

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036053.D
 Acq On : 2 Aug 2018 10:04
 Operator : JU/SJ
 Sample : PB111656BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Quant Time: Aug 02 10:48:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29525	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	104851	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	82512	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	242223	20.00	ng	0.00
75) Chrysene-d12	21.65	240	265885	20.00	ng	0.00
86) Perylene-d12	24.84	264	261012	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	234281	131.74	ng	0.00
7) Phenol-d6	7.19	99	339352	127.90	ng	0.00
23) Nitrobenzene-d5	9.18	82	223321	88.98	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	179303	164.87	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	545148	88.52	ng	-0.01
78) Terphenyl-d14	20.00	244	1110233	92.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	26752	29.556	ng	# 74
3) Pyridine	3.91	79	76192	32.245	ng	# 68
4) n-Nitrosodimethylamine	3.83	42	33961	33.473	ng	# 79
6) Aniline	7.34	93	97960	28.485	ng	95
8) 2-Chlorophenol	7.59	128	77405	42.796	ng	94
9) Benzaldehyde	7.16	77	43921	26.978	ng	93
10) Phenol	7.22	94	112963	42.141	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	75351	35.893	ng	87
12) 1,3-Dichlorobenzene	7.91	146	85237	39.025	ng	90
13) 1,4-Dichlorobenzene	8.05	146	86347	38.909	ng	99
14) 1,2-Dichlorobenzene	8.37	146	84031	39.416	ng	95
15) Benzyl Alcohol	8.26	79	88669	36.801	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	84080	47.772	ng	79
17) 2-Methylphenol	8.47	107	74992	41.147	ng	# 92
18) Hexachloroethane	9.10	117	33635	39.640	ng	91
19) n-Nitroso-di-n-propylamine	8.82	70	72257	32.340	ng	88
20) 3+4-Methylphenols	8.79	107	104140	41.188	ng	93
22) Acetophenone	8.84	105	130320	39.969	ng	# 93
24) Nitrobenzene	9.22	77	109512	43.385	ng	95
25) Isophorone	9.74	82	212752	45.662	ng	98
26) 2-Nitrophenol	9.93	139	44333	49.453	ng	# 85
27) 2,4-Dimethylphenol	9.99	122	81050	53.411	ng	84
28) bis(2-Chloroethoxy)methane	10.22	93	107590	41.907	ng	97
29) 2,4-Dichlorophenol	10.48	162	88976	51.365	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	96440	45.403	ng	98
31) Naphthalene	10.87	128	239586	43.866	ng	98
32) Benzoic acid	10.17	122	25904	25.357	ng	91
33) 4-Chloroaniline	10.99	127	62246	26.148	ng	98
34) Hexachlorobutadiene	11.15	225	76171	45.988	ng	98
35) Caprolactam	11.77	113	20719	27.872	ng	# 69
36) 4-Chloro-3-methylphenol	12.11	107	118782	51.157	ng	90
37) 2-Methylnaphthalene	12.47	142	192357	47.273	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	133440	42.848	ng	99
40) Hexachlorocyclopentadiene	12.82	237	164762	100.879	ng	90

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	87446	48.014	ng	98
43) 2,4,5-Trichlorophenol	13.17	196	101022	49.583	ng	98
45) 1,1'-Biphenyl	13.48	154	276033	43.150	ng	99
46) 2-Chloronaphthalene	13.52	162	217856	43.782	ng	99
47) 2-Nitroaniline	13.73	65	76966	43.752	ng	94
48) Acenaphthylene	14.37	152	368939	44.262	ng	97
49) Dimethylphthalate	14.10	163	319556	44.203	ng	99
50) 2,6-Dinitrotoluene	14.22	165	73122	49.670	ng	94
51) Acenaphthene	14.71	154	217836	41.953	ng	97
52) 3-Nitroaniline	14.56	138	47934	31.857	ng #	95
53) 2,4-Dinitrophenol	14.76	184	61131	80.689	ng #	61
54) Dibenzofuran	15.04	168	373566	45.238	ng	95
55) 4-Nitrophenol	14.87	139	90456	84.416	ng #	84
56) 2,4-Dinitrotoluene	15.01	165	111066	52.588	ng #	87
57) Fluorene	15.69	166	310746	44.898	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	105436	53.974	ng	91
59) Diethylphthalate	15.46	149	331522	44.598	ng	98
60) 4-Chlorophenyl-phenylether	15.68	204	183058	45.000	ng	95
61) 4-Nitroaniline	15.72	138	70112	44.546	ng #	85
62) Azobenzene	15.97	77	324811	44.298	ng	93
64) 4,6-Dinitro-2-methylphenol	15.77	198	61675	45.740	ng	85
65) n-Nitrosodiphenylamine	15.90	169	280768	40.723	ng	96
66) 4-Bromophenyl-phenylether	16.58	248	124776	44.401	ng	98
67) Hexachlorobenzene	16.70	284	133820	46.241	ng	95
68) Atrazine	16.85	200	129546	45.636	ng	96
69) Pentachlorophenol	17.04	266	121190	68.752	ng	98
70) Phenanthrene	17.43	178	529756	43.830	ng	98
71) Anthracene	17.52	178	544891	45.276	ng	98
72) Carbazole	17.79	167	486374	42.555	ng	99
73) Di-n-butylphthalate	18.34	149	559385	41.417	ng #	98
74) Fluoranthene	19.44	202	696278	42.768	ng	96
76) Benzidine	19.62	184	254284	36.377	ng	98
77) Pyrene	19.80	202	696323	41.418	ng	98
79) Butylbenzylphthalate	20.68	149	257635	42.853	ng	96
80) Benzo(a)anthracene	21.63	228	697078	42.071	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	181088	31.344	ng #	98
82) Chrysene	21.70	228	671015	43.702	ng	99
83) Bis(2-ethylhexyl)phthalate	21.53	149	361064	44.175	ng	98
84) Di-n-octyl phthalate	22.73	149	622251	45.468	ng	96
85) Indeno(1,2,3-cd)pyrene	28.48	276	753889	44.348	ng #	53
87) Benzo(b)fluoranthene	23.83	252	686401	43.267	ng #	96
88) Benzo(k)fluoranthene	23.90	252	658198	42.438	ng #	97
89) Benzo(a)pyrene	24.70	252	659290	44.671	ng #	97
90) Dibenzo(a,h)anthracene	28.55	278	638364	44.057	ng #	94
91) Benzo(g,h,i)perylene	29.63	276	631630	44.548	ng #	94

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

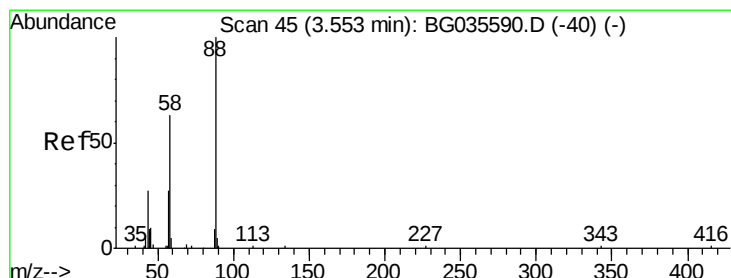
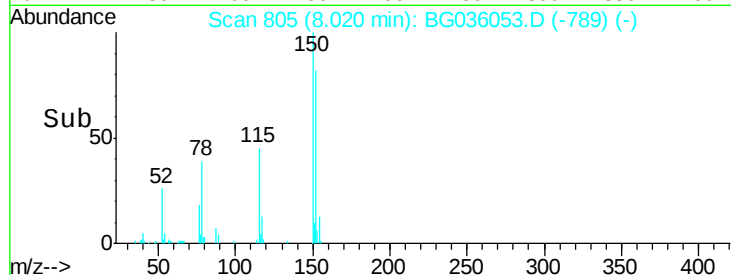
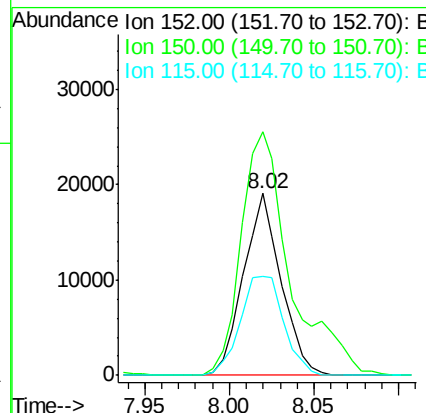
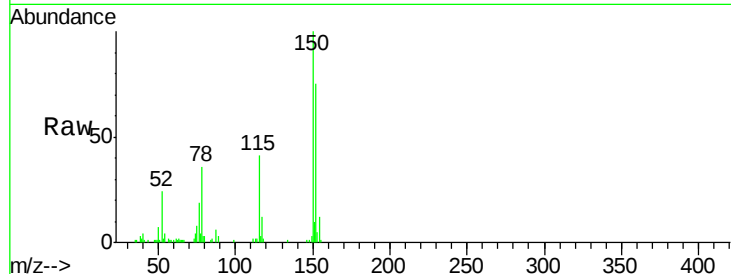


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

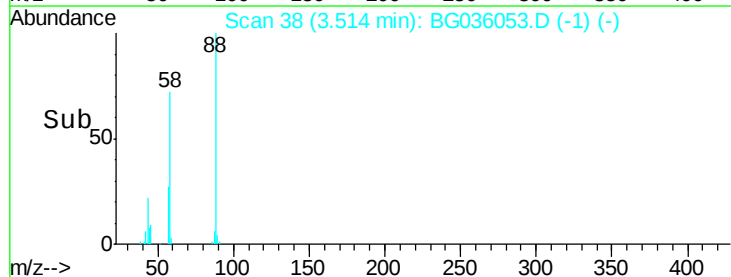
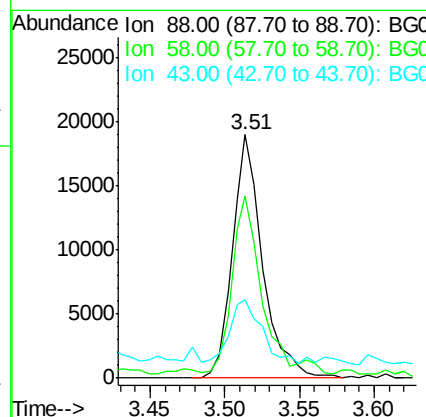
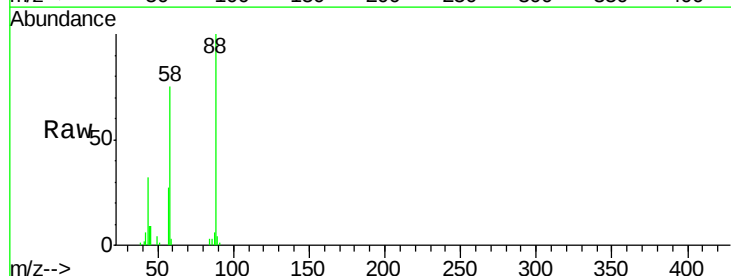
Tgt Ion	Ratio	Lower	Upper
152	100		
150	133.9	126.6	189.8
115	54.5	53.0	79.4

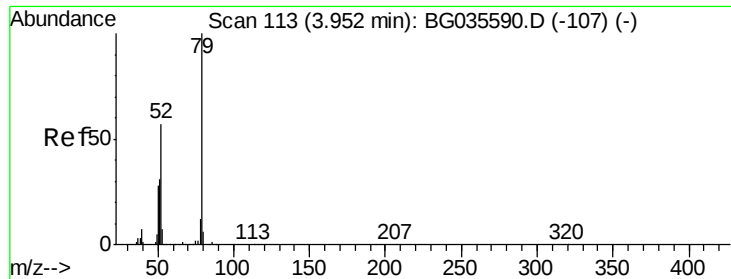


#2

1,4-Dioxane
 Concen: 29.556 ng
 RT: 3.51 min Scan# 38
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	79.6	119.4#
43	28.3	27.4	41.0





#3

Pyridine

Concen: 32.245 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

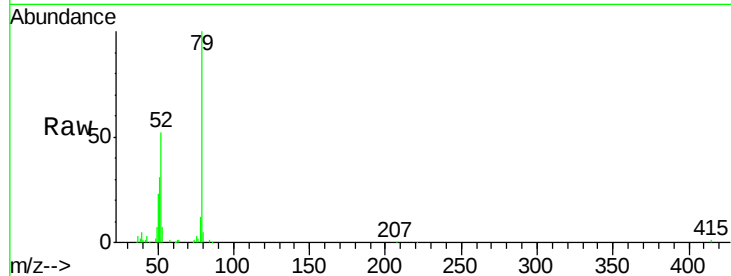
Tgt Ion: 79 Resp: 76192

Ion Ratio Lower Upper

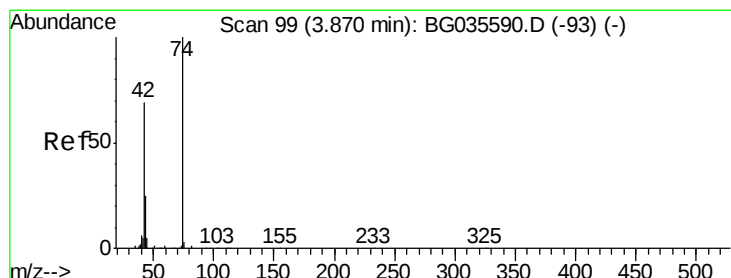
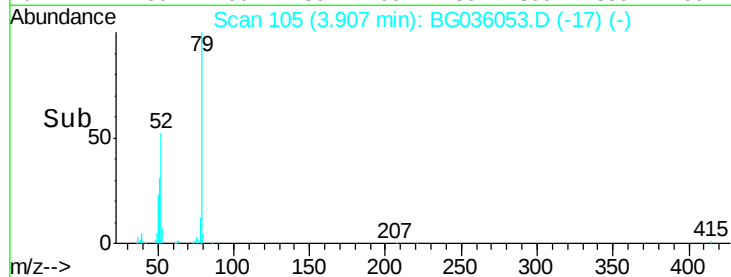
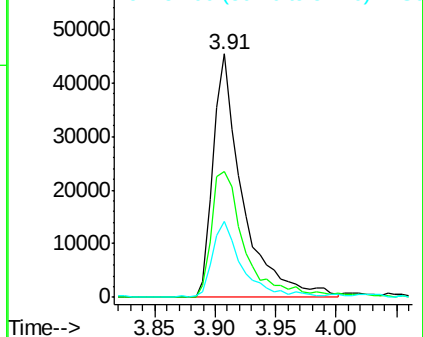
79 100

52 51.6 69.9 104.9#

51 31.4 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 33.473 ng

RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

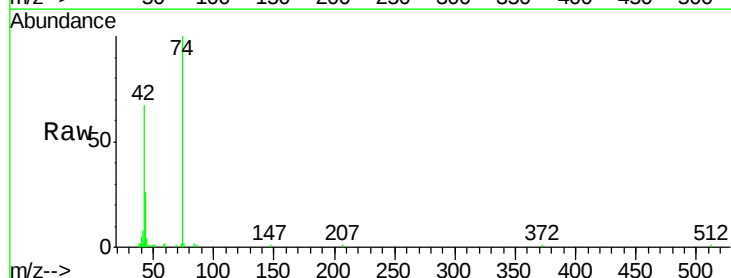
Tgt Ion: 42 Resp: 33961

Ion Ratio Lower Upper

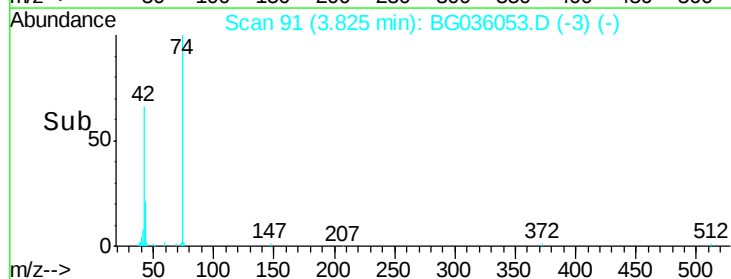
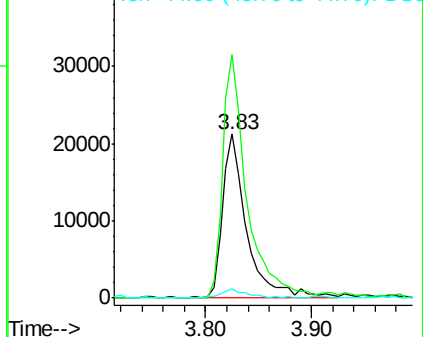
42 100

74 148.6 102.5 153.7

44 5.6 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 131.740 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

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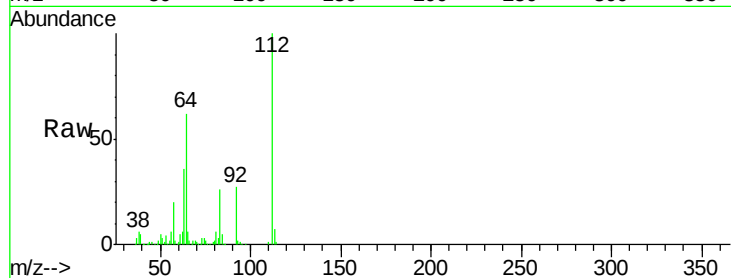
Tgt Ion: 112 Resp: 234281

Ion Ratio Lower Upper

112 100

64 61.9 56.3 84.5

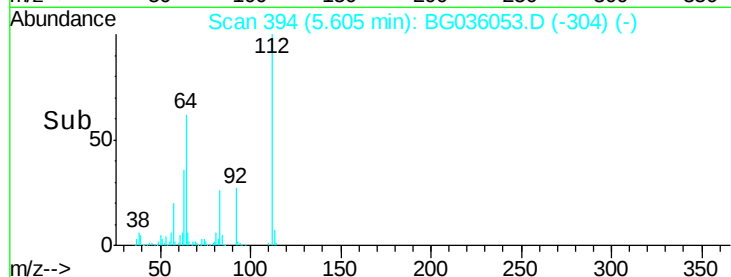
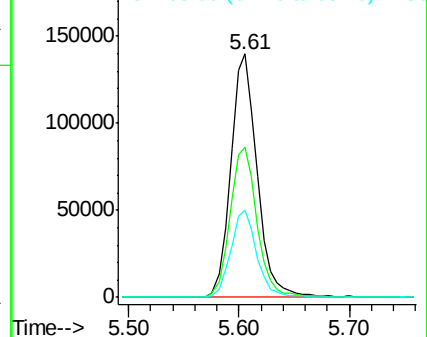
63 36.1 30.1 45.1



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: 28.485 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

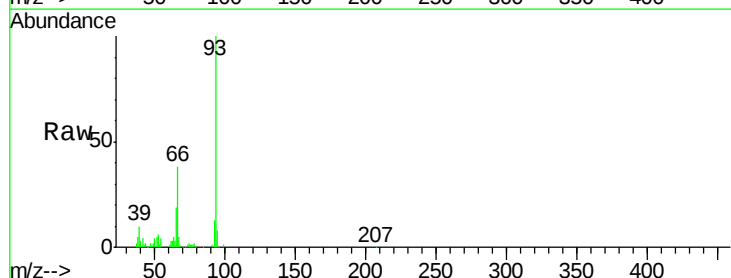
Tgt Ion: 93 Resp: 97960

Ion Ratio Lower Upper

93 100

66 38.2 33.7 50.5

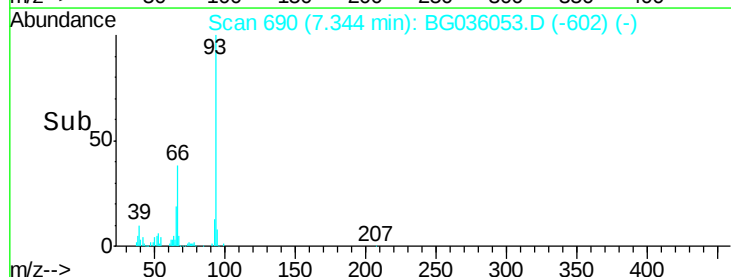
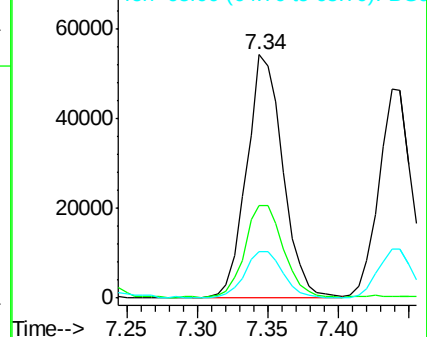
65 19.2 16.1 24.1

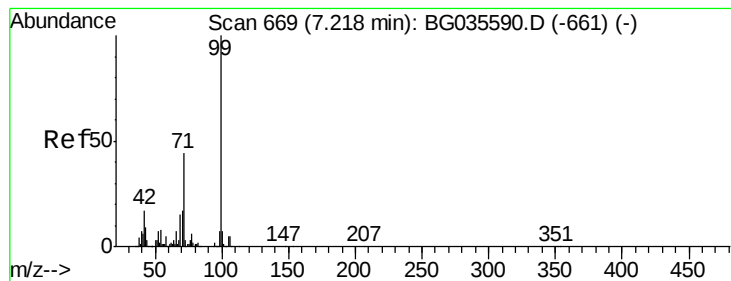


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.898 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

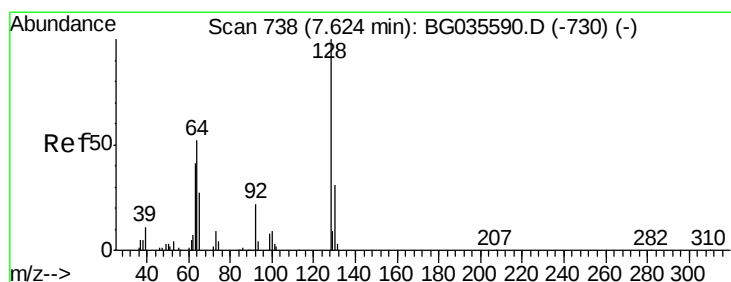
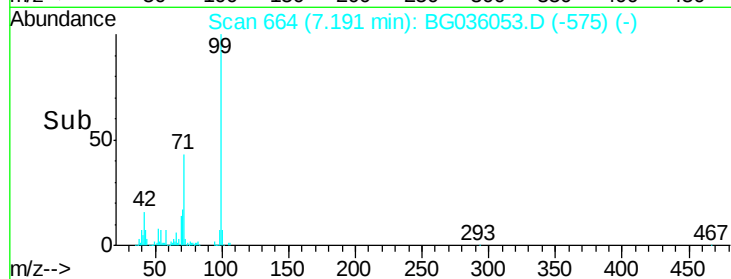
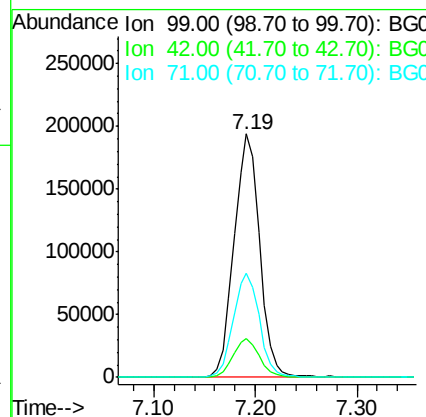
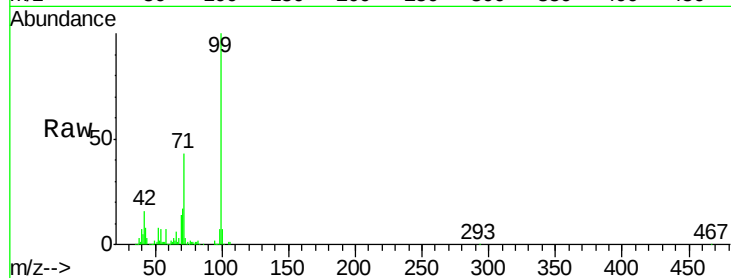
Instrument :

BNA_G

ClientSampleId :

PB111656BS

Tgt Ion:	99	Resp:	339352
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	43.0	26.1	39.1#



#8

2-Chlorophenol

Concen: 42.796 ng

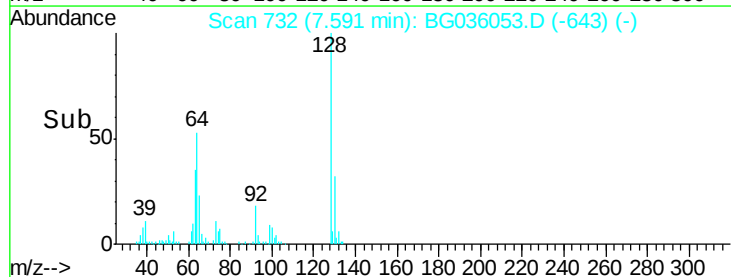
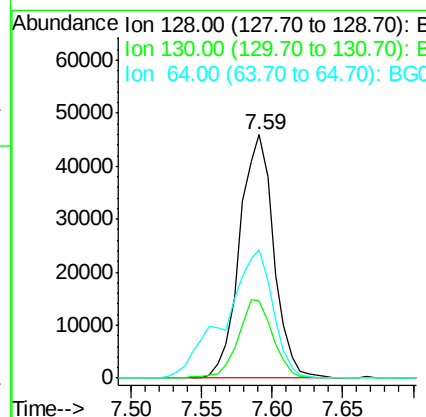
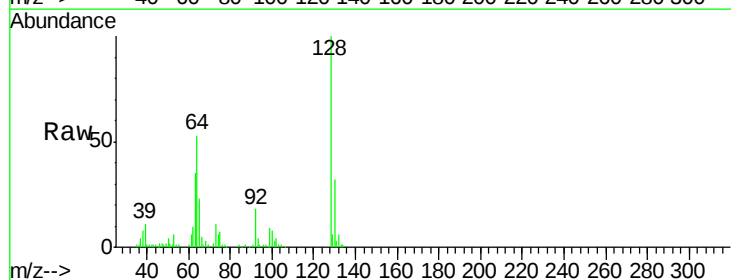
RT: 7.59 min Scan# 732

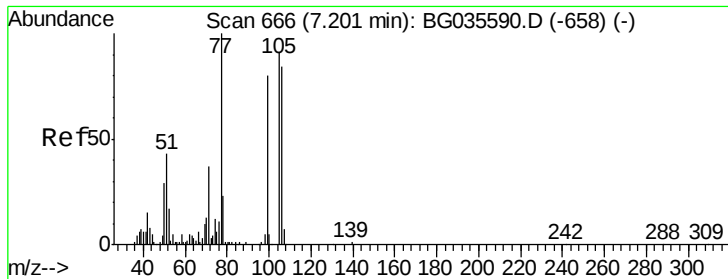
Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Tgt Ion:	128	Resp:	77405
Ion	Ratio	Lower	Upper
128	100		
130	31.7	14.0	54.0
64	52.7	37.7	77.7





#9

Benzaldehyde

Concen: 26.978 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

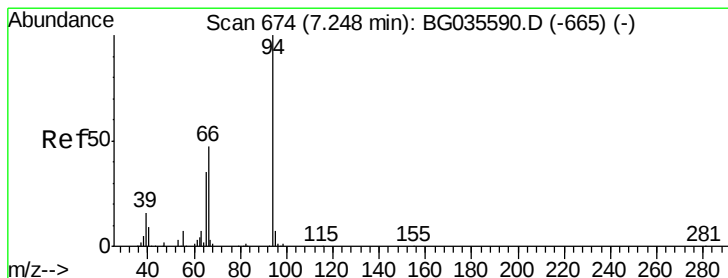
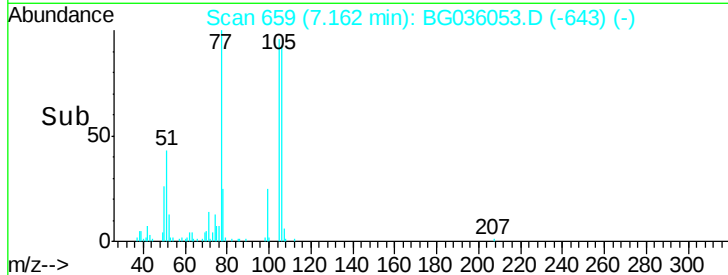
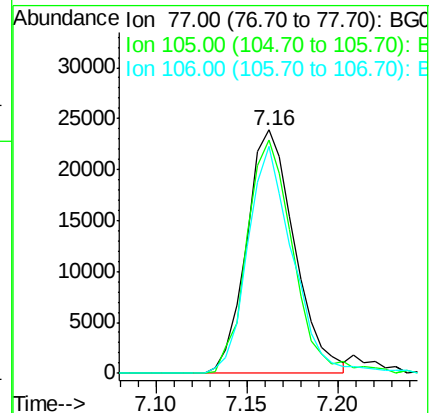
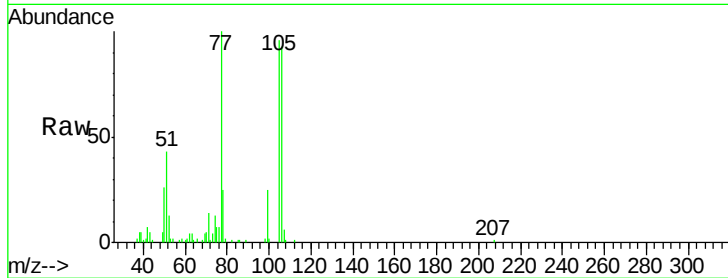
Tgt Ion: 77 Resp: 43921

Ion Ratio Lower Upper

77 100

105 95.9 71.3 111.3

106 93.0 64.2 104.2



#10

Phenol

Concen: 42.141 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

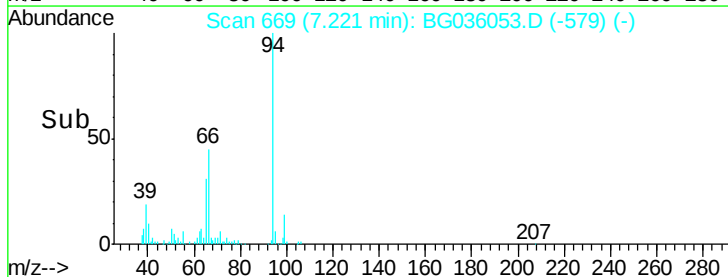
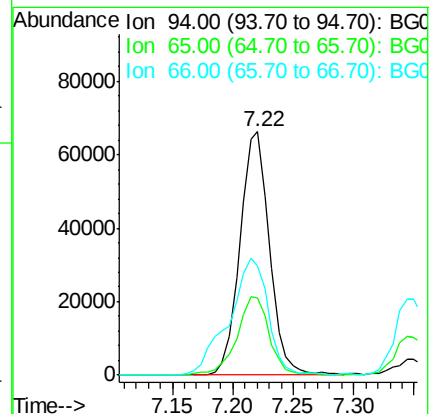
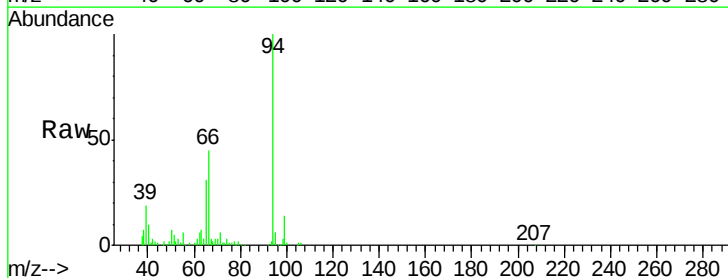
Tgt Ion: 94 Resp: 112963

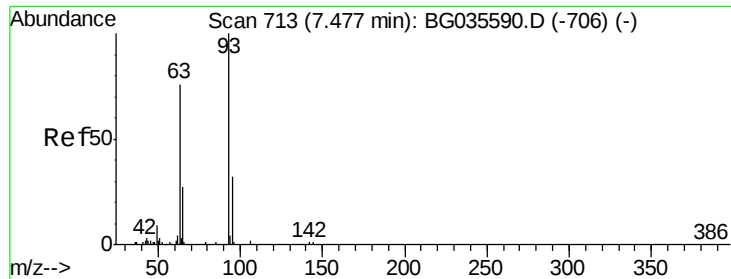
Ion Ratio Lower Upper

94 100

65 31.5 11.9 51.9

66 45.0 22.2 62.2

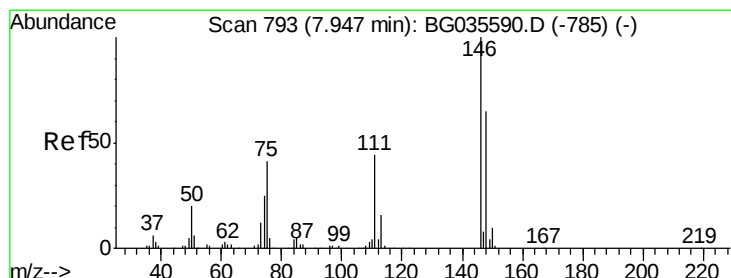
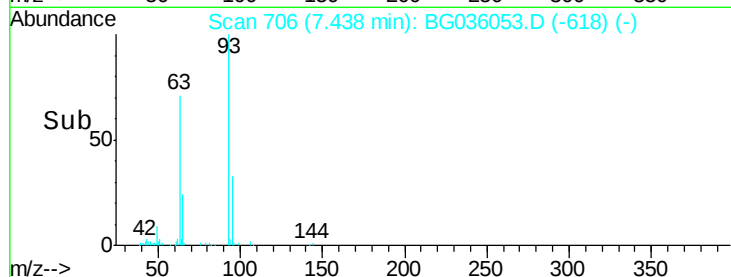
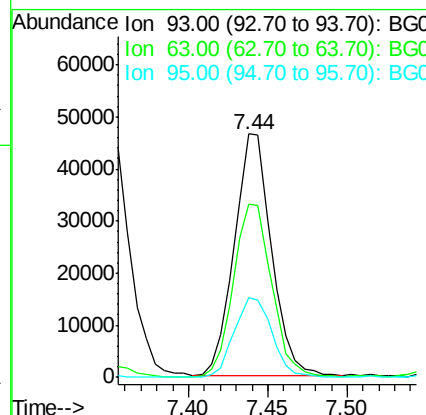
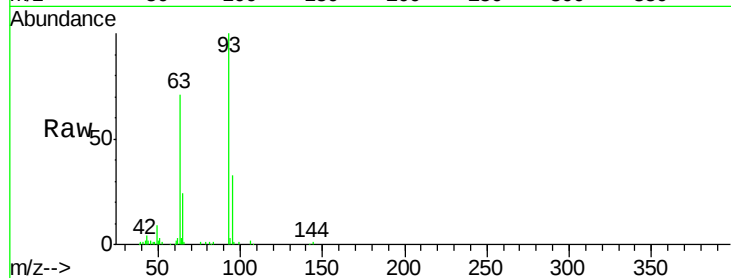




#11
 bis(2-Chloroethyl)ether
 Concen: 35.893 ng
 RT: 7.44 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

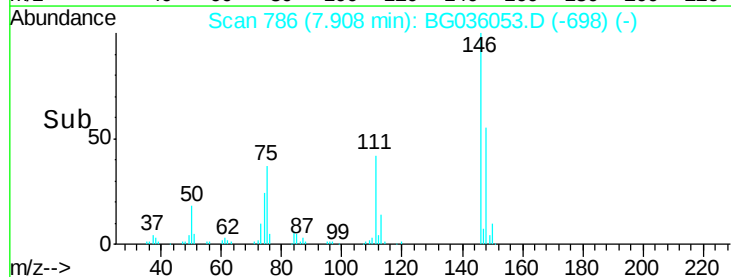
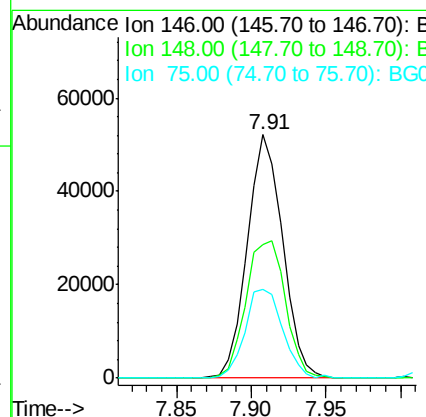
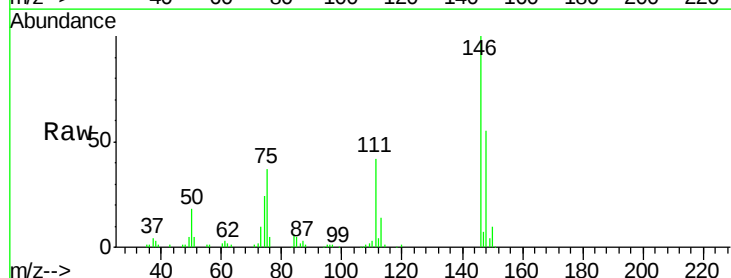
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

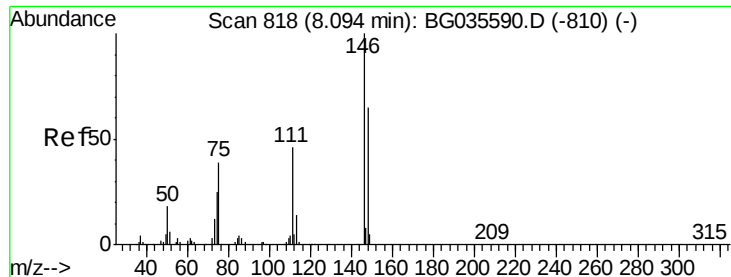
Tgt Ion: 93 Resp: 75351
 Ion Ratio Lower Upper
 93 100
 63 71.1 67.1 107.1
 95 32.6 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 39.025 ng
 RT: 7.91 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion: 146 Resp: 85237
 Ion Ratio Lower Upper
 146 100
 148 54.8 51.4 77.2
 75 36.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 38.909 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

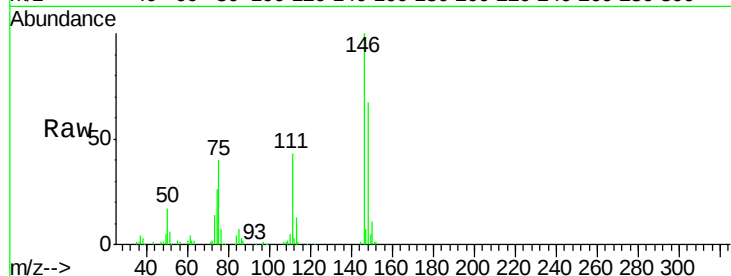
Tgt Ion:146 Resp: 86347

Ion Ratio Lower Upper

146 100

148 67.4 53.7 80.5

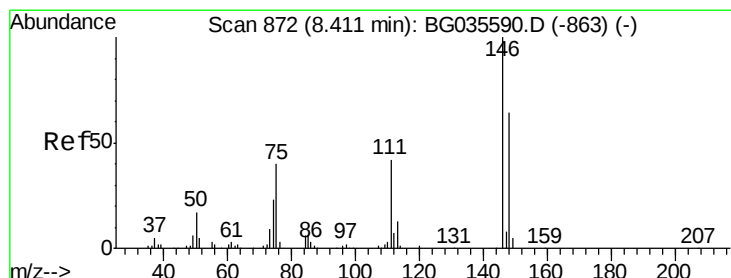
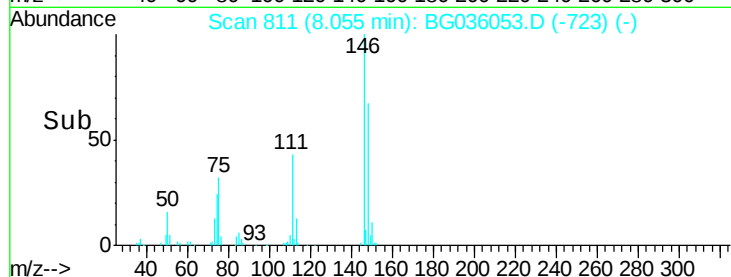
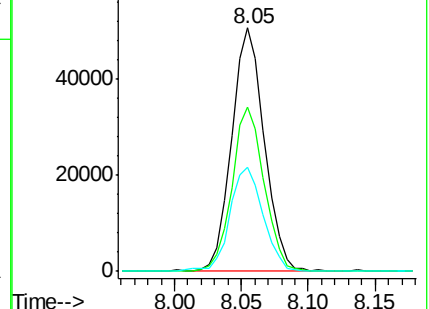
111 42.7 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.416 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

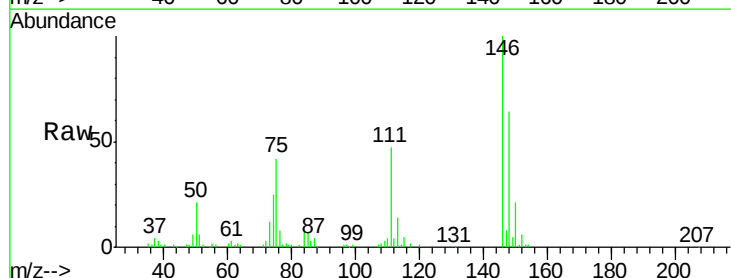
Tgt Ion:146 Resp: 84031

Ion Ratio Lower Upper

146 100

148 64.5 49.3 73.9

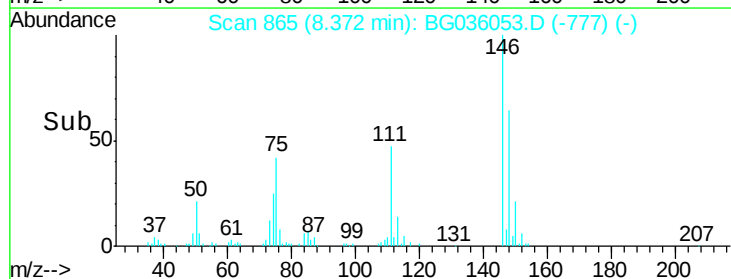
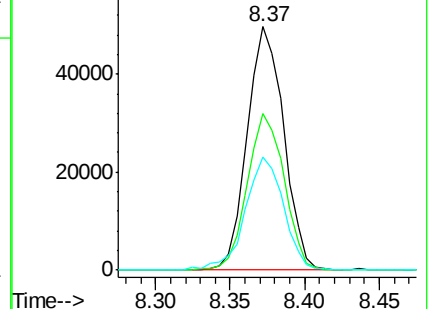
111 46.6 34.3 51.5

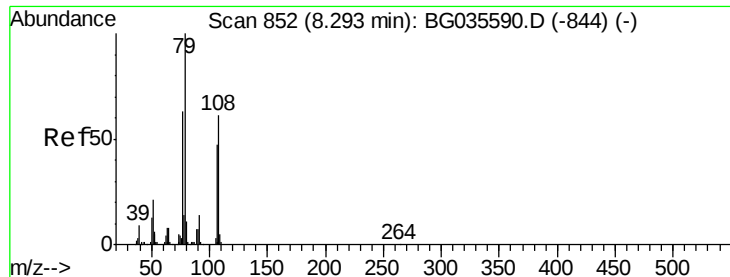


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.801 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

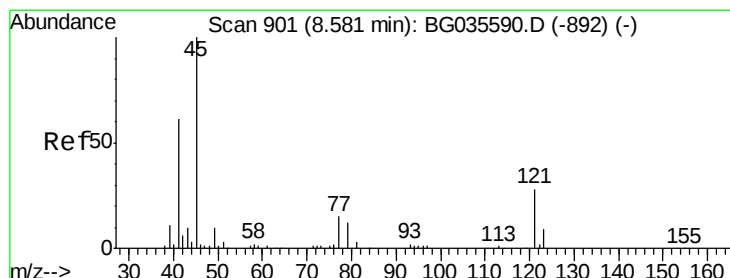
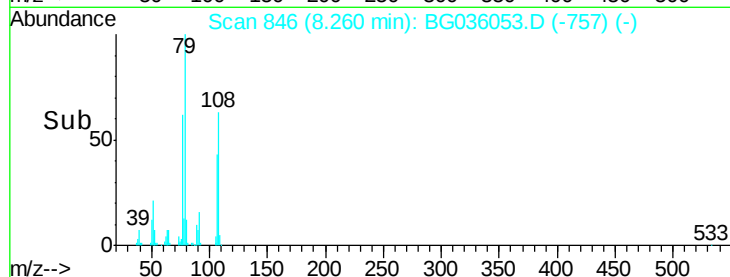
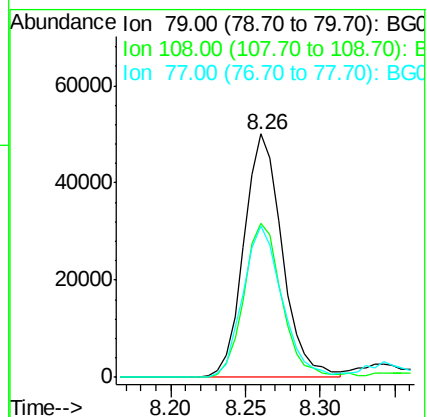
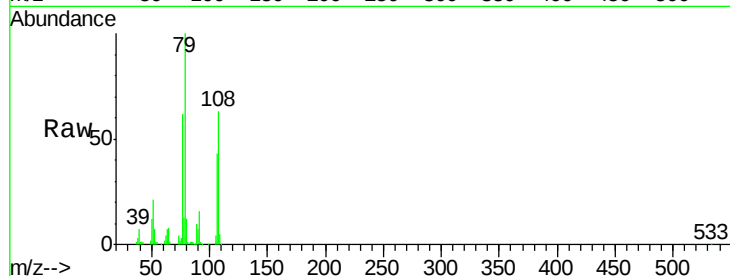
Tgt Ion: 79 Resp: 88669

Ion Ratio Lower Upper

79 100

108 63.1 57.2 85.8

77 62.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.772 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.02 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

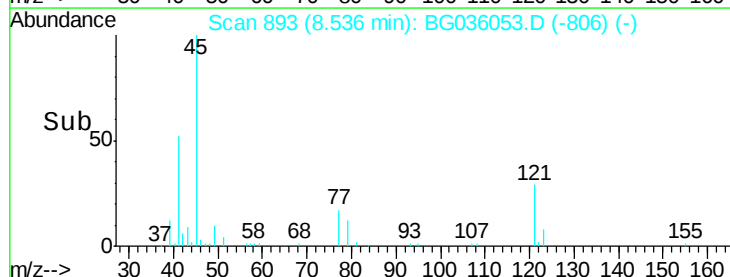
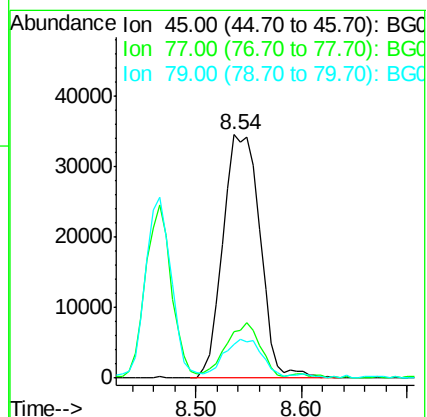
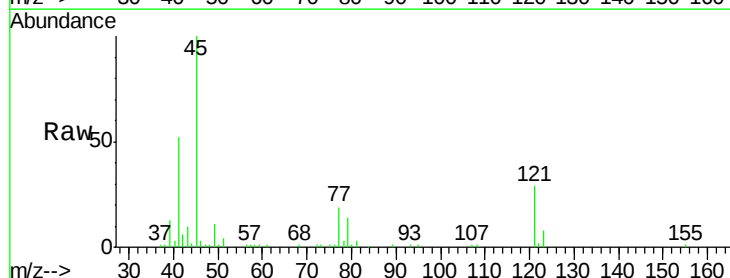
Tgt Ion: 45 Resp: 84080

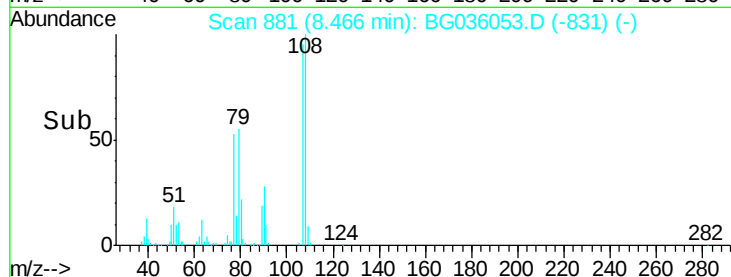
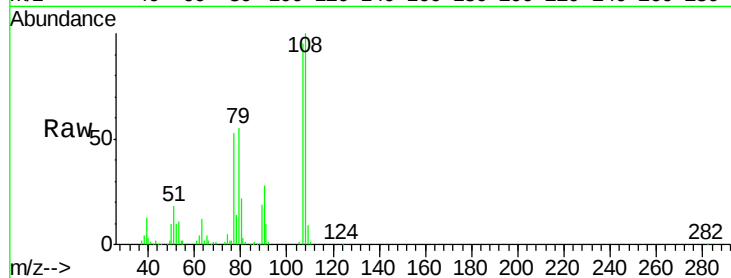
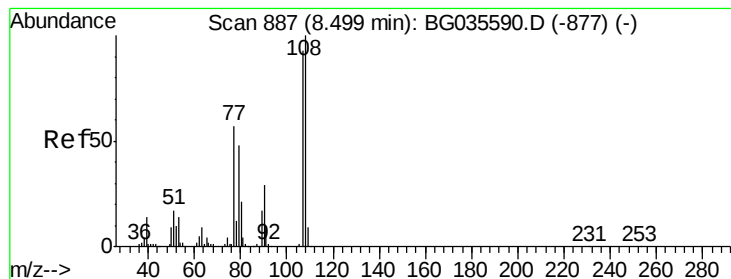
Ion Ratio Lower Upper

45 100

77 19.0 0.0 30.2

79 13.9 0.0 27.9





#17

2-Methylphenol

Concen: 41.147 ng

RT: 8.47 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

Tgt Ion:107 Resp: 74992

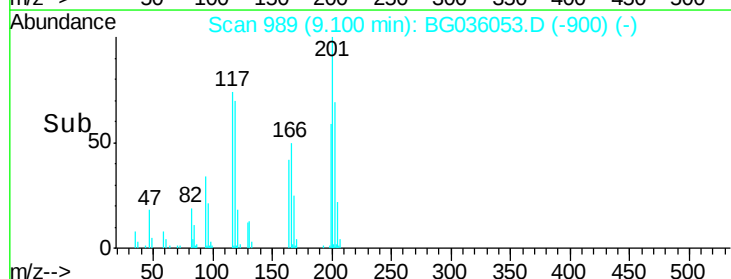
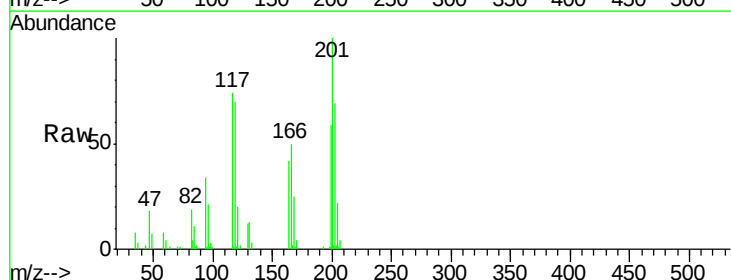
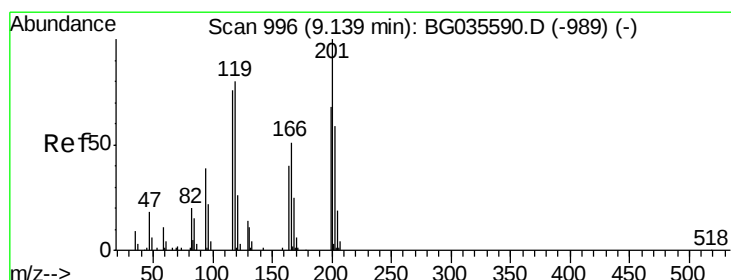
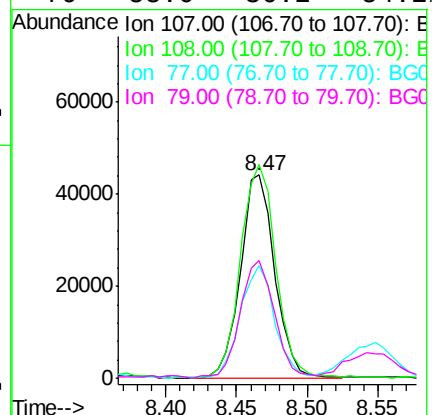
Ion Ratio Lower Upper

107 100

108 105.1 83.9 125.9

77 55.7 37.2 55.8

79 58.0 36.2 54.2#



#18

Hexachloroethane

Concen: 39.640 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

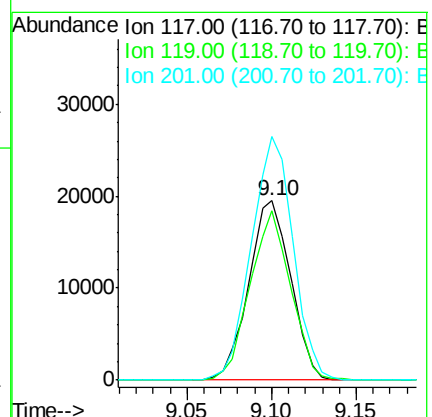
Tgt Ion:117 Resp: 33635

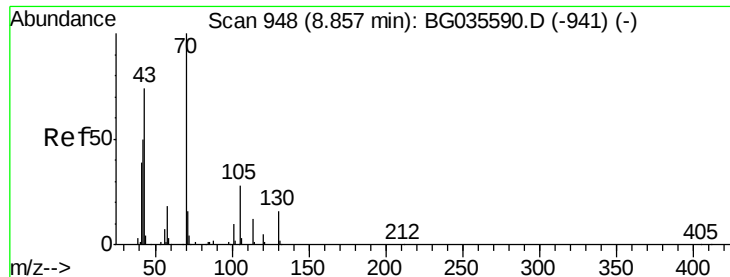
Ion Ratio Lower Upper

117 100

119 94.5 76.7 115.1

201 135.7 95.7 143.5

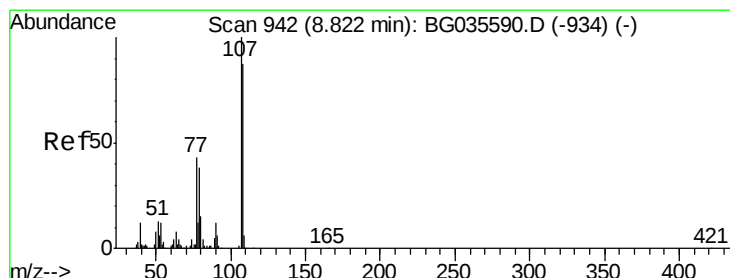
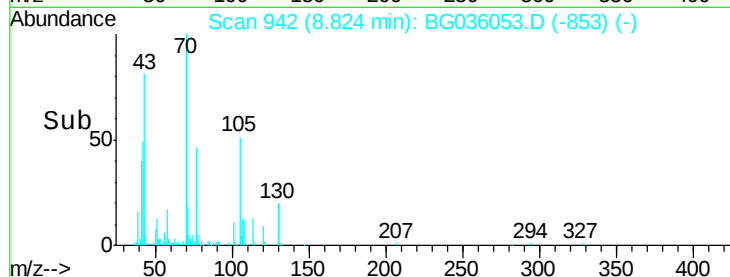
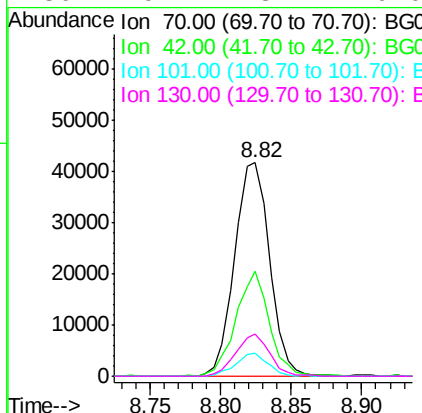
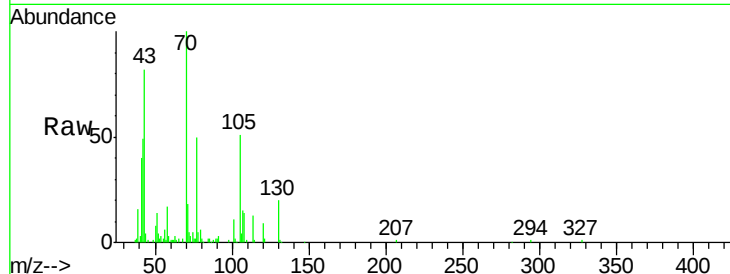




#19
n-Nitroso-di-n-propylamine
Concen: 32.340 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

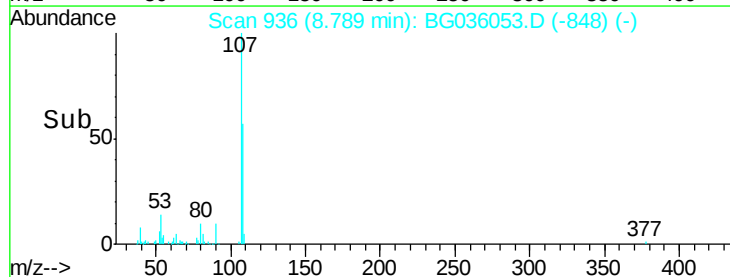
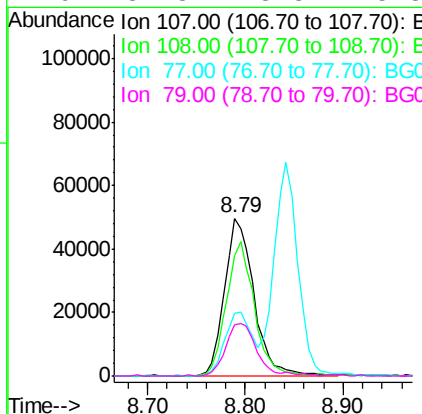
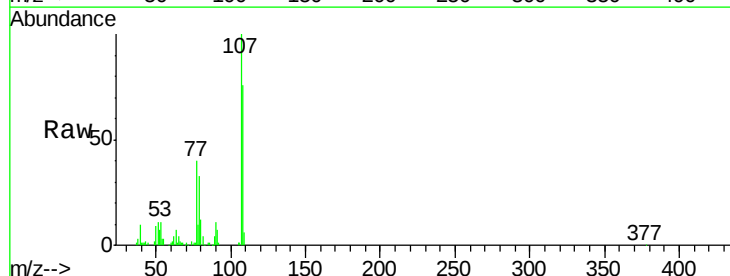
Instrument :
BNA_G
ClientSampleId :
PB111656BS

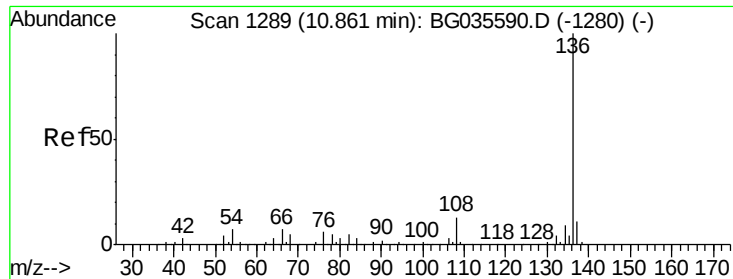
Tgt Ion:	70	Resp:	72257
Ion	Ratio	Lower	Upper
70	100		
42	49.2	49.1	73.7
101	10.8	8.5	12.7
130	19.7	13.4	20.0



#20
3+4-Methylphenols
Concen: 41.188 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion:	107	Resp:	104140
Ion	Ratio	Lower	Upper
107	100		
108	76.3	61.6	101.6
77	39.9	13.9	53.9
79	32.8	8.8	48.8

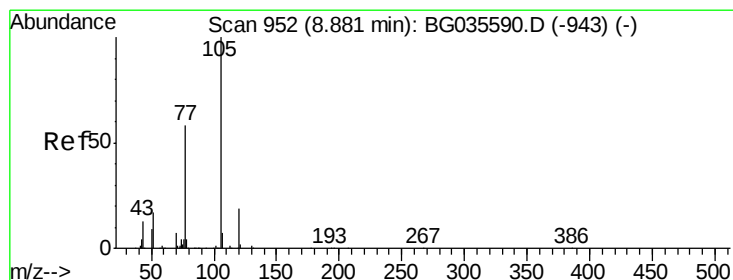
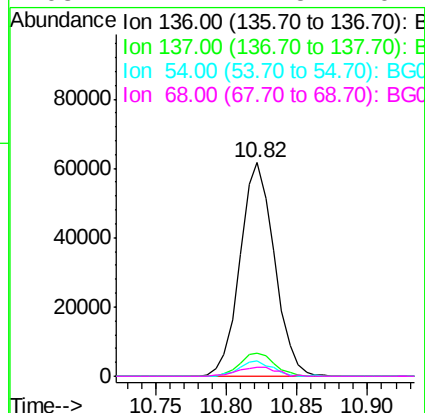
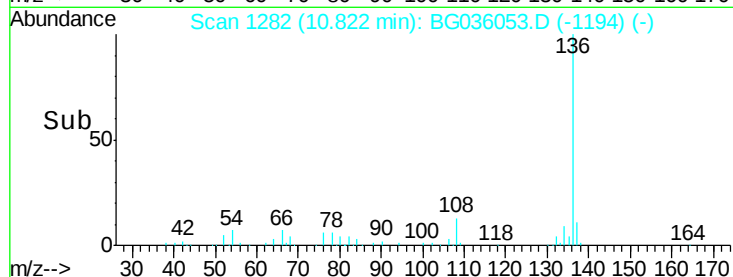
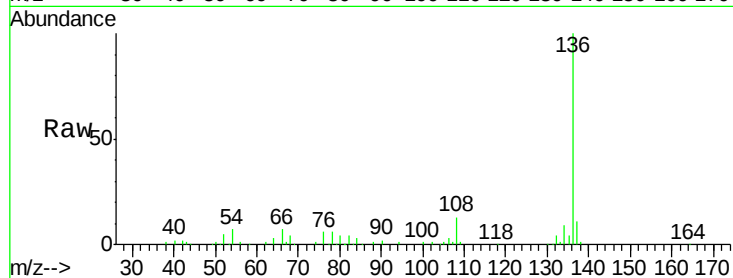




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

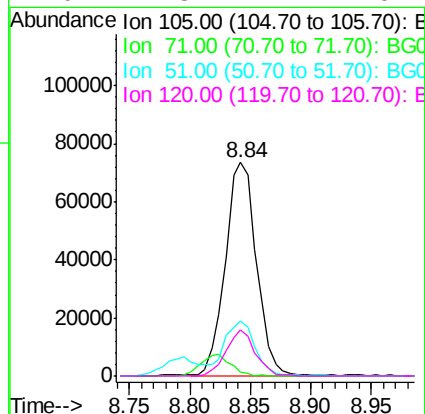
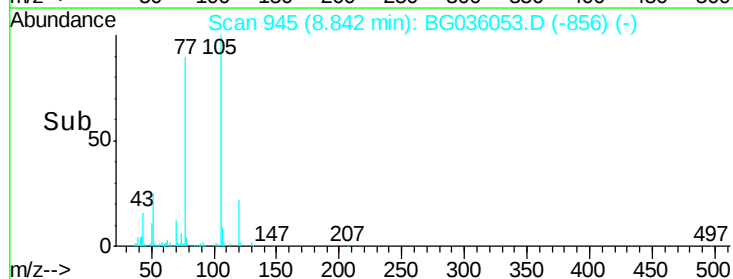
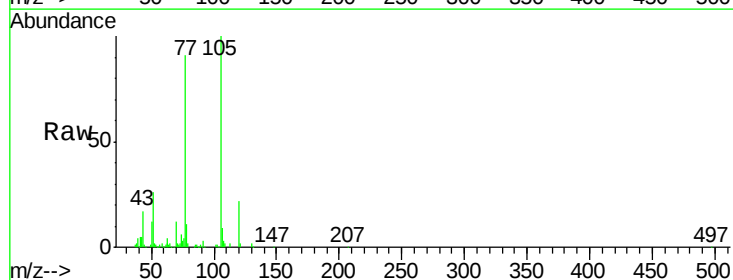
Instrument :
BNA_G
ClientSampleId :
PB111656BS

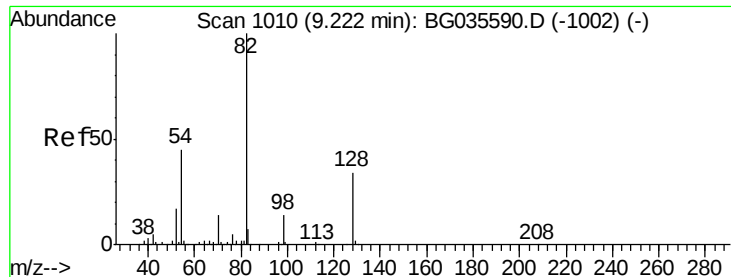
Tgt Ion:	136	Resp:	104851
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.1	10.3	15.5#
68	4.1	4.5	6.7#



#22
Acetophenone
Concen: 39.969 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion:	105	Resp:	130320
Ion	Ratio	Lower	Upper
105	100		
71	2.0	3.0	4.4#
51	26.1	26.1	39.1#
120	21.8	17.4	26.2

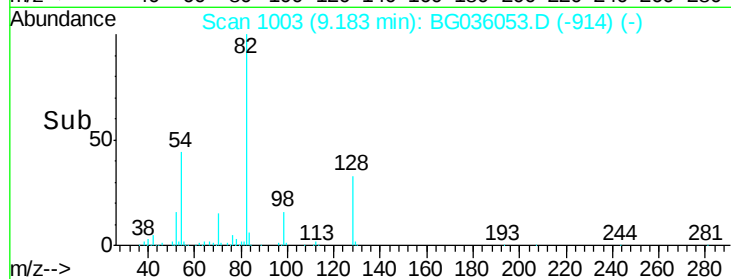
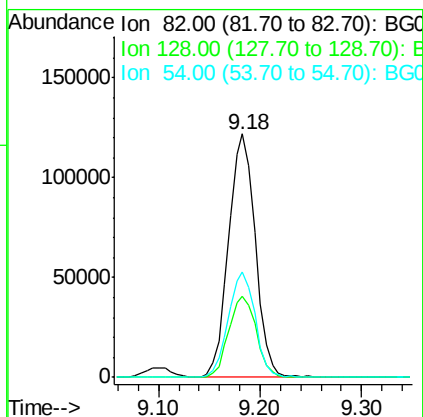
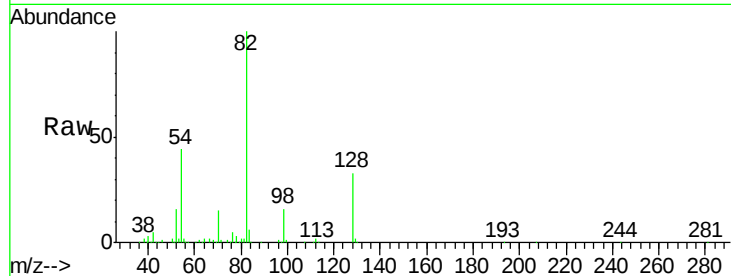




#23
 Nitrobenzene-d5
 Concen: 88.976 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

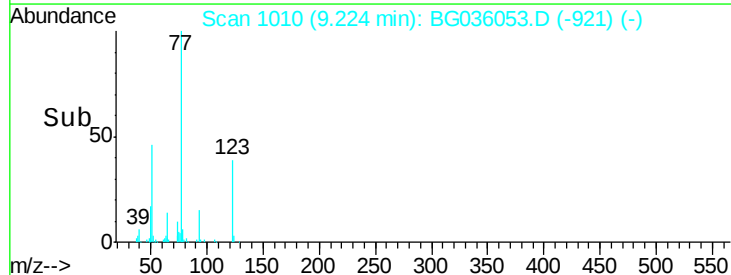
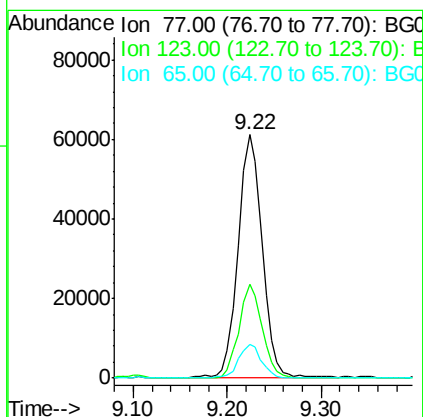
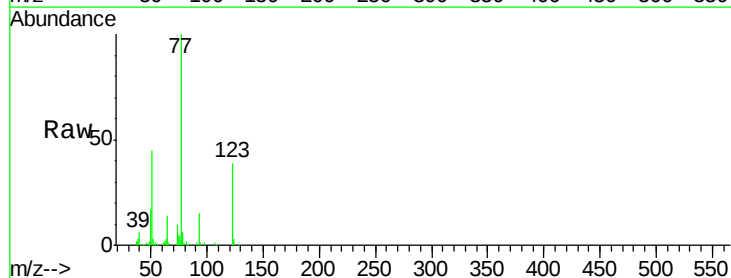
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

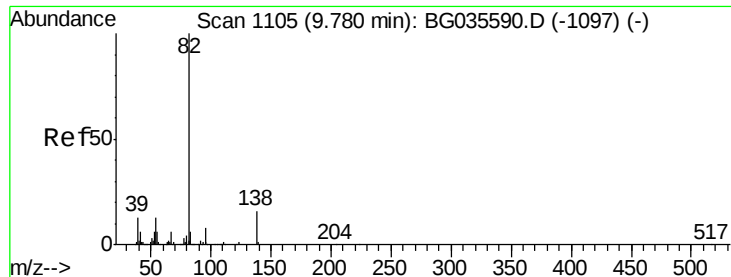
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.7	44.5
54	43.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 43.385 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	33.0	49.6
65	13.8	13.0	19.6

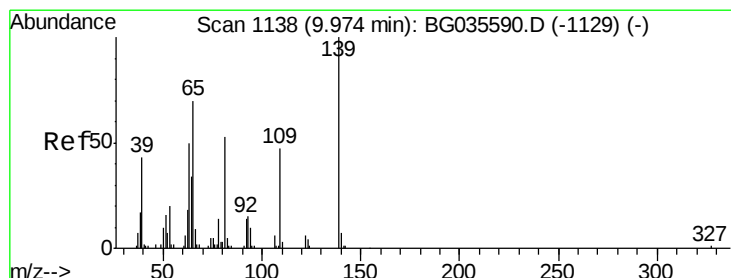
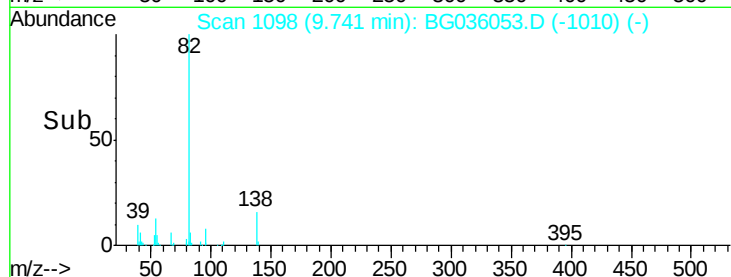
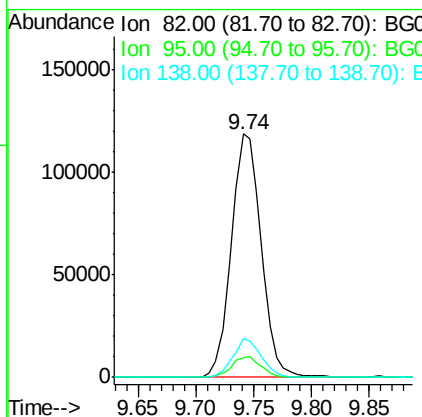
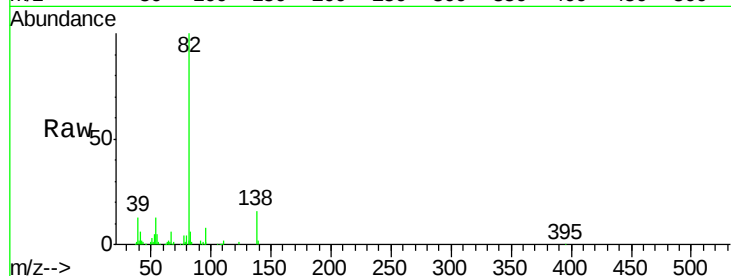




#25
Isophorone
Concen: 45.662 ng
RT: 9.74 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

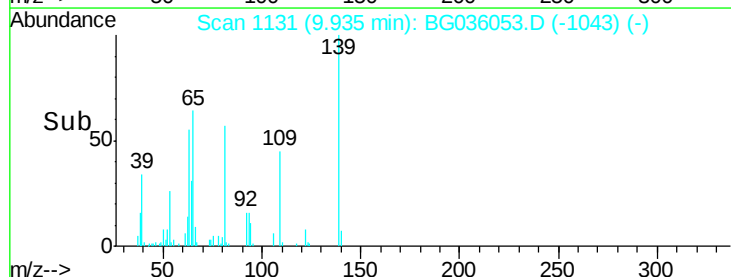
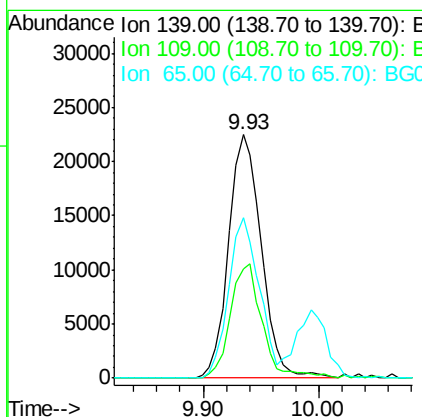
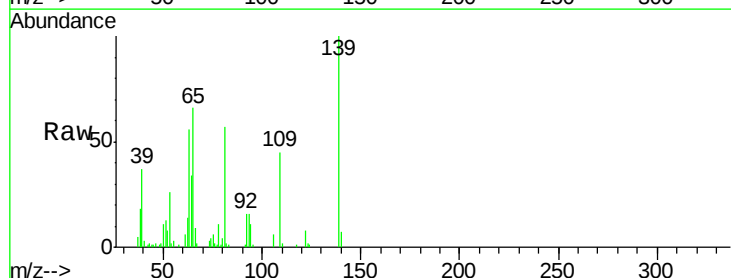
Instrument :
BNA_G
ClientSampleId :
PB111656BS

Tgt Ion: 82 Resp: 212752
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 16.0 12.1 18.1



#26
2-Nitrophenol
Concen: 49.453 ng
RT: 9.93 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion: 139 Resp: 44333
Ion Ratio Lower Upper
139 100
109 44.9 24.2 36.2#
65 66.0 47.4 71.0

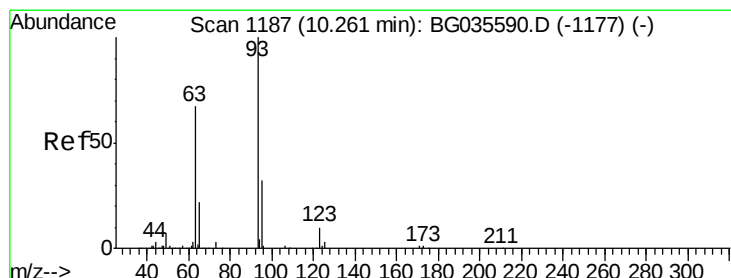
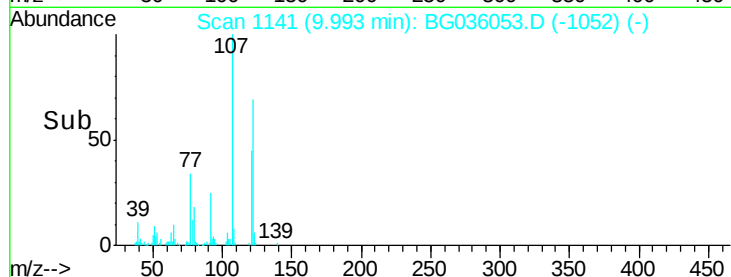
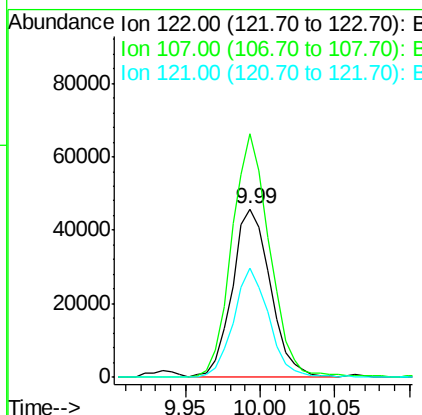
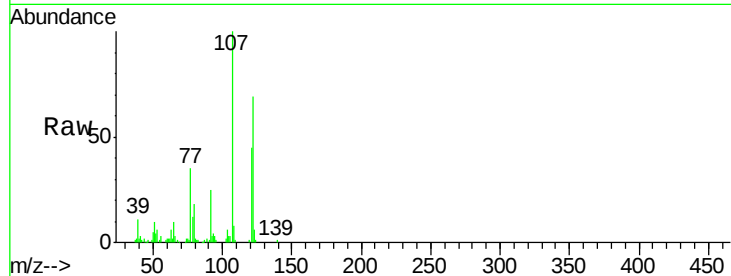




#27
2,4-Dimethylphenol
Concen: 53.411 ng
RT: 9.99 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

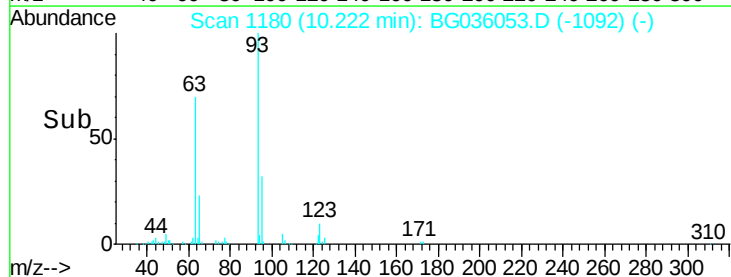
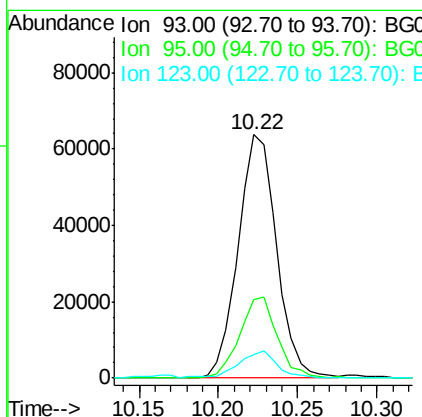
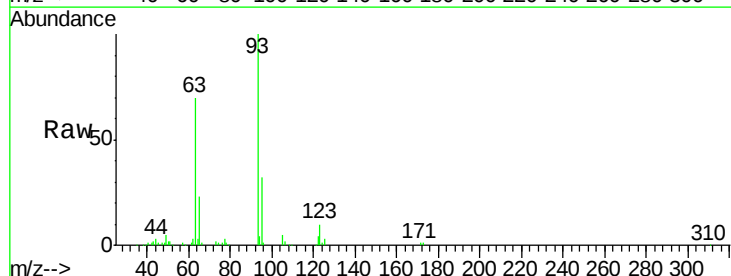
Instrument :
BNA_G
ClientSampleId :
PB111656BS

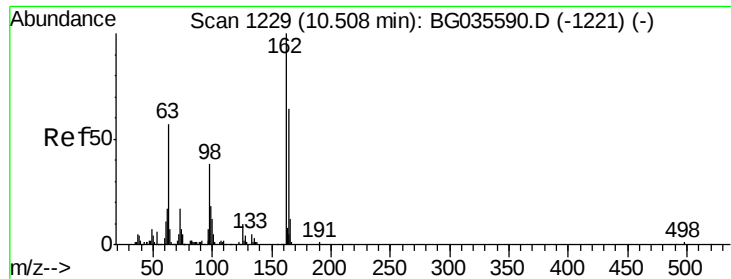
Tgt Ion	Ratio	Lower	Upper
122	100		
107	144.7	100.2	150.2
121	65.2	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.907 ng
RT: 10.22 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	9.7	8.4	12.6

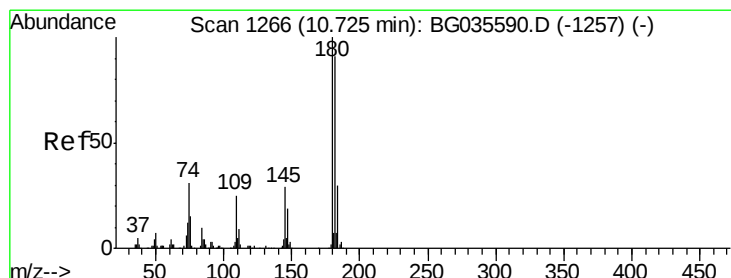
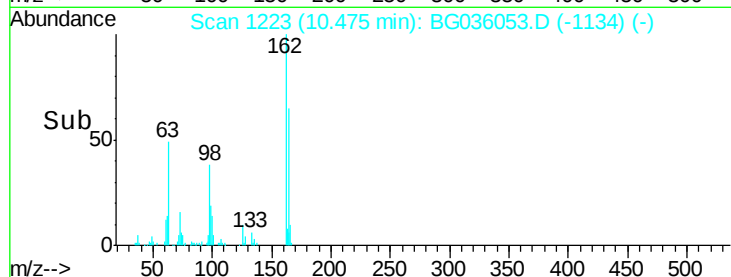
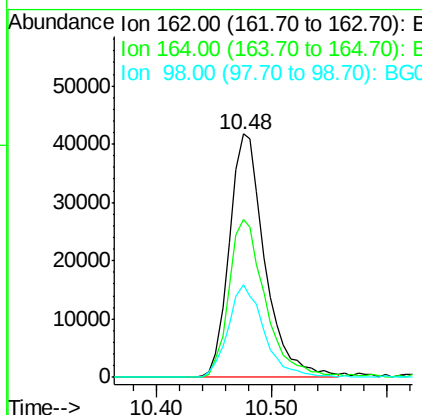
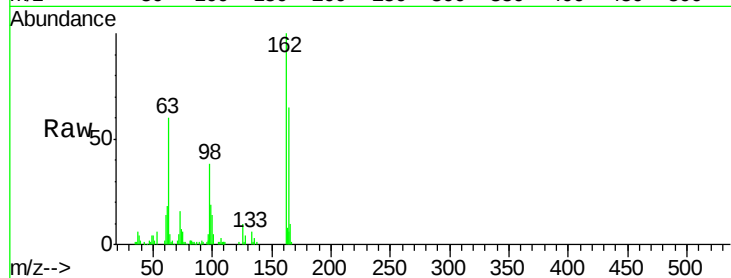




#29
 2,4-Dichlorophenol
 Concen: 51.365 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

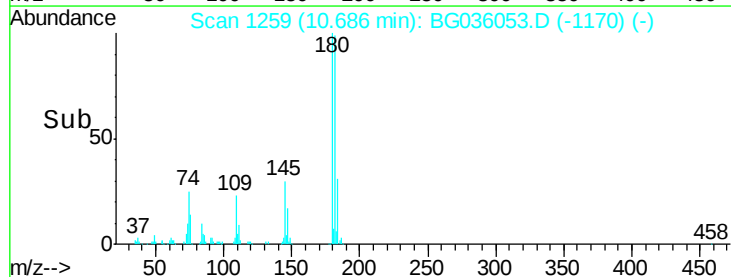
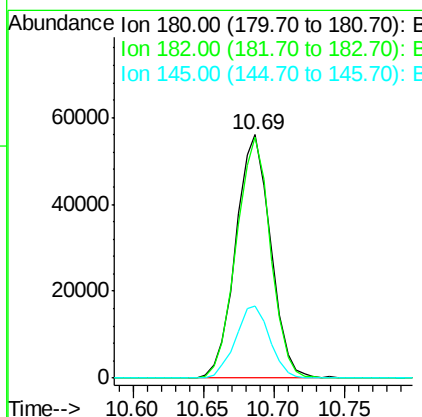
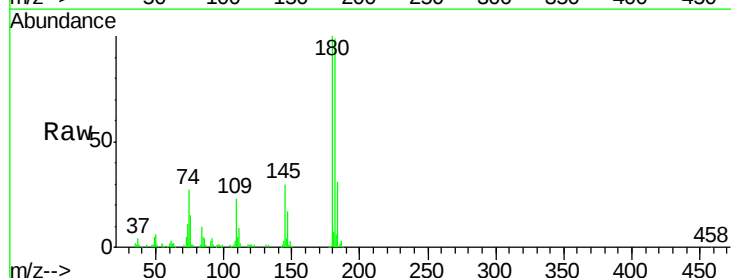
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion:162 Resp: 88976
 Ion Ratio Lower Upper
 162 100
 164 65.0 48.0 88.0
 98 38.1 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.403 ng
 RT: 10.69 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion:180 Resp: 96440
 Ion Ratio Lower Upper
 180 100
 182 99.0 77.5 116.3
 145 29.5 23.4 35.2

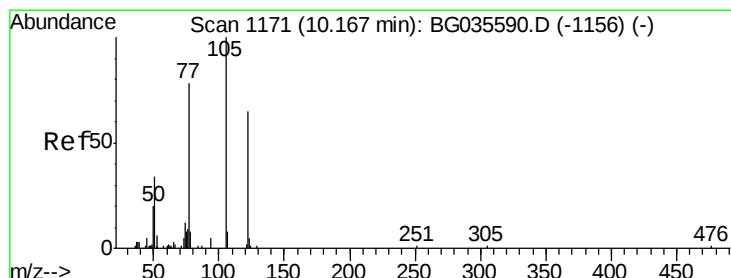
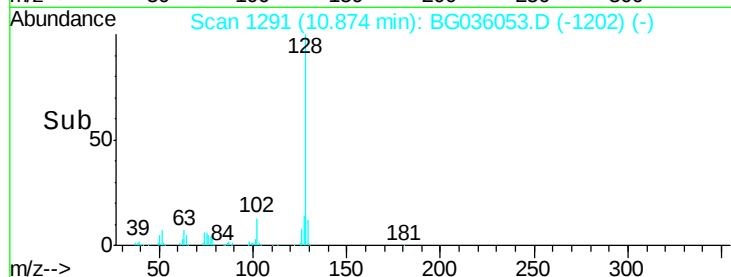
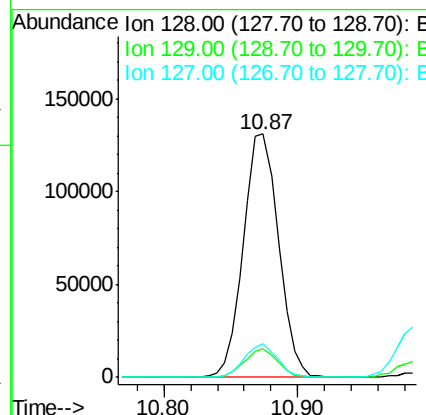
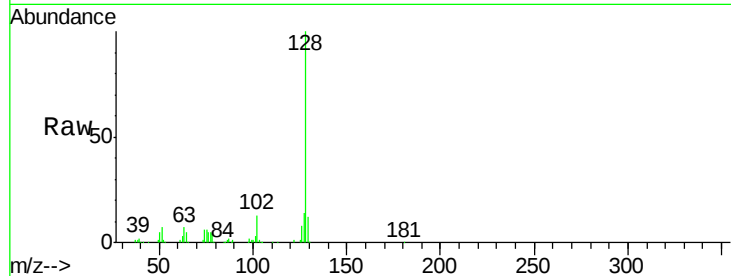




#31
Naphthalene
Concen: 43.866 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

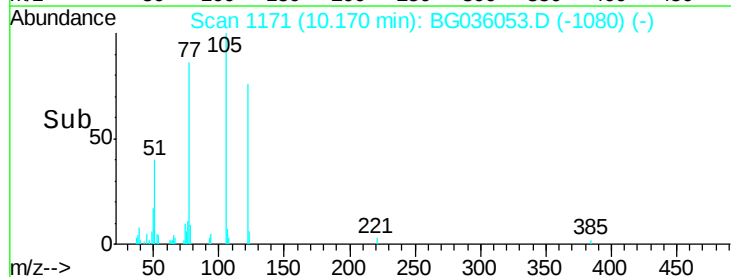
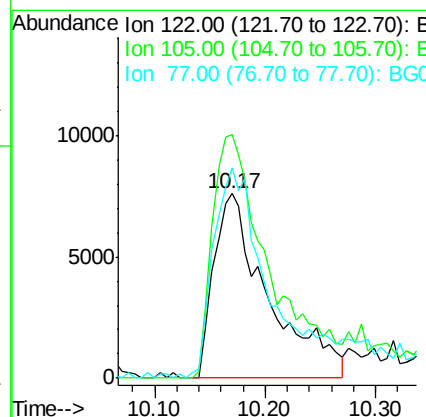
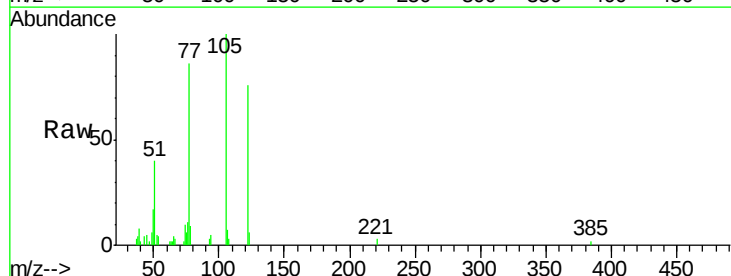
Instrument :
BNA_G
ClientSampleId :
PB111656BS

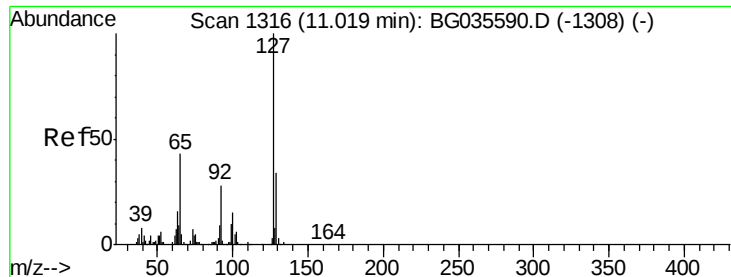
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.6	11.6	17.4



#32
Benzoic acid
Concen: 25.357 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	123.5	163.5
77	114.2	85.7	125.7

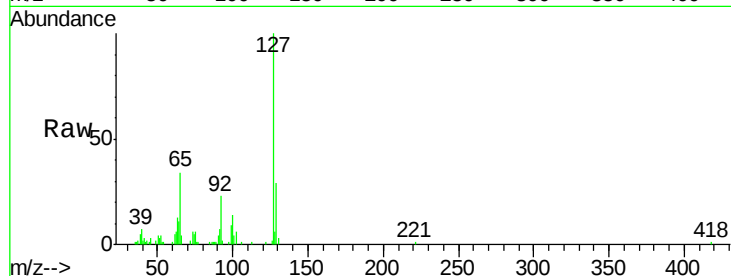




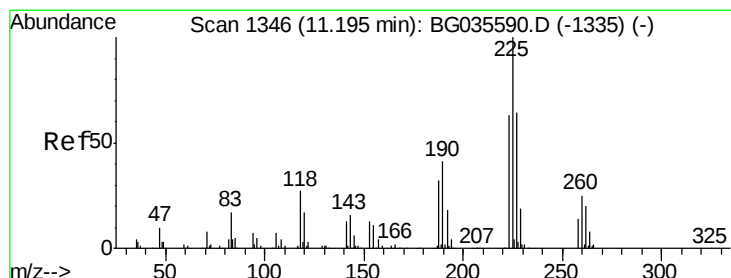
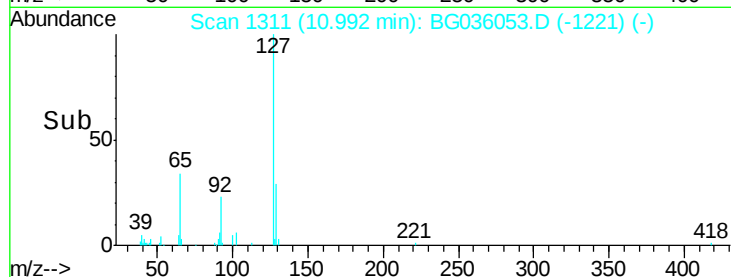
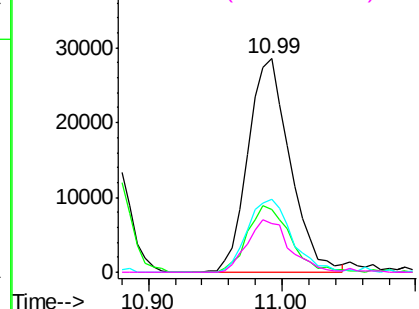
#33
4-Chloroaniline
Concen: 26.148 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Instrument :
BNA_G
ClientSampleId :
PB111656BS

Tgt Ion:127 Resp: 62246
Ion Ratio Lower Upper
127 100
129 29.3 24.0 36.0
65 33.9 27.0 40.4
92 23.0 16.6 25.0

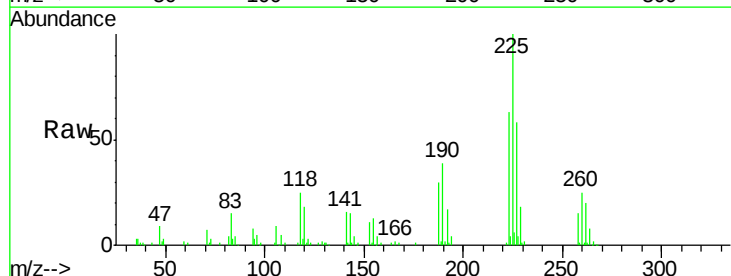


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

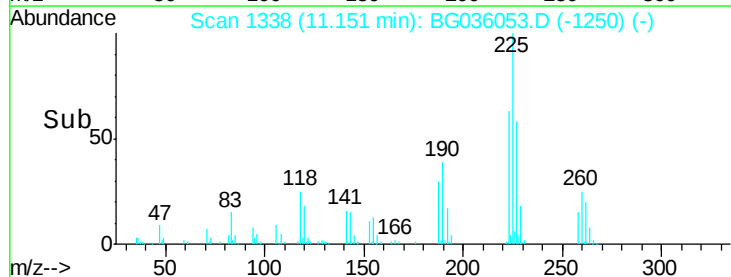
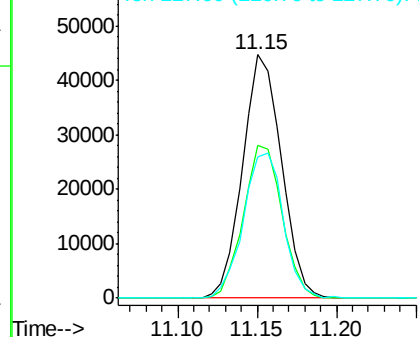


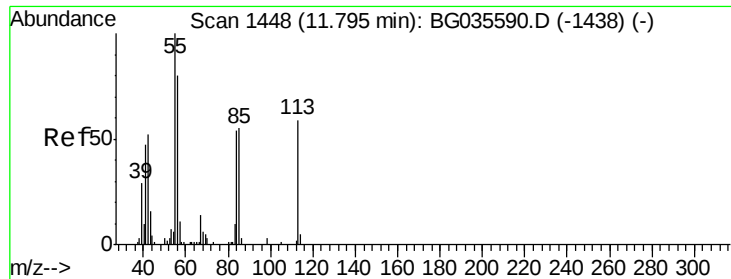
#34
Hexachlorobutadiene
Concen: 45.988 ng
RT: 11.15 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion:225 Resp: 76171
Ion Ratio Lower Upper
225 100
223 62.9 49.7 74.5
227 57.9 48.1 72.1



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





#35

Caprolactam

Concen: 27.872 ng

RT: 11.77 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

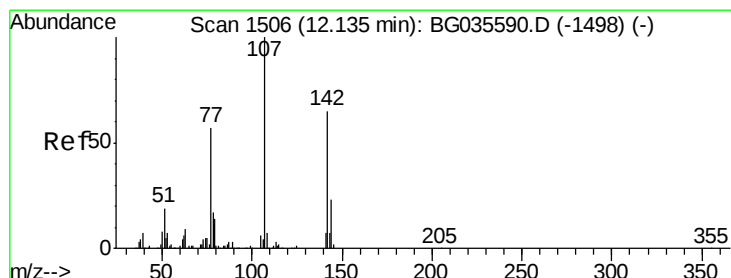
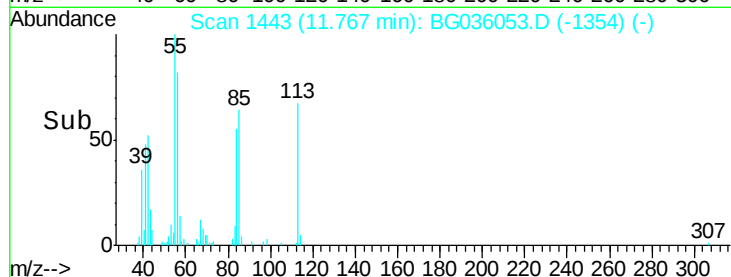
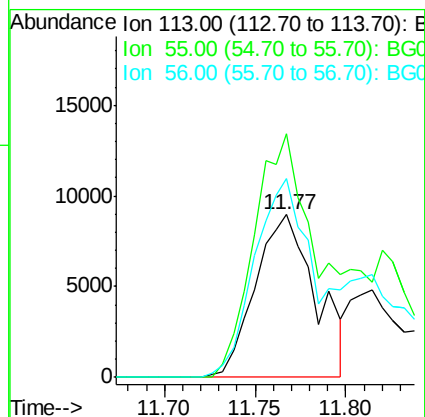
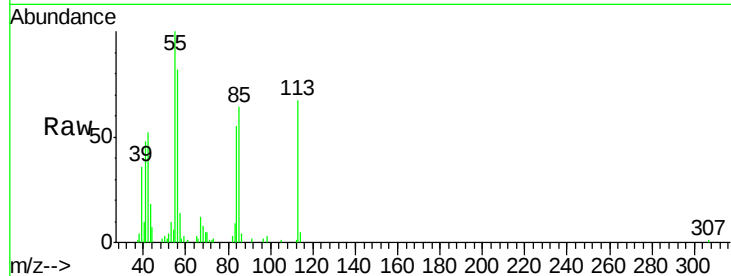
Tgt Ion:113 Resp: 20719

Ion Ratio Lower Upper

113 100

55 149.9 186.9 226.9#

56 122.6 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 51.157 ng

RT: 12.11 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

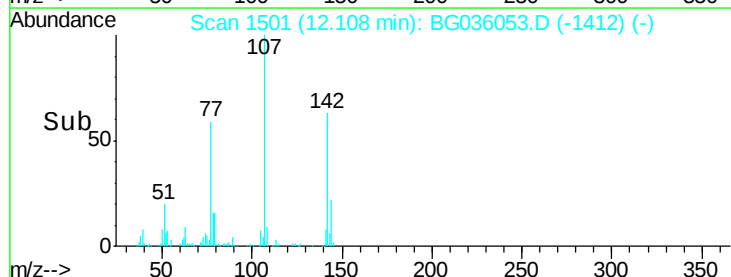
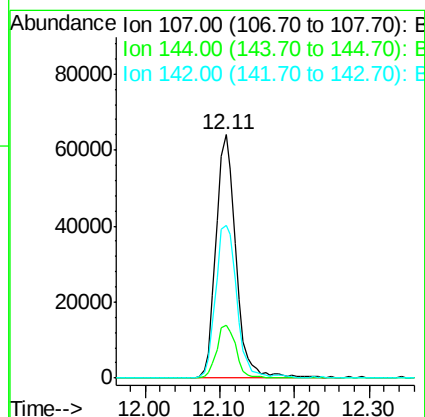
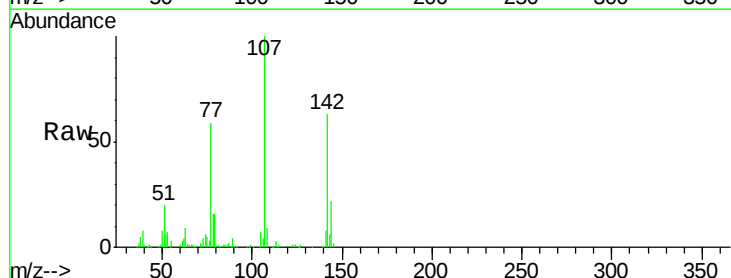
Tgt Ion:107 Resp: 118782

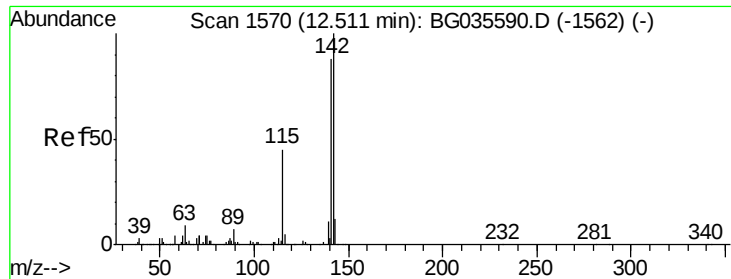
Ion Ratio Lower Upper

107 100

144 21.9 18.2 27.4

142 62.9 59.0 88.4

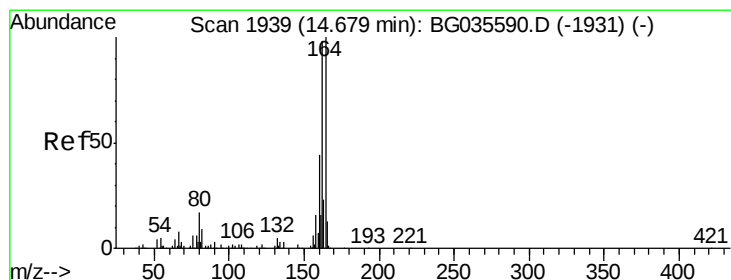
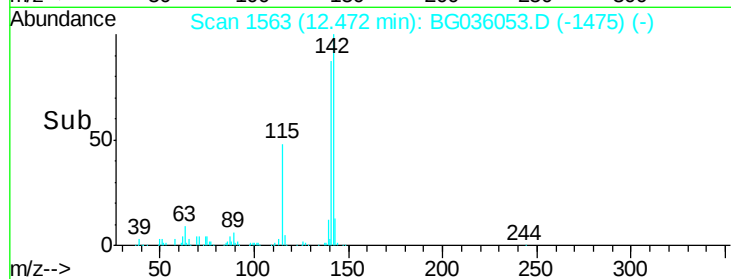
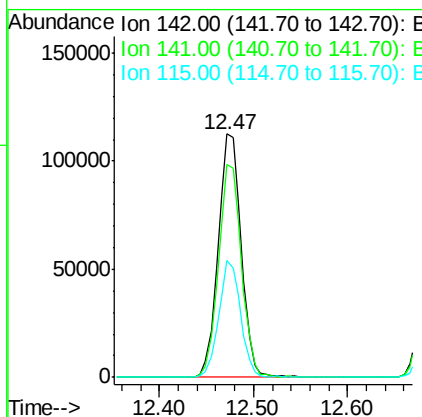
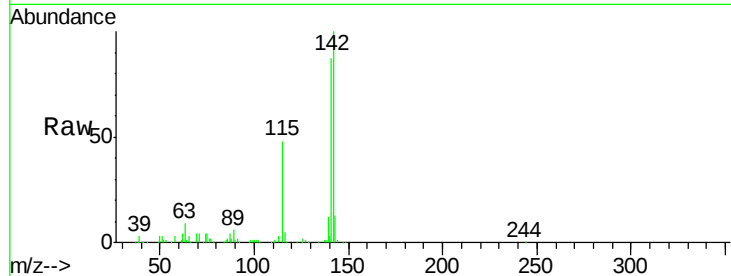




#37
 2-Methylnaphthalene
 Concen: 47.273 ng
 RT: 12.47 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

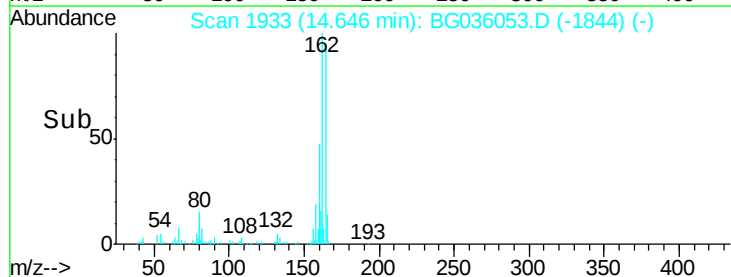
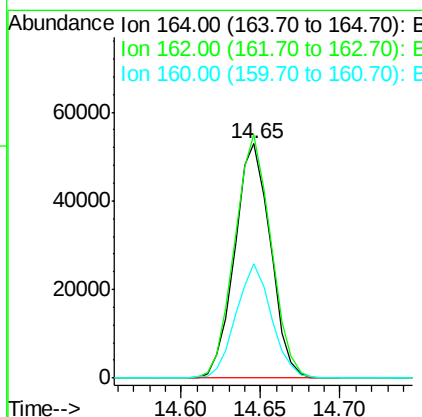
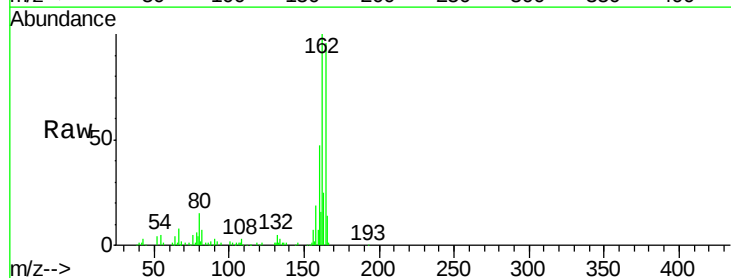
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	67.1	100.7
115	47.9	30.7	46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	48.7	35.4	53.0

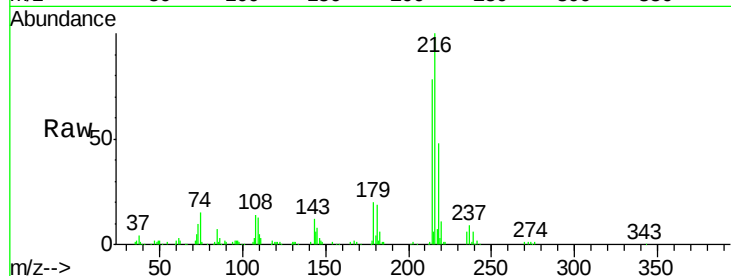




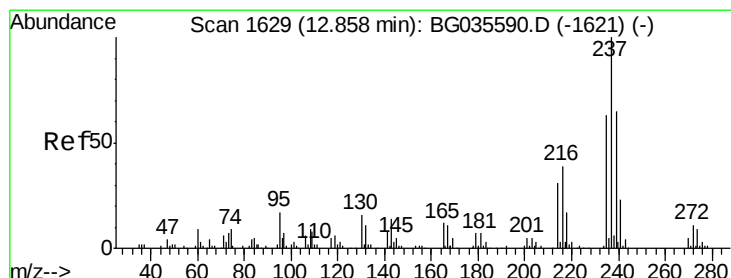
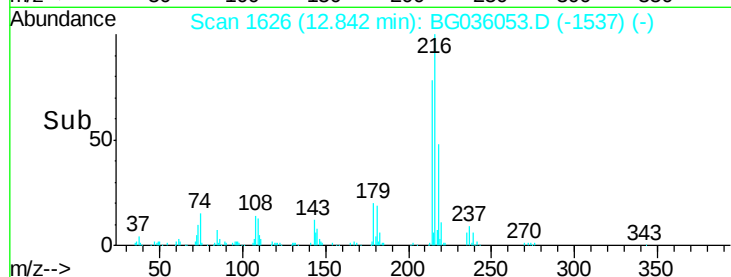
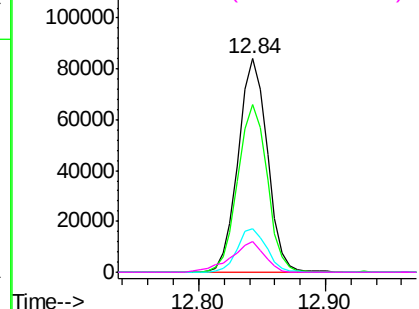
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.848 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion:	216	Resp:	133440
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.5	17.0	25.6
108	16.6	12.8	19.2

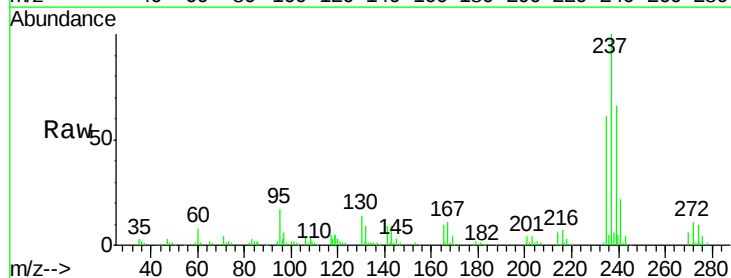


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

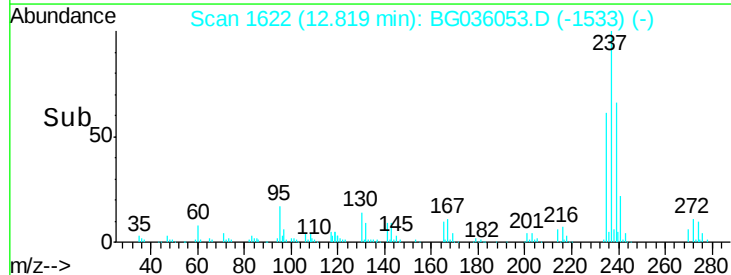
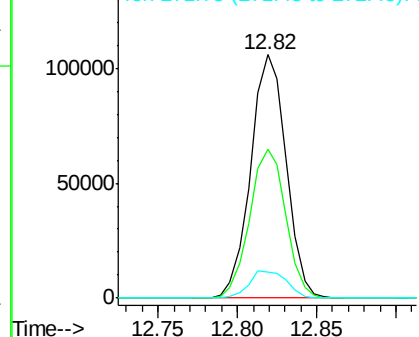


#40
 Hexachlorocyclopentadiene
 Concen: 100.879 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion:	237	Resp:	164762
Ion	Ratio	Lower	Upper
237	100		
235	61.1	50.4	90.4
272	10.7	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

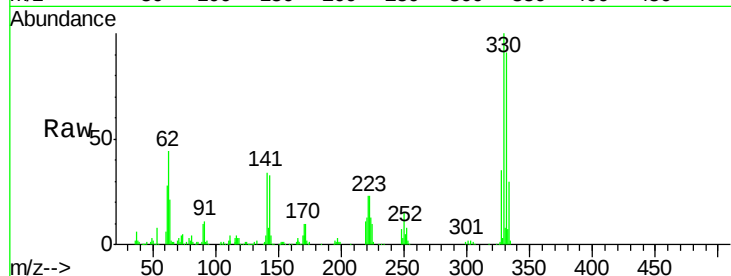




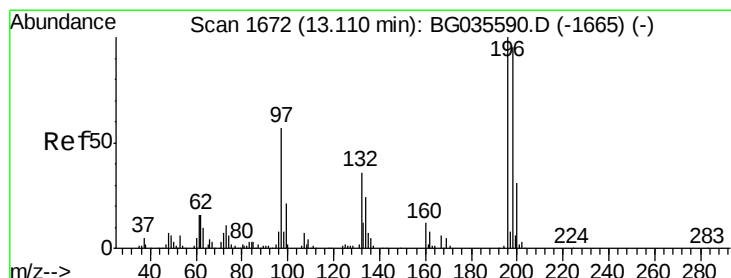
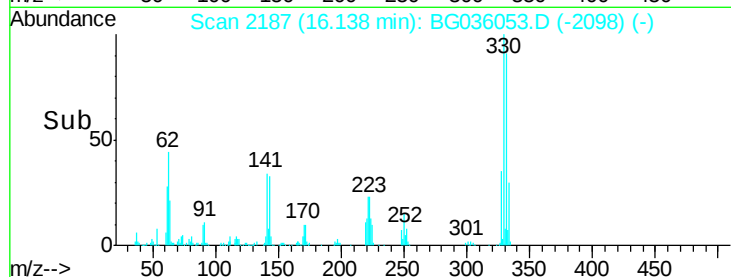
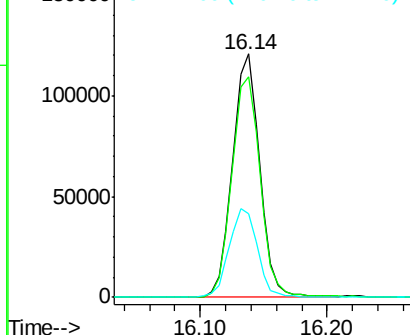
#41
 2,4,6-Tribromophenol
 Concen: 164.867 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion:330 Resp: 179303
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 37.8 25.2 37.8#

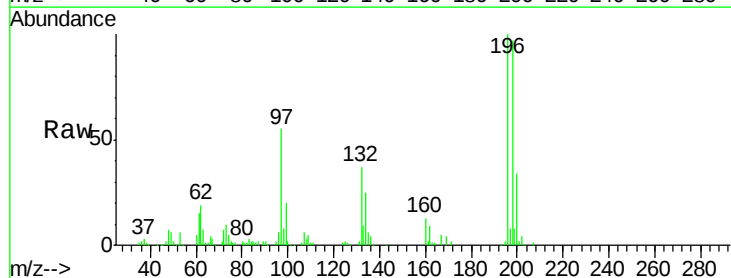


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

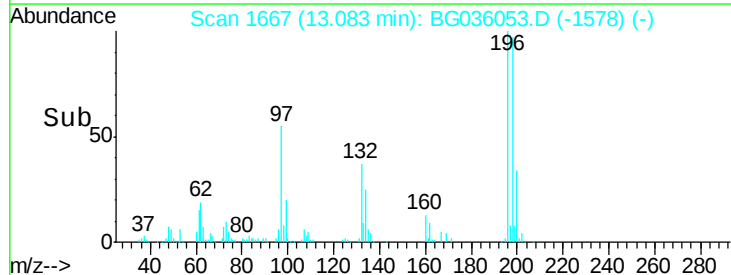
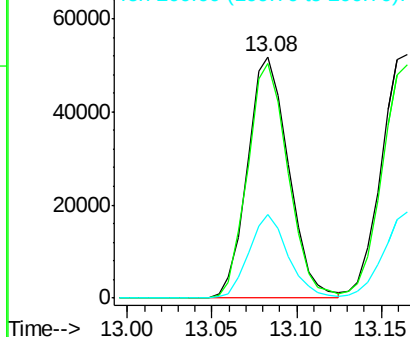


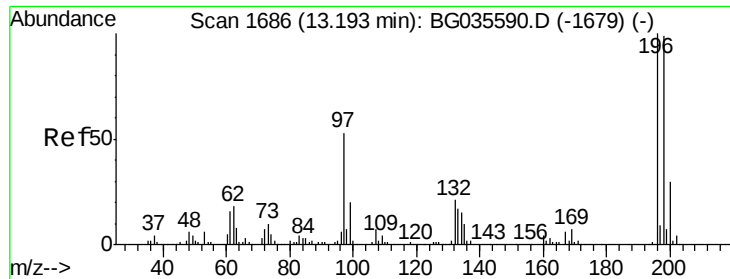
#42
 2,4,6-Trichlorophenol
 Concen: 48.014 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion:196 Resp: 87446
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.2 117.2
 200 34.5 24.6 36.8



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

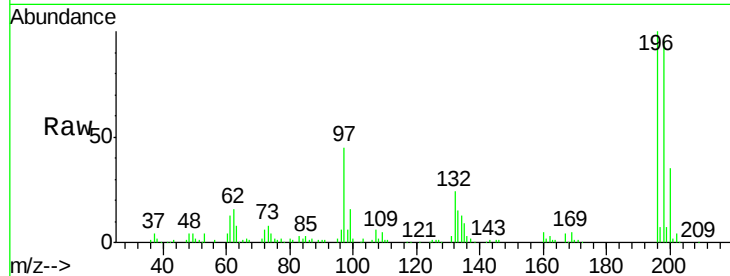




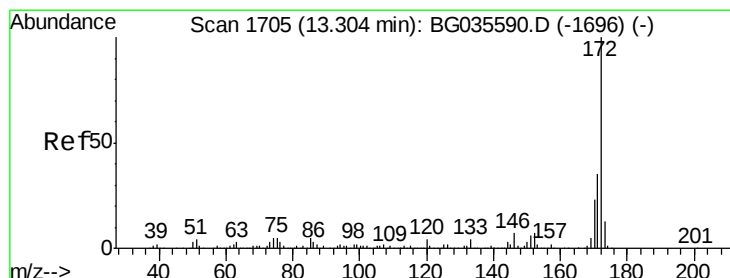
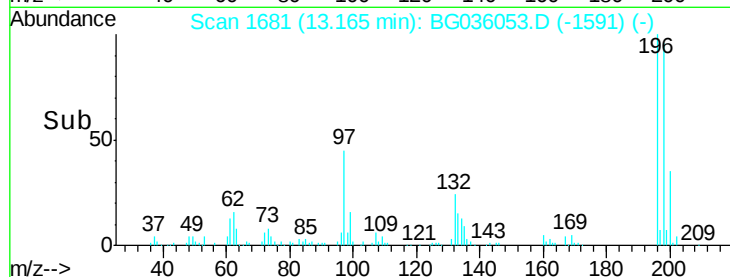
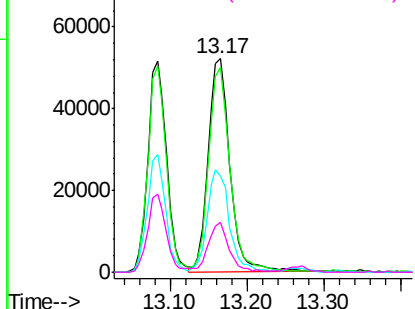
#43
 2,4,5-Trichlorophenol
 Concen: 49.583 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion	Resp	Lower	Upper
196	100		
198	95.8	76.2	114.4
97	45.2	38.7	58.1
132	23.6	20.2	30.2

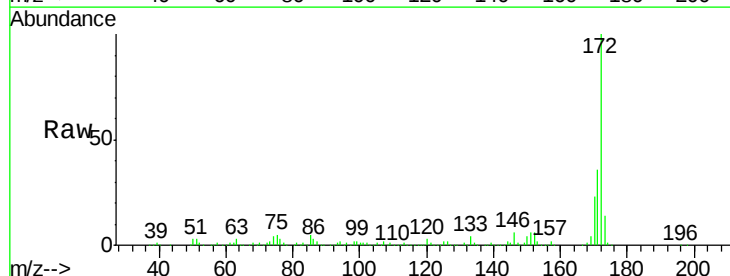


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

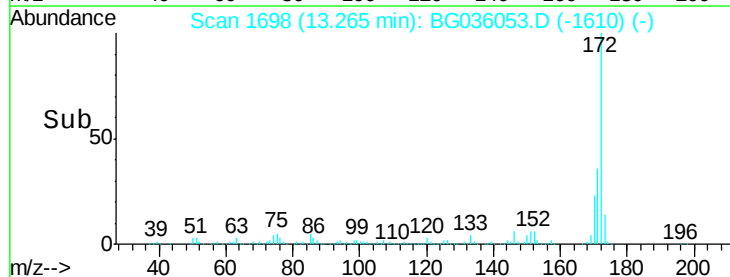
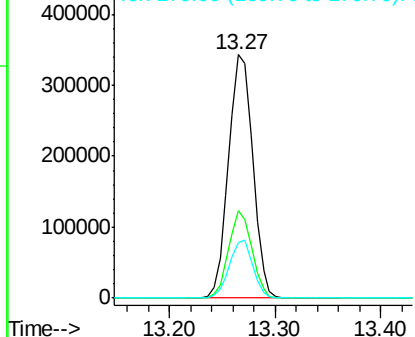


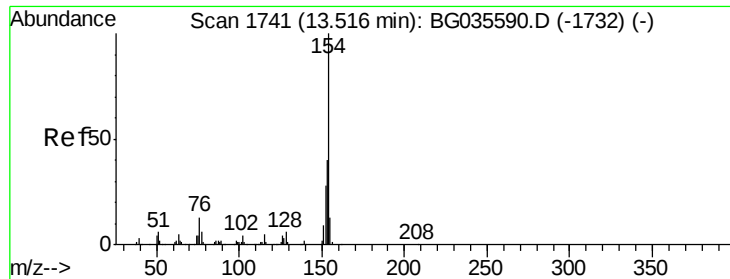
#44
 2-Fluorobiphenyl
 Concen: 88.515 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	22.7	19.5	29.3



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

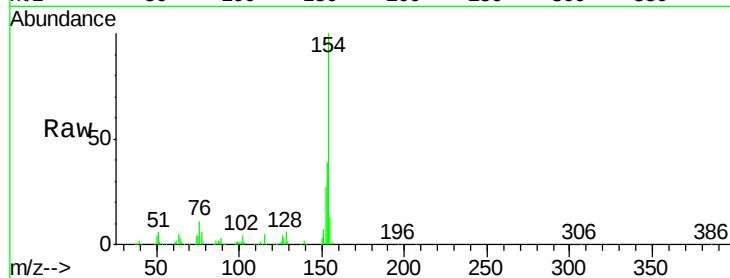




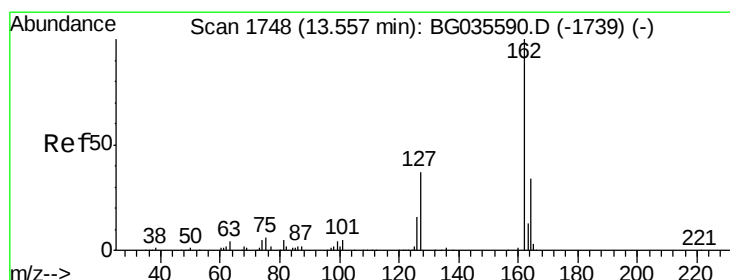
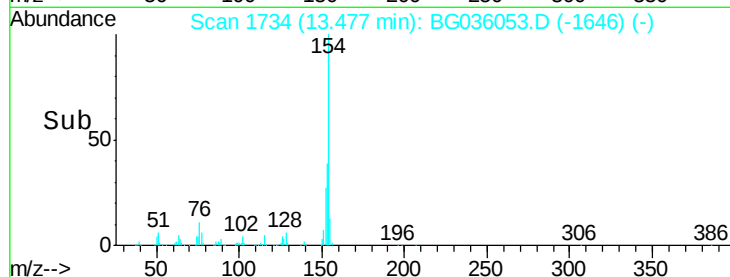
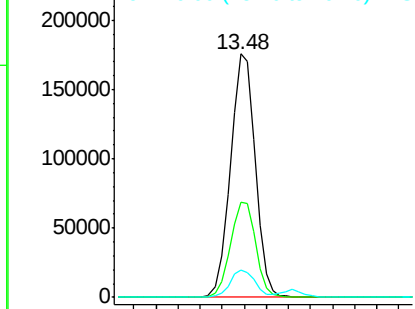
#45
 1,1'-Biphenyl
 Concen: 43.150 ng
 RT: 13.48 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.8	59.8
76	11.2	0.0	31.9

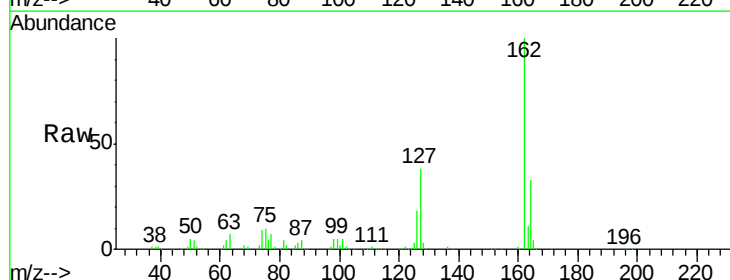


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

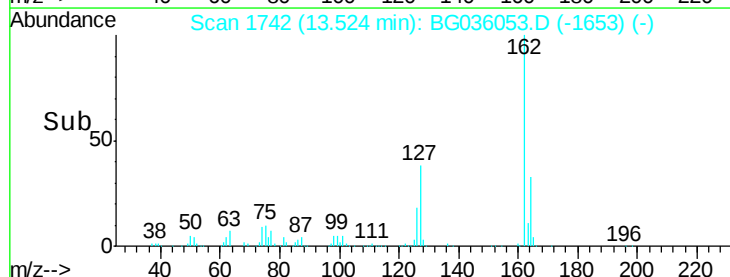
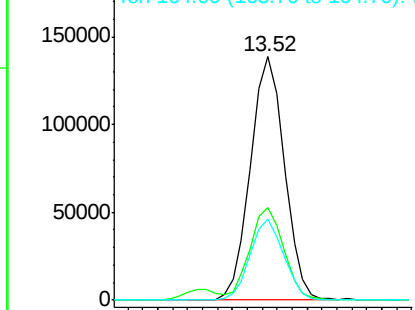


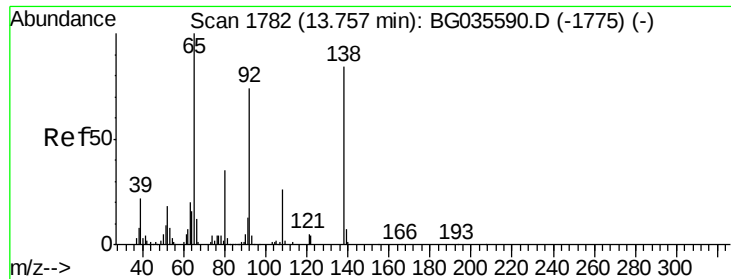
#46
 2-Chloronaphthalene
 Concen: 43.782 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.7	46.1
164	33.5	26.0	39.0



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

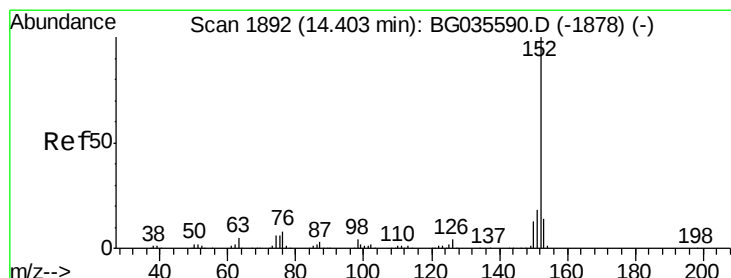
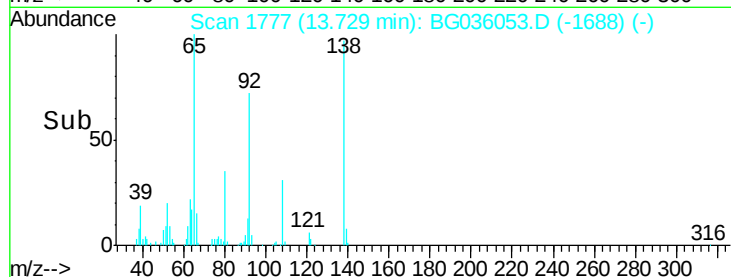
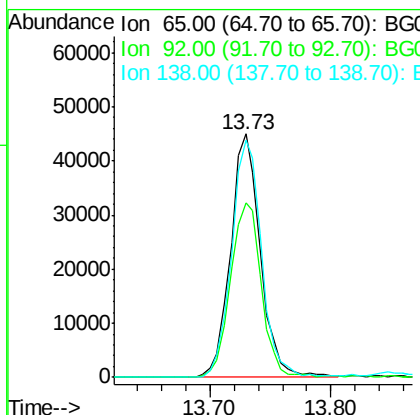
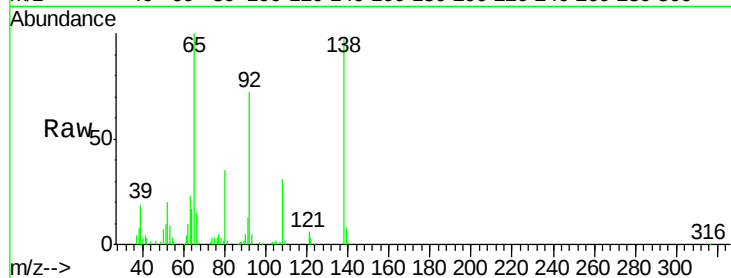




#47
2-Nitroaniline
Concen: 43.752 ng
RT: 13.73 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

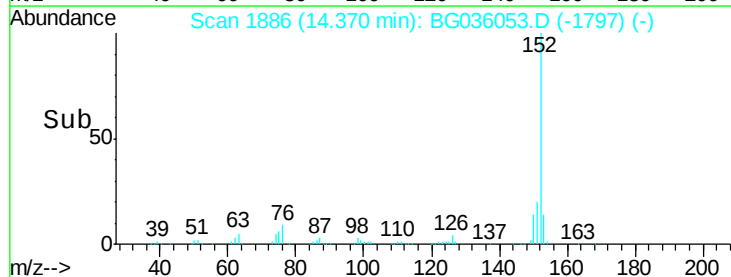
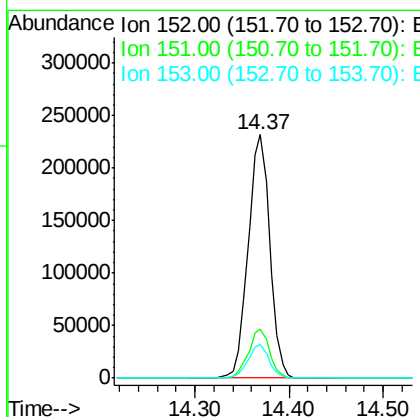
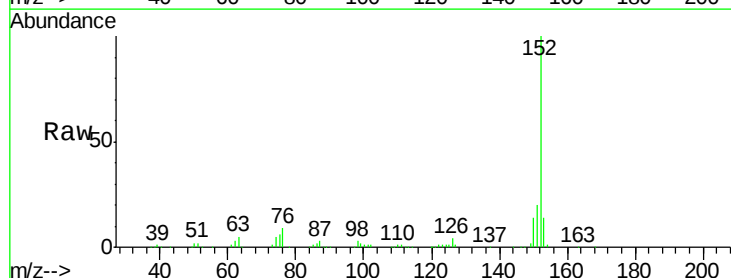
Instrument :
BNA_G
ClientSampleId :
PB111656BS

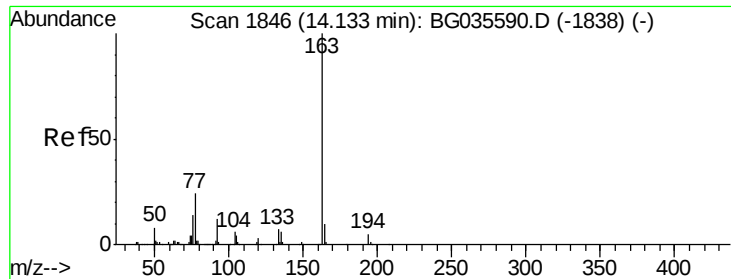
Tgt Ion: 65 Resp: 76966
Ion Ratio Lower Upper
65 100
92 71.9 54.6 82.0
138 97.2 72.9 109.3



#48
Acenaphthylene
Concen: 44.262 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion: 152 Resp: 368939
Ion Ratio Lower Upper
152 100
151 20.0 17.2 25.8
153 13.9 10.2 15.4

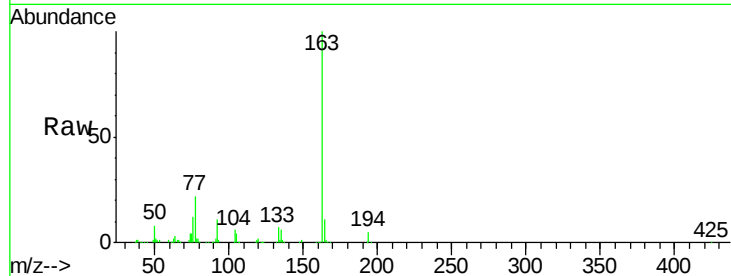




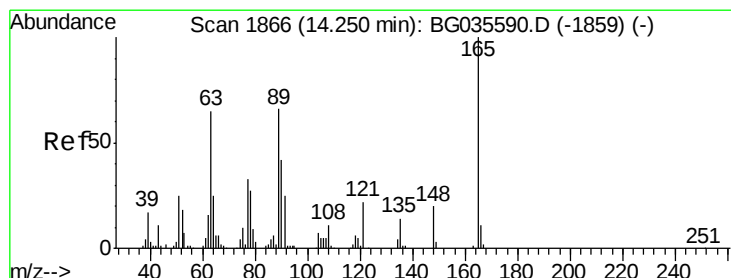
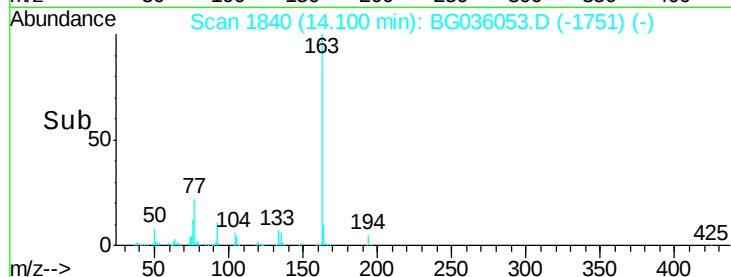
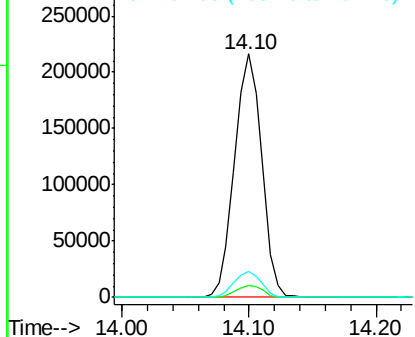
#49
Dimethylphthalate
Concen: 44.203 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Instrument :
BNA_G
ClientSampleId :
PB111656BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.6	8.2	12.4

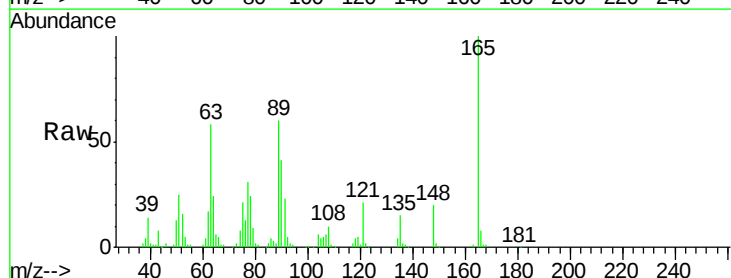


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

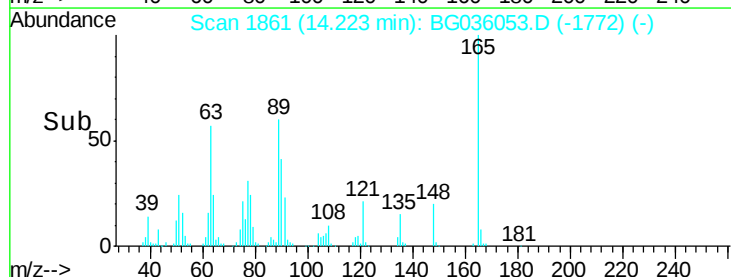
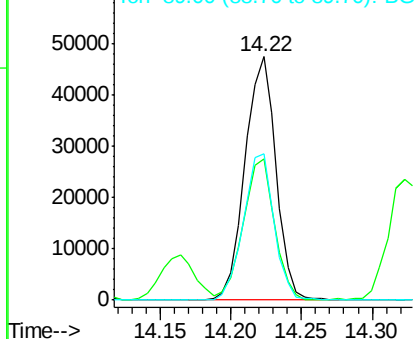


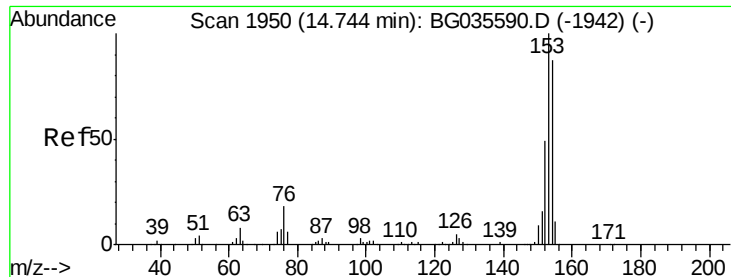
#50
2,6-Dinitrotoluene
Concen: 49.670 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.9	52.7	79.1
89	60.3	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: 41.953 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

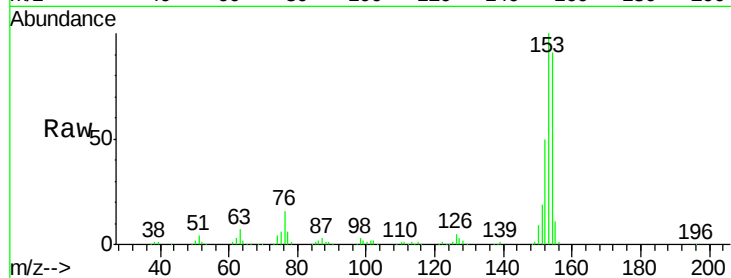
Tgt Ion:154 Resp: 217836

Ion Ratio Lower Upper

154 100

153 109.7 90.4 135.6

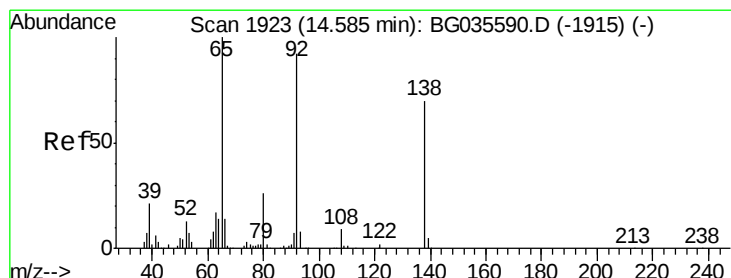
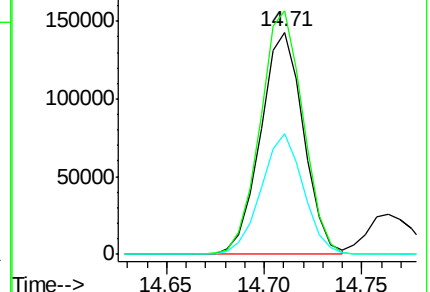
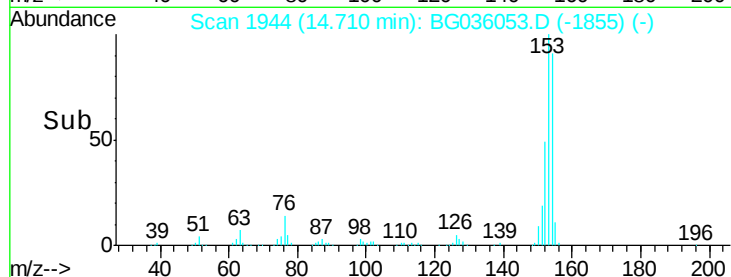
152 54.5 41.6 62.4



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: 31.857 ng

RT: 14.56 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

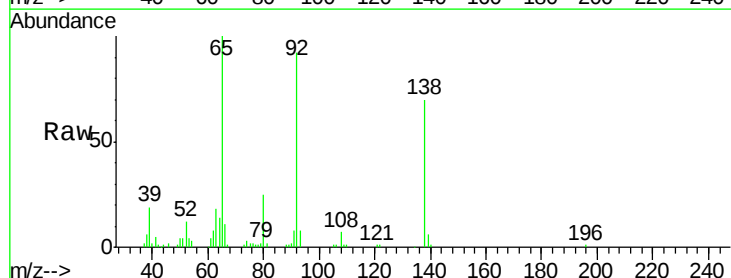
Tgt Ion:138 Resp: 47934

Ion Ratio Lower Upper

138 100

108 10.3 17.5 26.3#

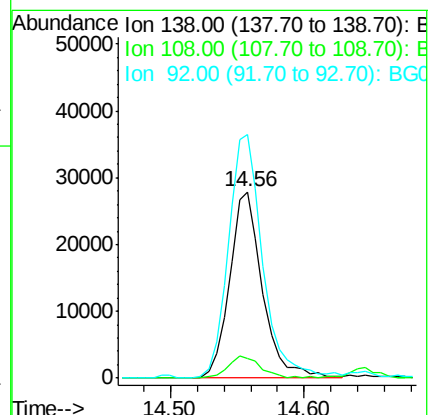
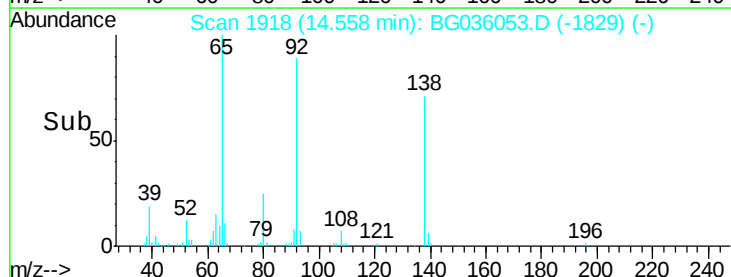
92 130.7 105.8 158.8

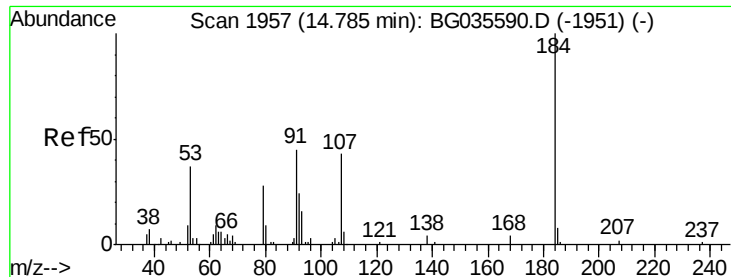


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

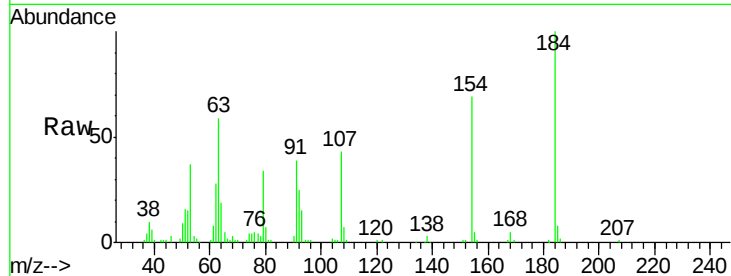




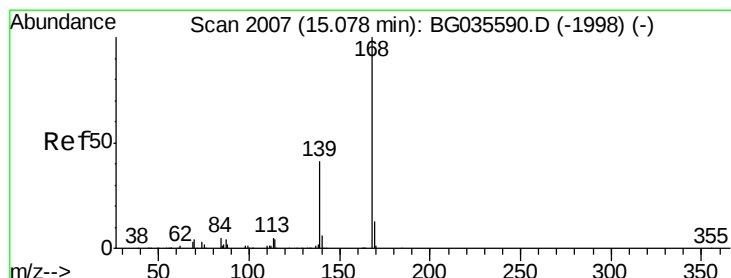
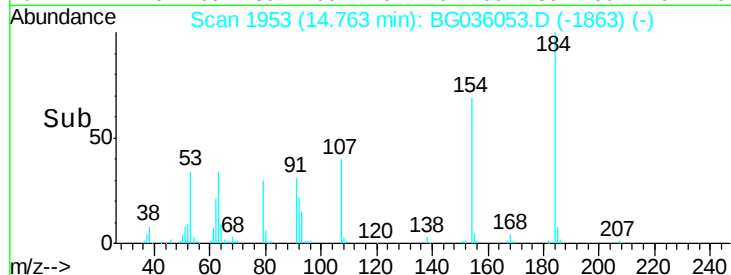
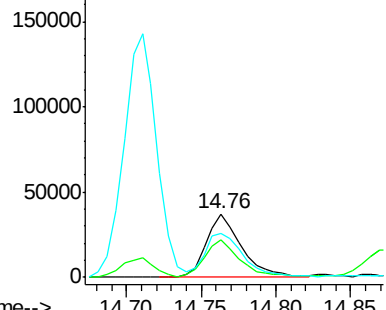
#53
 2,4-Dinitrophenol
 Concen: 80.689 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion:184 Resp: 61131
 Ion Ratio Lower Upper
 184 100
 63 58.8 59.8 89.8#
 154 69.0 101.8 152.8#

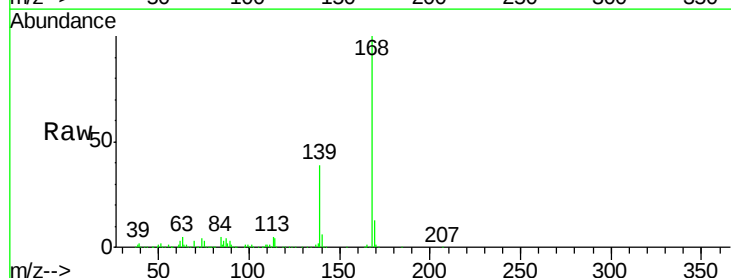


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

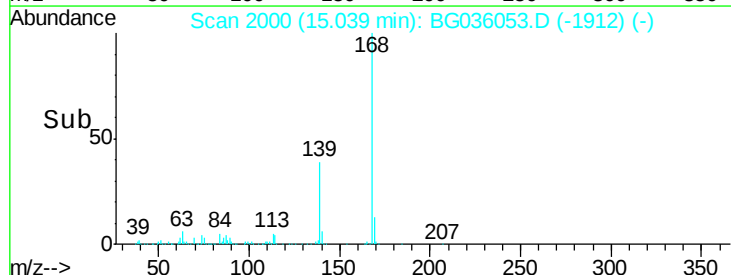
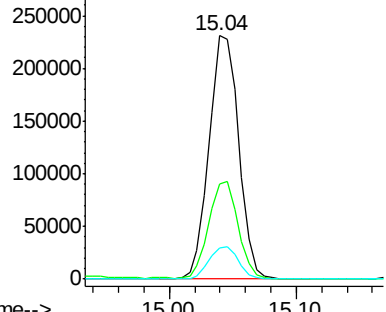


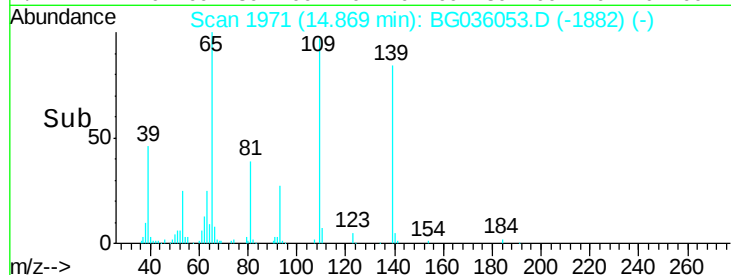
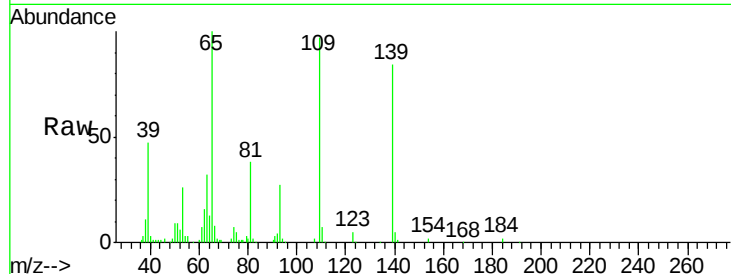
#54
 Dibenzofuran
 Concen: 45.238 ng
 RT: 15.04 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion:168 Resp: 373566
 Ion Ratio Lower Upper
 168 100
 139 39.0 28.6 43.0
 169 13.0 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

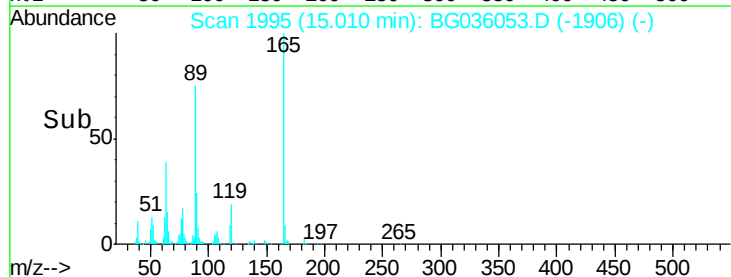
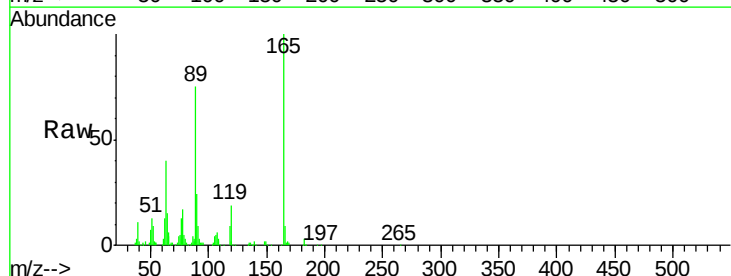
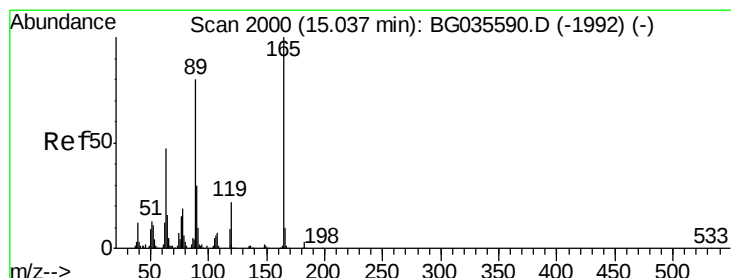
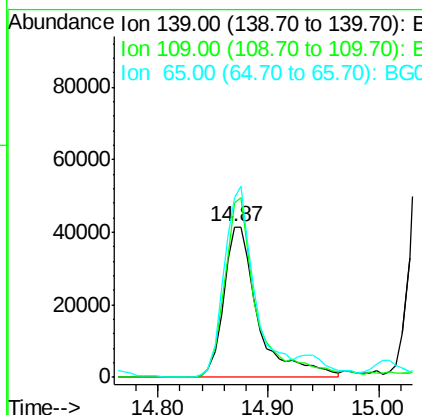




#55
4-Nitrophenol
Concen: 84.416 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

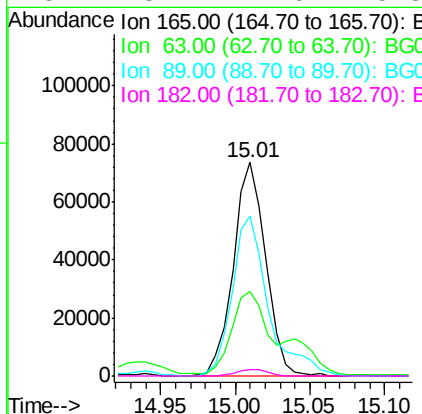
Instrument :
BNA_G
ClientSampleId :
PB111656BS

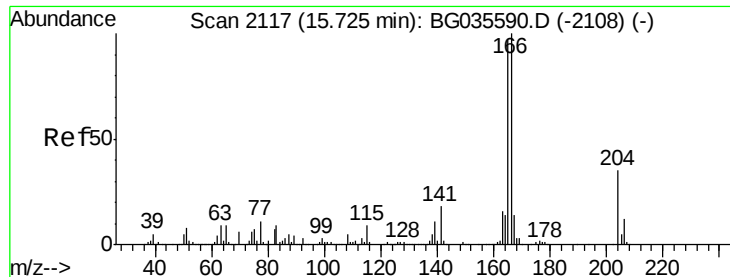
Tgt Ion:139 Resp: 90456
Ion Ratio Lower Upper
139 100
109 115.5 62.2 102.2#
65 119.3 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 52.588 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion:165 Resp: 111066
Ion Ratio Lower Upper
165 100
63 39.8 42.0 63.0#
89 74.9 66.9 100.3
182 3.2 2.6 3.8

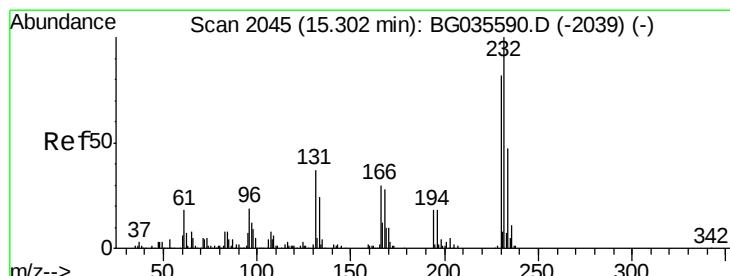
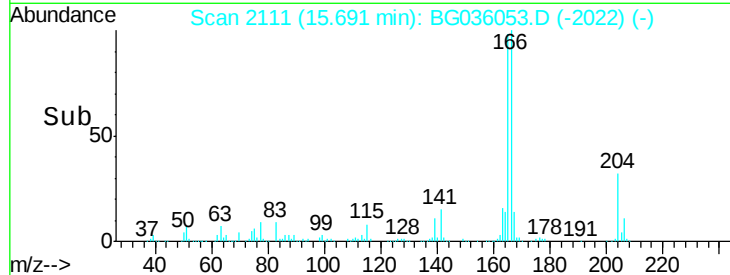
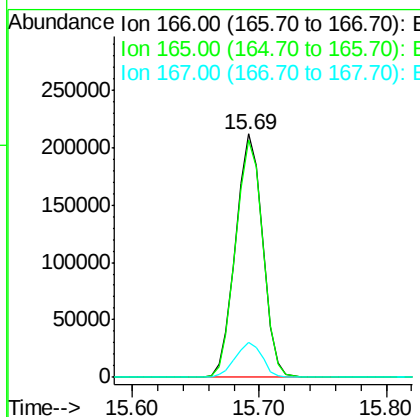
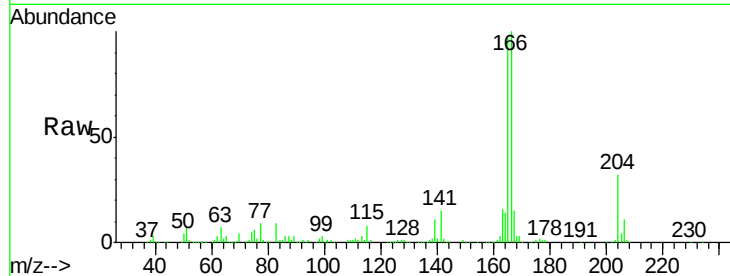




#57
Fluorene
 Concen: 44.898 ng
 RT: 15.69 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

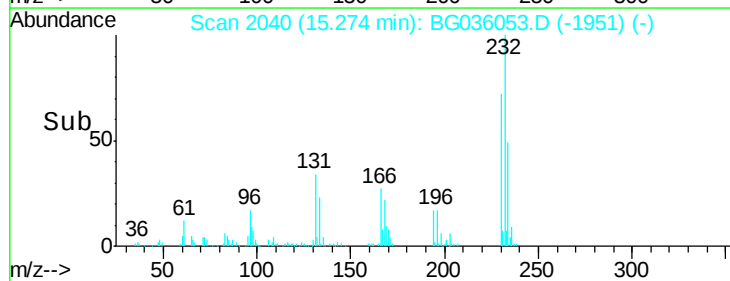
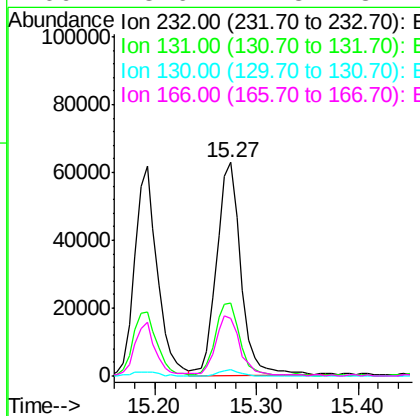
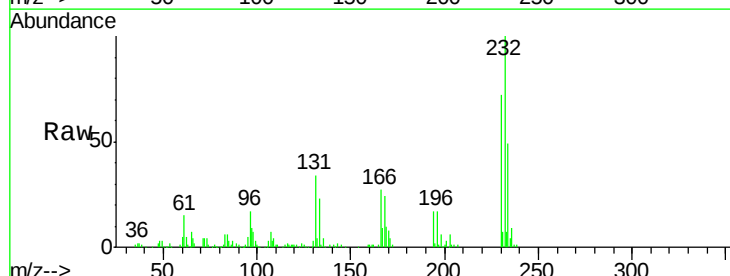
Instrument :
 BNA_G
 ClientSampled :
 PB111656BS

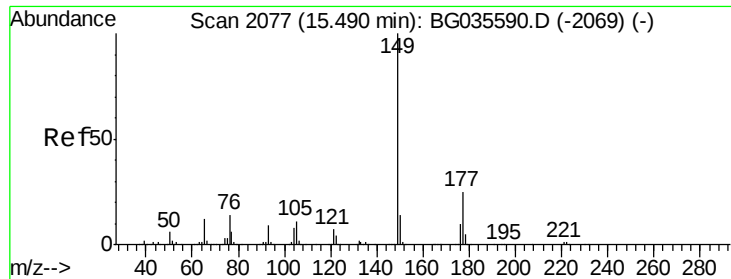
Tgt Ion:166 Resp: 310746
 Ion Ratio Lower Upper
 166 100
 165 97.2 80.6 121.0
 167 14.5 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.974 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion:232 Resp: 105436
 Ion Ratio Lower Upper
 232 100
 131 33.8 33.5 50.3
 130 2.3 2.2 3.2
 166 28.6 24.8 37.2

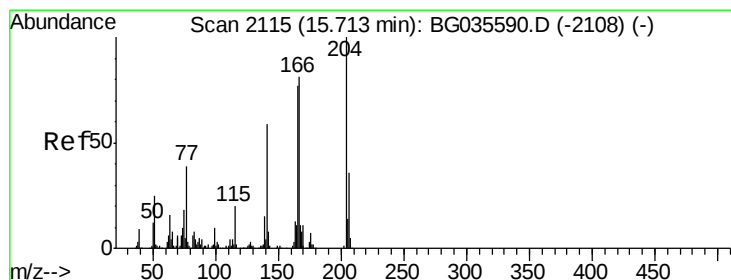
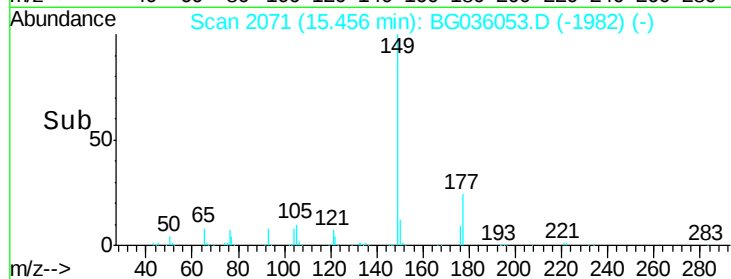
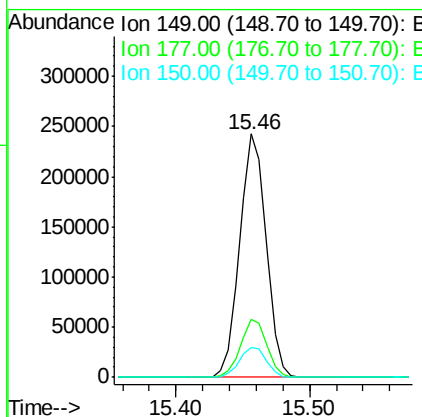
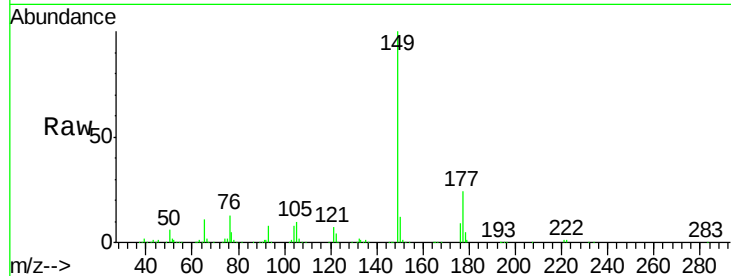




#59
Diethylphthalate
Concen: 44.598 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

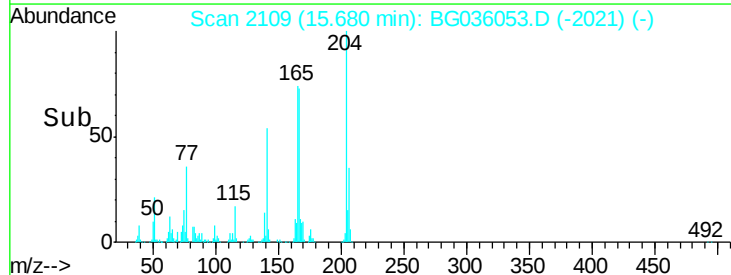
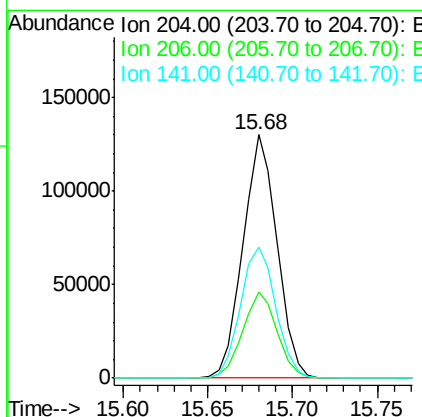
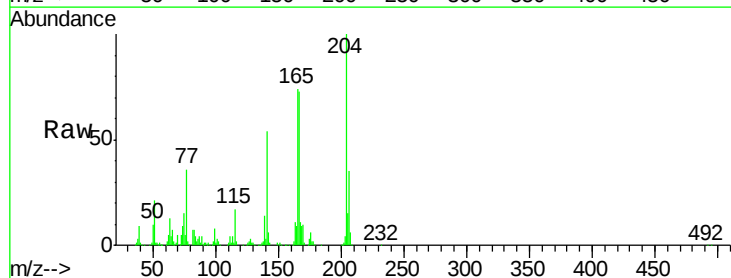
Instrument :
BNA_G
ClientSampleId :
PB111656BS

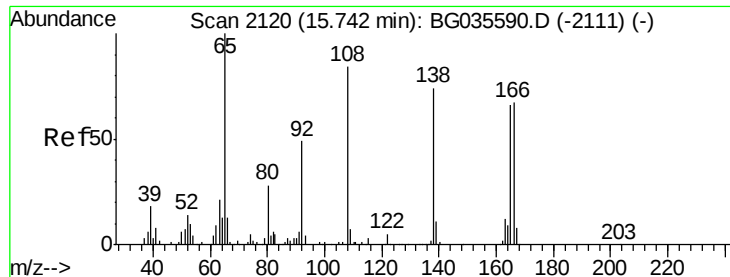
Tgt Ion:149 Resp: 331522
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.000 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion:204 Resp: 183058
Ion Ratio Lower Upper
204 100
206 35.2 26.2 39.2
141 53.6 45.8 68.6

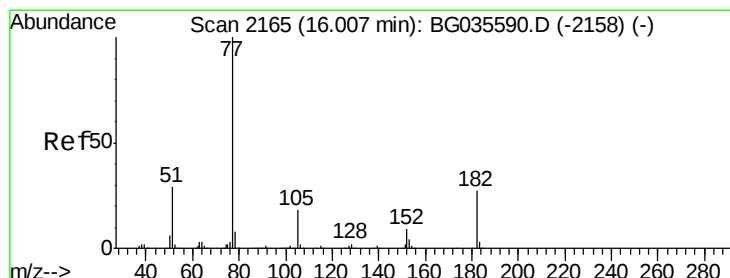
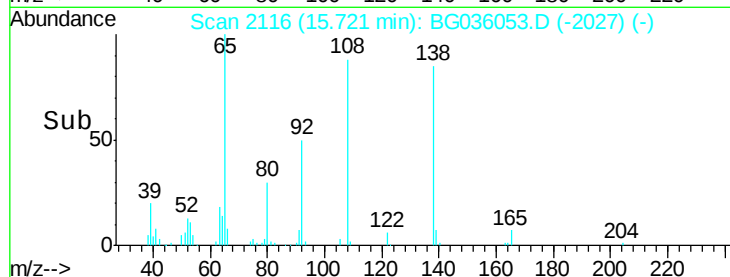
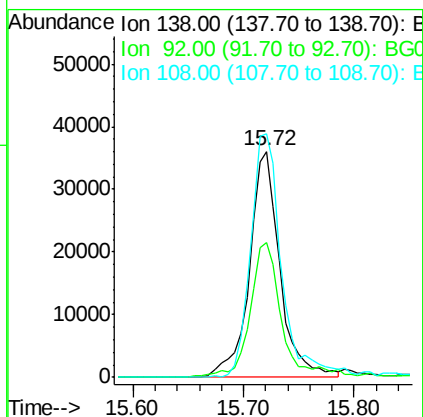
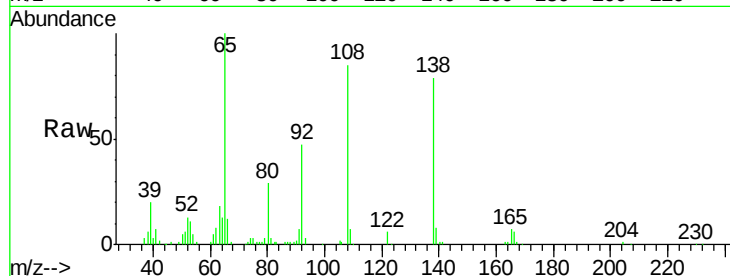




#61
4-Nitroaniline
Concen: 44.546 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

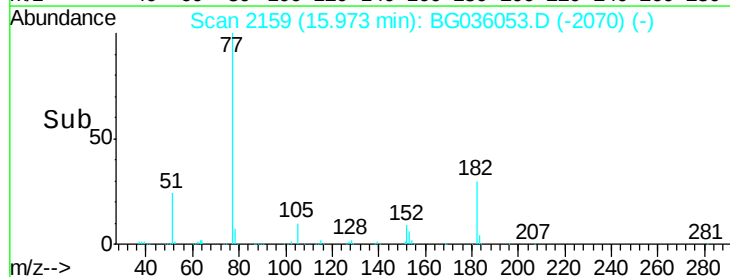
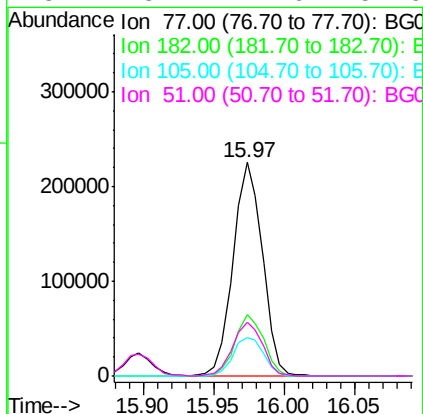
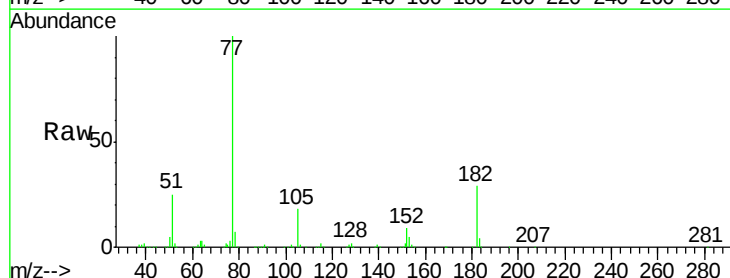
Instrument :
BNA_G
ClientSampleId :
PB111656BS

Tgt Ion:138 Resp: 70112
Ion Ratio Lower Upper
138 100
92 59.6 40.1 80.1
108 107.7 65.4 105.4#



#62
Azobenzene
Concen: 44.298 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion: 77 Resp: 324811
Ion Ratio Lower Upper
77 100
182 28.9 7.4 47.4
105 17.9 0.3 40.3
51 25.2 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

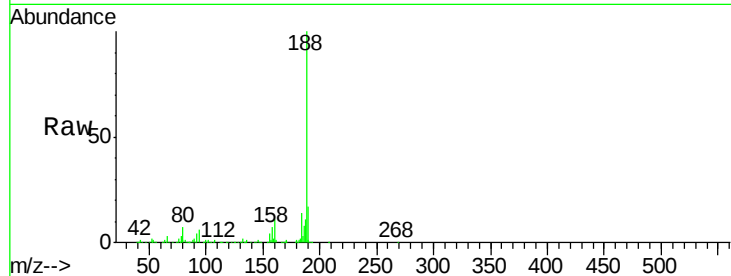
Tgt Ion:188 Resp: 242223

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG035590.D (-2398) (-)

Ion 80.00 (79.70 to 80.70): BG035590.D (-2398) (-)

17.39

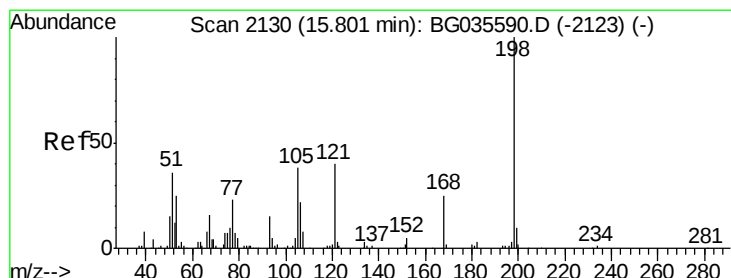
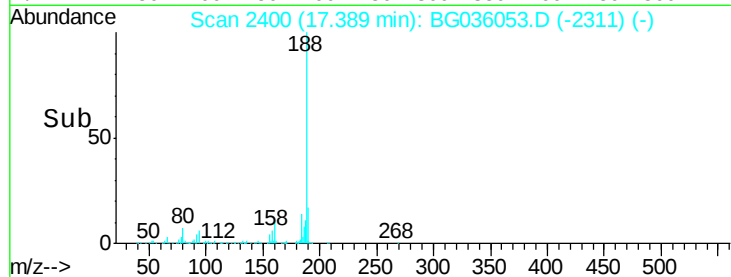
150000

100000

50000

0

Time--> 17.30 17.35 17.40 17.45



#64

4,6-Dinitro-2-methylphenol

Concen: 45.740 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

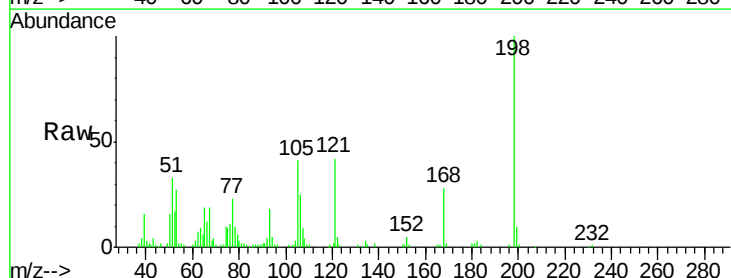
Tgt Ion:198 Resp: 61675

Ion Ratio Lower Upper

198 100

51 33.5 30.6 70.6

105 41.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG035590.D (-2123) (-)

Ion 105.00 (104.70 to 105.70): BG035590.D (-2123) (-)

15.77

50000

40000

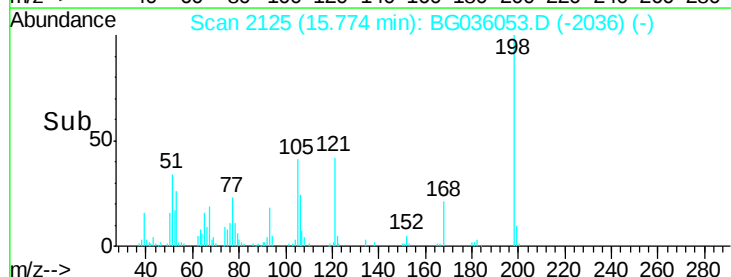
30000

20000

10000

0

Time--> 15.70 15.80

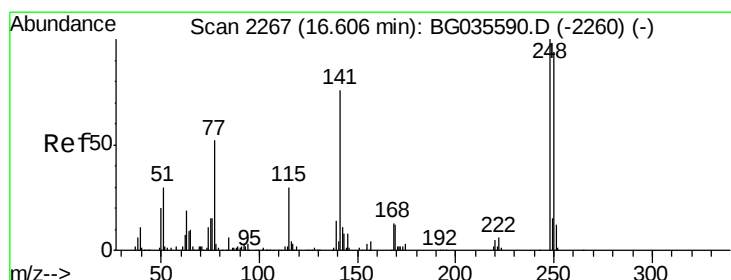
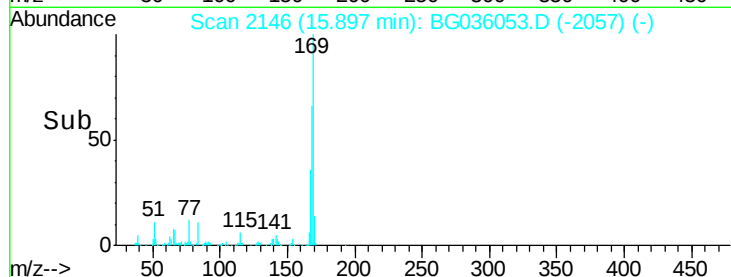
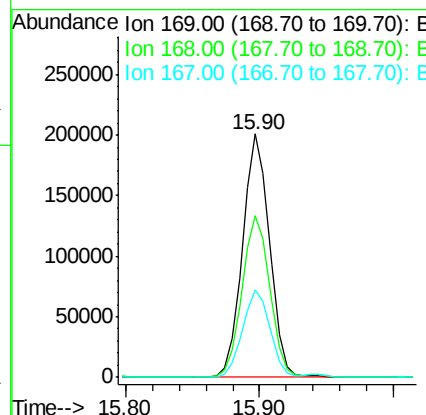
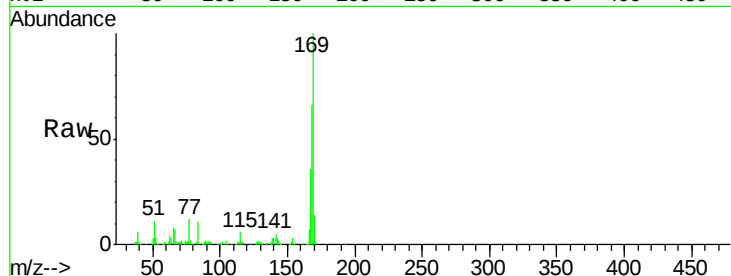




#65
 n-Nitrosodiphenylamine
 Concen: 40.723 ng
 RT: 15.90 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

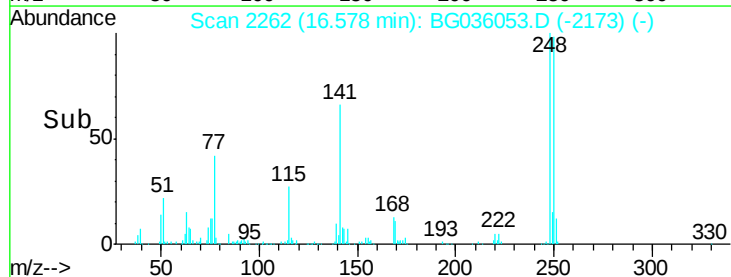
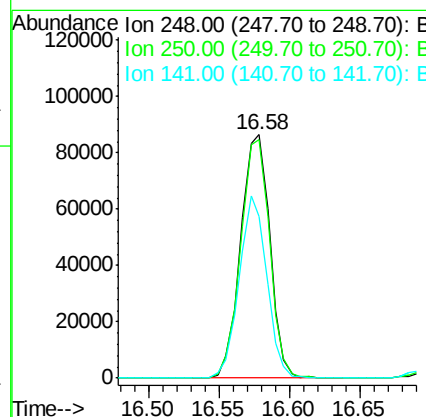
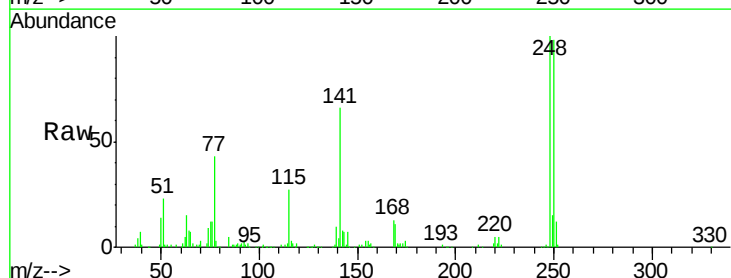
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

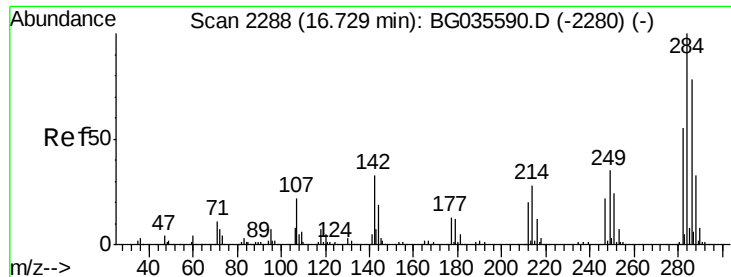
Tgt Ion:169 Resp: 280768
 Ion Ratio Lower Upper
 169 100
 168 66.4 55.7 83.5
 167 35.9 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 44.401 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion:248 Resp: 124776
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 66.2 50.8 76.2

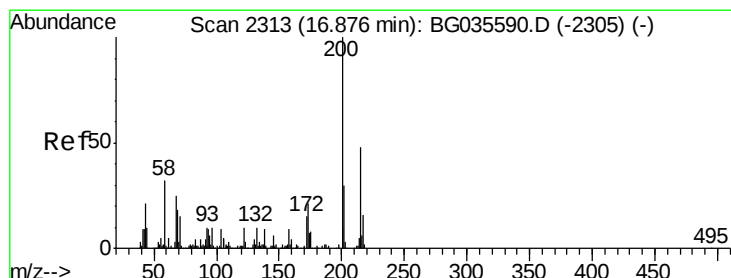
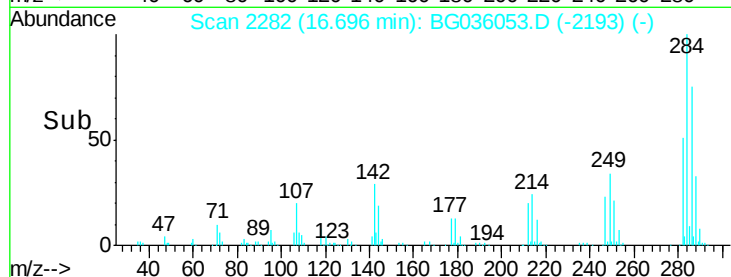
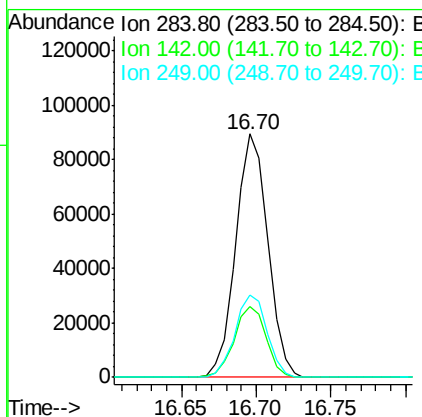
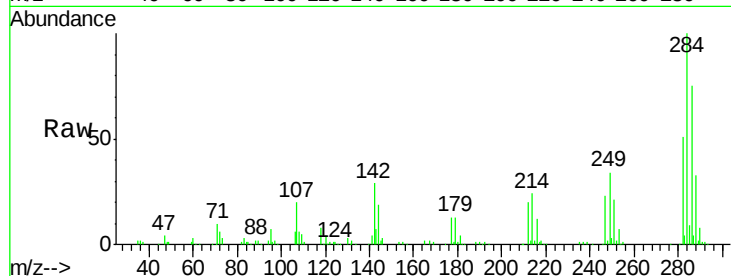




#67
Hexachlorobenzene
Concen: 46.241 ng
RT: 16.70 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

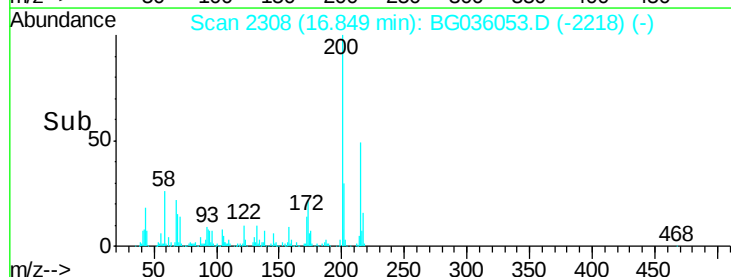
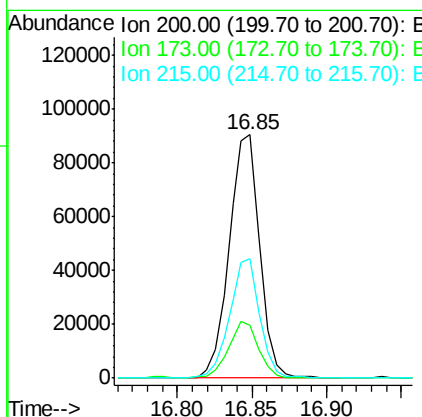
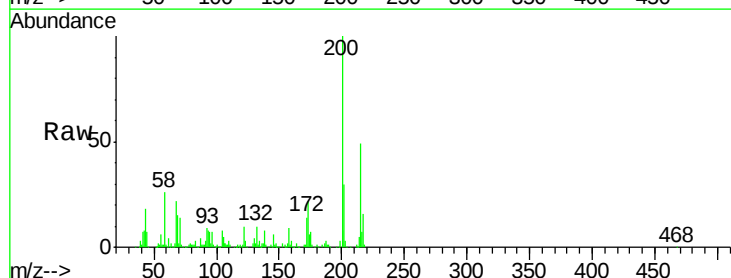
Instrument :
BNA_G
ClientSampleId :
PB111656BS

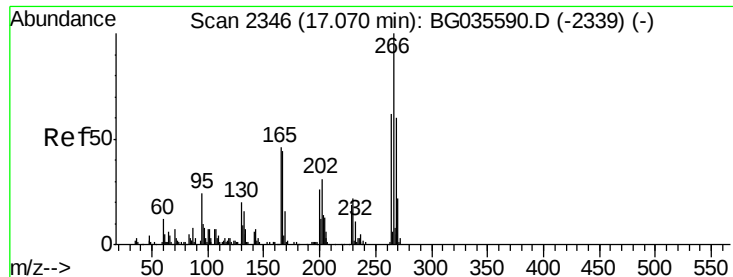
Tgt Ion:284 Resp: 133820
Ion Ratio Lower Upper
284 100
142 29.2 26.8 40.2
249 33.8 26.3 39.5



#68
Atrazine
Concen: 45.636 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion:200 Resp: 129546
Ion Ratio Lower Upper
200 100
173 21.6 5.2 45.2
215 49.0 30.4 70.4

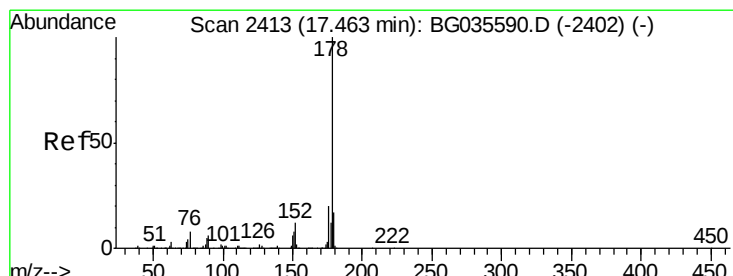
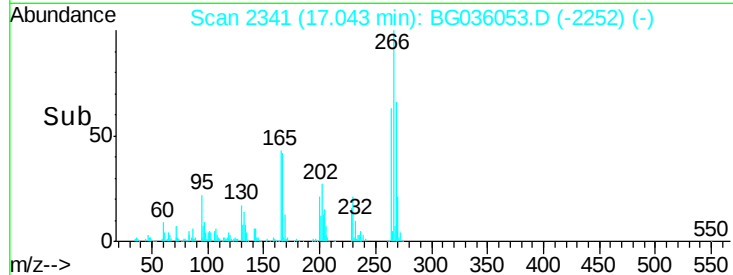
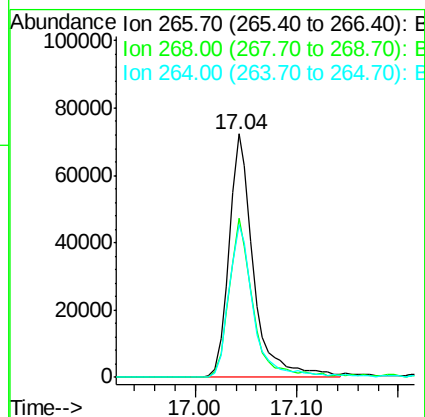
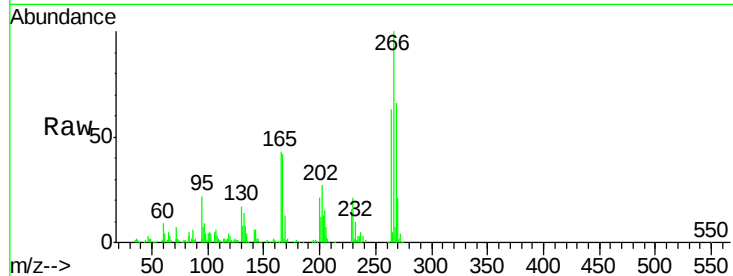




#69
 Pentachlorophenol
 Concen: 68.752 ng
 RT: 17.04 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

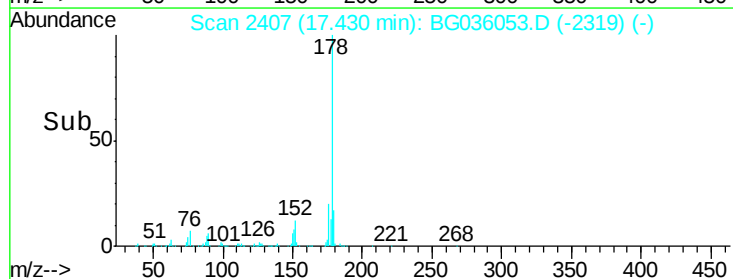
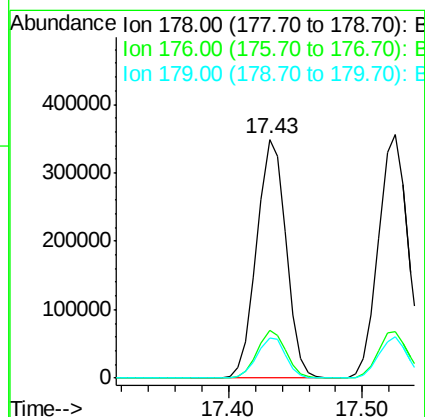
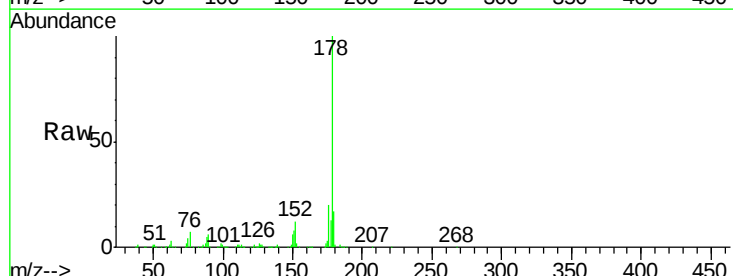
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion:266 Resp: 121190
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 63.0 49.6 74.4



#70
 Phenanthrene
 Concen: 43.830 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion:178 Resp: 529756
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 16.9 12.5 18.7

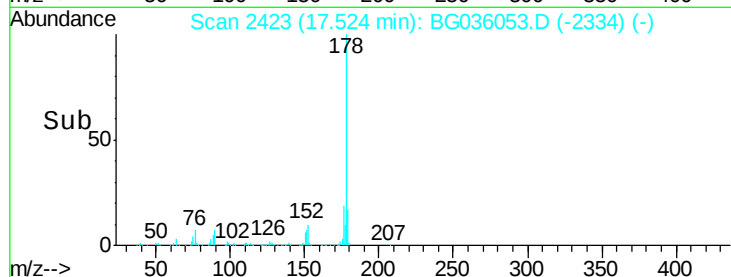
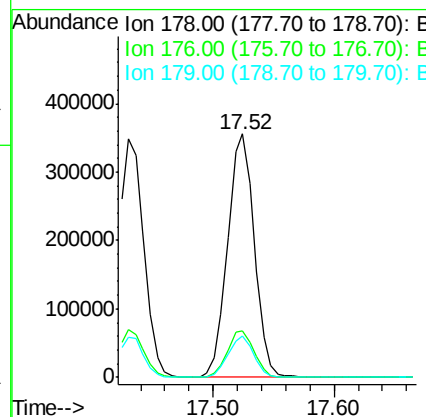
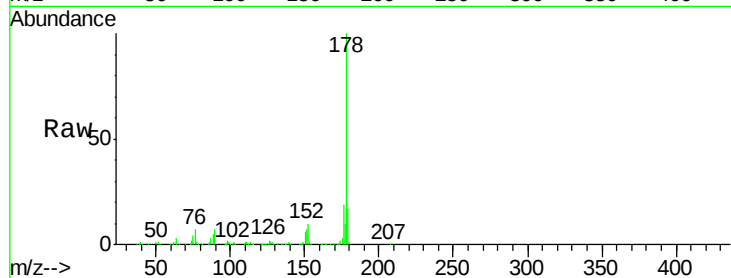




#71
 Anthracene
 Concen: 45.276 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

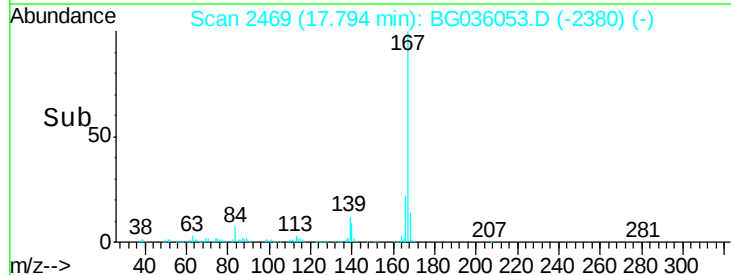
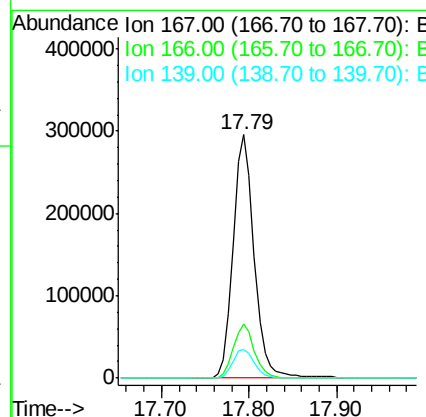
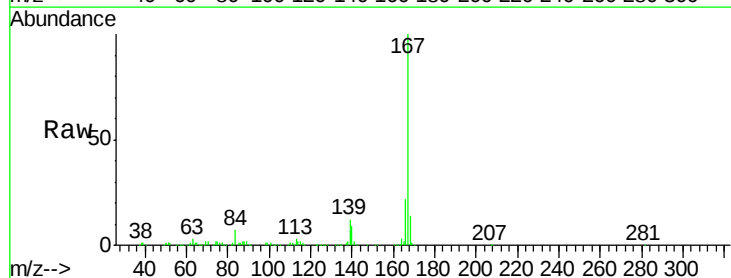
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

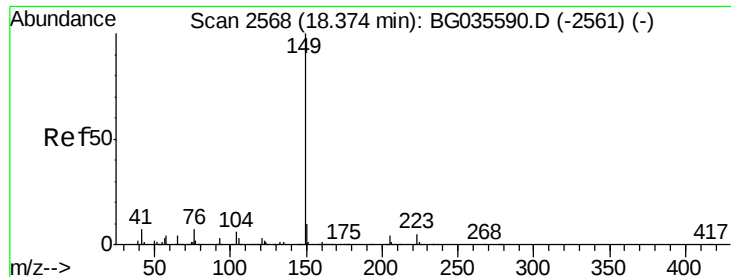
Tgt Ion:178 Resp: 544891
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 17.1 12.5 18.7



#72
 Carbazole
 Concen: 42.555 ng
 RT: 17.79 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion:167 Resp: 486374
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 11.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.417 ng

RT: 18.34 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

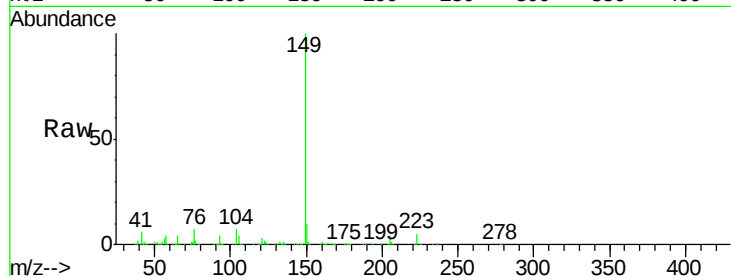
Tgt Ion:149 Resp: 559385

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 6.7 3.9 5.9#

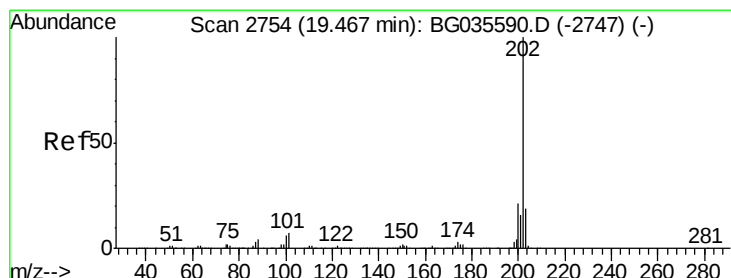
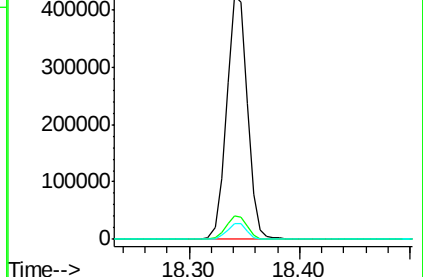
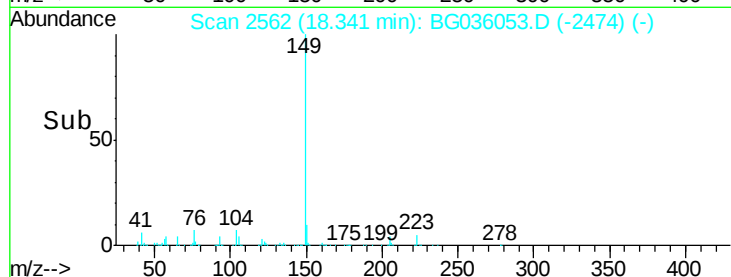


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.34



#74

Fluoranthene

Concen: 42.768 ng

RT: 19.44 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

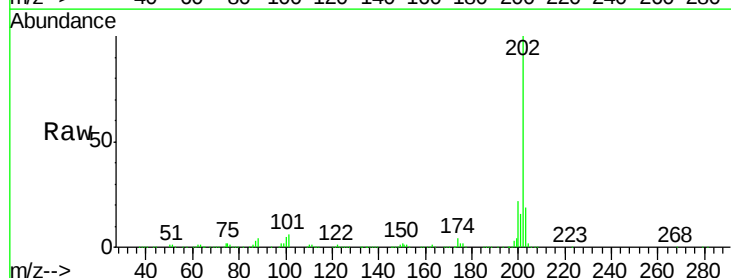
Tgt Ion:202 Resp: 696278

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.9

203 18.6 0.0 37.5

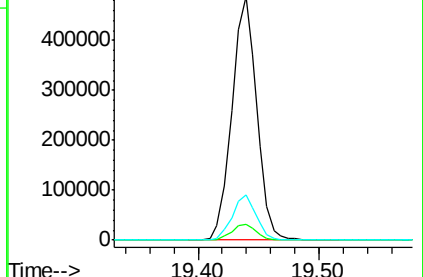
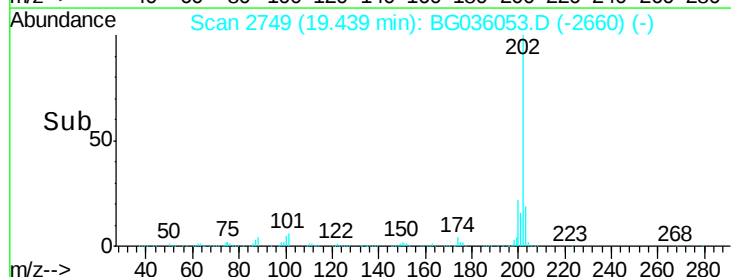


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.44

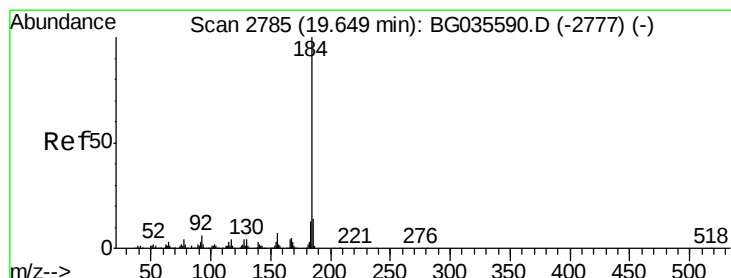
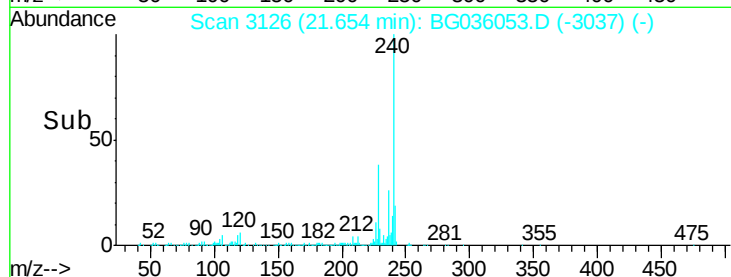
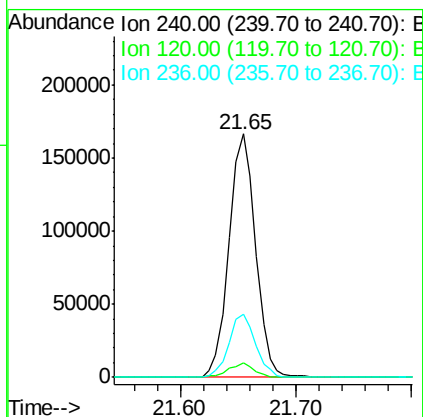
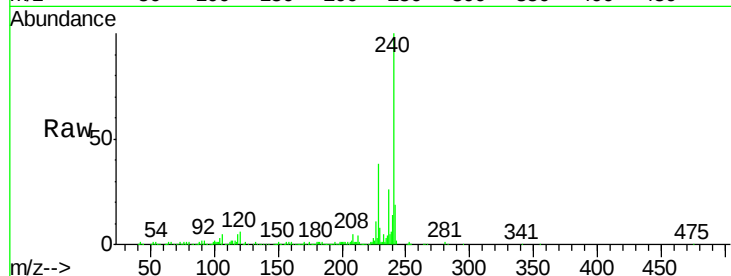




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

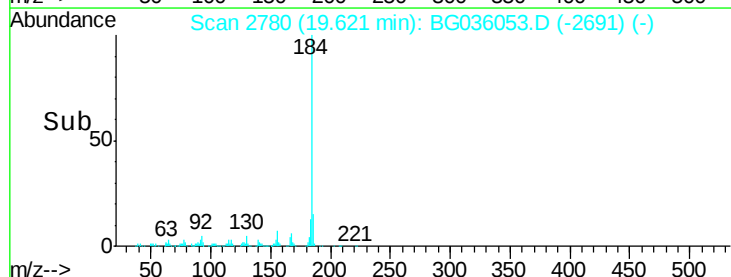
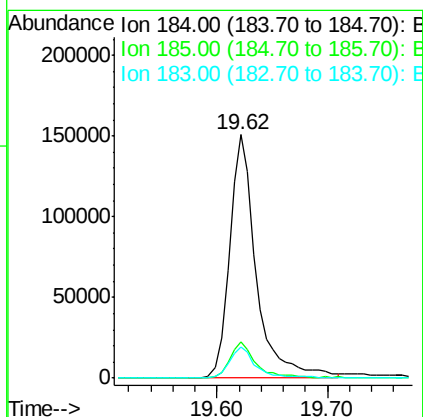
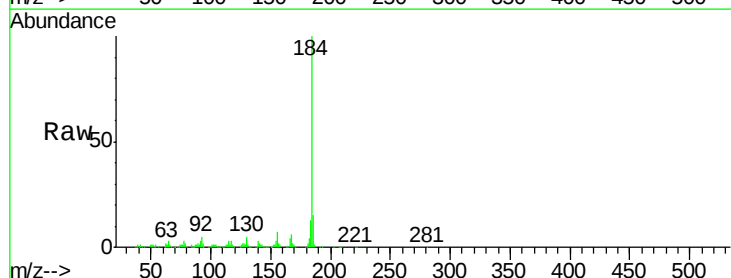
Instrument :
BNA_G
ClientSampleId :
PB111656BS

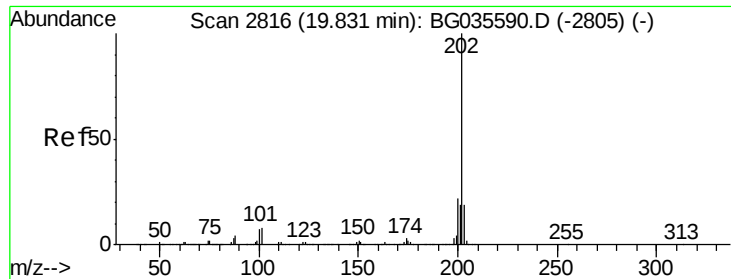
Tgt Ion:240 Resp: 265885
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 26.0 20.9 31.3



#76
Benzidine
Concen: 36.377 ng
RT: 19.62 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion:184 Resp: 254284
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 12.8 10.6 16.0

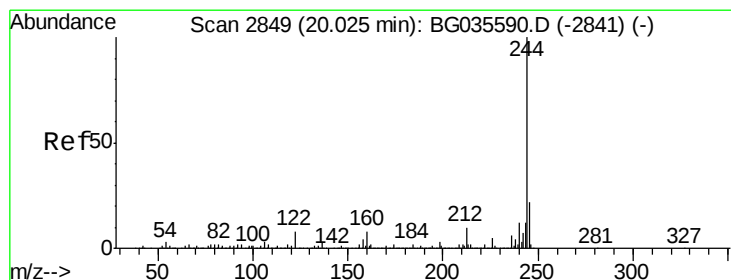
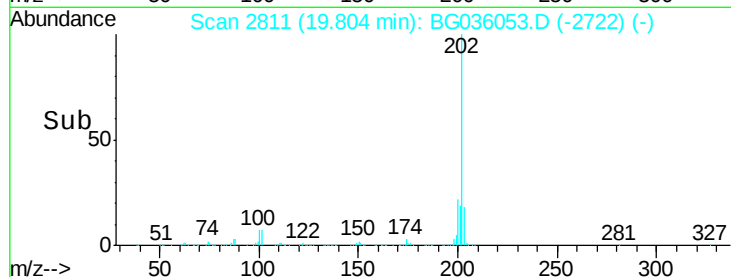
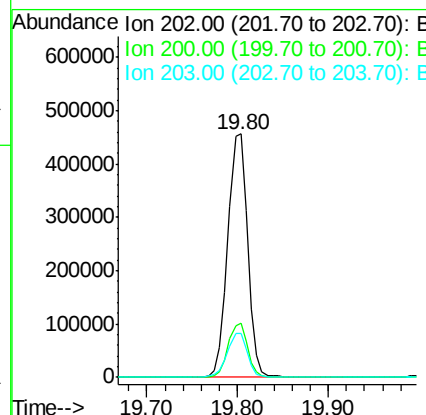
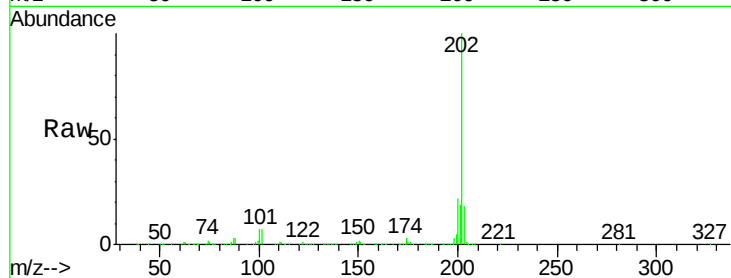




#77
 Pyrene
 Concen: 41.418 ng
 RT: 19.80 min Scan# 2811
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

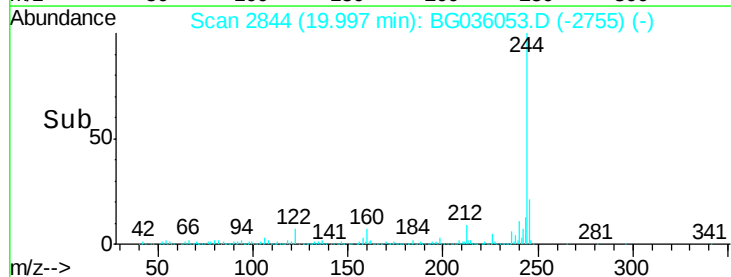
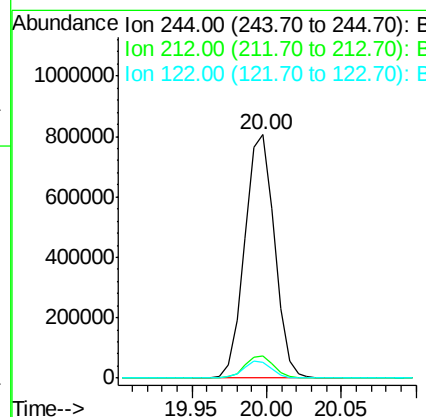
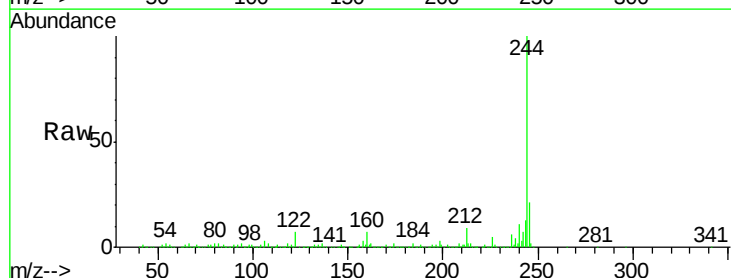
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

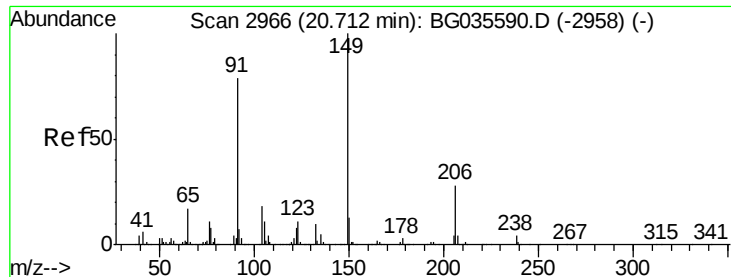
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.0	13.9	20.9



#78
 Terphenyl-d14
 Concen: 92.043 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.6	7.0	10.4#

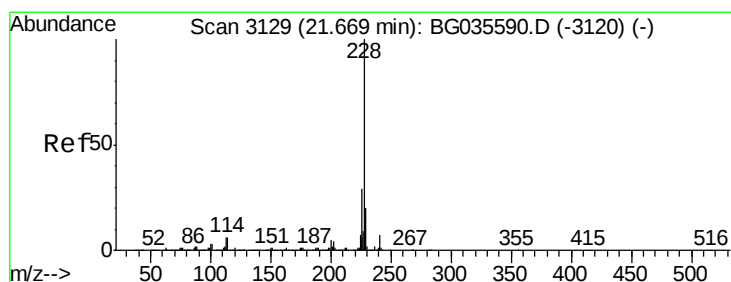
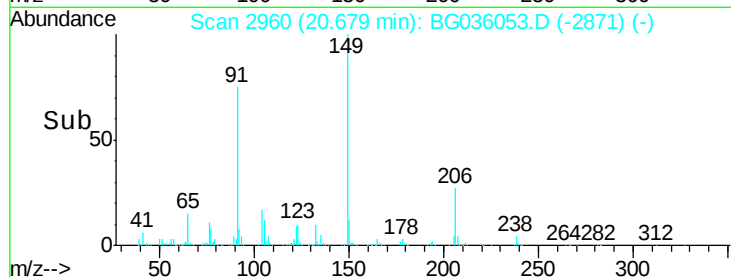
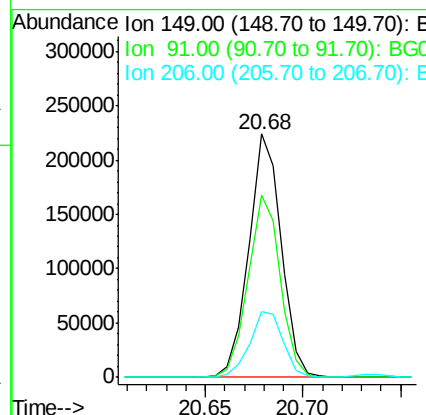
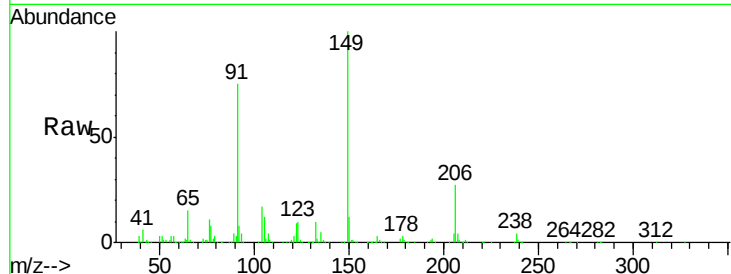




#79
Butylbenzylphthalate
Concen: 42.853 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

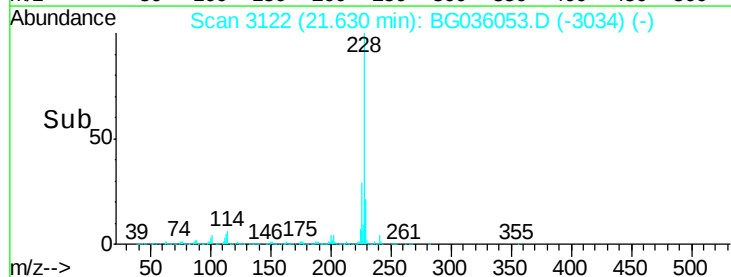
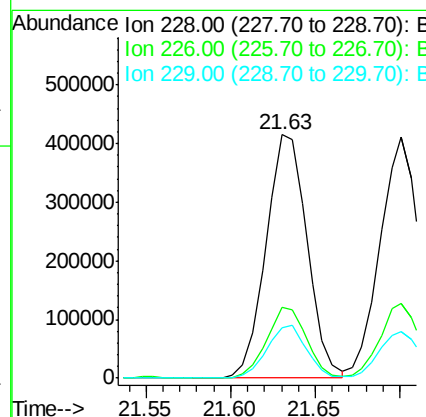
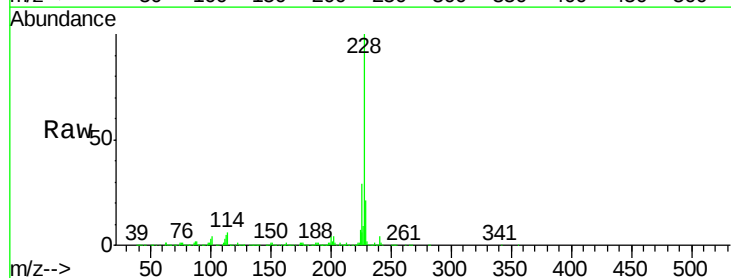
Instrument :
BNA_G
ClientSampleId :
PB111656BS

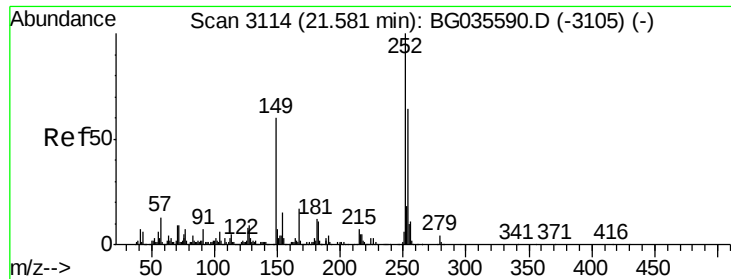
Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	62.2	93.2
206	26.8	18.6	27.8



#80
Benzo(a)anthracene
Concen: 42.071 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG036053.D
Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.5	16.2	24.2

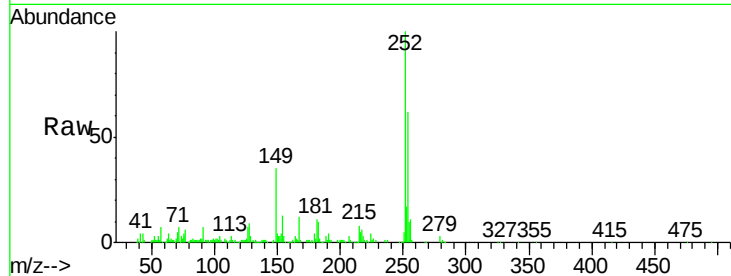




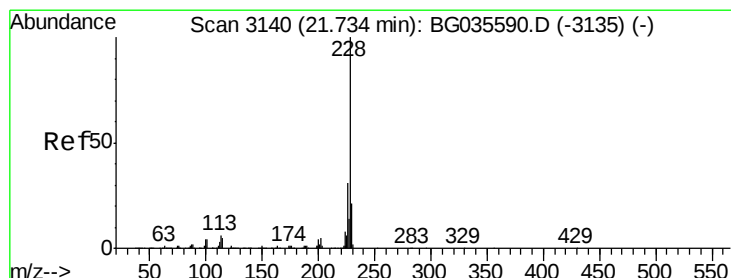
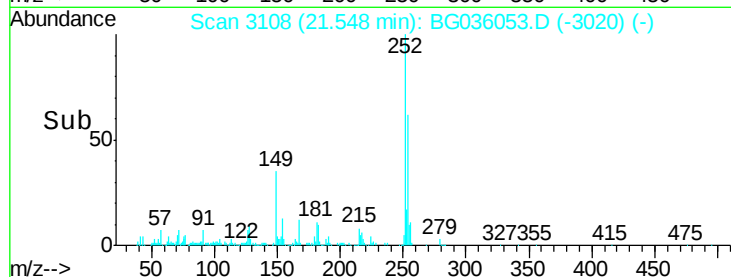
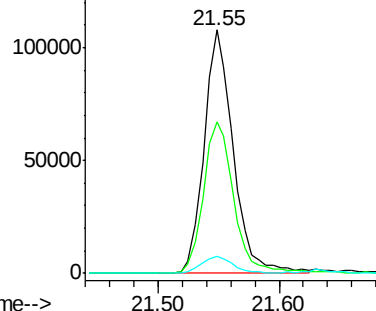
#81
 3,3'-Dichlorobenzidine
 Concen: 31.344 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.8	76.2
126	7.1	7.4	11.2#

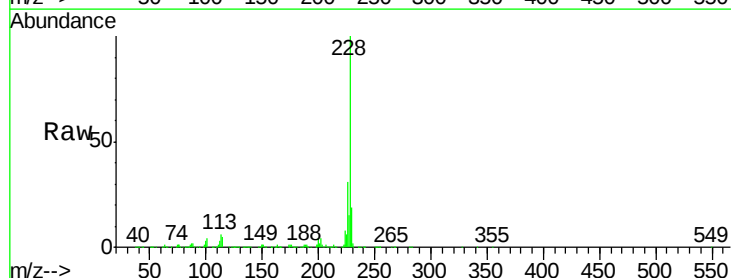


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

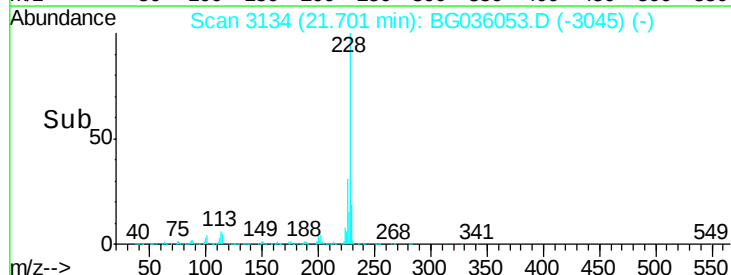
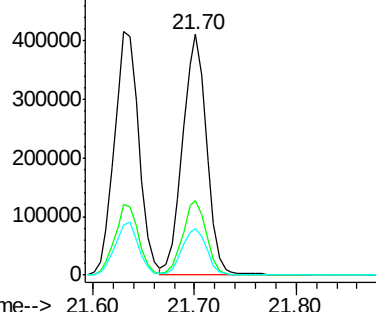


#82
 Chrysene
 Concen: 43.702 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.4	15.0	22.4



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

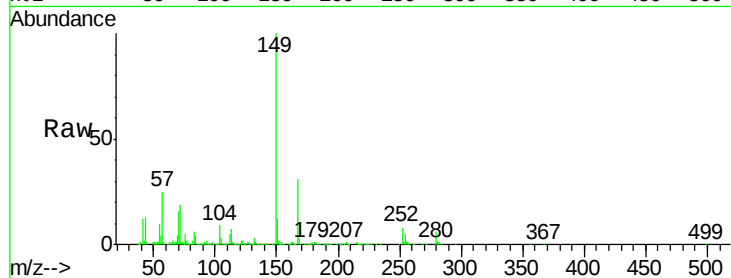




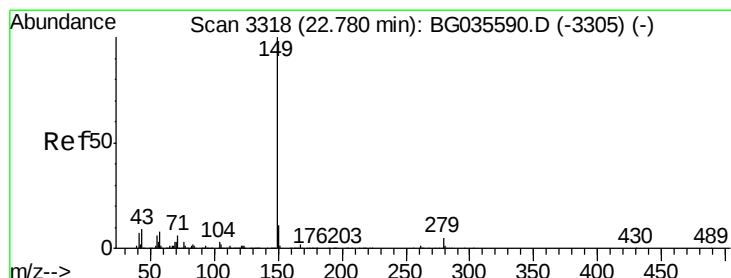
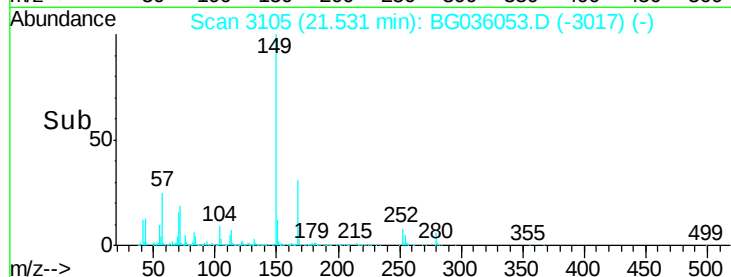
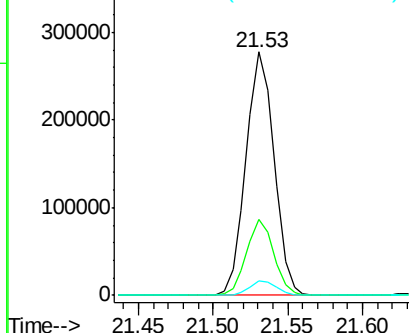
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.175 ng
 RT: 21.53 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.3	36.5
279	5.8	4.0	6.0

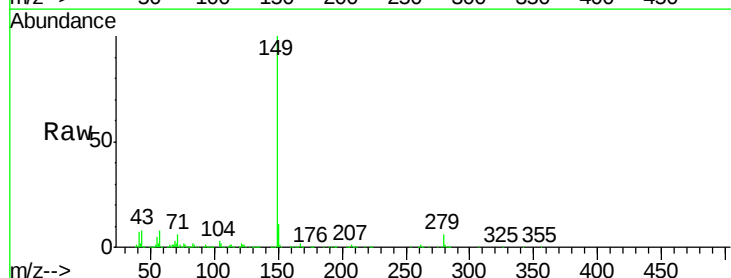


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

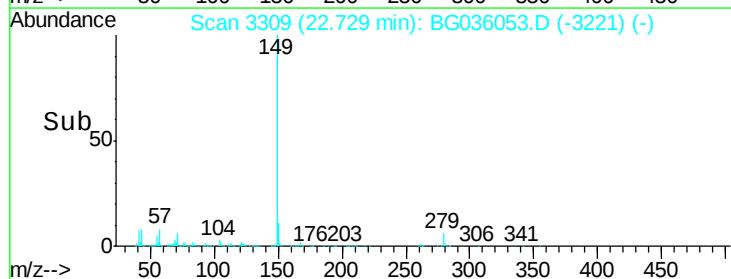
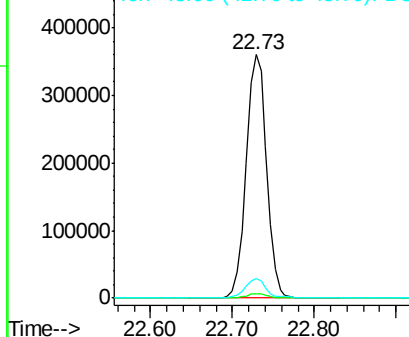


#84
 Di-n-octyl phthalate
 Concen: 45.468 ng
 RT: 22.73 min Scan# 3309
 Delta R.T. -0.01 min
 Lab File: BG036053.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.2	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: 44.348 ng

RT: 28.48 min Scan# 4288

Delta R.T. -0.02 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

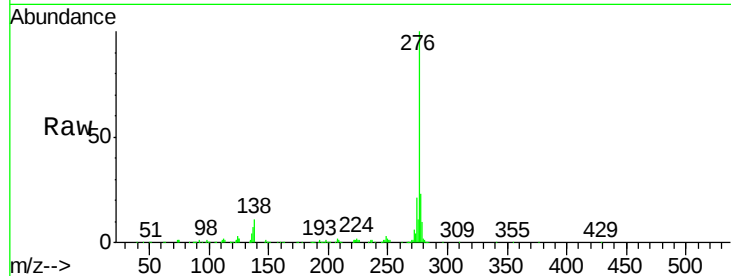
Tgt Ion:276 Resp: 753889

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

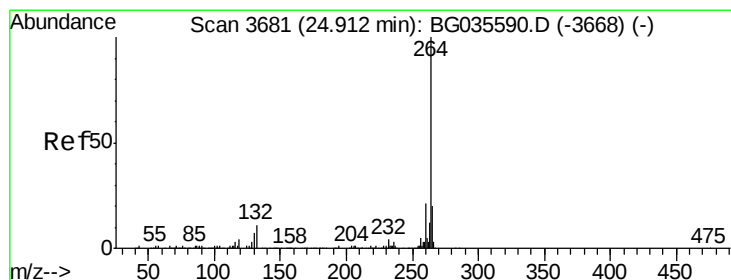
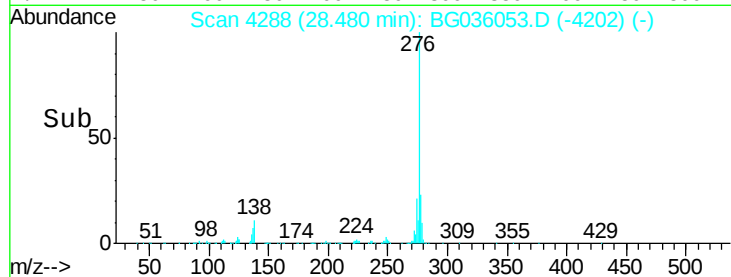
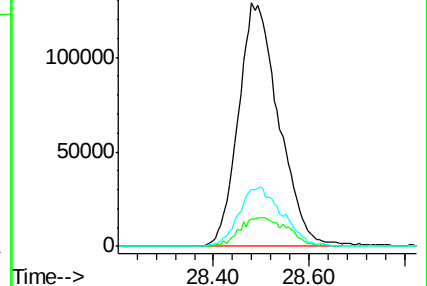
277 0.0 20.0 30.0#



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: 24.84 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

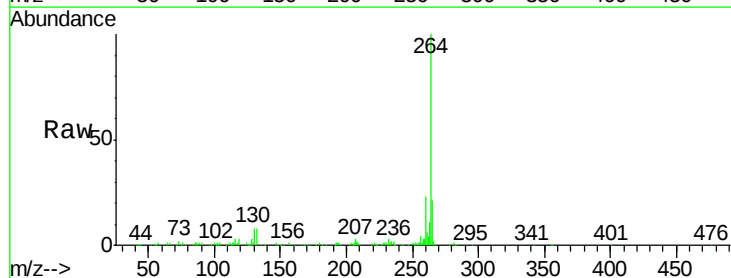
Tgt Ion:264 Resp: 261012

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

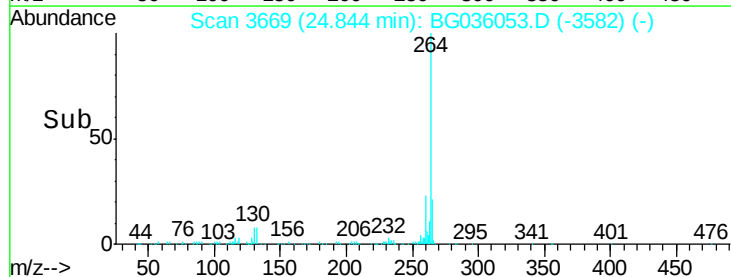
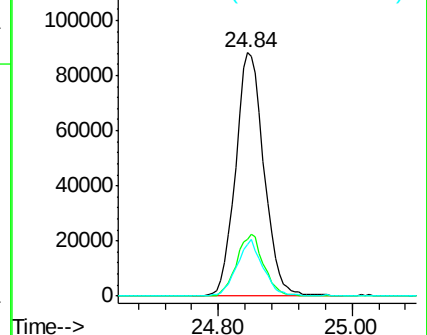
265 21.0 17.7 26.5

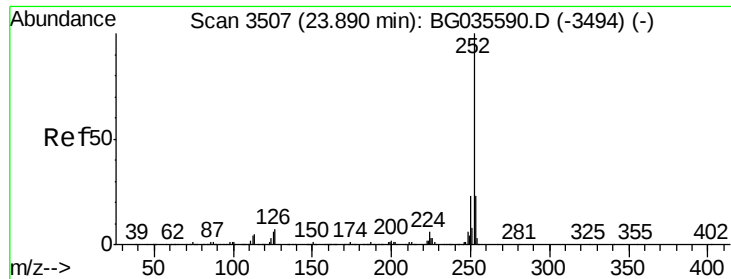


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.267 ng

RT: 23.83 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

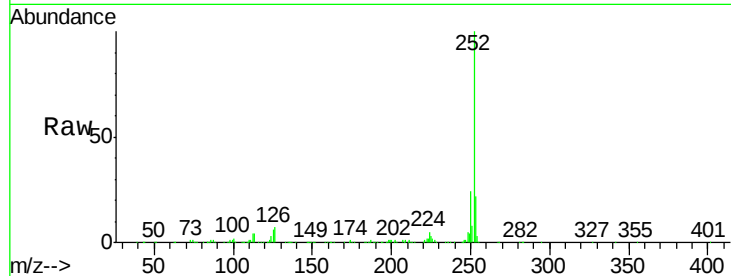
Instrument :

BNA_G

ClientSampleId :

PB111656BS

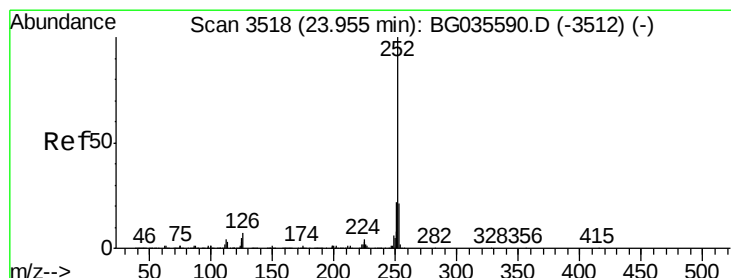
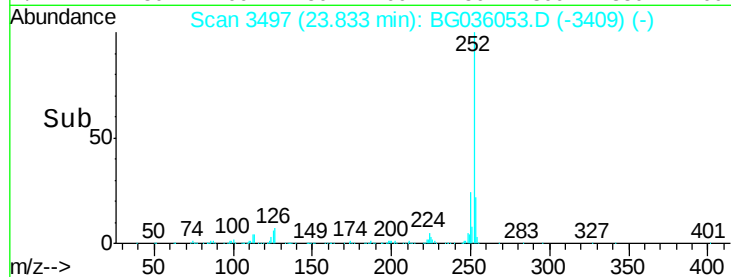
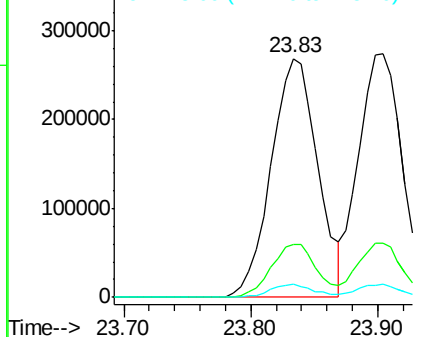
Tgt Ion:	252	Resp:	686401
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.4
125	5.6	7.2	10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.438 ng

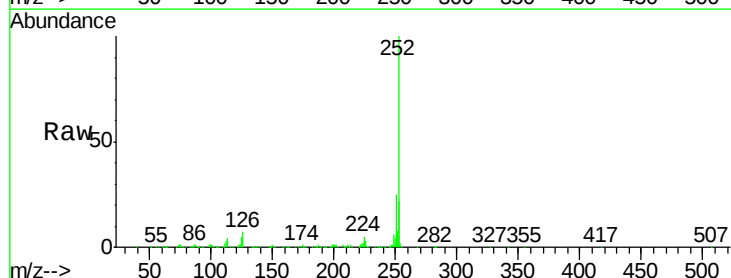
RT: 23.90 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

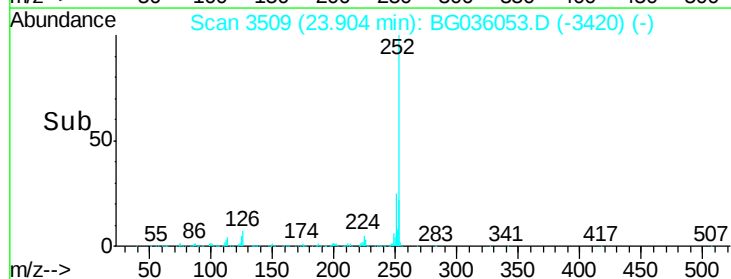
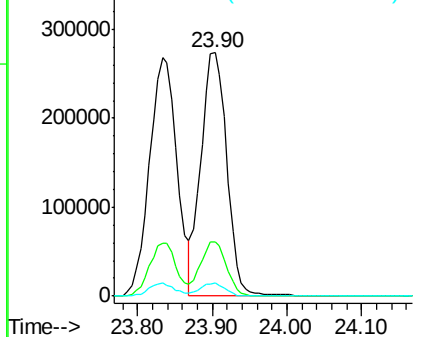
Tgt Ion:	252	Resp:	658198
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	5.4	6.6	9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.671 ng

RT: 24.70 min Scan# 3644

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

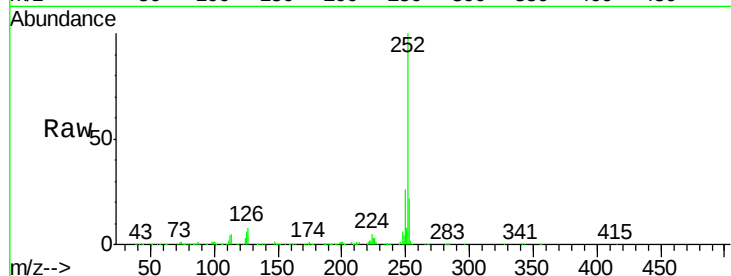
Tgt Ion:252 Resp: 659290

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

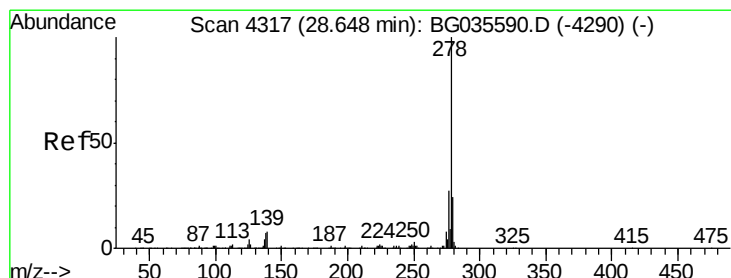
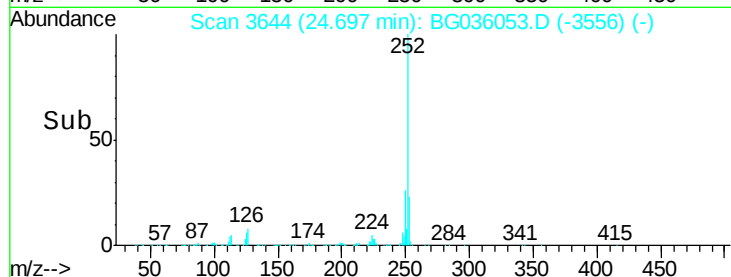
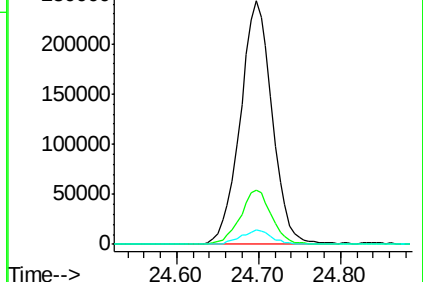
125 6.0 7.3 10.9#



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: 44.057 ng

RT: 28.55 min Scan# 4300

Delta R.T. -0.02 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

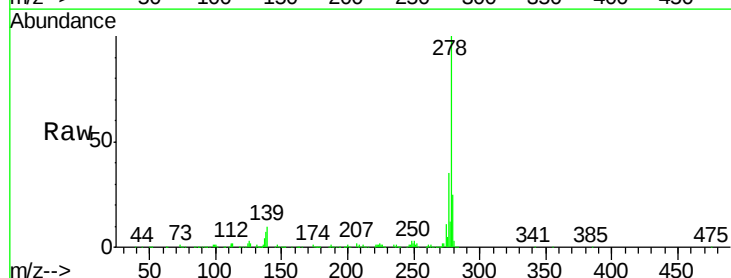
Tgt Ion:278 Resp: 638364

Ion Ratio Lower Upper

278 100

139 9.5 9.8 14.6#

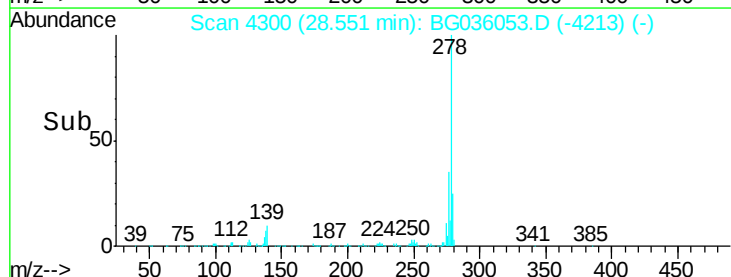
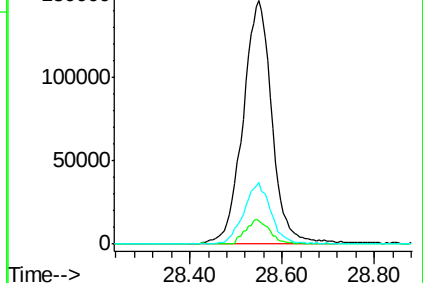
279 25.3 18.4 27.6

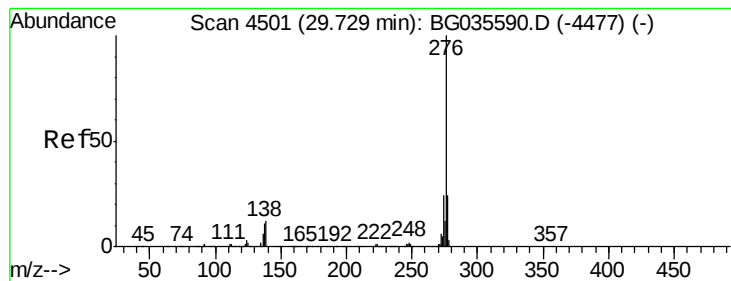


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.548 ng

RT: 29.63 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG036053.D

Acq: 2 Aug 2018 10:04

Instrument :

BNA_G

ClientSampleId :

PB111656BS

Tgt Ion:276 Resp: 631630

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 12.3 13.9 20.9#

