

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038617.D
 Acq On : 15 Dec 2018 23:26
 Operator : JU/SJ
 Sample : PB115697BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Quant Time: Dec 16 02:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19485	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	76688	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	47846	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	123626	20.00	ng	0.00
76) Chrysene-d12	21.72	240	136729	20.00	ng	0.00
87) Perylene-d12	25.02	264	147771	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	116815	106.33	ng	0.00
7) Phenol-d6	7.21	99	152160	100.89	ng	0.00
23) Nitrobenzene-d5	9.24	82	96721	64.43	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	66481	100.82	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	224801	64.46	ng	0.00
79) Terphenyl-d14	20.04	244	444365	70.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	13735	26.863	ng	87
3) Pyridine	3.89	79	37091	26.348	ng	93
4) n-Nitrosodimethylamine	3.82	42	24117	34.965	ng	# 84
6) Aniline	7.38	93	39083	20.300	ng	98
8) 2-Chlorophenol	7.62	128	41788	32.870	ng	99
9) Benzaldehyde	7.20	77	14249	14.564	ng	92
10) Phenol	7.24	94	53288	33.258	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	37061	29.053	ng	96
12) 1,3-Dichlorobenzene	7.94	146	42424	28.223	ng	100
13) 1,4-Dichlorobenzene	8.10	146	44207	28.715	ng	93
14) 1,2-Dichlorobenzene	8.41	146	42040	28.966	ng	98
15) Benzyl Alcohol	8.30	79	36959	31.397	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	85392	29.222	ng	97
17) 2-Methylphenol	8.50	107	35523	33.091	ng	95
18) Hexachloroethane	9.14	117	15825	28.131	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	29959	28.284	ng	98
20) 3+4-Methylphenols	8.83	107	47964	32.353	ng	99
22) Acetophenone	8.89	105	59212	30.912	ng	# 98
24) Nitrobenzene	9.28	77	46778	30.804	ng	98
25) Isophorone	9.79	82	82491	30.585	ng	97
26) 2-Nitrophenol	9.99	139	23161	29.799	ng	94
27) 2,4-Dimethylphenol	10.03	122	40628	36.473	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	47497	31.206	ng	99
29) 2,4-Dichlorophenol	10.52	162	41823	33.750	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	45139	30.156	ng	98
31) Naphthalene	10.93	128	123953	32.805	ng	97
32) Benzoic acid	10.18	122	7262	18.255	ng	# 84
33) 4-Chloroaniline	11.05	127	26433	16.113	ng	94
34) Hexachlorobutadiene	11.19	225	29999	29.619	ng	95
35) Caprolactam	11.82	113	13530	26.383	ng	92
36) 4-Chloro-3-methylphenol	12.15	107	42366	29.959	ng	95
37) 2-Methylnaphthalene	12.53	142	91307	33.872	ng	100
38) 1-Methylnaphthalene	12.75	142	87531	33.463	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	52898	29.577	ng	98

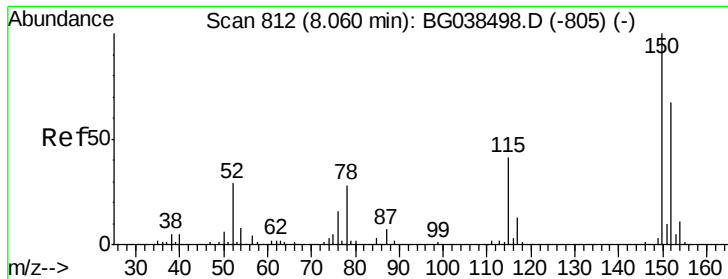
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038617.D
 Acq On : 15 Dec 2018 23:26
 Operator : JU/SJ
 Sample : PB115697BS
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Instrument :
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Quant Time: Dec 16 02:25:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	72445	73.730	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	34785	31.632	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	39143	33.620	ng	97
46) 1,1'-Biphenyl	13.53	154	118696	29.592	ng	96
47) 2-Chloronaphthalene	13.58	162	95883	30.947	ng	95
48) 2-Nitroaniline	13.79	65	32278	32.707	ng	96
49) Acenaphthylene	14.42	152	156561	33.801	ng	98
50) Dimethylphthalate	14.14	163	123545	31.619	ng	99
51) 2,6-Dinitrotoluene	14.28	165	27875	31.481	ng	96
52) Acenaphthene	14.76	154	86208	31.126	ng	94
53) 3-Nitroaniline	14.61	138	18819	20.849	ng	97
54) 2,4-Dinitrophenol	14.82	184	25727	50.851	ng	95
55) Dibenzofuran	15.09	168	148402	31.258	ng	100
56) 4-Nitrophenol	14.91	139	43834	64.015	ng	99
57) 2,4-Dinitrotoluene	15.06	165	40199	32.233	ng	97
58) Fluorene	15.74	166	117892	33.516	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	33712	32.183	ng	100
60) Diethylphthalate	15.50	149	130139	30.340	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	65975	30.062	ng	97
62) 4-Nitroaniline	15.77	138	30422	32.738	ng	98
63) Azobenzene	16.02	77	113936	31.797	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	24667	27.971	ng	93
66) n-Nitrosodiphenylamine	15.95	169	107691	29.647	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	43665	28.921	ng	96
68) Hexachlorobenzene	16.74	284	45324	28.959	ng	98
69) Atrazine	16.89	200	45390	33.671	ng	99
70) Pentachlorophenol	17.09	266	47158	50.941	ng	99
71) Phenanthrene	17.48	178	210059	32.766	ng	98
72) Anthracene	17.58	178	215492	34.049	ng	98
73) Carbazole	17.85	167	198767	31.757	ng	99
74) Di-n-butylphthalate	18.38	149	241760	33.662	ng	99
75) Fluoranthene	19.49	202	280230	35.329	ng	97
77) Benzidine	19.68	184	115836	28.647	ng	100
78) Pyrene	19.86	202	281766	31.194	ng	100
80) Butylbenzylphthalate	20.72	149	112998	32.020	ng	98
81) Benzo(a)anthracene	21.70	228	282771	33.940	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	66993	20.274	ng	98
83) Chrysene	21.77	228	260878	32.508	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	159784	31.925	ng	98
85) Di-n-octyl phthalate	22.80	149	270810	32.308	ng	99
86) Indeno(1,2,3-cd)pyrene	28.79	276	319747	33.891	ng	# 99
88) Benzo(b)fluoranthene	23.96	252	279084	34.399	ng	100
89) Benzo(k)fluoranthene	24.03	252	276392	34.211	ng	100
90) Benzo(a)pyrene	24.86	252	275923	35.252	ng	98
91) Dibenzo(a,h)anthracene	28.85	278	269967	34.641	ng	98
92) Benzo(g,h,i)perylene	29.99	276	265005	34.504	ng	99

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

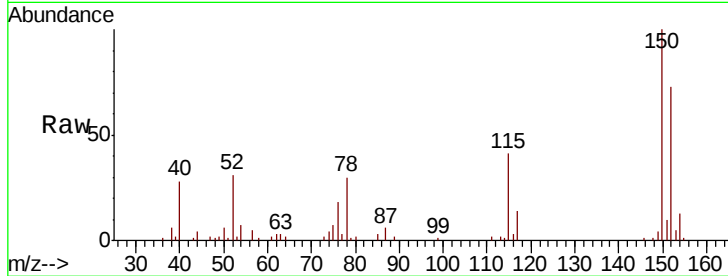


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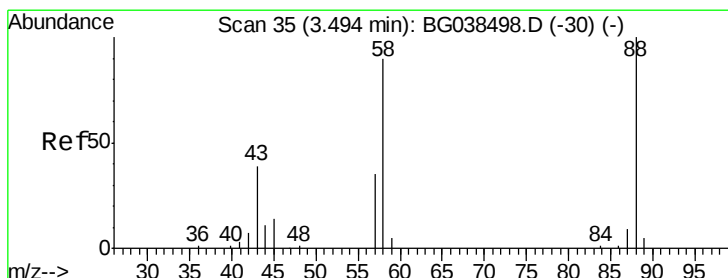
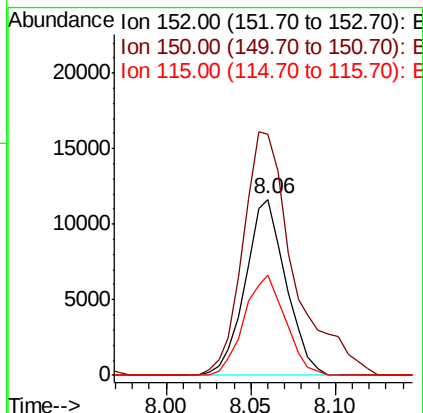
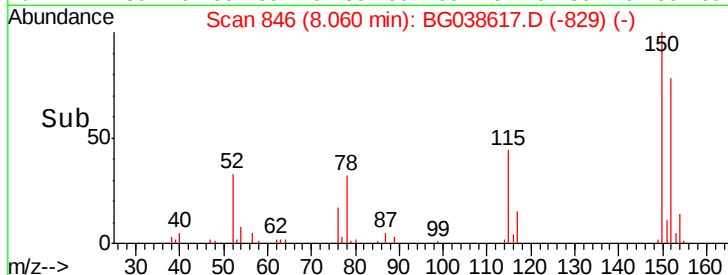
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion:152 Resp: 19485
Ion Ratio Lower Upper
152 100
150 136.6 119.5 179.3
115 56.6 49.6 74.4



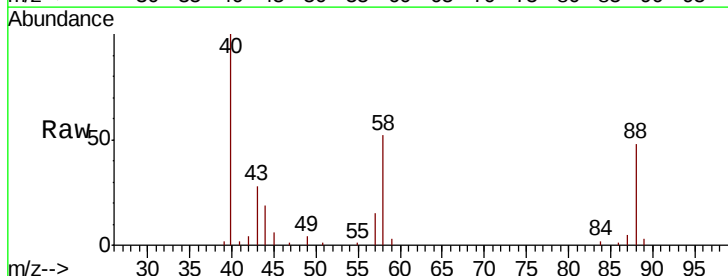
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



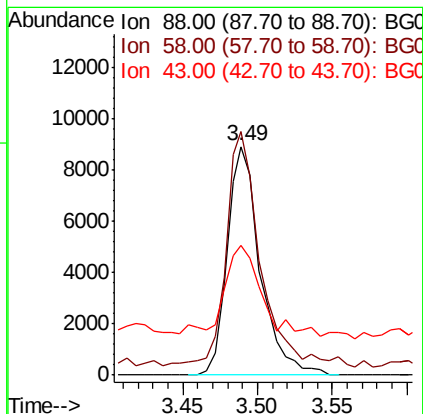
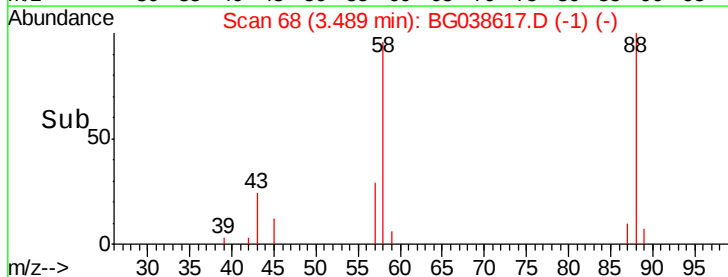
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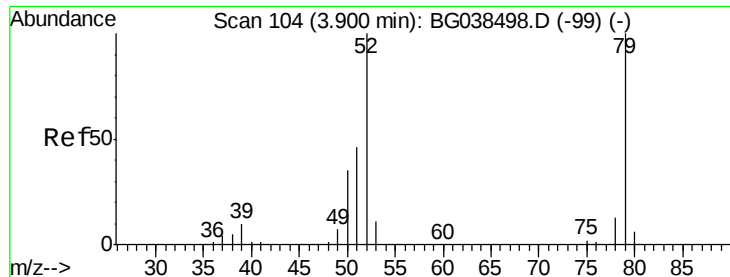
1,4-Dioxane
Concen: 26.863 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion: 88 Resp: 13735
Ion Ratio Lower Upper
88 100
58 108.3 75.7 113.5
43 46.1 31.6 47.4



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





#3

Pyridine

Concen: 26.348 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampled :

PB115697BS

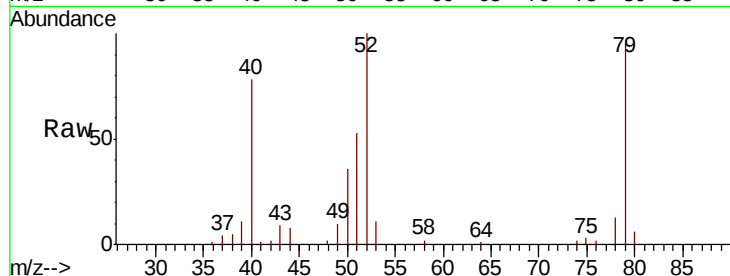
Tgt Ion: 79 Resp: 37091

Ion Ratio Lower Upper

79 100

52 105.2 80.2 120.2

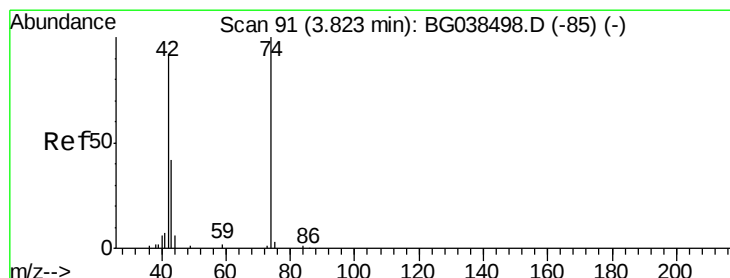
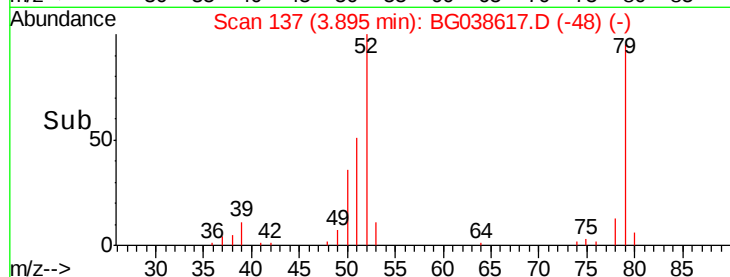
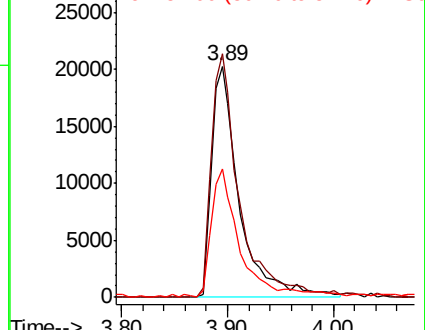
51 55.3 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.965 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

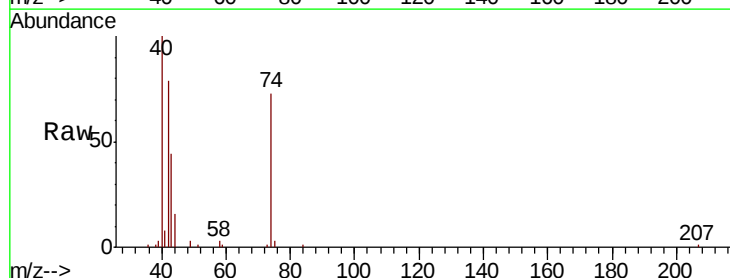
Tgt Ion: 42 Resp: 24117

Ion Ratio Lower Upper

42 100

74 92.7 86.7 130.1

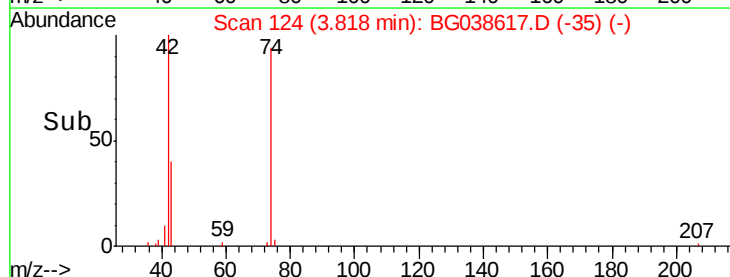
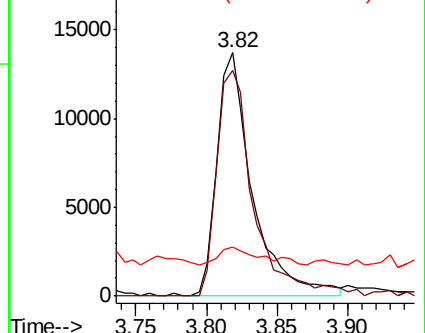
44 19.9 7.8 11.8#



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: 106.333 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

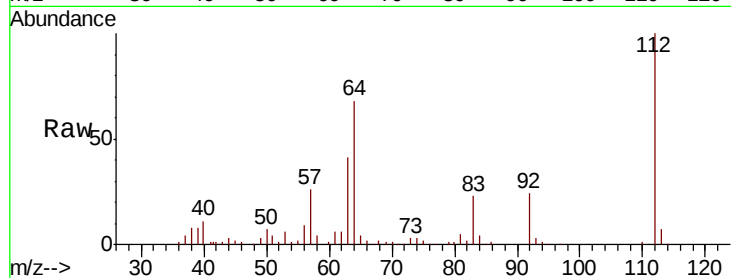
Tgt Ion: 112 Resp: 116815

Ion Ratio Lower Upper

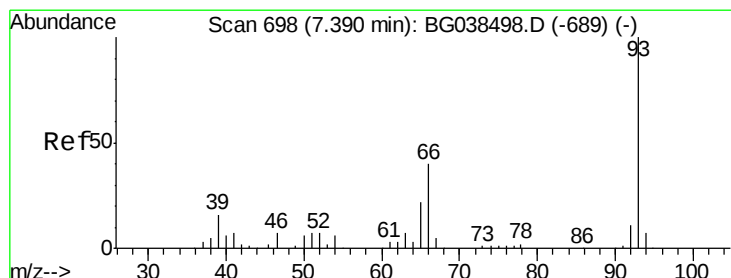
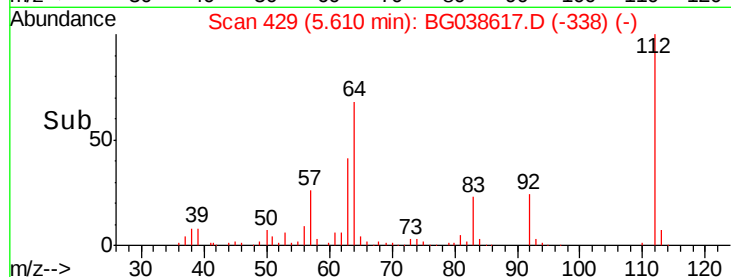
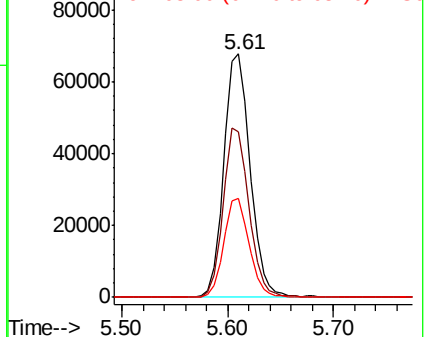
112 100

64 68.1 53.4 80.2

63 40.9 29.3 43.9



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: 20.300 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

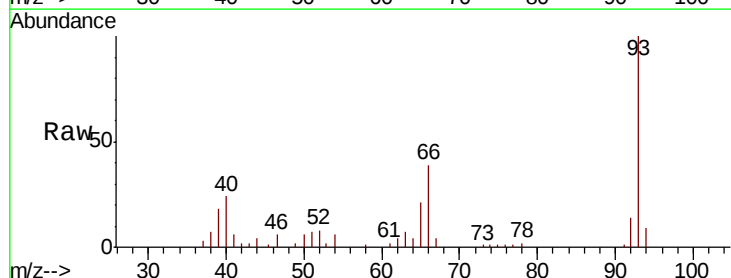
Tgt Ion: 93 Resp: 39083

Ion Ratio Lower Upper

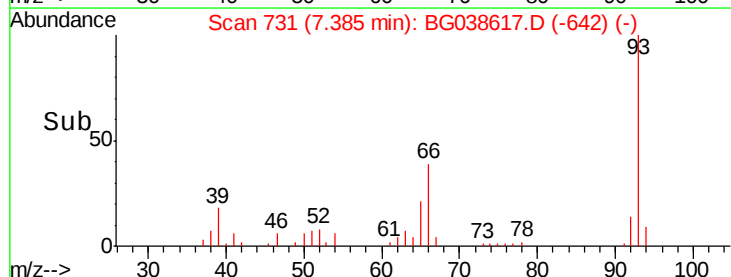
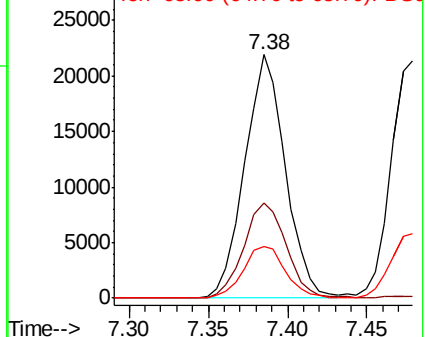
93 100

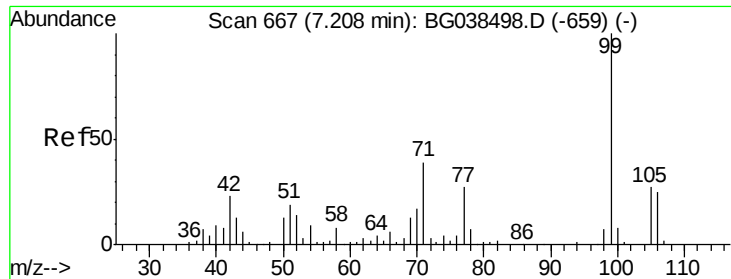
66 38.9 31.7 47.5

65 21.1 17.8 26.6



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: 100.893 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampled :

PB115697BS

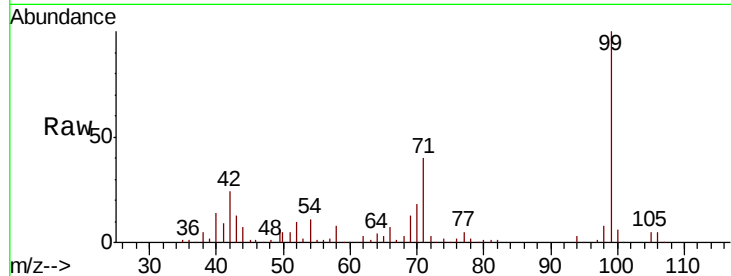
Tgt Ion: 99 Resp: 152160

Ion Ratio Lower Upper

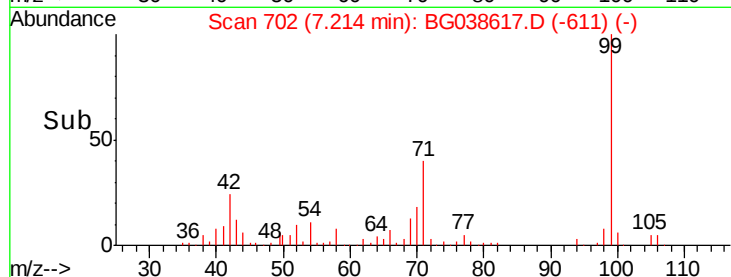
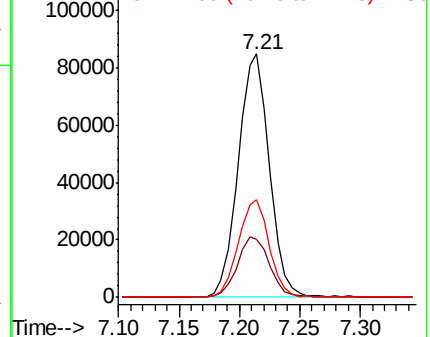
99 100

42 23.6 18.5 27.7

71 40.0 31.1 46.7



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



#8

2-Chlorophenol

Concen: 32.870 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

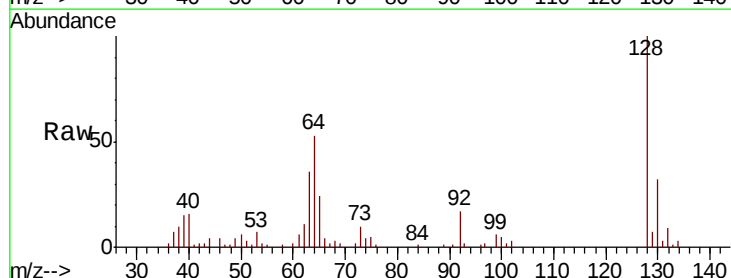
Tgt Ion: 128 Resp: 41788

Ion Ratio Lower Upper

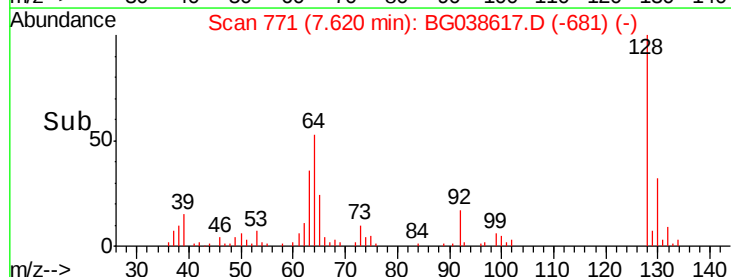
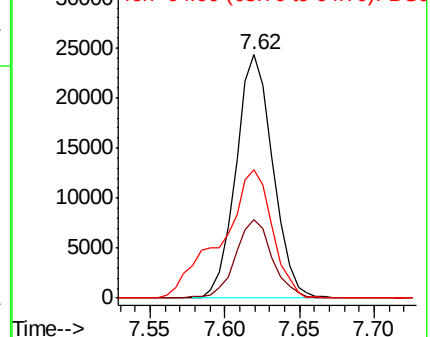
128 100

130 32.4 11.8 51.8

64 52.5 33.2 73.2



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

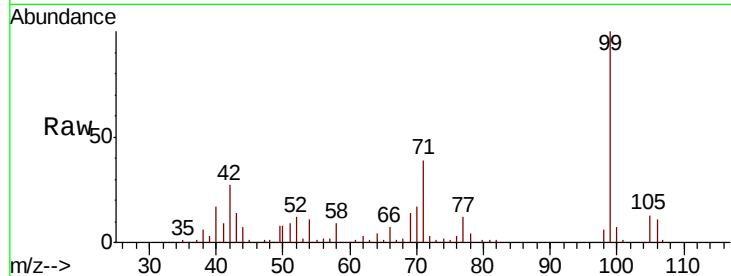




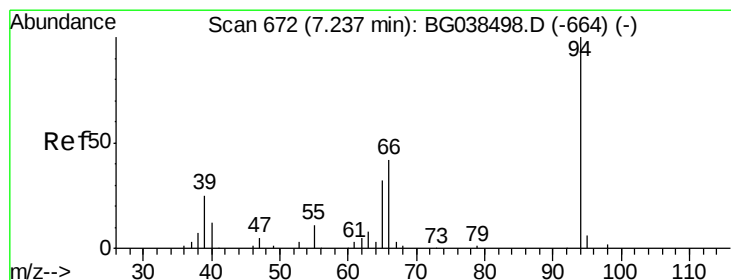
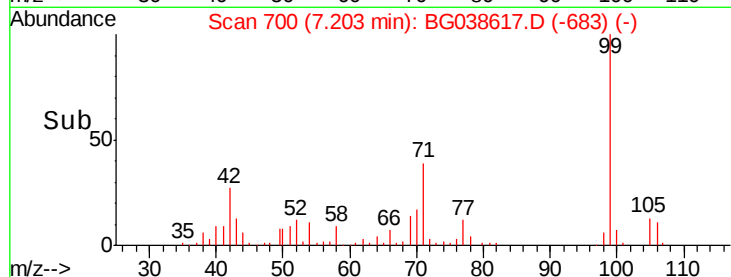
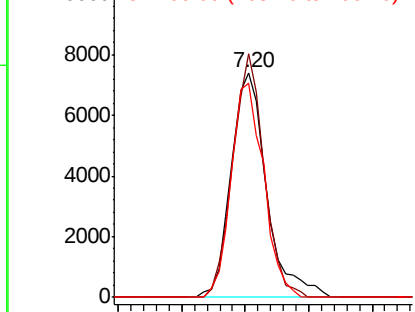
#9
Benzaldehyde
Concen: 14.564 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion: 77 Resp: 14249
Ion Ratio Lower Upper
77 100
105 108.4 74.0 114.0
106 95.2 73.9 113.9

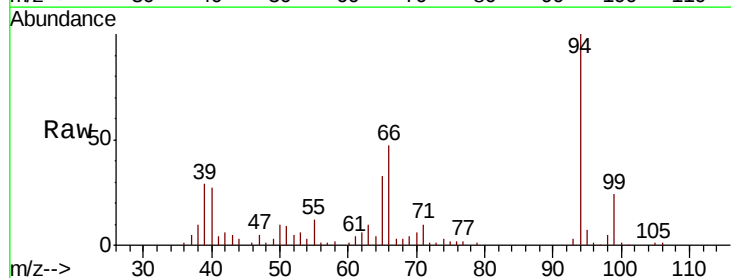


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

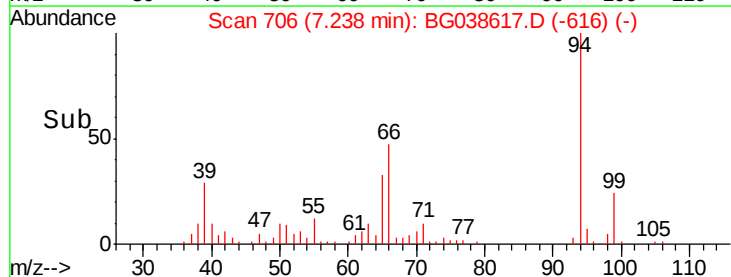
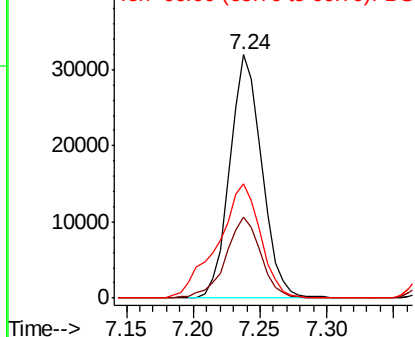


#10
Phenol
Concen: 33.258 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion: 94 Resp: 53288
Ion Ratio Lower Upper
94 100
65 33.5 12.6 52.6
66 46.9 24.1 64.1



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

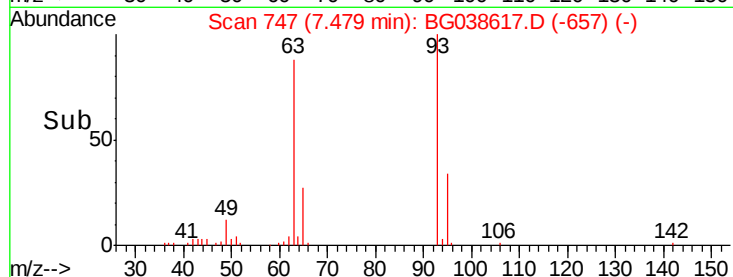
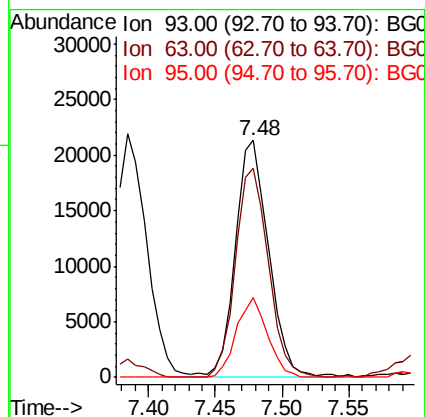
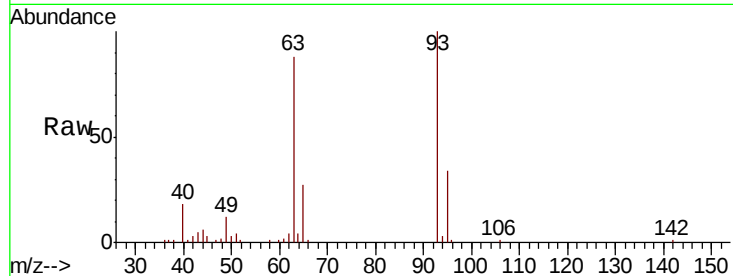




#11
bis(2-Chloroethyl)ether
Concen: 29.053 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

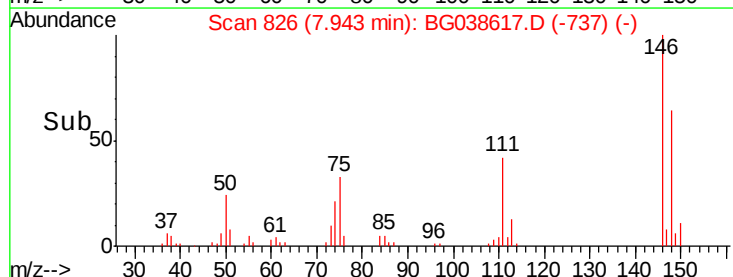
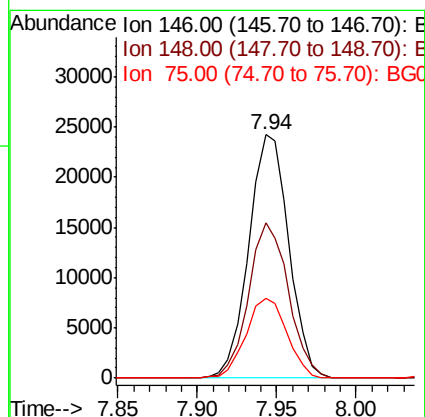
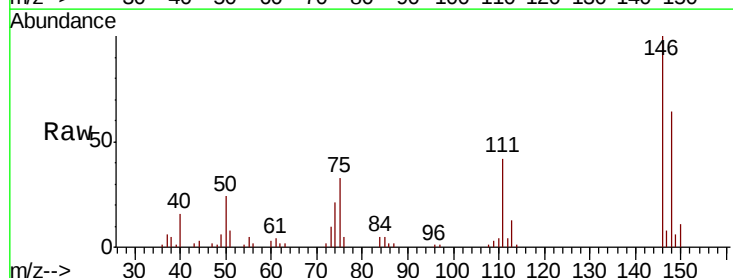
Instrument :
BNA_G
ClientSampleId :
PB115697BS

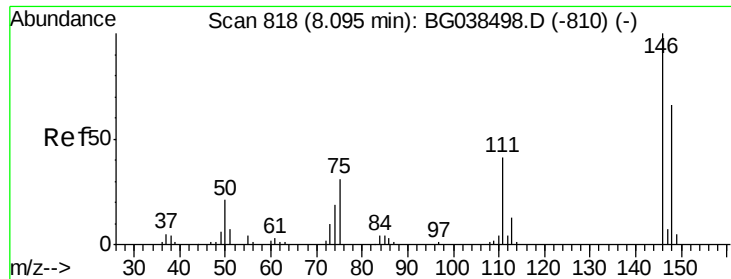
Tgt Ion: 93 Resp: 37061
Ion Ratio Lower Upper
93 100
63 88.4 72.2 112.2
95 33.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 28.223 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion: 146 Resp: 42424
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 32.9 26.1 39.1

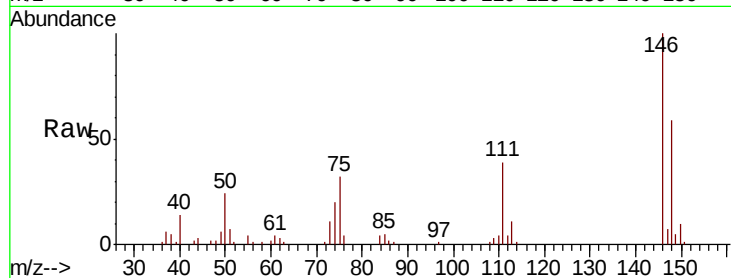




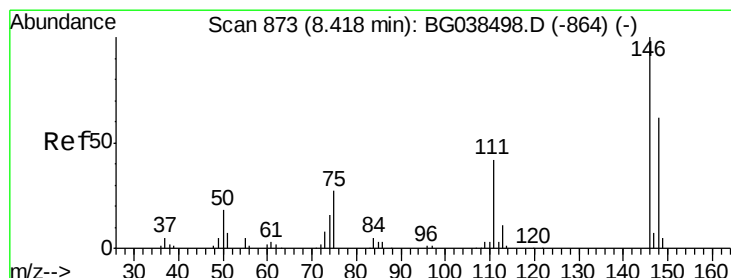
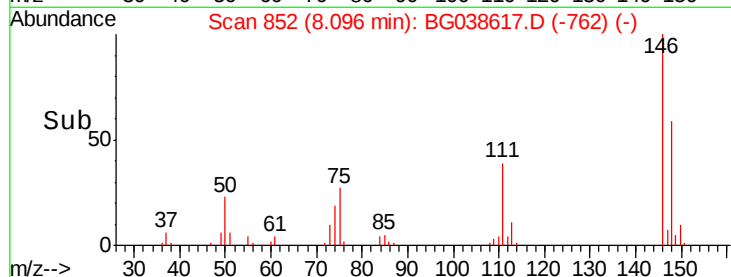
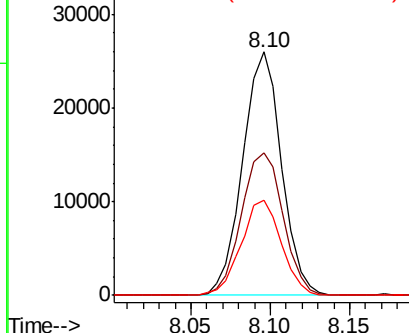
#13
 1,4-Dichlorobenzene
 Concen: 28.715 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion:146 Resp: 44207
 Ion Ratio Lower Upper
 146 100
 148 58.8 52.4 78.6
 111 39.1 33.0 49.4

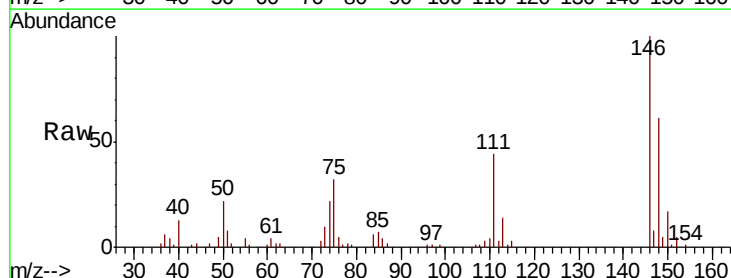


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

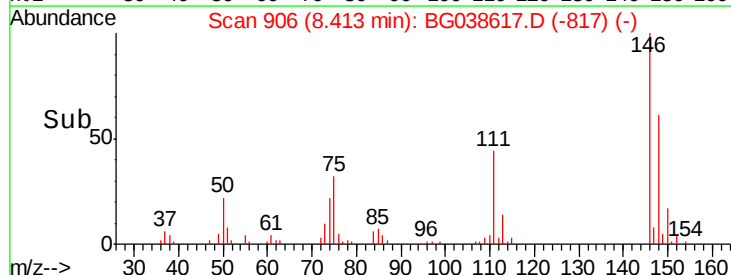
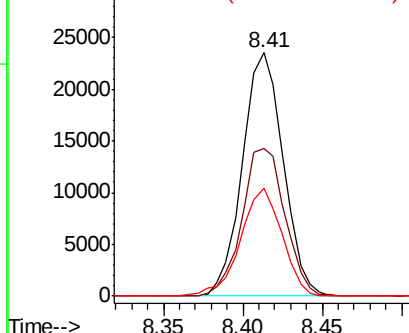


#14
 1,2-Dichlorobenzene
 Concen: 28.966 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:146 Resp: 42040
 Ion Ratio Lower Upper
 146 100
 148 60.5 49.4 74.0
 111 44.5 33.8 50.6



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: 31.397 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

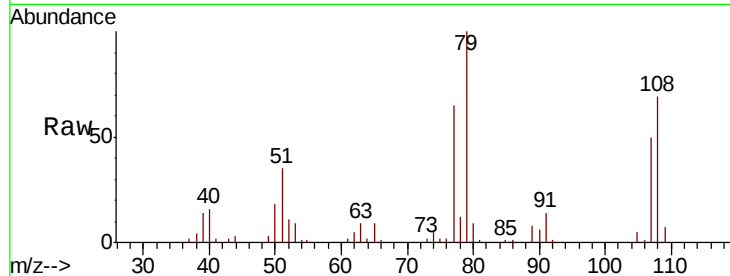
Tgt Ion: 79 Resp: 36959

Ion Ratio Lower Upper

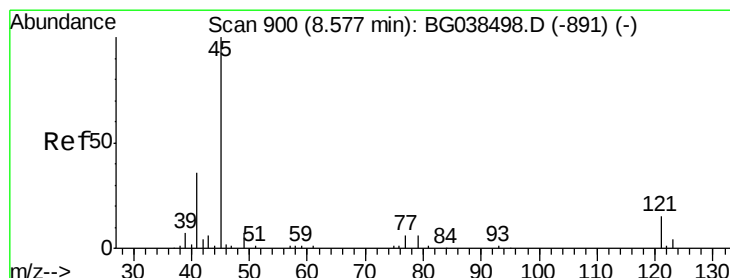
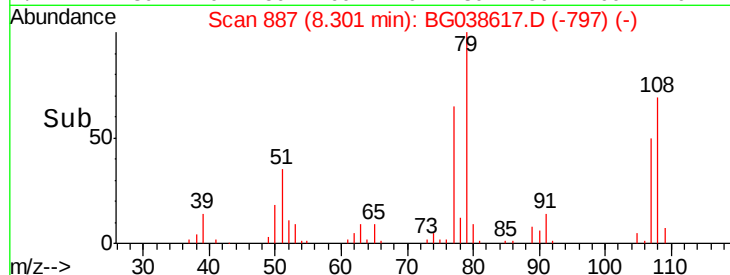
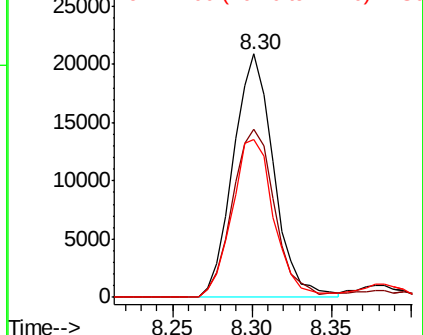
79 100

108 69.2 60.2 90.4

77 65.0 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.222 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

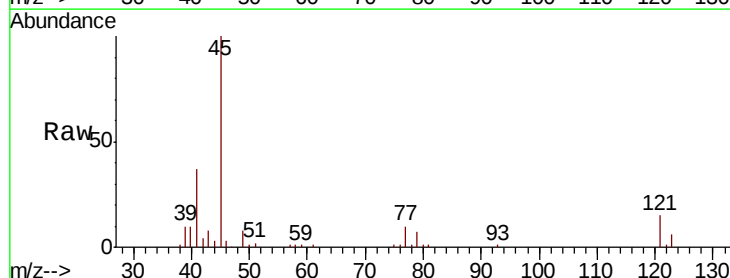
Tgt Ion: 45 Resp: 85392

Ion Ratio Lower Upper

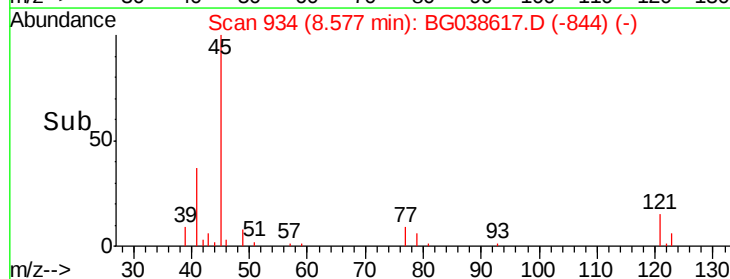
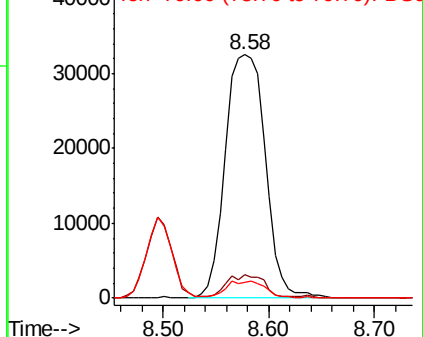
45 100

77 9.8 0.0 28.2

79 6.7 0.0 27.2



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

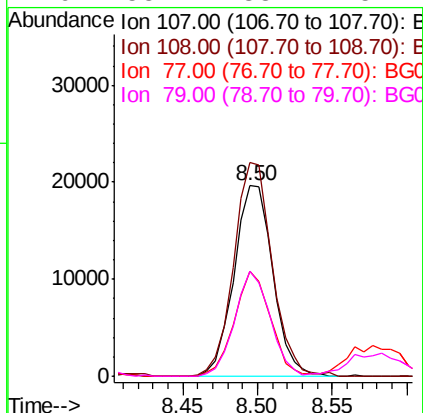
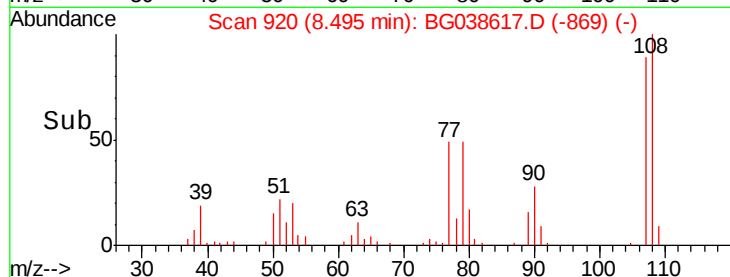
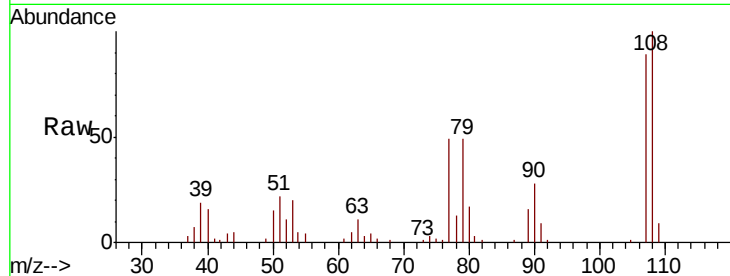




#17
2-Methylphenol
Concen: 33.091 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

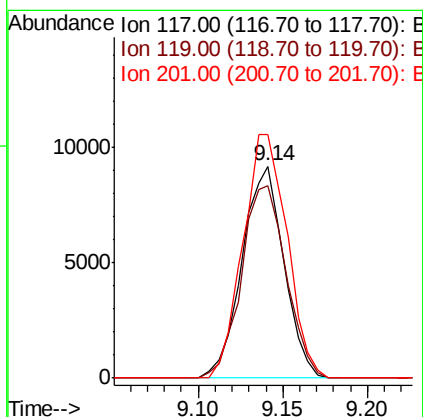
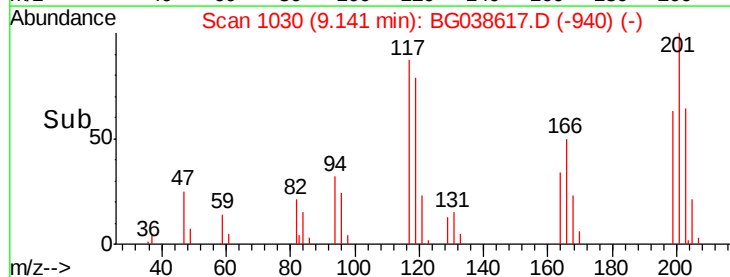
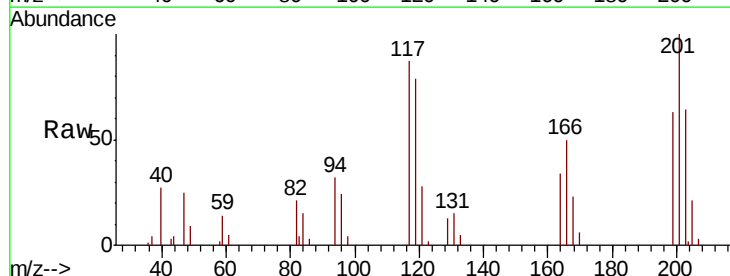
Instrument :
BNA_G
ClientSampleId :
PB115697BS

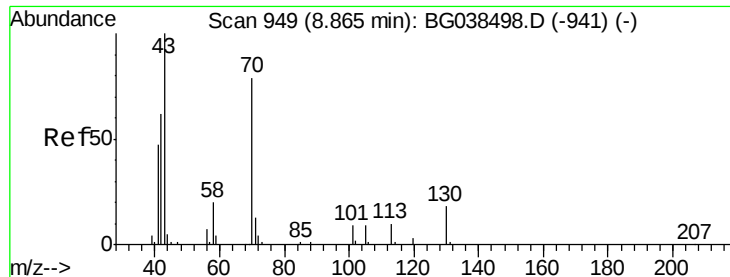
Tgt Ion:107 Resp: 35523
Ion Ratio Lower Upper
107 100
108 112.0 87.1 130.7
77 55.2 42.0 63.0
79 55.2 38.2 57.2



#18
Hexachloroethane
Concen: 28.131 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:117 Resp: 15825
Ion Ratio Lower Upper
117 100
119 91.2 73.8 110.8
201 115.1 89.4 134.0

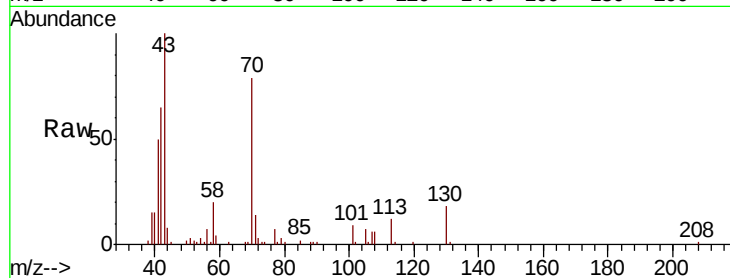




#19
n-Nitroso-di-n-propylamine
Concen: 28.284 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion:	70	Resp:	29959
Ion	Ratio	Lower	Upper
70	100		
42	81.2	63.6	95.4
101	10.9	9.2	13.8
130	22.1	18.5	27.7



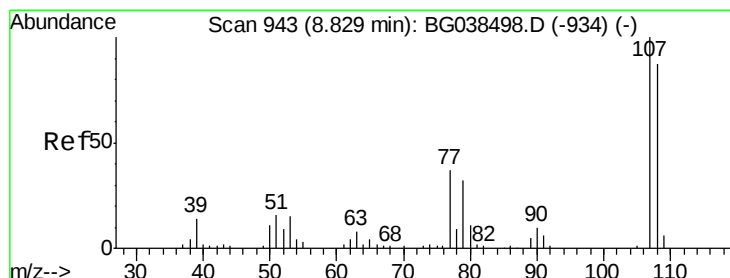
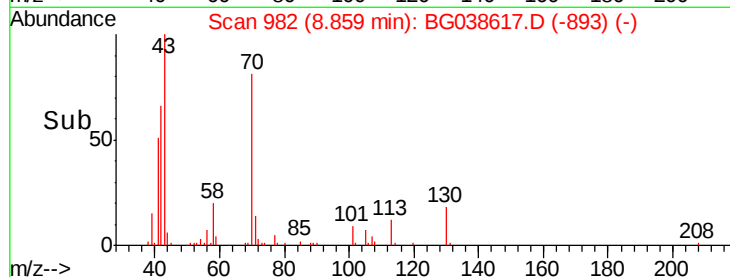
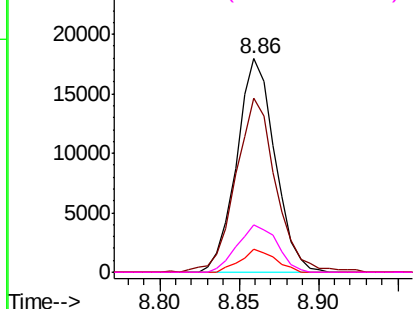
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

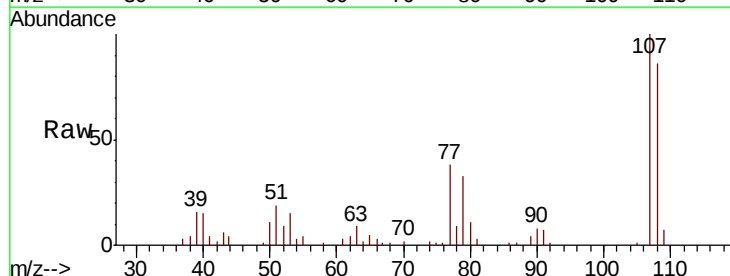
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 32.353 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:	107	Resp:	47964
Ion	Ratio	Lower	Upper
107	100		
108	85.6	66.7	106.7
77	38.3	17.3	57.3
79	33.2	12.3	52.3



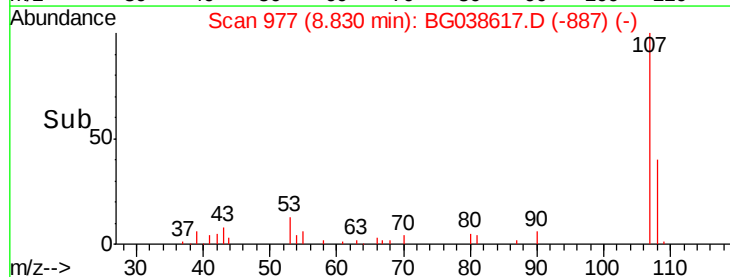
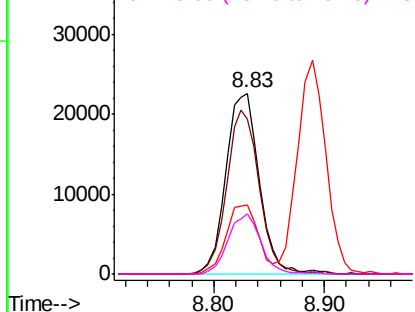
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

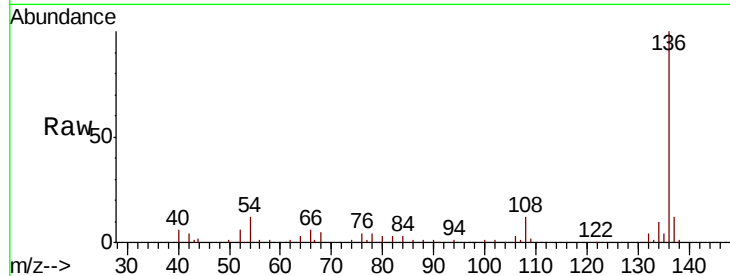




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion:	136	Resp:	76688
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	11.6	8.5	12.7
68	4.7	3.5	5.3



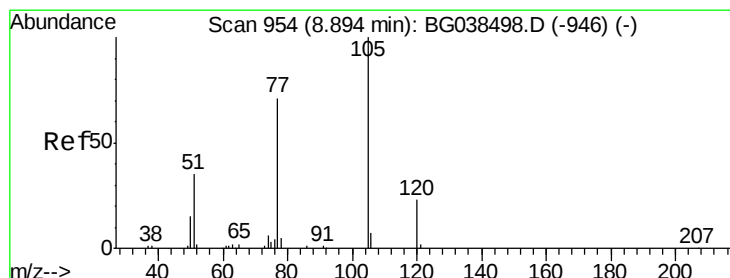
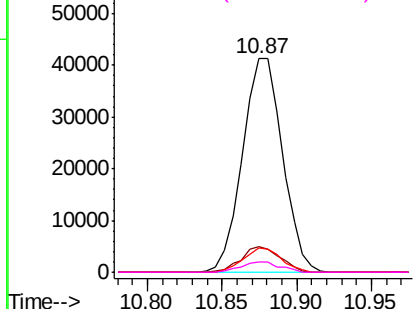
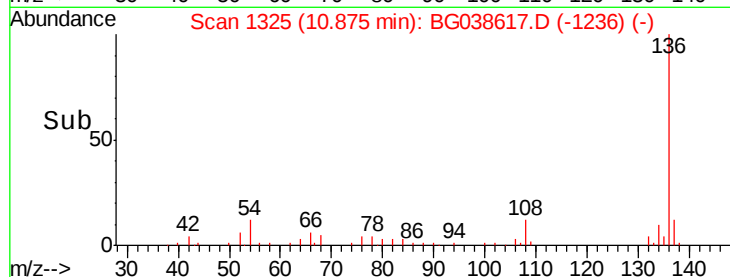
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

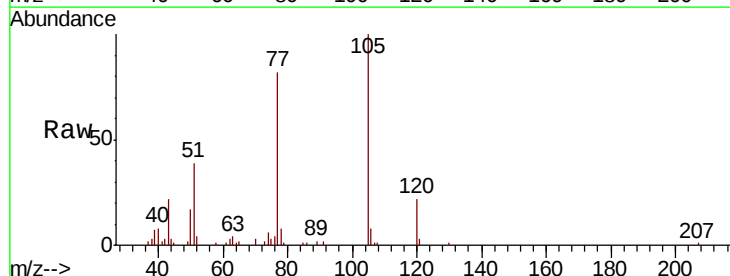
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 30.912 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:	105	Resp:	59212
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	39.2	30.6	46.0
120	22.0	18.6	28.0



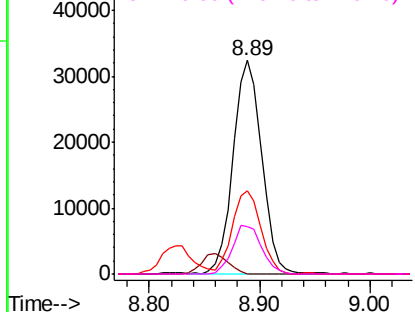
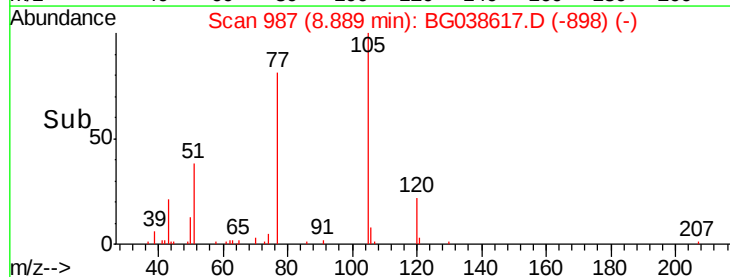
Abundance

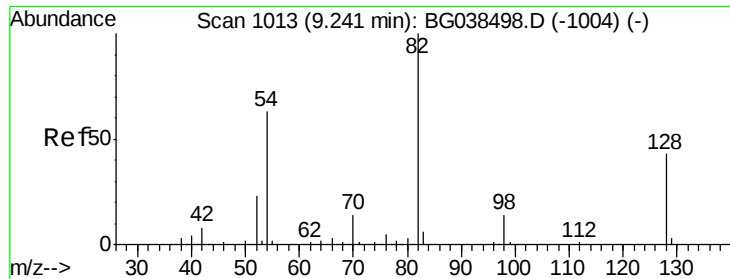
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

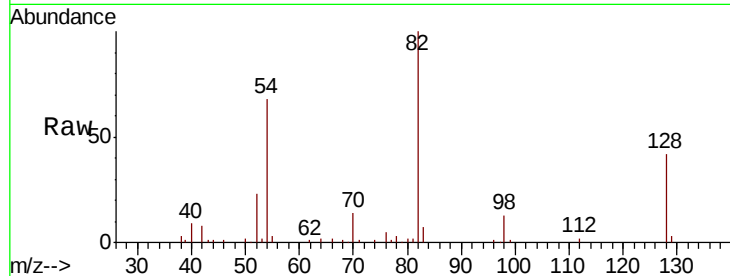




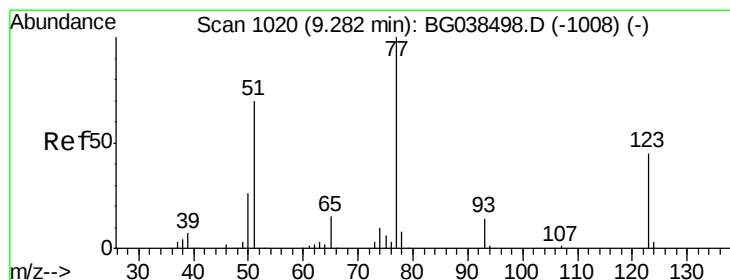
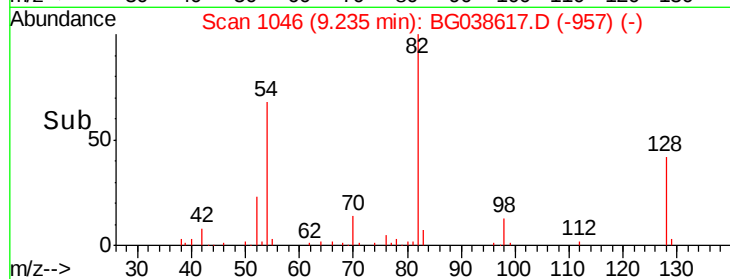
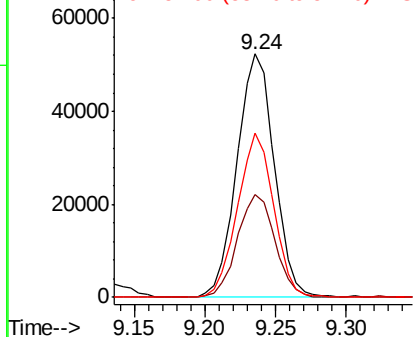
#23
 Nitrobenzene-d5
 Concen: 64.432 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion: 82 Resp: 96721
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 52.0
 54 67.6 50.6 76.0

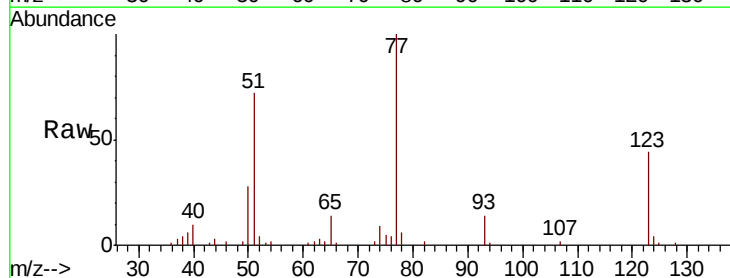


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

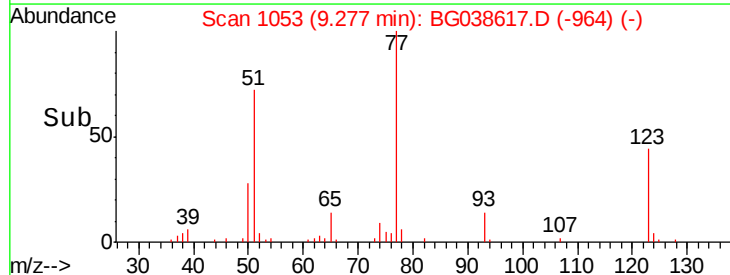
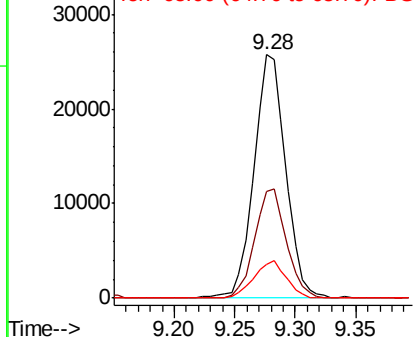


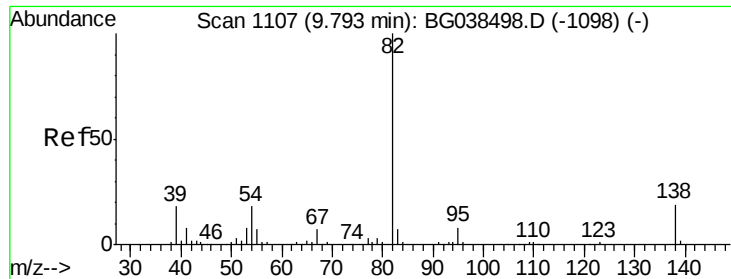
#24
 Nitrobenzene
 Concen: 30.804 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion: 77 Resp: 46778
 Ion Ratio Lower Upper
 77 100
 123 43.6 35.9 53.9
 65 13.9 12.0 18.0



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

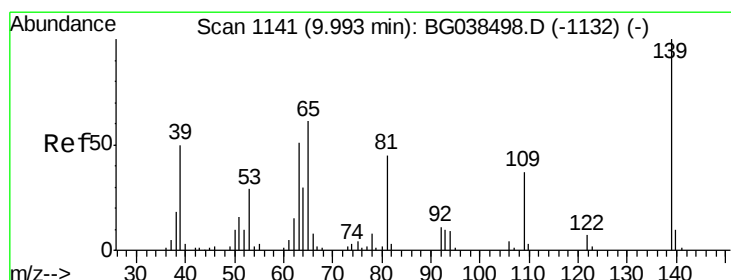
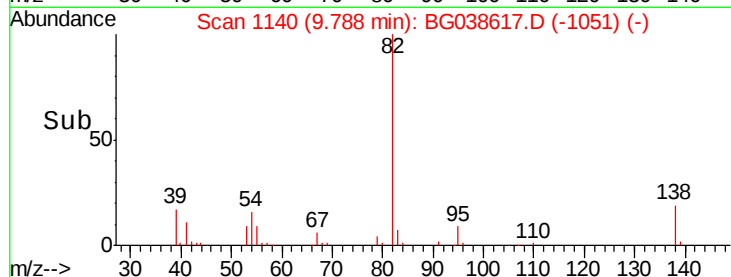
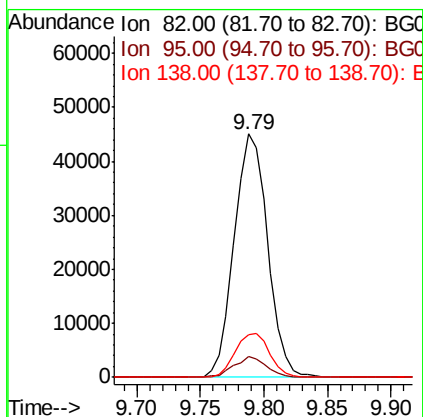
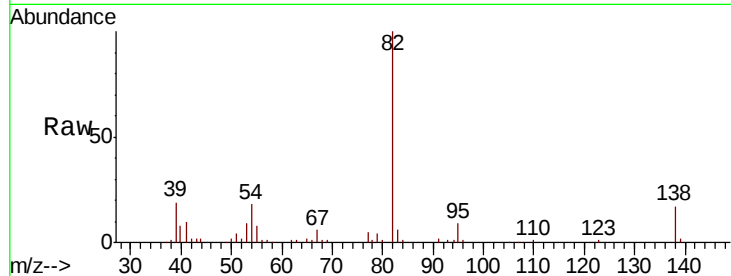




#25
Isophorone
Concen: 30.585 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

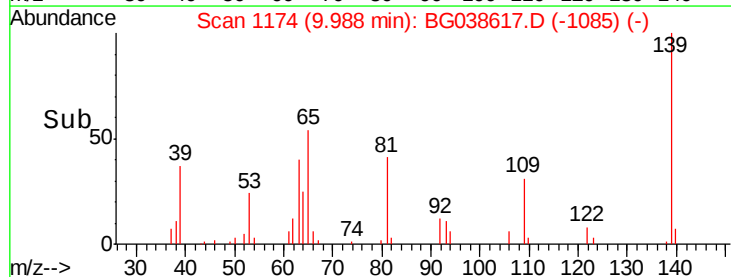
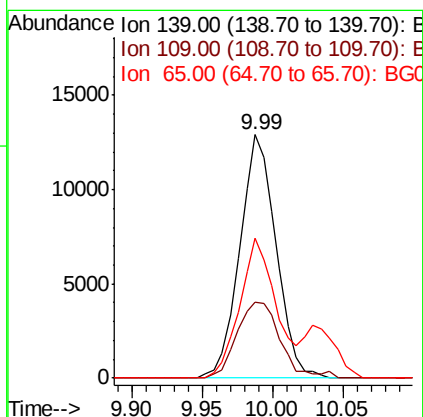
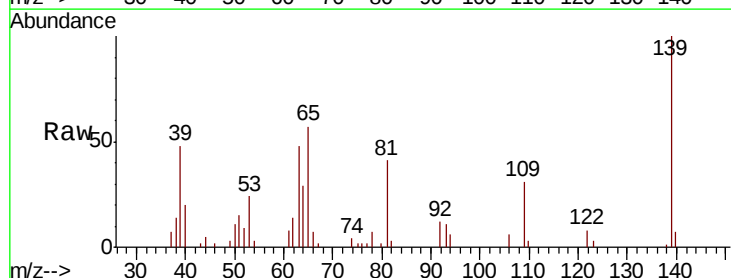
Instrument :
BNA_G
ClientSampleId :
PB115697BS

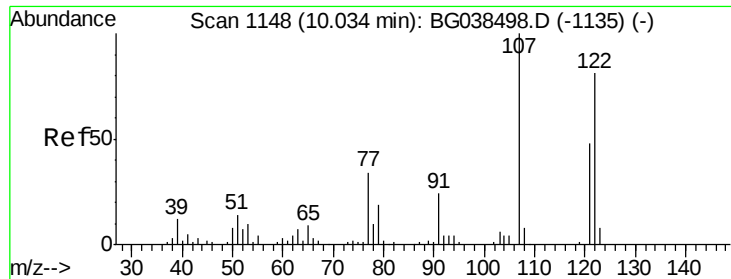
Tgt Ion: 82 Resp: 82491
Ion Ratio Lower Upper
82 100
95 8.5 6.1 9.1
138 17.4 14.9 22.3



#26
2-Nitrophenol
Concen: 29.799 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion: 139 Resp: 23161
Ion Ratio Lower Upper
139 100
109 31.3 29.5 44.3
65 57.5 48.5 72.7

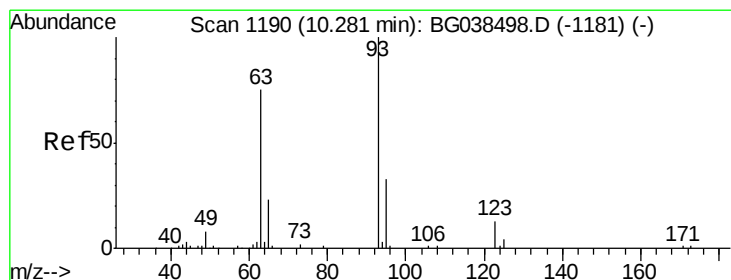
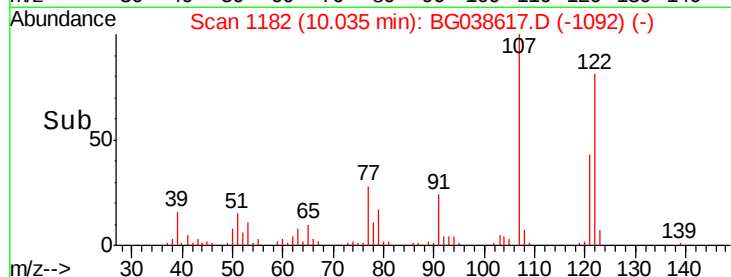
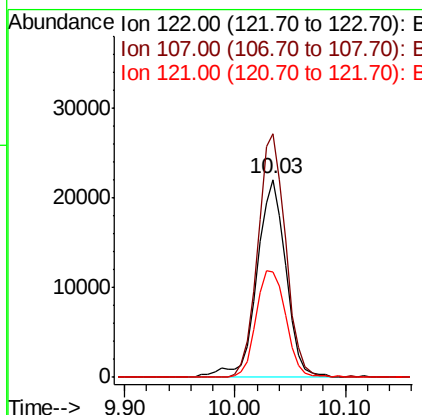
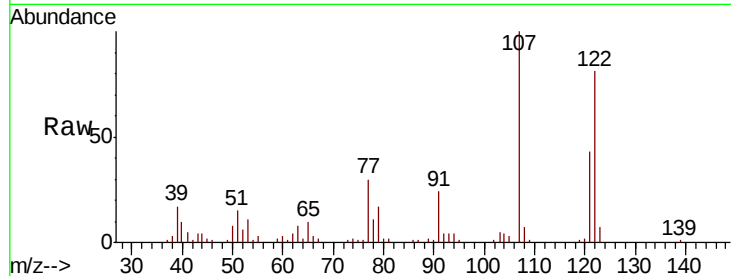




#27
 2,4-Dimethylphenol
 Concen: 36.473 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

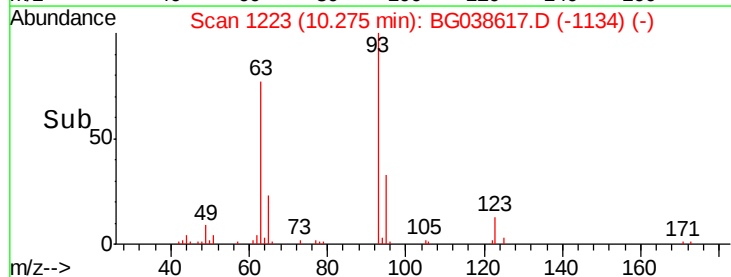
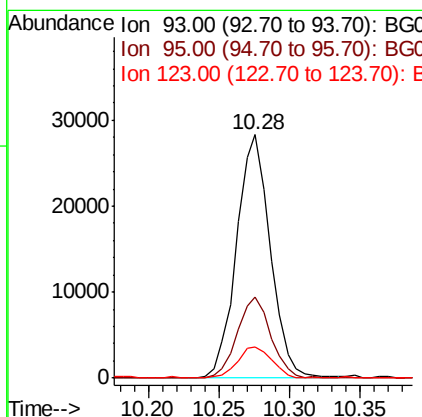
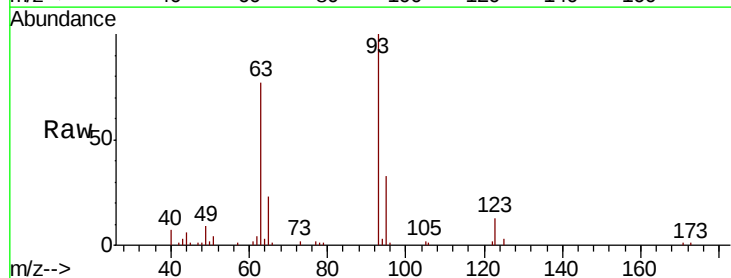
Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

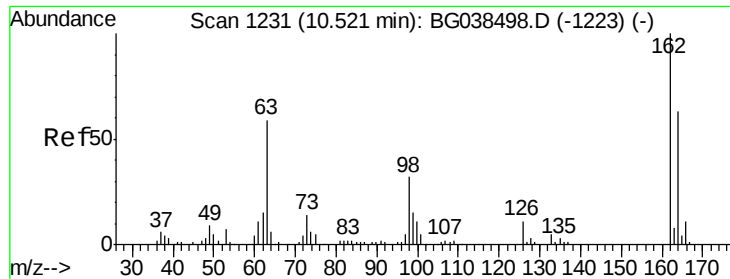
Tgt Ion: 122 Resp: 40628
 Ion Ratio Lower Upper
 122 100
 107 123.2 98.4 147.6
 121 53.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.206 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion: 93 Resp: 47497
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 40.0
 123 12.5 10.6 16.0

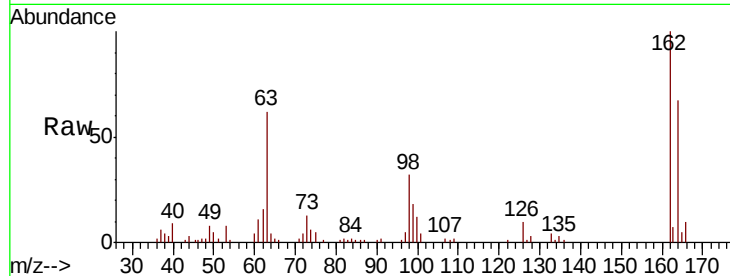




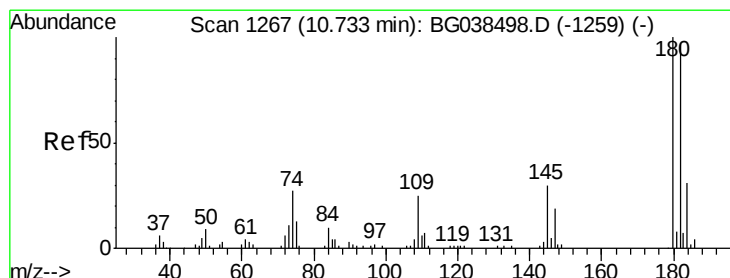
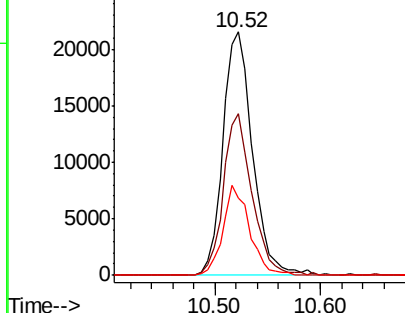
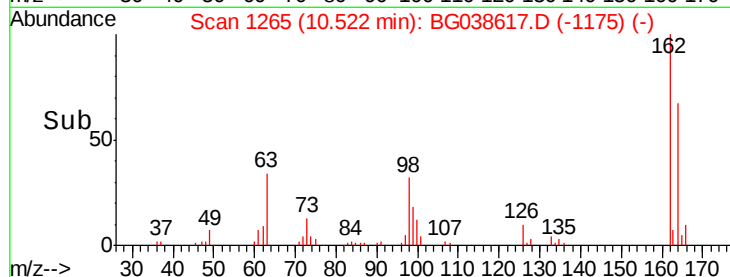
#29
 2,4-Dichlorophenol
 Concen: 33.750 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.7	42.9	82.9
98	31.6	12.1	52.1

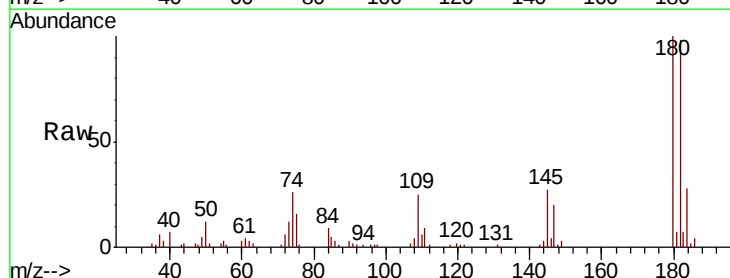


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

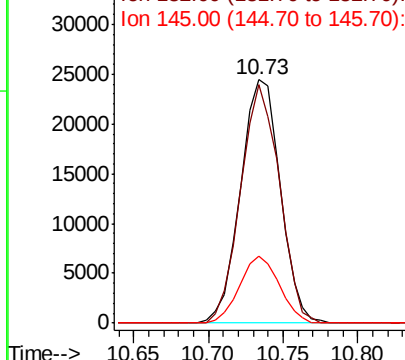
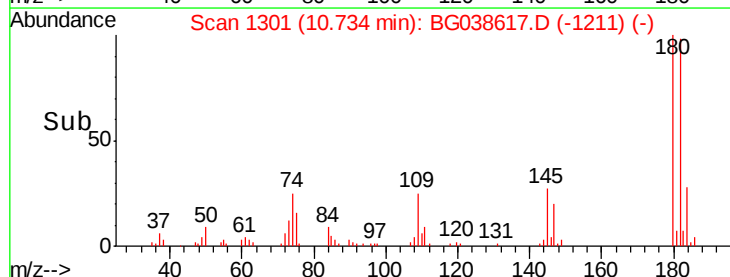


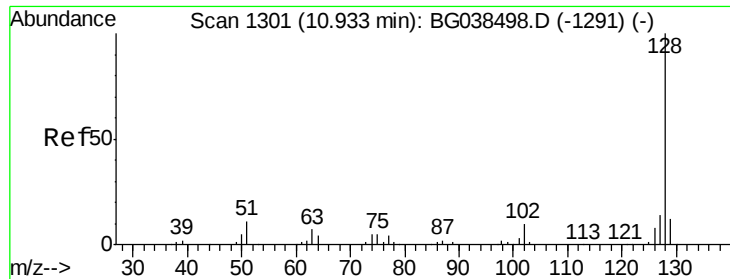
#30
 1,2,4-Trichlorobenzene
 Concen: 30.156 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.4	116.0
145	27.5	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

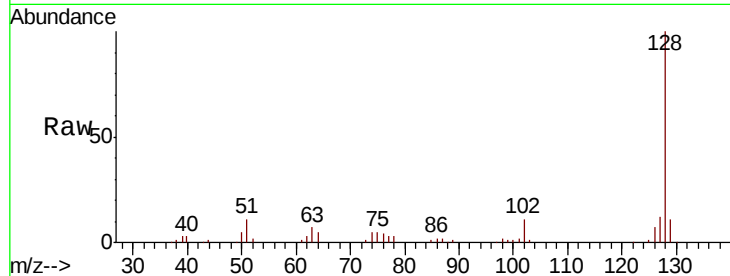




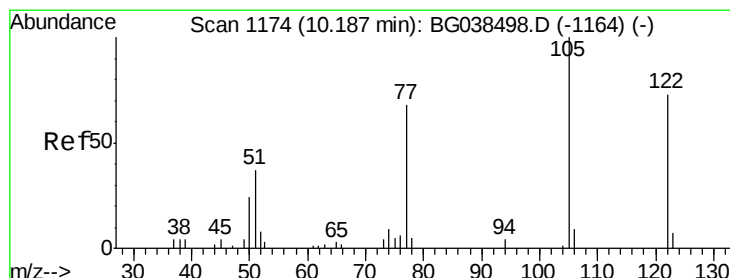
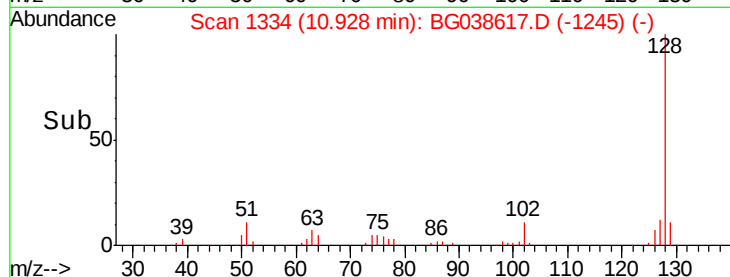
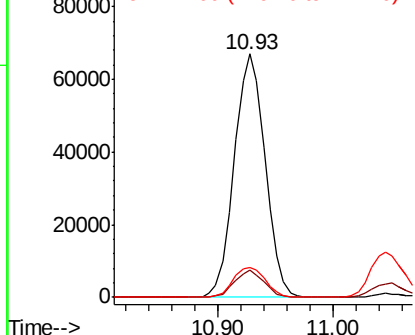
#31
Naphthalene
Concen: 32.805 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion:128 Resp: 123953
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 12.4 10.9 16.3

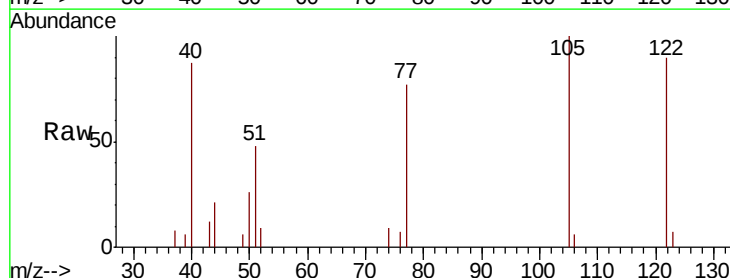


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

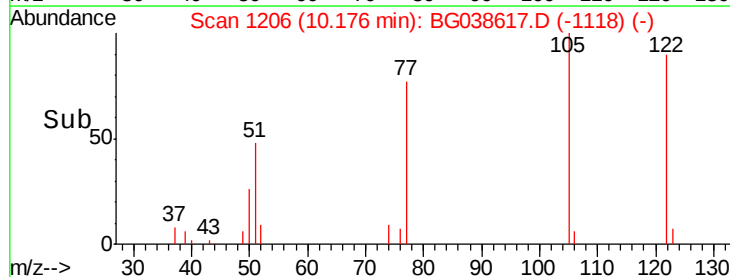
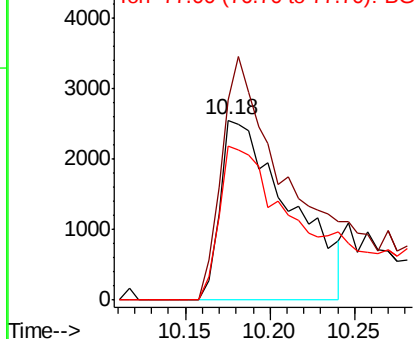


#32
Benzoic acid
Concen: 18.255 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:122 Resp: 7262
Ion Ratio Lower Upper
122 100
105 110.9 116.7 156.7#
77 85.8 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

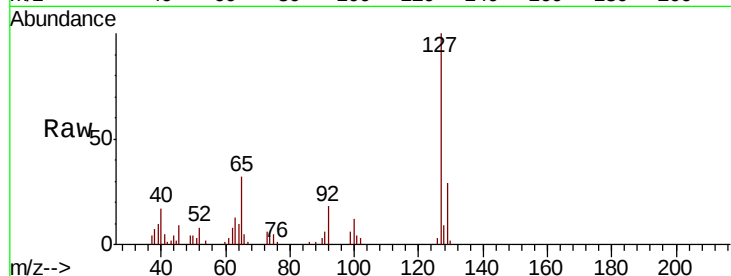




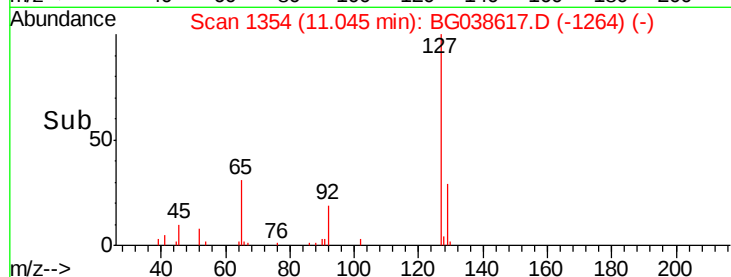
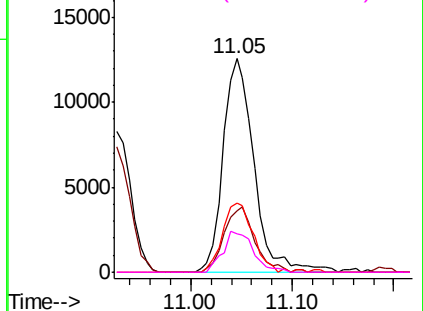
#33
4-Chloroaniline
Concen: 16.113 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion:127 Resp: 26433
Ion Ratio Lower Upper
127 100
129 28.7 25.8 38.8
65 32.1 27.8 41.6
92 18.2 17.0 25.6

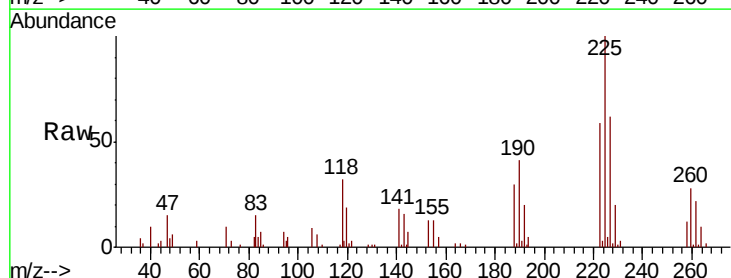


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

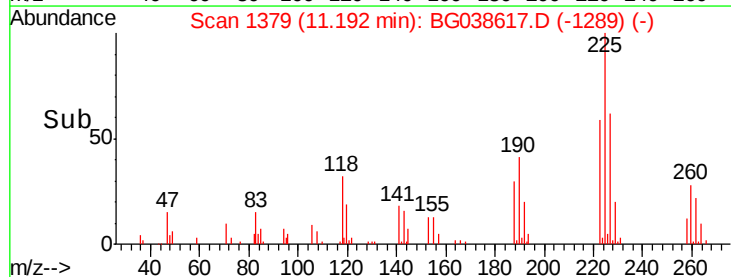
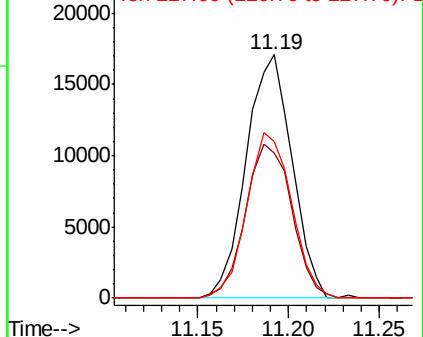


#34
Hexachlorobutadiene
Concen: 29.619 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:225 Resp: 29999
Ion Ratio Lower Upper
225 100
223 62.4 45.0 67.6
227 64.4 50.6 75.8



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

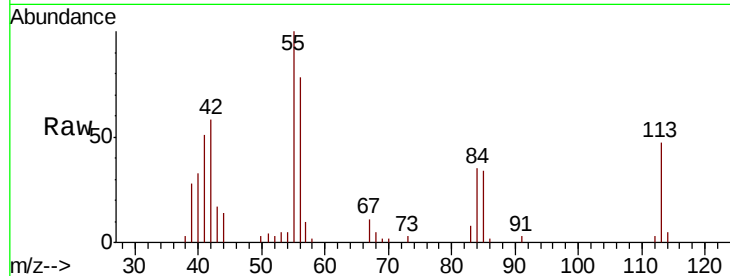




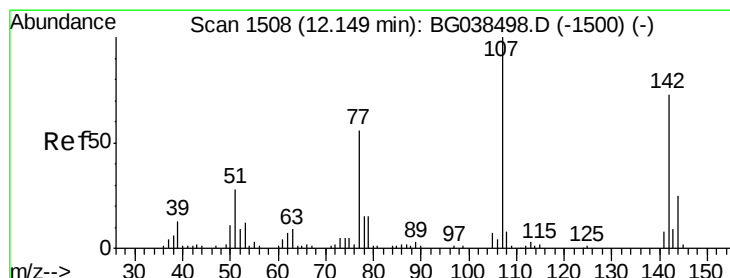
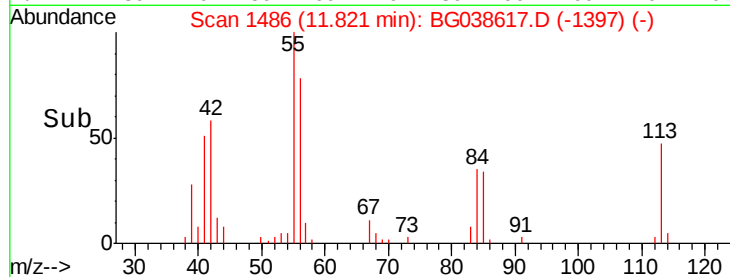
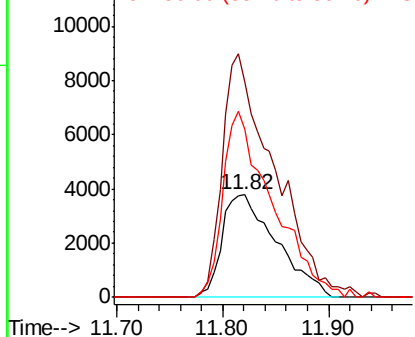
#35
 Caprolactam
 Concen: 26.383 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion:113 Resp: 13530
 Ion Ratio Lower Upper
 113 100
 55 210.7 204.3 244.3
 56 164.9 135.0 175.0

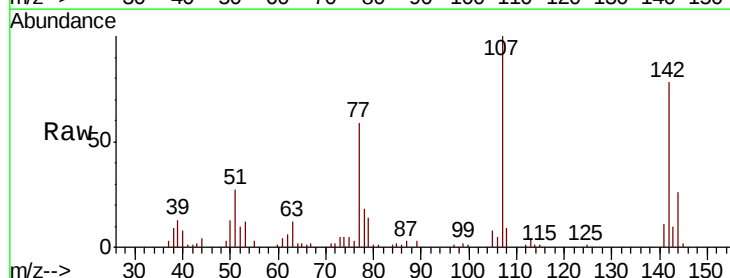


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

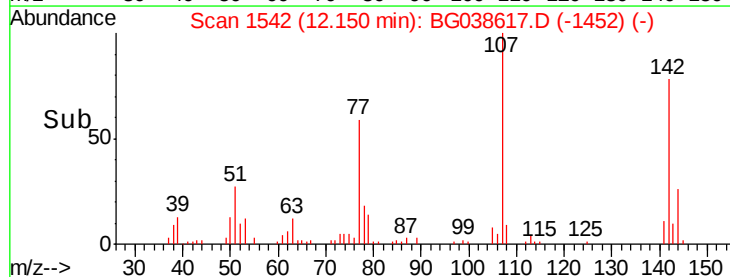
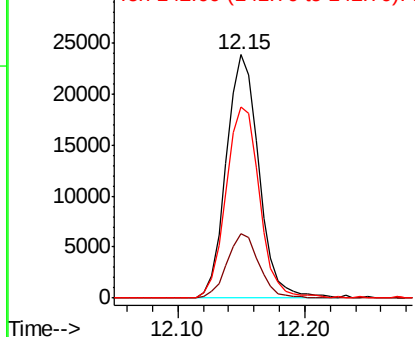


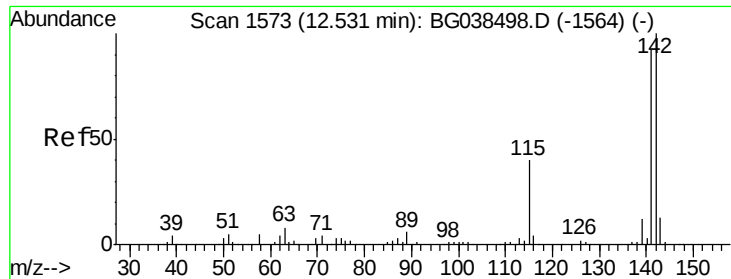
#36
 4-Chloro-3-methylphenol
 Concen: 29.959 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:107 Resp: 42366
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 78.2 58.7 88.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

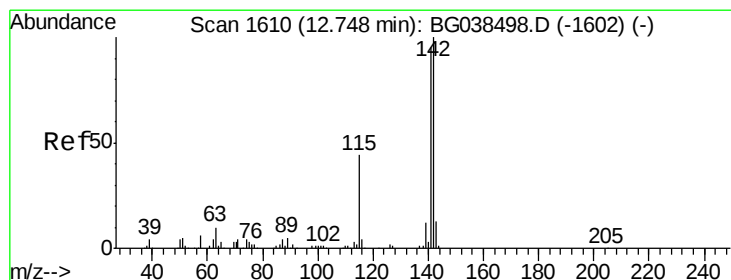
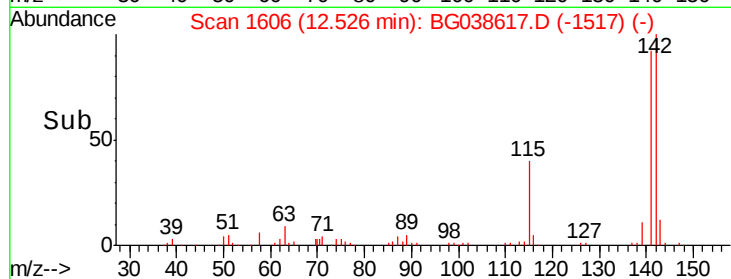
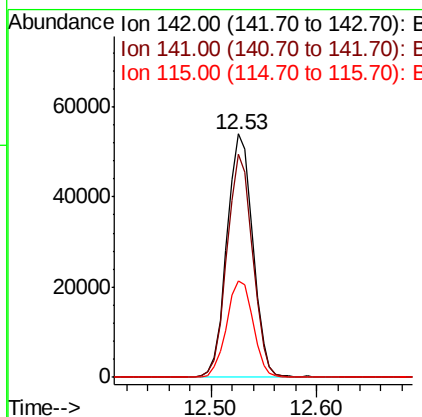
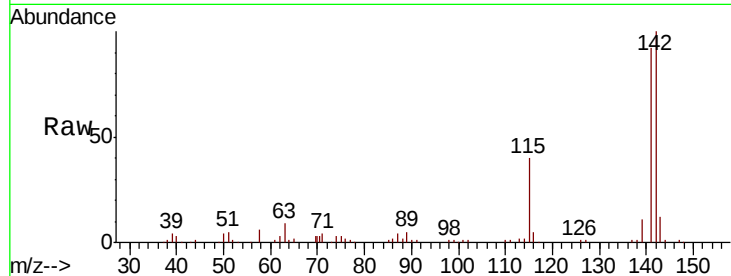




#37
 2-Methylnaphthalene
 Concen: 33.872 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

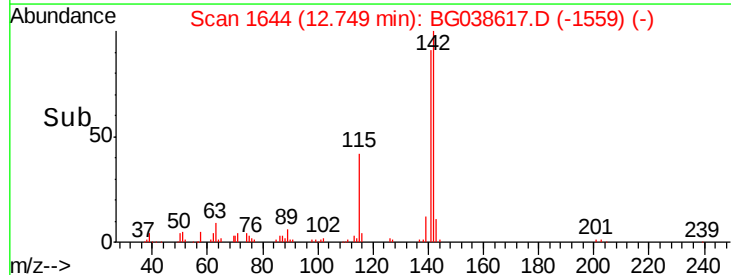
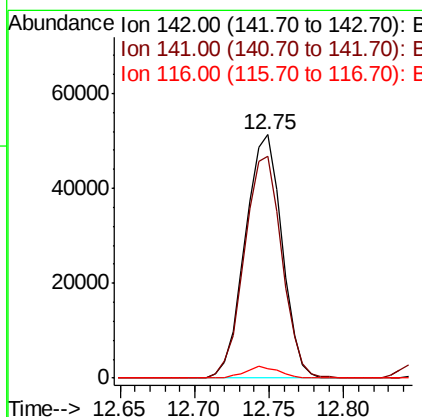
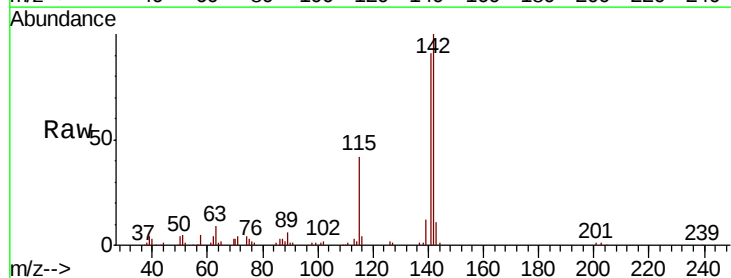
Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

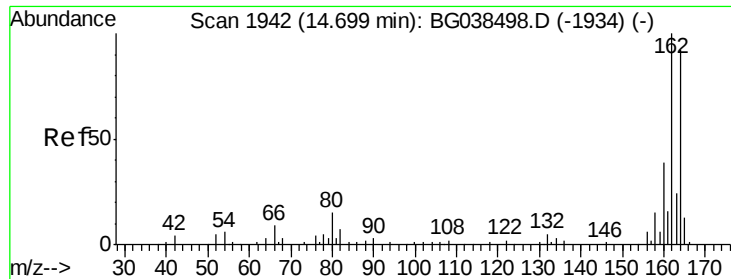
Tgt Ion:142 Resp: 91307
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.5 110.3
 115 39.8 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 33.463 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:142 Resp: 87531
 Ion Ratio Lower Upper
 142 100
 141 91.0 75.8 113.8
 116 3.7 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

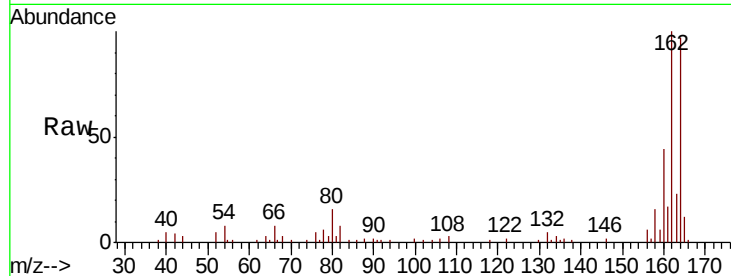
Tgt Ion:164 Resp: 47846

Ion Ratio Lower Upper

164 100

162 102.9 86.6 130.0

160 45.6 34.2 51.2

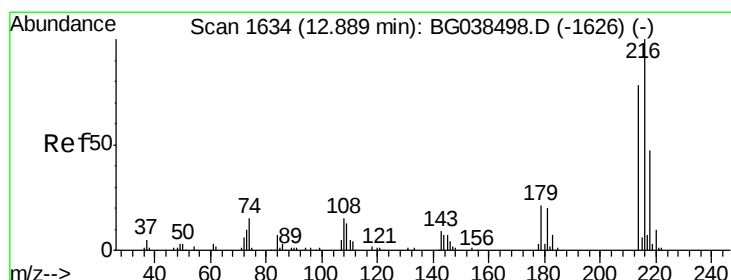
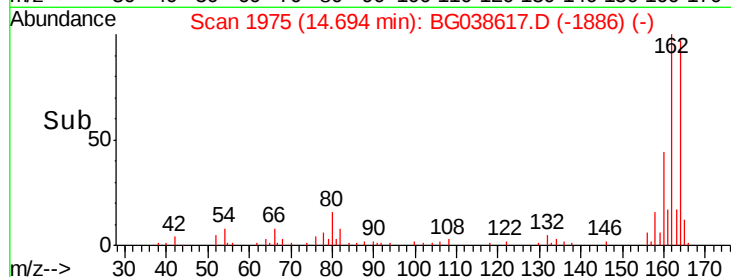
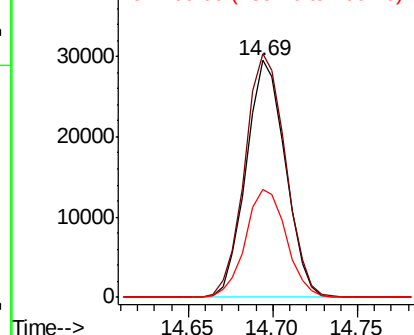


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.577 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Tgt Ion:216 Resp: 52898

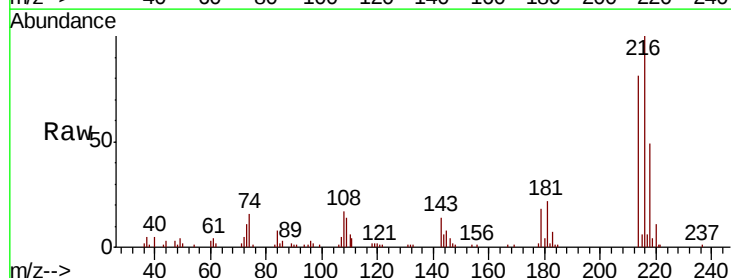
Ion Ratio Lower Upper

216 100

214 78.7 64.1 96.1

179 19.6 16.4 24.6

108 18.9 13.9 20.9



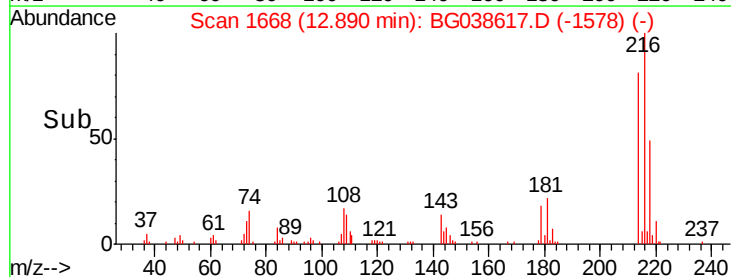
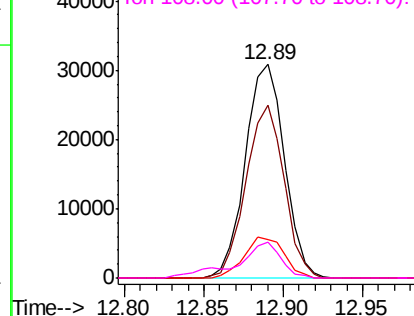
Abundance

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





#41

Hexachlorocyclopentadiene

Concen: 73.730 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

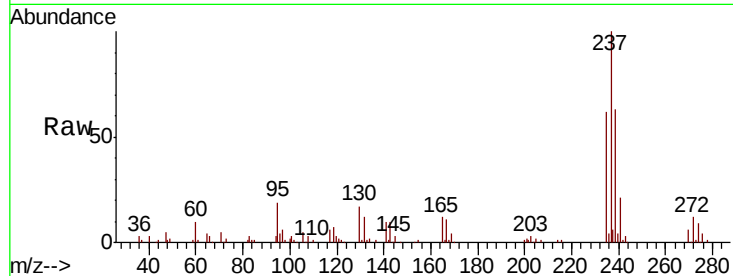
Tgt Ion:237 Resp: 72445

Ion Ratio Lower Upper

237 100

235 61.7 38.8 78.8

272 12.1 0.0 32.0

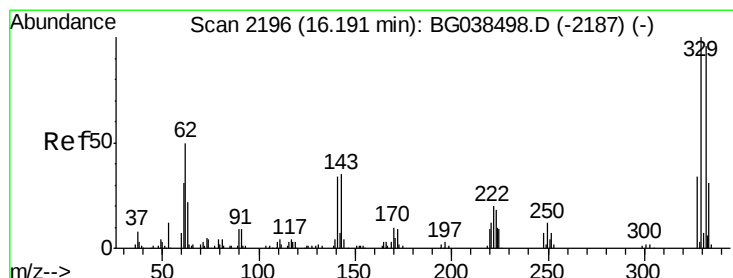
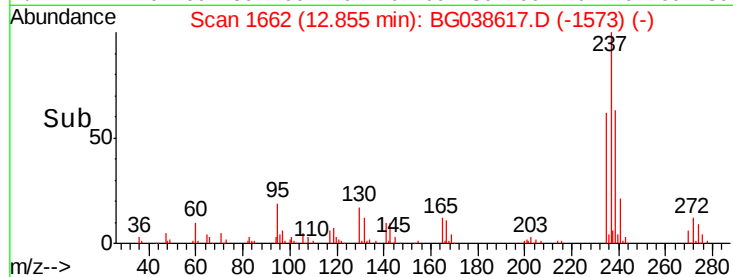
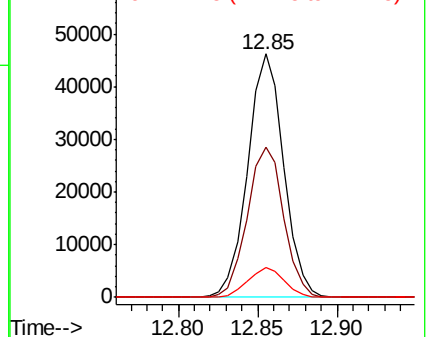


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 100.820 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

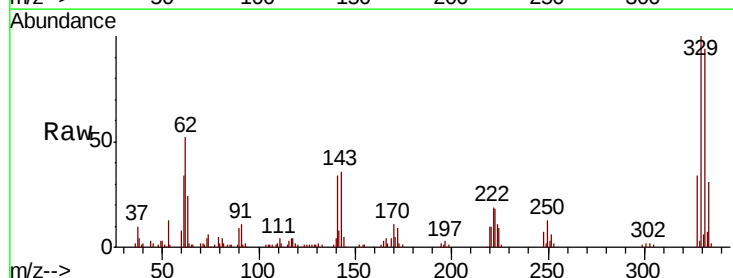
Tgt Ion:330 Resp: 66481

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 35.8 28.8 43.2

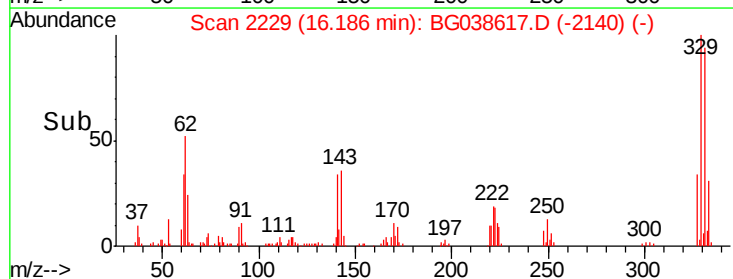
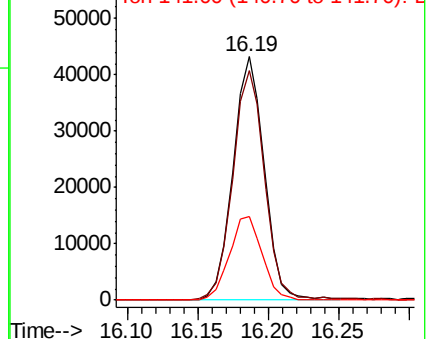


Abundance

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

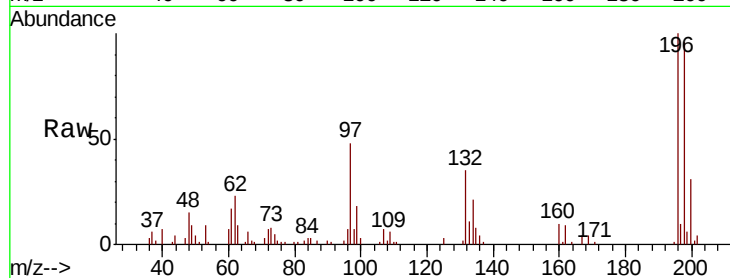




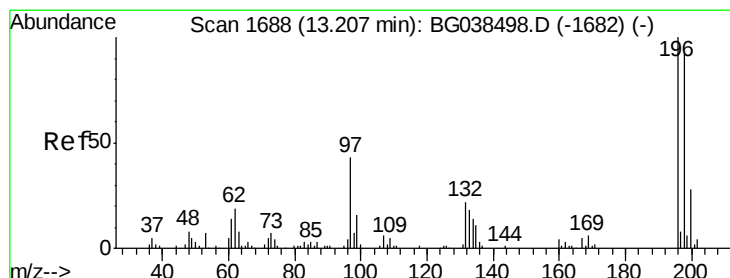
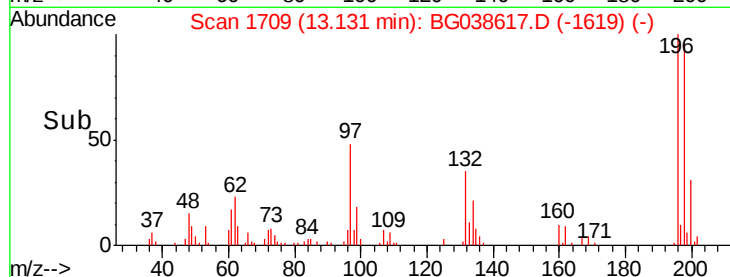
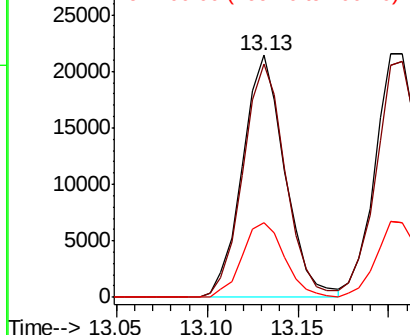
#43
 2,4,6-Trichlorophenol
 Concen: 31.632 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion:196 Resp: 34785
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.0 112.4
 200 30.6 22.4 33.6



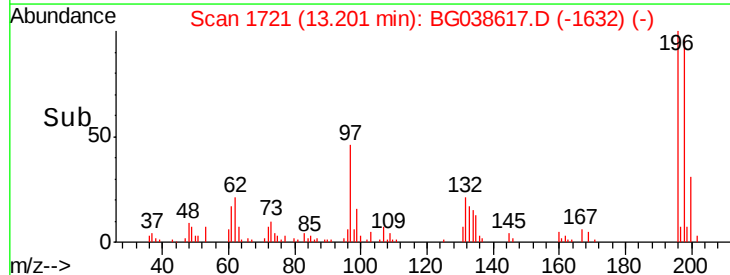
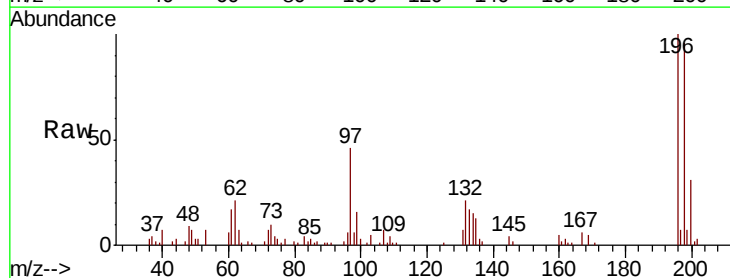
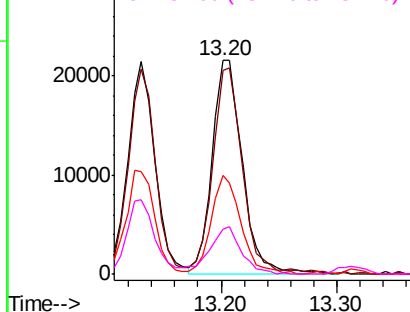
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

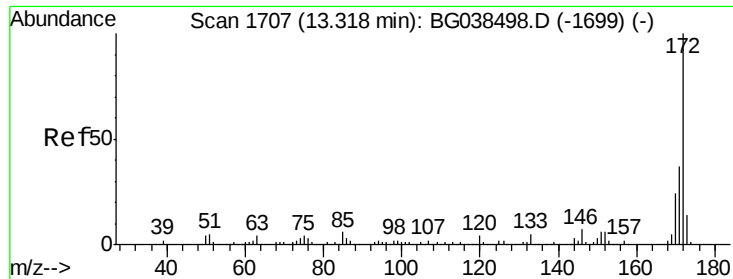


#44
 2,4,5-Trichlorophenol
 Concen: 33.620 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:196 Resp: 39143
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.0 111.0
 97 46.1 35.1 52.7
 132 20.8 18.0 27.0

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

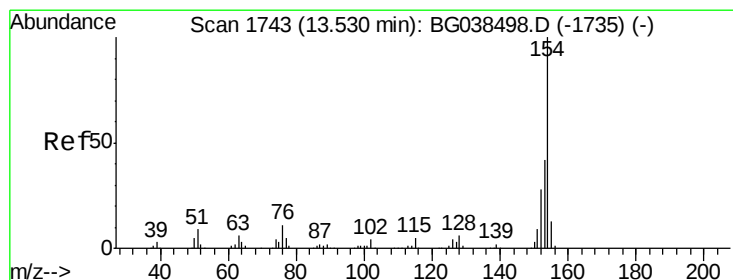
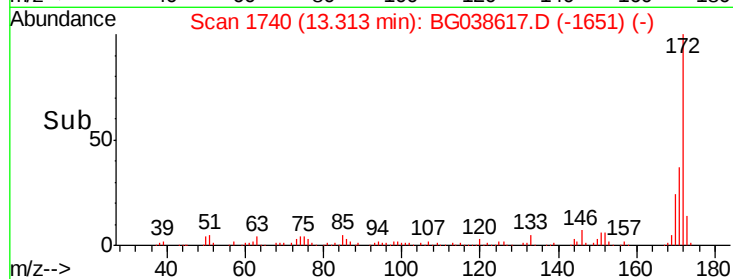
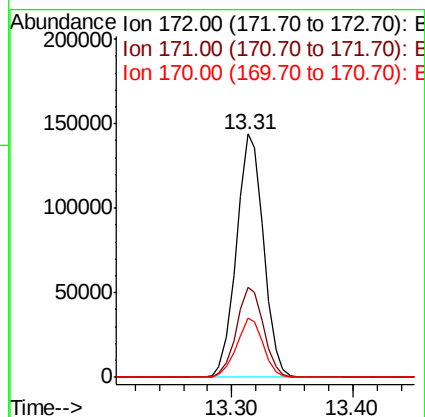
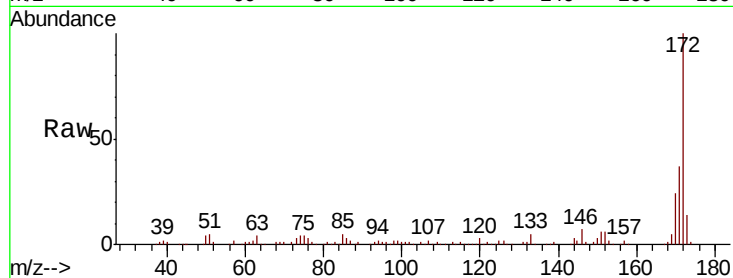




#45
 2-Fluorobiphenyl
 Concen: 64.455 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

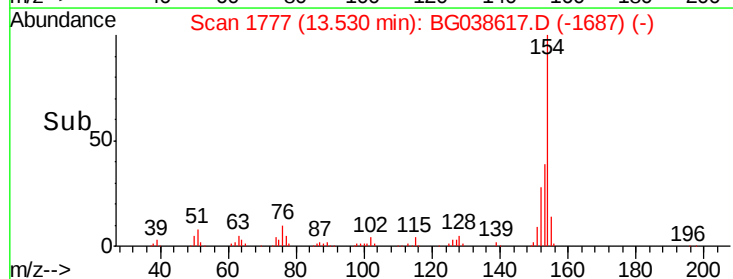
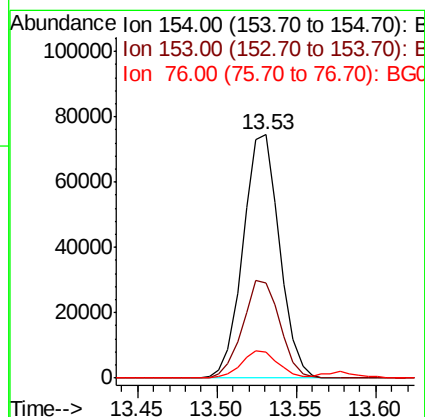
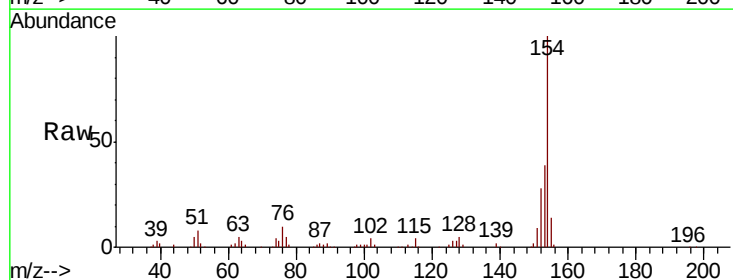
Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.3	19.5	29.3



#46
 1,1'-Biphenyl
 Concen: 29.592 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	22.1	62.1
76	10.5	0.0	31.2

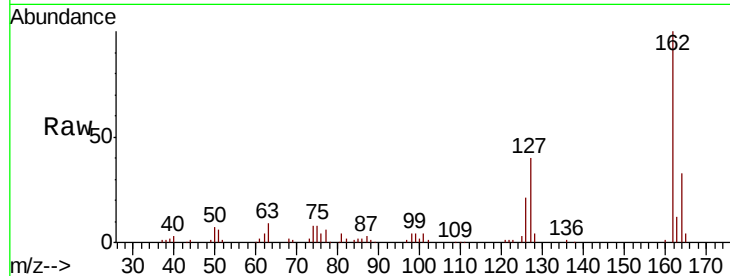




#47
 2-Chloronaphthalene
 Concen: 30.947 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	27.8	41.8
164	33.4	26.9	40.3

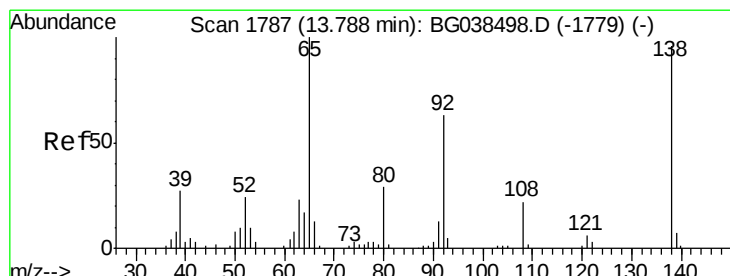
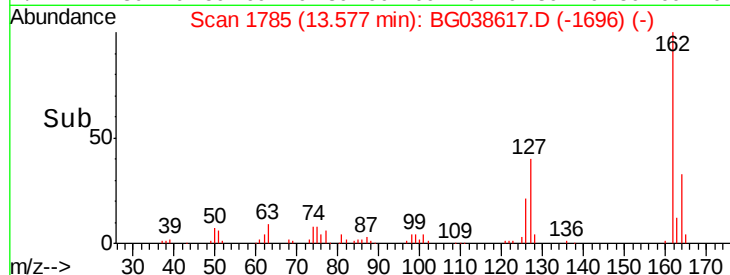
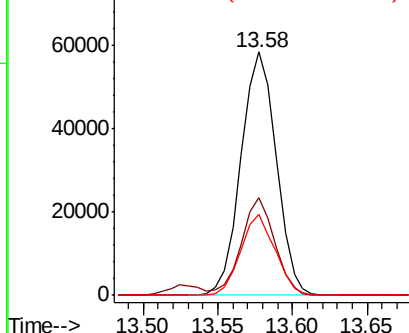


Abundance

Ion 162.00 (161.70 to 162.70): E

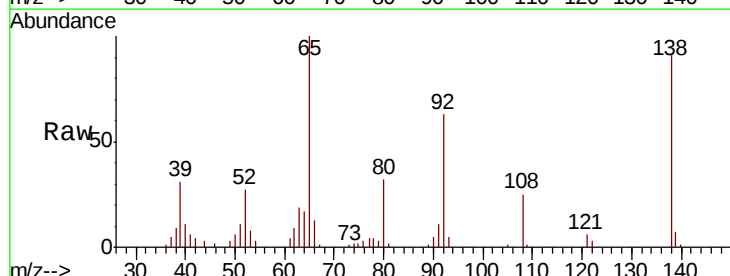
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 32.707 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	50.0	75.0
138	90.5	76.9	115.3

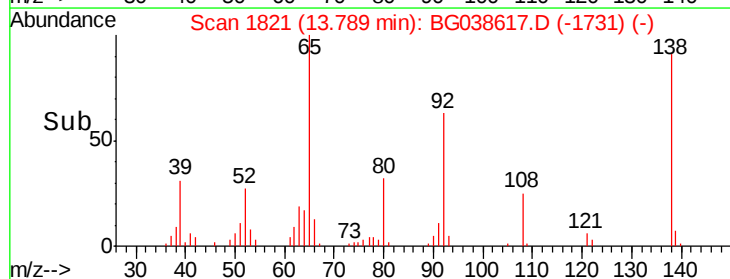
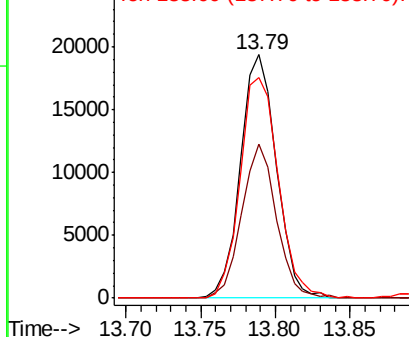


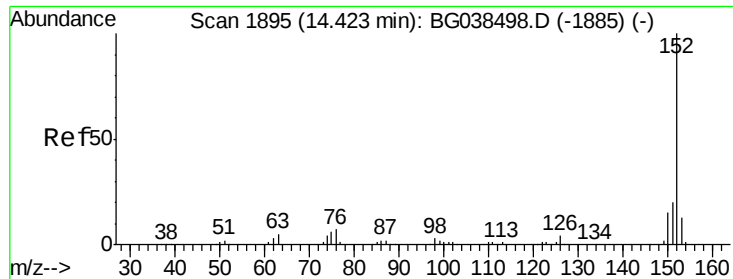
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 33.801 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

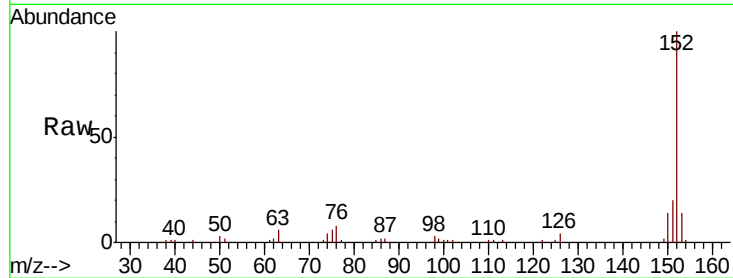
Tgt Ion:152 Resp: 156561

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

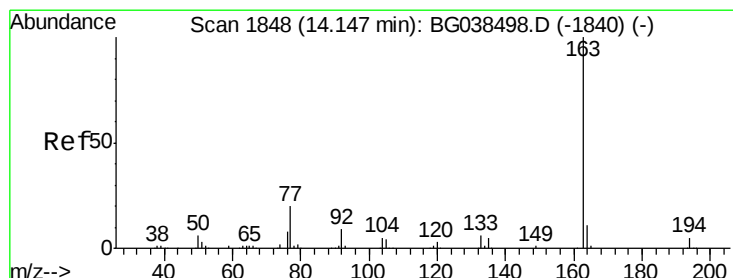
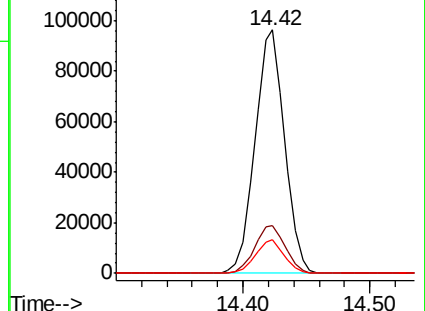
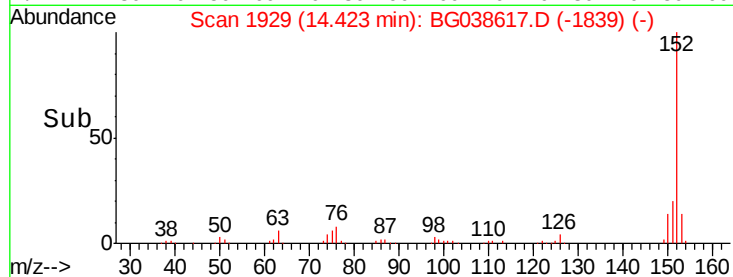
153 13.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 31.619 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

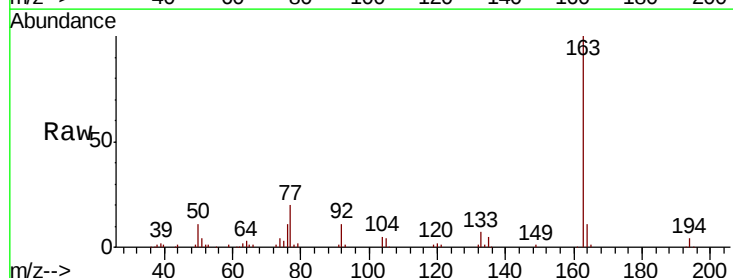
Tgt Ion:163 Resp: 123545

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

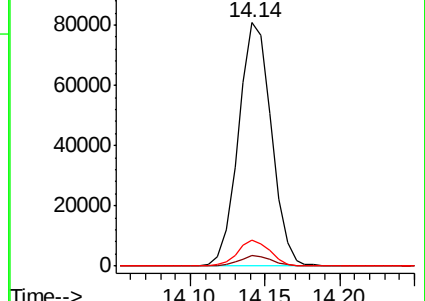
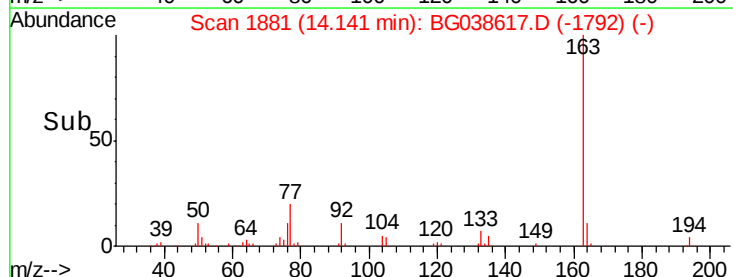
164 10.6 8.6 12.8

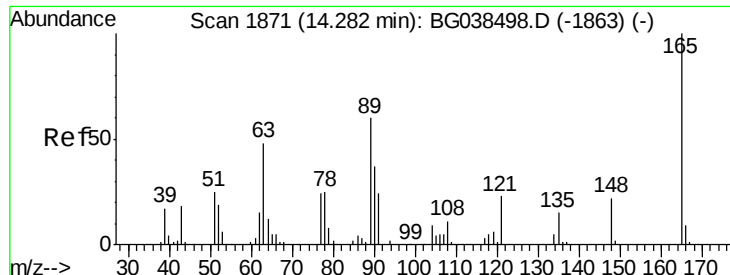


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

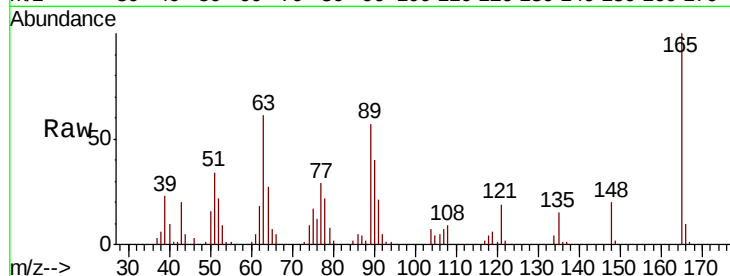




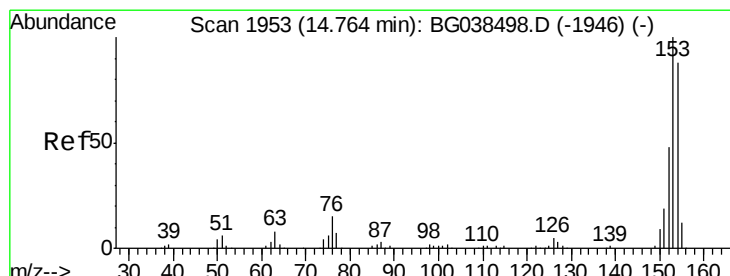
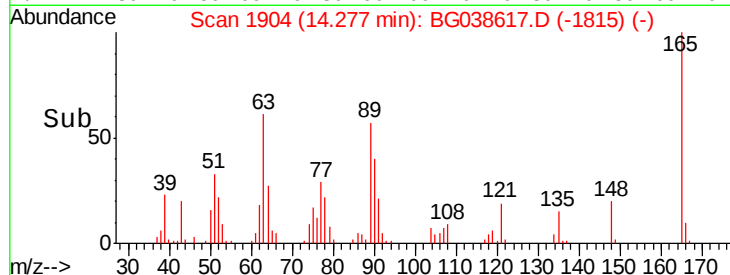
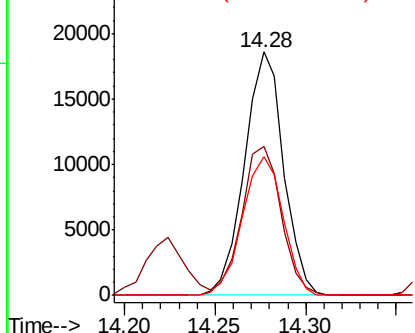
#51
 2,6-Dinitrotoluene
 Concen: 31.481 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion:165 Resp: 27875
 Ion Ratio Lower Upper
 165 100
 63 61.2 51.8 77.6
 89 56.8 47.9 71.9

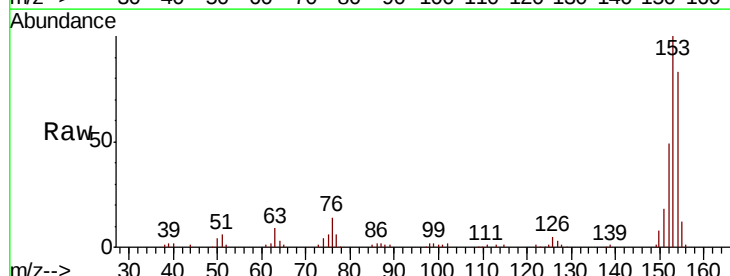


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

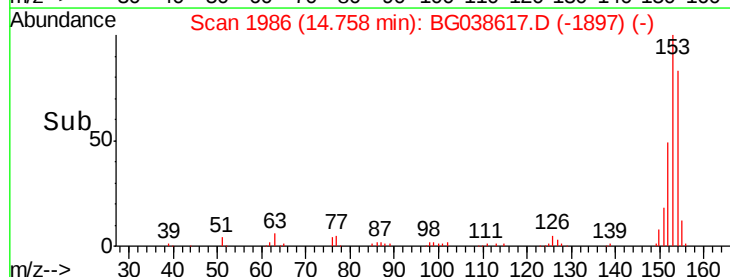
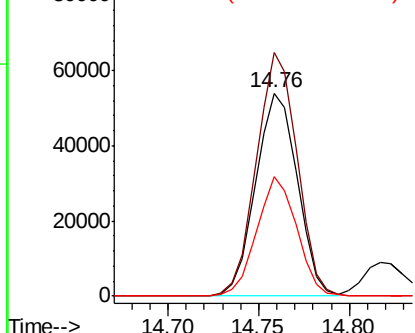


#52
 Acenaphthene
 Concen: 31.126 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:154 Resp: 86208
 Ion Ratio Lower Upper
 154 100
 153 119.8 90.6 136.0
 152 58.9 43.5 65.3



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

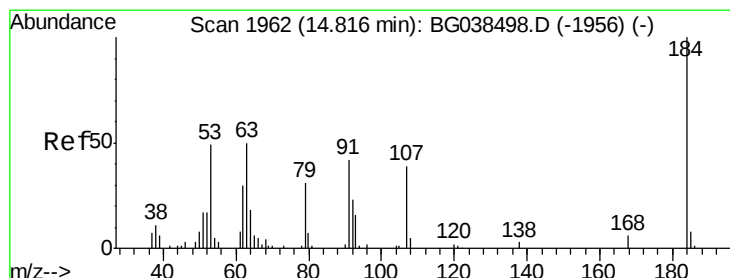
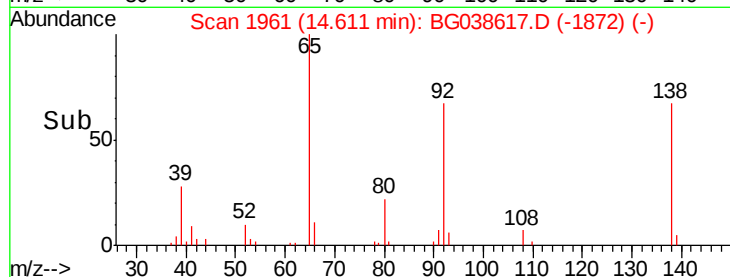
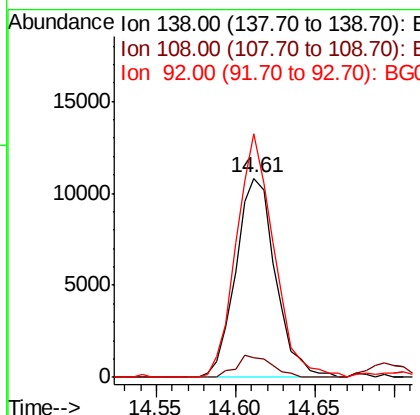
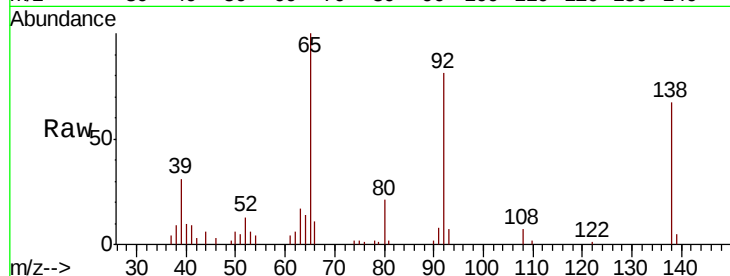




#53
3-Nitroaniline
Concen: 20.849 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

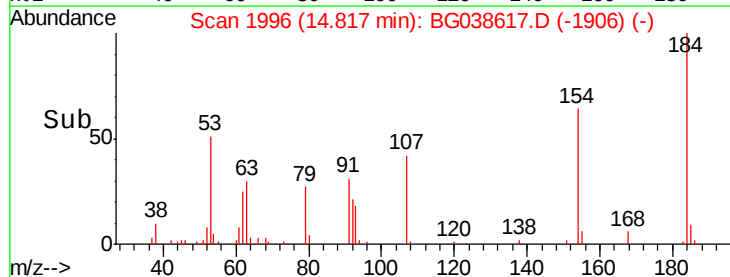
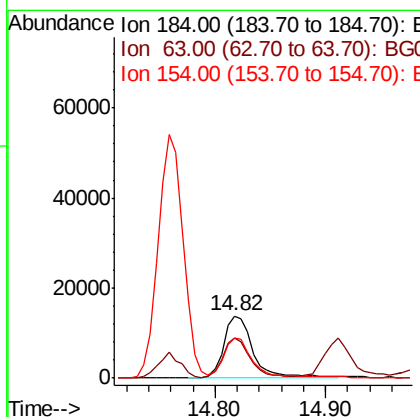
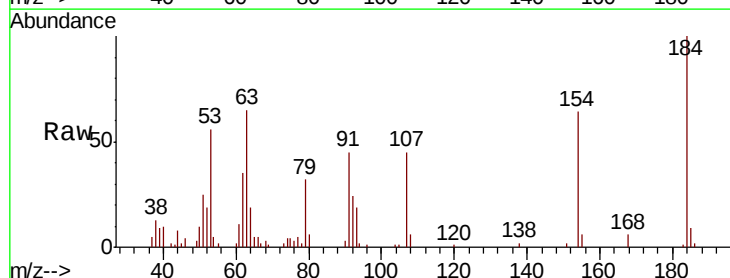
Instrument :
BNA_G
ClientSampleId :
PB115697BS

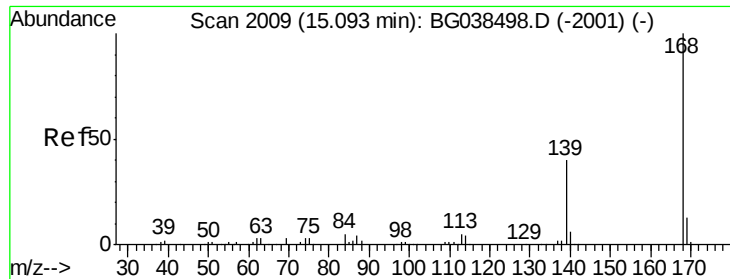
Tgt Ion:138 Resp: 18819
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 122.2 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 50.851 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:184 Resp: 25727
Ion Ratio Lower Upper
184 100
63 65.0 47.0 70.6
154 64.0 50.3 75.5

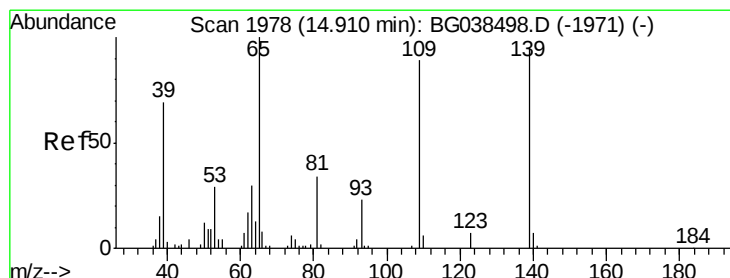
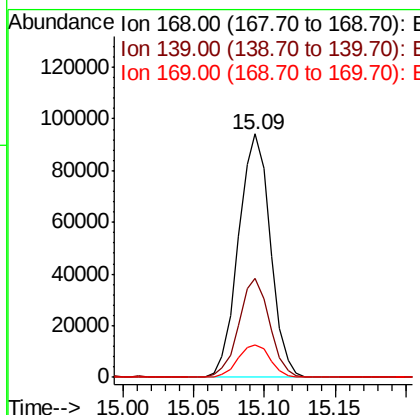
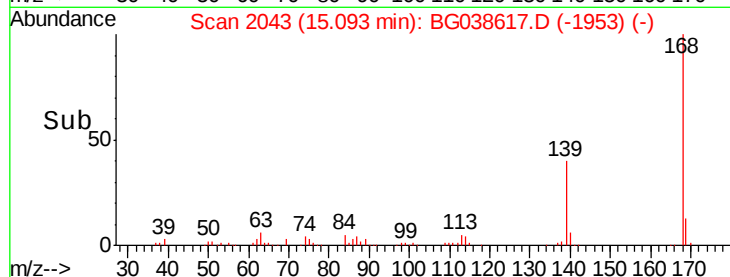
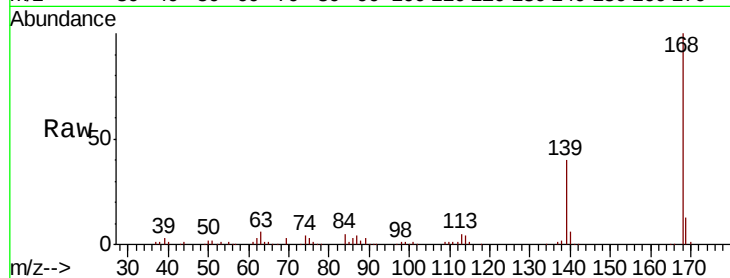




#55
Dibenzenofuran
Concen: 31.258 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

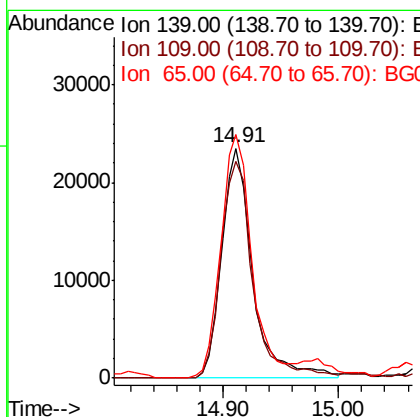
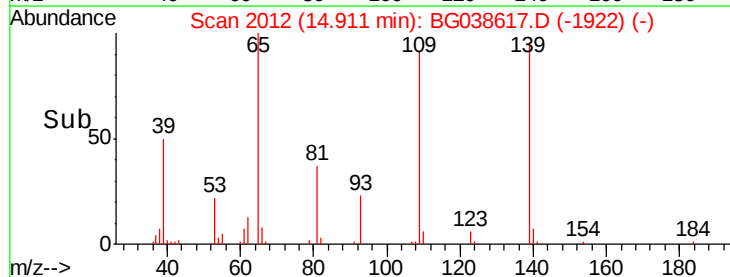
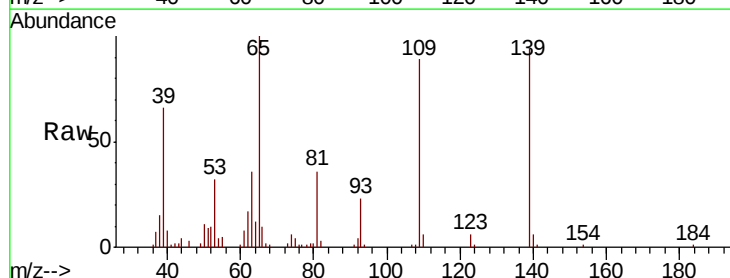
Instrument :
BNA_G
ClientSampleId :
PB115697BS

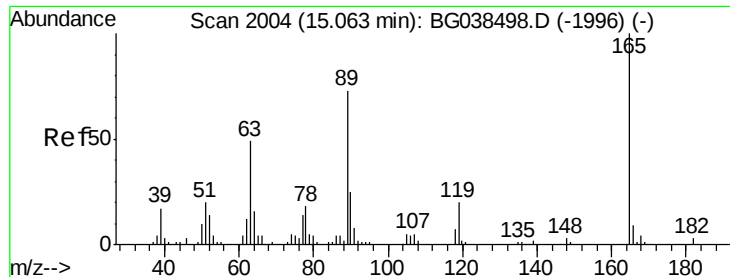
Tgt Ion:168 Resp: 148402
Ion Ratio Lower Upper
168 100
139 40.4 32.2 48.2
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 64.015 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:139 Resp: 43834
Ion Ratio Lower Upper
139 100
109 94.2 73.6 113.6
65 106.0 84.8 124.8

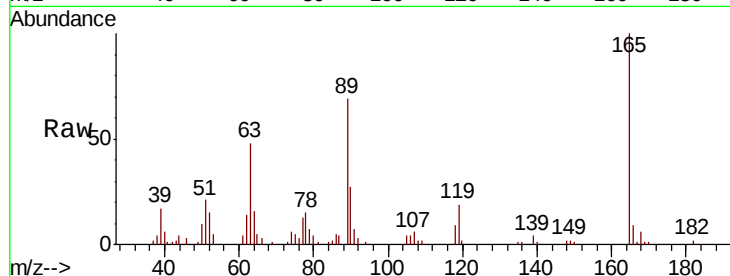




#57
2,4-Dinitrotoluene
Concen: 32.233 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.5	39.0	58.4
89	69.4	58.0	87.0
182	2.4	2.3	3.5

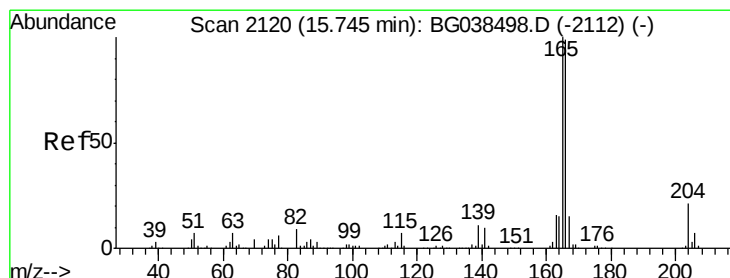
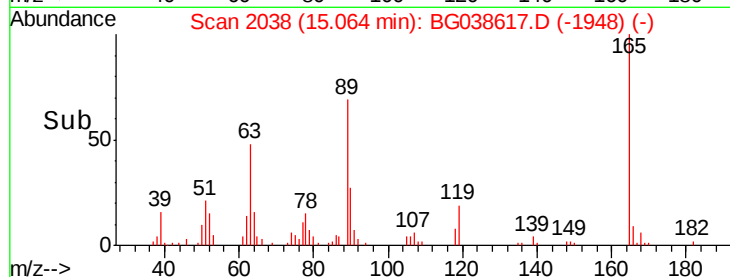
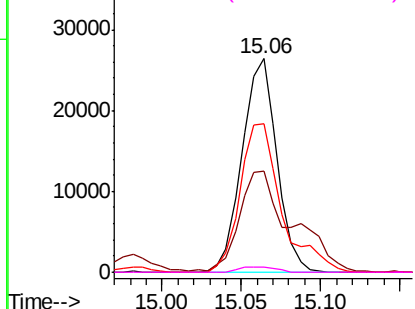


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

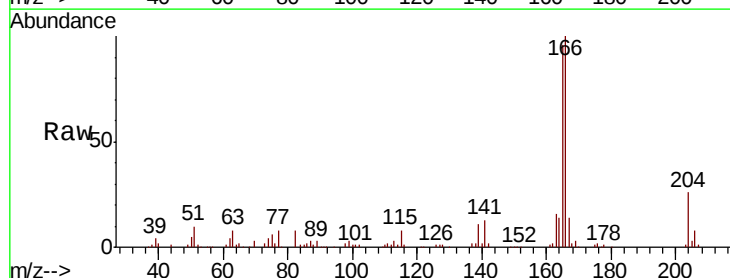
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 33.516 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

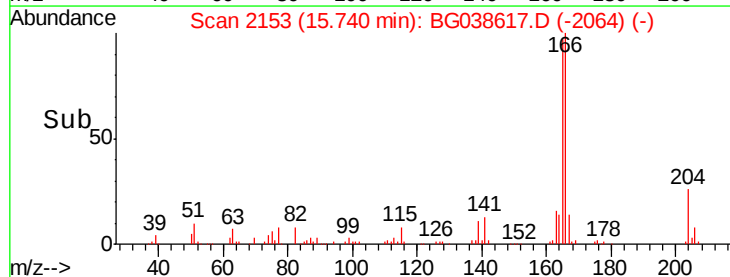
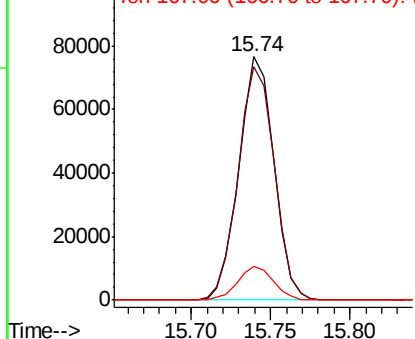
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	80.6	120.8
167	13.9	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

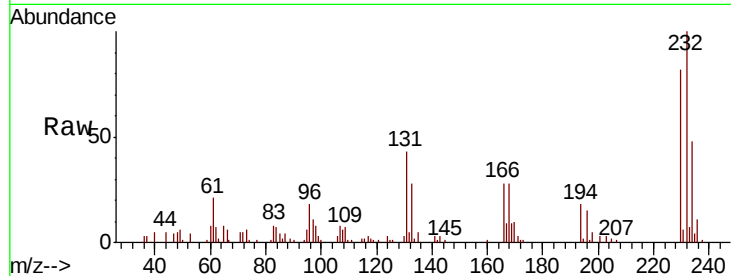




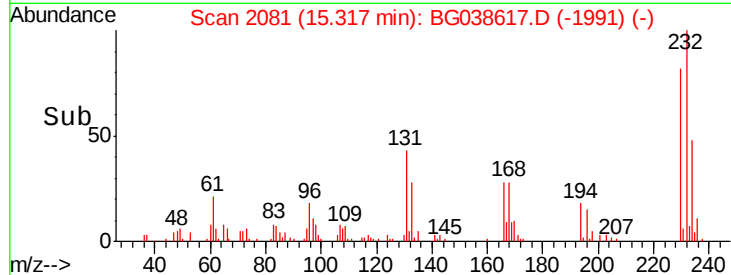
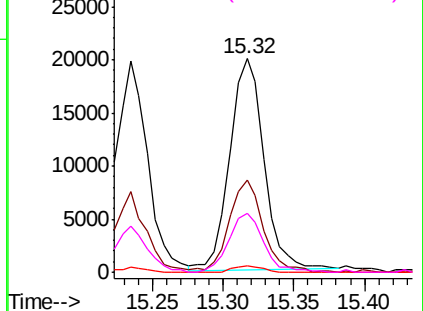
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.183 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion:232 Resp: 33712
Ion Ratio Lower Upper
232 100
131 41.1 33.0 49.4
130 2.5 2.0 3.0
166 28.4 23.1 34.7

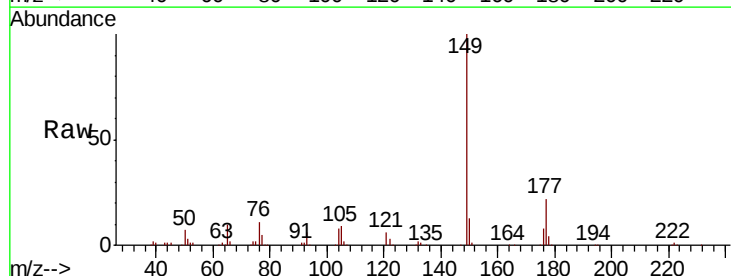


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

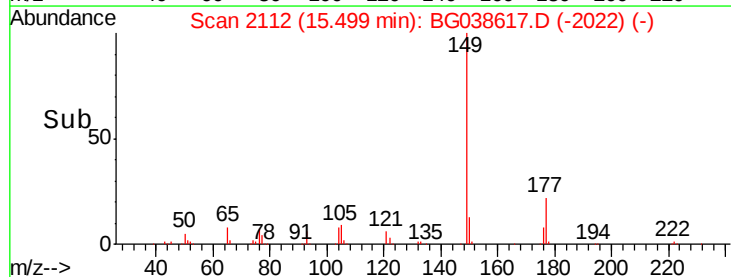
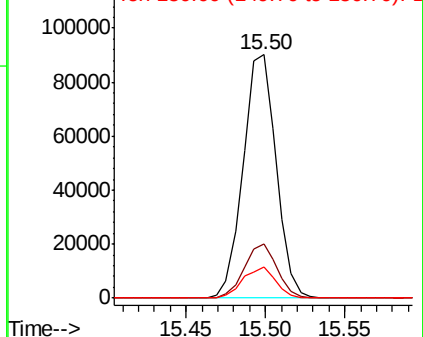


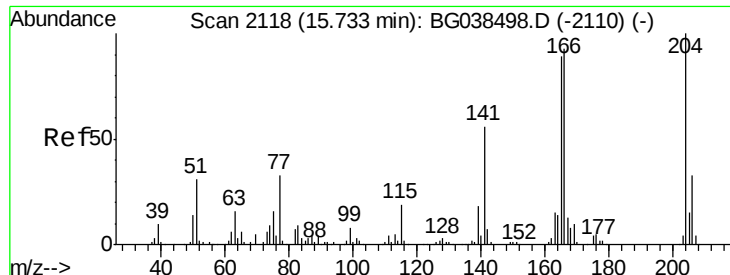
#60
Diethylphthalate
Concen: 30.340 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:149 Resp: 130139
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.7 9.9 14.9



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

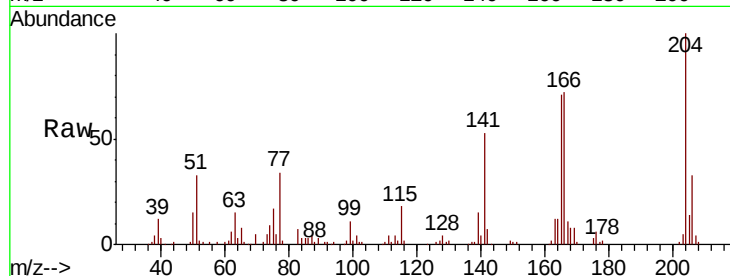




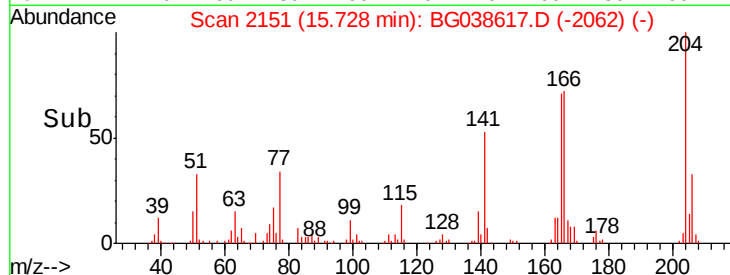
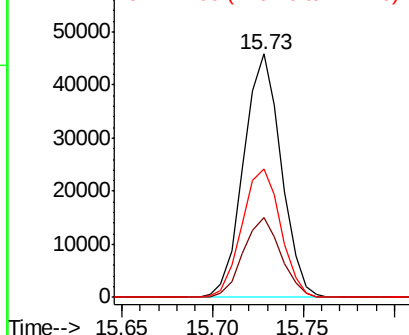
#61
4-Chlorophenyl-phenylether
Concen: 30.062 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion:204 Resp: 65975
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 52.5 44.4 66.6

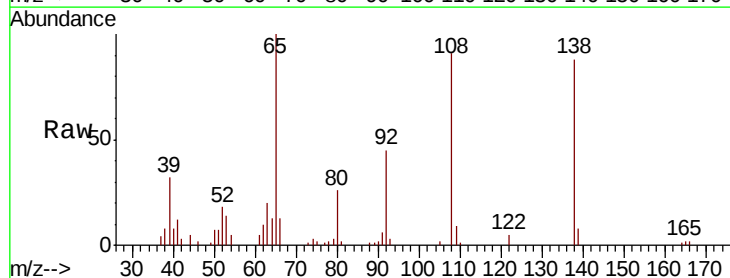


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

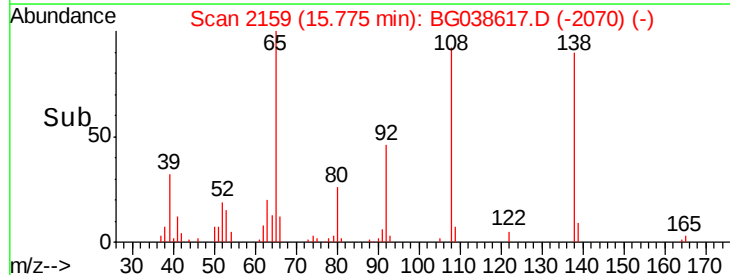
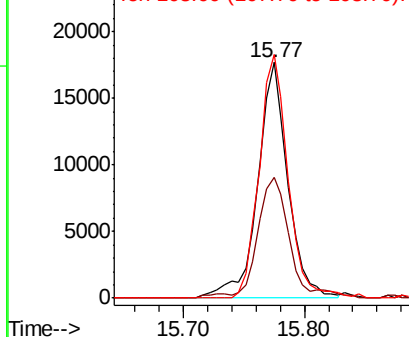


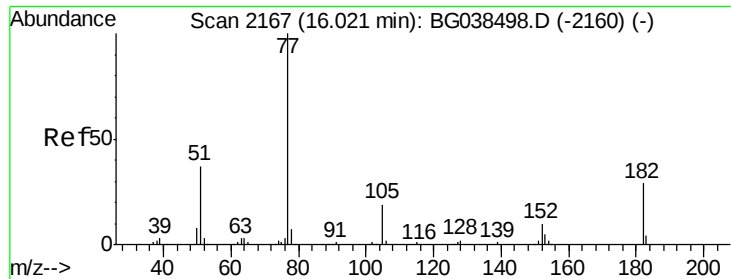
#62
4-Nitroaniline
Concen: 32.738 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:138 Resp: 30422
Ion Ratio Lower Upper
138 100
92 51.4 33.3 73.3
108 103.4 81.4 121.4



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

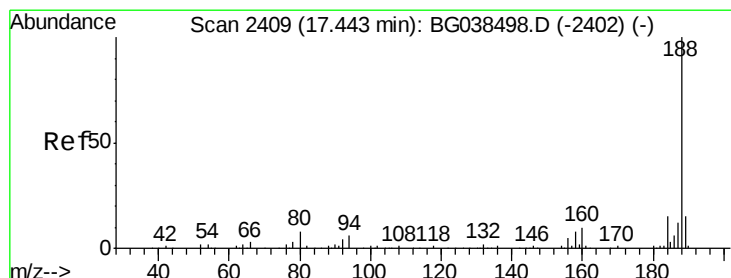
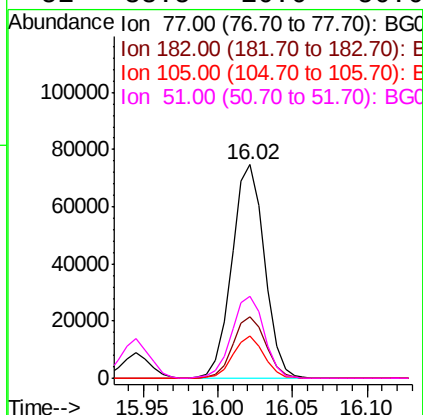
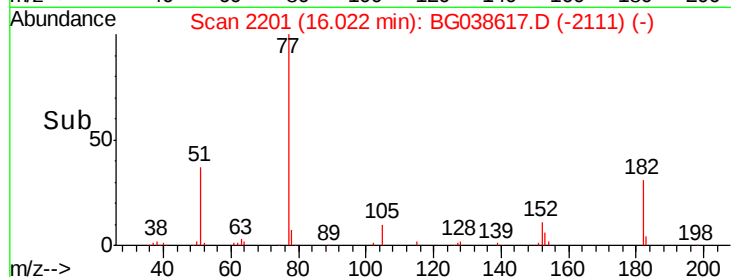
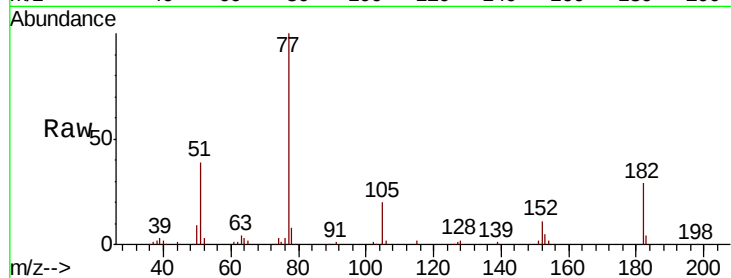




#63
Azobenzene
Concen: 31.797 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

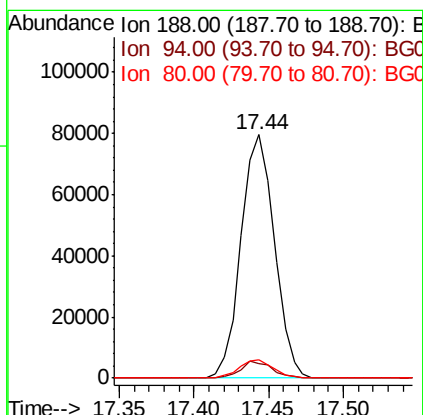
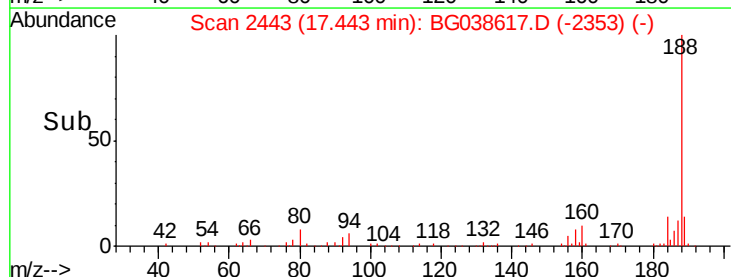
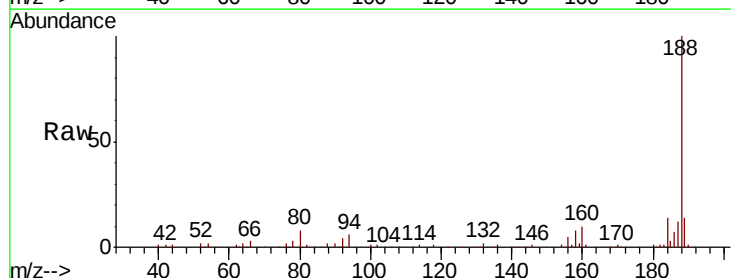
Instrument :
BNA_G
ClientSampleId :
PB115697BS

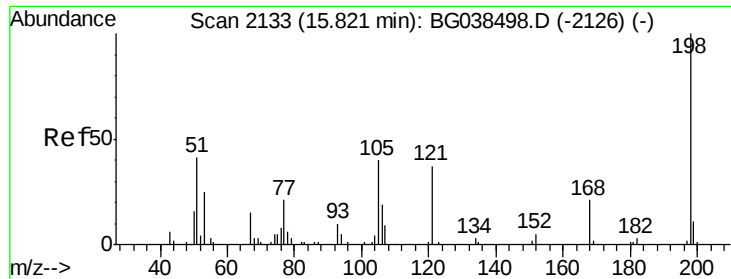
Tgt Ion: 77 Resp: 113936
Ion Ratio Lower Upper
77 100
182 28.9 8.7 48.7
105 19.7 0.0 38.7
51 38.5 16.6 56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion: 188 Resp: 123626
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 7.6 6.1 9.1

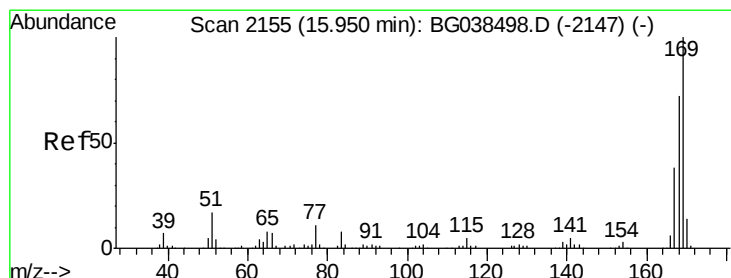
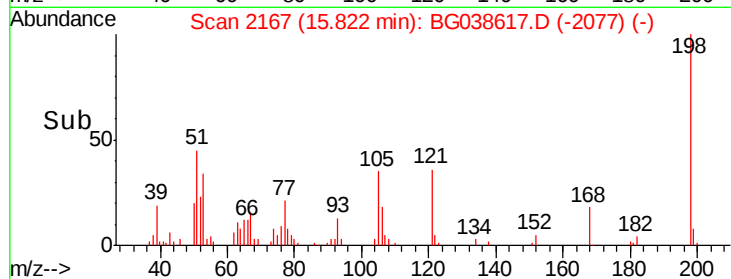
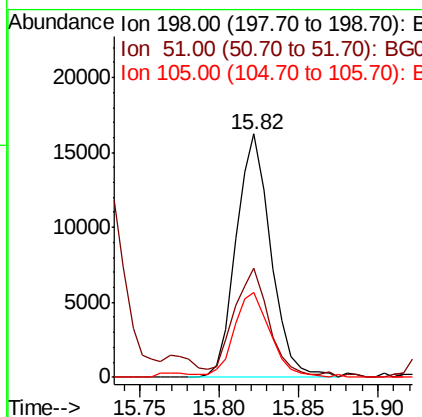
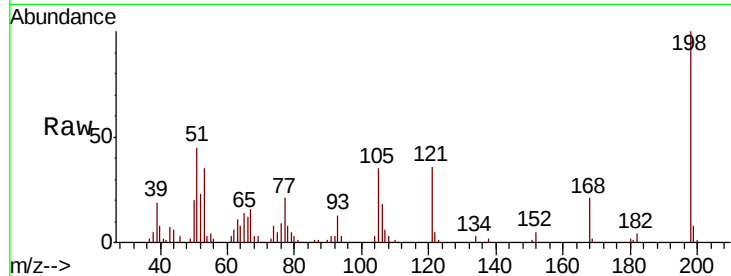




#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.971 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

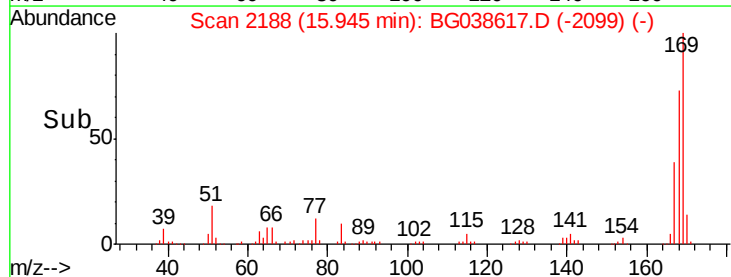
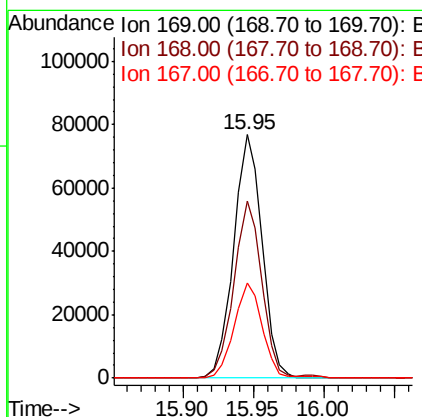
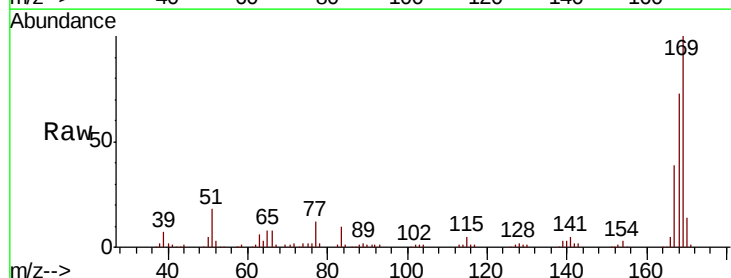
Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

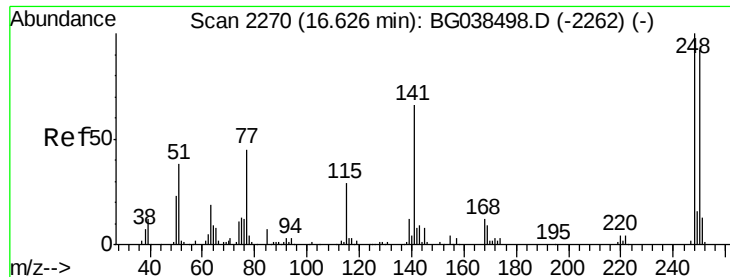
Tgt Ion:198 Resp: 24667
 Ion Ratio Lower Upper
 198 100
 51 45.1 28.6 68.6
 105 35.0 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 29.647 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:169 Resp: 107691
 Ion Ratio Lower Upper
 169 100
 168 72.5 57.5 86.3
 167 39.1 30.2 45.2

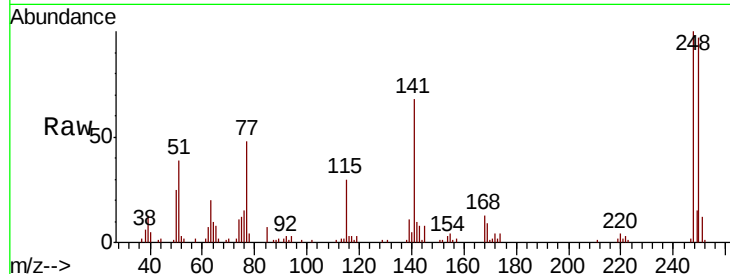




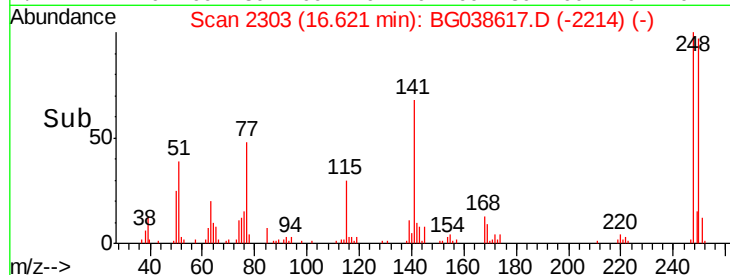
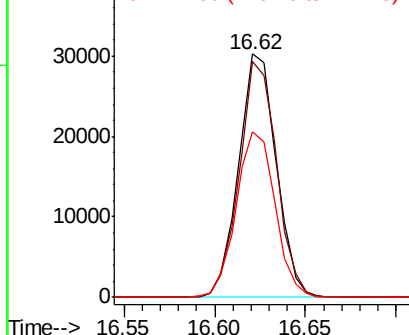
#67
 4-Bromophenyl-phenylether
 Concen: 28.921 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion:248 Resp: 43665
 Ion Ratio Lower Upper
 248 100
 250 96.8 73.4 110.2
 141 67.8 52.9 79.3

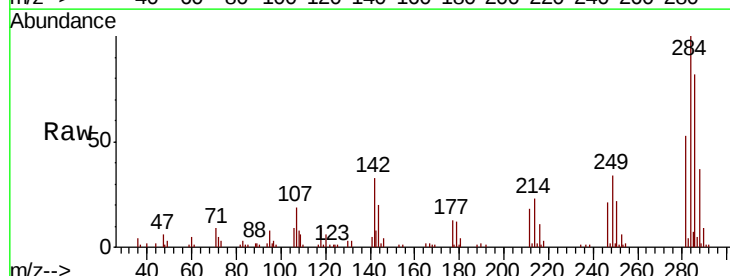


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

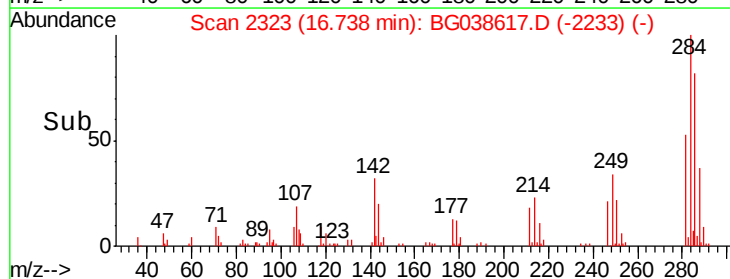
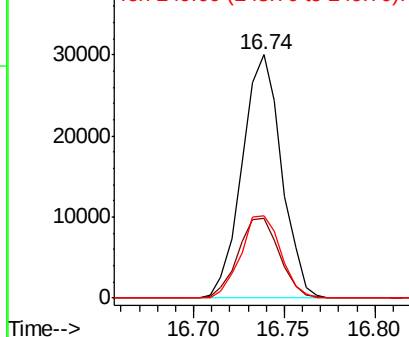


#68
 Hexachlorobenzene
 Concen: 28.959 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion:284 Resp: 45324
 Ion Ratio Lower Upper
 284 100
 142 33.0 25.8 38.6
 249 35.6 27.0 40.4



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





#69

Atrazine

Concen: 33.671 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

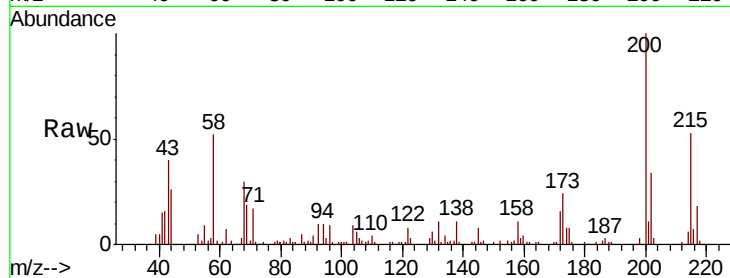
Tgt Ion:200 Resp: 45390

Ion Ratio Lower Upper

200 100

173 24.2 5.9 45.9

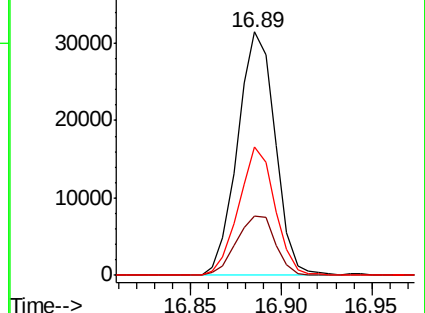
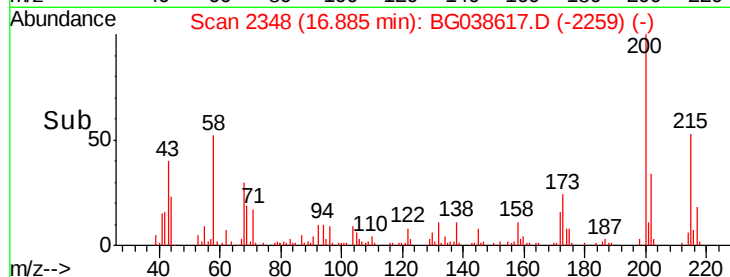
215 52.7 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 50.941 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

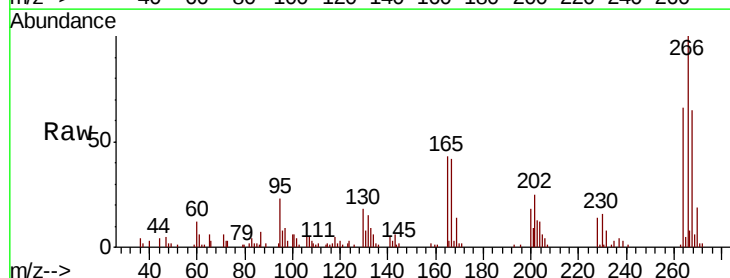
Tgt Ion:266 Resp: 47158

Ion Ratio Lower Upper

266 100

268 70.7 55.0 82.6

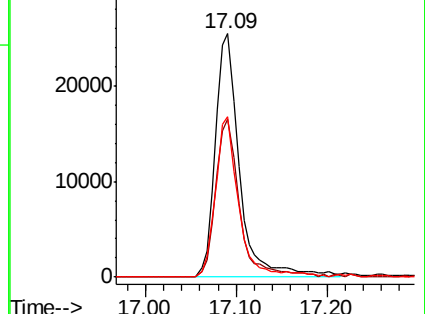
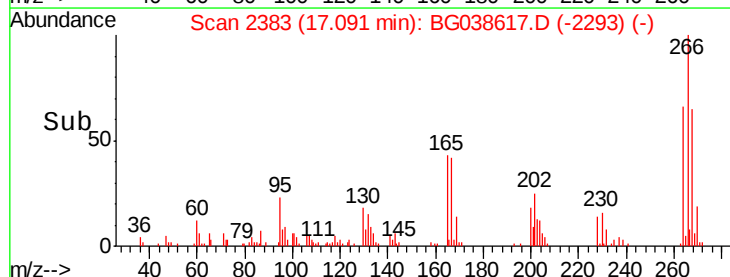
264 71.0 56.7 85.1

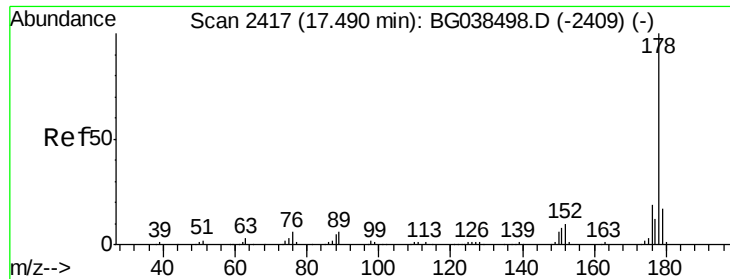


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

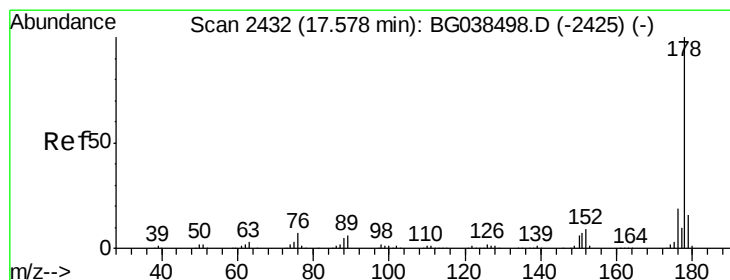
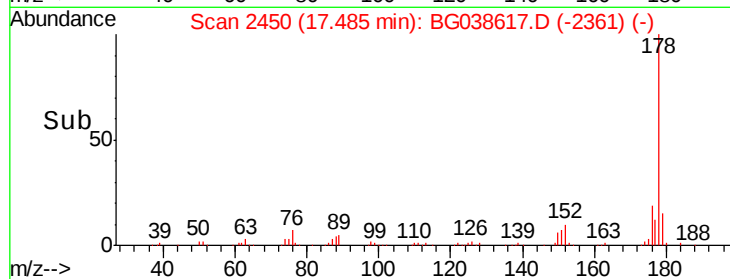
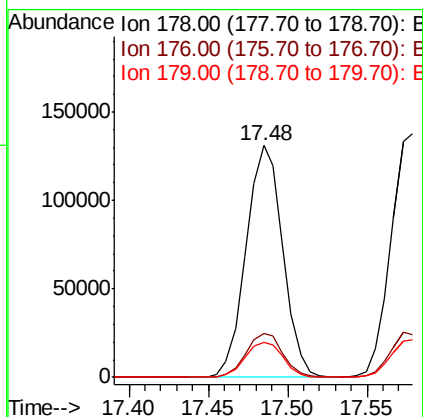
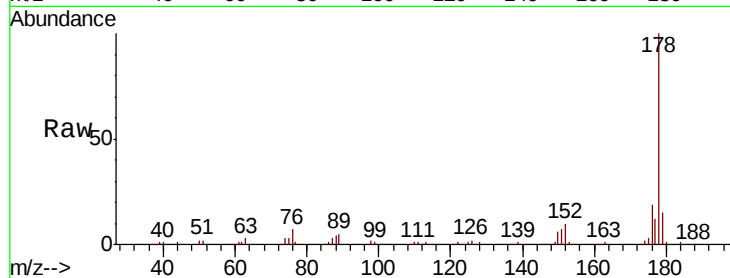




#71
Phenanthrene
Concen: 32.766 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

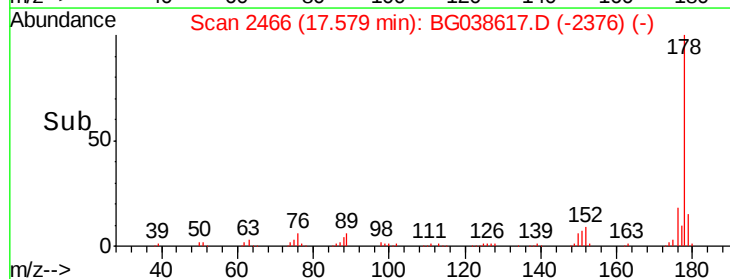
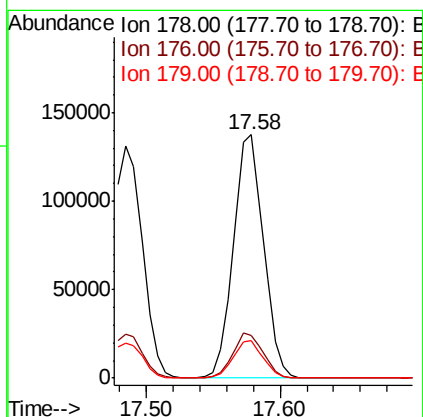
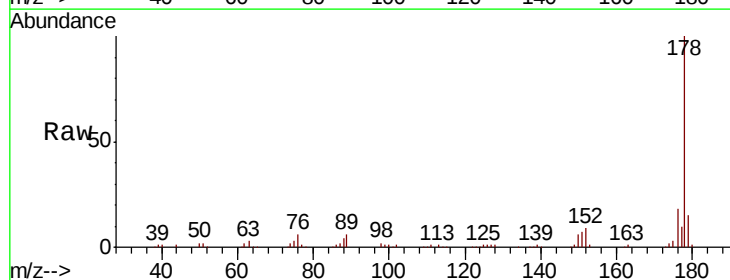
Instrument :
BNA_G
ClientSampleId :
PB115697BS

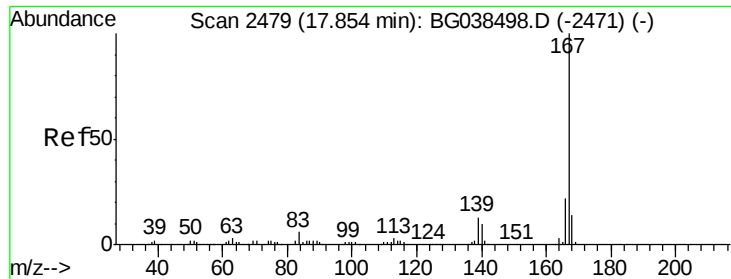
Tgt Ion:178 Resp: 210059
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.3 13.2 19.8



#72
Anthracene
Concen: 34.049 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion:178 Resp: 215492
Ion Ratio Lower Upper
178 100
176 17.6 15.1 22.7
179 15.3 12.9 19.3

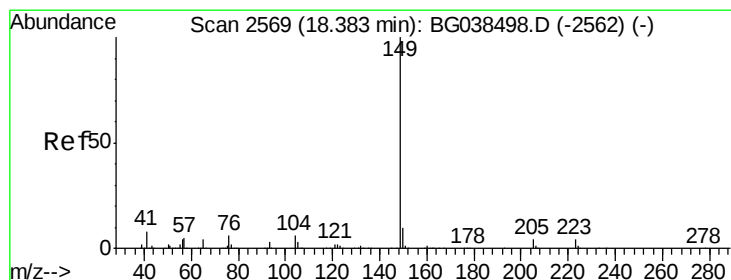
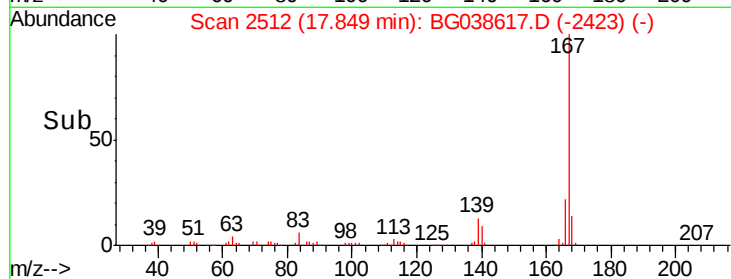
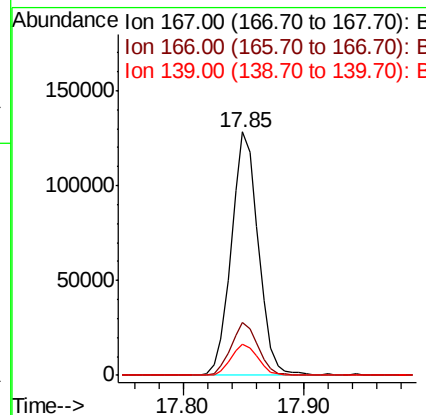
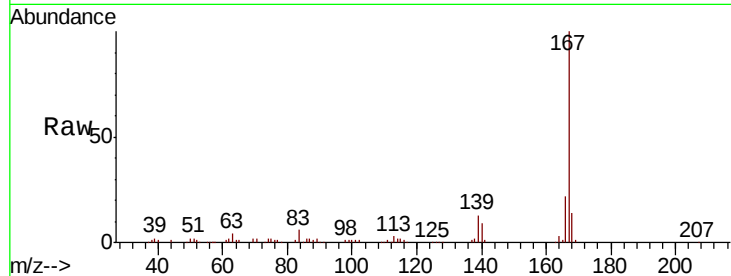




#73
 Carbazole
 Concen: 31.757 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

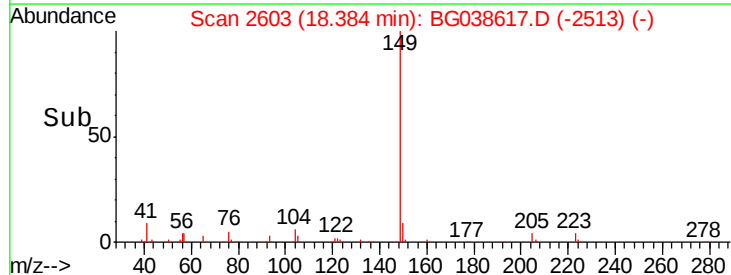
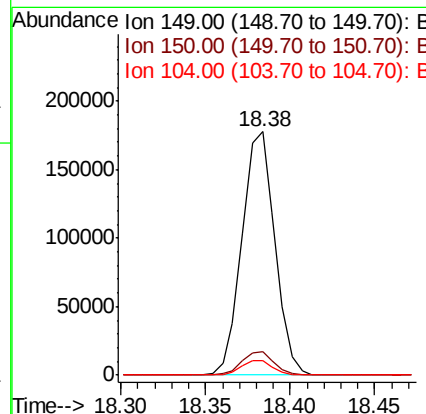
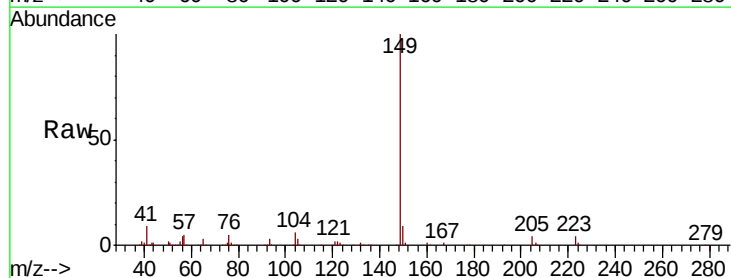
Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	13.0	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 33.662 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.8	5.0	7.4

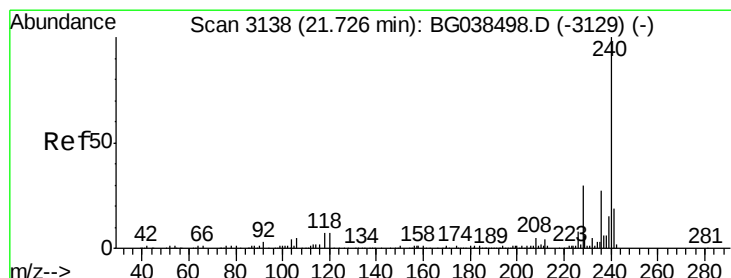
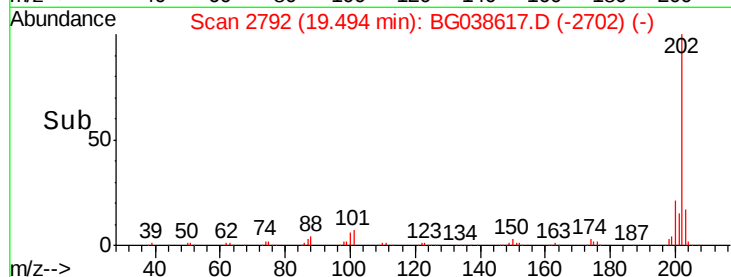
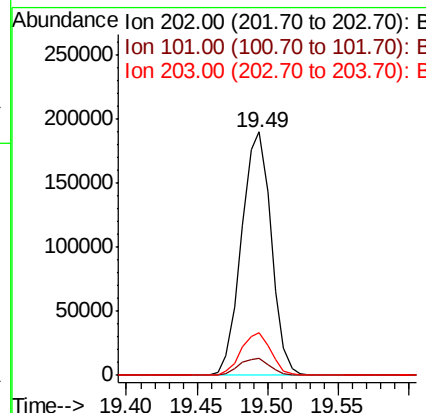
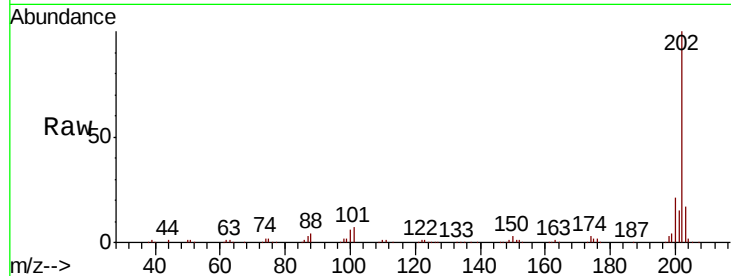




#75
 Fluoranthene
 Concen: 35.329 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

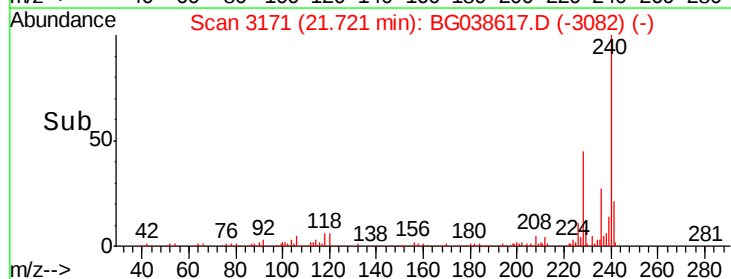
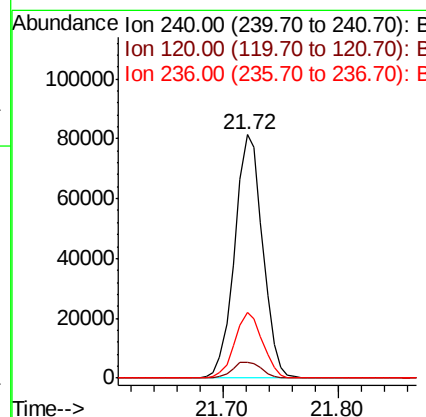
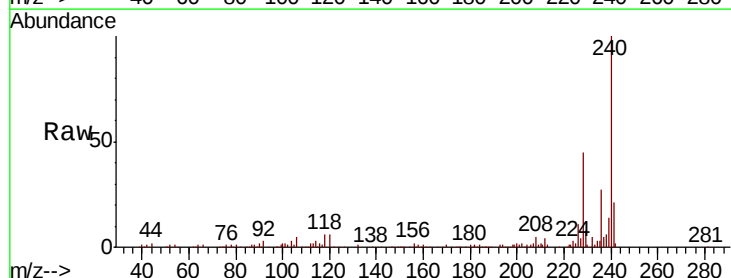
Instrument :
 BNA_G
 ClientSampleId :
 PB115697BS

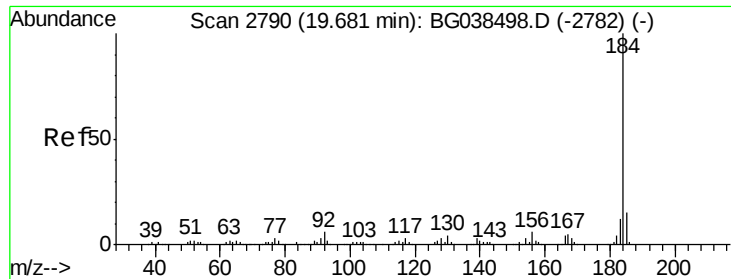
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	280230		
101	7.1	0.0	28.1	
203	17.4	0.0	39.0	



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038617.D
 Acq: 15 Dec 2018 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	136729		
120	6.3	5.3	7.9	
236	26.9	21.4	32.2	





#77

Benzidine

Concen: 28.647 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

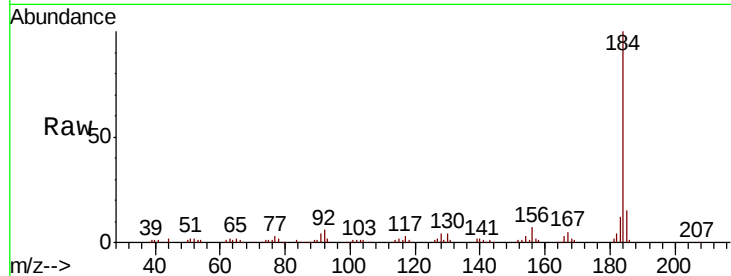
Tgt Ion:184 Resp: 115836

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

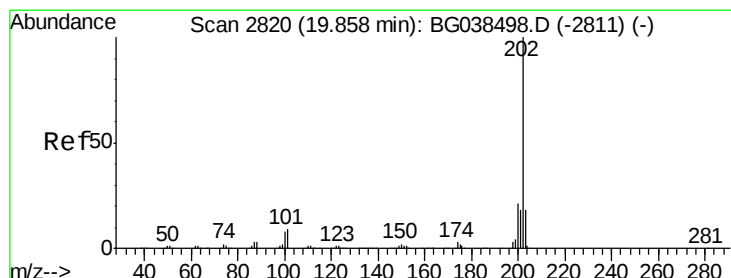
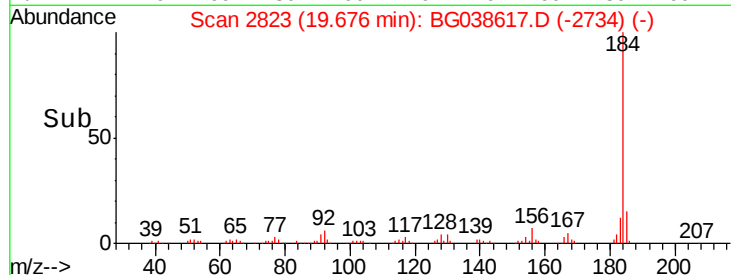
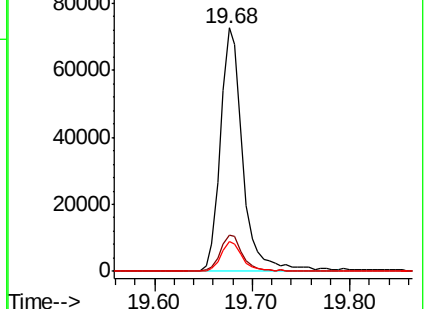
183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.194 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

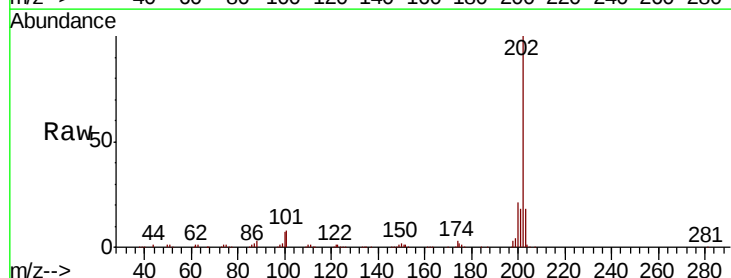
Tgt Ion:202 Resp: 281766

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

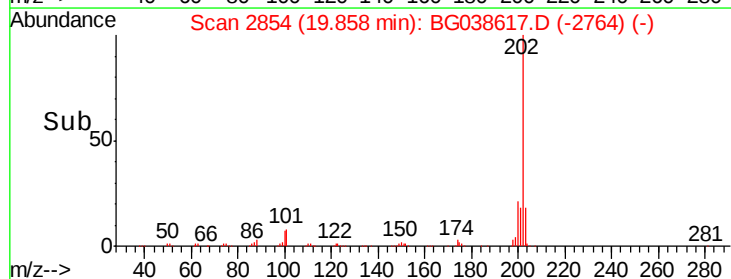
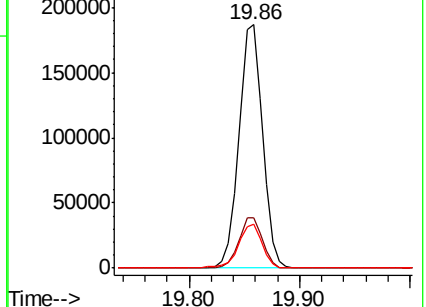
203 18.2 14.6 21.8

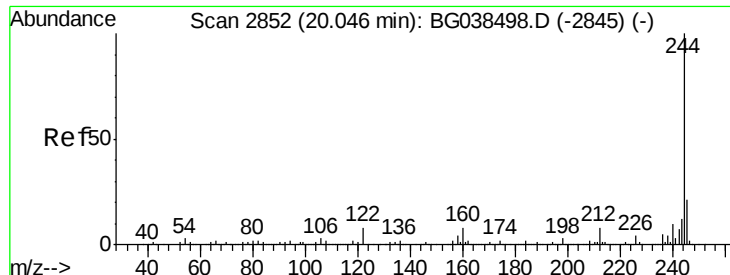


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.730 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

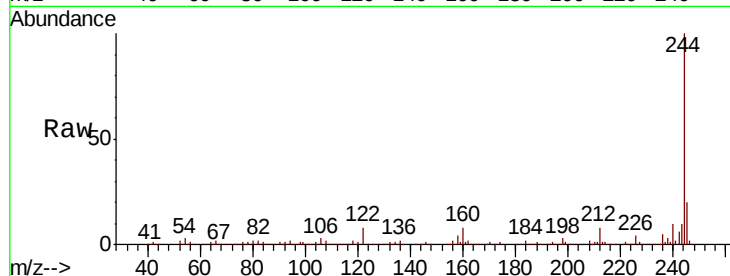
Tgt Ion:244 Resp: 444365

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

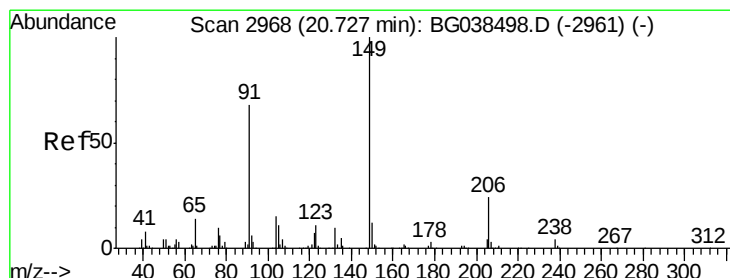
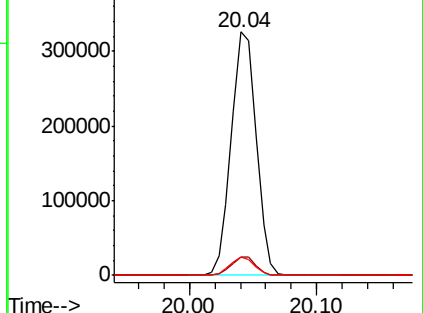
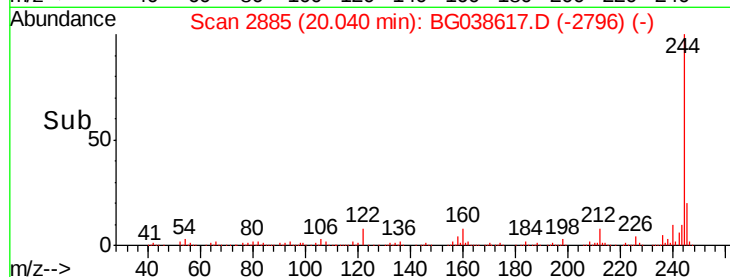
122 7.6 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.020 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

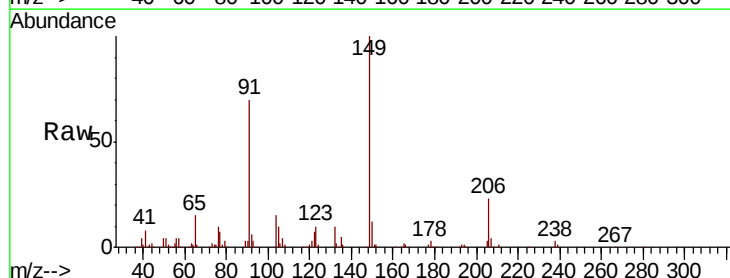
Tgt Ion:149 Resp: 112998

Ion Ratio Lower Upper

149 100

91 69.9 54.5 81.7

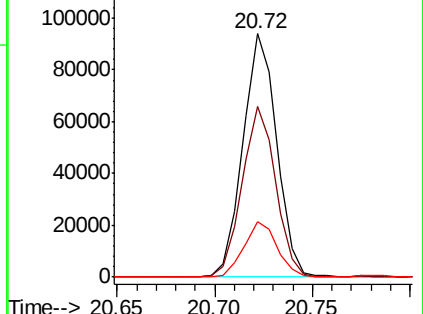
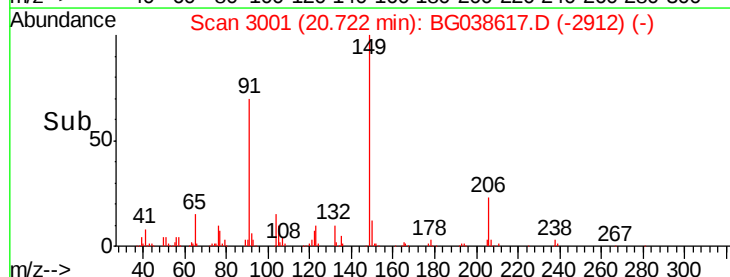
206 22.5 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.940 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

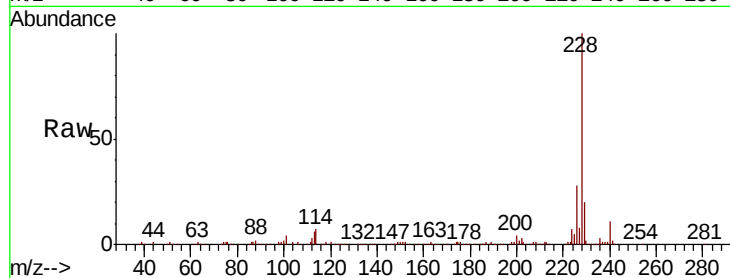
Tgt Ion:228 Resp: 282771

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

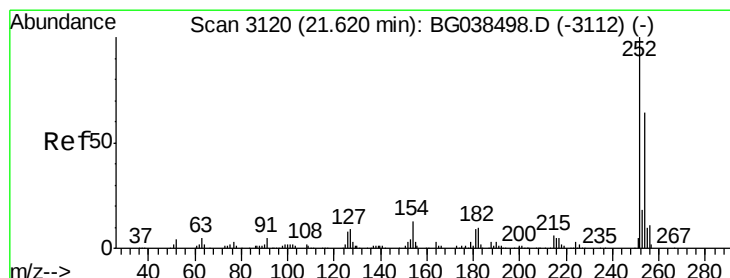
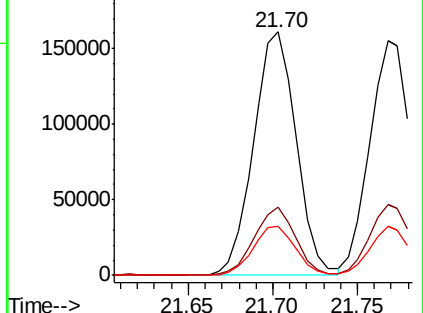
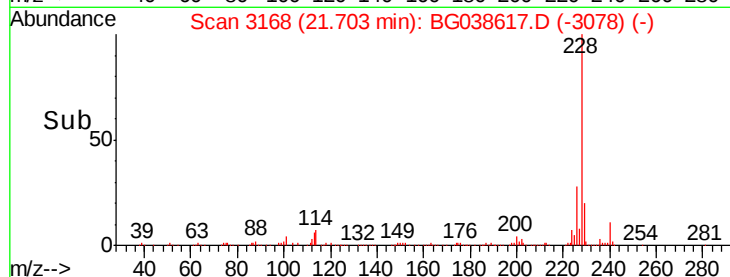
229 20.3 15.8 23.6



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



#82

3,3'-Dichlorobenzidine

Concen: 20.274 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

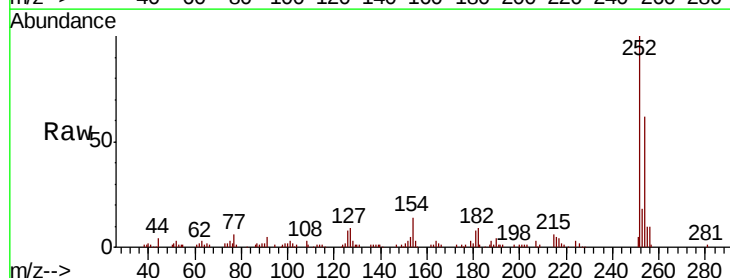
Tgt Ion:252 Resp: 66993

Ion Ratio Lower Upper

252 100

254 61.9 50.9 76.3

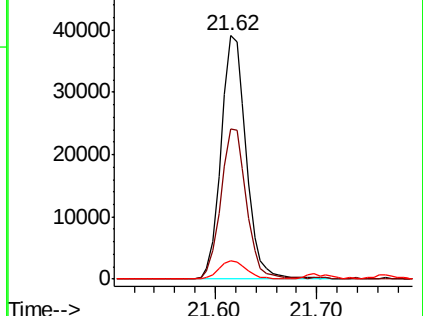
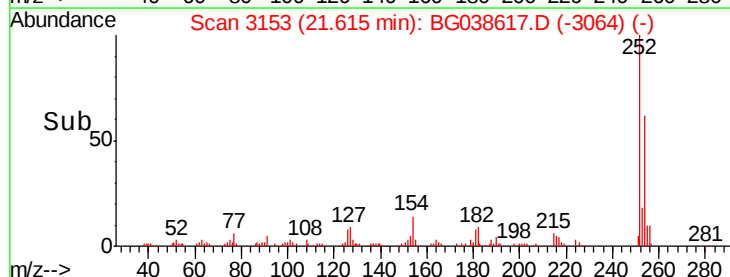
126 7.7 6.3 9.5

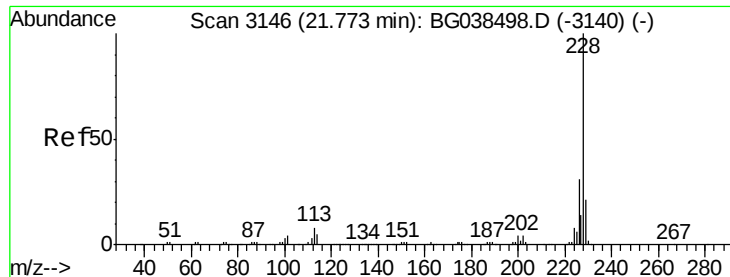


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 32.508 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

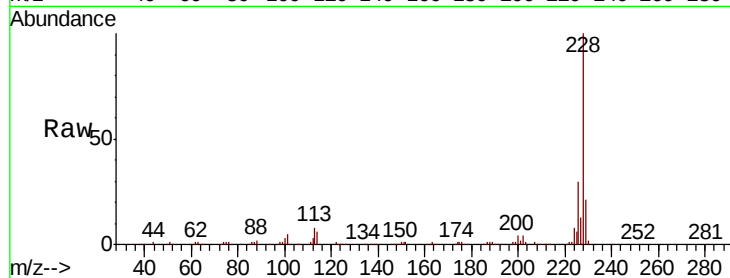
Tgt Ion: 228 Resp: 260878

Ion Ratio Lower Upper

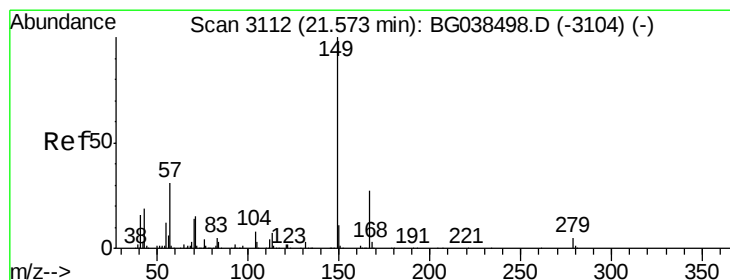
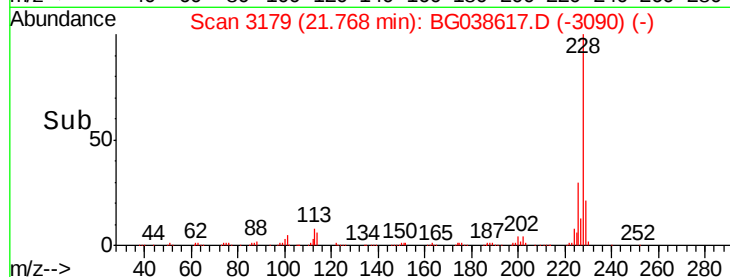
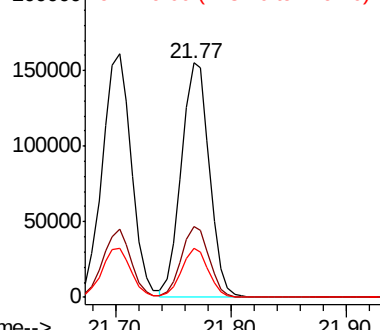
228 100

226 30.3 25.0 37.4

229 21.0 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.925 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

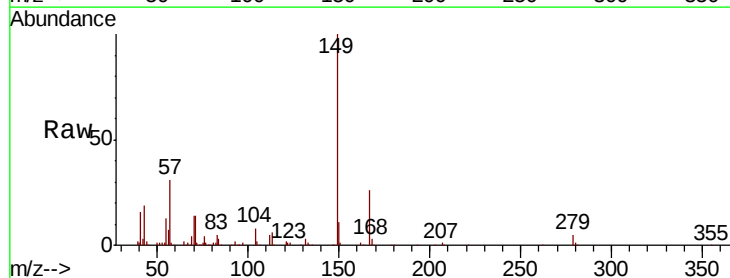
Tgt Ion: 149 Resp: 159784

Ion Ratio Lower Upper

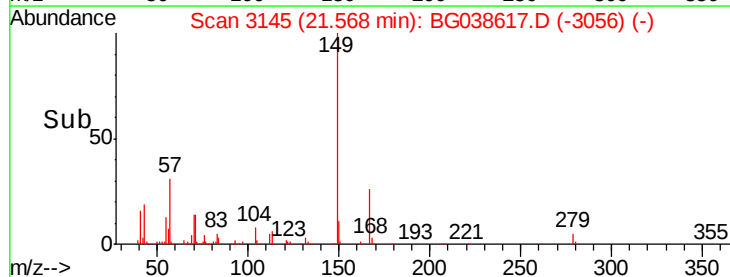
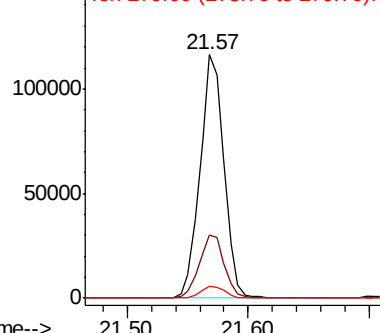
149 100

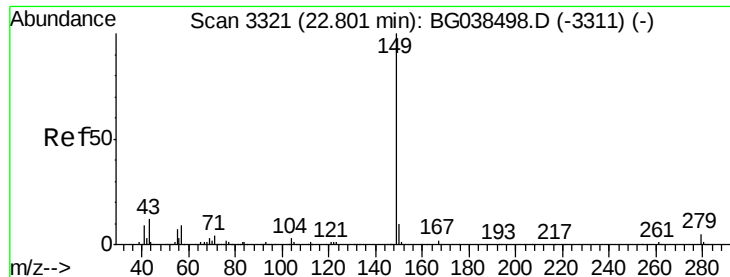
167 26.0 21.9 32.9

279 4.8 4.2 6.2



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





#85

Di-n-octyl phthalate

Concen: 32.308 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

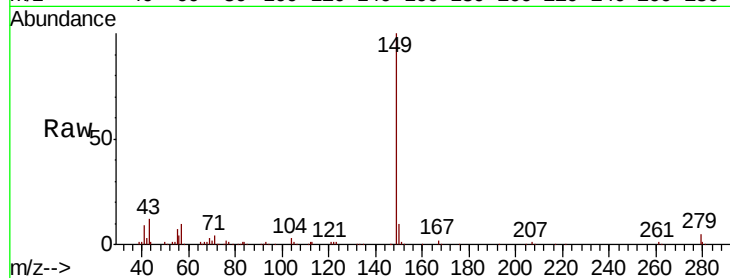
Tgt Ion:149 Resp: 270810

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

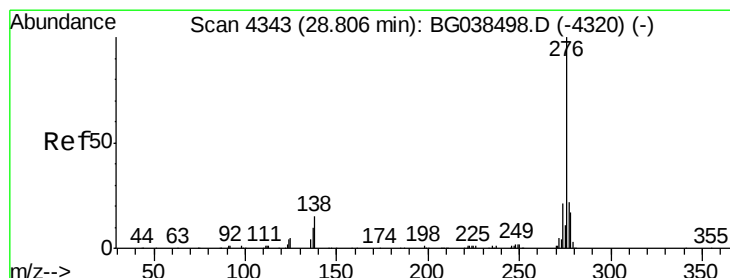
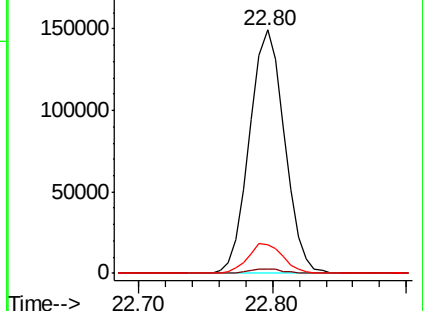
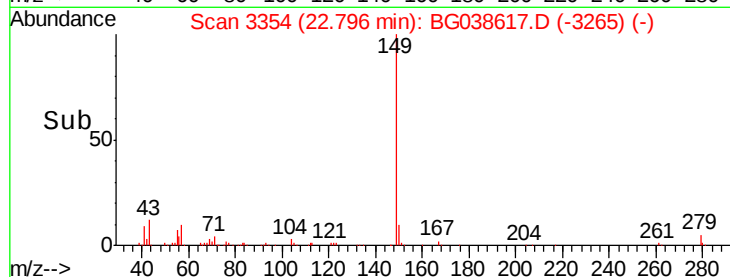
43 12.2 9.3 13.9



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.891 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

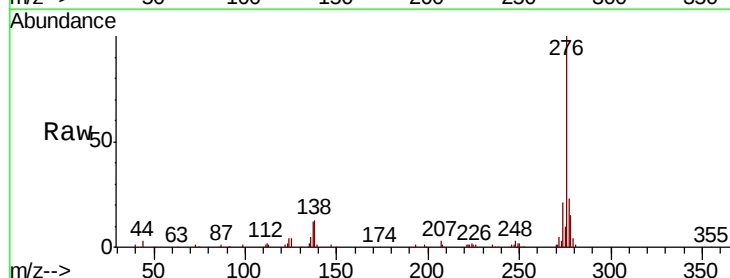
Tgt Ion:276 Resp: 319747

Ion Ratio Lower Upper

276 100

138 17.5 14.4 21.6

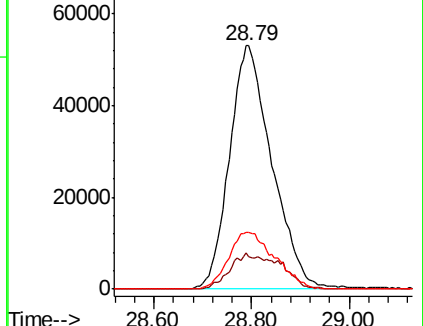
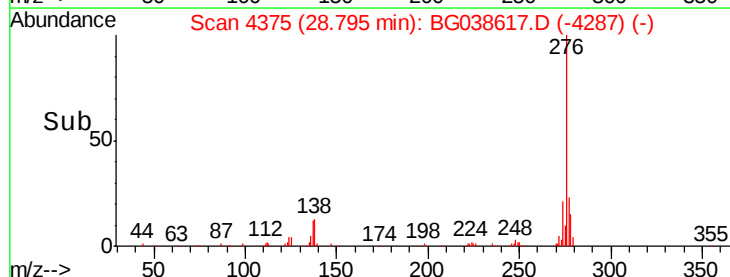
277 25.5 0.0 0.0#

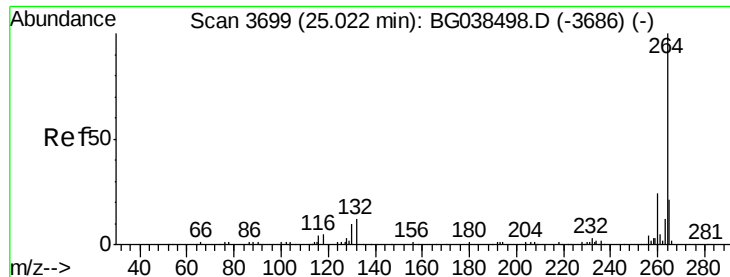


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



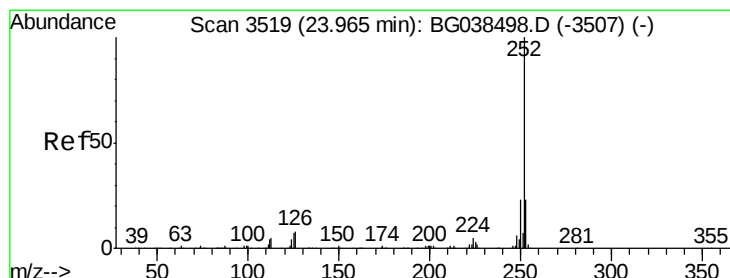
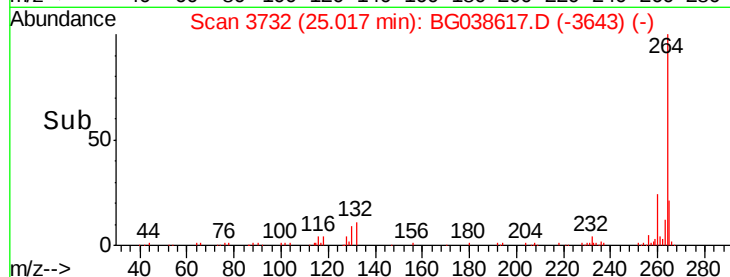
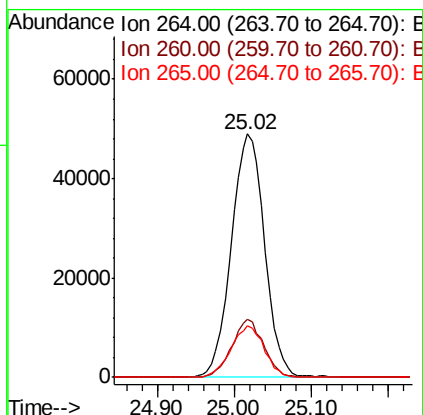
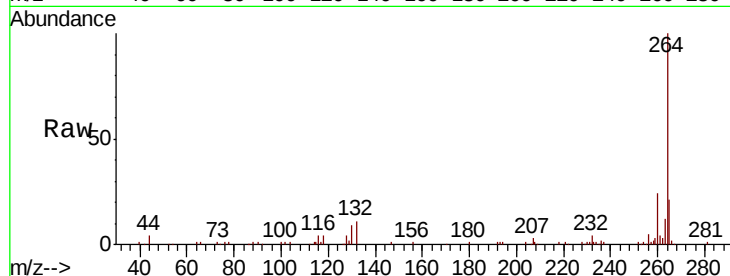


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Instrument :
BNA_G
ClientSampleId :
PB115697BS

Tgt Ion: 264 Resp: 147771

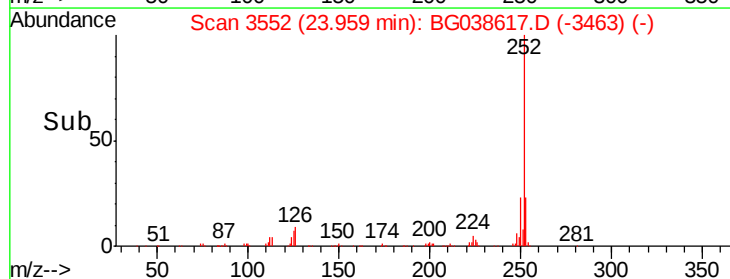
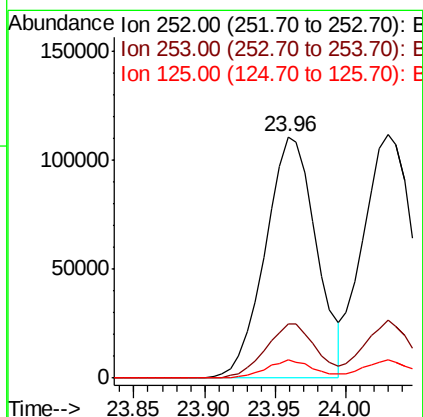
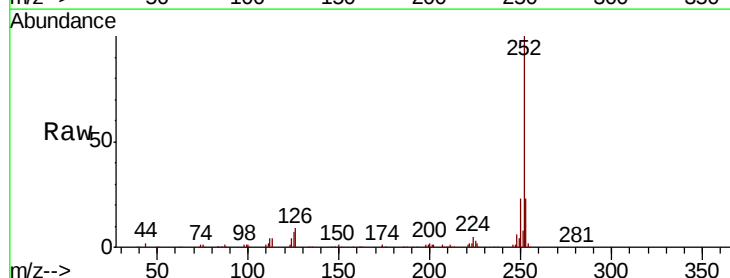
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.4	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 34.399 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG038617.D
Acq: 15 Dec 2018 23:26

Tgt Ion: 252 Resp: 279084

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	7.4	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 34.211 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

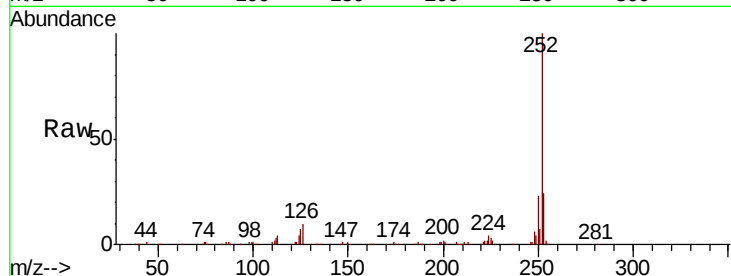
Instrument :

BNA_G

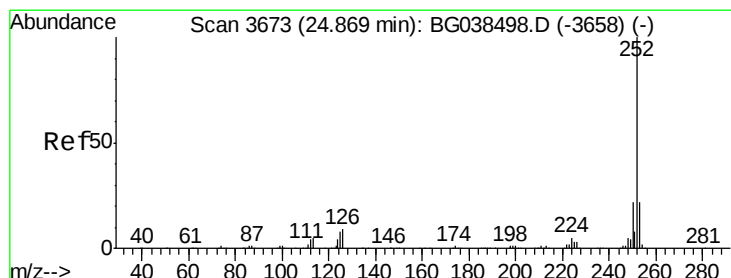
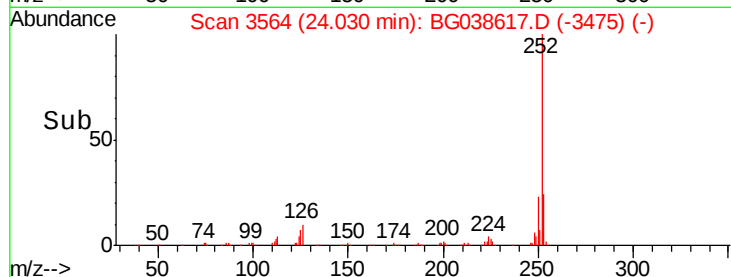
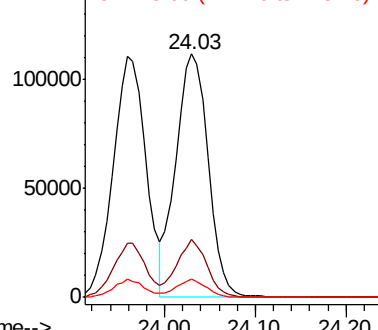
ClientSampleId :

PB115697BS

Tgt Ion:	252	Resp:	276392
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	7.4	5.4	8.2



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

Benzo(a)pyrene

Concen: 35.252 ng

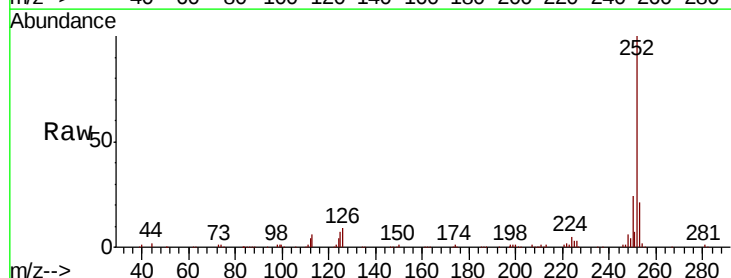
RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

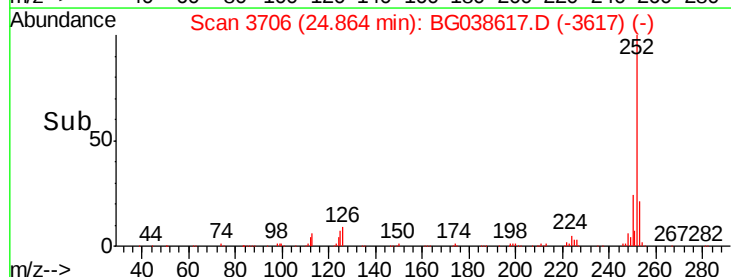
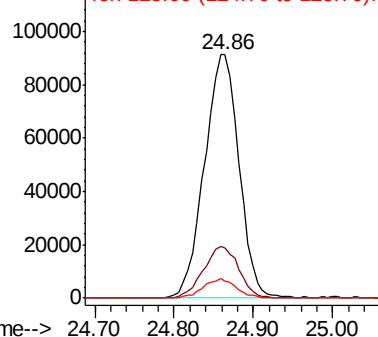
Lab File: BG038617.D

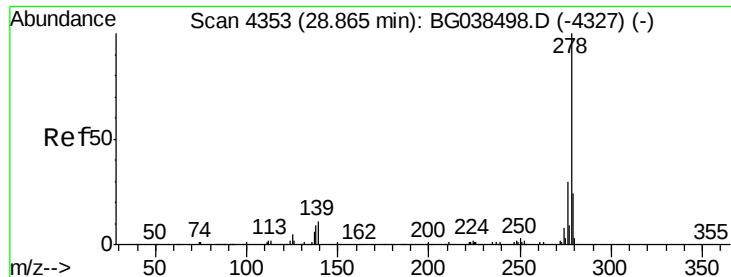
Acq: 15 Dec 2018 23:26

Tgt Ion:	252	Resp:	275923
Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.4	26.0
125	7.2	6.4	9.6



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





#91

Dibenzo(a,h)anthracene

Concen: 34.641 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

Instrument :

BNA_G

ClientSampleId :

PB115697BS

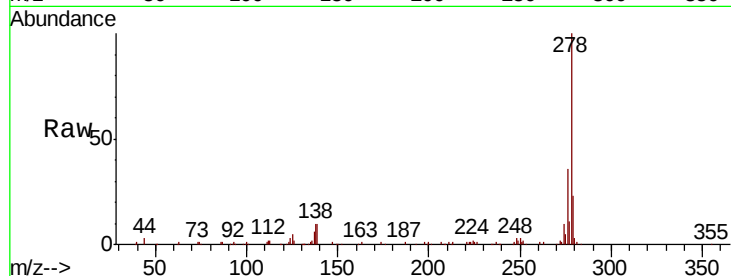
Tgt Ion:278 Resp: 269967

Ion Ratio Lower Upper

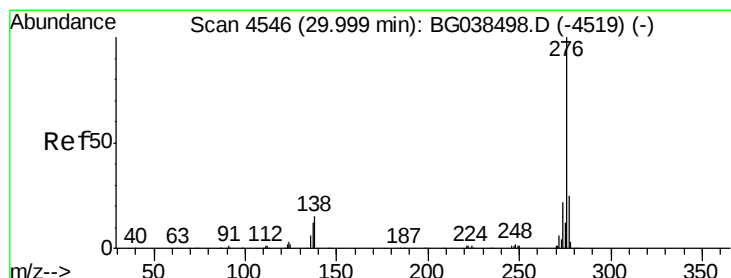
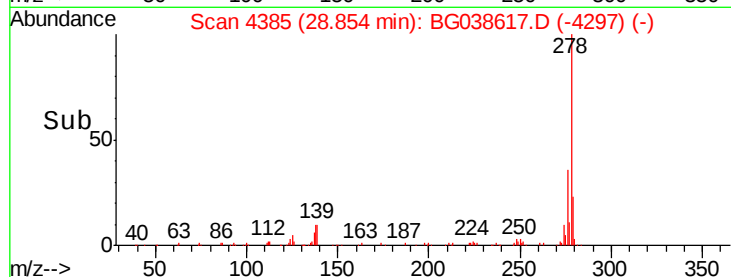
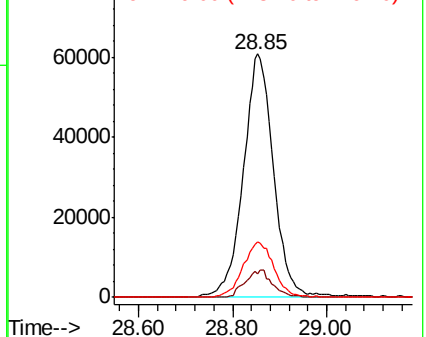
278 100

139 9.8 8.6 12.8

279 22.7 19.0 28.6



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



#92

Benzo(g,h,i)perylene

Concen: 34.504 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038617.D

Acq: 15 Dec 2018 23:26

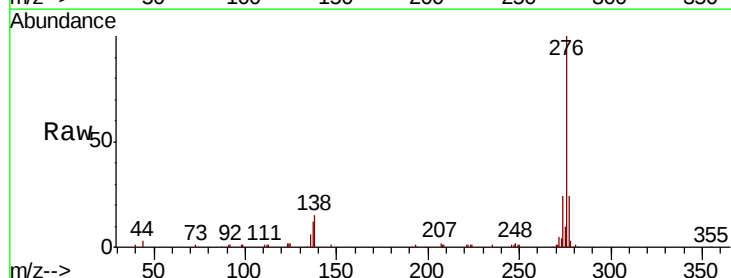
Tgt Ion:276 Resp: 265005

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 15.1 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

