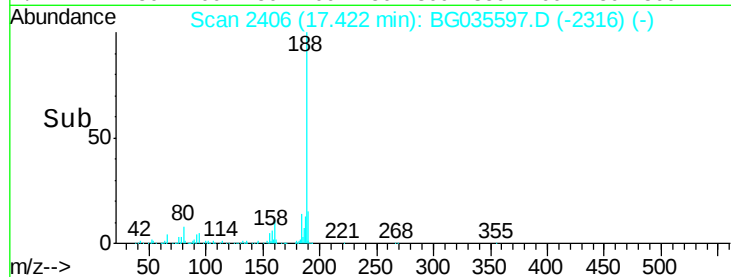
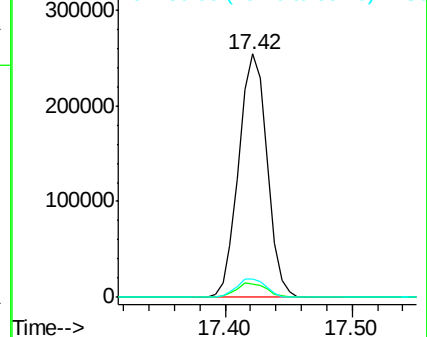
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.538 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

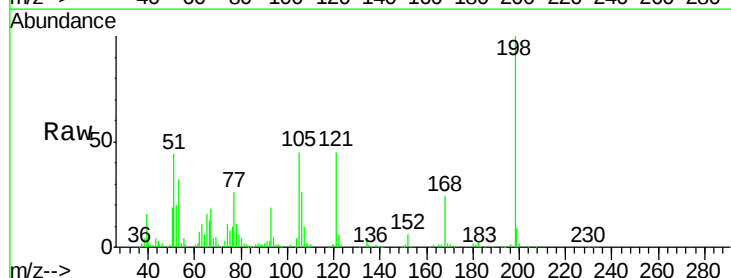
Tgt Ion:198 Resp: 97339

Ion Ratio Lower Upper

198 100

51 44.0 30.6 70.6

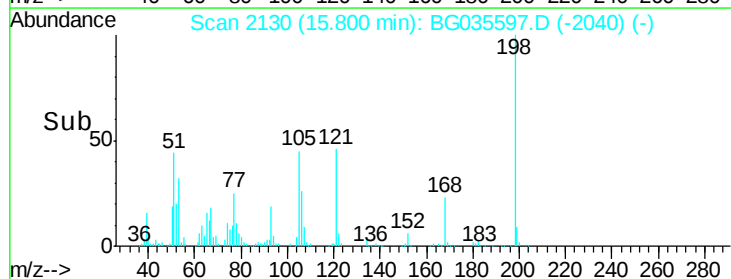
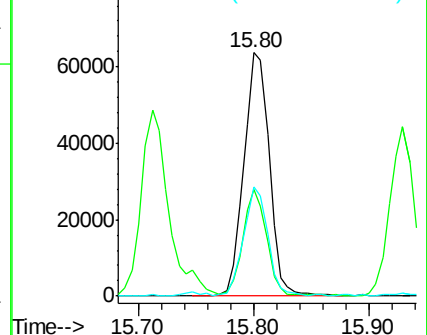
105 44.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.492 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

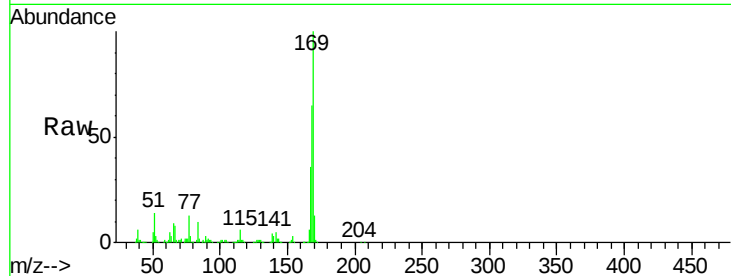
Tgt Ion:169 Resp: 452513

Ion Ratio Lower Upper

169 100

168 65.2 55.7 83.5

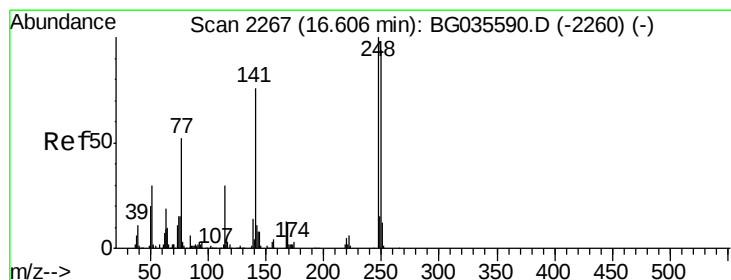
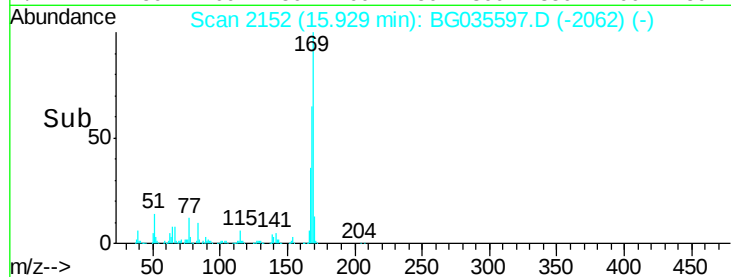
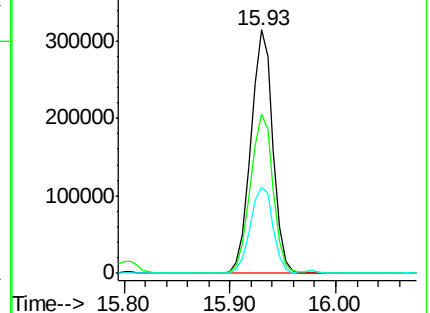
167 35.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.443 ng

RT: 16.61 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

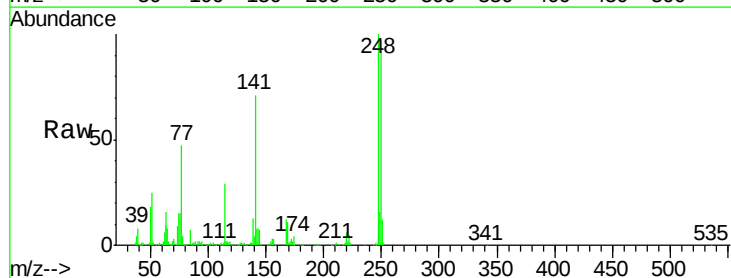
Tgt Ion:248 Resp: 197884

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

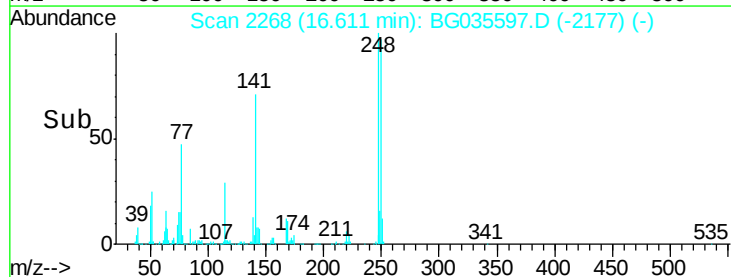
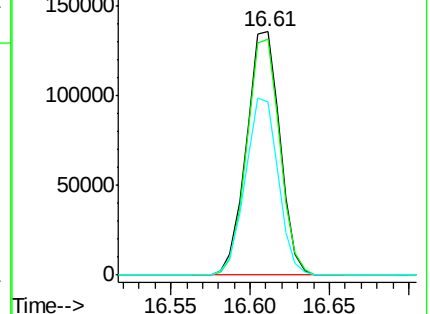
141 71.0 50.8 76.2

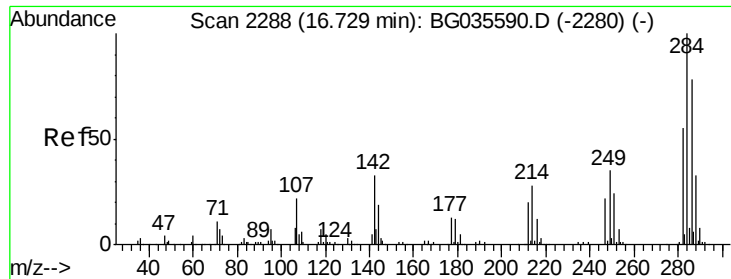


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

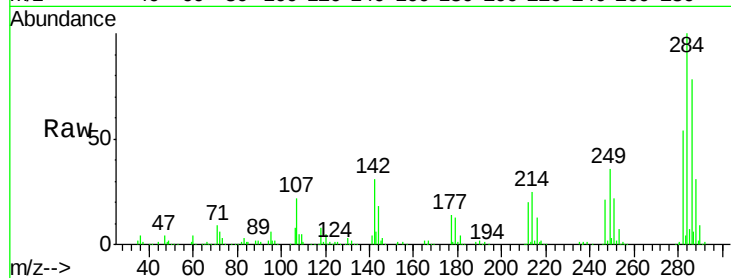




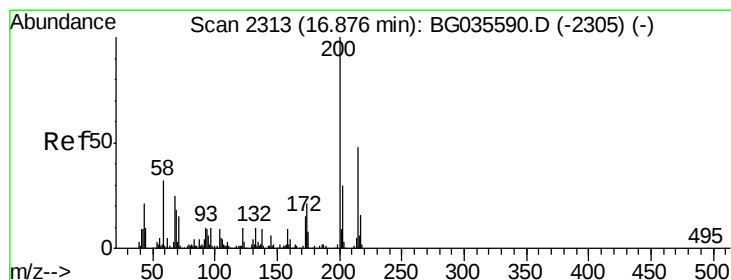
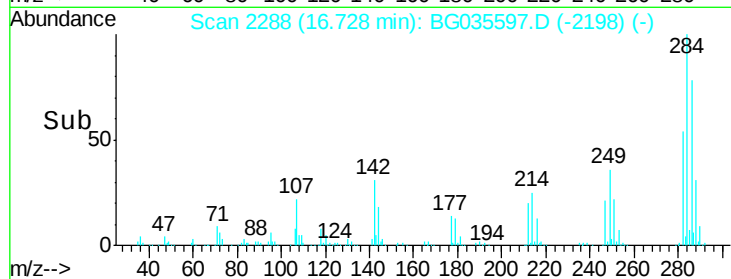
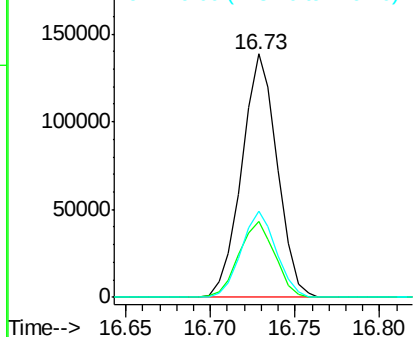
#67
Hexachlorobenzene
Concen: 43.049 ng
RT: 16.73 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Instrument :
BNA_G
ClientSampleId :
PB110905BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	26.8	40.2
249	35.6	26.3	39.5

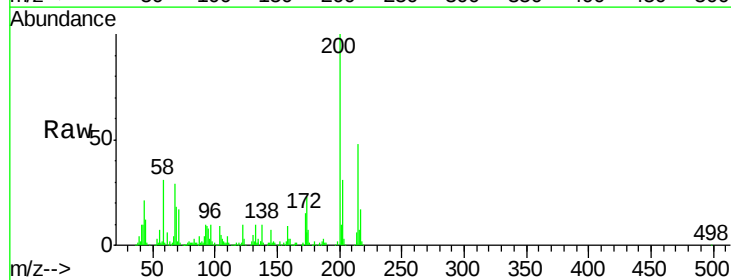


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

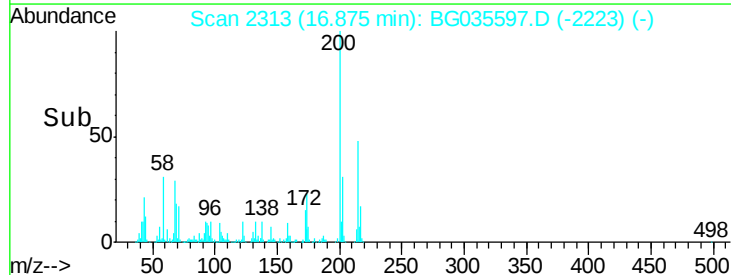
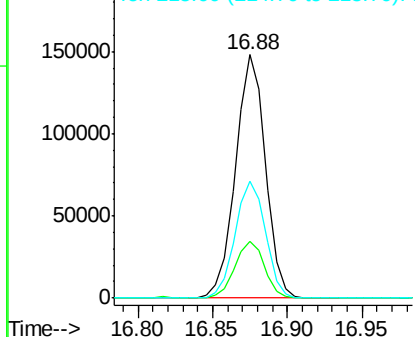


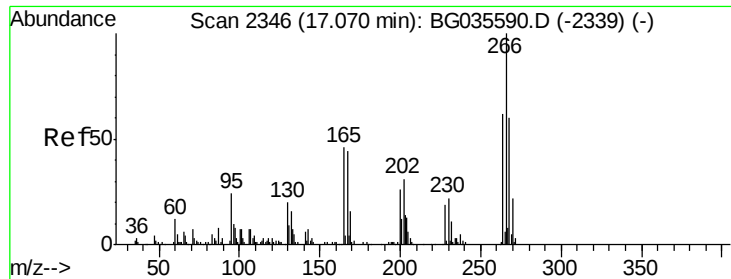
#68
Atrazine
Concen: 44.820 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	5.2	45.2
215	47.8	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

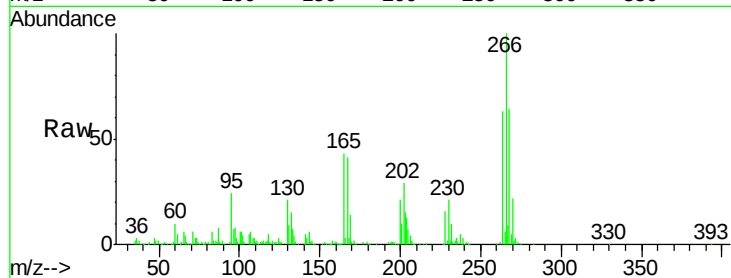




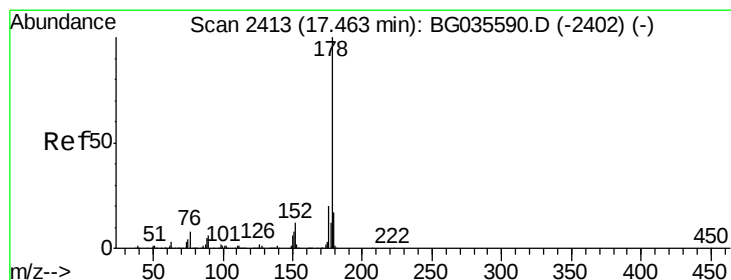
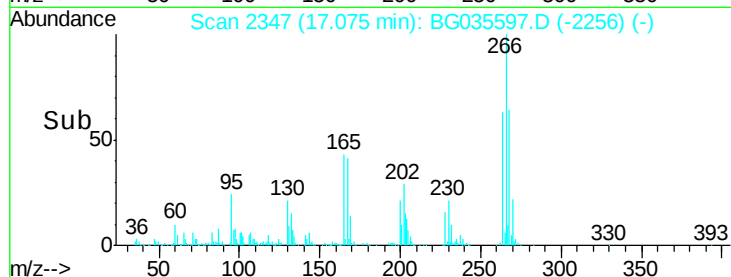
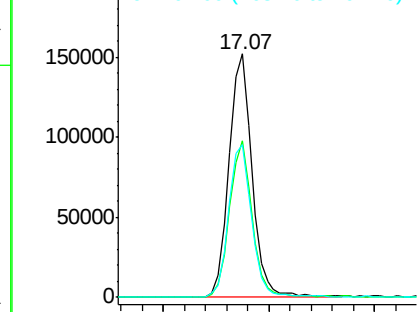
#69
 Pentachlorophenol
 Concen: 80.681 ng
 RT: 17.07 min Scan# 2347
 Delta R.T. 0.01 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	63.0	49.6	74.4

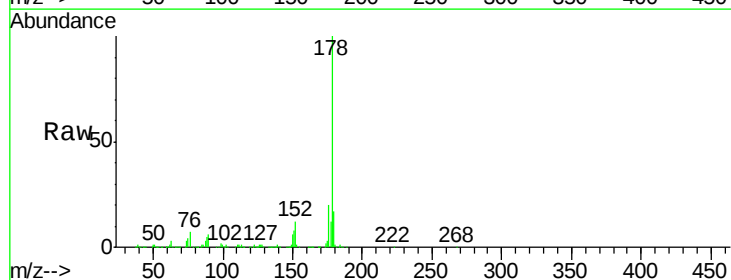


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

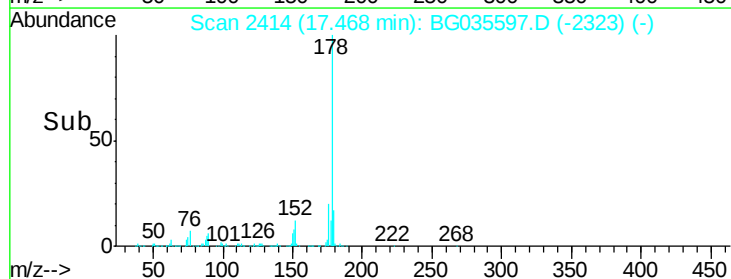
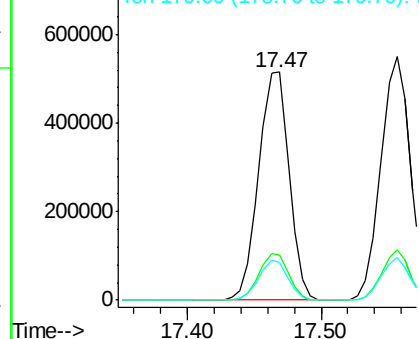


#70
 Phenanthrene
 Concen: 41.408 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.01 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.6	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: 42.887 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

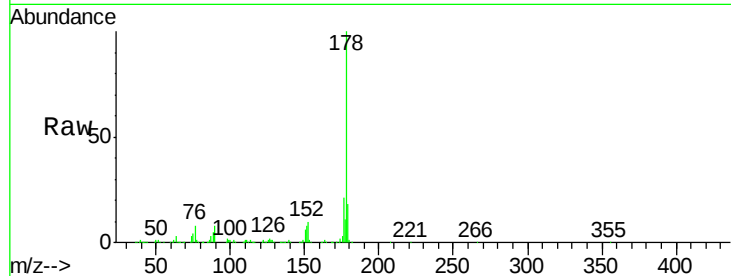
Tgt Ion:178 Resp: 836598

Ion Ratio Lower Upper

178 100

176 20.8 16.0 24.0

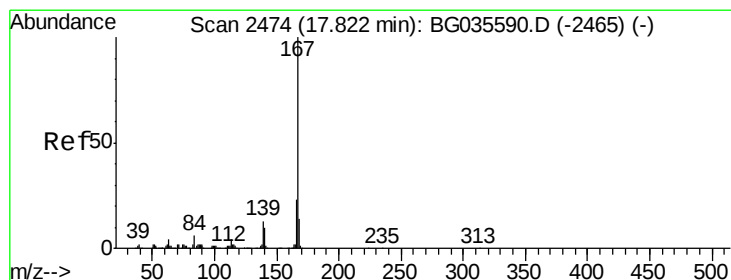
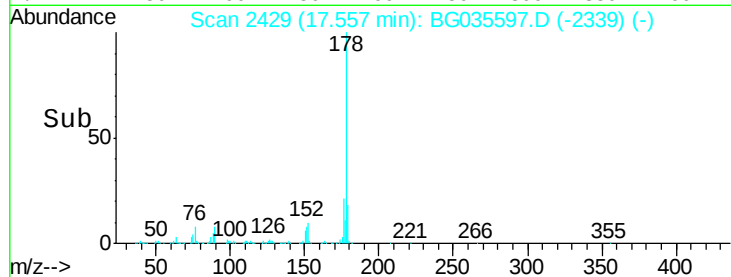
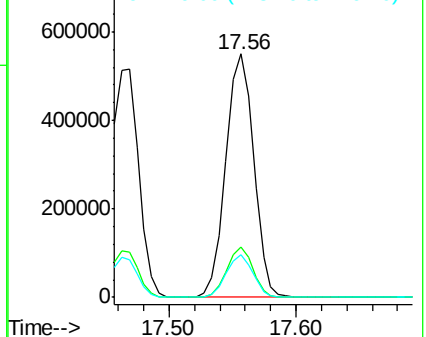
179 17.6 12.5 18.7



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



#72

Carbazole

Concen: 41.418 ng

RT: 17.82 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

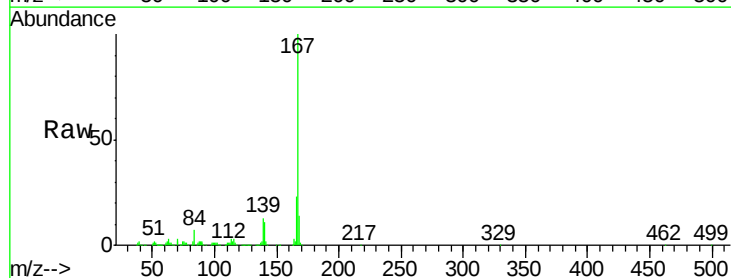
Tgt Ion:167 Resp: 767285

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

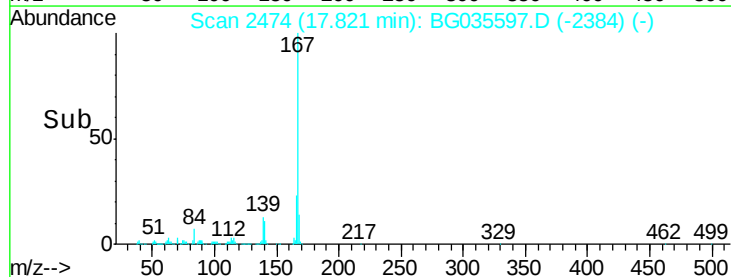
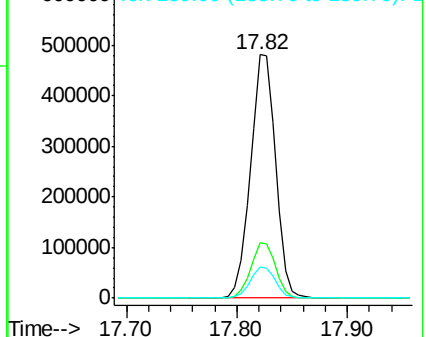
139 13.0 9.4 14.2

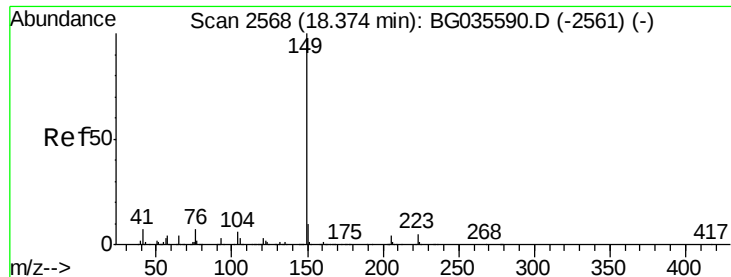


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

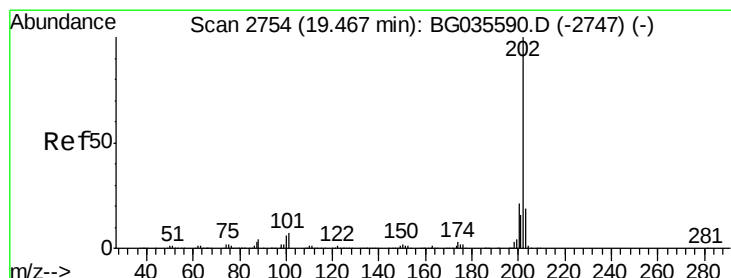
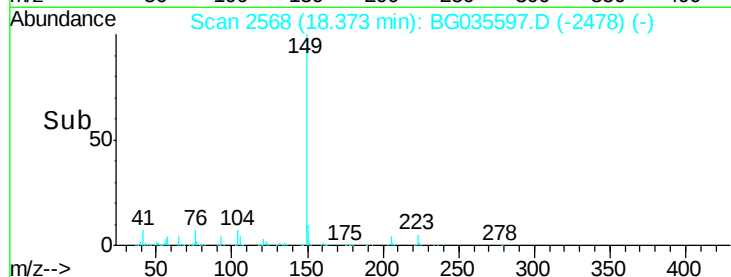
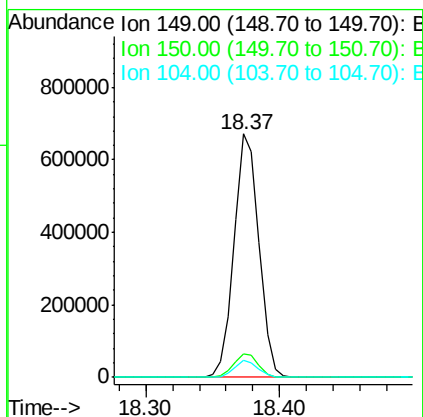
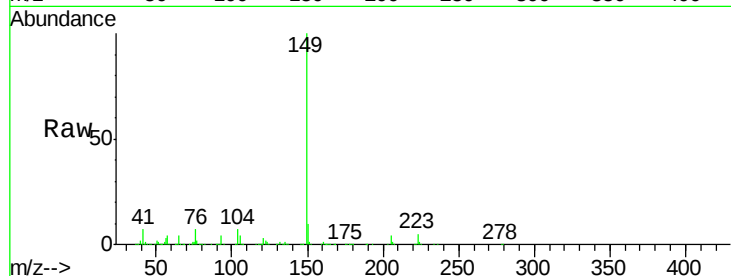




#73
Di-n-butylphthalate
Concen: 39.790 ng
RT: 18.37 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

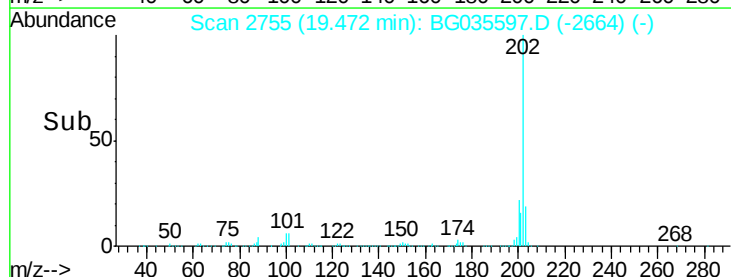
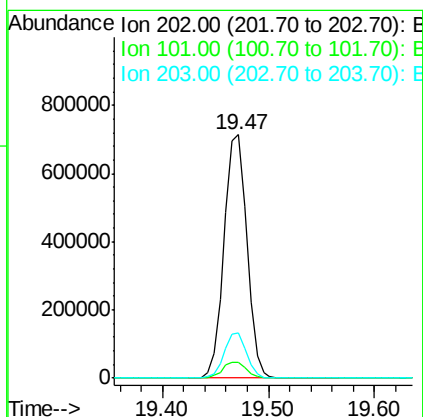
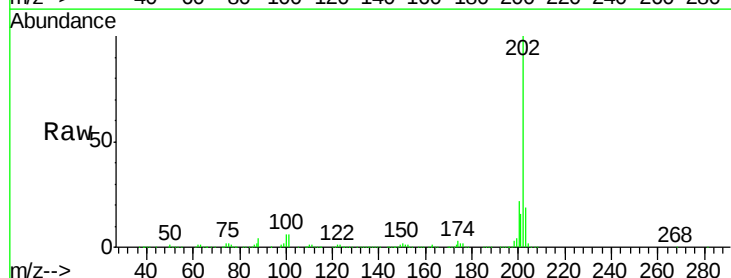
Instrument :
BNA_G
ClientSampleId :
PB110905BS

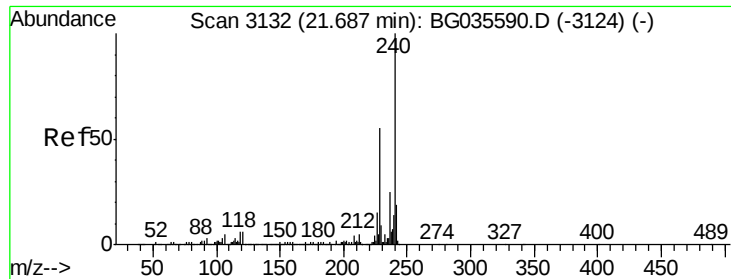
Tgt Ion:149 Resp: 871085
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 6.8 3.9 5.9#



#74
Fluoranthene
Concen: 40.497 ng
RT: 19.47 min Scan# 2755
Delta R.T. 0.01 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion:202 Resp: 1068650
Ion Ratio Lower Upper
202 100
101 6.4 0.0 28.9
203 18.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

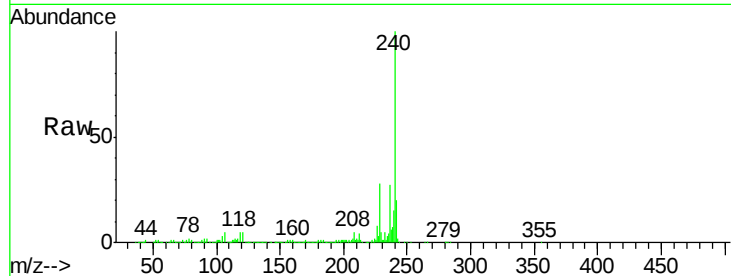
Tgt Ion:240 Resp: 399148

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

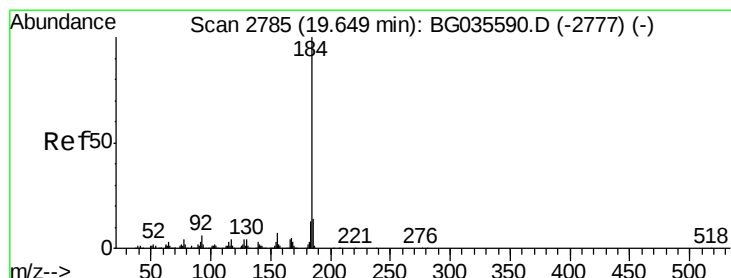
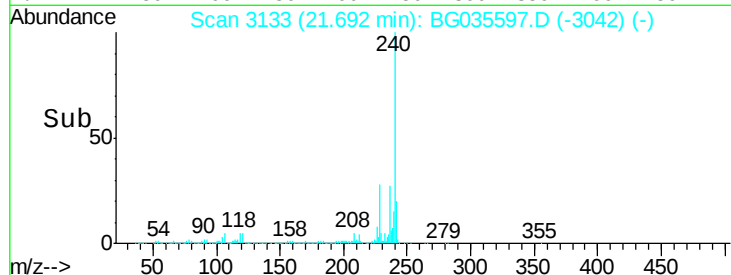
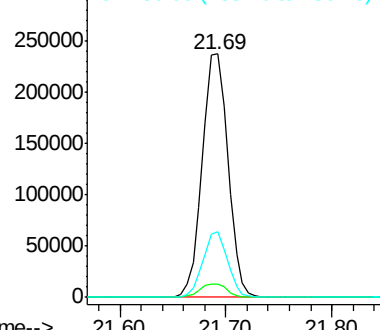
236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.935 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

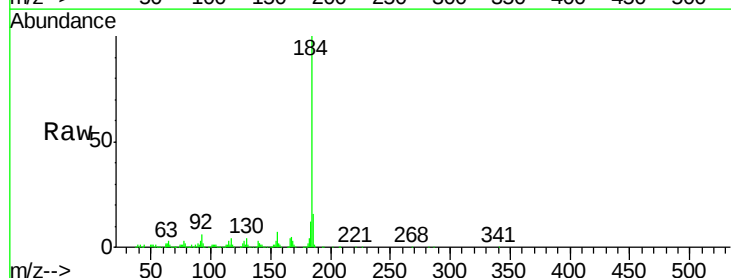
Tgt Ion:184 Resp: 377089

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

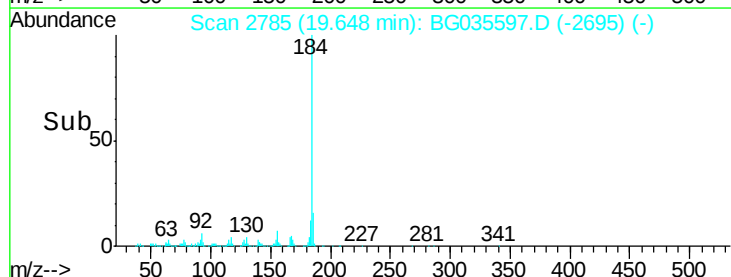
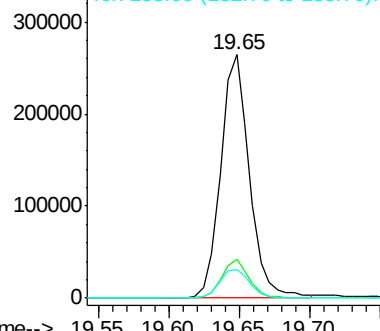
183 11.9 10.6 16.0

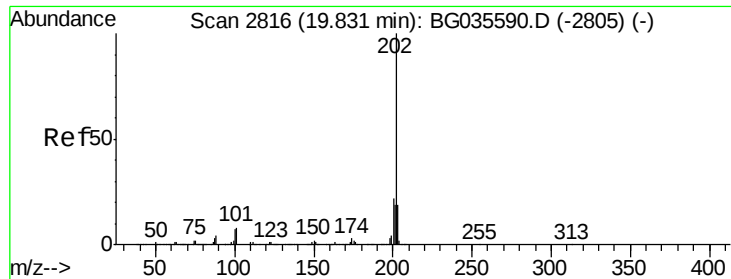


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.940 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

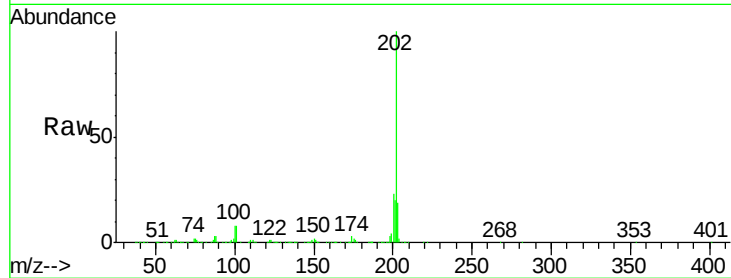
Tgt Ion:202 Resp: 1058507

Ion Ratio Lower Upper

202 100

200 22.5 16.9 25.3

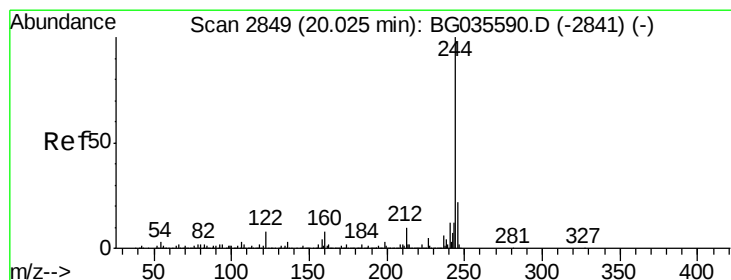
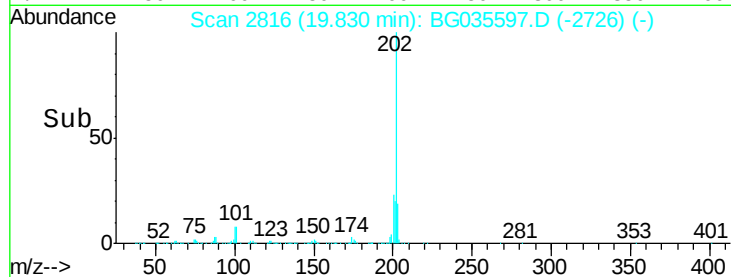
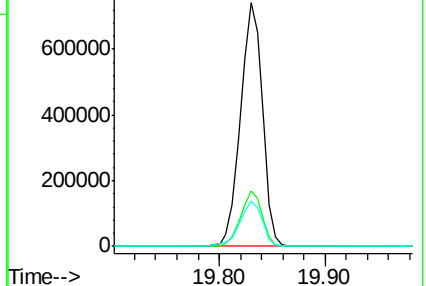
203 18.6 13.9 20.9



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: 86.082 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

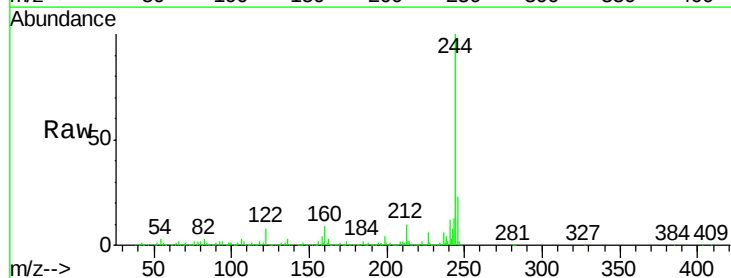
Tgt Ion:244 Resp: 1558749

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

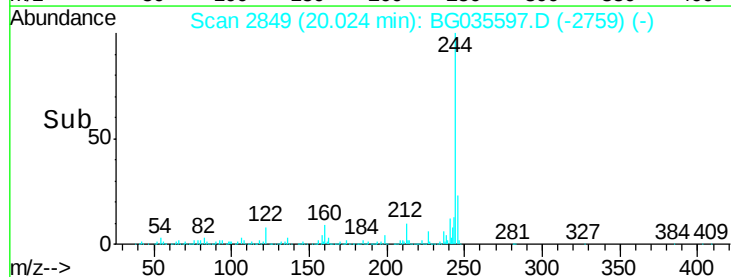
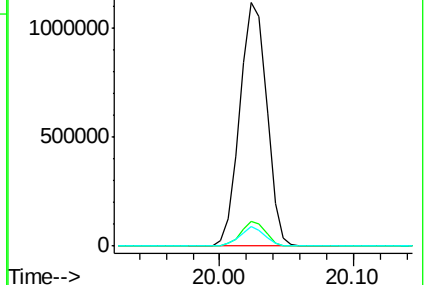
122 7.9 7.0 10.4

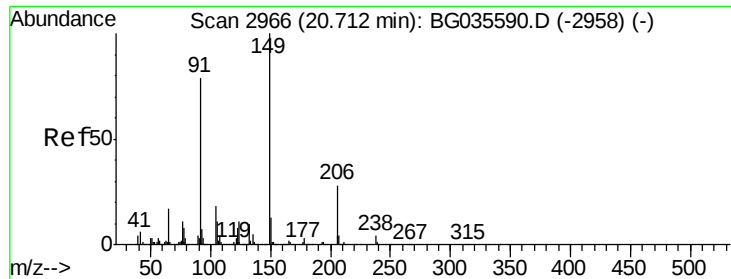


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.980 ng

RT: 20.71 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

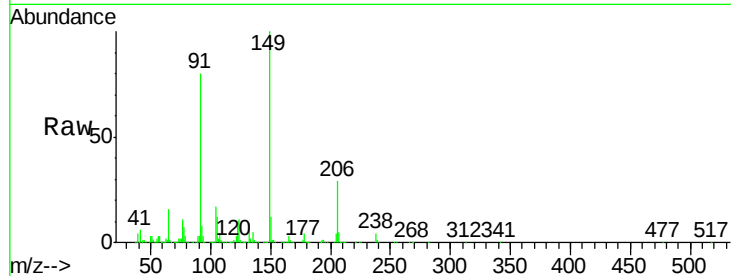
Tgt Ion:149 Resp: 387916

Ion Ratio Lower Upper

149 100

91 79.8 62.2 93.2

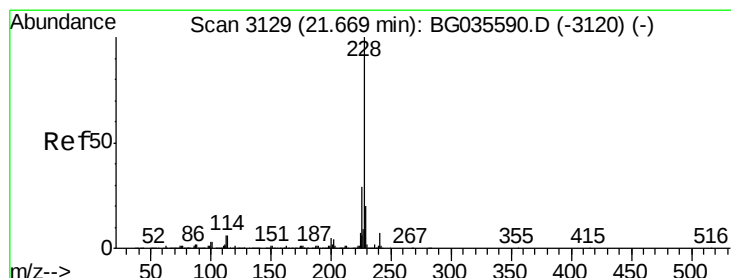
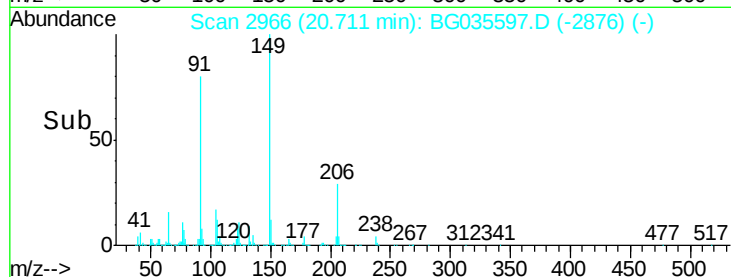
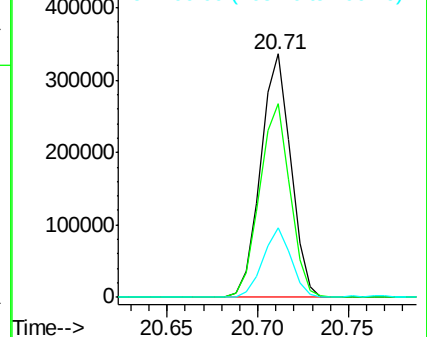
206 28.8 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.705 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

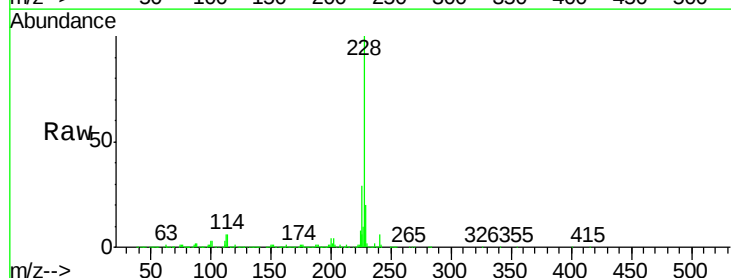
Tgt Ion:228 Resp: 1062232

Ion Ratio Lower Upper

228 100

226 28.5 22.7 34.1

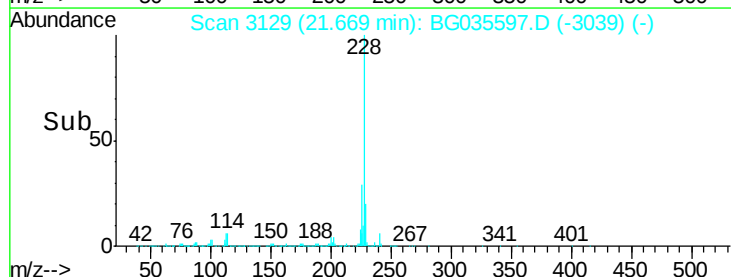
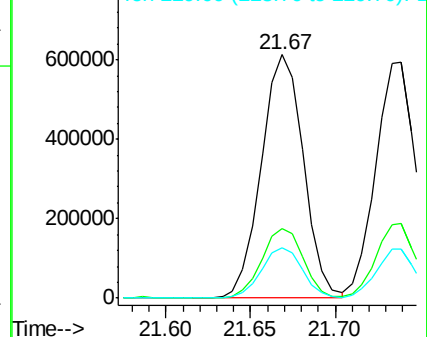
229 20.4 16.2 24.2

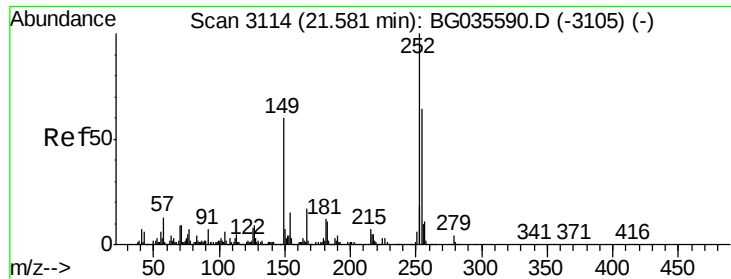


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

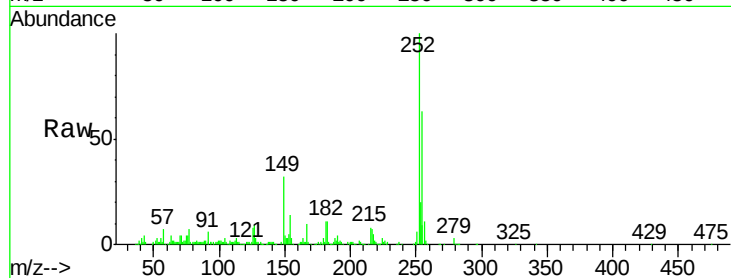




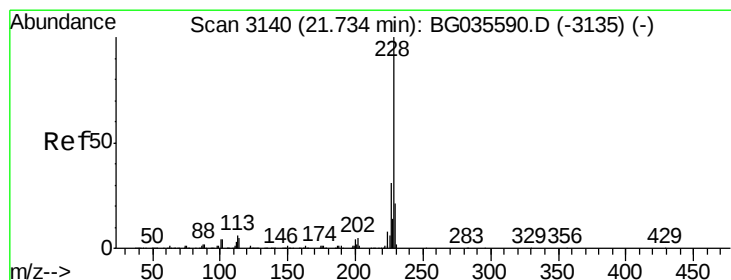
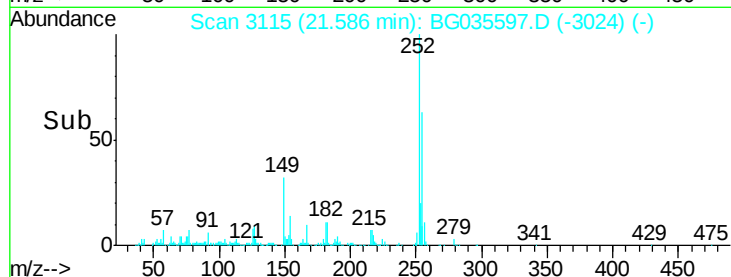
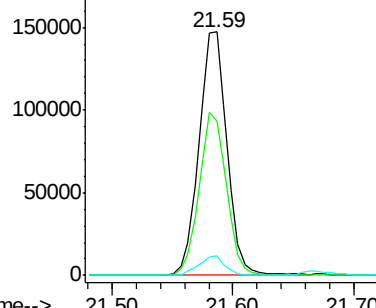
#81
 3,3'-Dichlorobenzidine
 Concen: 27.419 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. 0.01 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB110905BS

Tgt Ion:252 Resp: 237801
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 7.9 7.4 11.2

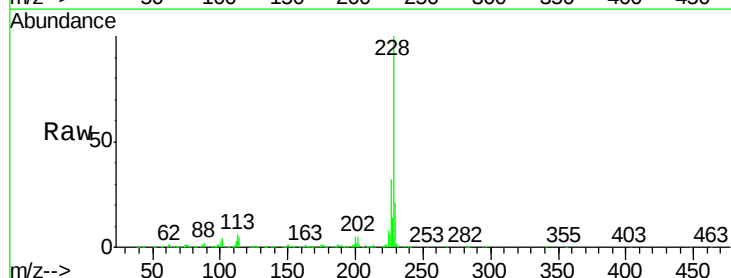


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

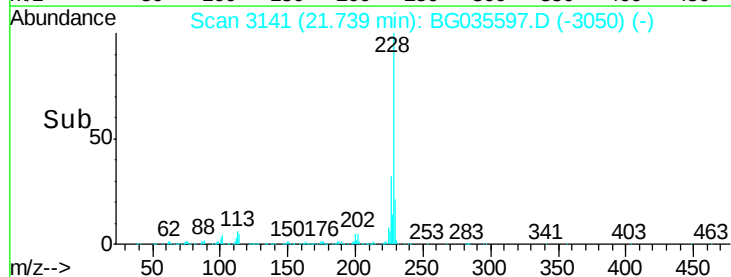
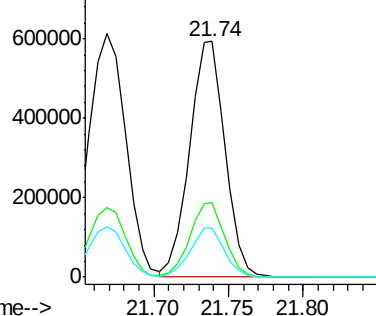


#82
 Chrysene
 Concen: 42.538 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.01 min
 Lab File: BG035597.D
 Acq: 12 Jul 2018 16:38

Tgt Ion:228 Resp: 980507
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.8 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: 42.926 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

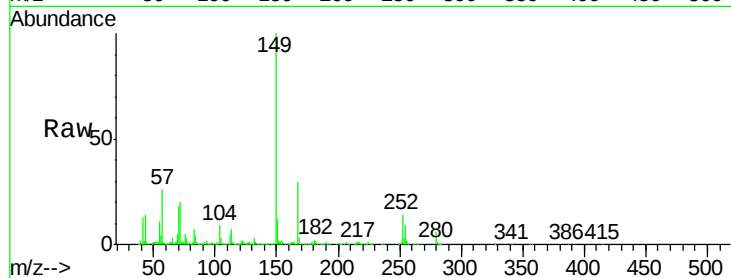
Tgt Ion:149 Resp: 526708

Ion Ratio Lower Upper

149 100

167 30.1 24.3 36.5

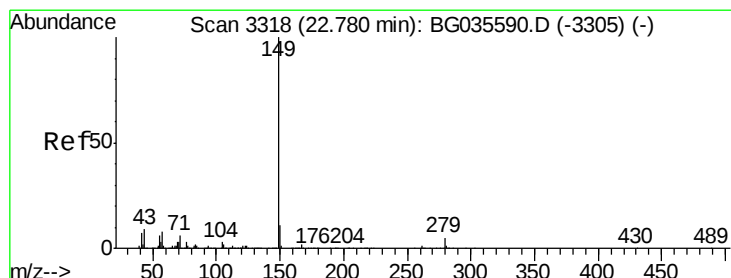
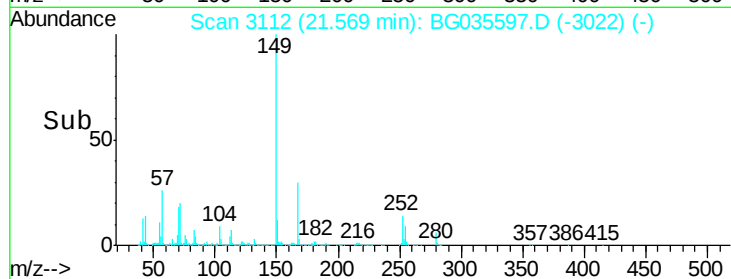
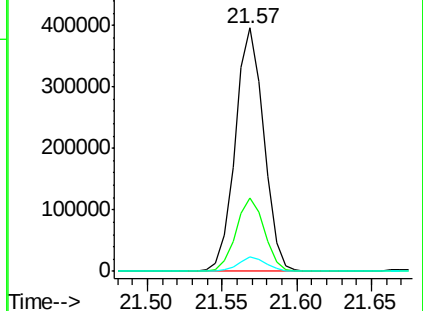
279 5.9 4.0 6.0



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: 43.485 ng

RT: 22.78 min Scan# 3318

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

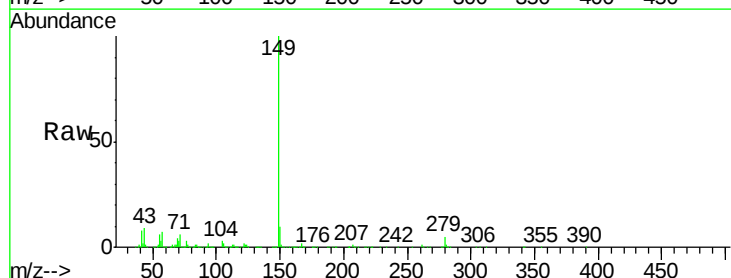
Tgt Ion:149 Resp: 893381

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

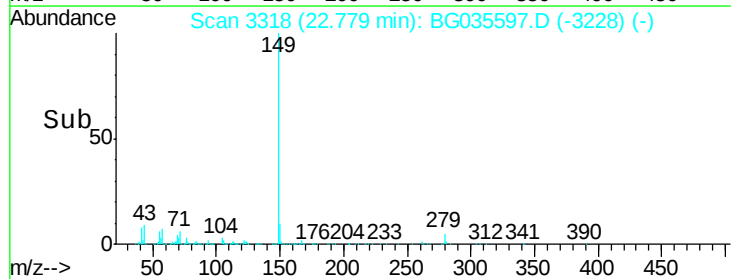
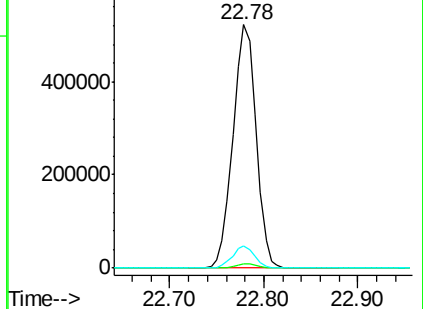
43 8.6 8.9 13.3#

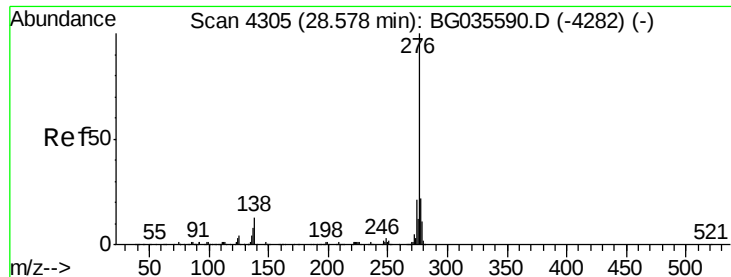


Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.117 ng

RT: 28.58 min Scan# 4306

Delta R.T. 0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

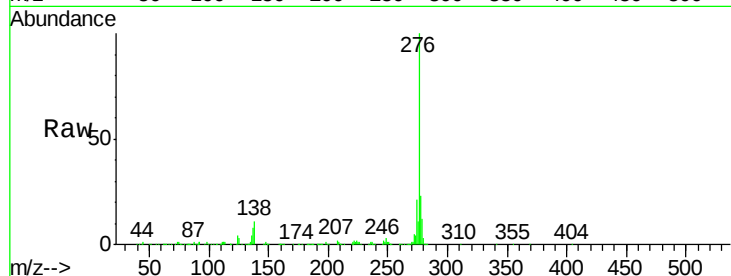
Tgt Ion:276 Resp: 1125848

Ion Ratio Lower Upper

276 100

138 14.8 16.0 24.0#

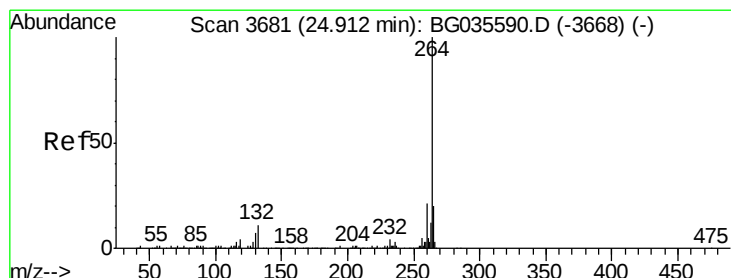
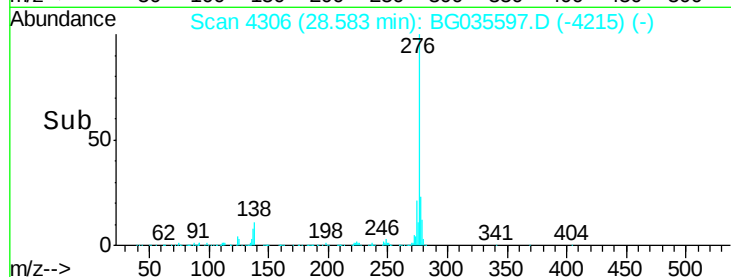
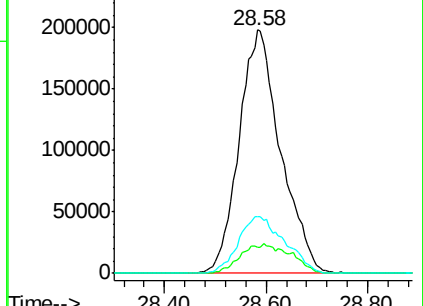
277 26.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

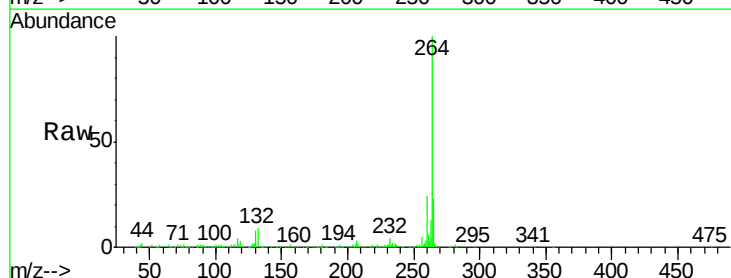
Tgt Ion:264 Resp: 376587

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

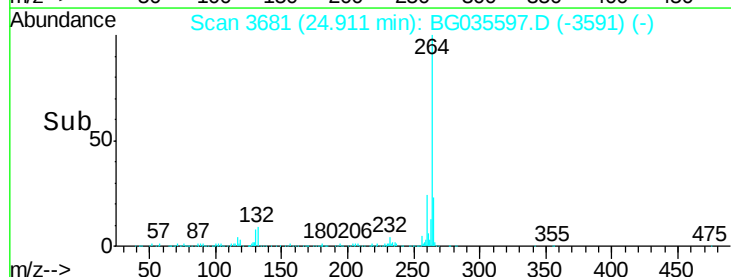
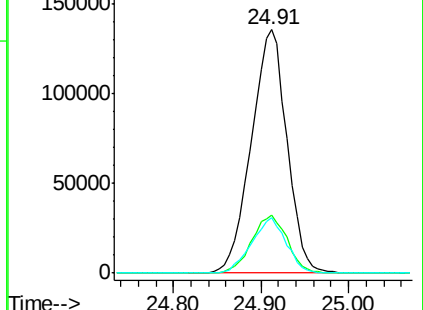
265 22.7 17.7 26.5

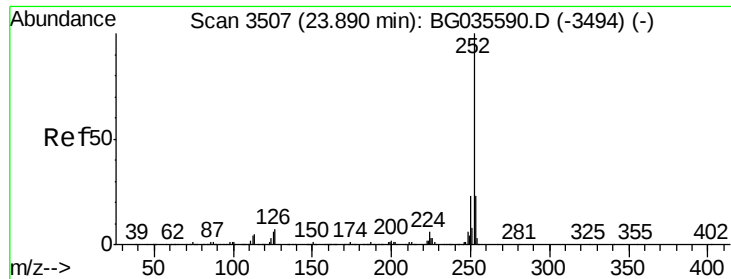


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

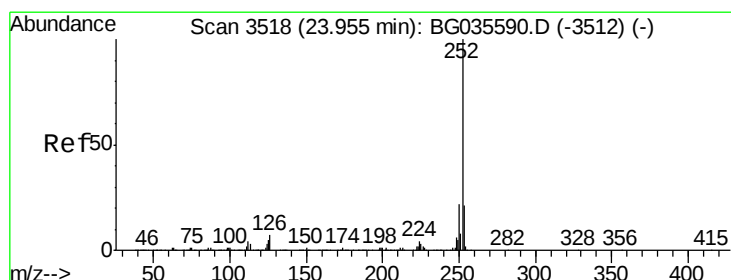
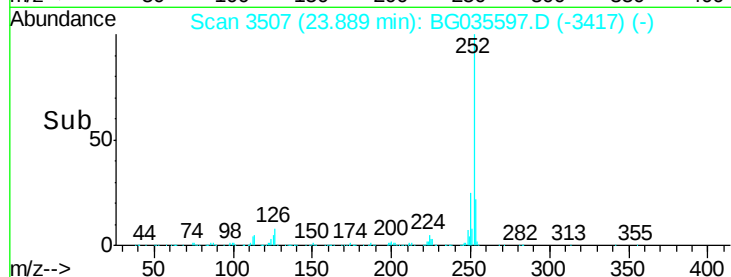
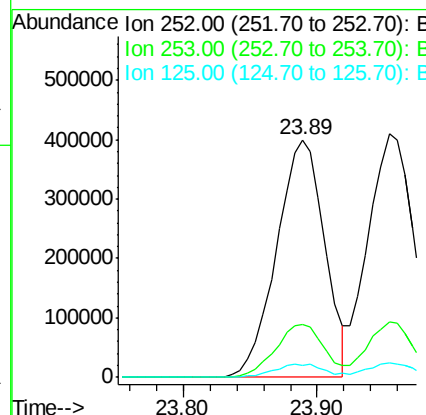
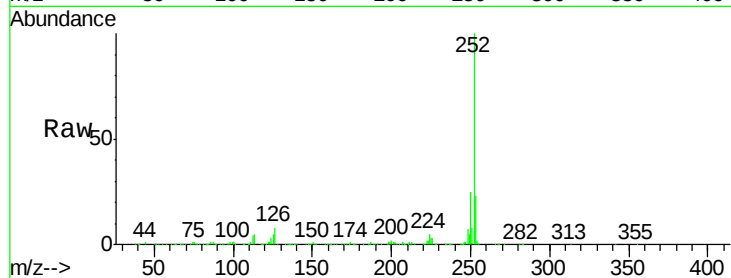




#87
Benzo(b)fluoranthene
Concen: 43.395 ng
RT: 23.89 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

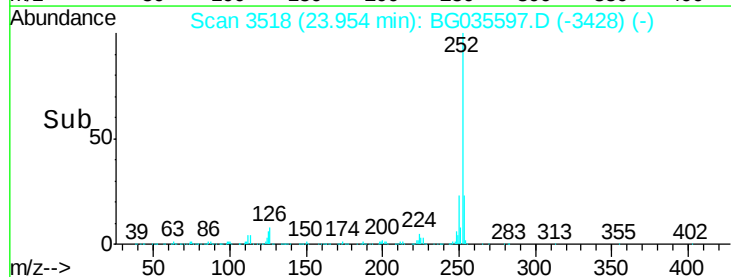
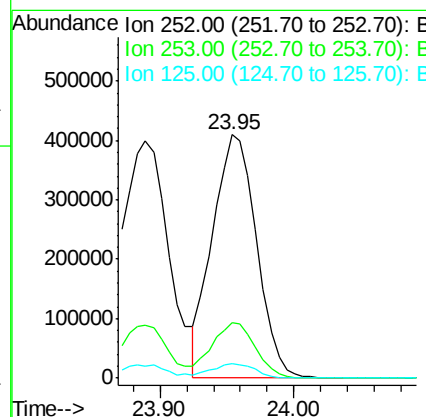
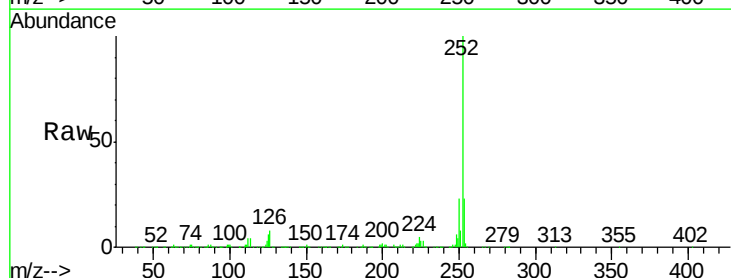
Instrument :
BNA_G
ClientSampleId :
PB110905BS

Tgt Ion:252 Resp: 993268
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 5.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 42.051 ng
RT: 23.95 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG035597.D
Acq: 12 Jul 2018 16:38

Tgt Ion:252 Resp: 940973
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 5.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 45.528 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

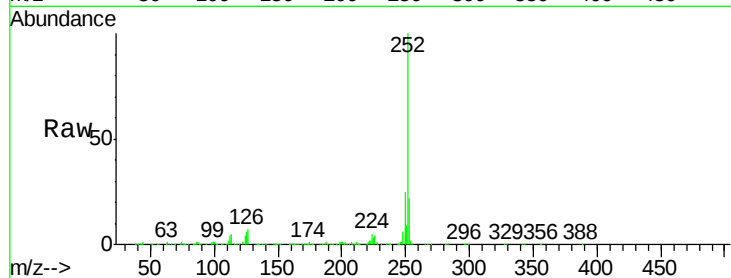
Tgt Ion:252 Resp: 969474

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

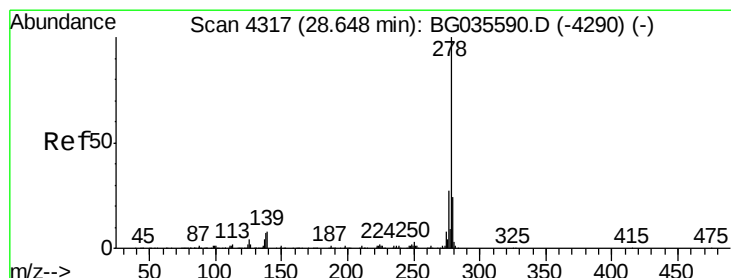
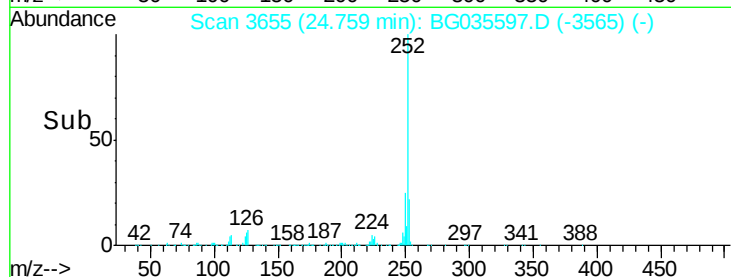
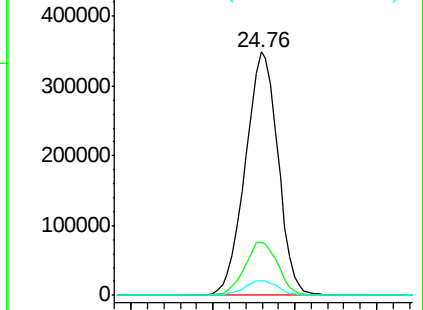
125 5.9 7.3 10.9#



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: 44.323 ng

RT: 28.64 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

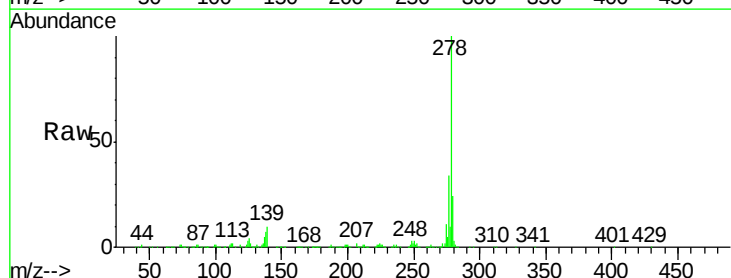
Tgt Ion:278 Resp: 926590

Ion Ratio Lower Upper

278 100

139 9.9 9.8 14.6

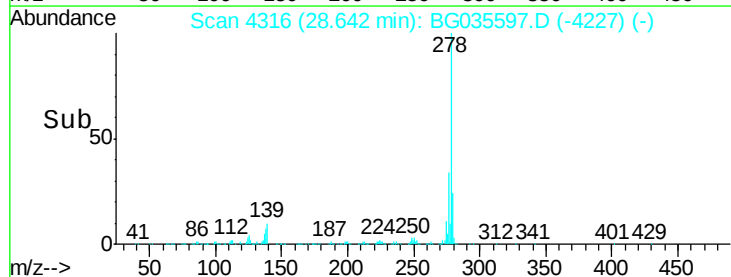
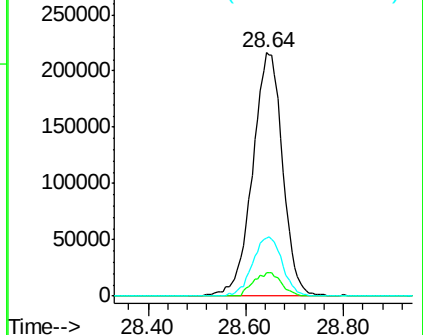
279 23.7 18.4 27.6

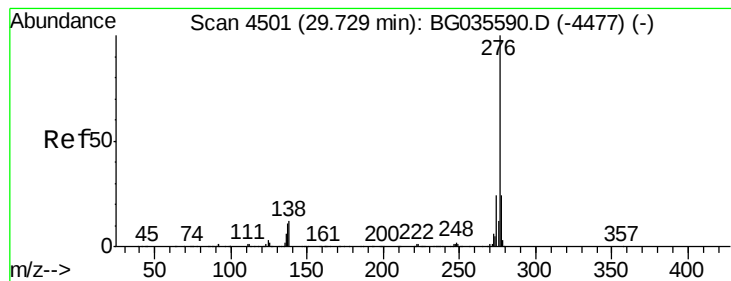


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.766 ng

RT: 29.73 min Scan# 4501

Delta R.T. -0.00 min

Lab File: BG035597.D

Acq: 12 Jul 2018 16:38

Instrument :

BNA_G

ClientSampleId :

PB110905BS

Tgt Ion: 276 Resp: 936223

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 10.9 13.9 20.9#

