

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
 Data File : BG038698.D
 Acq On : 18 Dec 2018 17:20
 Operator : JU/SJ
 Sample : PB115750BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Quant Time: Dec 19 06:58:57 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	22482	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	85574	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57915	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	150495	20.00	ng	0.00
76) Chrysene-d12	21.72	240	149910	20.00	ng	0.00
87) Perylene-d12	25.02	264	162529	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	173003	136.49	ng	0.00
7) Phenol-d6	7.21	99	232743	133.75	ng	0.00
23) Nitrobenzene-d5	9.23	82	118101	70.51	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	115262	144.41	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	296574	70.25	ng	0.00
79) Terphenyl-d14	20.04	244	581310	84.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20026	33.946	ng	95
3) Pyridine	3.89	79	54290	33.425	ng	88
4) n-Nitrosodimethylamine	3.82	42	36801	46.242	ng	# 84
6) Aniline	7.38	93	66433	29.907	ng	98
8) 2-Chlorophenol	7.62	128	61362	41.832	ng	96
9) Benzaldehyde	7.20	77	20183	17.880	ng	90
10) Phenol	7.24	94	78560	42.495	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	50814	34.524	ng	98
12) 1,3-Dichlorobenzene	7.94	146	66032	38.072	ng	96
13) 1,4-Dichlorobenzene	8.09	146	66613	37.501	ng	99
14) 1,2-Dichlorobenzene	8.41	146	64010	38.224	ng	98
15) Benzyl Alcohol	8.30	79	55750	41.046	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	115976	34.398	ng	97
17) 2-Methylphenol	8.50	107	52838	42.660	ng	96
18) Hexachloroethane	9.13	117	24511	37.763	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	43353	35.473	ng	98
20) 3+4-Methylphenols	8.82	107	72713	42.508	ng	100
22) Acetophenone	8.89	105	88296	41.309	ng	# 99
24) Nitrobenzene	9.27	77	69038	40.741	ng	99
25) Isophorone	9.79	82	124269	41.291	ng	98
26) 2-Nitrophenol	9.99	139	36145	41.675	ng	92
27) 2,4-Dimethylphenol	10.03	122	61397	49.395	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	70037	41.237	ng	97
29) 2,4-Dichlorophenol	10.52	162	65982	47.716	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	69346	41.517	ng	97
31) Naphthalene	10.93	128	190874	45.270	ng	98
32) Benzoic acid	10.19	122	21848	31.977	ng	95
33) 4-Chloroaniline	11.04	127	44032	24.054	ng	97
34) Hexachlorobutadiene	11.18	225	45783	40.509	ng	94
35) Caprolactam	11.82	113	14267	24.931	ng	95
36) 4-Chloro-3-methylphenol	12.15	107	69536	44.066	ng	97
37) 2-Methylnaphthalene	12.52	142	143836	47.818	ng	99
38) 1-Methylnaphthalene	12.74	142	136422	46.738	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85675	39.576	ng	99

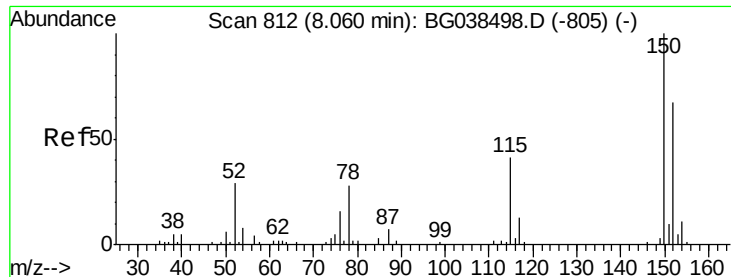
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
 Data File : BG038698.D
 Acq On : 18 Dec 2018 17:20
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	104157	87.574	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	58325	43.818	ng	94
44) 2,4,5-Trichlorophenol	13.21	196	64641	45.867	ng	99
46) 1,1'-Biphenyl	13.53	154	188148	38.752	ng	99
47) 2-Chloronaphthalene	13.58	162	151572	40.416	ng	98
48) 2-Nitroaniline	13.79	65	49492	41.431	ng	95
49) Acenaphthylene	14.42	152	246912	44.039	ng	100
50) Dimethylphthalate	14.15	163	196464	41.540	ng	99
51) 2,6-Dinitrotoluene	14.27	165	44414	41.439	ng	97
52) Acenaphthene	14.76	154	142570	42.526	ng	97
53) 3-Nitroaniline	14.61	138	33540	30.698	ng	90
54) 2,4-Dinitrophenol	14.82	184	43496	68.969	ng	98
55) Dibenzofuran	15.09	168	241323	41.993	ng	98
56) 4-Nitrophenol	14.92	139	67533	81.478	ng	97
57) 2,4-Dinitrotoluene	15.06	165	64626	42.811	ng	96
58) Fluorene	15.74	166	195945	46.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	57446	45.306	ng	99
60) Diethylphthalate	15.50	149	206931	39.856	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	109344	41.161	ng	100
62) 4-Nitroaniline	15.78	138	47593	42.312	ng	93
63) Azobenzene	16.02	77	177340	40.887	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	40069	37.324	ng	97
66) n-Nitrosodiphenylamine	15.94	169	180265	40.767	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	73802	40.154	ng	96
68) Hexachlorobenzene	16.74	284	77046	40.438	ng	99
69) Atrazine	16.89	200	73946	45.061	ng	95
70) Pentachlorophenol	17.09	266	80186	71.154	ng	95
71) Phenanthrene	17.49	178	343539	44.020	ng	99
72) Anthracene	17.58	178	348305	45.209	ng	99
73) Carbazole	17.85	167	306750	40.259	ng	99
74) Di-n-butylphthalate	18.38	149	360066	41.184	ng	99
75) Fluoranthene	19.49	202	427482	44.272	ng	98
77) Benzidine	19.68	184	195995	44.208	ng	98
78) Pyrene	19.86	202	420624	42.472	ng	100
80) Butylbenzylphthalate	20.73	149	162965	42.119	ng	97
81) Benzo(a)anthracene	21.70	228	409878	44.870	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	106034	29.268	ng	99
83) Chrysene	21.77	228	381879	43.402	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	225841	41.155	ng	99
85) Di-n-octyl phthalate	22.80	149	384798	41.870	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	462008	44.664	ng	# 84
88) Benzo(b)fluoranthene	23.96	252	402842	45.144	ng	99
89) Benzo(k)fluoranthene	24.03	252	398524	44.849	ng	97
90) Benzo(a)pyrene	24.86	252	395185	45.905	ng	98
91) Dibenzo(a,h)anthracene	28.87	278	382629	44.639	ng	97
92) Benzo(g,h,i)perylene	29.99	276	379498	44.925	ng	99

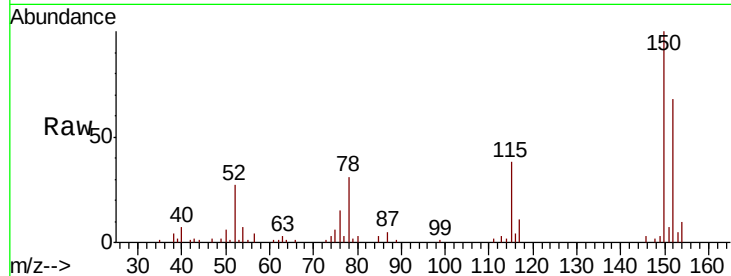
(#) = qualifier out of range (m) = manual integration (+) = signals summed



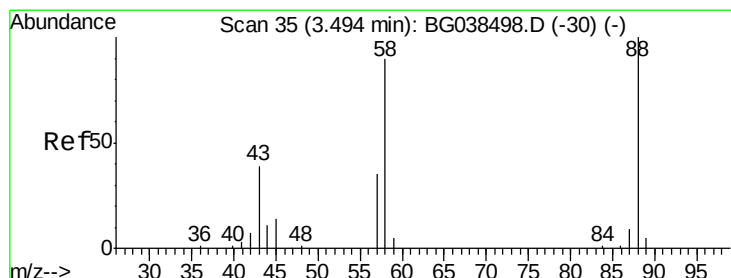
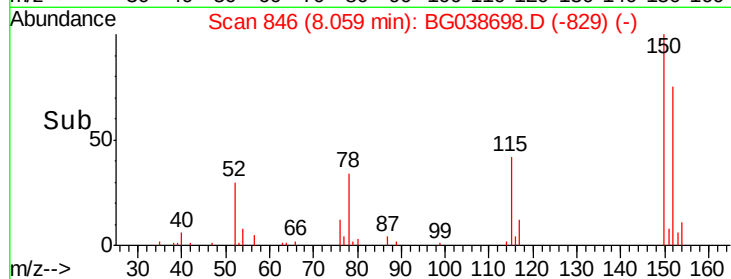
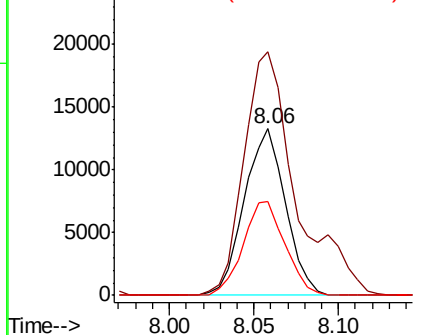
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tgt Ion:152 Resp: 22482
 Ion Ratio Lower Upper
 152 100
 150 146.0 119.5 179.3
 115 56.0 49.6 74.4

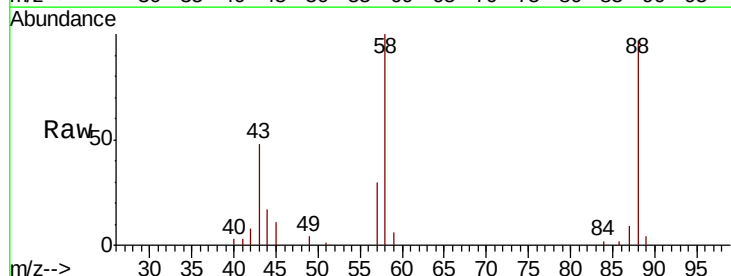


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

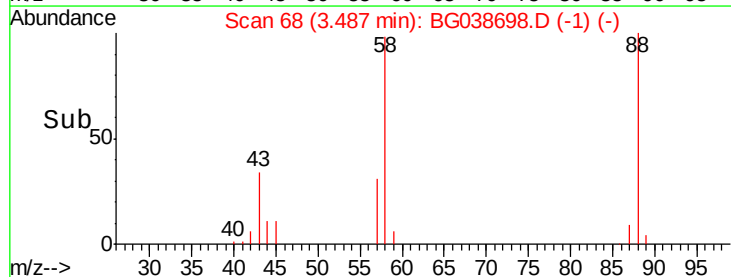
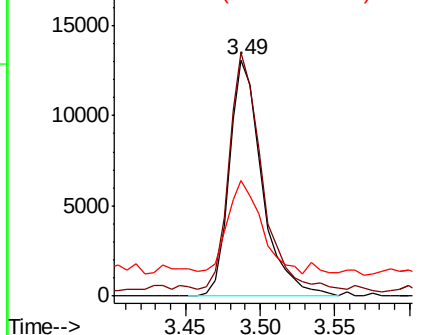


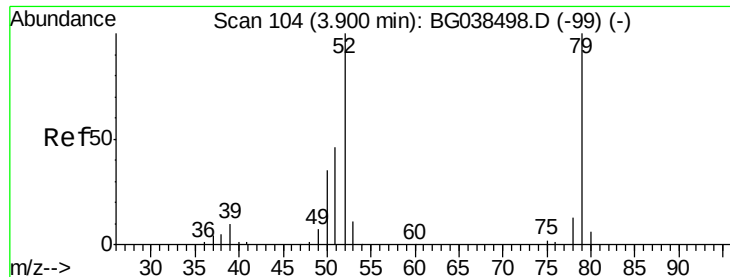
#2
 1,4-Dioxane
 Concen: 33.946 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion: 88 Resp: 20026
 Ion Ratio Lower Upper
 88 100
 58 100.2 75.7 113.5
 43 41.0 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: 33.425 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

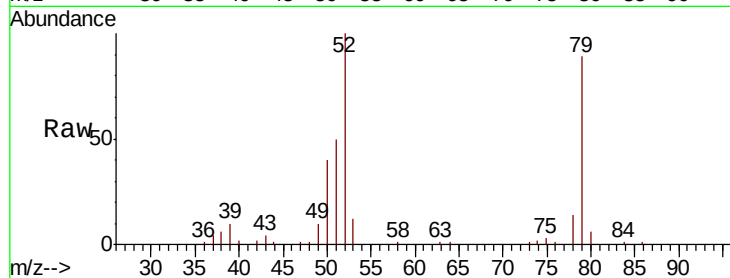
Tgt Ion: 79 Resp: 54290

Ion Ratio Lower Upper

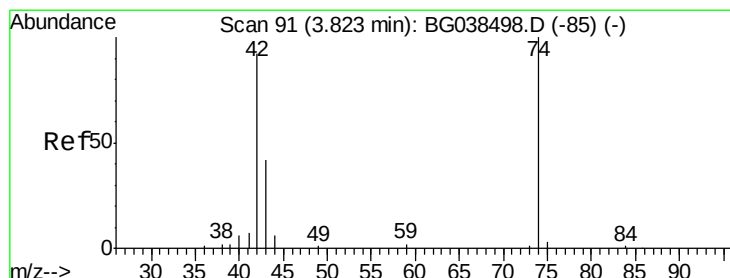
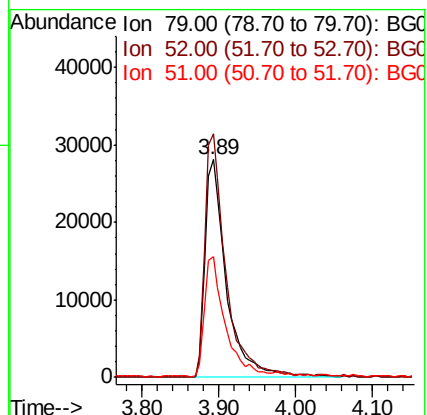
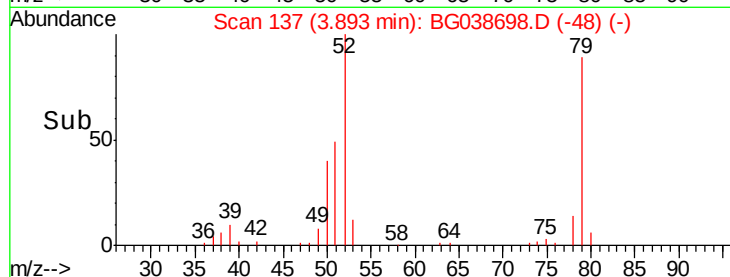
79 100

52 111.9 80.2 120.2

51 55.8 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: 46.242 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

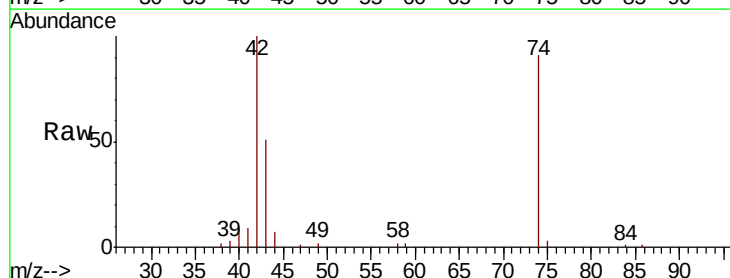
Tgt Ion: 42 Resp: 36801

Ion Ratio Lower Upper

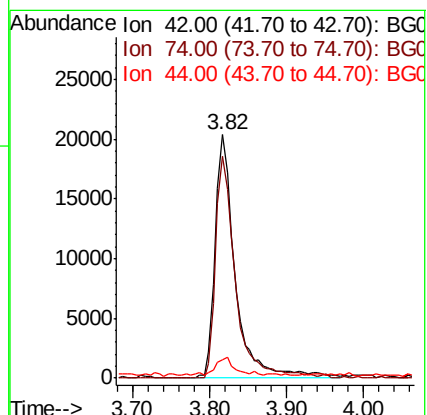
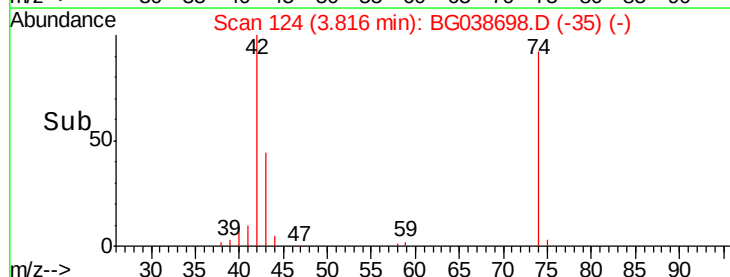
42 100

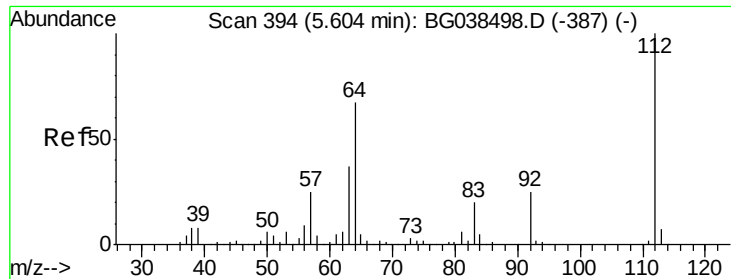
74 90.9 86.7 130.1

44 7.5 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: 136.486 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

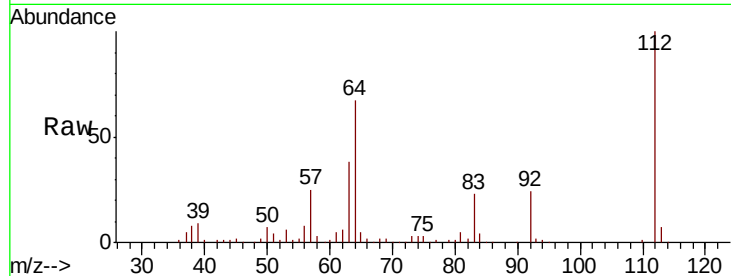
Tgt Ion: 112 Resp: 173003

Ion Ratio Lower Upper

112 100

64 66.9 53.4 80.2

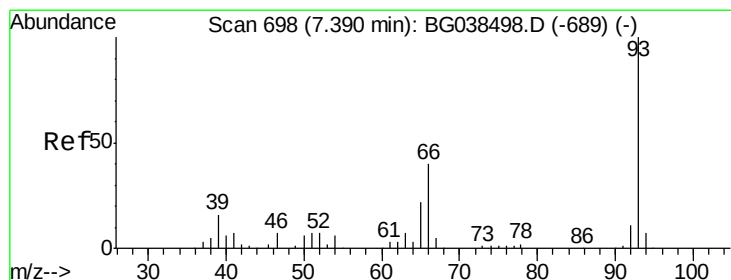
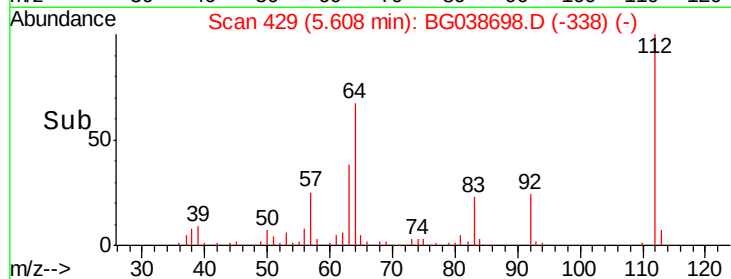
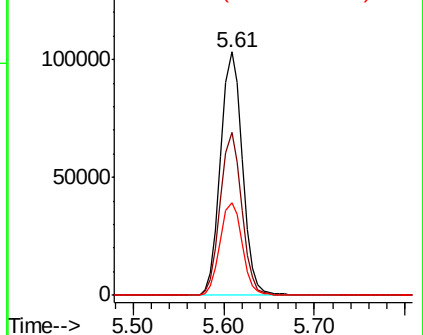
63 38.3 29.3 43.9



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: 29.907 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

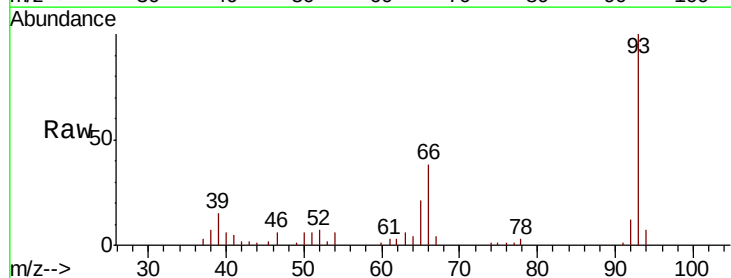
Tgt Ion: 93 Resp: 66433

Ion Ratio Lower Upper

93 100

66 38.4 31.7 47.5

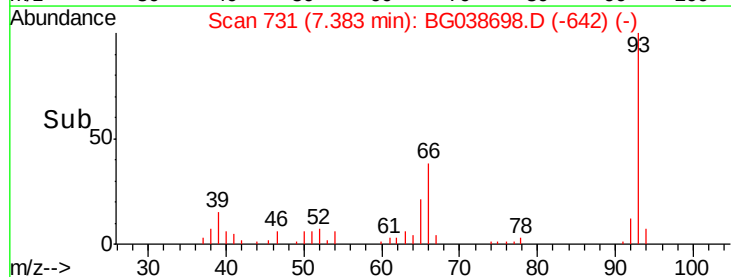
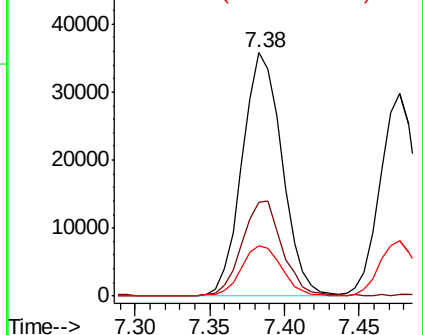
65 20.8 17.8 26.6

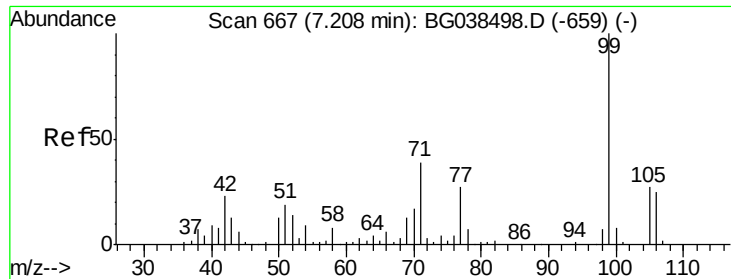


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.752 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

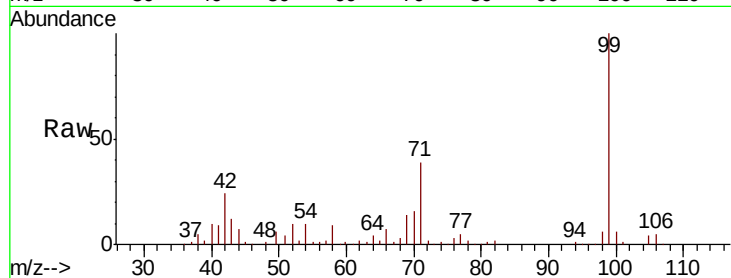
Tgt Ion: 99 Resp: 232743

Ion Ratio Lower Upper

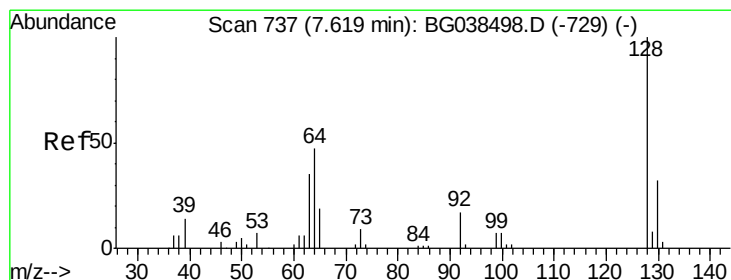
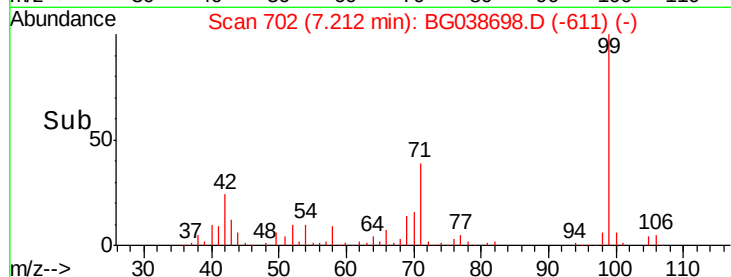
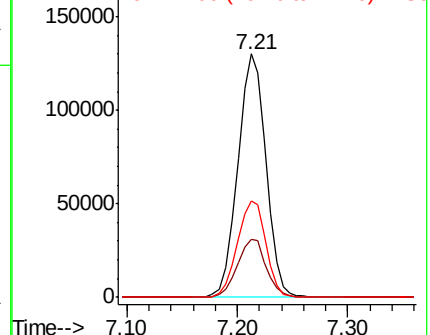
99 100

42 24.1 18.5 27.7

71 39.4 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: 41.832 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

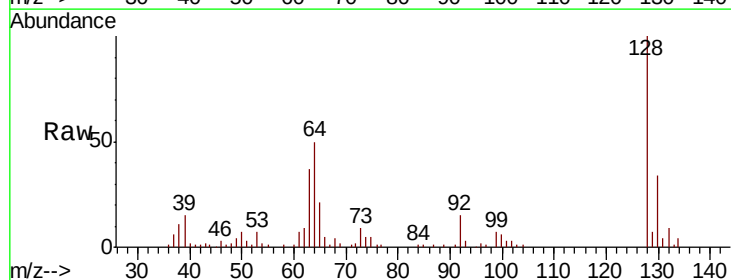
Tgt Ion:128 Resp: 61362

Ion Ratio Lower Upper

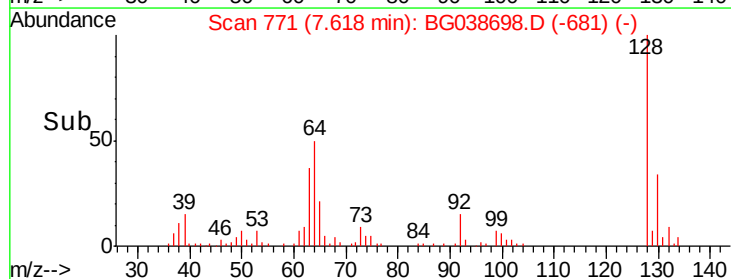
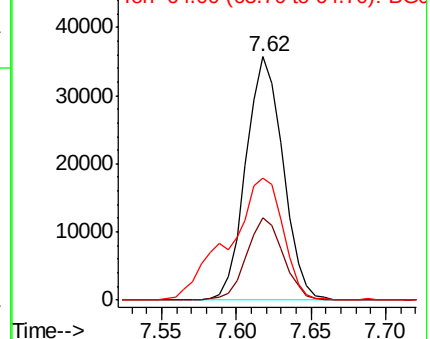
128 100

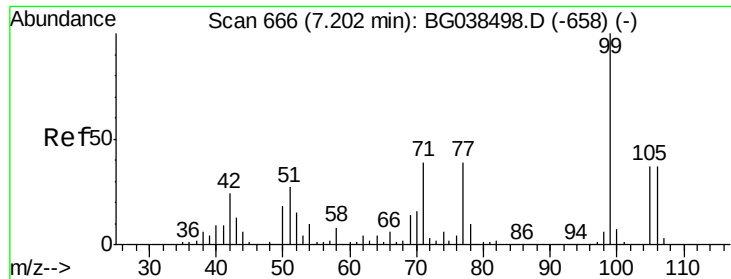
130 33.9 11.8 51.8

64 50.2 33.2 73.2



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





#9

Benzaldehyde

Concen: 17.880 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

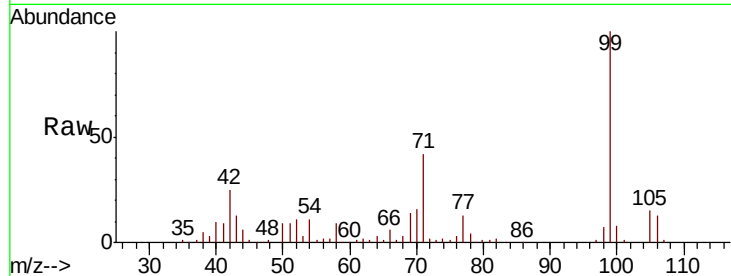
Tgt Ion: 77 Resp: 20183

Ion Ratio Lower Upper

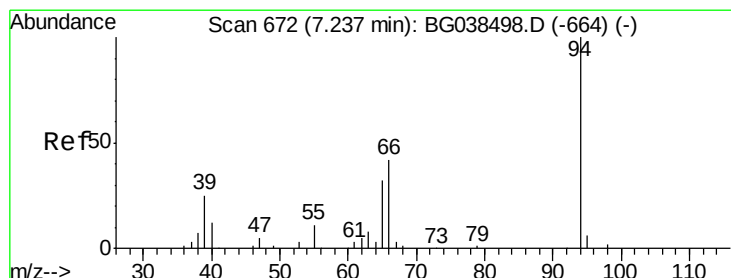
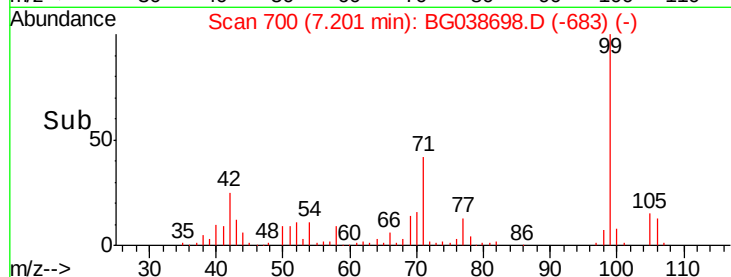
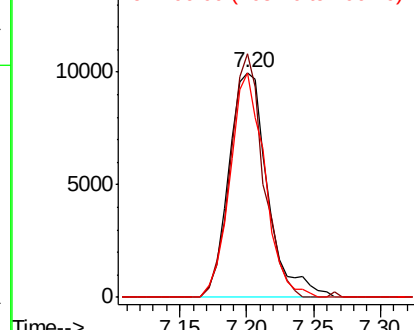
77 100

105 108.3 74.0 114.0

106 99.6 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: 42.495 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

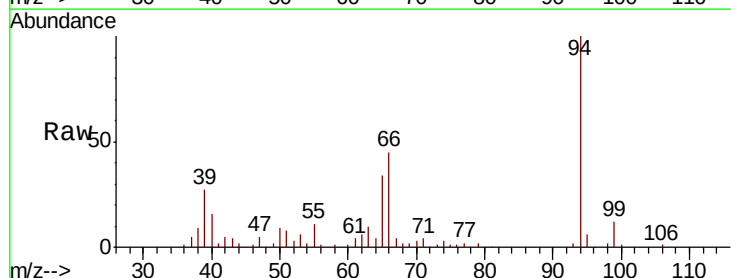
Tgt Ion: 94 Resp: 78560

Ion Ratio Lower Upper

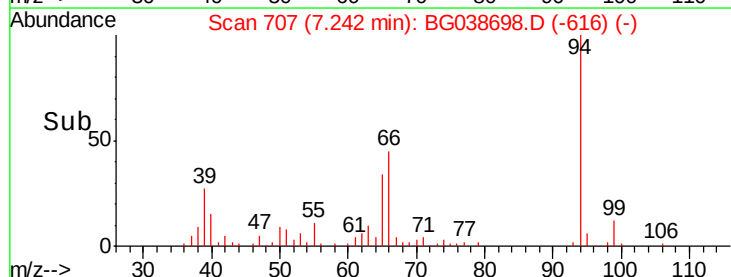
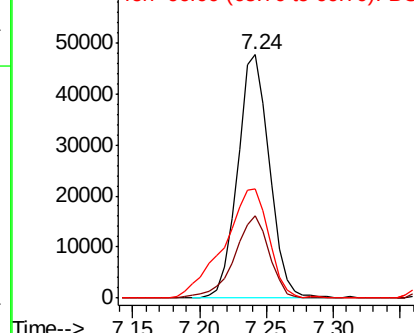
94 100

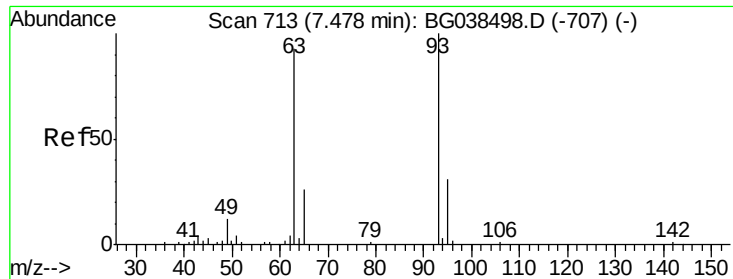
65 34.0 12.6 52.6

66 45.0 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

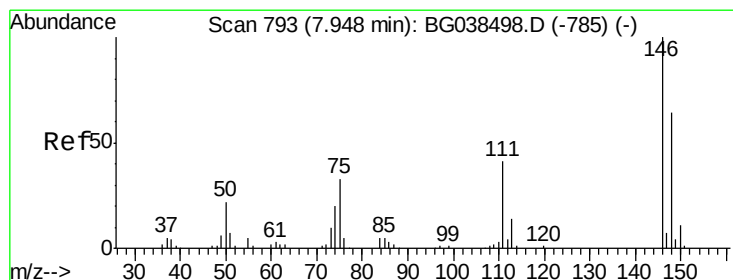
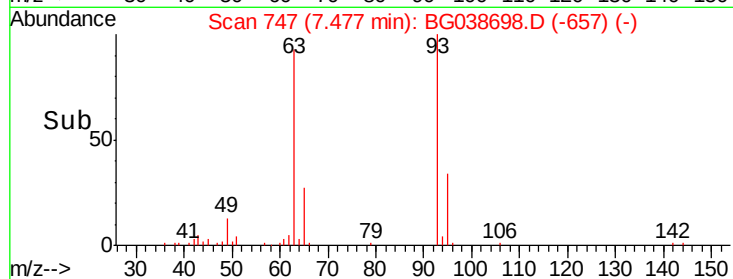
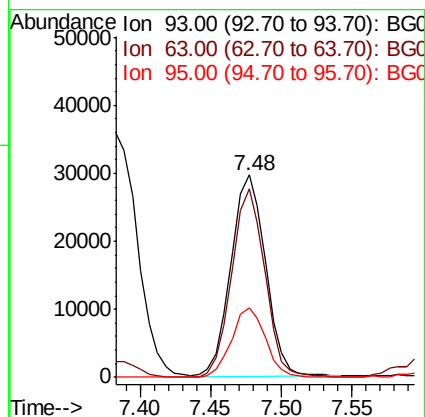
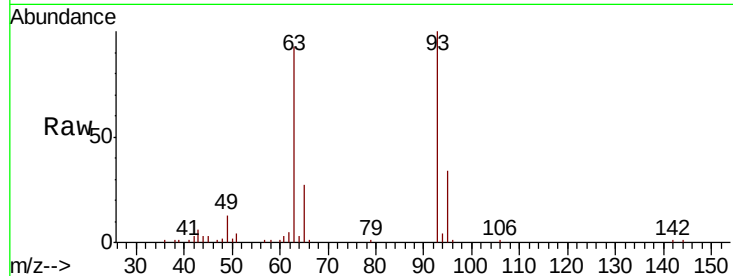




#11
bis(2-Chloroethyl)ether
Concen: 34.524 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

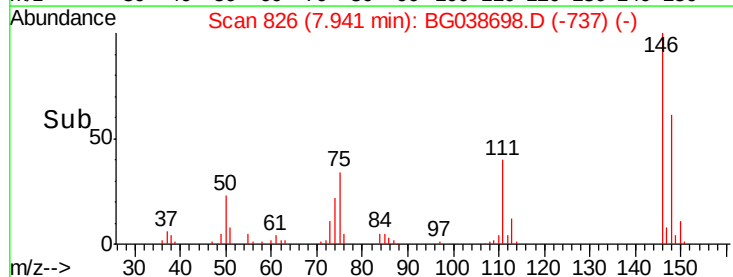
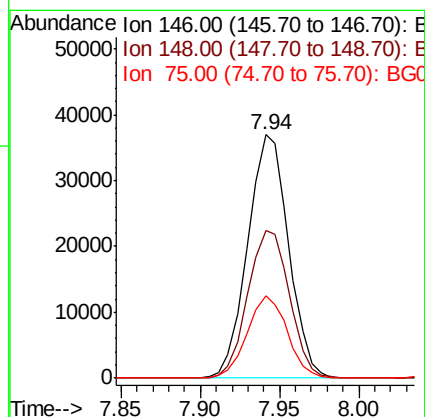
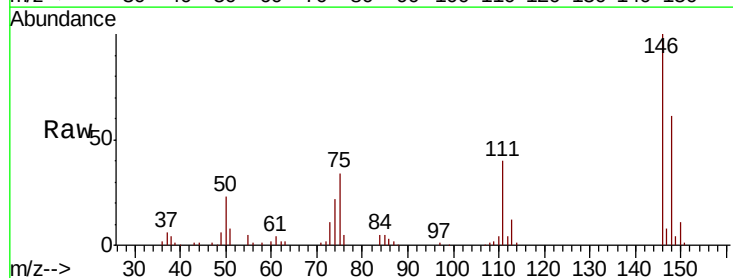
Instrument :
BNA_G
ClientSampleId :
PB115750BS

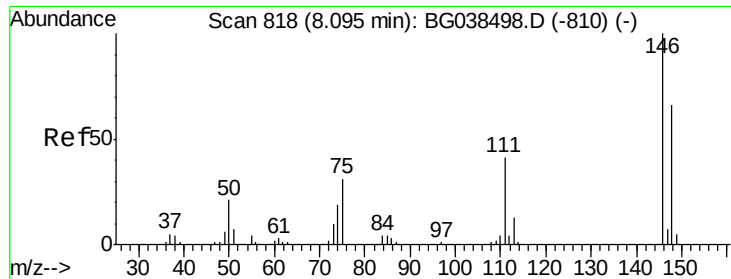
Tgt Ion: 93 Resp: 50814
Ion Ratio Lower Upper
93 100
63 93.1 72.2 112.2
95 34.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.072 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion: 146 Resp: 66032
Ion Ratio Lower Upper
146 100
148 60.5 51.4 77.0
75 33.7 26.1 39.1

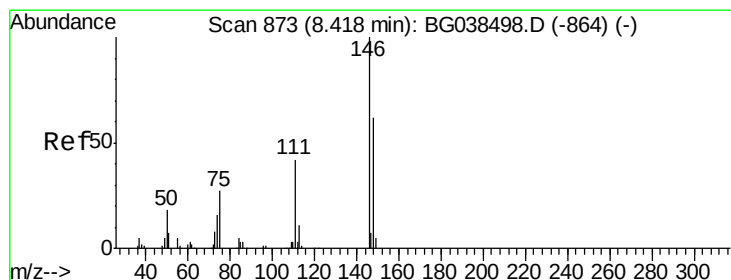
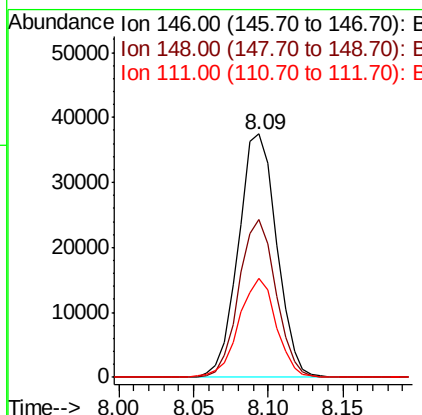
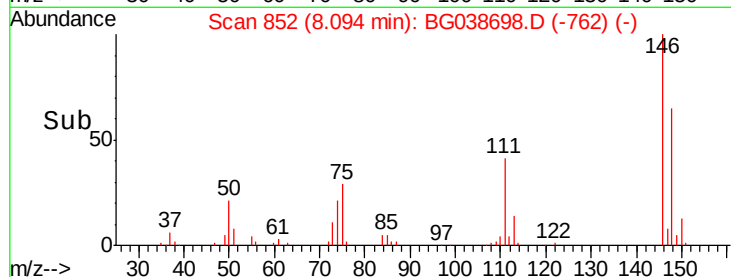
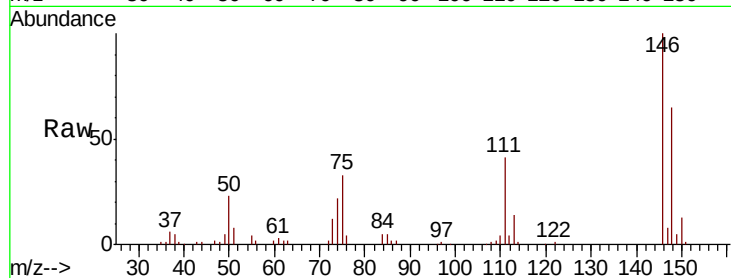




#13
 1,4-Dichlorobenzene
 Concen: 37.501 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

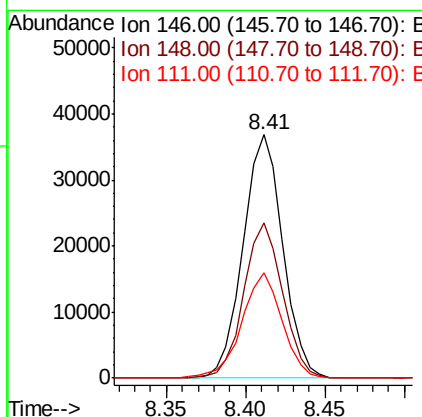
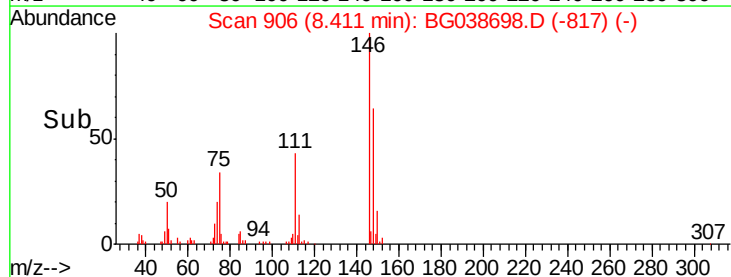
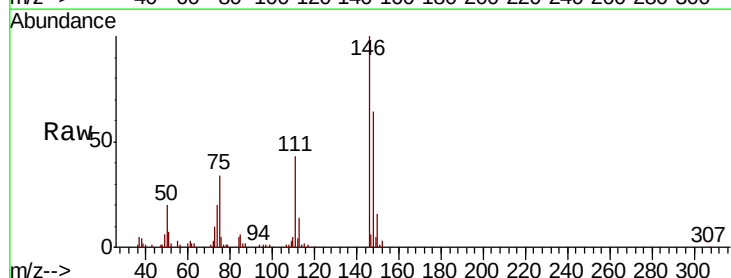
Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

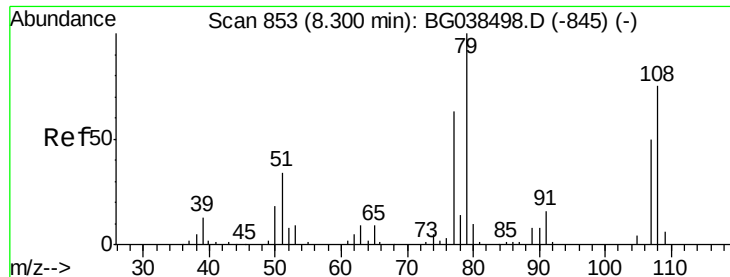
Tgt Ion:146 Resp: 66613
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.4 78.6
 111 40.6 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 38.224 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:146 Resp: 64010
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.4 74.0
 111 43.3 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.046 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

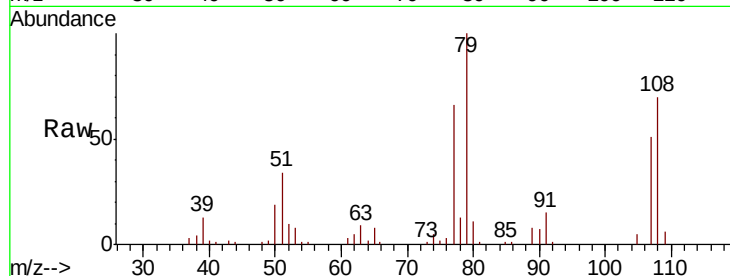
Tgt Ion: 79 Resp: 55750

Ion Ratio Lower Upper

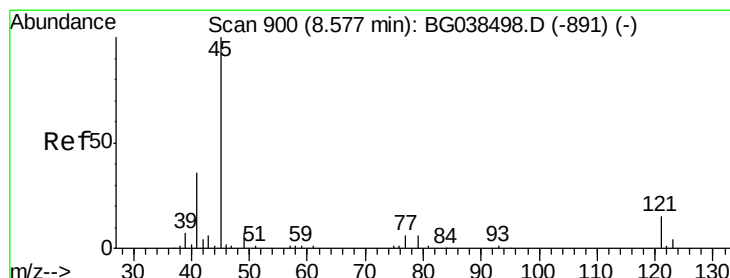
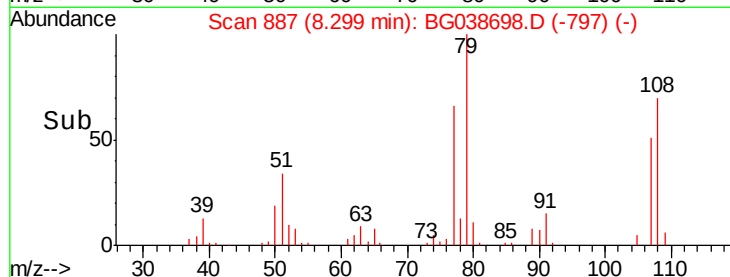
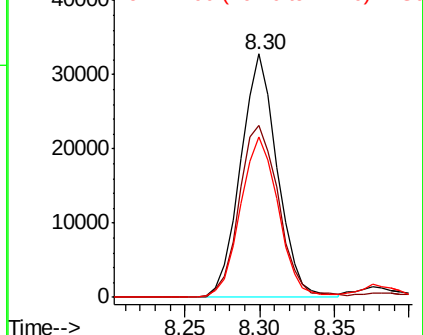
79 100

108 70.4 60.2 90.4

77 65.6 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: 34.398 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

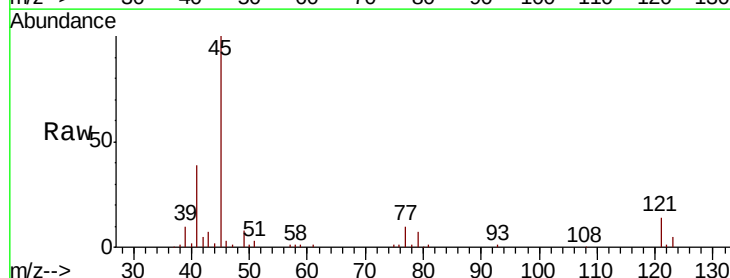
Tgt Ion: 45 Resp: 115976

Ion Ratio Lower Upper

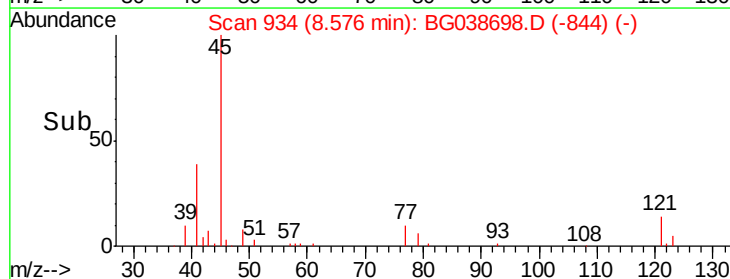
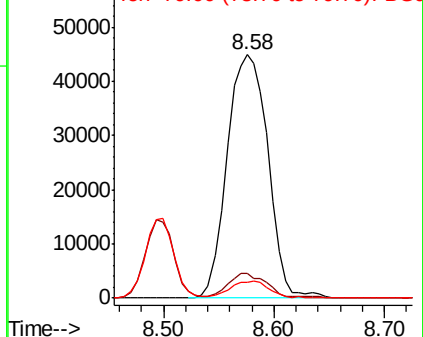
45 100

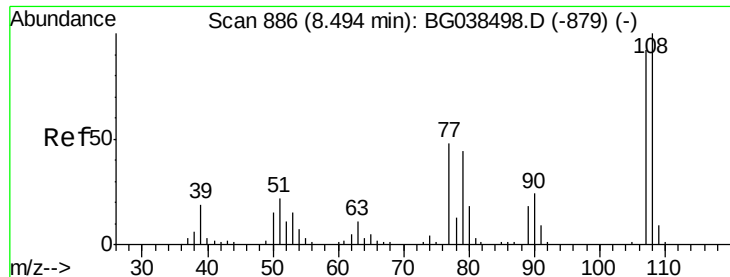
77 10.1 0.0 28.2

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

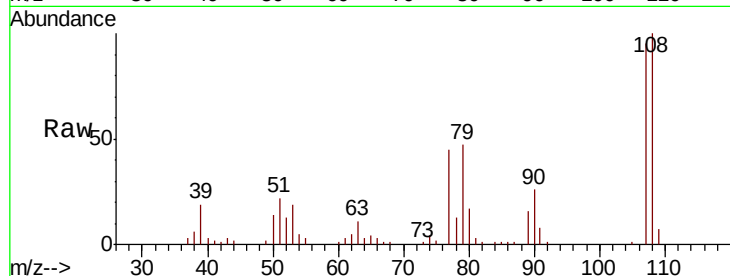




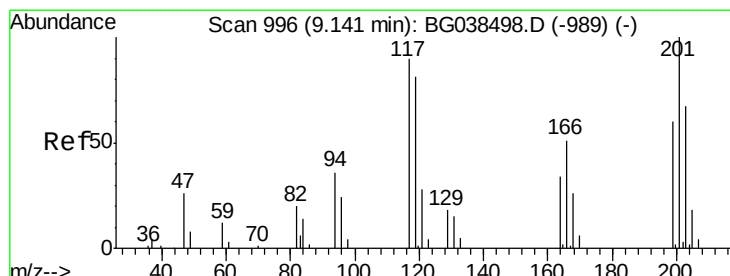
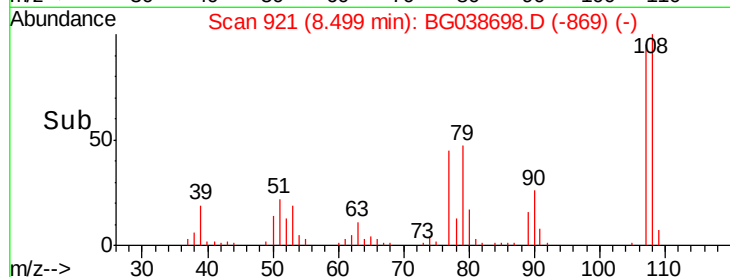
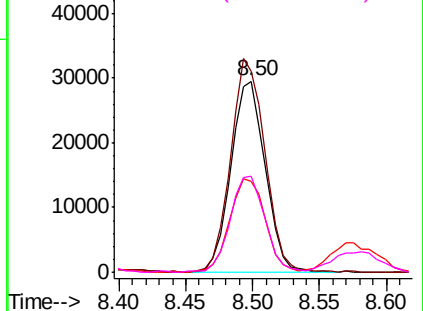
#17
2-Methylphenol
Concen: 42.660 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tgt Ion:107 Resp: 52838
Ion Ratio Lower Upper
107 100
108 105.5 87.1 130.7
77 47.8 42.0 63.0
79 50.0 38.2 57.2

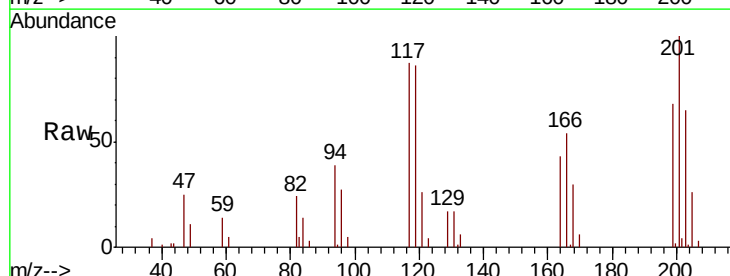


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

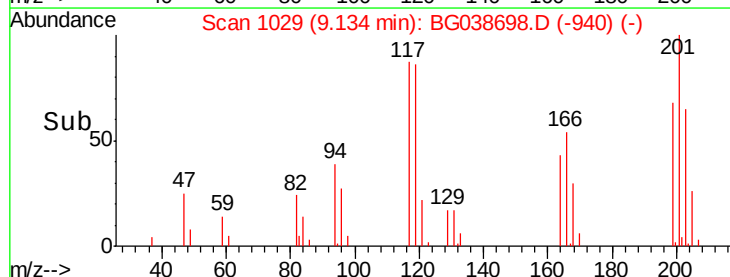
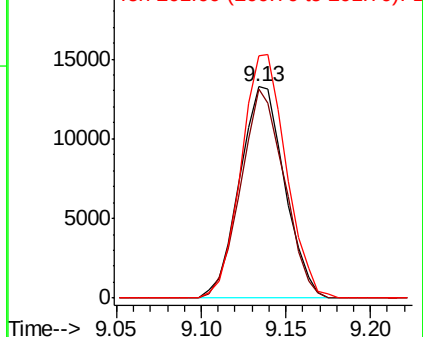


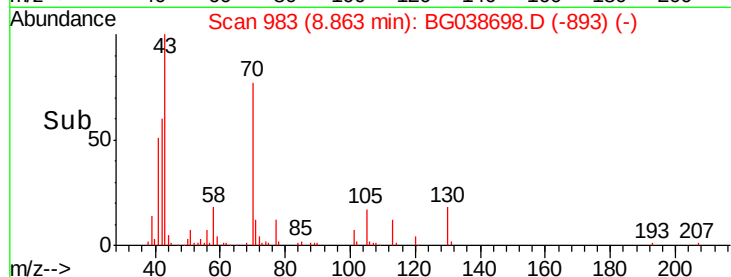
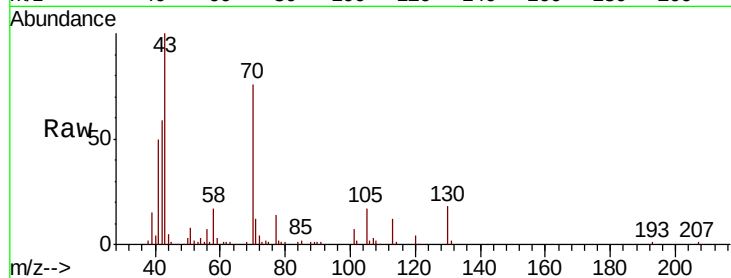
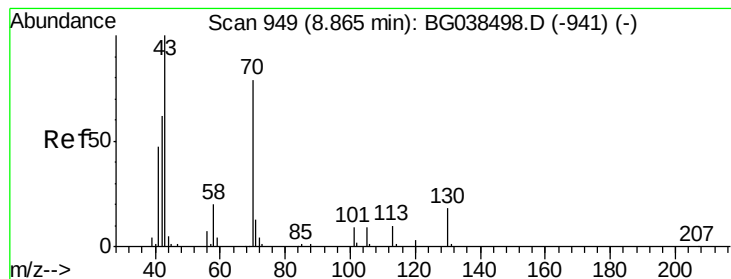
#18
Hexachloroethane
Concen: 37.763 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:117 Resp: 24511
Ion Ratio Lower Upper
117 100
119 98.9 73.8 110.8
201 118.5 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.473 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

Tgt Ion: 70 Resp: 43353

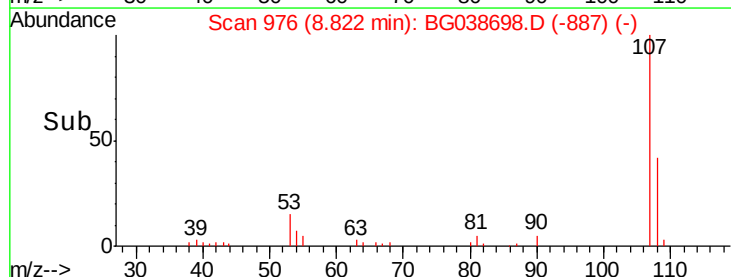
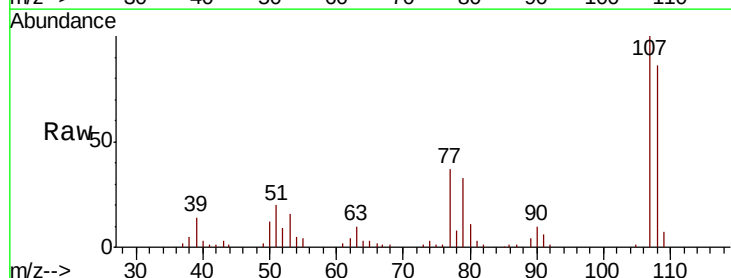
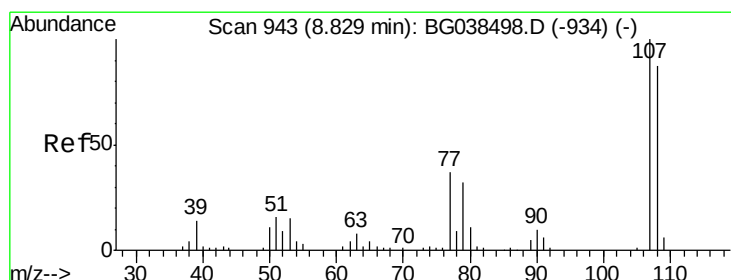
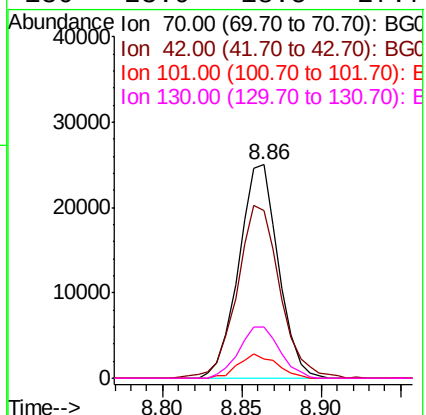
Ion Ratio Lower Upper

70 100

42 78.6 63.6 95.4

101 9.3 9.2 13.8

130 23.9 18.5 27.7



#20

3+4-Methylphenols

Concen: 42.508 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion: 107 Resp: 72713

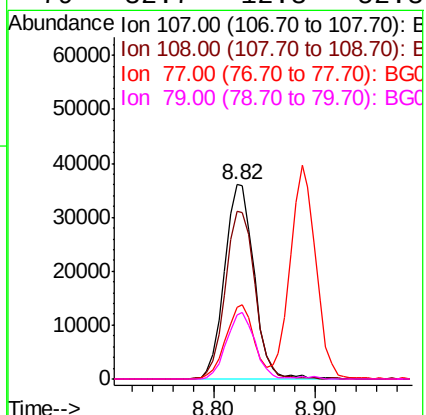
Ion Ratio Lower Upper

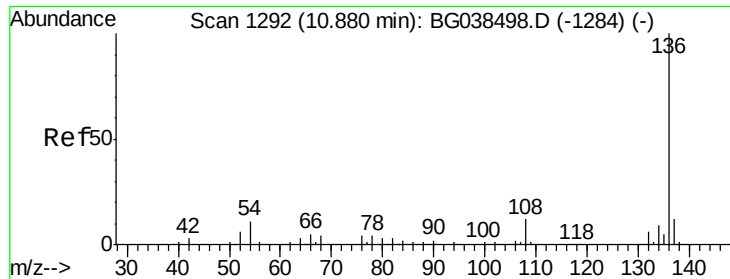
107 100

108 86.3 66.7 106.7

77 37.2 17.3 57.3

79 32.7 12.3 52.3

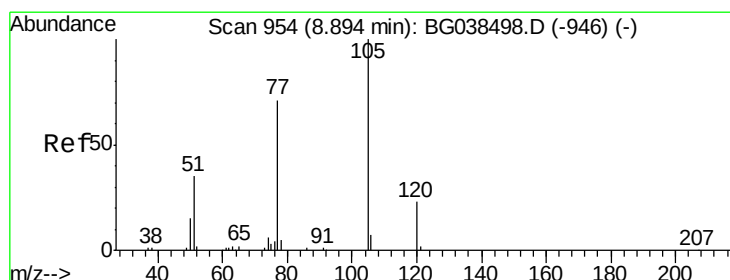
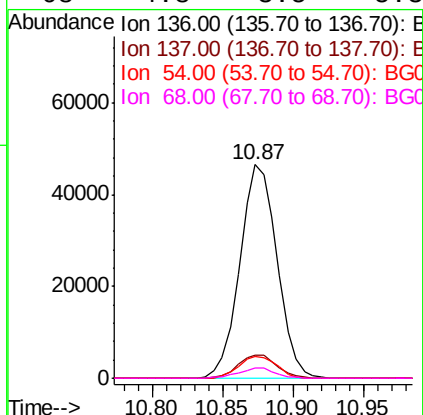
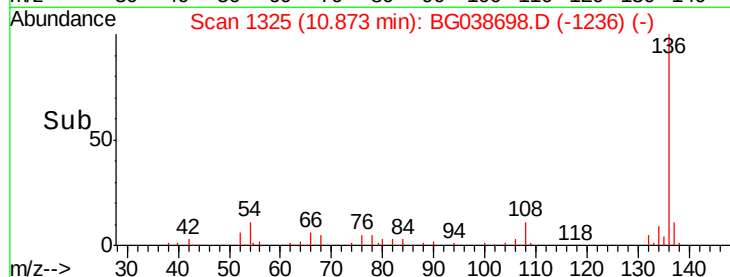
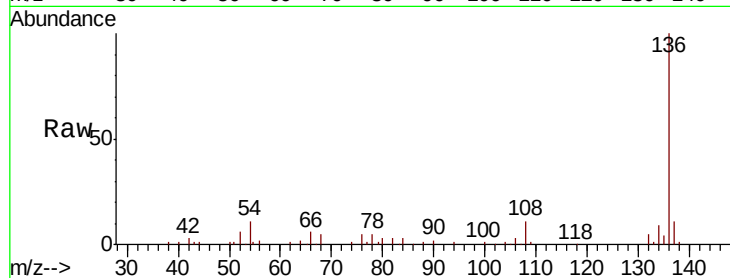




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

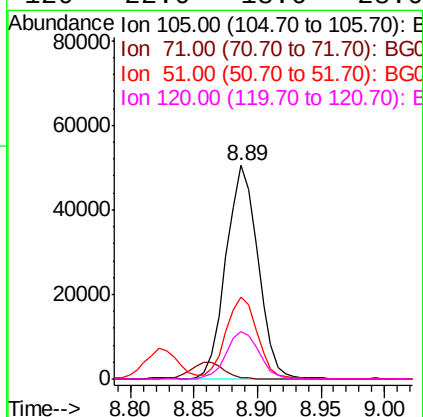
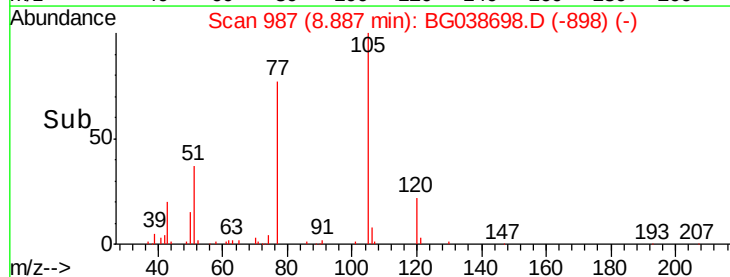
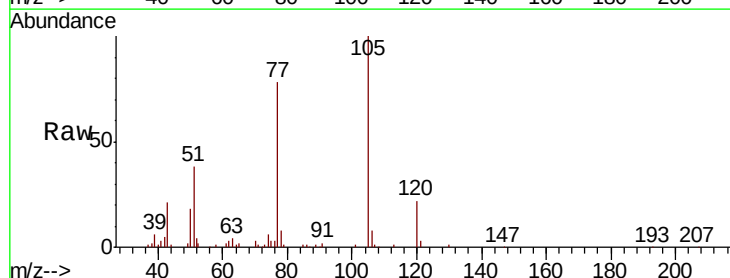
Instrument :
BNA_G
ClientSampleId :
PB115750BS

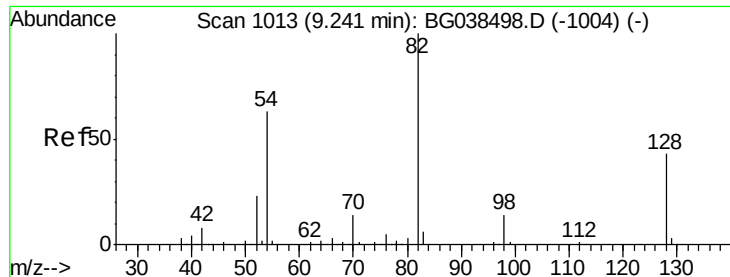
Tgt Ion:	136	Resp:	85574
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	11.2	8.5	12.7
68	4.8	3.5	5.3



#22
Acetophenone
Concen: 41.309 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:	105	Resp:	88296
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	38.3	30.6	46.0
120	22.0	18.6	28.0

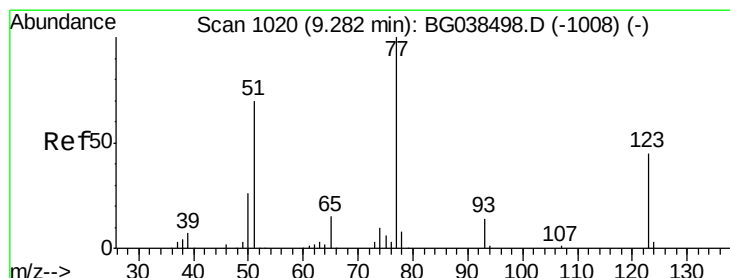
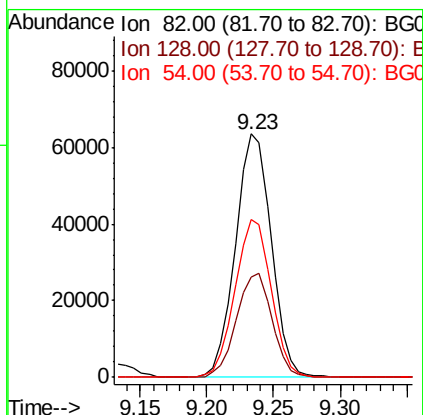
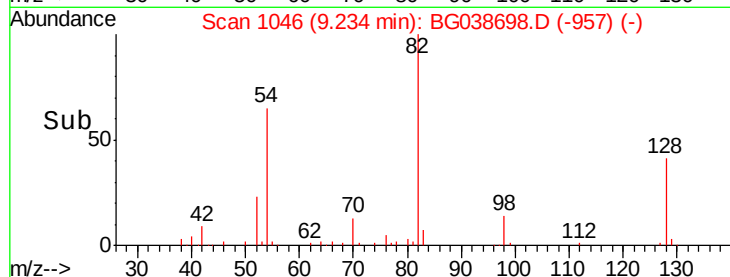
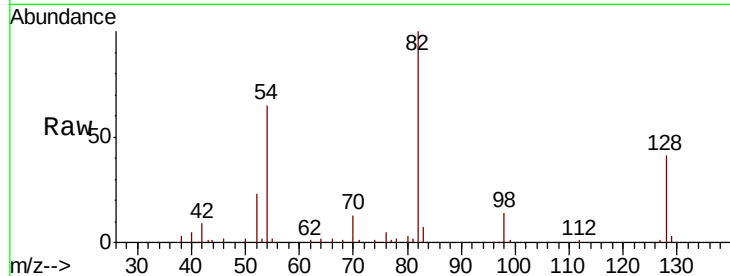




#23
 Nitrobenzene-d5
 Concen: 70.506 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

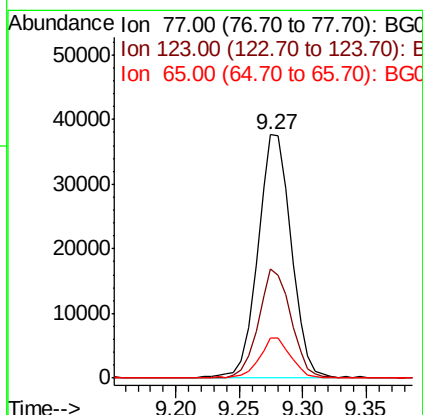
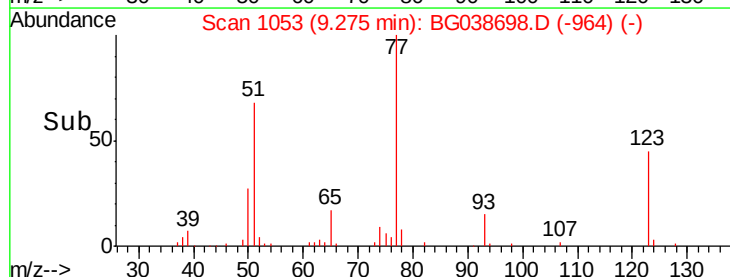
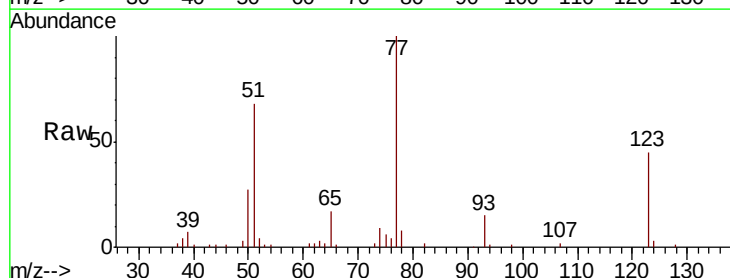
Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

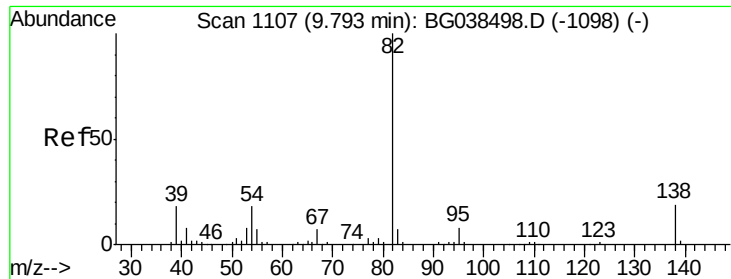
Tgt Ion: 82 Resp: 118101
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 65.1 50.6 76.0



#24
 Nitrobenzene
 Concen: 40.741 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion: 77 Resp: 69038
 Ion Ratio Lower Upper
 77 100
 123 45.1 35.9 53.9
 65 16.6 12.0 18.0

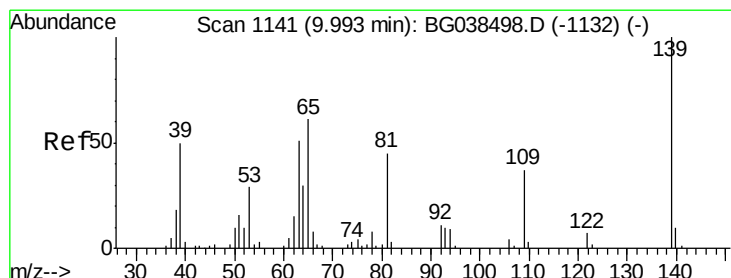
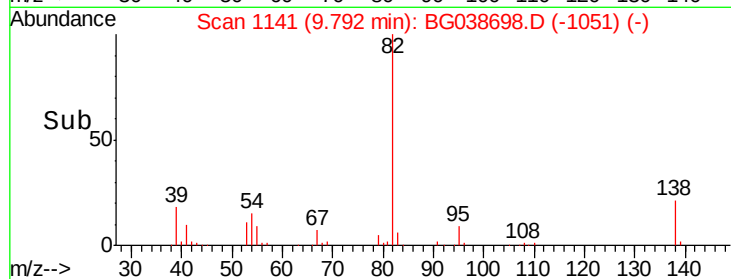
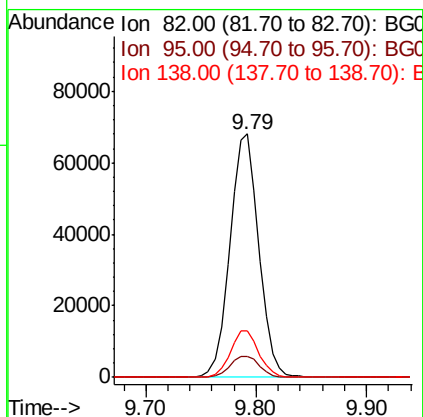
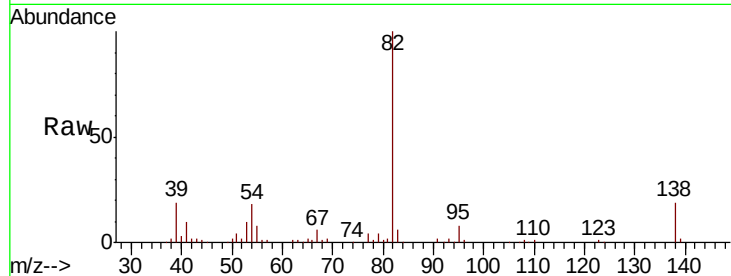




#25
Isophorone
Concen: 41.291 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

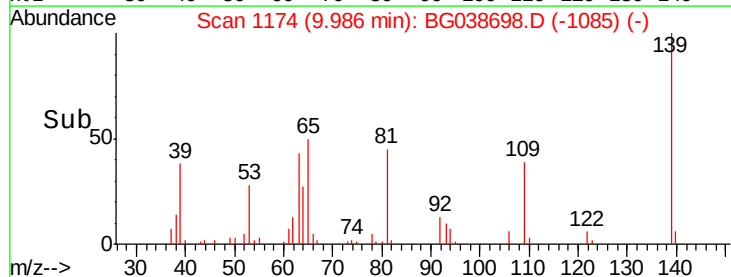
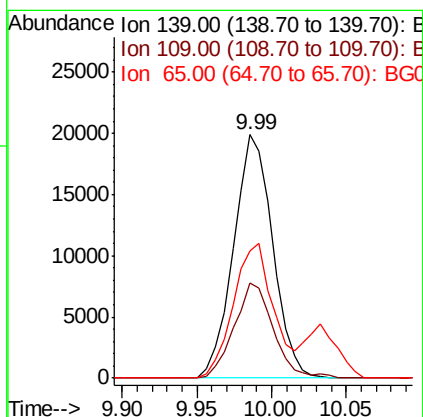
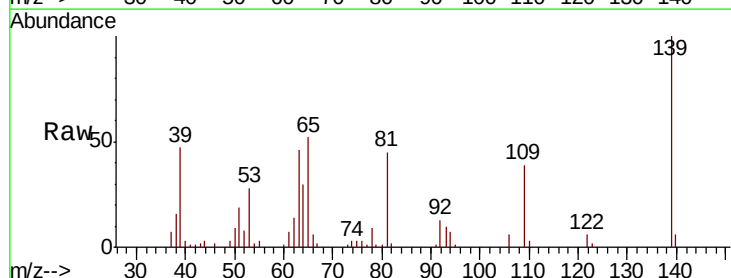
Instrument :
BNA_G
ClientSampleId :
PB115750BS

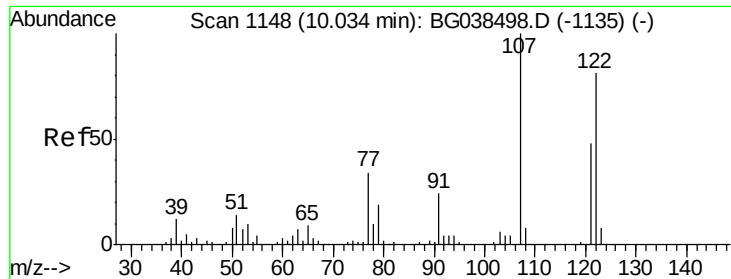
Tgt Ion: 82 Resp: 124269
Ion Ratio Lower Upper
82 100
95 8.4 6.1 9.1
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 41.675 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion: 139 Resp: 36145
Ion Ratio Lower Upper
139 100
109 39.3 29.5 44.3
65 52.3 48.5 72.7

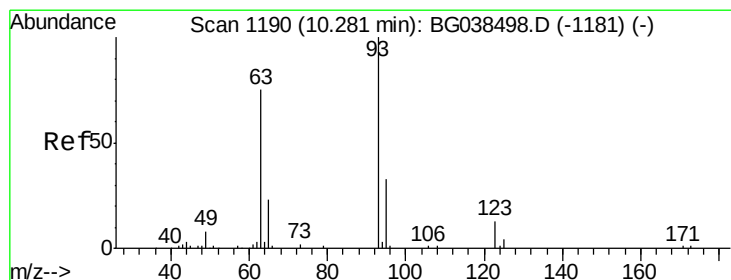
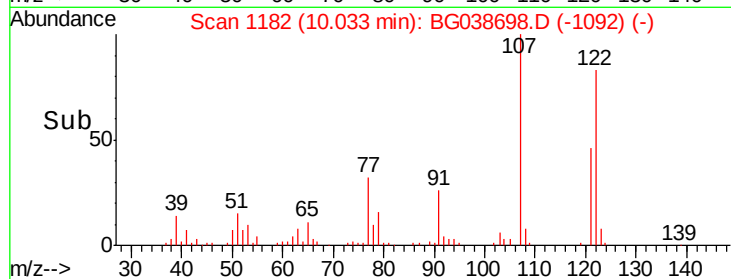
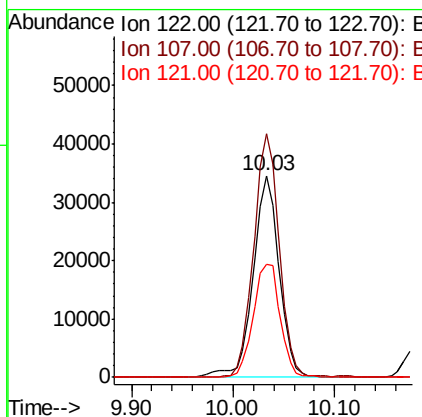
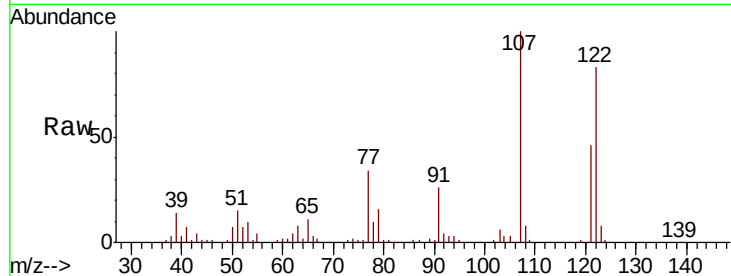




#27
2,4-Dimethylphenol
Concen: 49.395 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

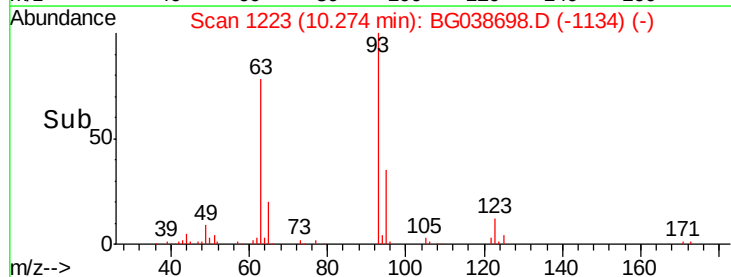
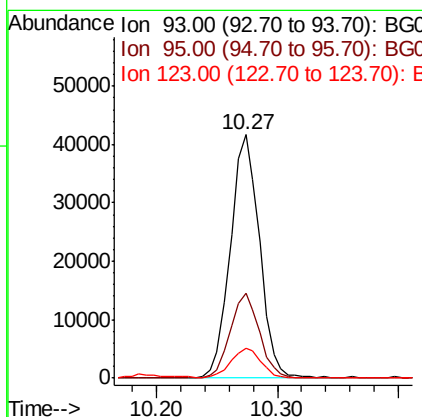
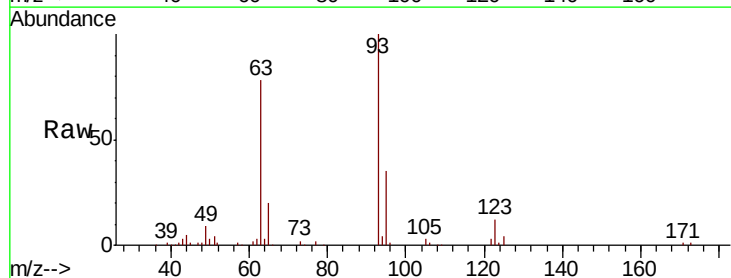
Instrument :
BNA_G
ClientSampleId :
PB115750BS

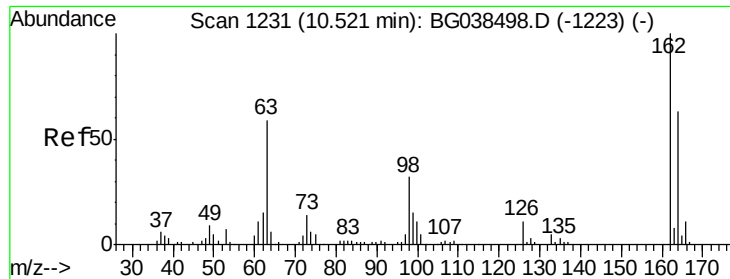
Tgt Ion:122 Resp: 61397
Ion Ratio Lower Upper
122 100
107 120.7 98.4 147.6
121 56.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.237 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion: 93 Resp: 70037
Ion Ratio Lower Upper
93 100
95 35.0 26.6 40.0
123 12.1 10.6 16.0

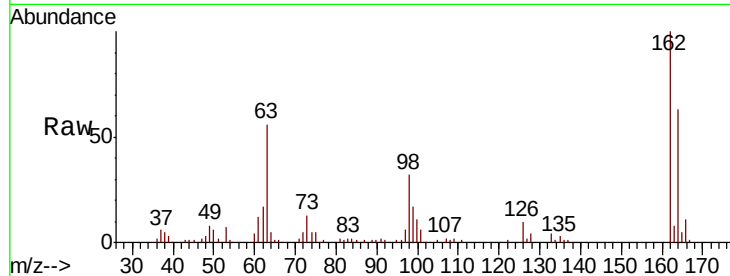




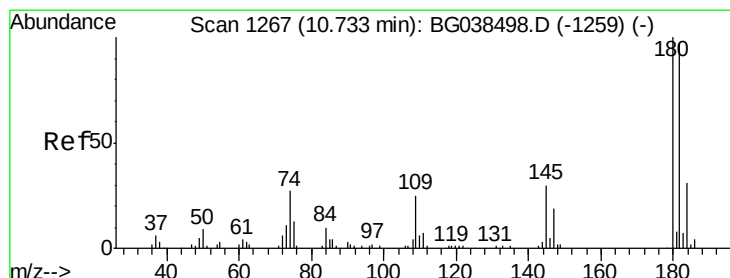
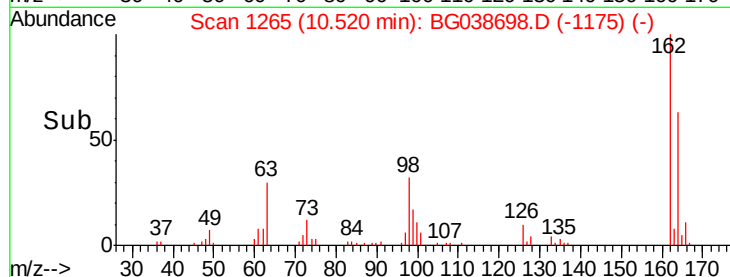
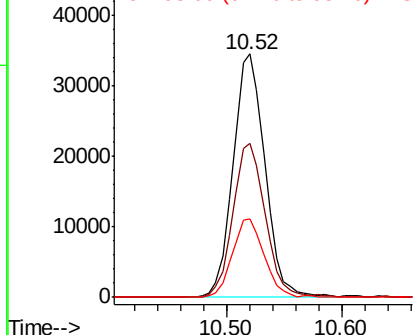
#29
2,4-Dichlorophenol
Concen: 47.716 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.9	82.9
98	32.1	12.1	52.1

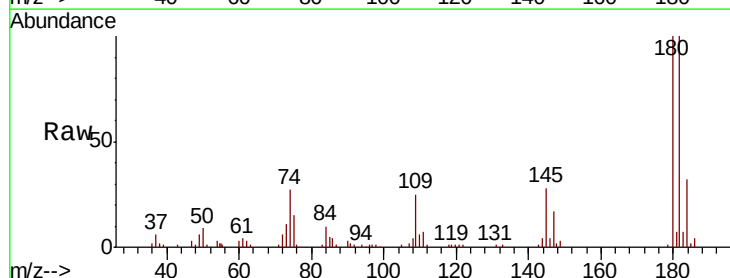


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

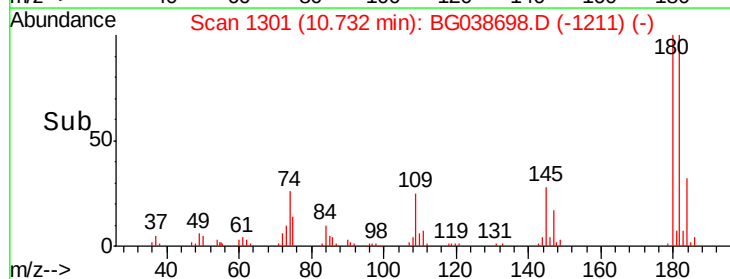
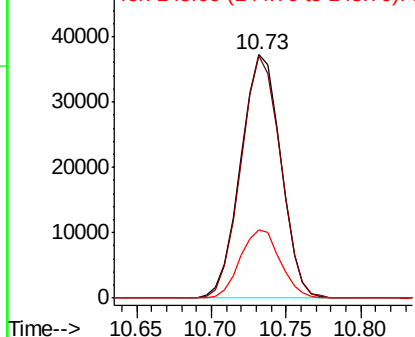


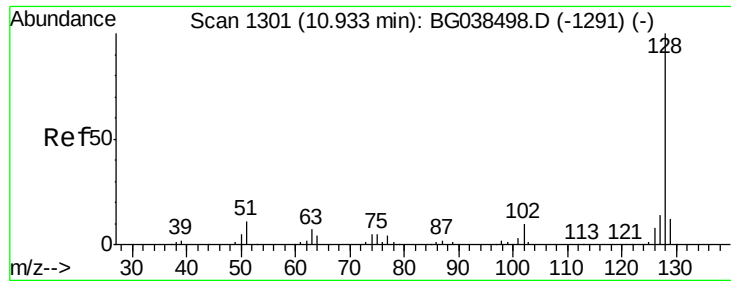
#30
1,2,4-Trichlorobenzene
Concen: 41.517 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	77.4	116.0
145	28.1	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

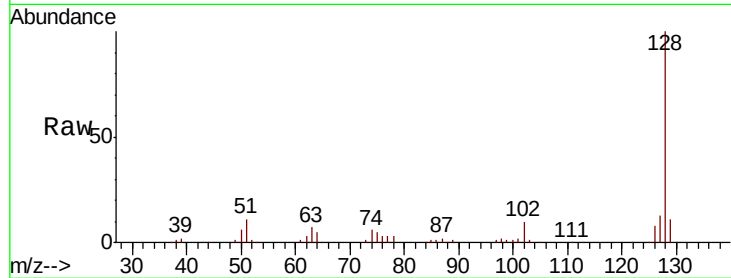




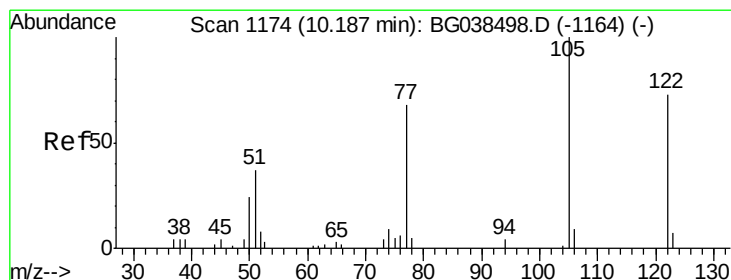
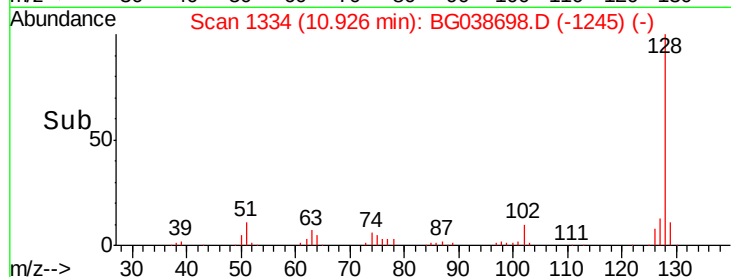
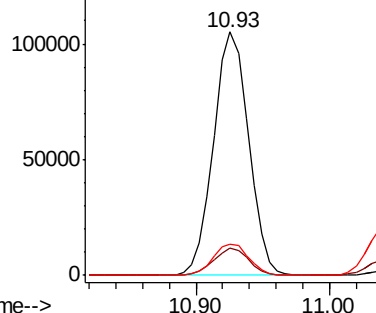
#31
Naphthalene
Concen: 45.270 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampled :
PB115750BS

Tgt Ion:128 Resp: 190874
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 12.6 10.9 16.3

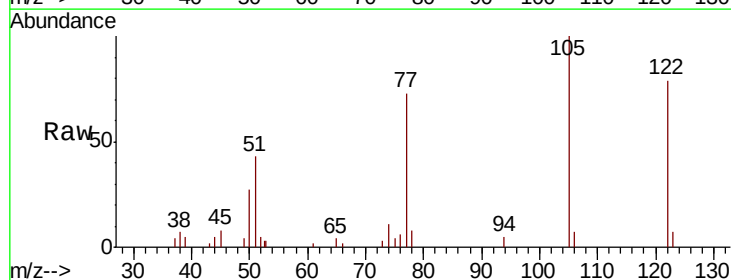


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

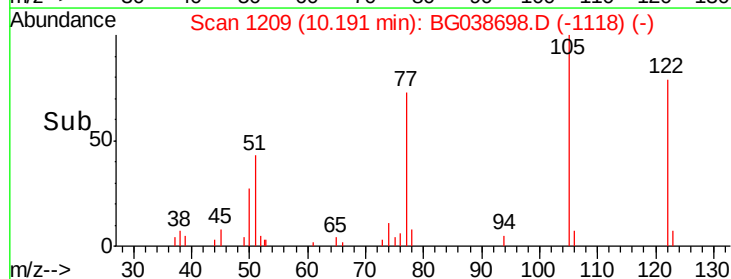
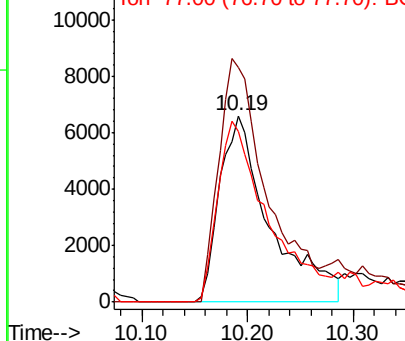


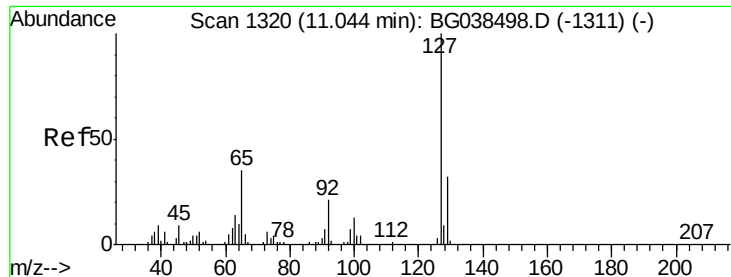
#32
Benzoic acid
Concen: 31.977 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:122 Resp: 21848
Ion Ratio Lower Upper
122 100
105 126.2 116.7 156.7
77 91.9 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

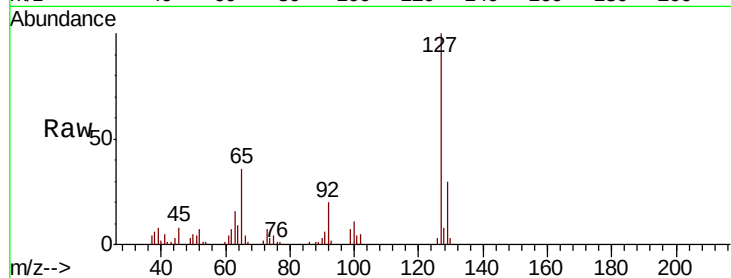




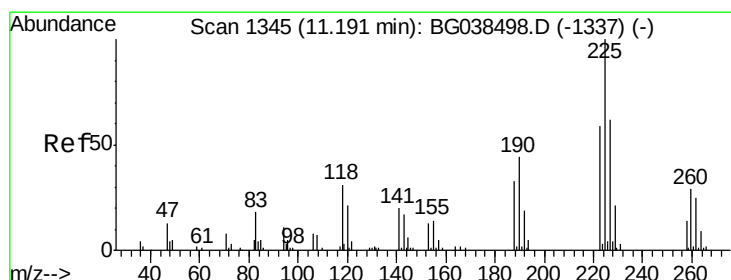
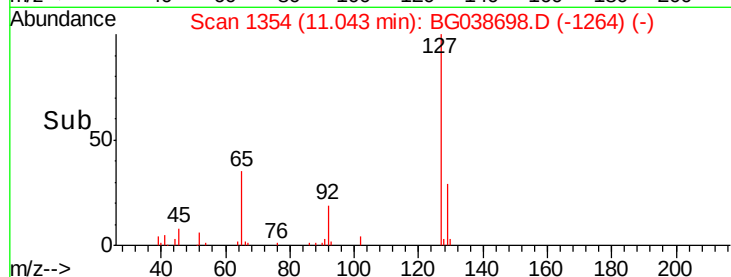
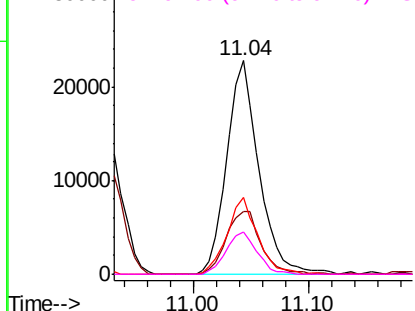
#33
4-Chloroaniline
Concen: 24.054 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tgt Ion:	127	Resp:	44032
Ion	Ratio	Lower	Upper
127	100		
129	29.6	25.8	38.8
65	35.7	27.8	41.6
92	19.6	17.0	25.6

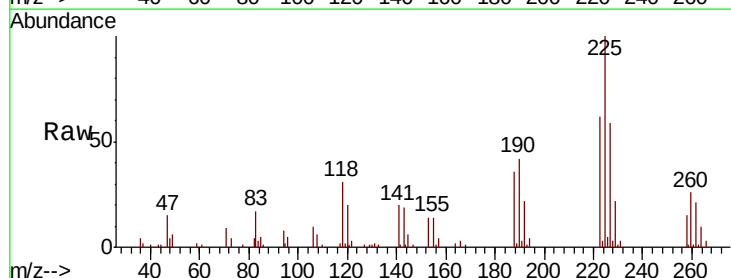


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

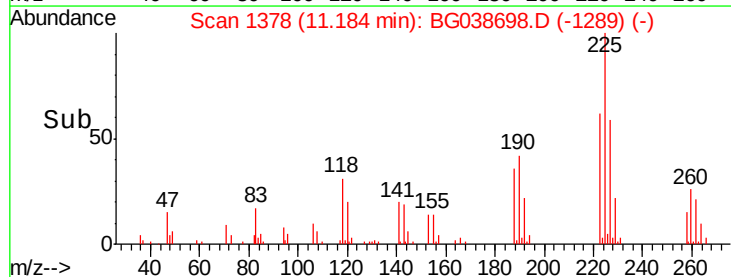
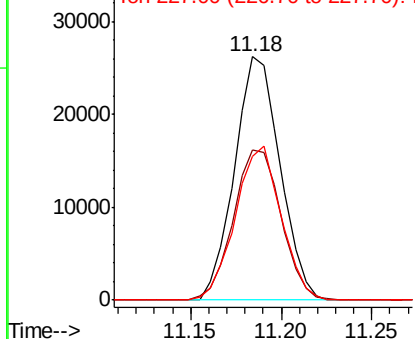


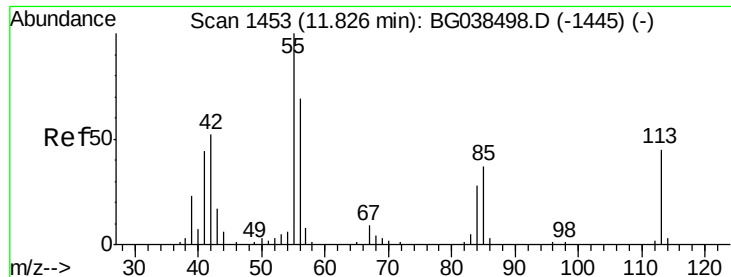
#34
Hexachlorobutadiene
Concen: 40.509 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:	225	Resp:	45783
Ion	Ratio	Lower	Upper
225	100		
223	61.6	45.0	67.6
227	59.3	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

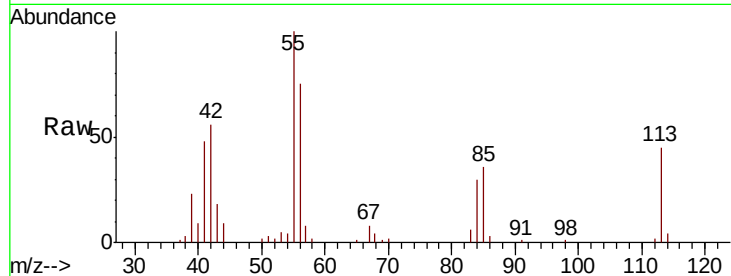




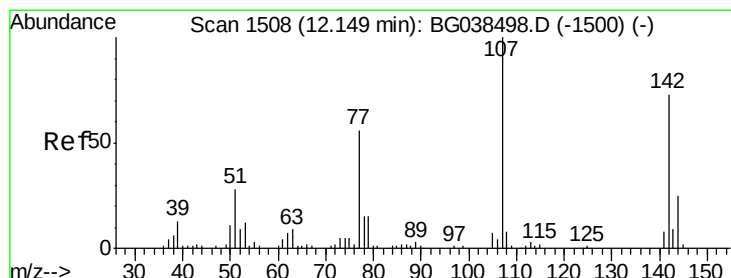
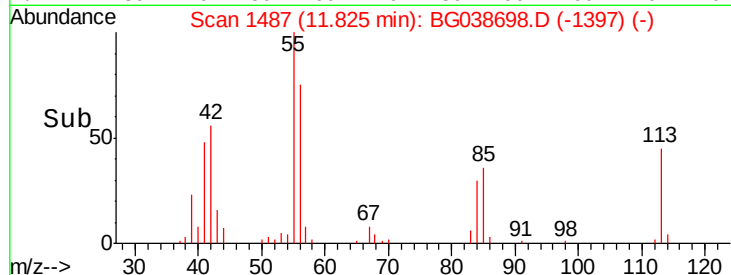
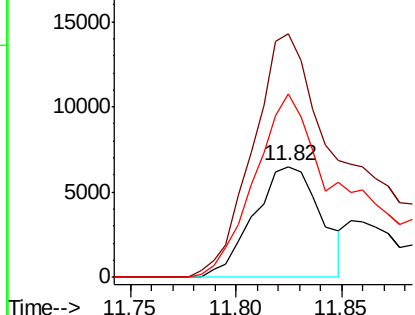
#35
 Caprolactam
 Concen: 24.931 ng
 RT: 11.82 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tgt Ion:113 Resp: 14267
 Ion Ratio Lower Upper
 113 100
 55 219.9 204.3 244.3
 56 166.0 135.0 175.0

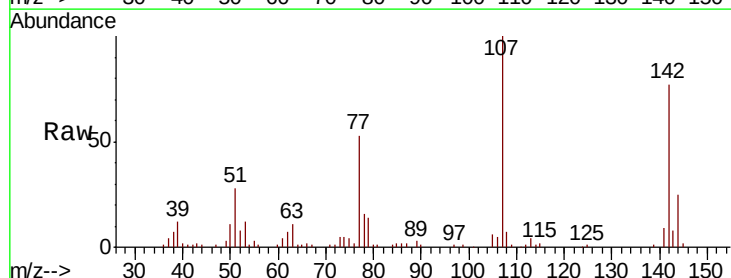


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

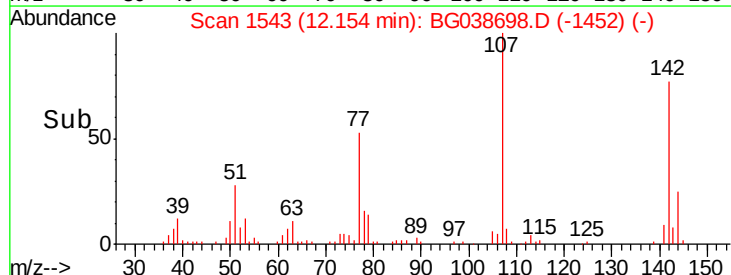
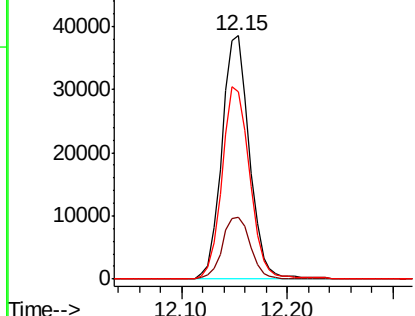


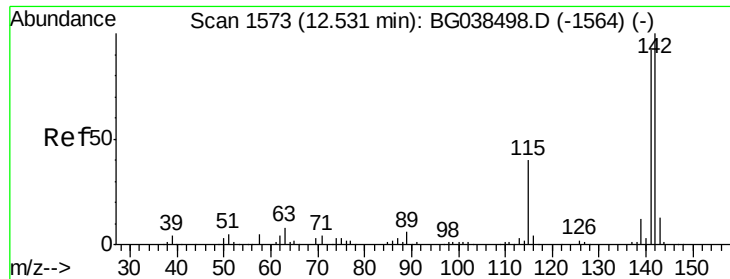
#36
 4-Chloro-3-methylphenol
 Concen: 44.066 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:107 Resp: 69536
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.1 30.1
 142 77.0 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

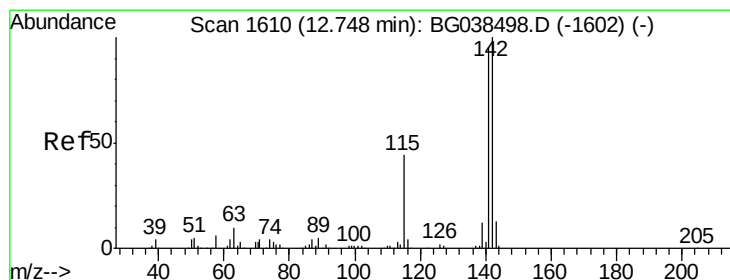
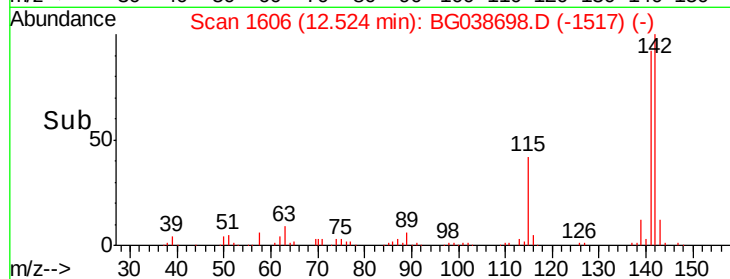
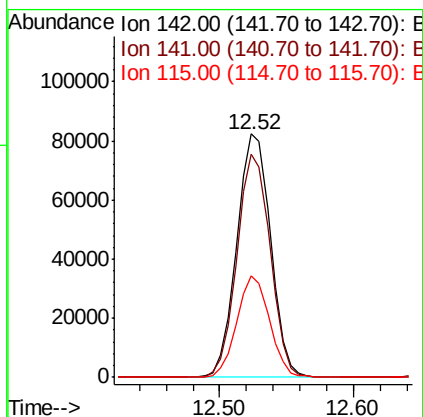
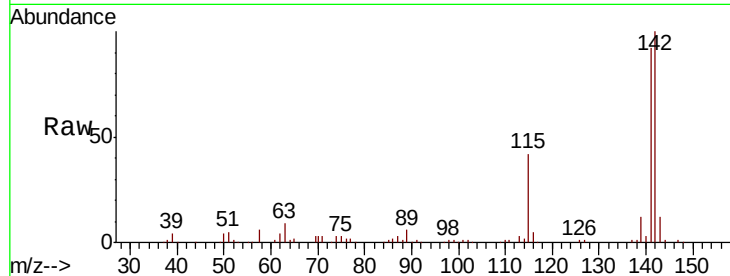




#37
 2-Methylnaphthalene
 Concen: 47.818 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

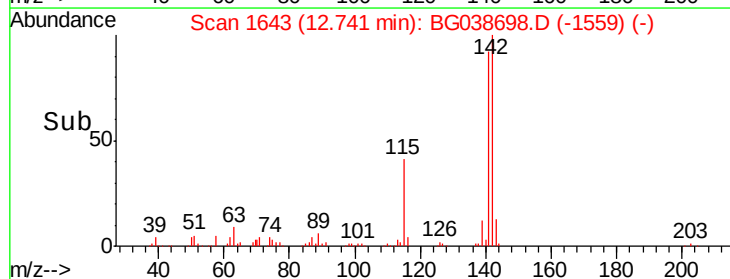
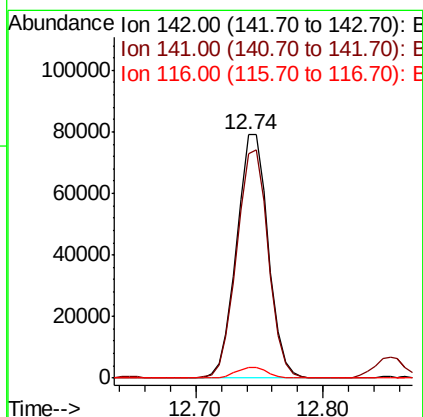
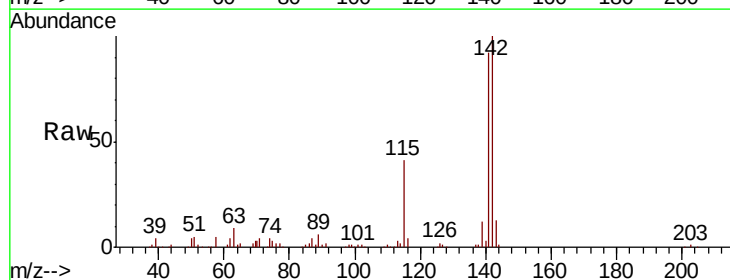
Instrument :
 BNA_G
 ClientSampleID :
 PB115750BS

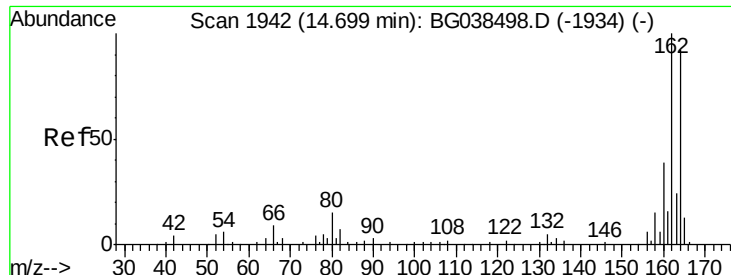
Tgt Ion:142 Resp: 143836
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.5 110.3
 115 41.8 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 46.738 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:142 Resp: 136422
 Ion Ratio Lower Upper
 142 100
 141 92.1 75.8 113.8
 116 4.5 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: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

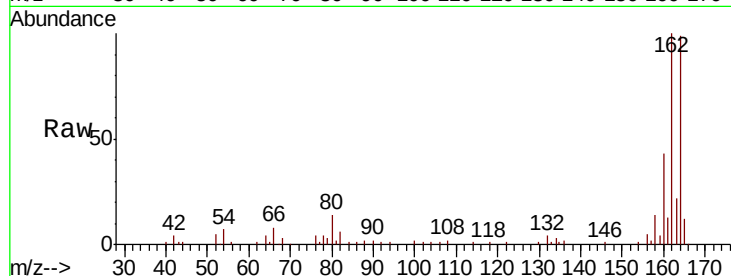
Tgt Ion:164 Resp: 57915

Ion Ratio Lower Upper

164 100

162 101.1 86.6 130.0

160 43.0 34.2 51.2

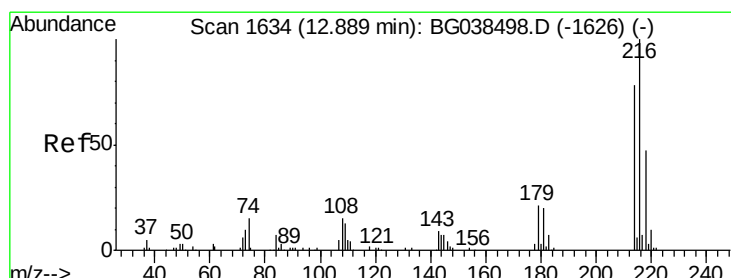
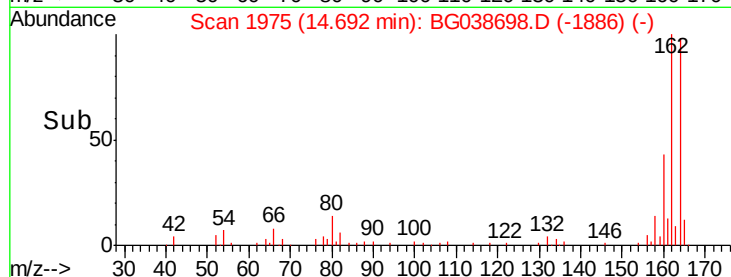
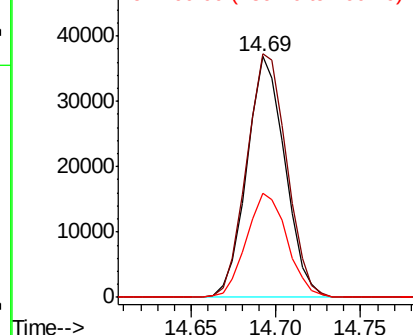


Abundance

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: 39.576 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Tgt Ion:216 Resp: 85675

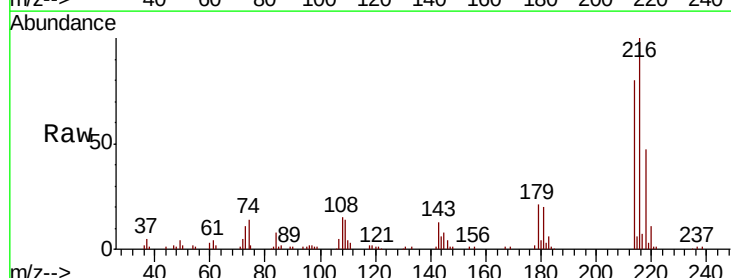
Ion Ratio Lower Upper

216 100

214 80.2 64.1 96.1

179 20.6 16.4 24.6

108 18.7 13.9 20.9



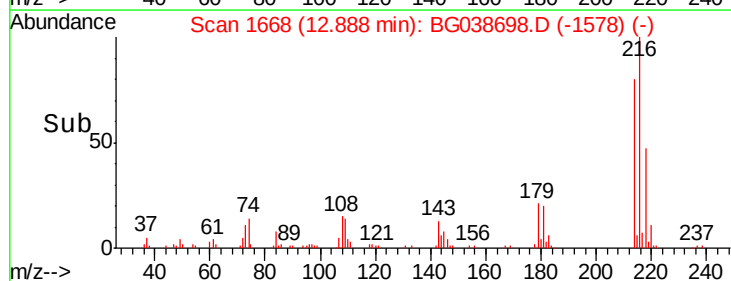
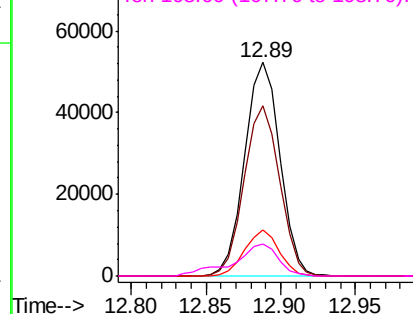
Abundance

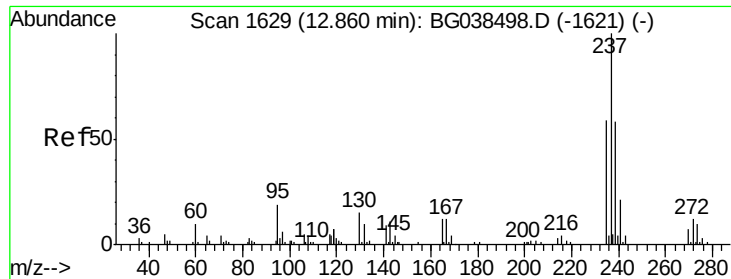
Ion 216.00 (215.70 to 216.70): E

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: 87.574 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

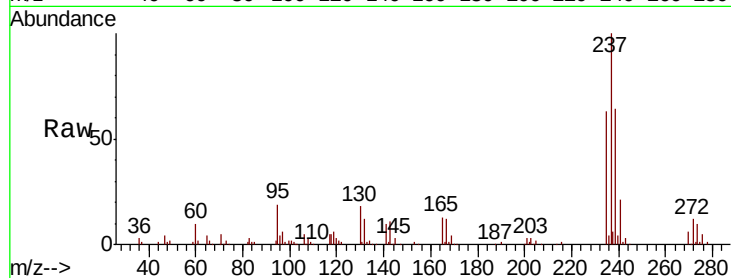
Tgt Ion:237 Resp: 104157

Ion Ratio Lower Upper

237 100

235 62.8 38.8 78.8

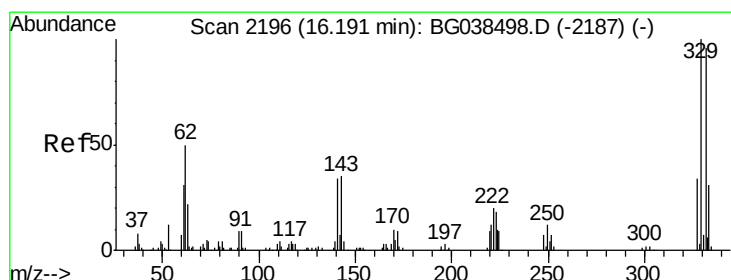
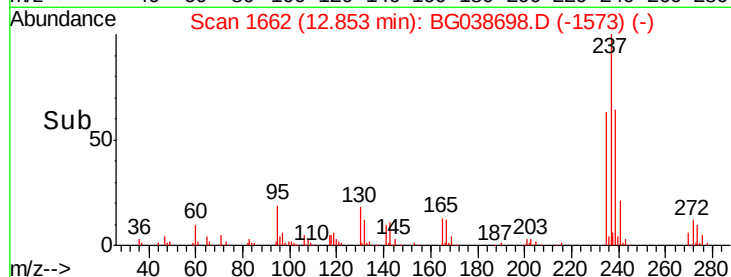
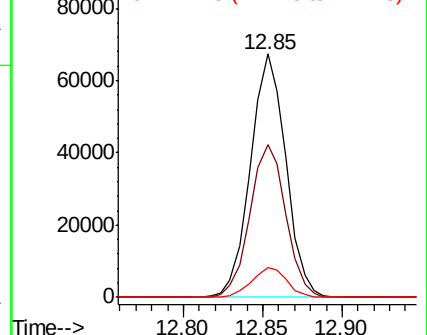
272 12.4 0.0 32.0



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: 144.407 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

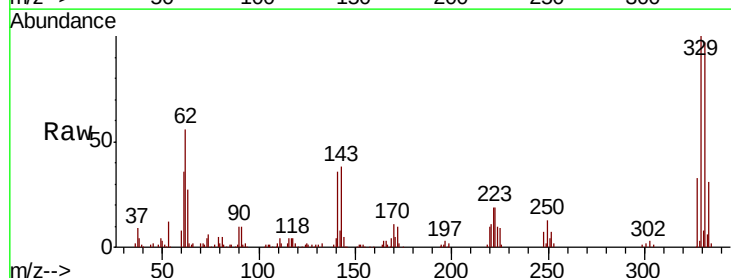
Tgt Ion:330 Resp: 115262

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

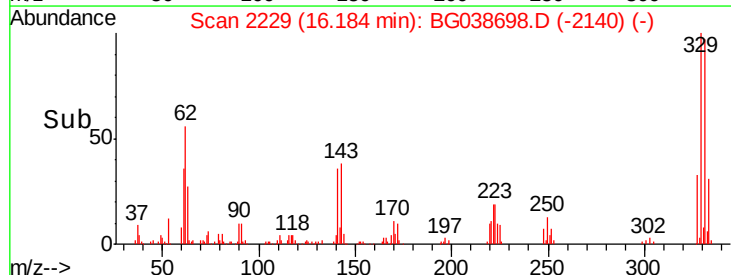
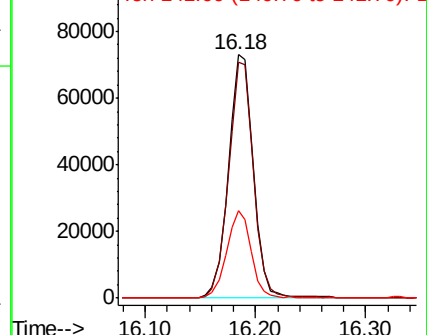
141 35.1 28.8 43.2

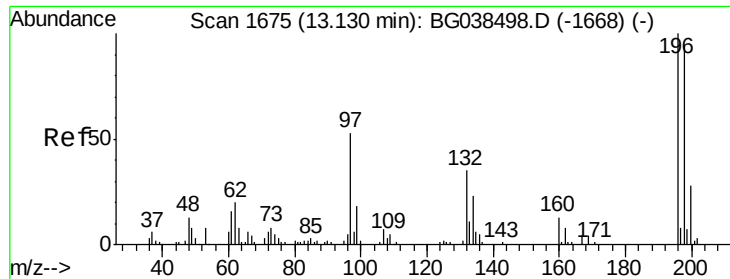


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

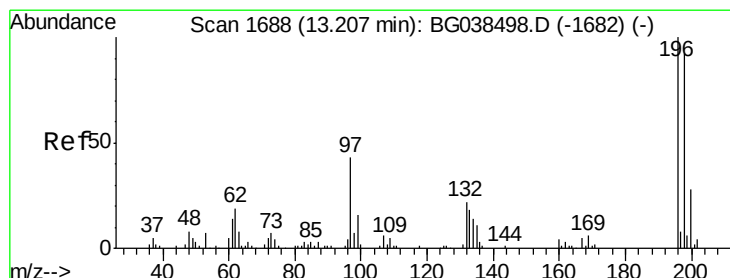
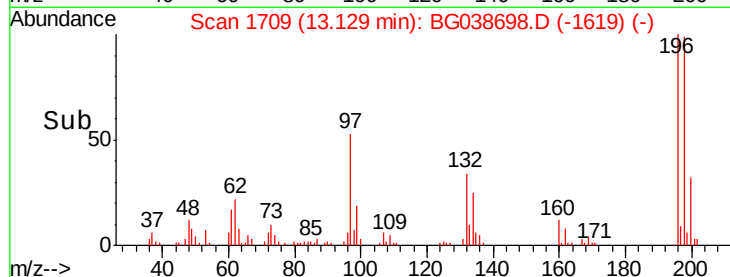
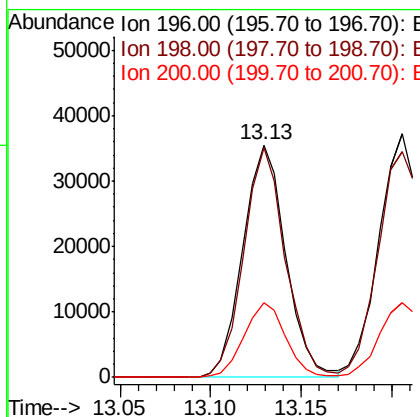
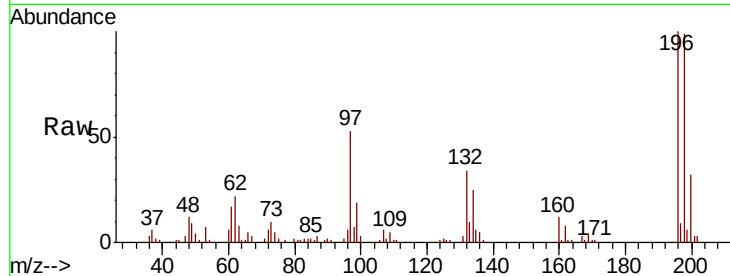




#43
 2,4,6-Trichlorophenol
 Concen: 43.818 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

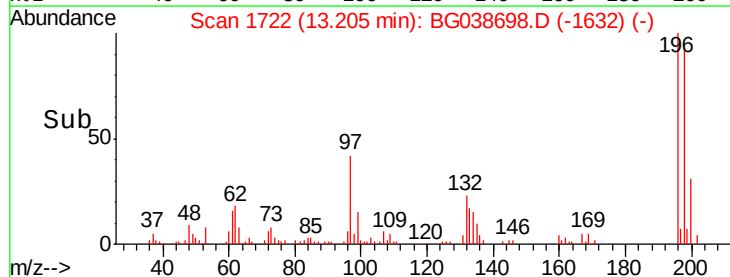
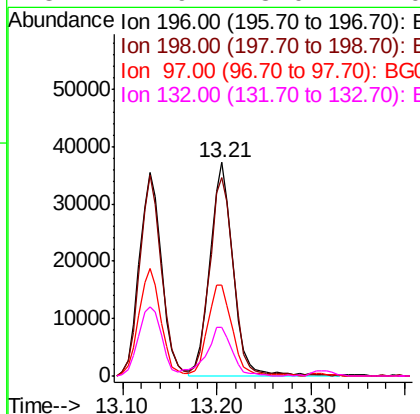
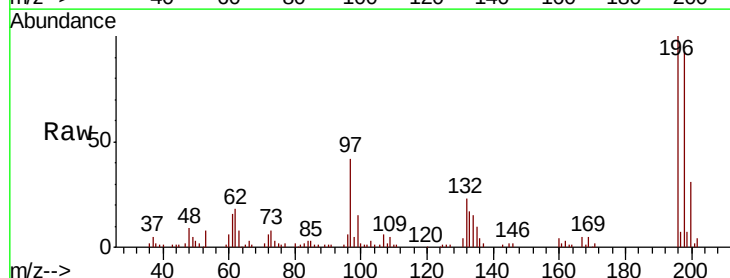
Instrument :
 BNA_G
 ClientSampleID :
 PB115750BS

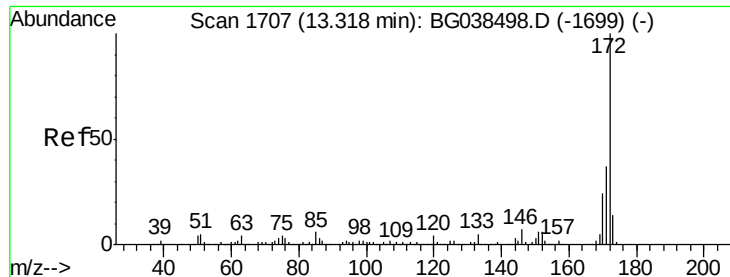
Tgt Ion:196 Resp: 58325
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.0 112.4
 200 32.2 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.867 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:196 Resp: 64641
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.0 111.0
 97 42.4 35.1 52.7
 132 22.9 18.0 27.0

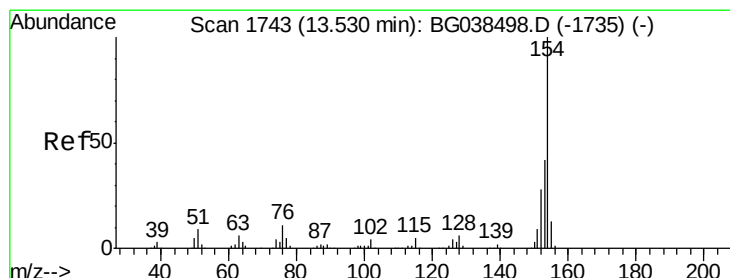
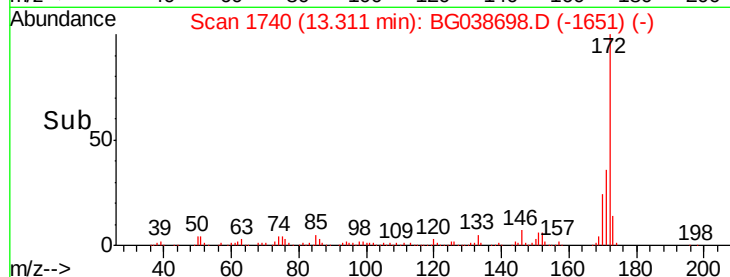
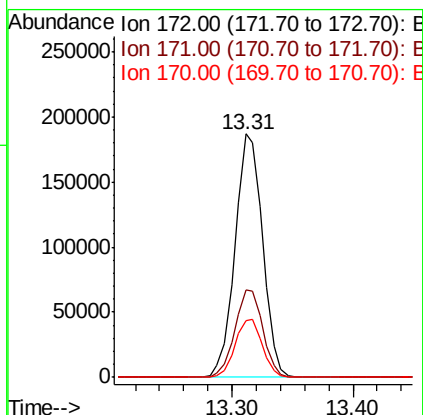
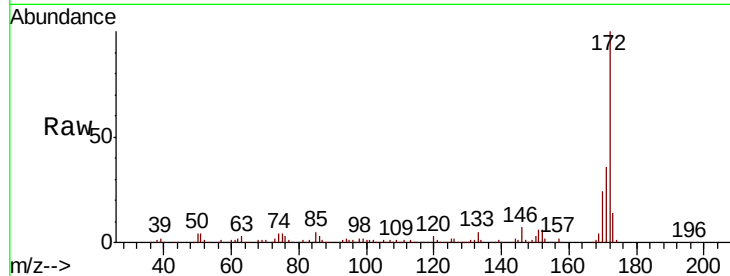




#45
2-Fluorobiphenyl
Concen: 70.250 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

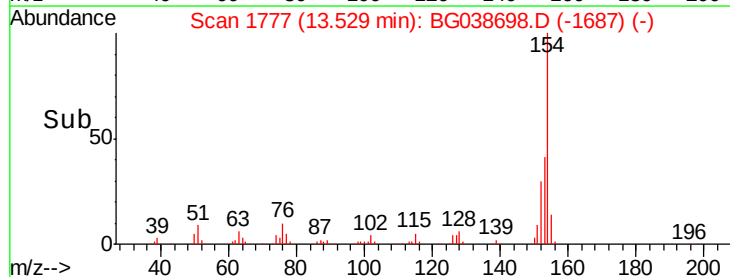
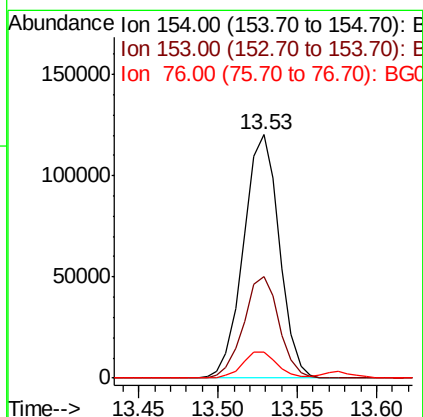
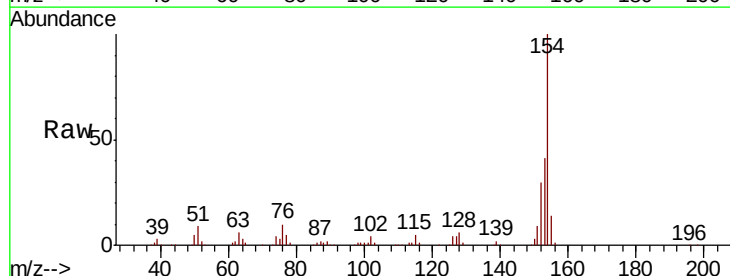
Instrument :
BNA_G
ClientSampleId :
PB115750BS

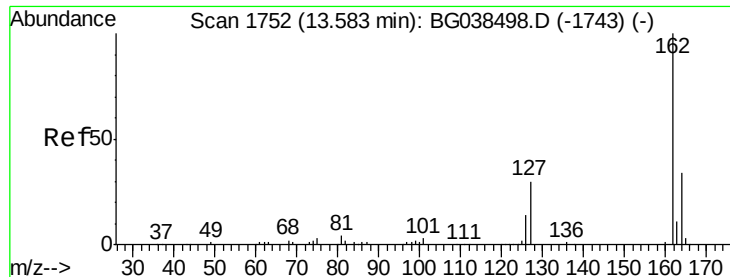
Tgt Ion:172 Resp: 296574
Ion Ratio Lower Upper
172 100
171 35.8 29.8 44.6
170 23.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 38.752 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:154 Resp: 188148
Ion Ratio Lower Upper
154 100
153 41.4 22.1 62.1
76 10.5 0.0 31.2

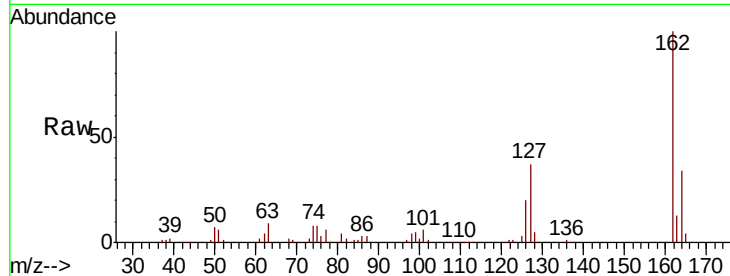




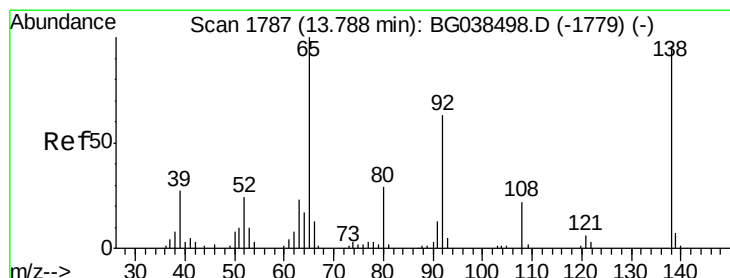
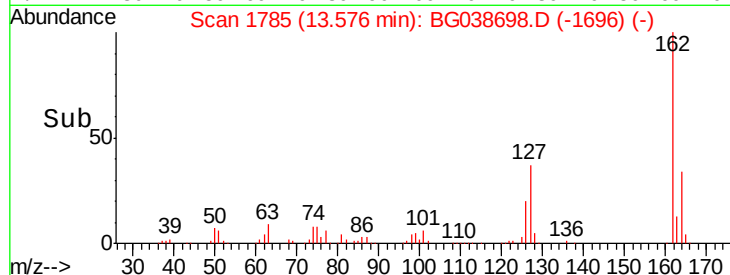
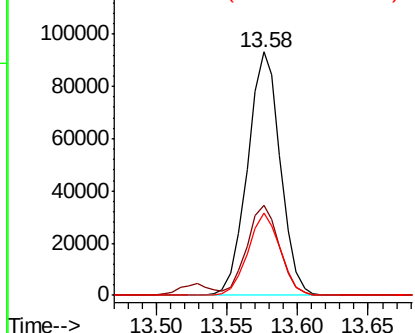
#47
 2-Chloronaphthalene
 Concen: 40.416 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tgt Ion: 162 Resp: 151572
 Ion Ratio Lower Upper
 162 100
 127 36.8 27.8 41.8
 164 33.8 26.9 40.3

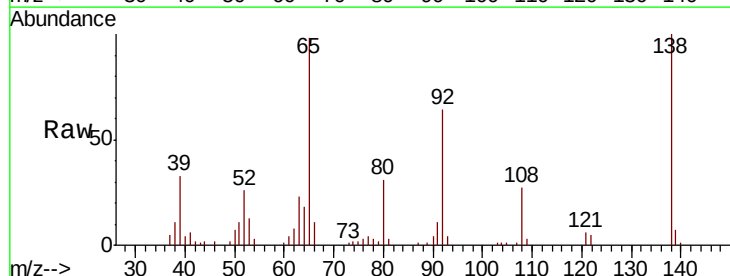


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

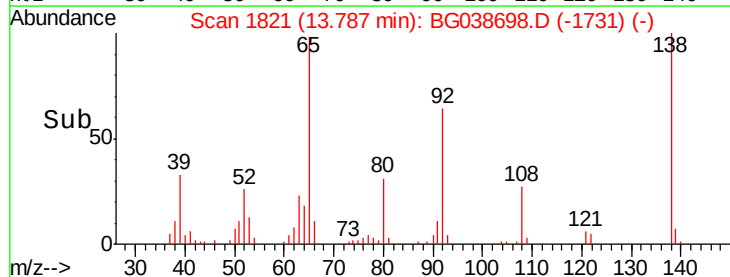
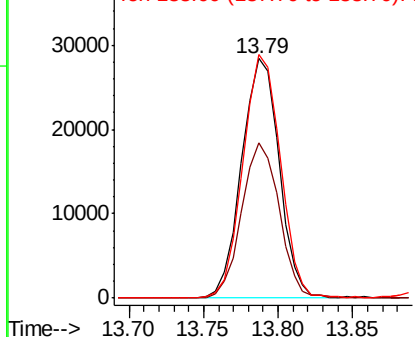


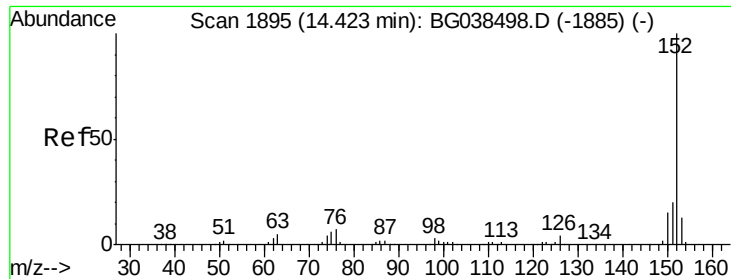
#48
 2-Nitroaniline
 Concen: 41.431 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion: 65 Resp: 49492
 Ion Ratio Lower Upper
 65 100
 92 64.9 50.0 75.0
 138 101.7 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: 44.039 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

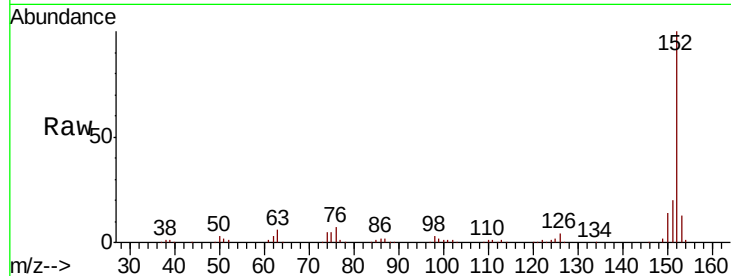
Tgt Ion:152 Resp: 246912

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.2 10.4 15.6

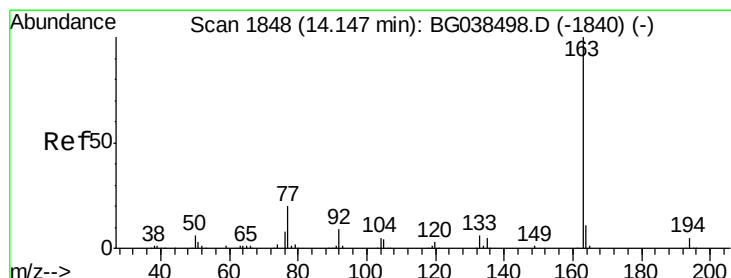
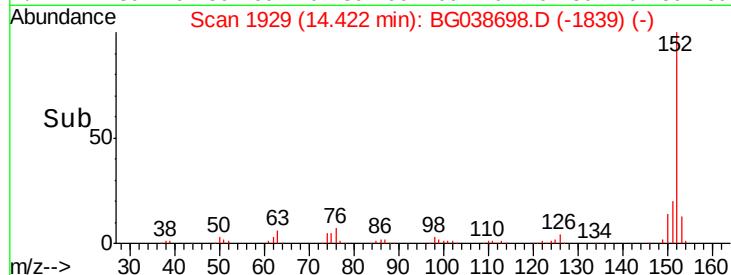
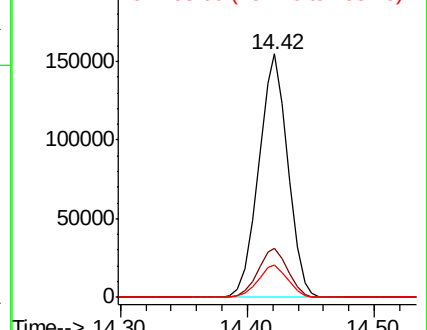


Abundance

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: 41.540 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

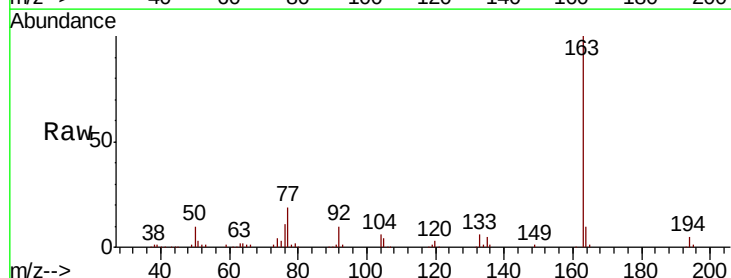
Tgt Ion:163 Resp: 196464

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

164 10.1 8.6 12.8

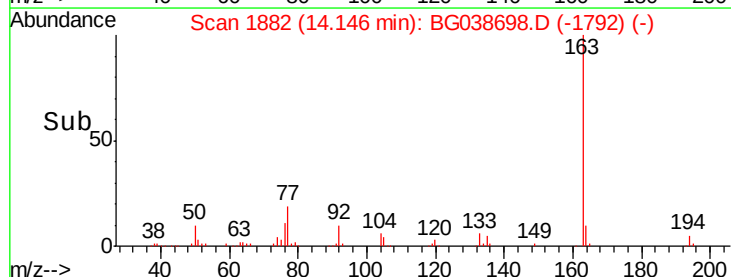
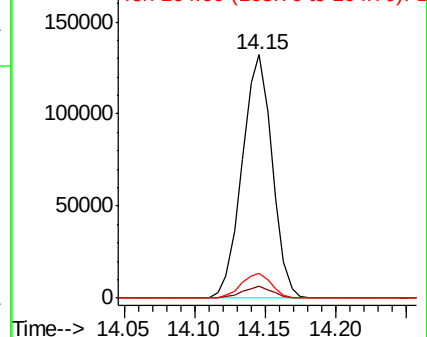


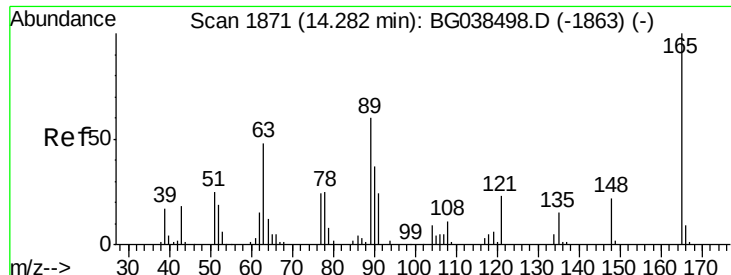
Abundance

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

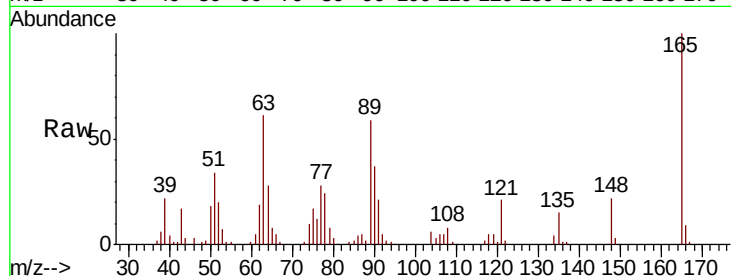




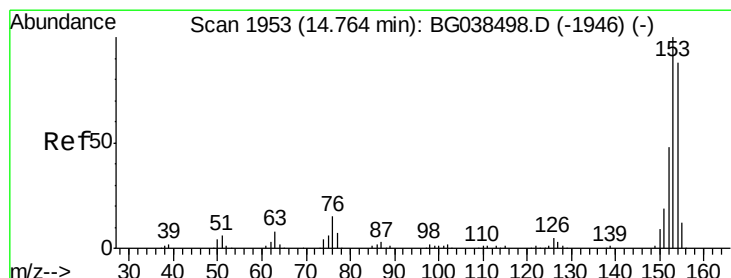
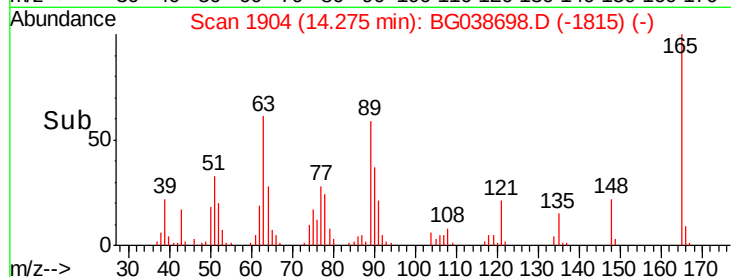
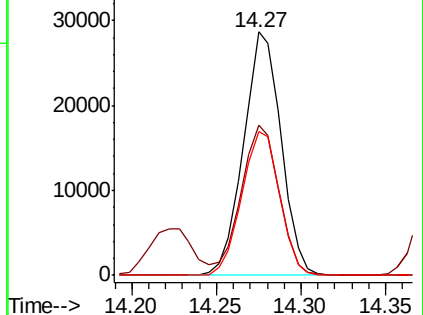
#51
 2,6-Dinitrotoluene
 Concen: 41.439 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tgt Ion:165 Resp: 44414
 Ion Ratio Lower Upper
 165 100
 63 61.4 51.8 77.6
 89 59.1 47.9 71.9

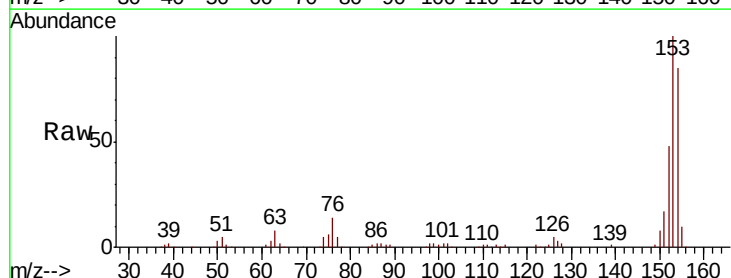


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

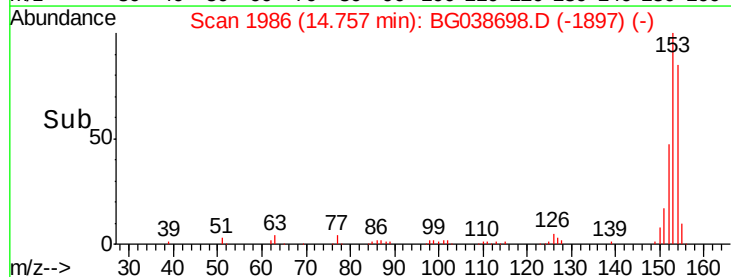
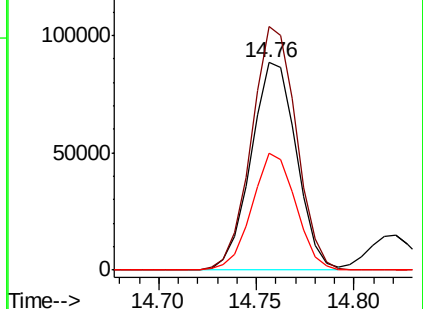


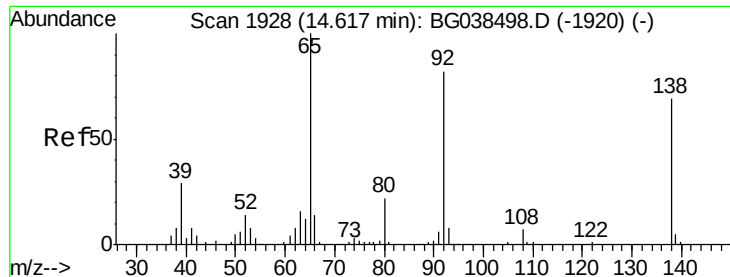
#52
 Acenaphthene
 Concen: 42.526 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:154 Resp: 142570
 Ion Ratio Lower Upper
 154 100
 153 117.2 90.6 136.0
 152 56.1 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

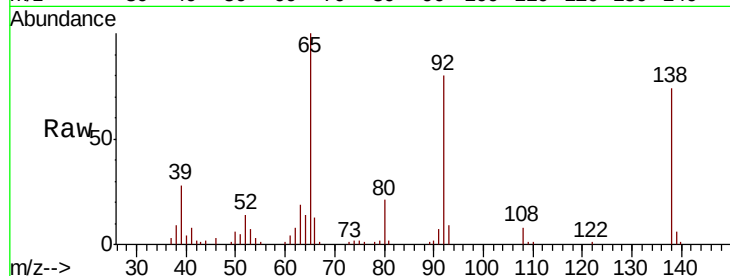




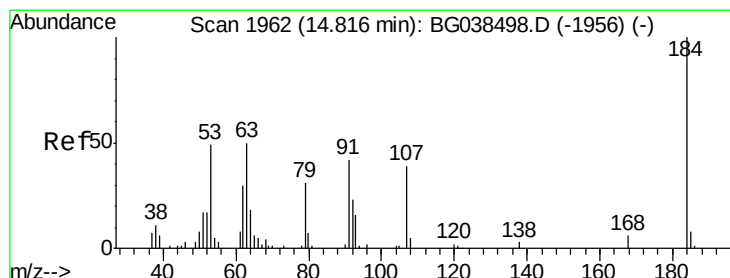
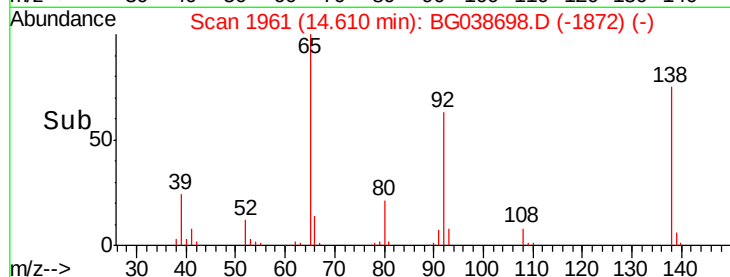
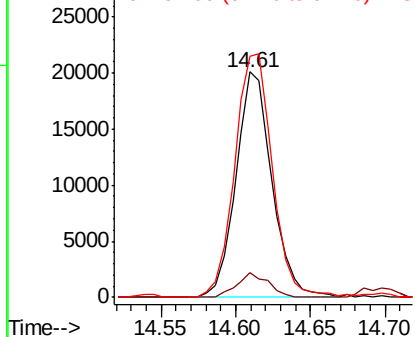
#53
 3-Nitroaniline
 Concen: 30.698 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

Tgt Ion:138 Resp: 33540
 Ion Ratio Lower Upper
 138 100
 108 11.1 7.9 11.9
 92 107.0 95.3 142.9

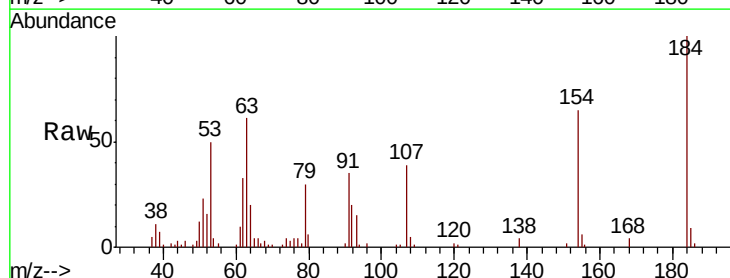


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

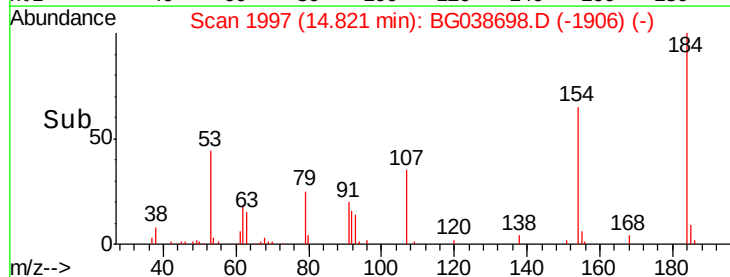
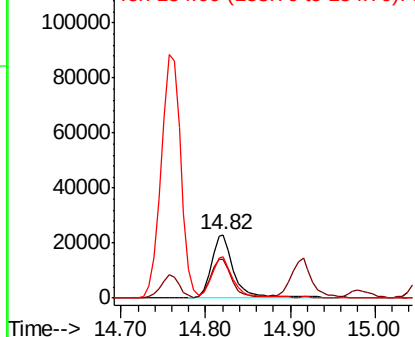


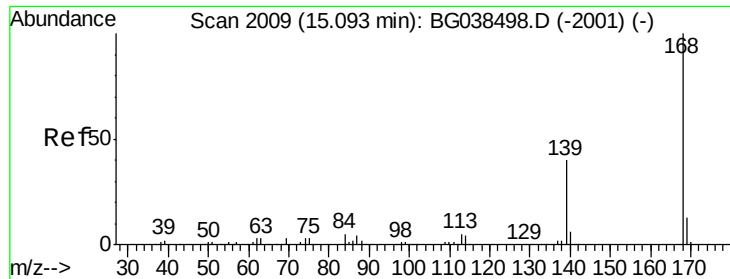
#54
 2,4-Dinitrophenol
 Concen: 68.969 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:184 Resp: 43496
 Ion Ratio Lower Upper
 184 100
 63 60.6 47.0 70.6
 154 64.8 50.3 75.5



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

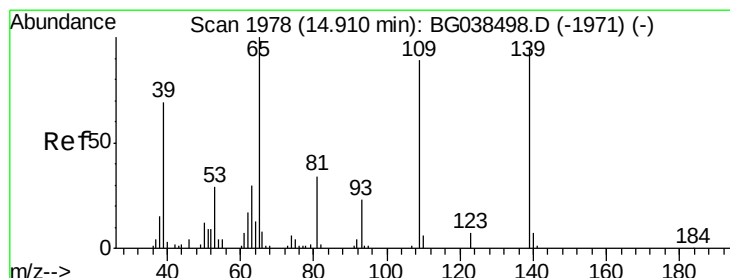
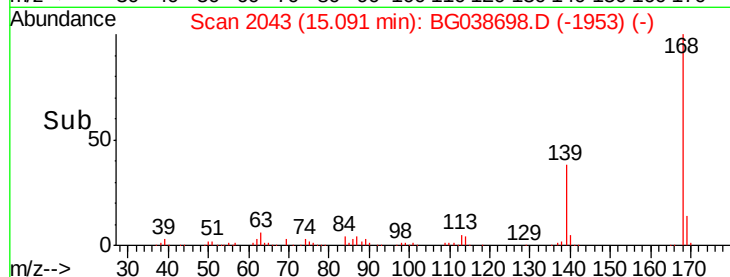
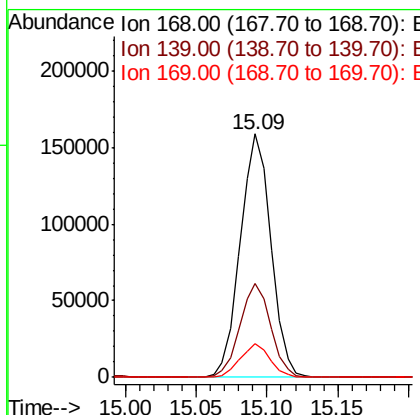
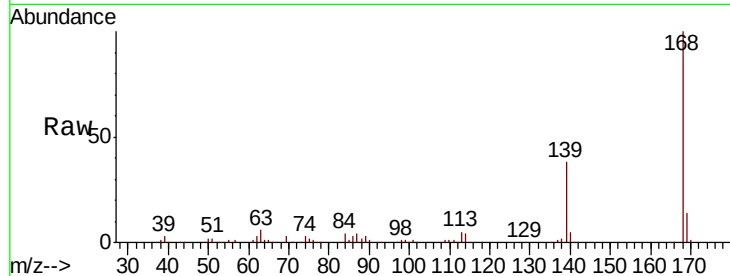




#55
Dibenzenofuran
Concen: 41.993 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

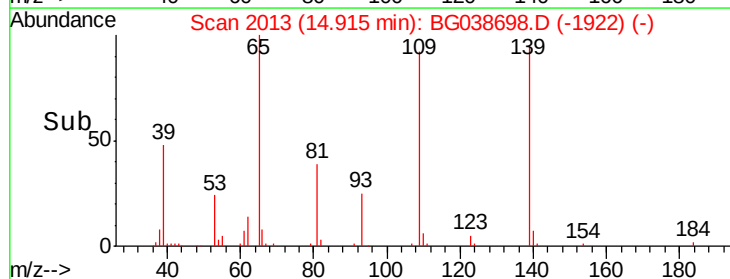
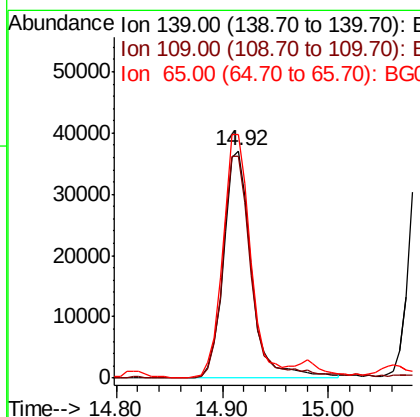
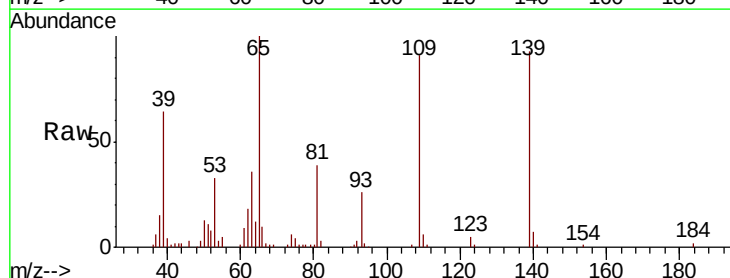
Instrument :
BNA_G
ClientSampleId :
PB115750BS

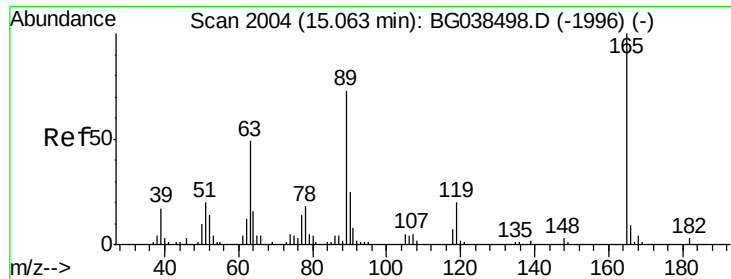
Tgt Ion:168 Resp: 241323
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.2
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 81.478 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:139 Resp: 67533
Ion Ratio Lower Upper
139 100
109 97.3 73.6 113.6
65 107.1 84.8 124.8

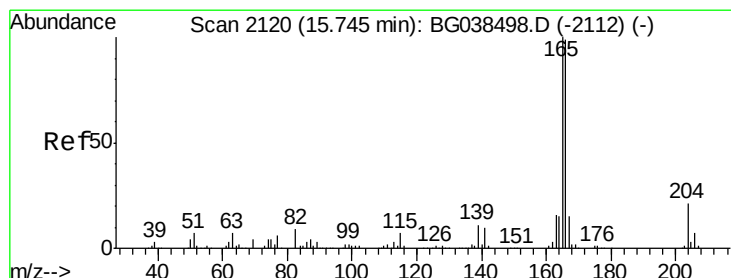
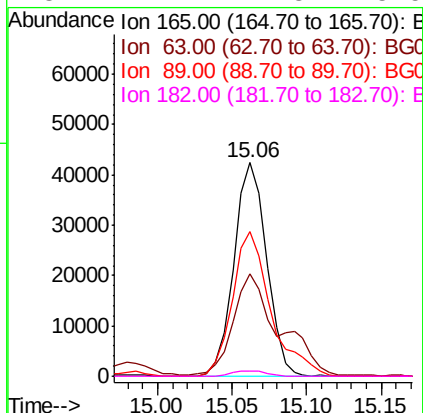
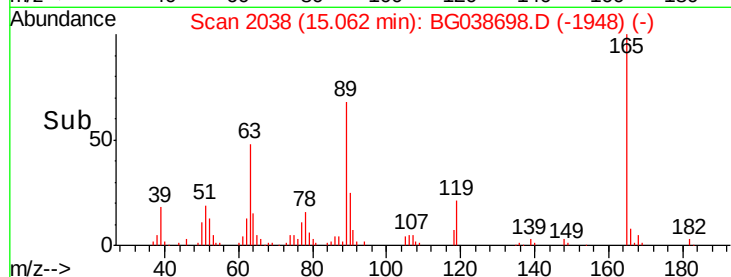
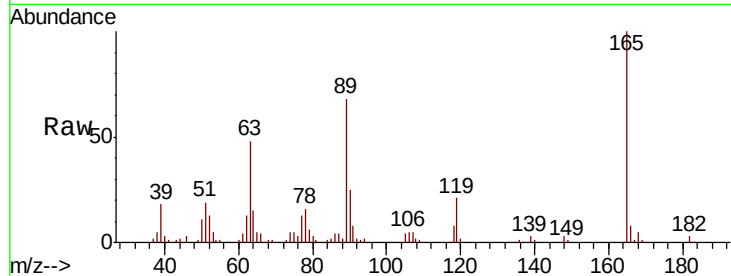




#57
2,4-Dinitrotoluene
Concen: 42.811 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

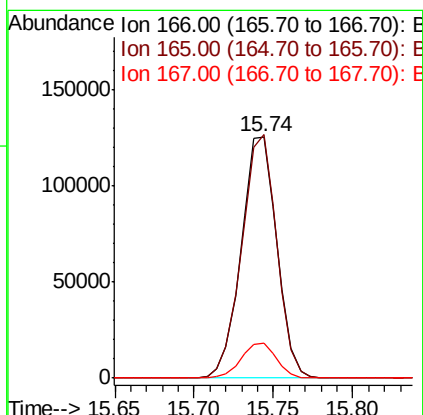
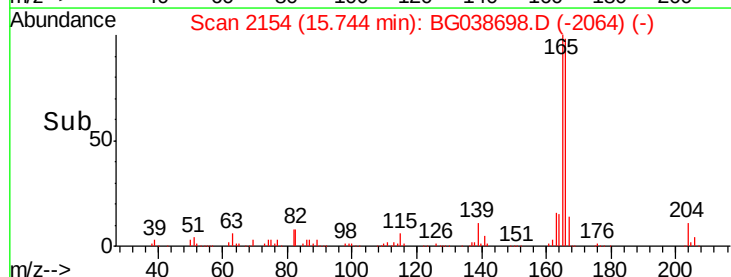
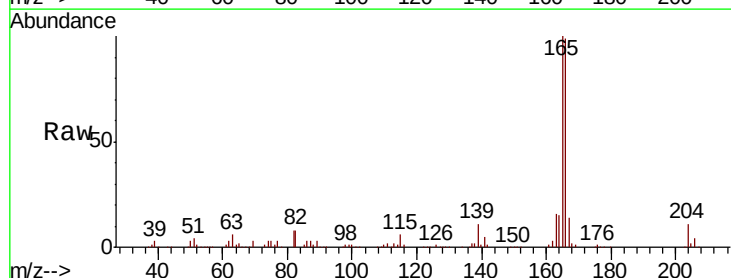
Instrument :
BNA_G
ClientSampleId :
PB115750BS

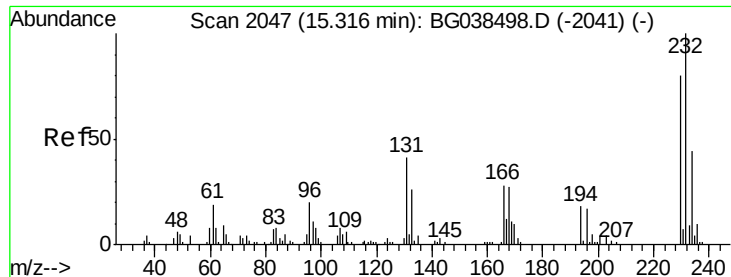
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	39.0	58.4
89	67.8	58.0	87.0
182	2.7	2.3	3.5



#58
Fluorene
Concen: 46.021 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.6	120.8
167	14.6	12.0	18.0

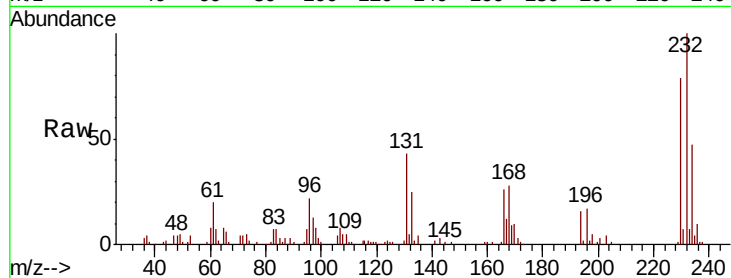




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.306 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampled :
 PB115750BS

Tgt Ion:	232	Resp:	57446
Ion	Ratio	Lower	Upper
232	100		
131	41.9	33.0	49.4
130	2.6	2.0	3.0
166	28.8	23.1	34.7



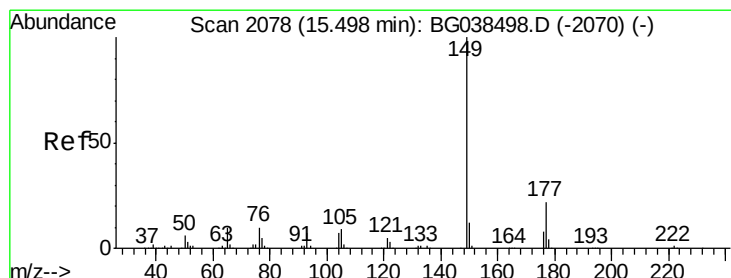
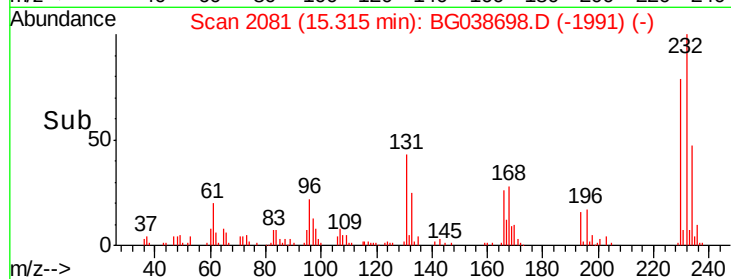
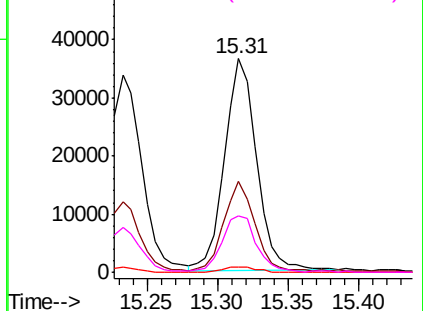
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

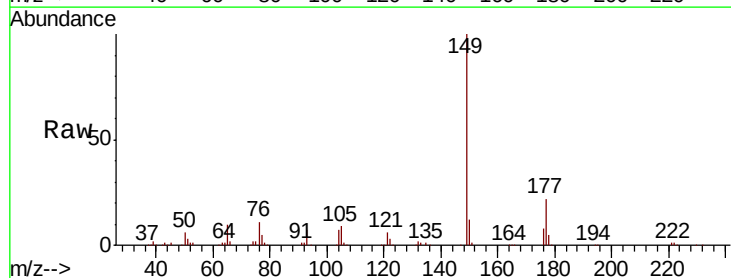
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.856 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:	149	Resp:	206931
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	12.2	9.9	14.9

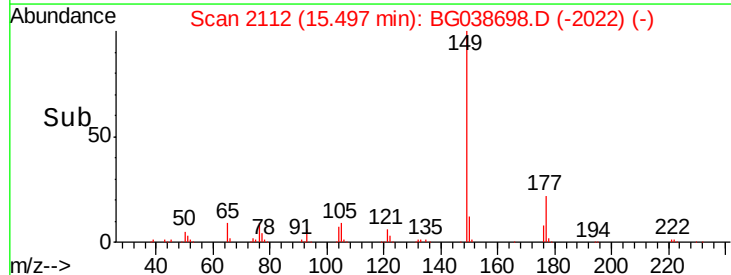
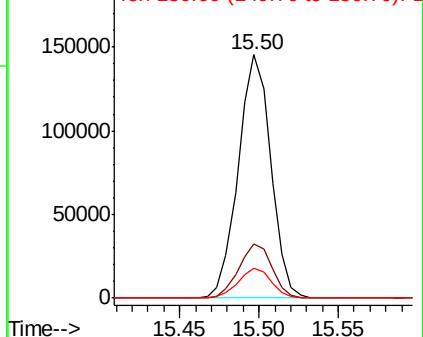


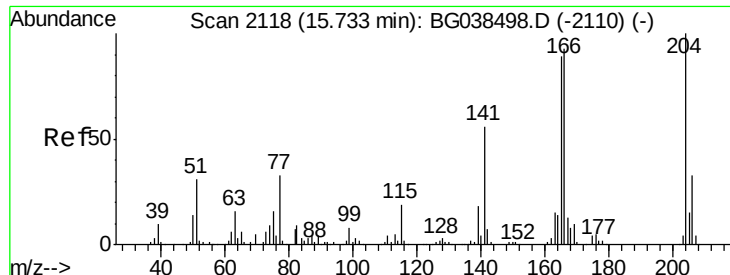
Abundance

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

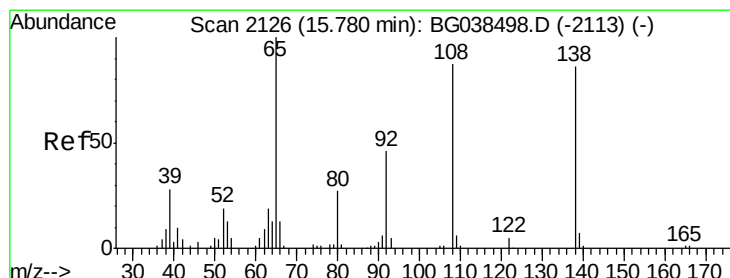
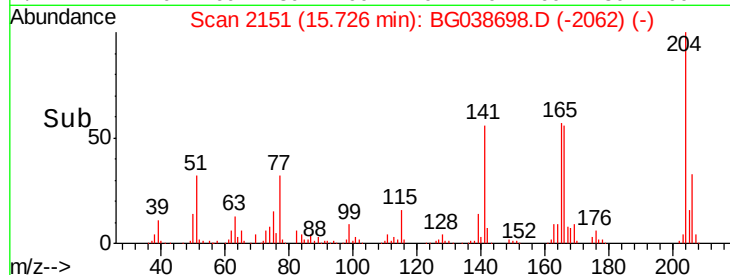
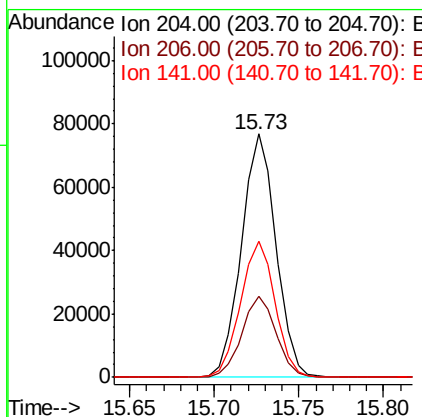
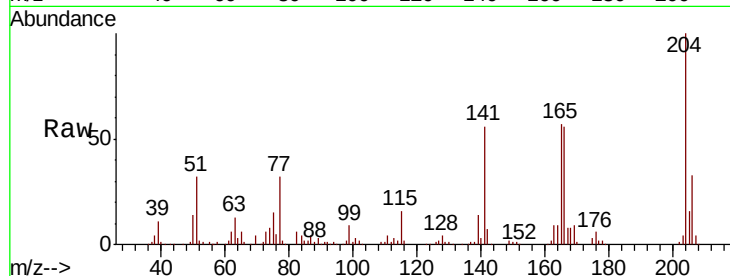




#61
 4-Chlorophenyl-phenylether
 Concen: 41.161 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

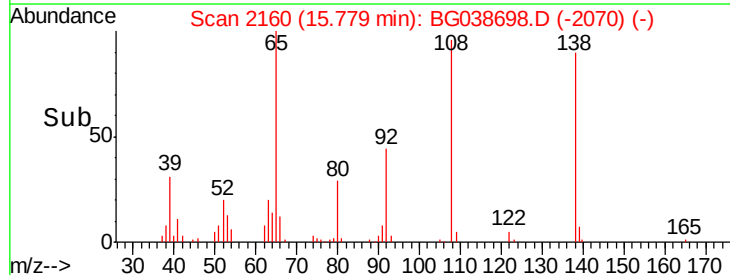
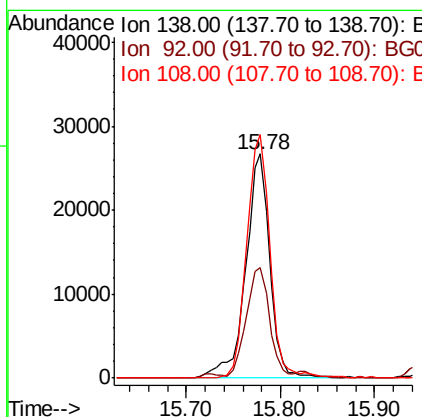
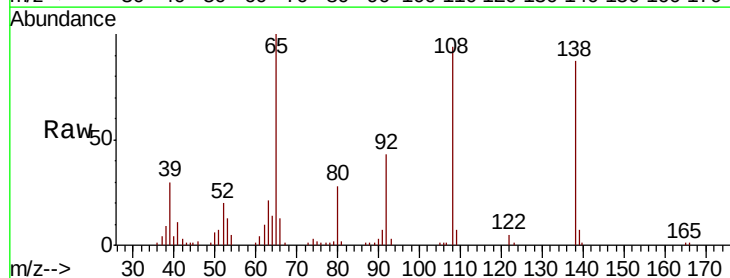
Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

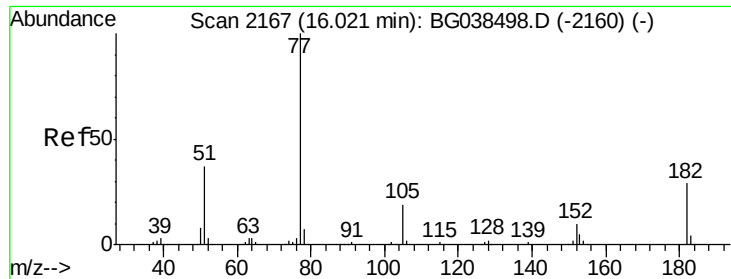
Tgt Ion: 204 Resp: 109344
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.0 39.0
 141 55.6 44.4 66.6



#62
 4-Nitroaniline
 Concen: 42.312 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion: 138 Resp: 47593
 Ion Ratio Lower Upper
 138 100
 92 49.4 33.3 73.3
 108 108.6 81.4 121.4





#63

Azobenzene

Concen: 40.887 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

Tgt Ion: 77 Resp: 177340

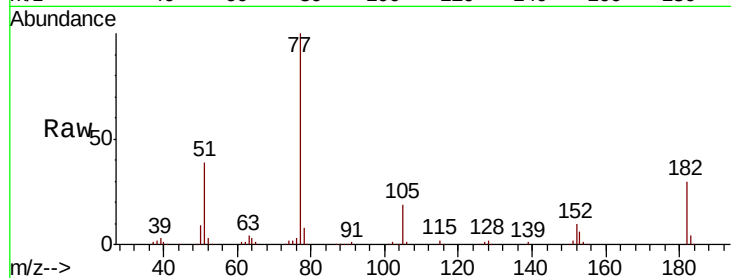
Ion Ratio Lower Upper

77 100

182 29.6 8.7 48.7

105 19.4 0.0 38.7

51 38.8 16.6 56.6

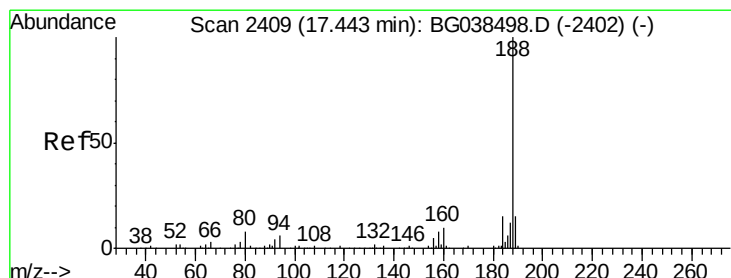
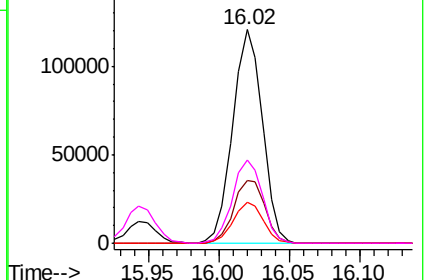
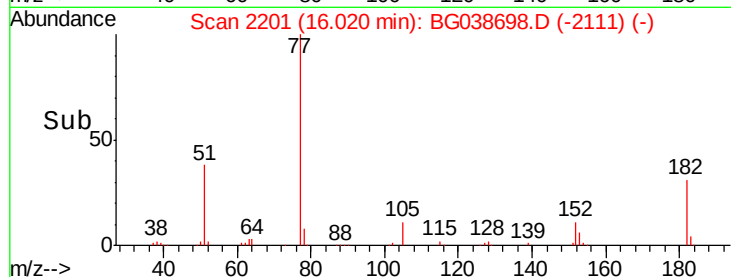


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

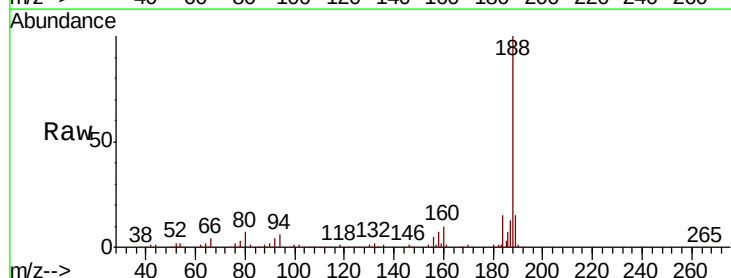
Tgt Ion: 188 Resp: 150495

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

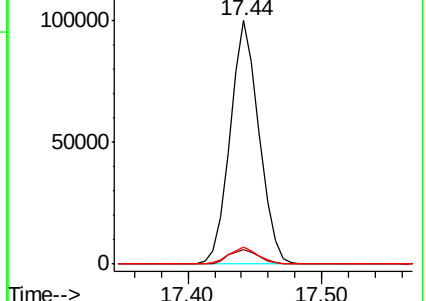
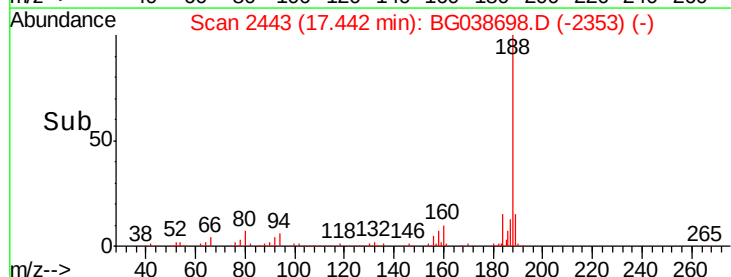
80 7.2 6.1 9.1

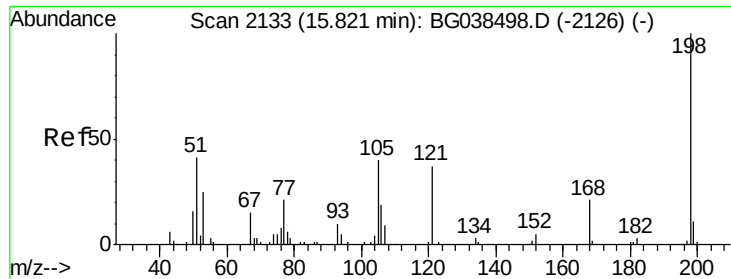


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.324 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

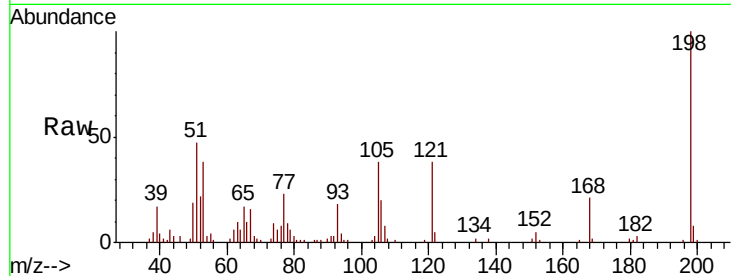
Tgt Ion:198 Resp: 40069

Ion Ratio Lower Upper

198 100

51 46.9 28.6 68.6

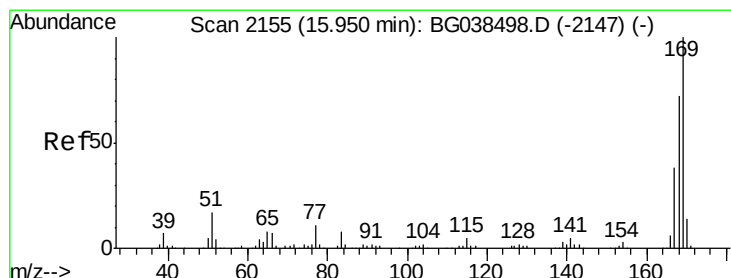
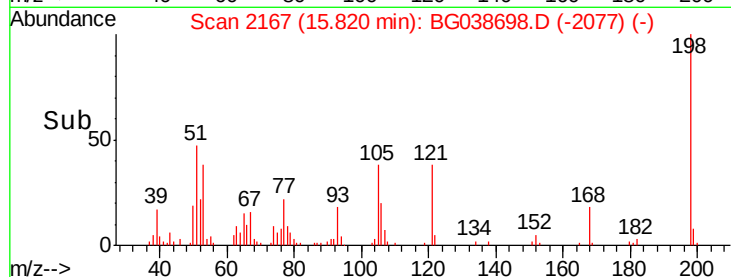
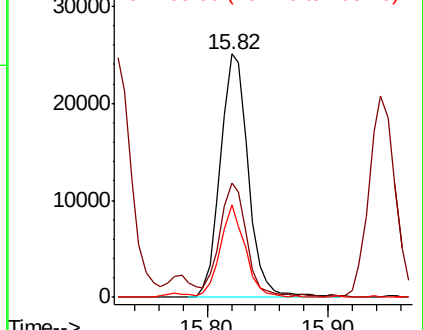
105 37.8 20.4 60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038698.D (-2077) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.767 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

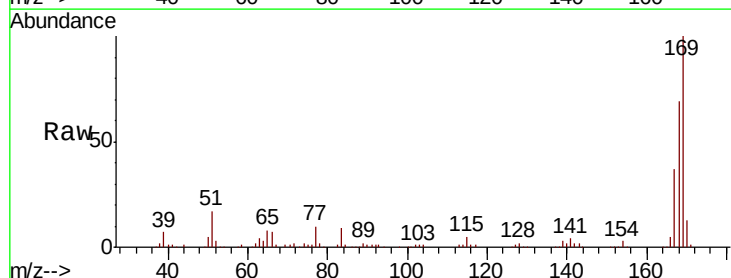
Tgt Ion:169 Resp: 180265

Ion Ratio Lower Upper

169 100

168 68.7 57.5 86.3

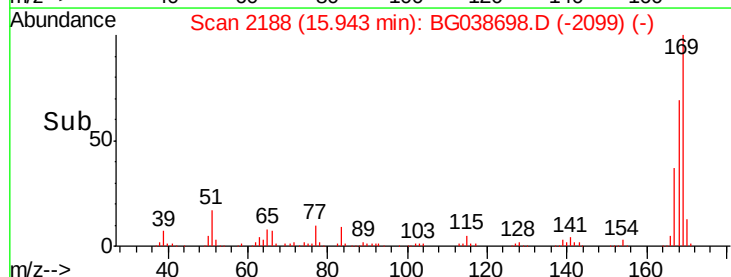
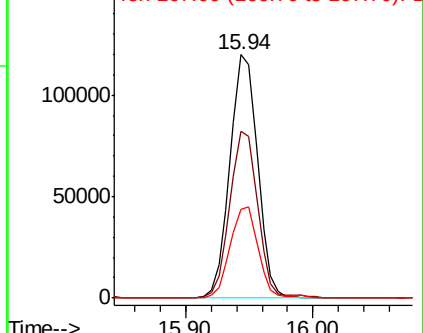
167 36.6 30.2 45.2

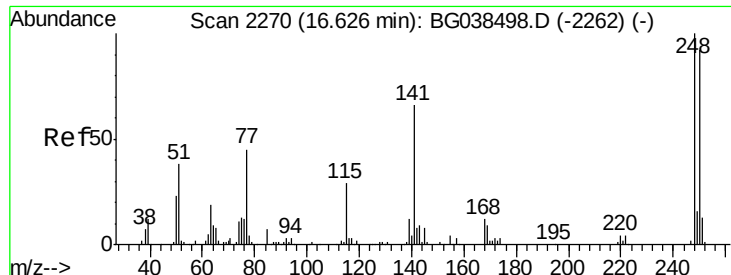


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

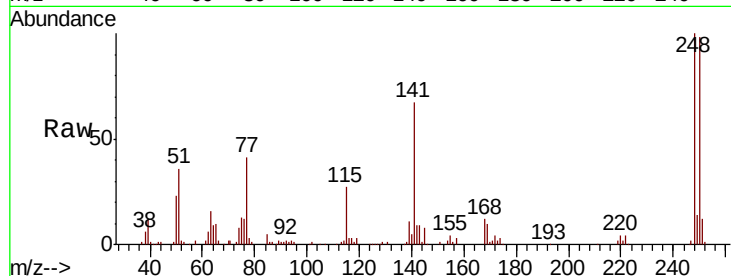




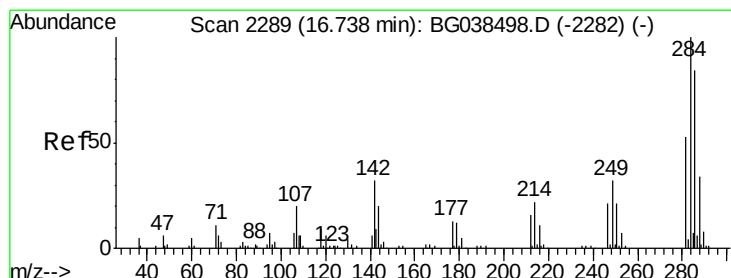
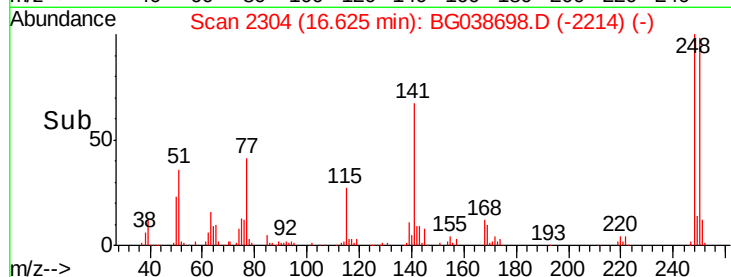
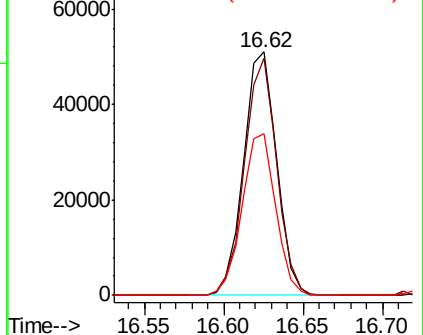
#67
4-Bromophenyl-phenylether
Concen: 40.154 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tgt Ion:248 Resp: 73802
Ion Ratio Lower Upper
248 100
250 97.5 73.4 110.2
141 66.6 52.9 79.3

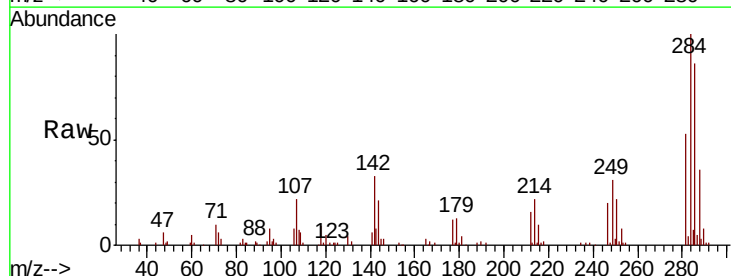


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

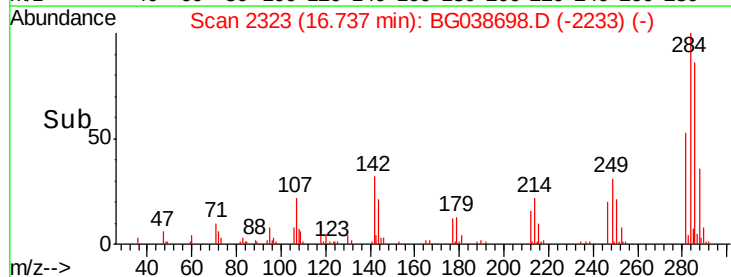
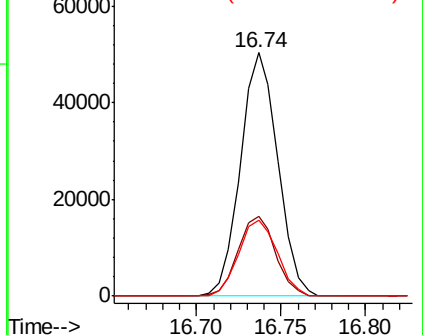


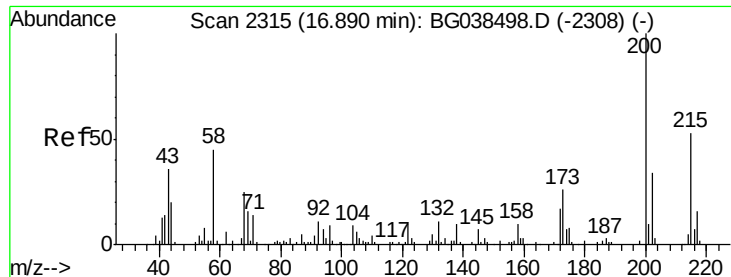
#68
Hexachlorobenzene
Concen: 40.438 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:284 Resp: 77046
Ion Ratio Lower Upper
284 100
142 33.0 25.8 38.6
249 33.8 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: 45.061 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

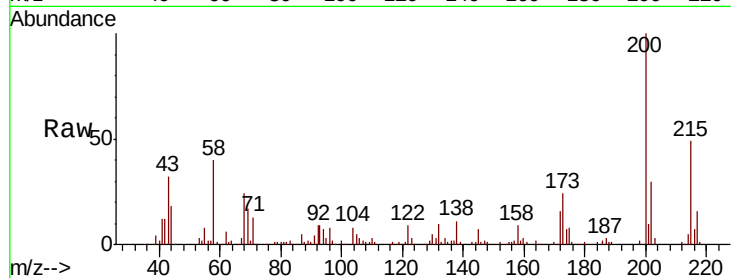
Tgt Ion:200 Resp: 73946

Ion Ratio Lower Upper

200 100

173 24.0 5.9 45.9

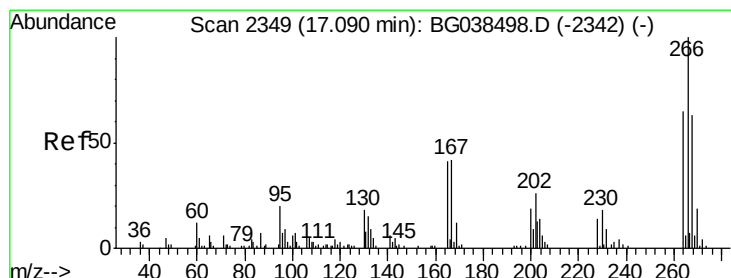
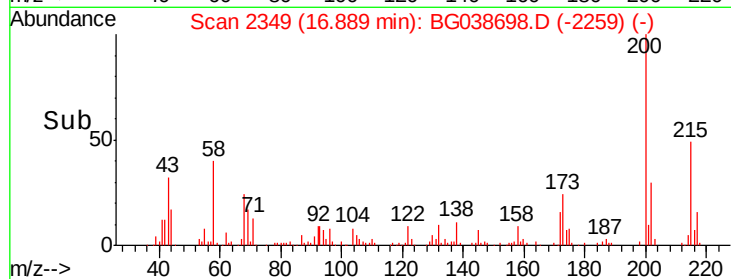
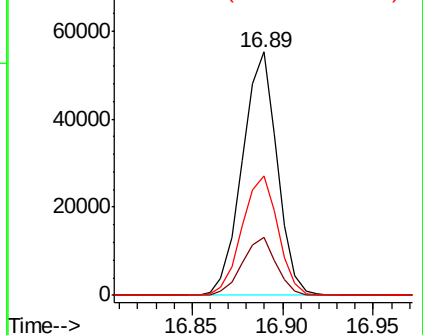
215 48.8 33.1 73.1



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: 71.154 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

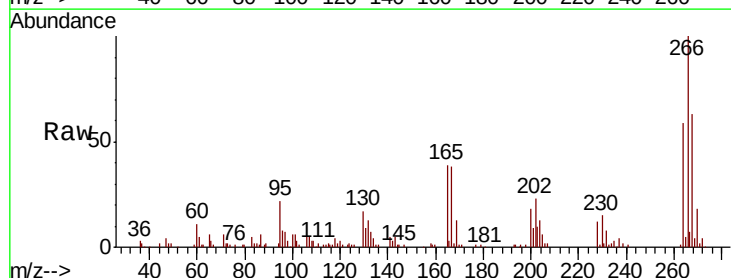
Tgt Ion:266 Resp: 80186

Ion Ratio Lower Upper

266 100

268 67.4 55.0 82.6

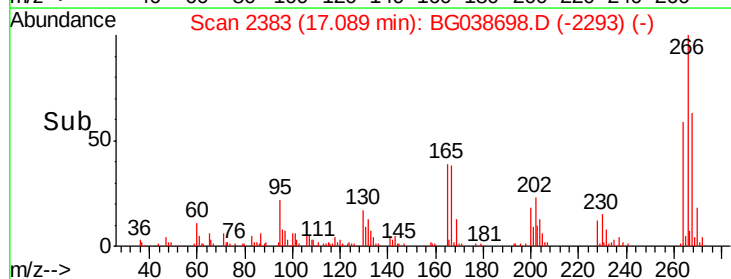
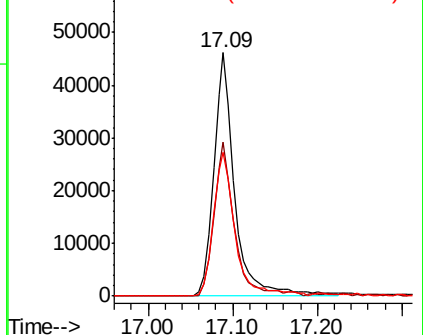
264 64.3 56.7 85.1

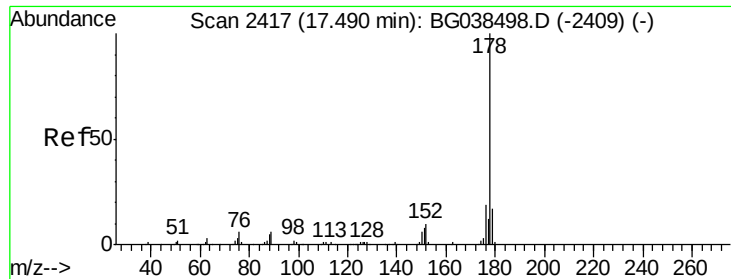


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

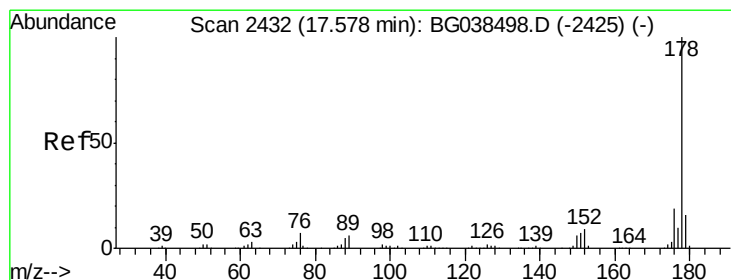
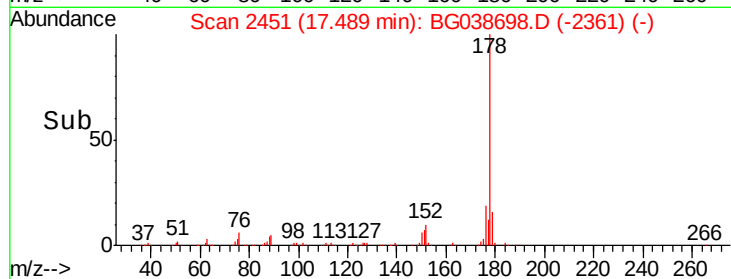
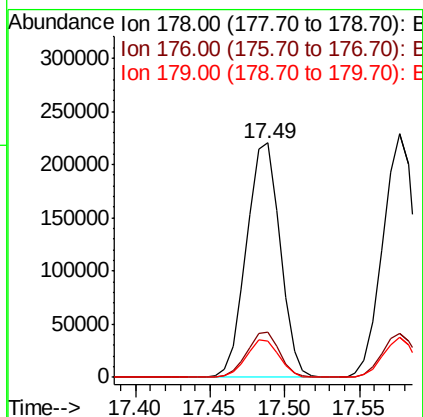
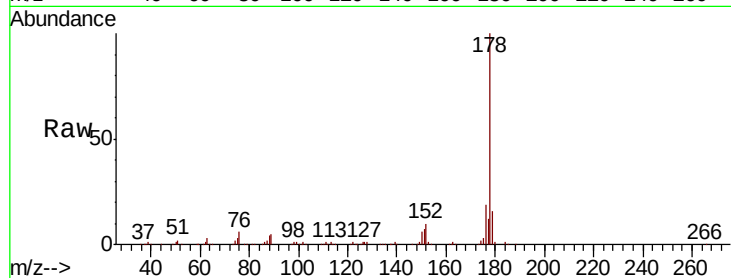




#71
Phenanthrene
Concen: 44.020 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

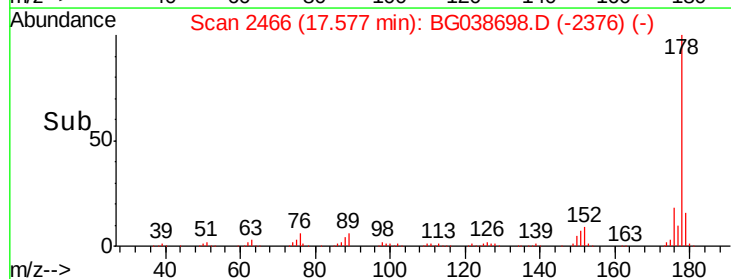
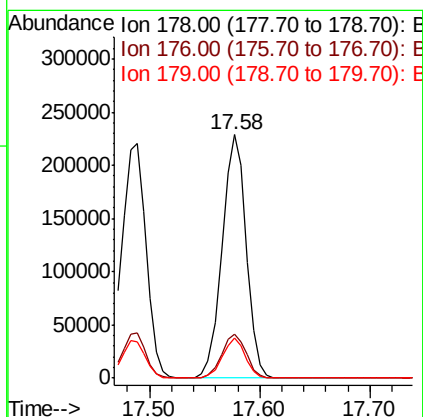
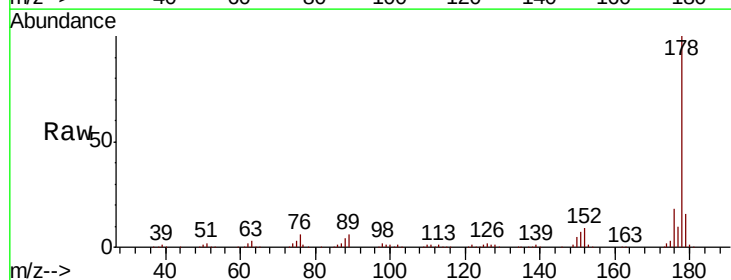
Instrument :
BNA_G
ClientSampleId :
PB115750BS

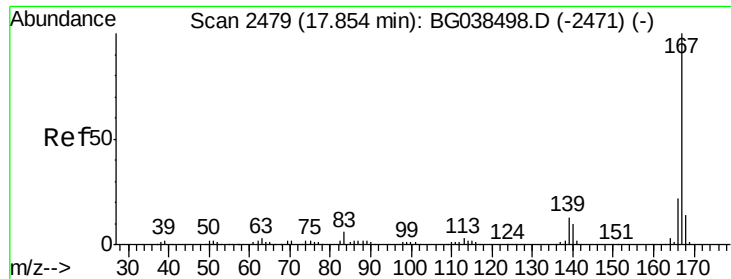
Tgt Ion:178 Resp: 343539
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.7 13.2 19.8



#72
Anthracene
Concen: 45.209 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

Tgt Ion:178 Resp: 348305
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 16.3 12.9 19.3

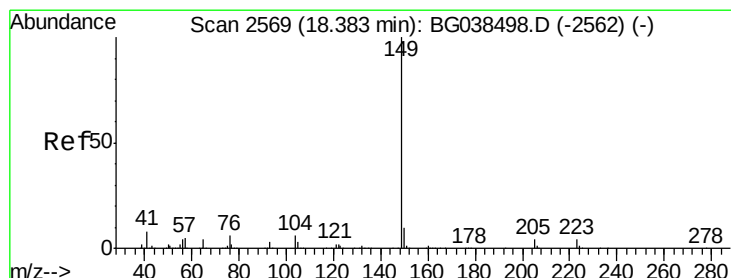
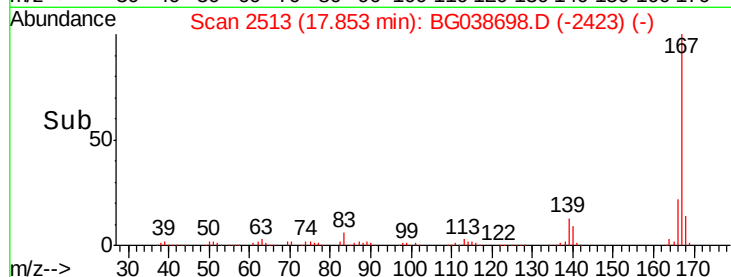
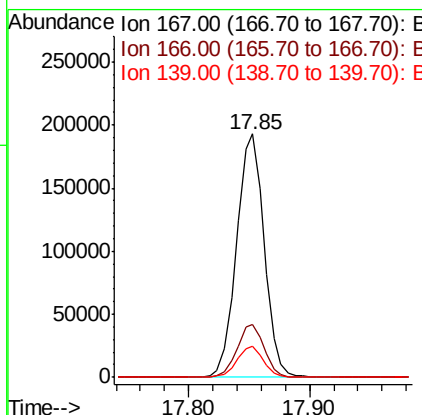
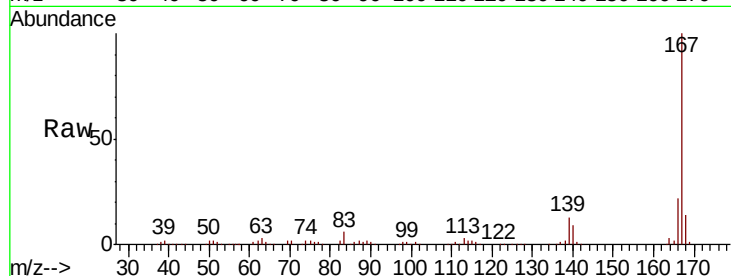




#73
 Carbazole
 Concen: 40.259 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

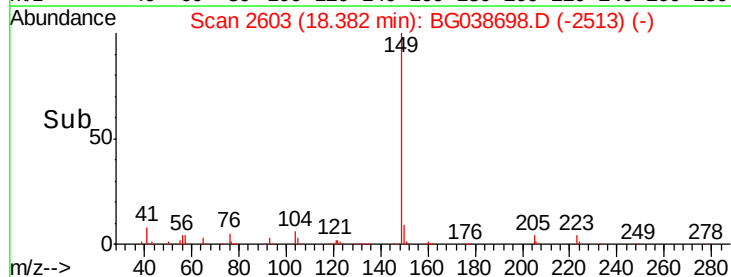
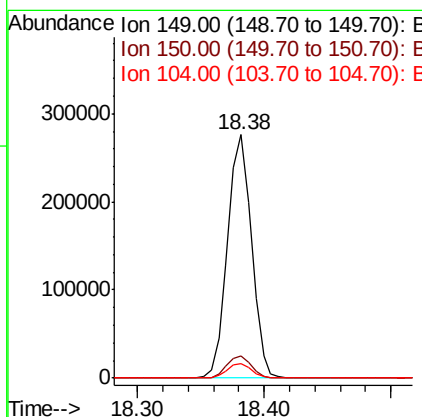
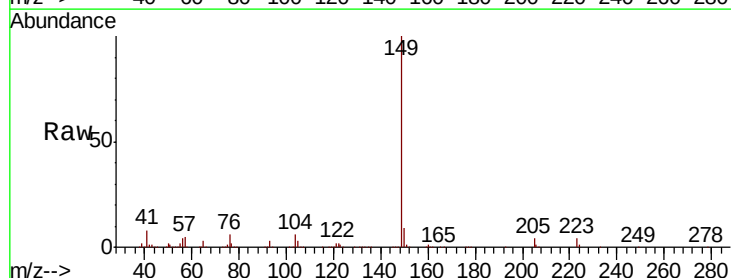
Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

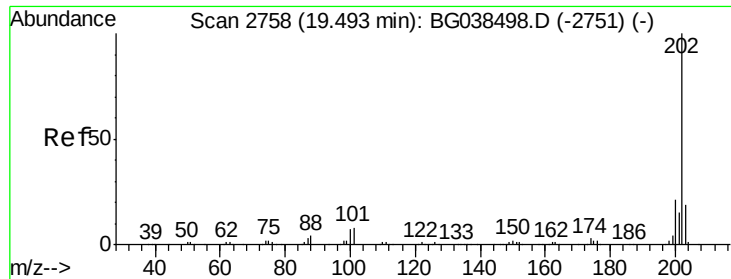
Tgt Ion:	167	Resp:	306750
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.8	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.184 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Tgt Ion:	149	Resp:	360066
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.8	5.0	7.4

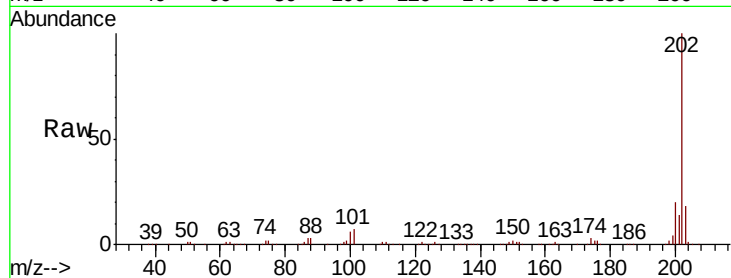




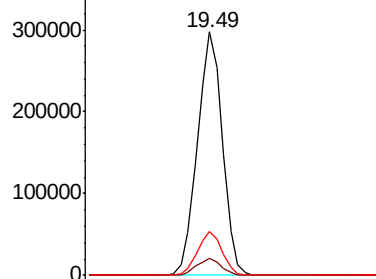
#75
 Fluoranthene
 Concen: 44.272 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115750BS

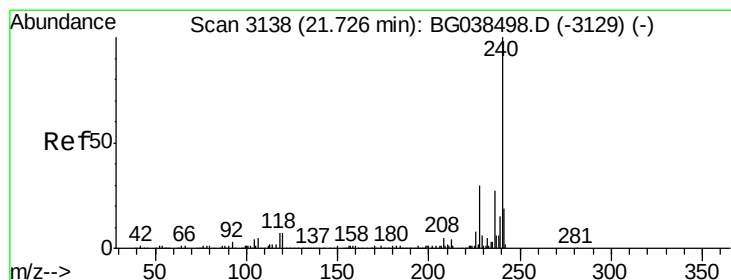
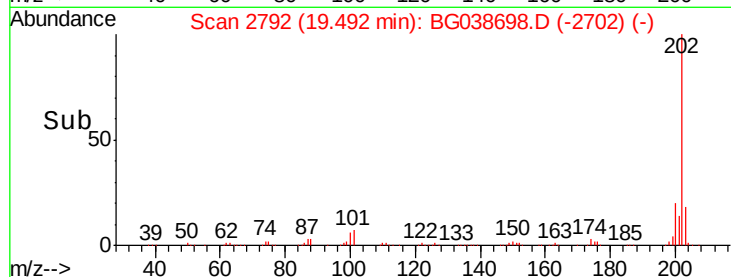
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.1
203	18.0	0.0	39.0



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

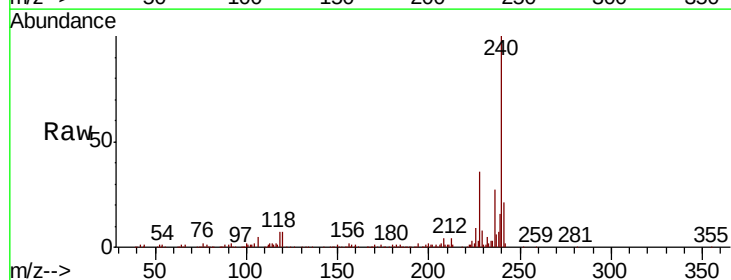


Time--> 19.40 19.50 19.60

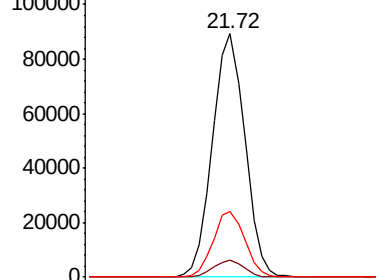


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038698.D
 Acq: 18 Dec 2018 17:20

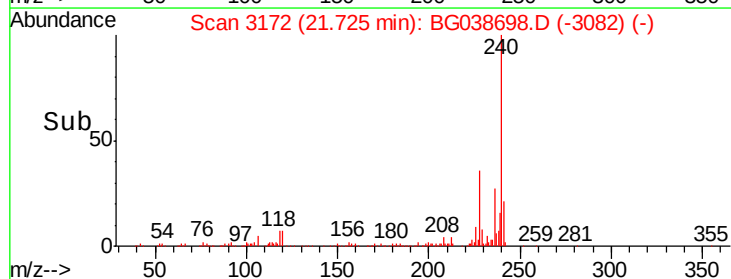
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	26.9	21.4	32.2

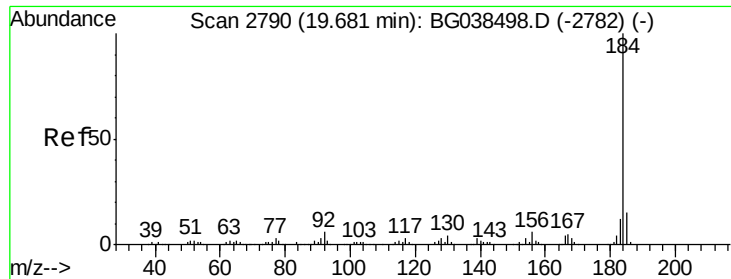


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80





#77

Benzidine

Concen: 44.208 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

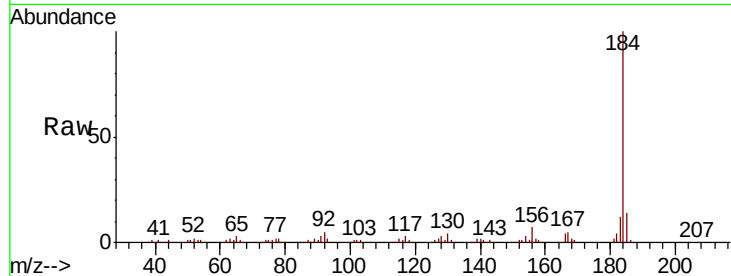
Tgt Ion:184 Resp: 195995

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.2

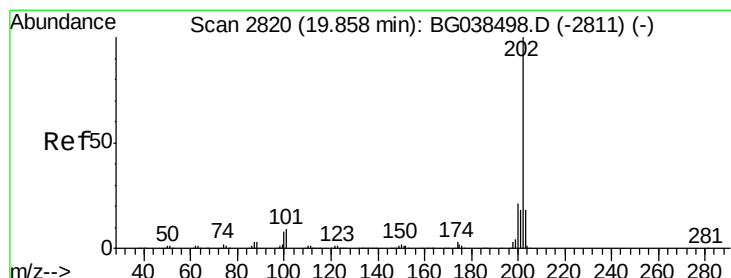
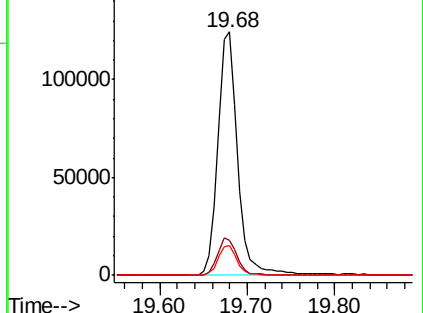
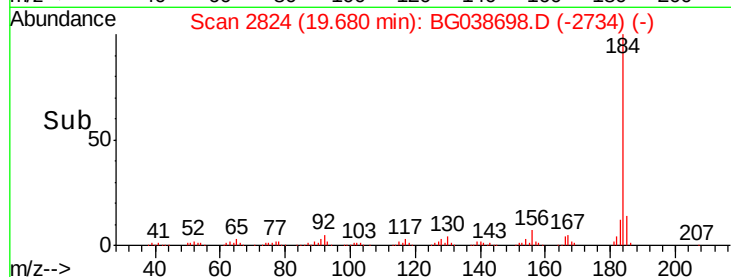
183 12.3 9.6 14.4



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: 42.472 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

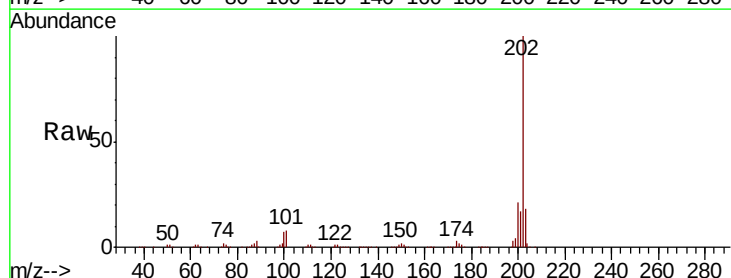
Tgt Ion:202 Resp: 420624

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

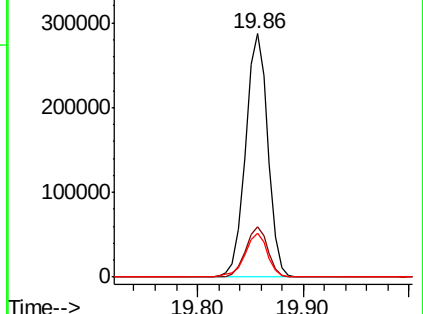
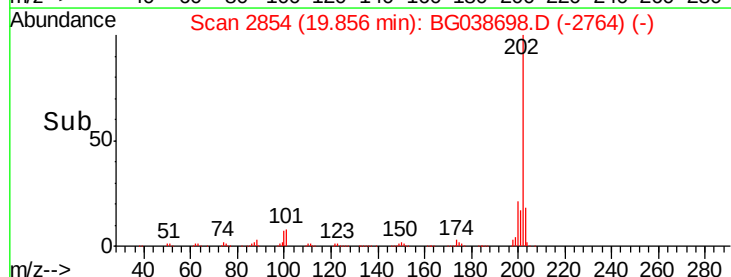
203 18.2 14.6 21.8

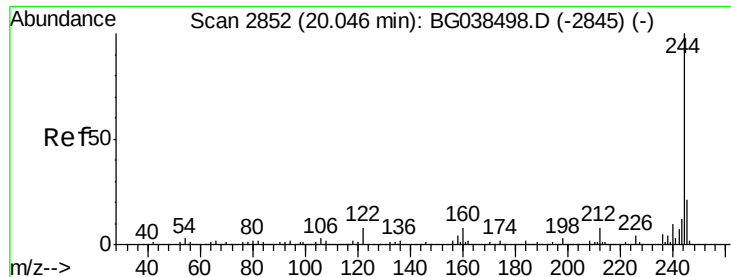


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.392 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

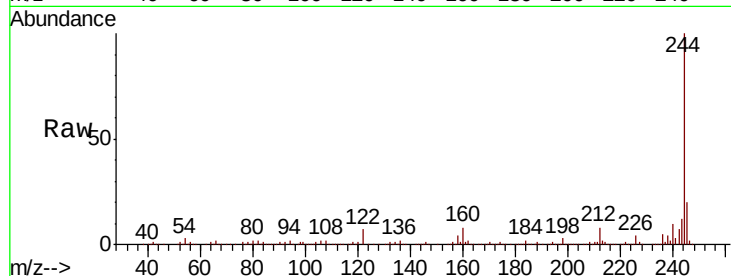
Tgt Ion:244 Resp: 581310

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

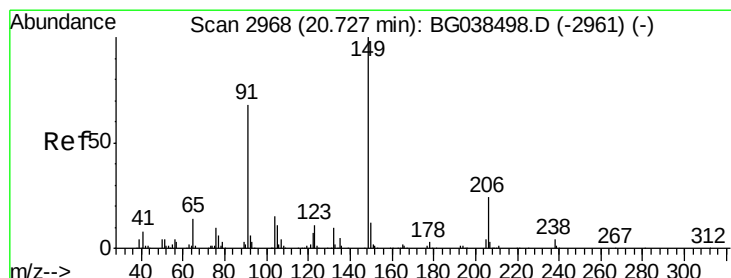
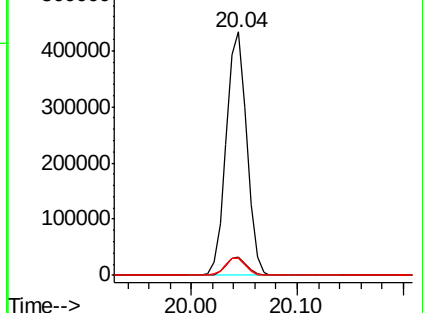
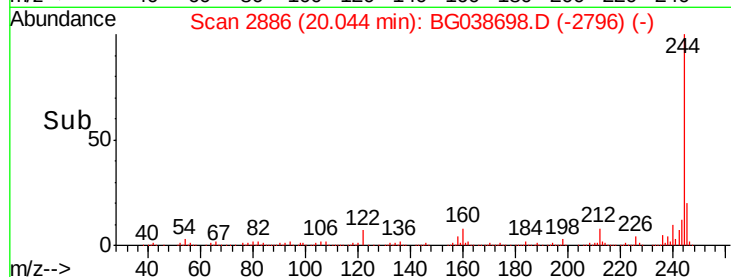
122 6.8 6.3 9.5



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: 42.119 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

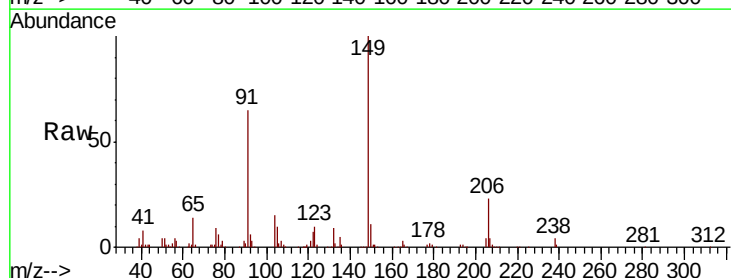
Tgt Ion:149 Resp: 162965

Ion Ratio Lower Upper

149 100

91 65.1 54.5 81.7

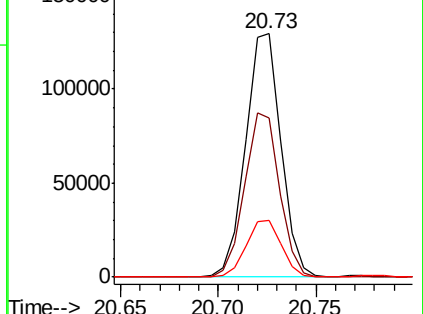
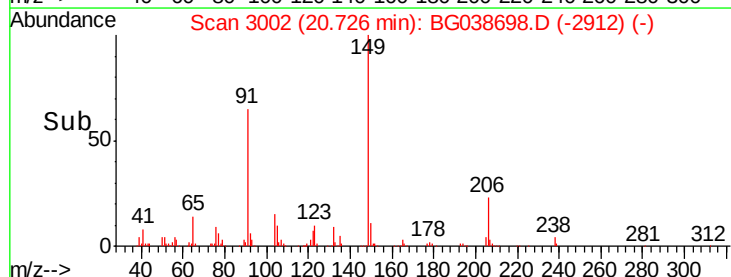
206 23.2 19.0 28.6

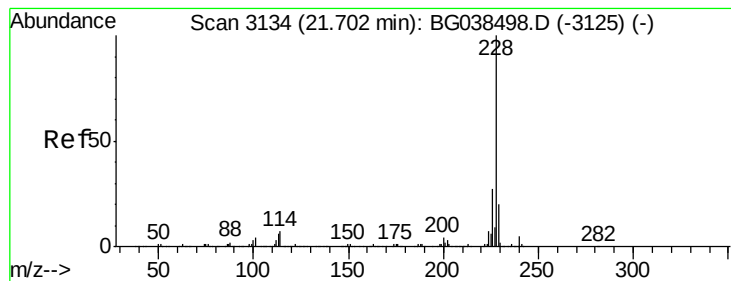


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.870 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

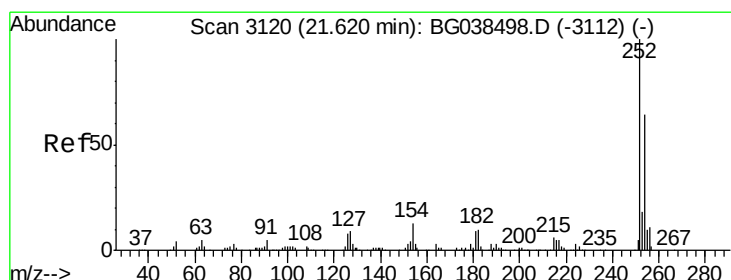
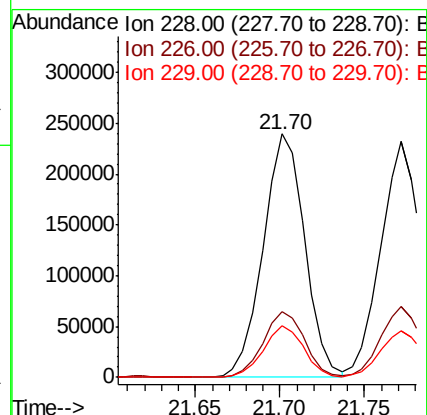
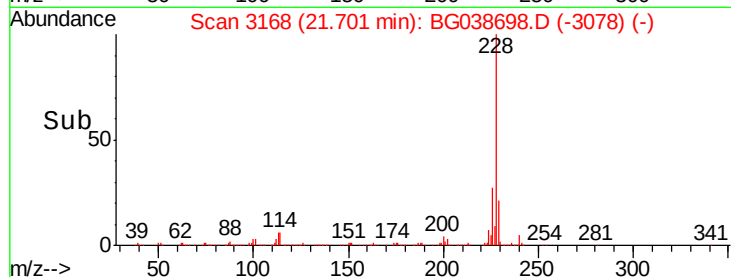
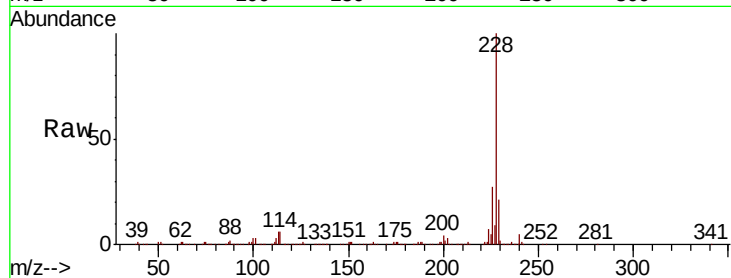
Tgt Ion:228 Resp: 409878

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 21.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 29.268 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

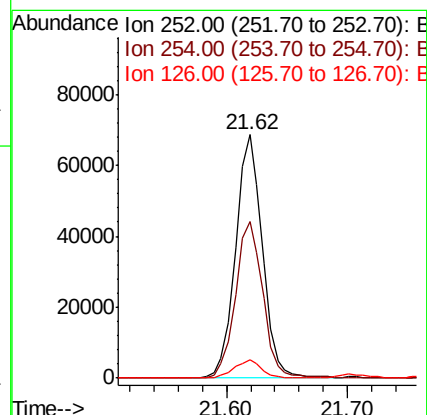
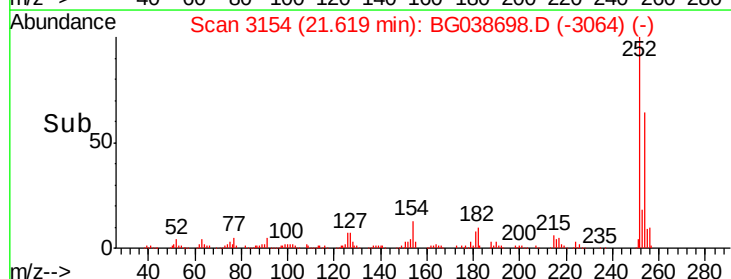
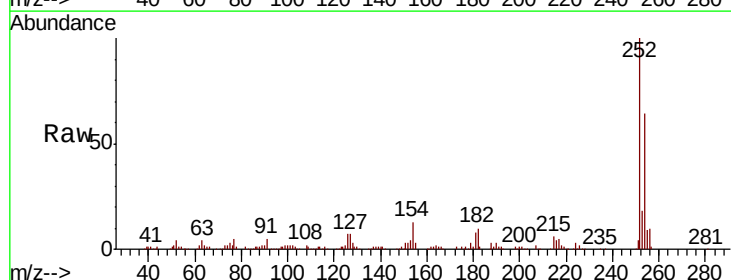
Tgt Ion:252 Resp: 106034

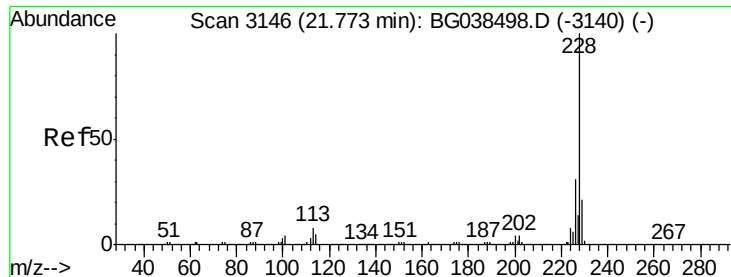
Ion Ratio Lower Upper

252 100

254 64.2 50.9 76.3

126 7.3 6.3 9.5





#83

Chrysene

Concen: 43.402 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

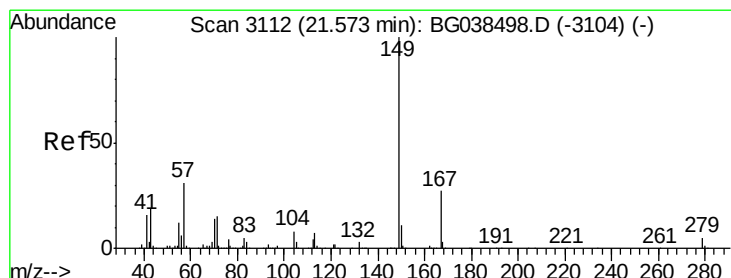
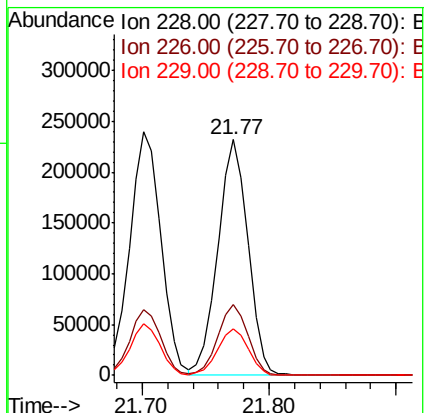
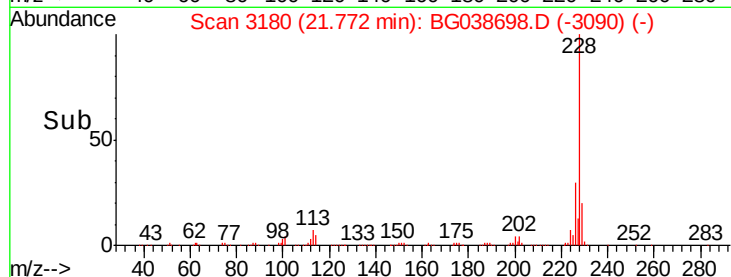
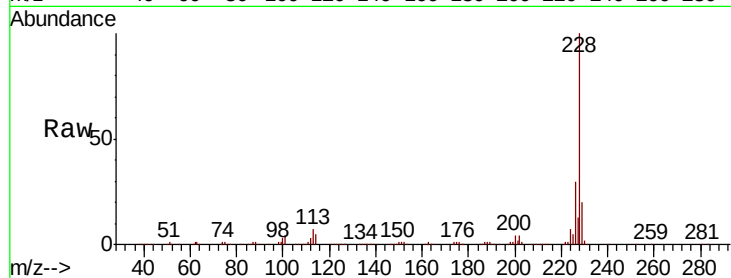
Tgt Ion:228 Resp: 381879

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.4

229 20.0 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.155 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

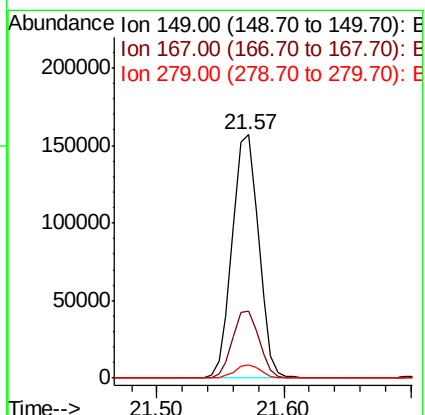
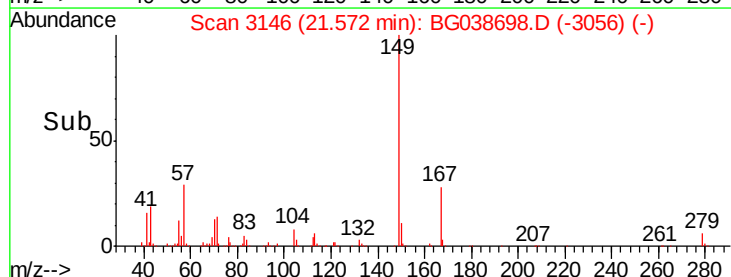
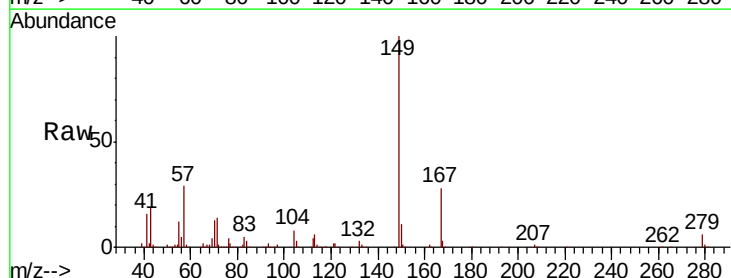
Tgt Ion:149 Resp: 225841

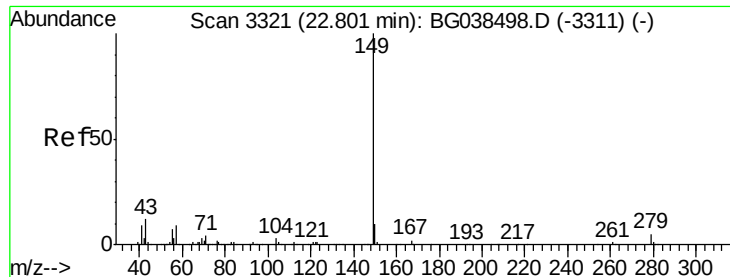
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 41.870 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

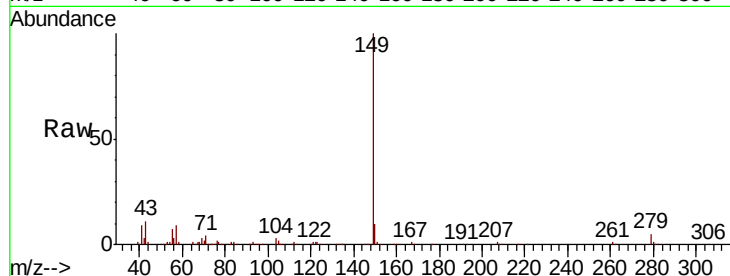
Tgt Ion:149 Resp: 384798

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

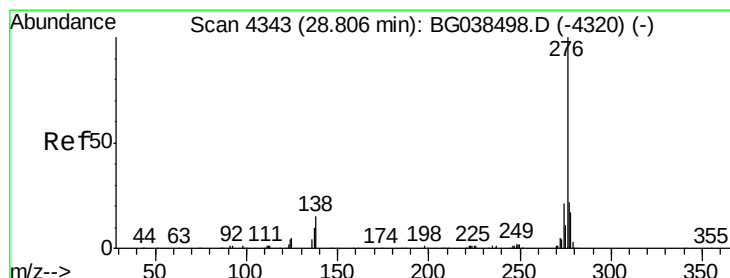
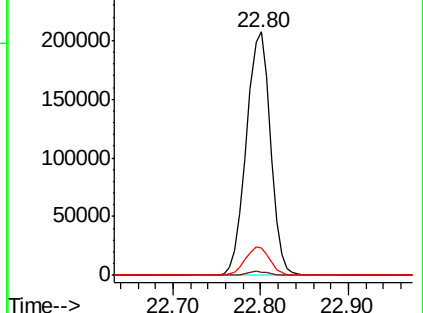
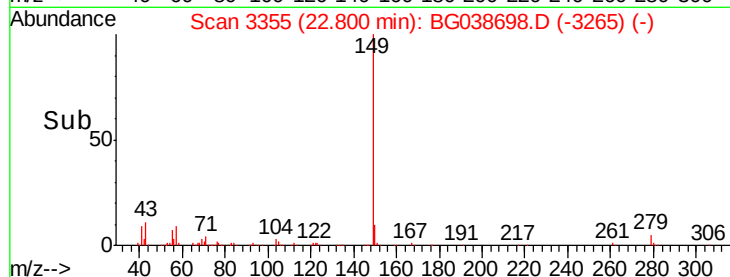
43 12.0 9.3 13.9



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: 44.664 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

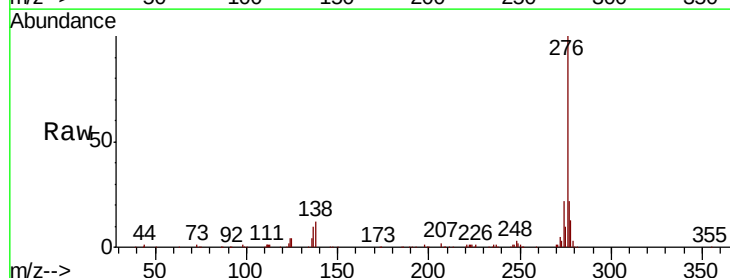
Tgt Ion:276 Resp: 462008

Ion Ratio Lower Upper

276 100

138 10.9 14.4 21.6#

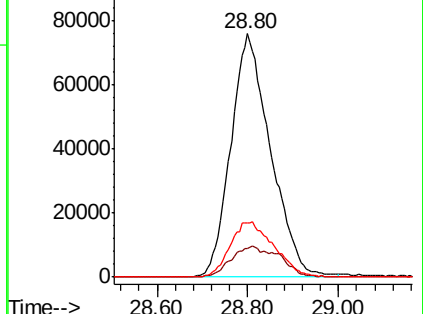
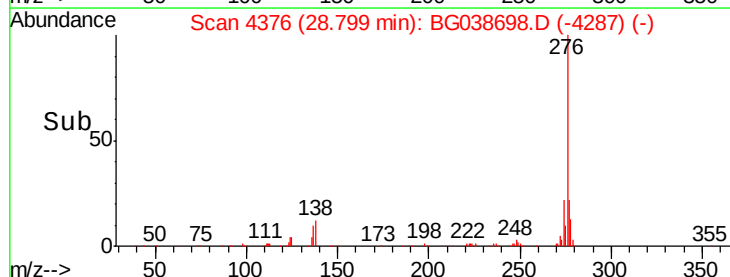
277 25.2 0.0 0.0#

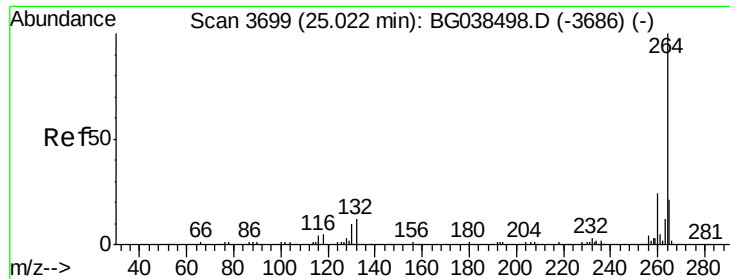


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



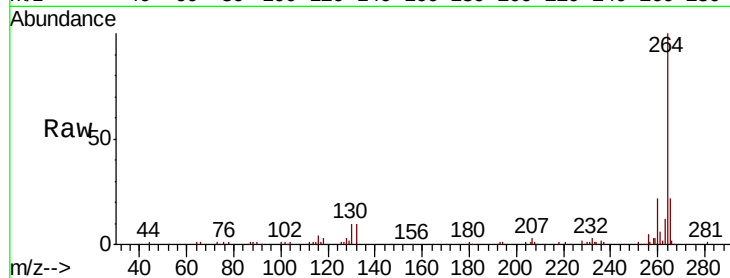


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

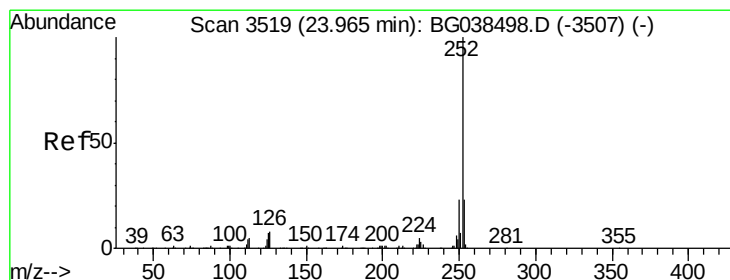
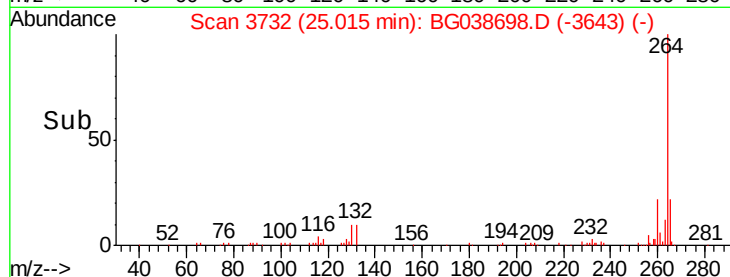
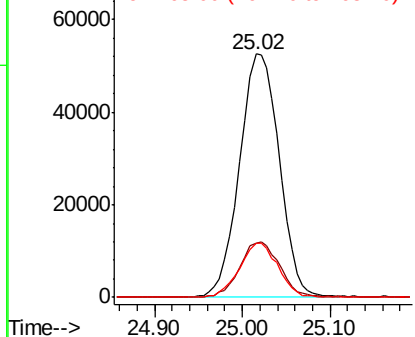
Instrument :
BNA_G
ClientSampleId :
PB115750BS

Tgt Ion: 264 Resp: 162529

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	22.4	17.0	25.4



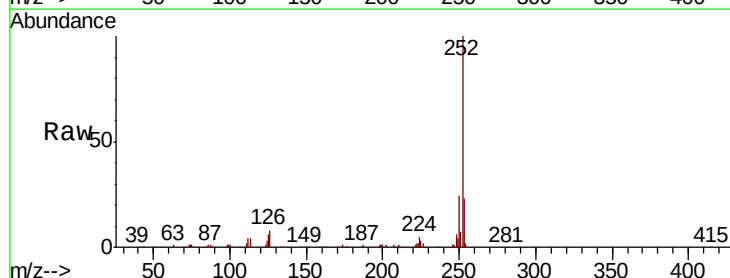
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



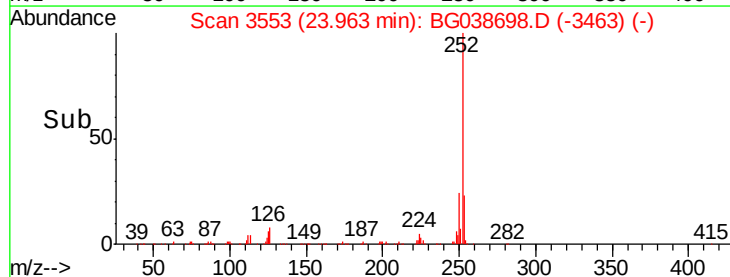
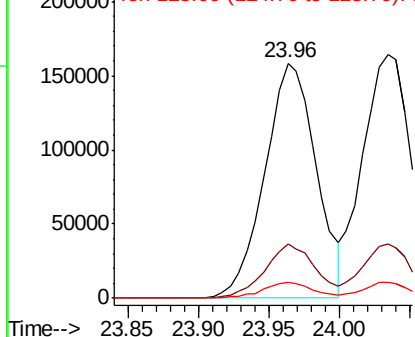
#88
Benzo(b)fluoranthene
Concen: 45.144 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038698.D
Acq: 18 Dec 2018 17:20

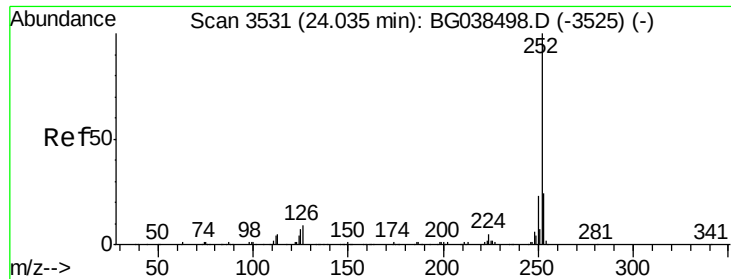
Tgt Ion: 252 Resp: 402842

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	6.5	5.5	8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.849 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

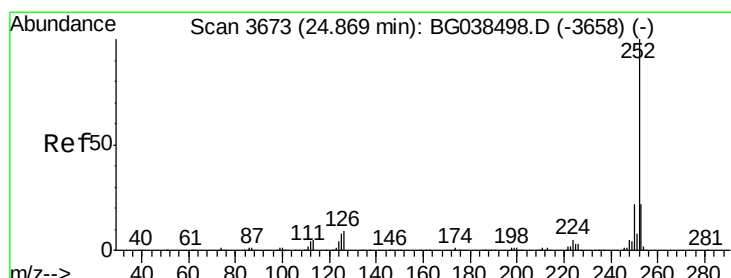
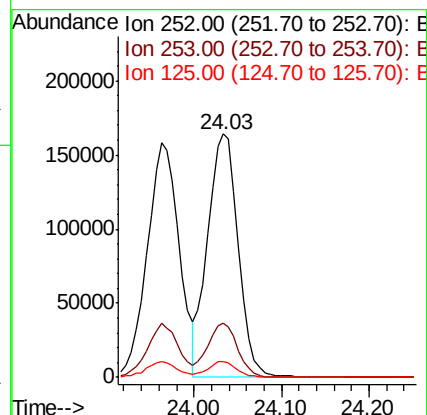
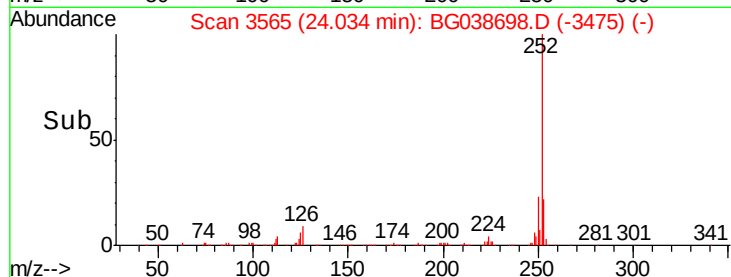
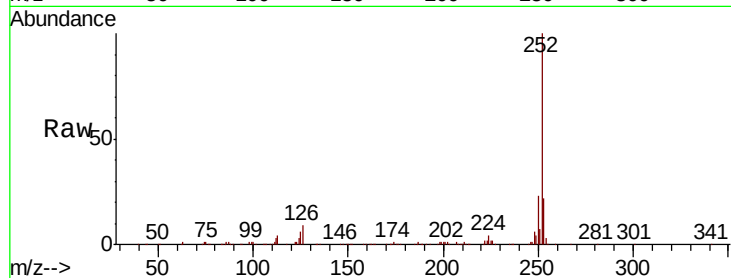
Tgt Ion:252 Resp: 398524

Ion Ratio Lower Upper

252 100

253 22.1 18.9 28.3

125 6.3 5.4 8.2



#90

Benzo(a)pyrene

Concen: 45.905 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

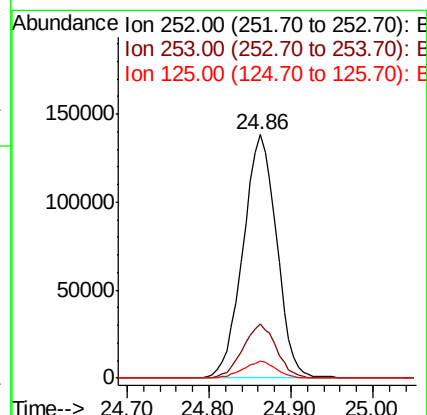
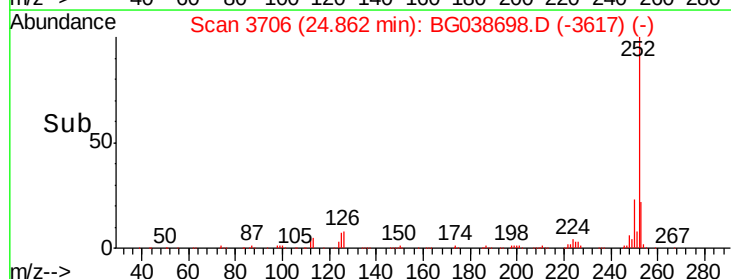
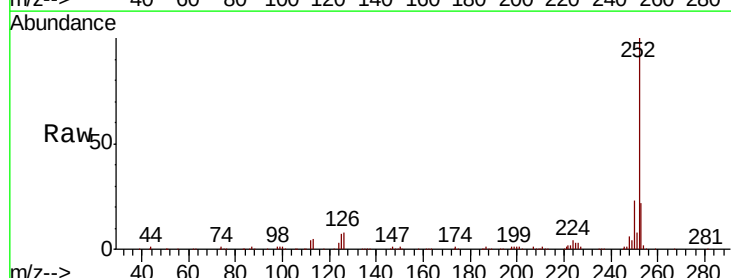
Tgt Ion:252 Resp: 395185

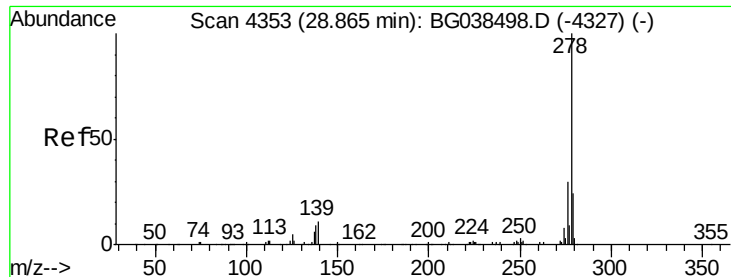
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 7.2 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 44.639 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115750BS

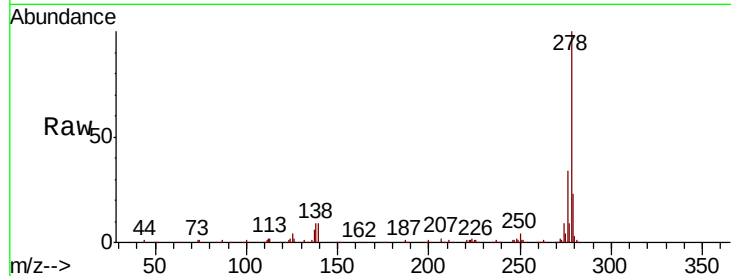
Tgt Ion:278 Resp: 382629

Ion Ratio Lower Upper

278 100

139 9.4 8.6 12.8

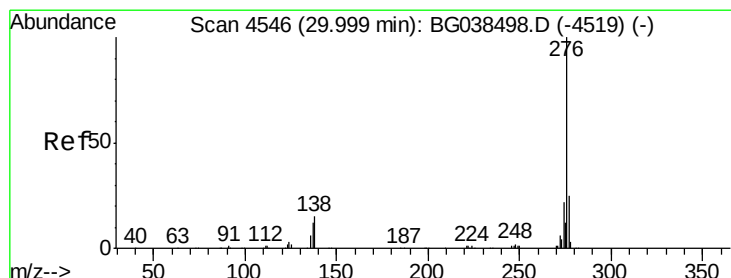
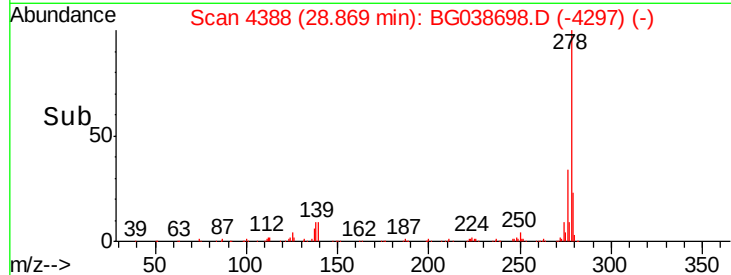
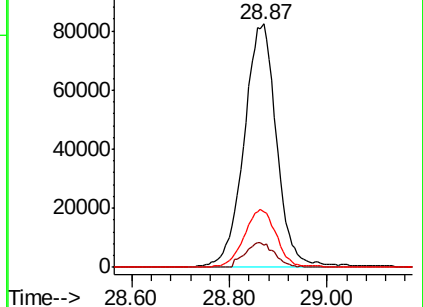
279 22.6 19.0 28.6



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: 44.925 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038698.D

Acq: 18 Dec 2018 17:20

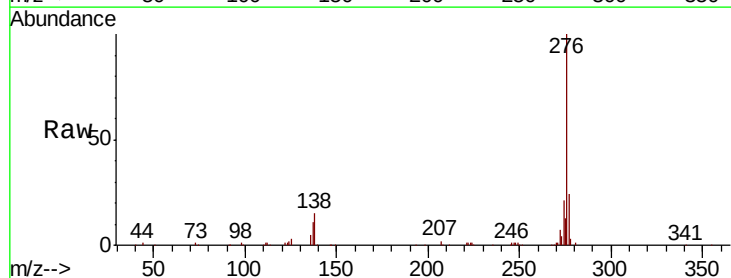
Tgt Ion:276 Resp: 379498

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 14.9 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

