

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038602.D
 Acq On : 15 Dec 2018 13:32
 Operator : JU/SJ
 Sample : PB115709BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Quant Time: Dec 16 02:21:13 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	22056	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87823	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	55892	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	142139	20.00	ng	0.00
76) Chrysene-d12	21.72	240	153412	20.00	ng	0.00
87) Perylene-d12	25.01	264	171220	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	158091	127.13	ng	0.00
7) Phenol-d6	7.22	99	207225	121.39	ng	0.00
23) Nitrobenzene-d5	9.24	82	120738	70.23	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	90134	117.01	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	277012	67.99	ng	0.00
79) Terphenyl-d14	20.04	244	601628	85.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21222	36.668	ng	92
3) Pyridine	3.89	79	58090	36.455	ng	93
4) n-Nitrosodimethylamine	3.81	42	37666	48.243	ng	# 89
6) Aniline	7.39	93	76141	34.939	ng	99
8) 2-Chlorophenol	7.62	128	64405	44.755	ng	99
9) Benzaldehyde	7.20	77	22783	20.573	ng	97
10) Phenol	7.24	94	80960	44.639	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	56391	39.053	ng	97
12) 1,3-Dichlorobenzene	7.94	146	66803	39.261	ng	98
13) 1,4-Dichlorobenzene	8.10	146	68006	39.025	ng	98
14) 1,2-Dichlorobenzene	8.41	146	64580	39.310	ng	99
15) Benzyl Alcohol	8.30	79	57198	42.926	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	129739	39.223	ng	99
17) 2-Methylphenol	8.50	107	54084	44.509	ng	94
18) Hexachloroethane	9.14	117	25460	39.982	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	47281	39.434	ng	97
20) 3+4-Methylphenols	8.82	107	74311	44.282	ng	97
22) Acetophenone	8.89	105	92346	42.097	ng	# 99
24) Nitrobenzene	9.28	77	73769	42.419	ng	97
25) Isophorone	9.79	82	131494	42.573	ng	98
26) 2-Nitrophenol	9.99	139	35328	39.690	ng	92
27) 2,4-Dimethylphenol	10.04	122	63390	49.692	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	75926	43.559	ng	99
29) 2,4-Dichlorophenol	10.52	162	65290	46.007	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	69386	40.477	ng	98
31) Naphthalene	10.93	128	192110	44.397	ng	98
32) Benzoic acid	10.19	122	19332	28.971	ng	# 89
33) 4-Chloroaniline	11.05	127	44024	23.434	ng	97
34) Hexachlorobutadiene	11.19	225	45428	39.165	ng	94
35) Caprolactam	11.83	113	12023	20.472	ng	# 89
36) 4-Chloro-3-methylphenol	12.15	107	67749	41.834	ng	97
37) 2-Methylnaphthalene	12.53	142	137413	44.513	ng	99
38) 1-Methylnaphthalene	12.74	142	131846	44.014	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	81650	39.082	ng	99

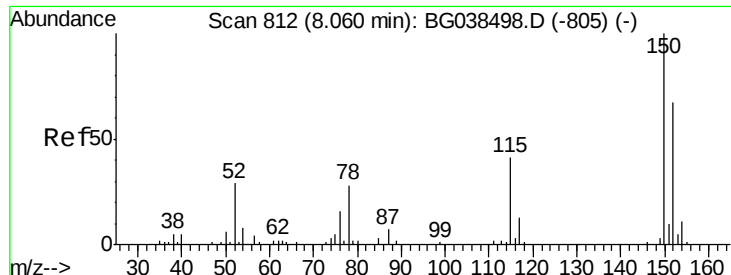
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038602.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	114560	99.808	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	54059	42.083	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	58403	42.941	ng	99
46) 1,1'-Biphenyl	13.53	154	181642	38.766	ng	99
47) 2-Chloronaphthalene	13.58	162	143749	39.717	ng	99
48) 2-Nitroaniline	13.79	65	48475	42.048	ng	93
49) Acenaphthylene	14.42	152	236473	43.704	ng	99
50) Dimethylphthalate	14.14	163	194521	42.618	ng	99
51) 2,6-Dinitrotoluene	14.28	165	43506	42.061	ng	97
52) Acenaphthene	14.76	154	133142	41.151	ng	93
53) 3-Nitroaniline	14.61	138	31858	30.214	ng	98
54) 2,4-Dinitrophenol	14.82	184	47683	77.641	ng	93
55) Dibenzofuran	15.09	168	227758	41.067	ng	99
56) 4-Nitrophenol	14.91	139	69457	86.833	ng	91
57) 2,4-Dinitrotoluene	15.06	165	61055	41.909	ng	99
58) Fluorene	15.74	166	180560	43.943	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	52363	42.792	ng	97
60) Diethylphthalate	15.50	149	198279	39.572	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	101287	39.508	ng	98
62) 4-Nitroaniline	15.78	138	47613	43.862	ng	95
63) Azobenzene	16.02	77	173049	41.342	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	39358	38.817	ng	98
66) n-Nitrosodiphenylamine	15.95	169	165348	39.591	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	67218	38.722	ng	96
68) Hexachlorobenzene	16.74	284	70222	39.023	ng	99
69) Atrazine	16.89	200	70886	45.736	ng	97
70) Pentachlorophenol	17.09	266	78309	73.573	ng	98
71) Phenanthrene	17.49	178	323229	43.852	ng	98
72) Anthracene	17.58	178	332708	45.723	ng	98
73) Carbazole	17.85	167	299625	41.636	ng	99
74) Di-n-butylphthalate	18.38	149	367898	44.553	ng	98
75) Fluoranthene	19.49	202	426147	46.728	ng	97
77) Benzidine	19.68	184	211265	46.565	ng	100
78) Pyrene	19.86	202	422507	41.689	ng	99
80) Butylbenzylphthalate	20.72	149	169482	42.803	ng	99
81) Benzo(a)anthracene	21.70	228	417197	44.629	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	108746	29.331	ng	97
83) Chrysene	21.77	228	379789	42.180	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	239319	42.616	ng	99
85) Di-n-octyl phthalate	22.80	149	407226	43.299	ng	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	473567	44.736	ng	# 80
88) Benzo(b)fluoranthene	23.96	252	409574	43.569	ng	100
89) Benzo(k)fluoranthene	24.04	252	408972	43.689	ng	98
90) Benzo(a)pyrene	24.86	252	407660	44.950	ng	98
91) Dibenzo(a,h)anthracene	28.85	278	398549	44.136	ng	99
92) Benzo(g,h,i)perylene	29.99	276	393385	44.205	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: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampled :

PB115709BS

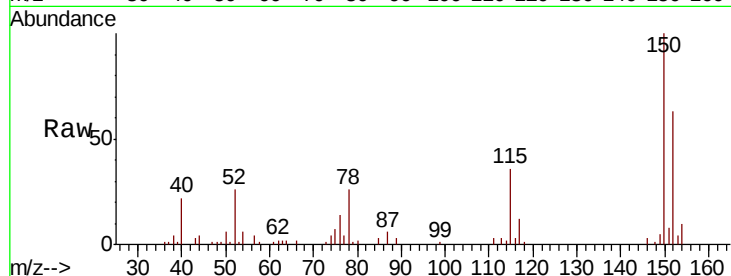
Tgt Ion:152 Resp: 22056

Ion Ratio Lower Upper

152 100

150 158.4 119.5 179.3

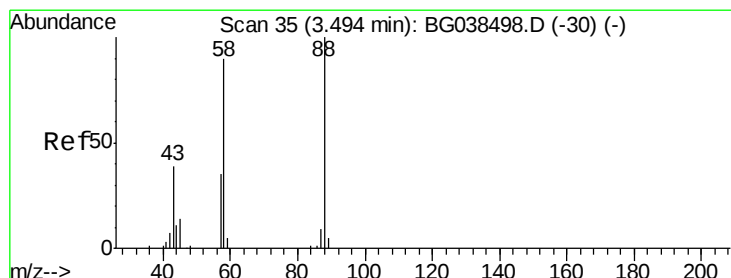
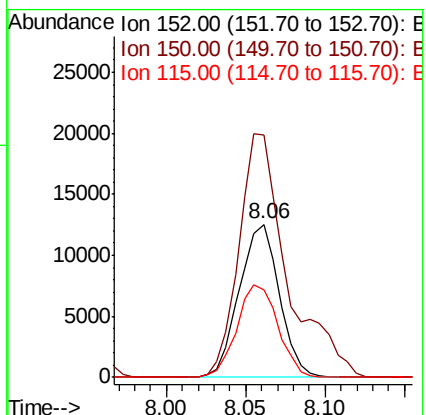
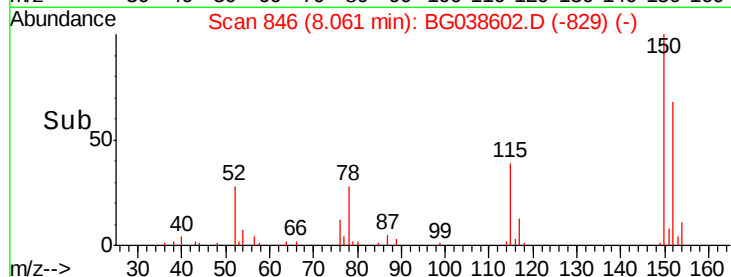
115 57.1 49.6 74.4



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: 36.668 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

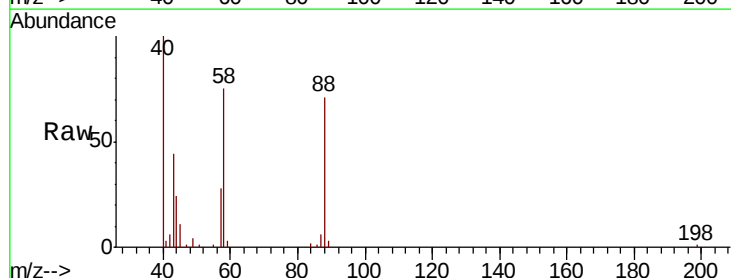
Tgt Ion: 88 Resp: 21222

Ion Ratio Lower Upper

88 100

58 104.0 75.7 113.5

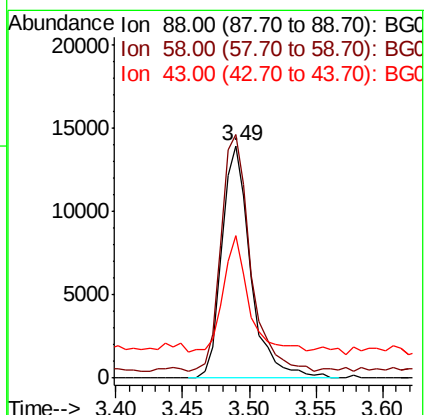
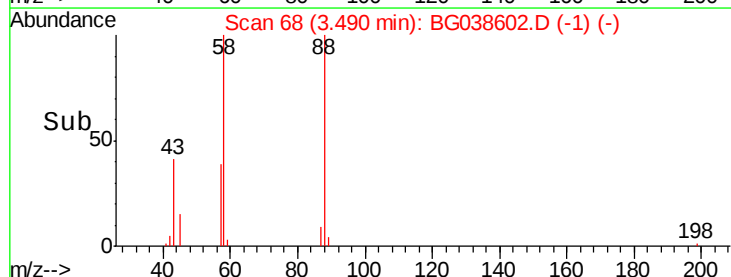
43 42.8 31.6 47.4

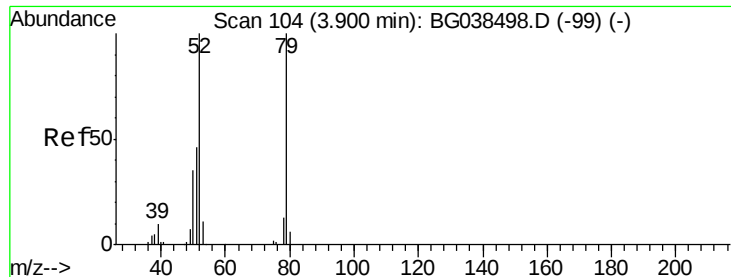


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

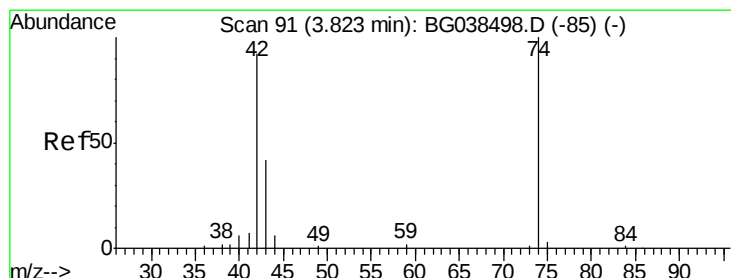
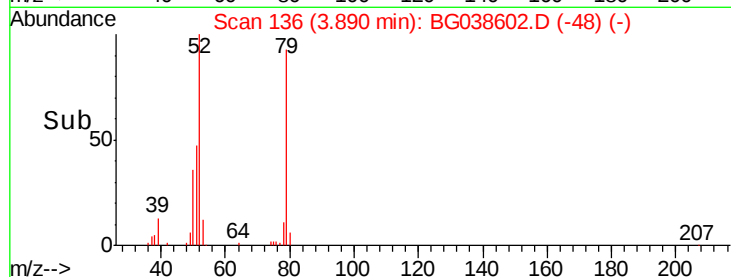
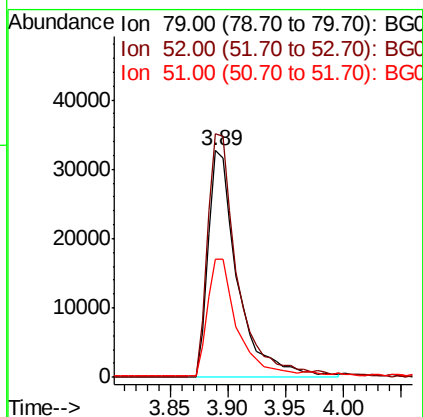
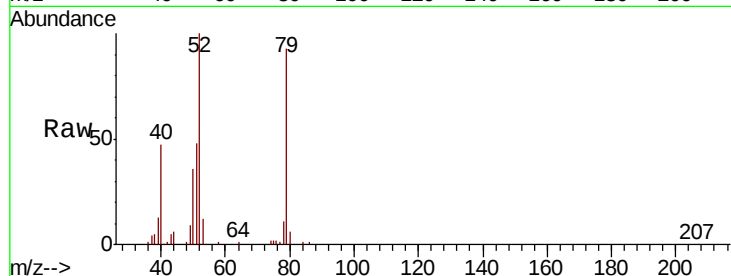




#3
 Pyridine
 Concen: 36.455 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

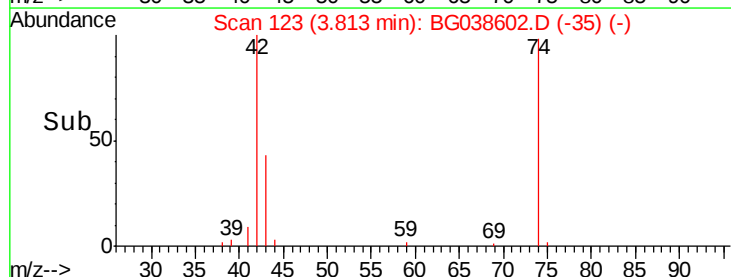
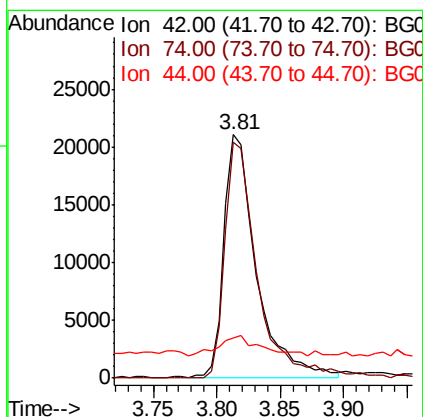
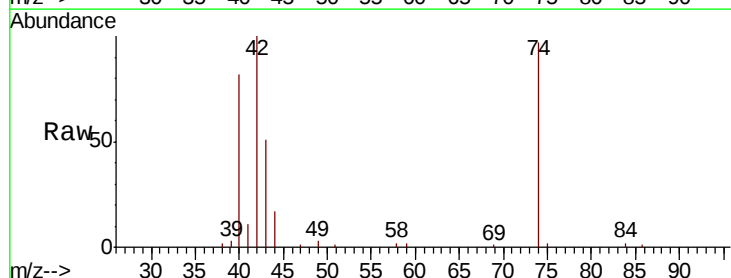
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion: 79 Resp: 58090
 Ion Ratio Lower Upper
 79 100
 52 107.3 80.2 120.2
 51 51.9 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 48.243 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion: 42 Resp: 37666
 Ion Ratio Lower Upper
 42 100
 74 97.0 86.7 130.1
 44 16.6 7.8 11.8#





#5

2-Fluorophenol

Concen: 127.130 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

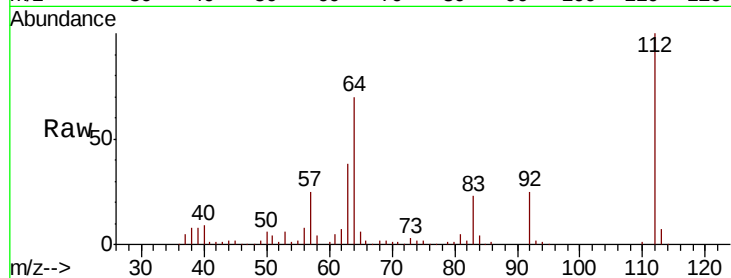
Tgt Ion: 112 Resp: 158091

Ion Ratio Lower Upper

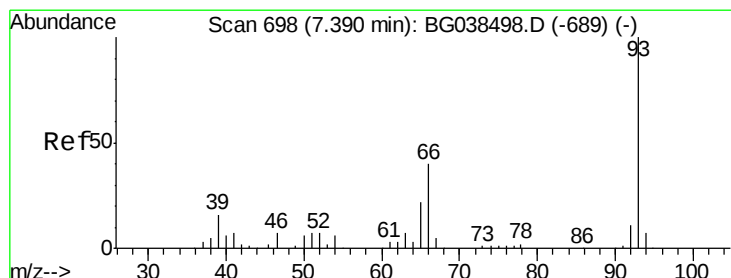
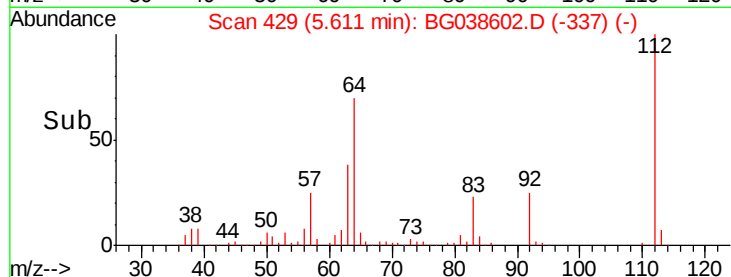
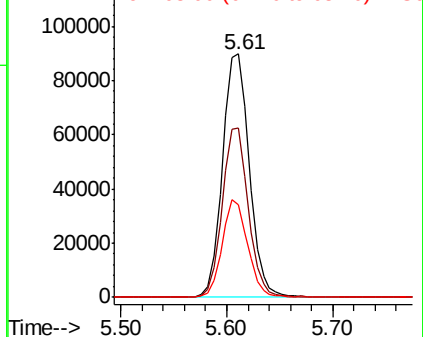
112 100

64 69.7 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: 34.939 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

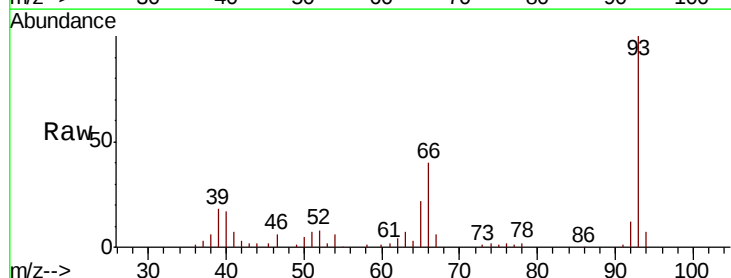
Tgt Ion: 93 Resp: 76141

Ion Ratio Lower Upper

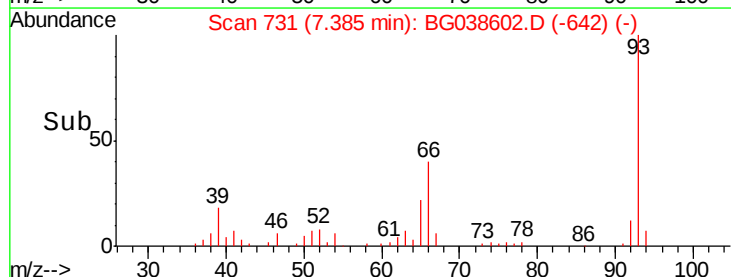
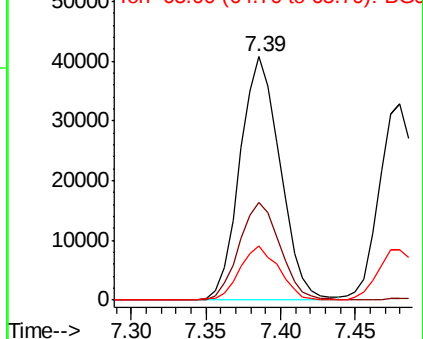
93 100

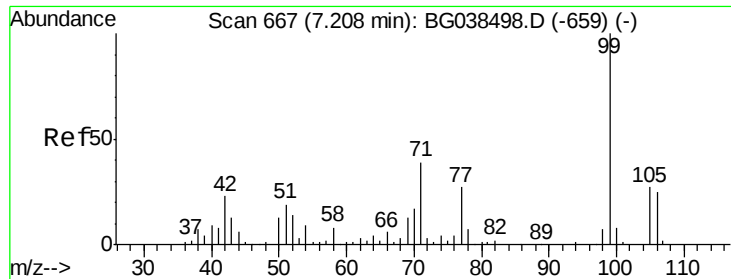
66 40.0 31.7 47.5

65 22.3 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: 121.388 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

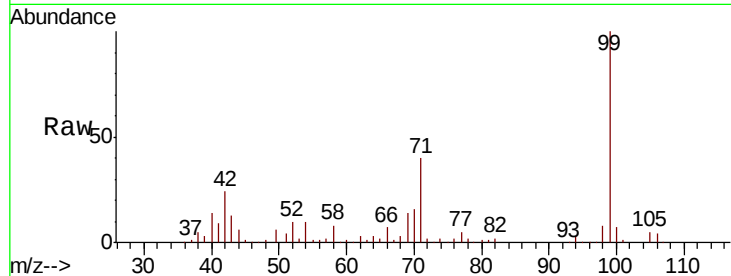
Tgt Ion: 99 Resp: 207225

Ion Ratio Lower Upper

99 100

42 23.7 18.5 27.7

71 39.9 31.1 46.7

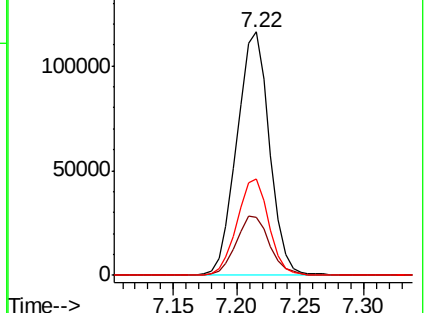
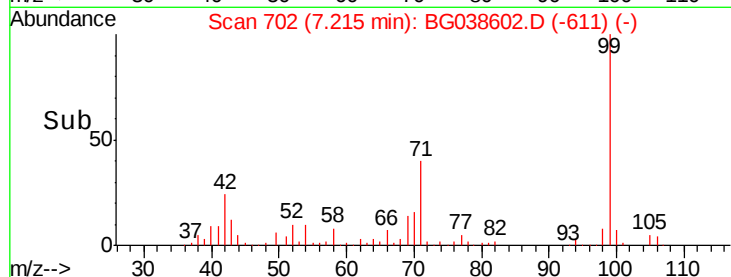


Abundance

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: 44.755 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

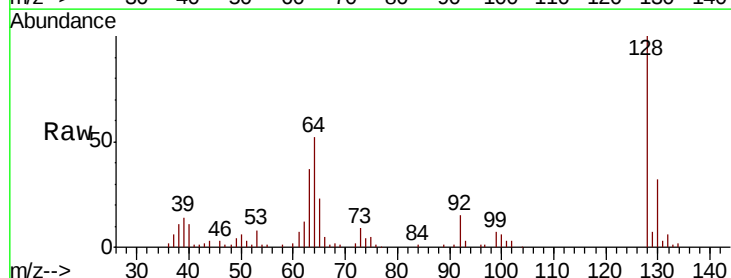
Tgt Ion: 128 Resp: 64405

Ion Ratio Lower Upper

128 100

130 31.8 11.8 51.8

64 51.7 33.2 73.2

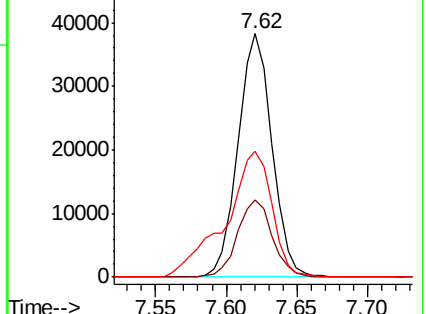
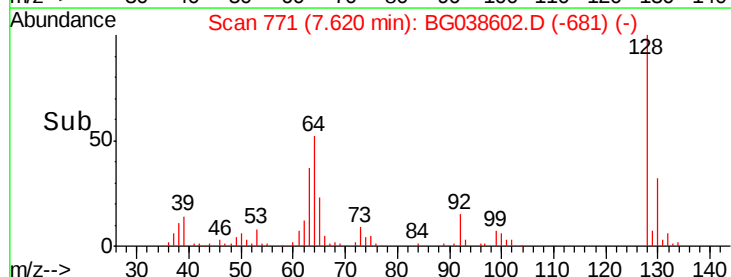


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.573 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

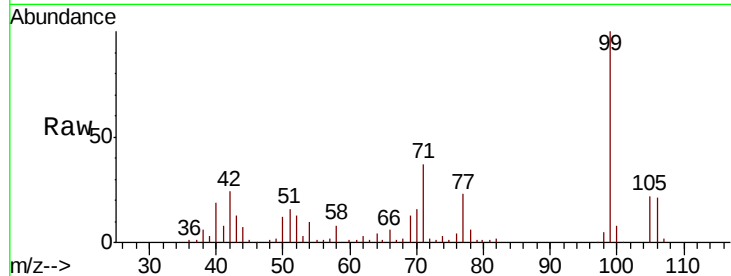
Tgt Ion: 77 Resp: 22783

Ion Ratio Lower Upper

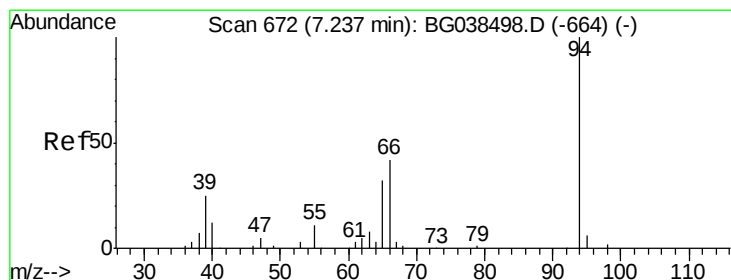
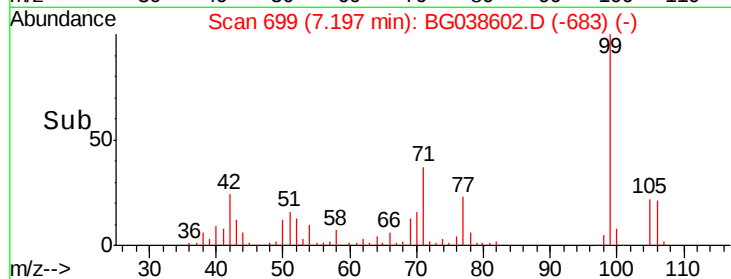
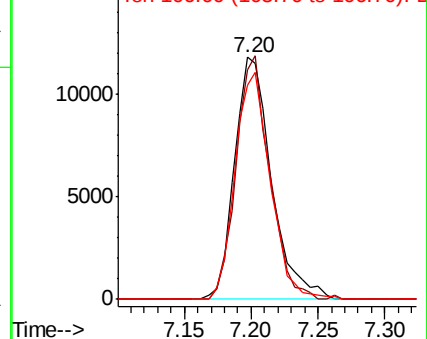
77 100

105 94.7 74.0 114.0

106 88.3 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: 44.639 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

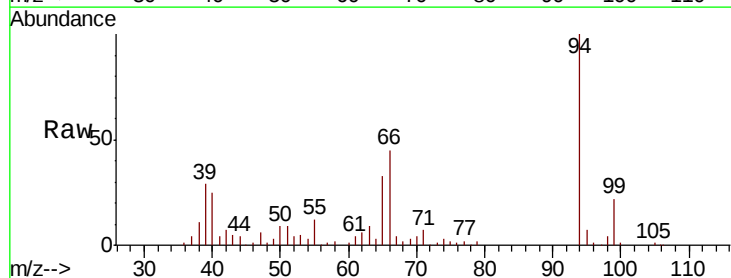
Tgt Ion: 94 Resp: 80960

Ion Ratio Lower Upper

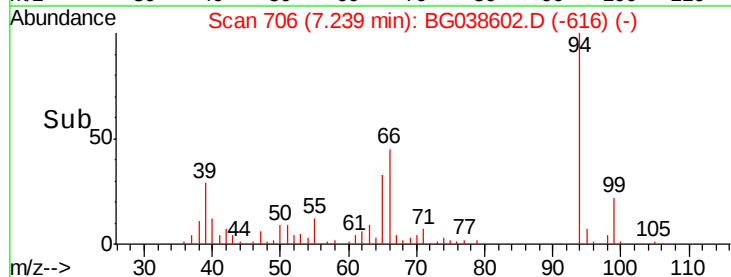
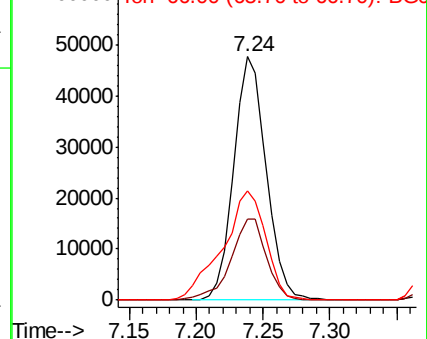
94 100

65 33.1 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

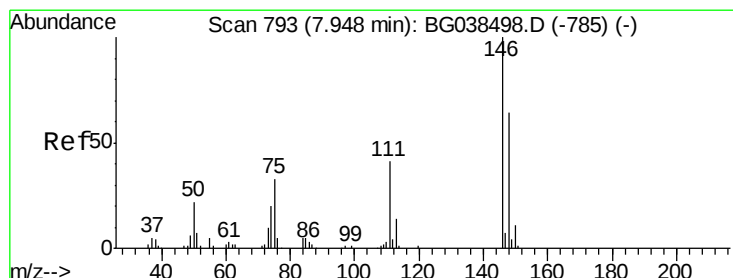
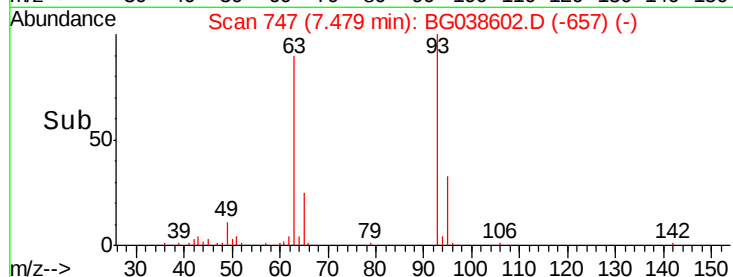
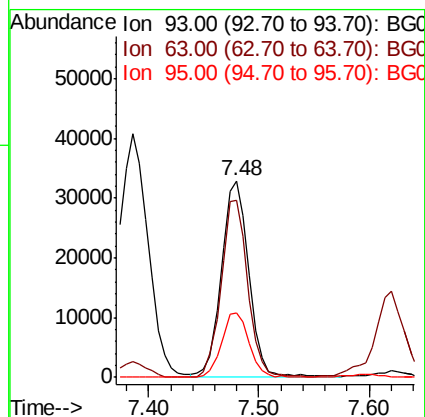
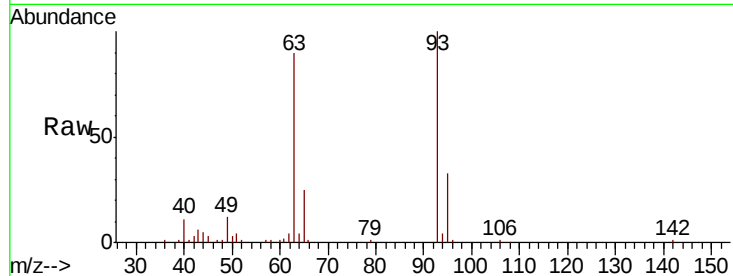




#11
bis(2-Chloroethyl)ether
Concen: 39.053 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

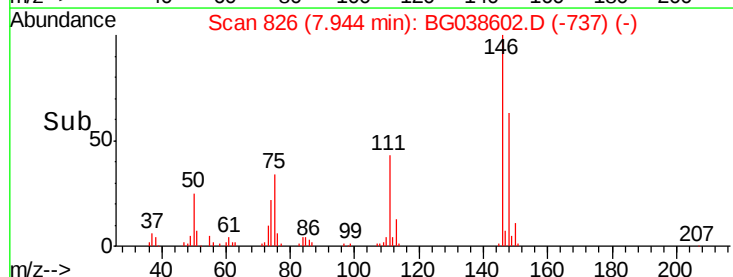
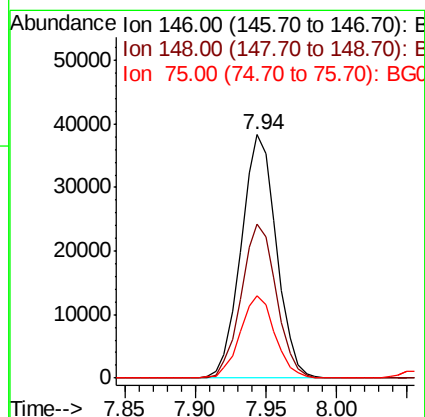
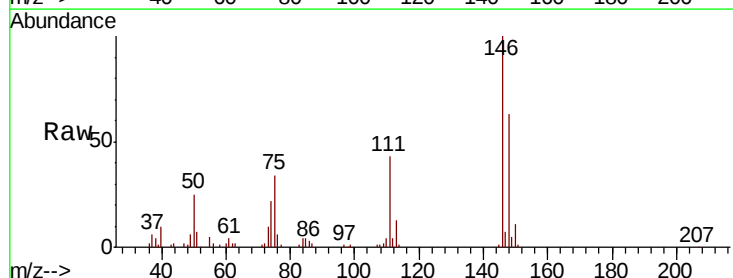
Instrument :
BNA_G
ClientSampled :
PB115709BS

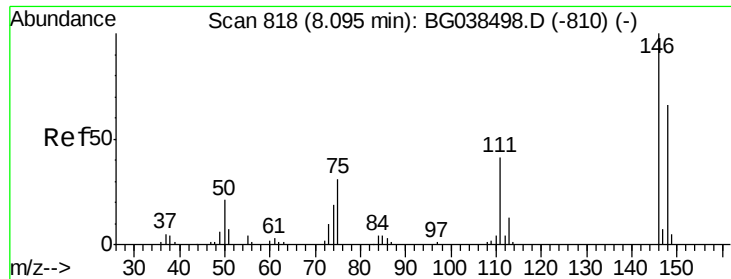
Tgt Ion: 93 Resp: 56391
Ion Ratio Lower Upper
93 100
63 89.9 72.2 112.2
95 32.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.261 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion: 146 Resp: 66803
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 34.0 26.1 39.1

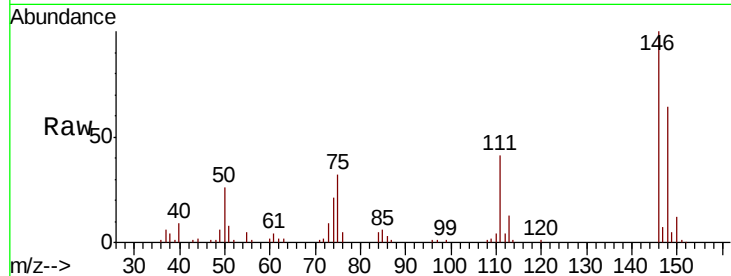




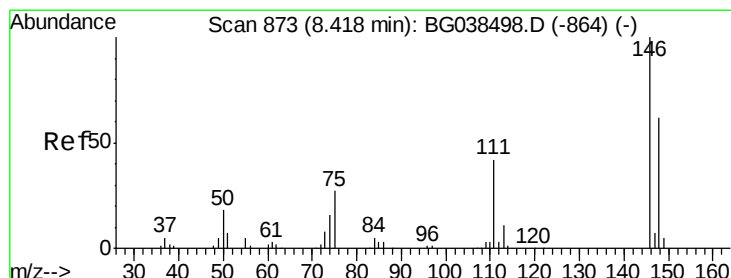
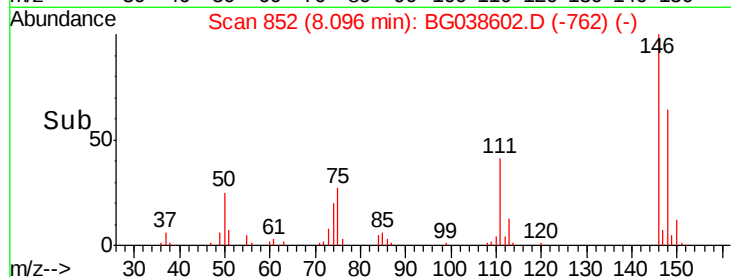
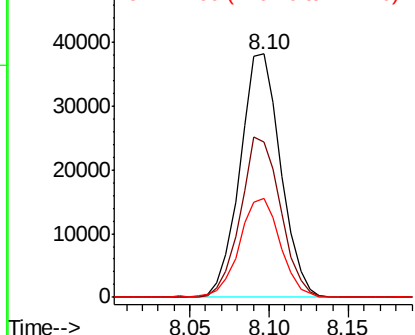
#13
 1,4-Dichlorobenzene
 Concen: 39.025 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion:146 Resp: 68006
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.4 78.6
 111 40.9 33.0 49.4

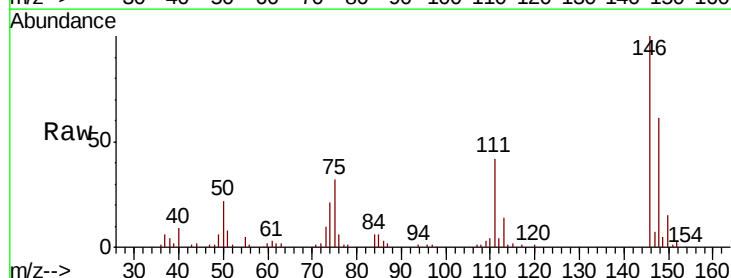


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

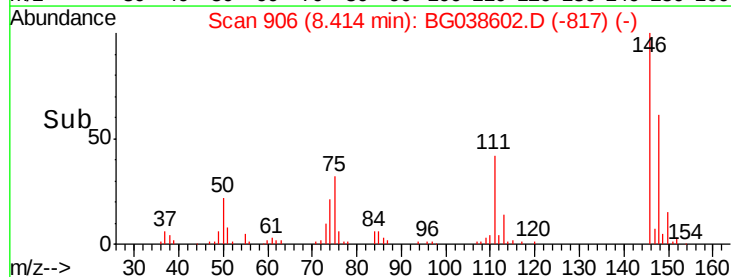
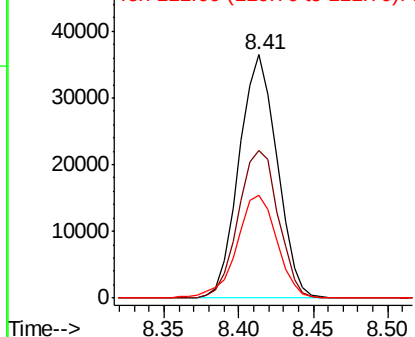


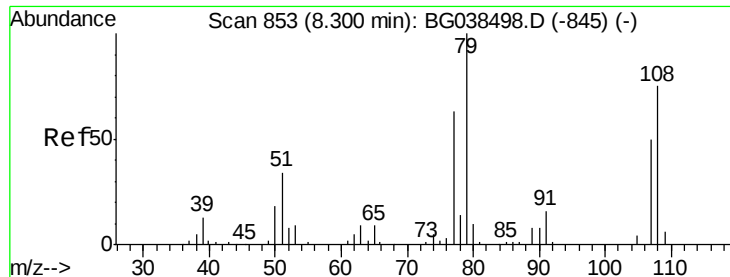
#14
 1,2-Dichlorobenzene
 Concen: 39.310 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:146 Resp: 64580
 Ion Ratio Lower Upper
 146 100
 148 60.6 49.4 74.0
 111 42.5 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.926 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

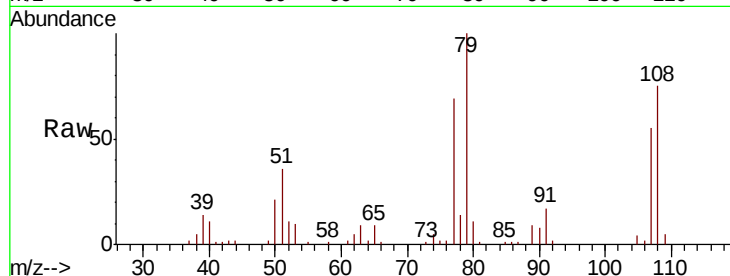
Tgt Ion: 79 Resp: 57198

Ion Ratio Lower Upper

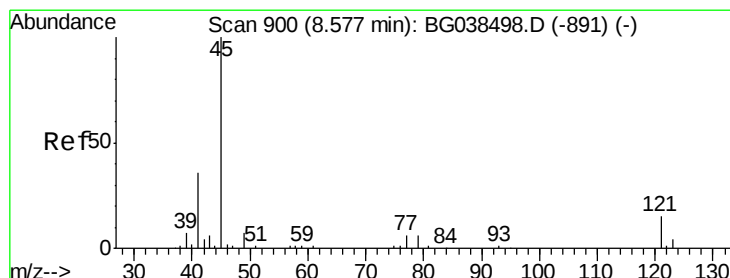
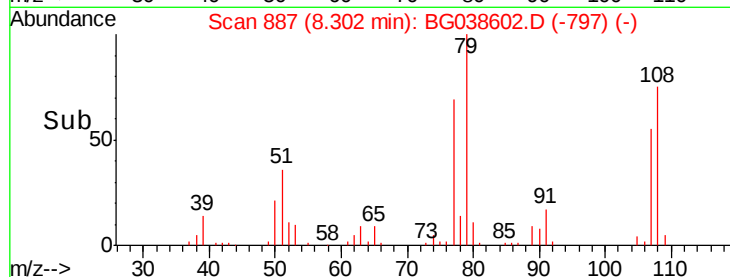
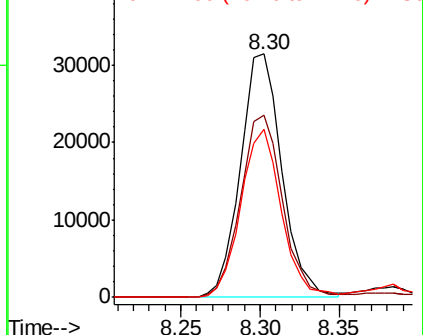
79 100

108 74.8 60.2 90.4

77 69.2 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: 39.223 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

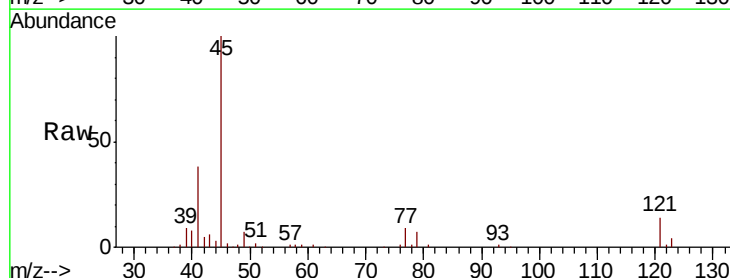
Tgt Ion: 45 Resp: 129739

Ion Ratio Lower Upper

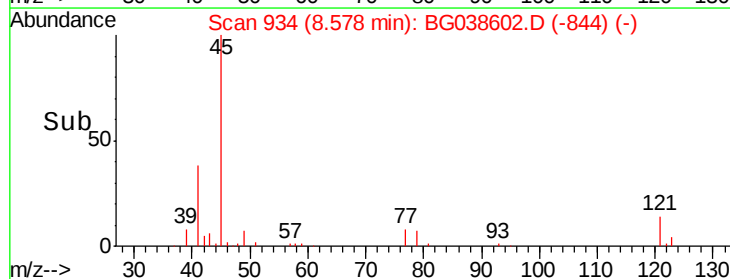
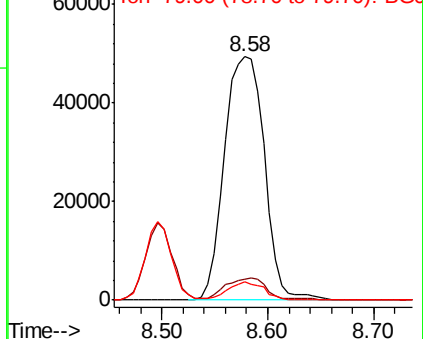
45 100

77 8.6 0.0 28.2

79 7.5 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

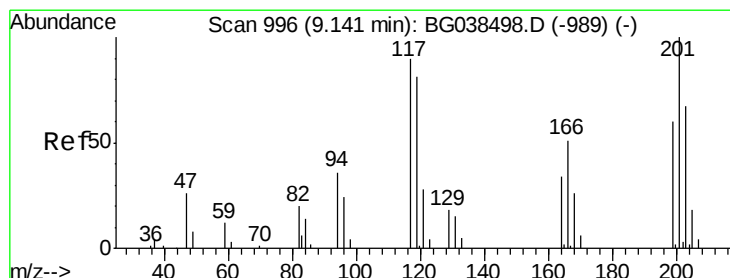
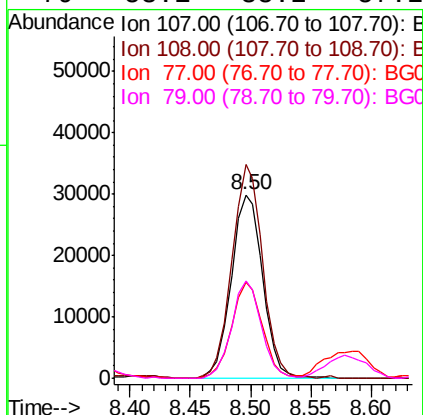
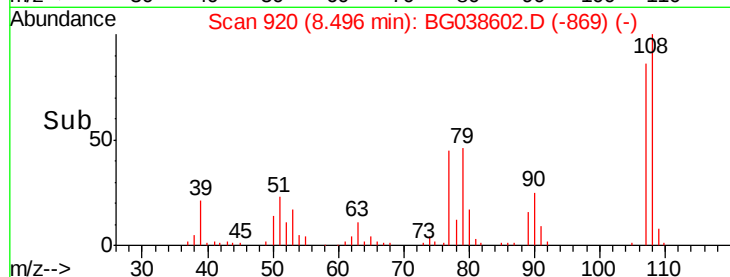
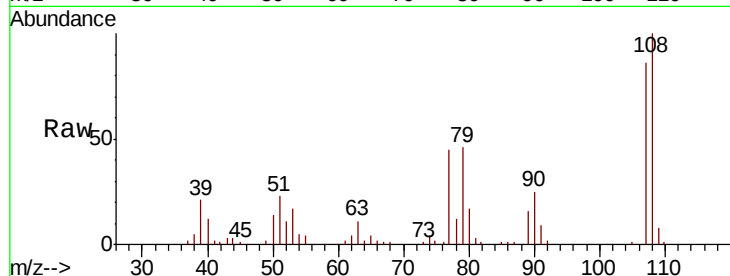




#17
2-Methylphenol
Concen: 44.509 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

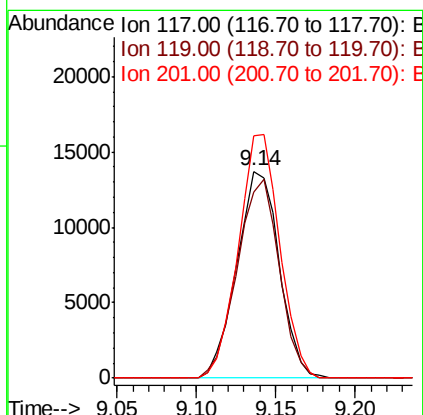
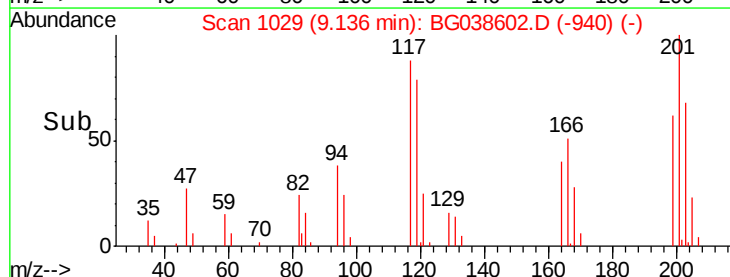
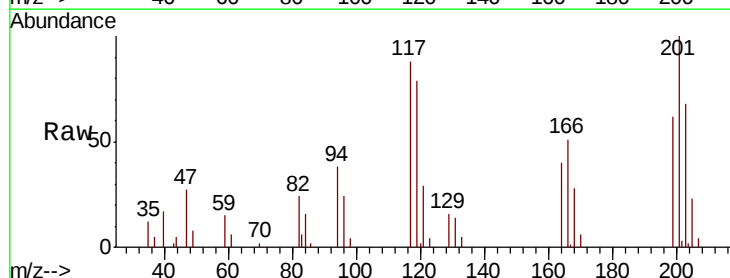
Instrument :
BNA_G
ClientSampleId :
PB115709BS

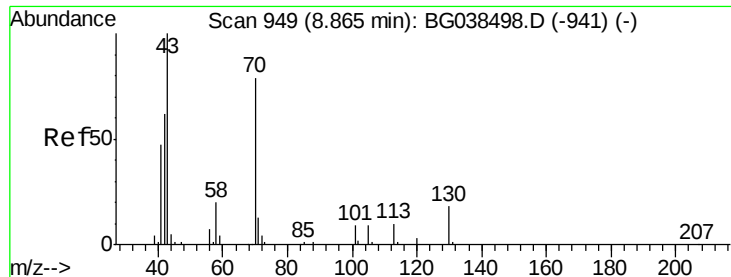
Tgt Ion:107 Resp: 54084
Ion Ratio Lower Upper
107 100
108 116.5 87.1 130.7
77 52.6 42.0 63.0
79 53.1 38.2 57.2



#18
Hexachloroethane
Concen: 39.982 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:117 Resp: 25460
Ion Ratio Lower Upper
117 100
119 90.0 73.8 110.8
201 117.0 89.4 134.0

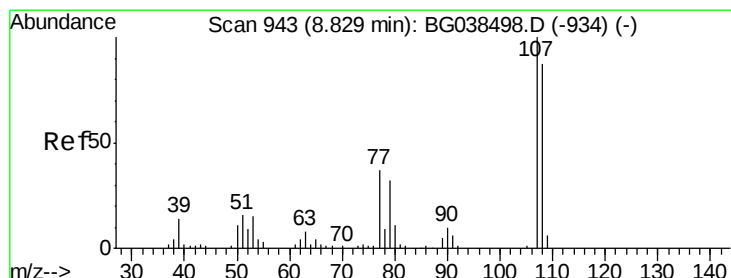
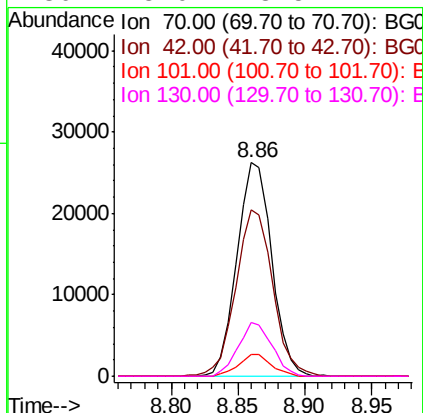
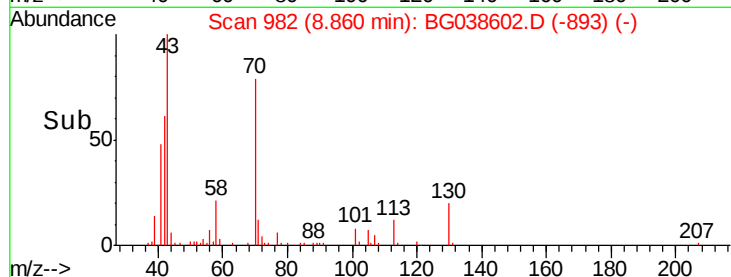
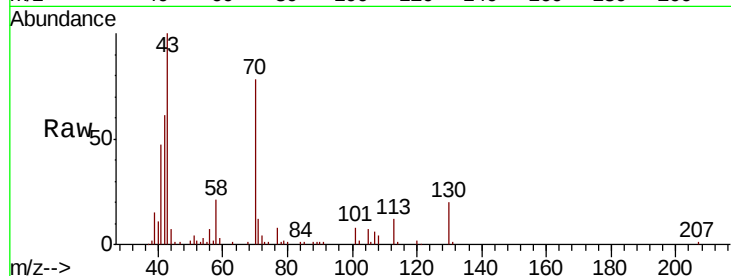




#19
n-Nitroso-di-n-propylamine
Concen: 39.434 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

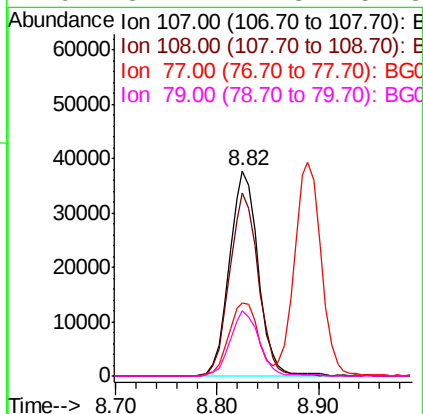
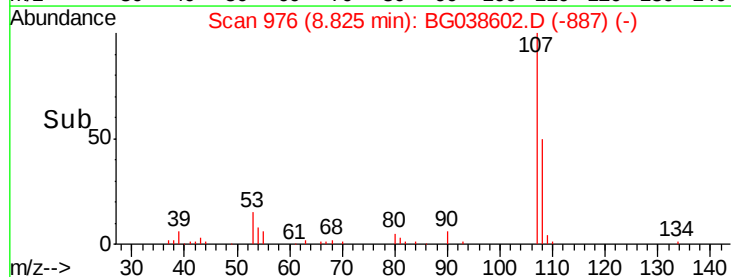
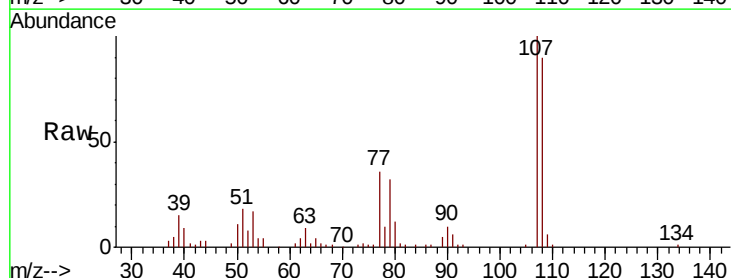
Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion:	70	Resp:	47281
Ion	Ratio	Lower	Upper
70	100		
42	77.6	63.6	95.4
101	10.2	9.2	13.8
130	25.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 44.282 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:	107	Resp:	74311
Ion	Ratio	Lower	Upper
107	100		
108	89.5	66.7	106.7
77	35.7	17.3	57.3
79	31.7	12.3	52.3

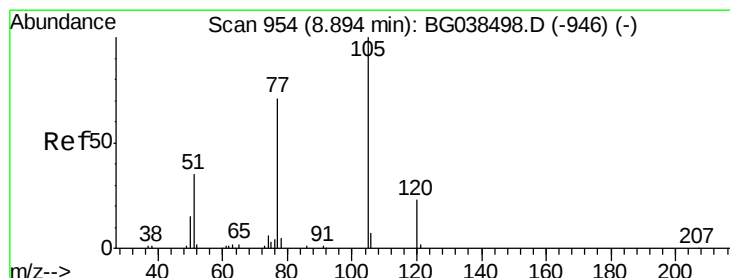
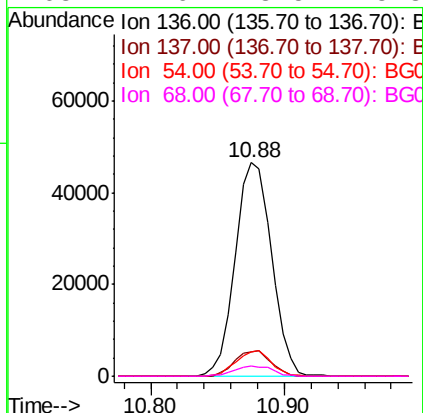
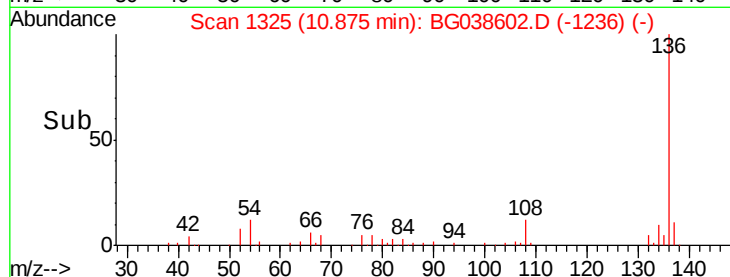
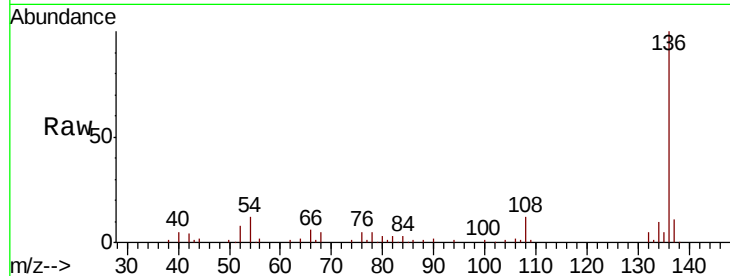




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

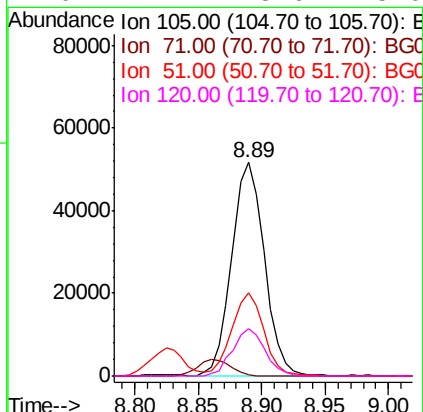
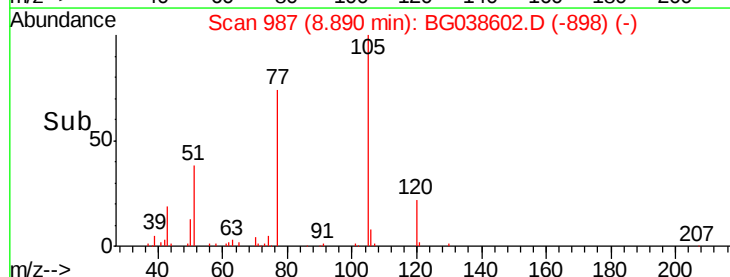
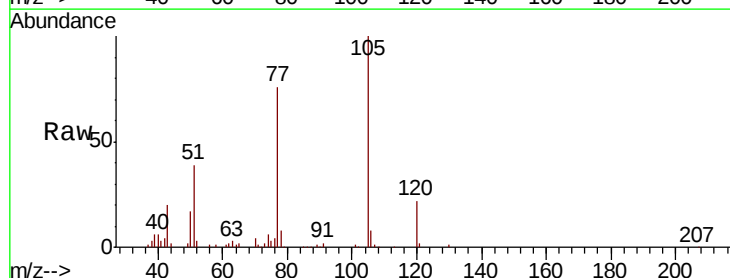
Instrument :
BNA_G
ClientSampleId :
PB115709BS

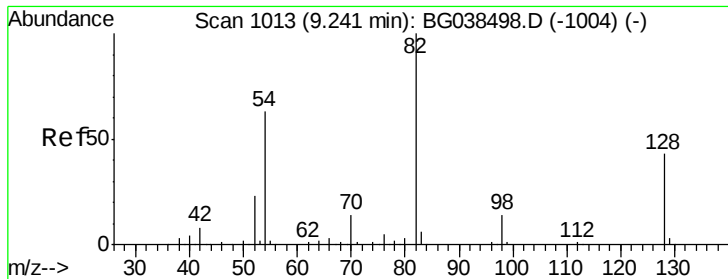
Tgt Ion:	136	Resp:	87823
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.6	8.5	12.7
68	4.6	3.5	5.3



#22
Acetophenone
Concen: 42.097 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:	105	Resp:	92346
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	38.8	30.6	46.0
120	22.2	18.6	28.0

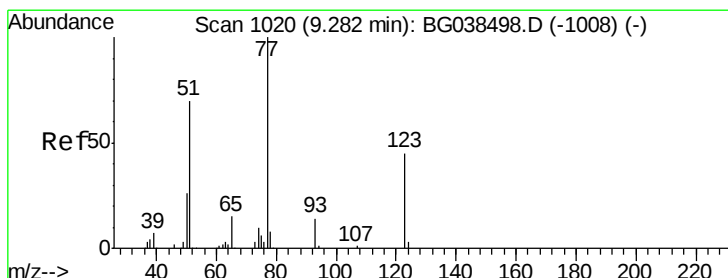
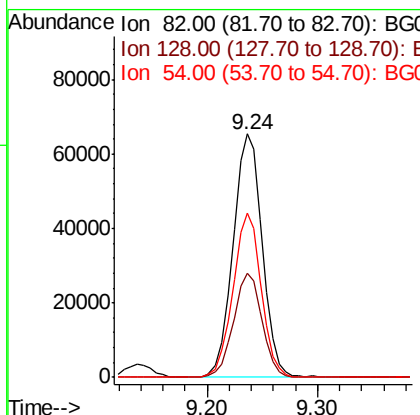
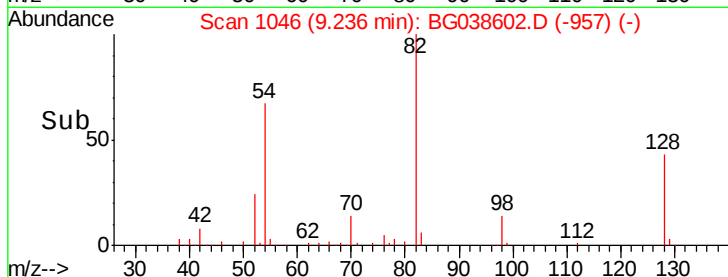
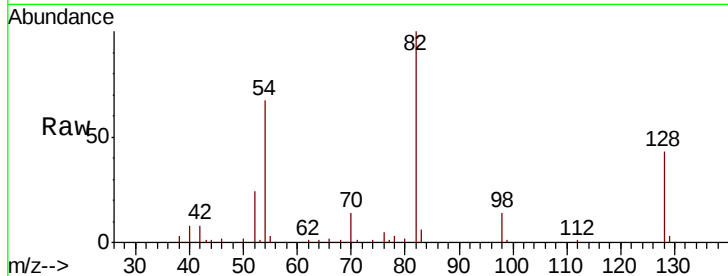




#23
 Nitrobenzene-d5
 Concen: 70.234 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

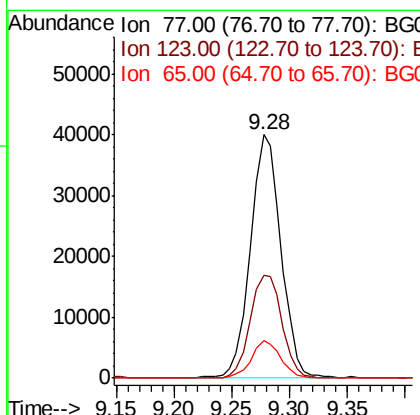
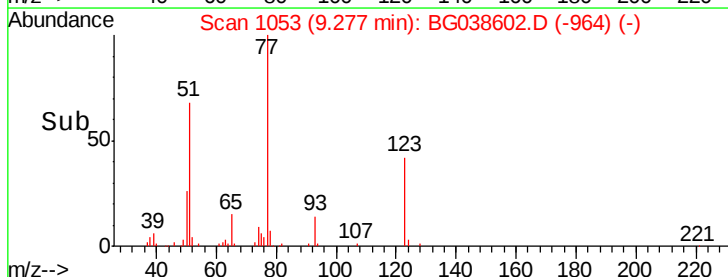
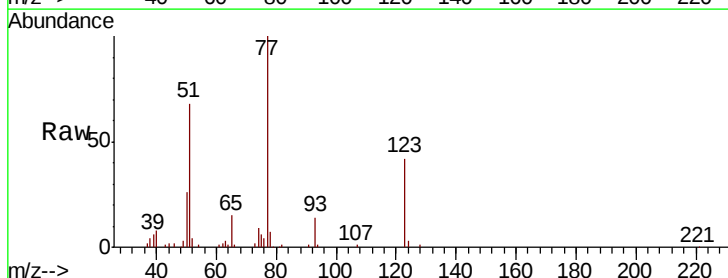
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

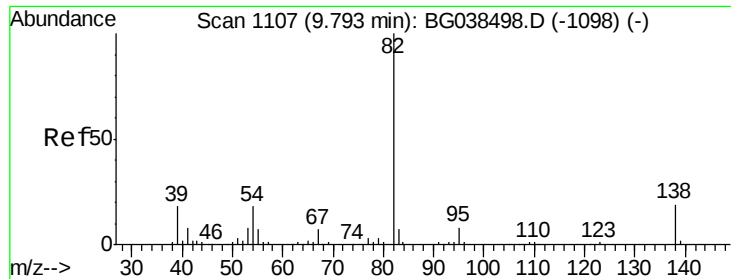
Tgt Ion: 82 Resp: 120738
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 52.0
 54 67.4 50.6 76.0



#24
 Nitrobenzene
 Concen: 42.419 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion: 77 Resp: 73769
 Ion Ratio Lower Upper
 77 100
 123 42.3 35.9 53.9
 65 15.4 12.0 18.0





#25

Isophorone

Concen: 42.573 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

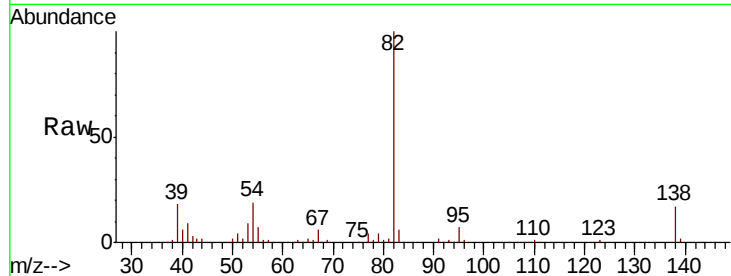
Tgt Ion: 82 Resp: 131494

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

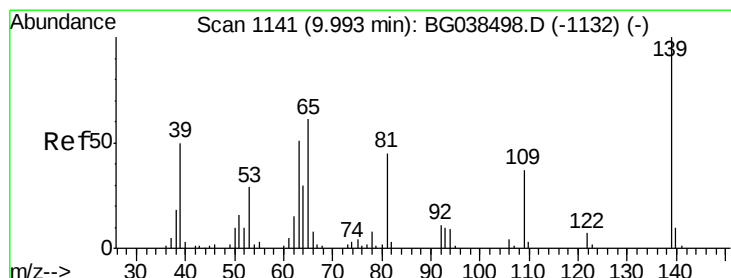
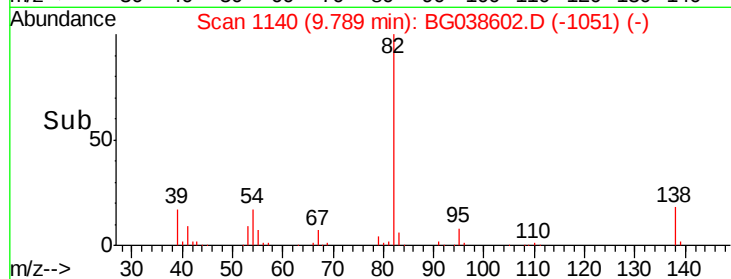
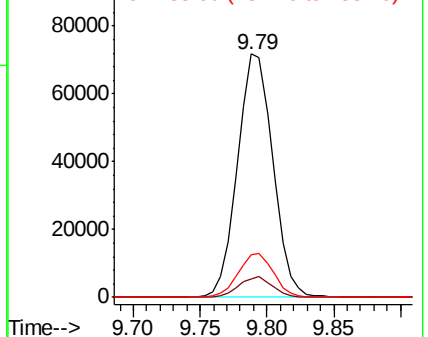
138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BG038602.D (-1051) (-)

Ion 95.00 (94.70 to 95.70): BG038602.D (-1051) (-)

Ion 138.00 (137.70 to 138.70): BG038602.D (-1051) (-)



#26

2-Nitrophenol

Concen: 39.690 ng

RT: 9.99 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

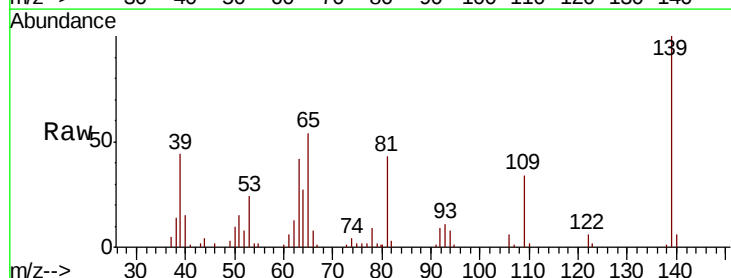
Tgt Ion: 139 Resp: 35328

Ion Ratio Lower Upper

139 100

109 34.1 29.5 44.3

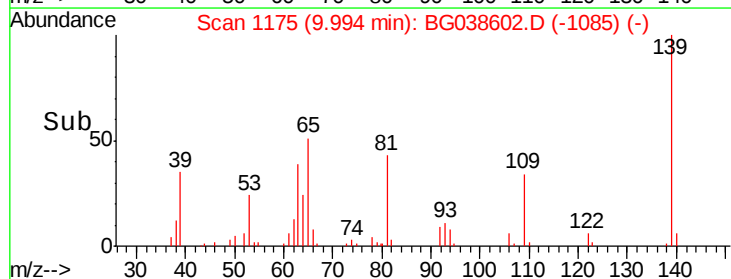
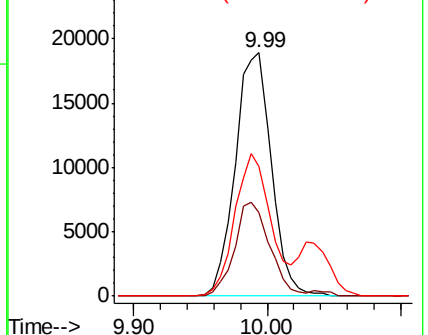
65 53.5 48.5 72.7



Abundance Ion 139.00 (138.70 to 139.70): BG038602.D (-1085) (-)

Ion 109.00 (108.70 to 109.70): BG038602.D (-1085) (-)

Ion 65.00 (64.70 to 65.70): BG038602.D (-1085) (-)

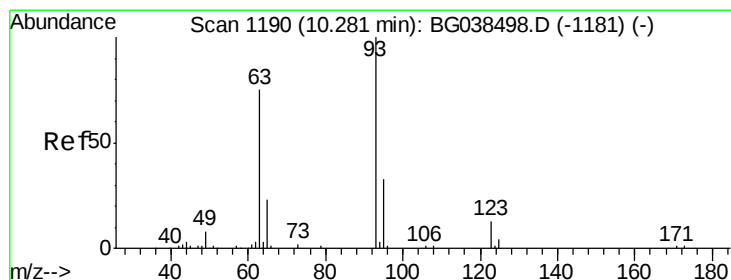
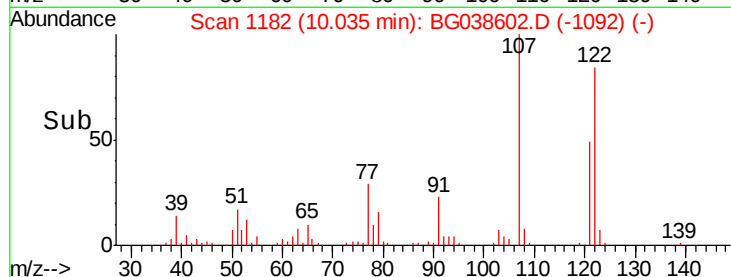
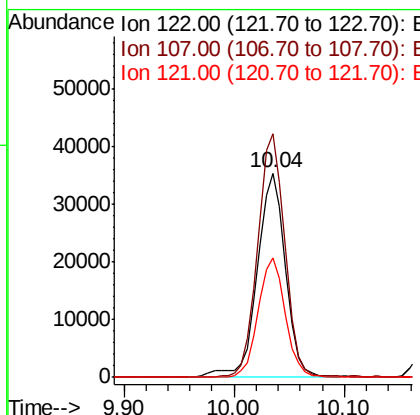
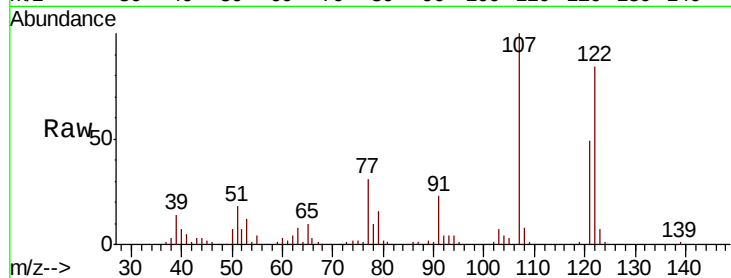




#27
2,4-Dimethylphenol
Concen: 49.692 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

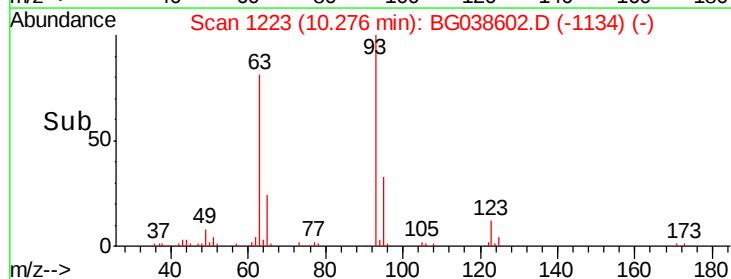
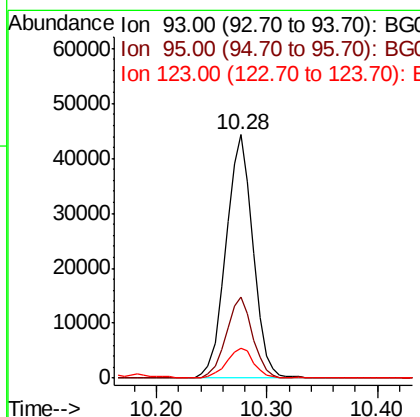
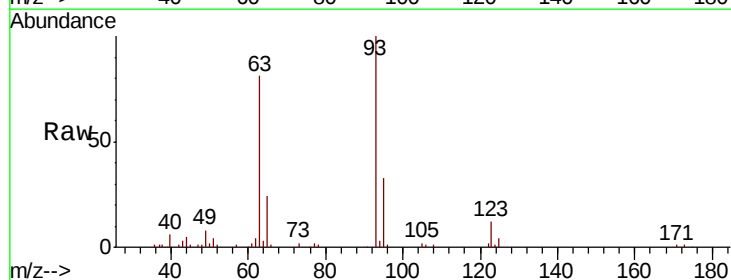
Instrument :
BNA_G
ClientSampled :
PB115709BS

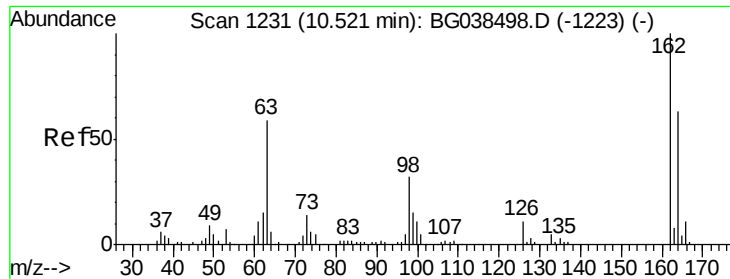
Tgt Ion:122 Resp: 63390
Ion Ratio Lower Upper
122 100
107 119.2 98.4 147.6
121 58.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.559 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion: 93 Resp: 75926
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.2 10.6 16.0

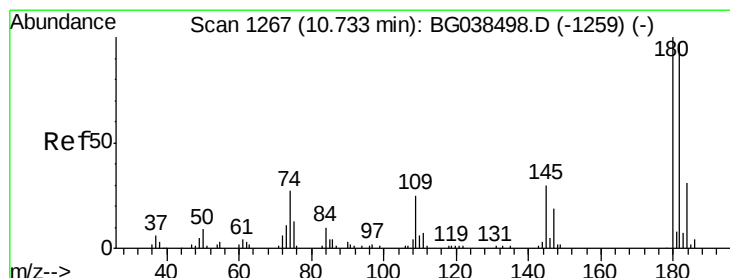
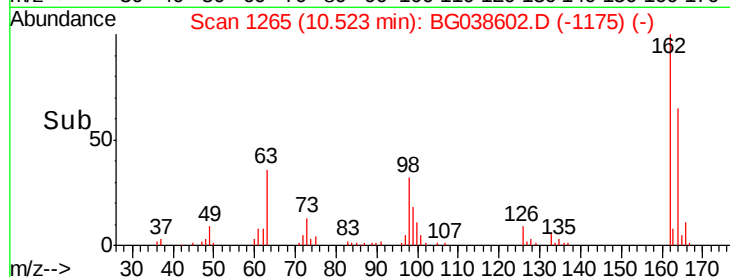
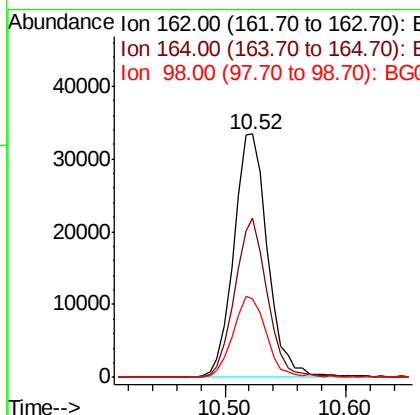
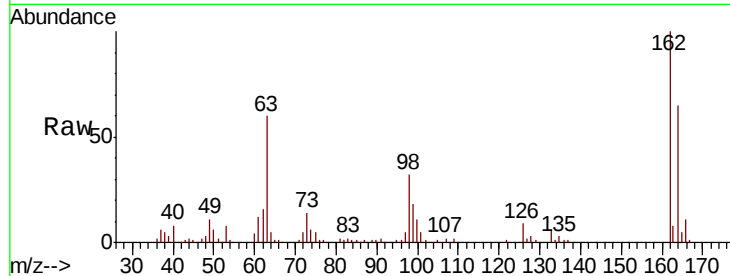




#29
 2,4-Dichlorophenol
 Concen: 46.007 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

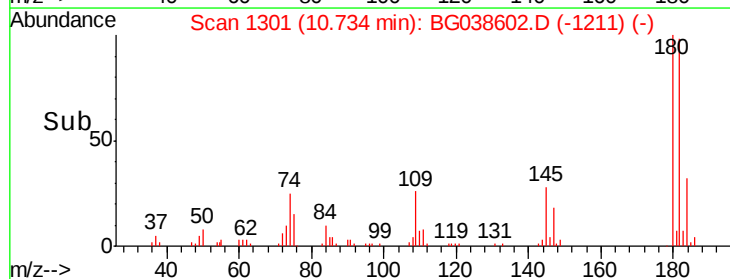
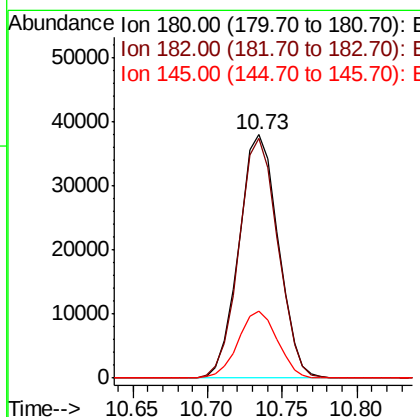
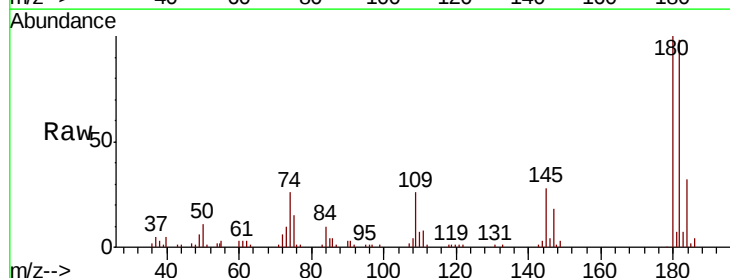
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

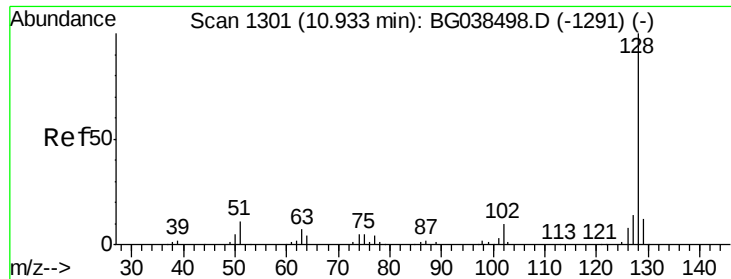
Tgt Ion:162 Resp: 65290
 Ion Ratio Lower Upper
 162 100
 164 65.4 42.9 82.9
 98 32.0 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.477 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:180 Resp: 69386
 Ion Ratio Lower Upper
 180 100
 182 98.4 77.4 116.0
 145 27.6 24.1 36.1

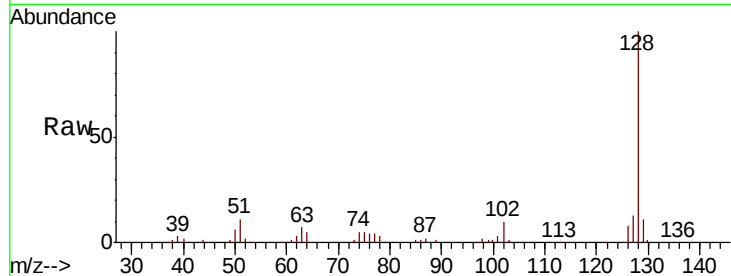




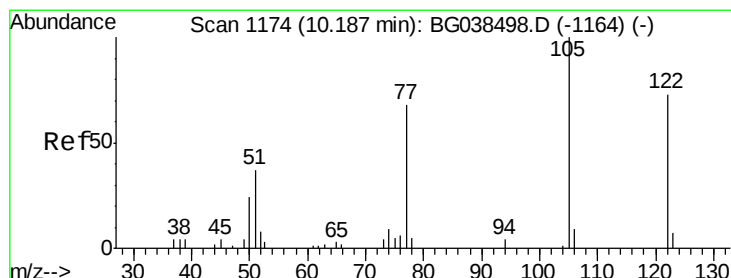
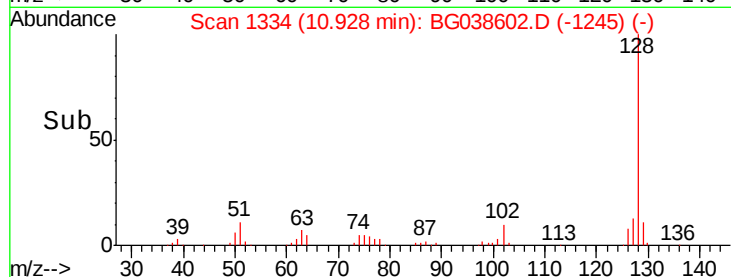
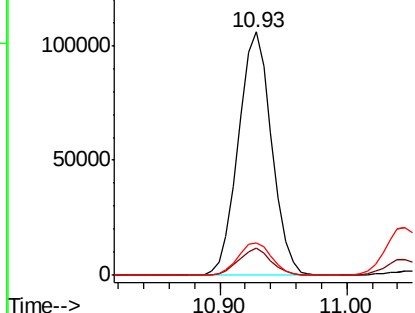
#31
Naphthalene
Concen: 44.397 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion:128 Resp: 192110
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.1 10.9 16.3

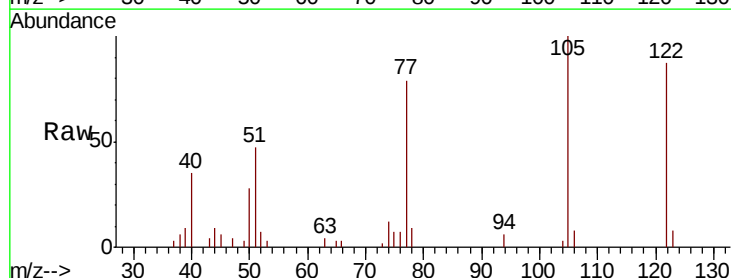


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

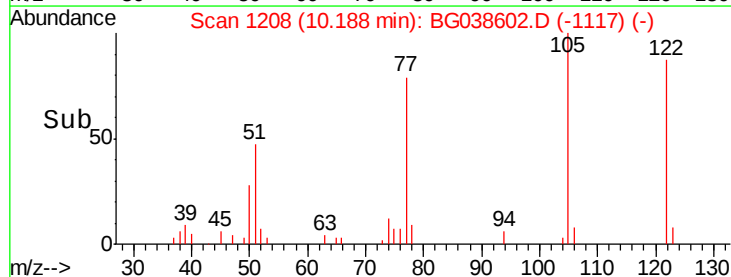
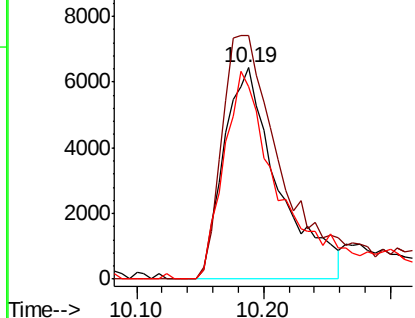


#32
Benzoic acid
Concen: 28.971 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:122 Resp: 19332
Ion Ratio Lower Upper
122 100
105 115.2 116.7 156.7#
77 91.3 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

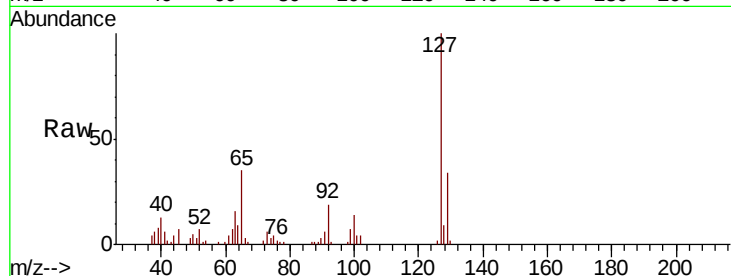




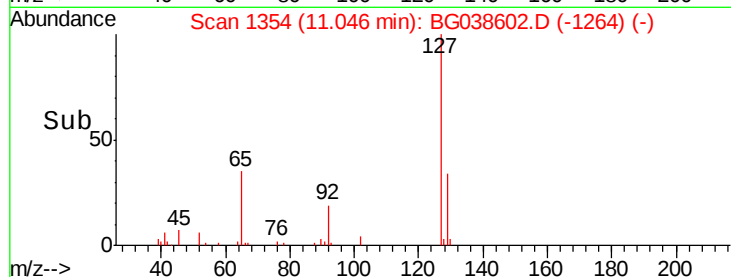
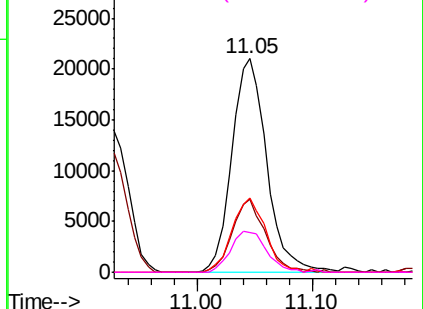
#33
4-Chloroaniline
Concen: 23.434 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion:	127	Resp:	44024
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	34.9	27.8	41.6
92	18.6	17.0	25.6

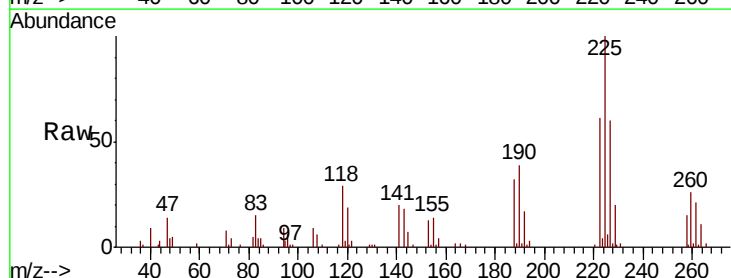


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

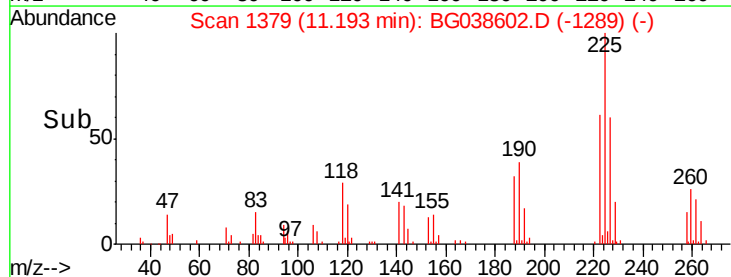
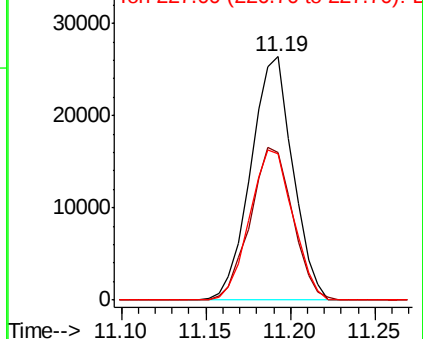


#34
Hexachlorobutadiene
Concen: 39.165 ng
RT: 11.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:	225	Resp:	45428
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: 20.472 ng

RT: 11.83 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

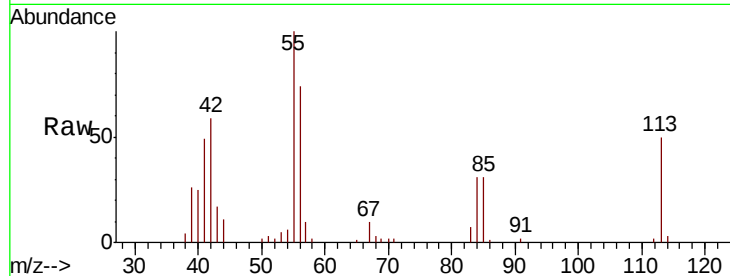
Tgt Ion:113 Resp: 12023

Ion Ratio Lower Upper

113 100

55 200.3 204.3 244.3#

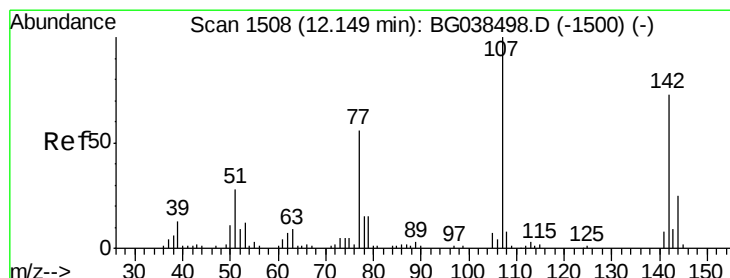
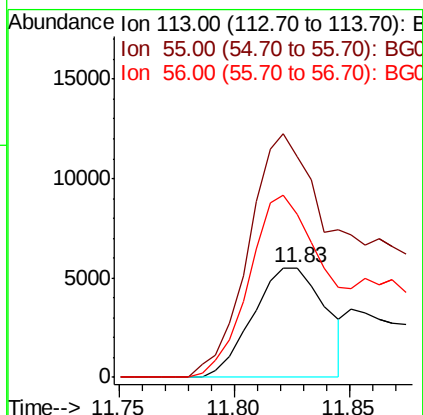
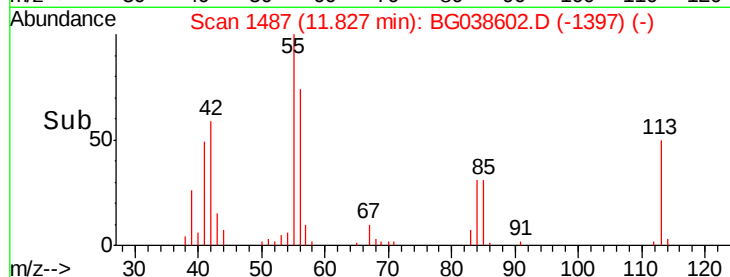
56 148.8 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.834 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

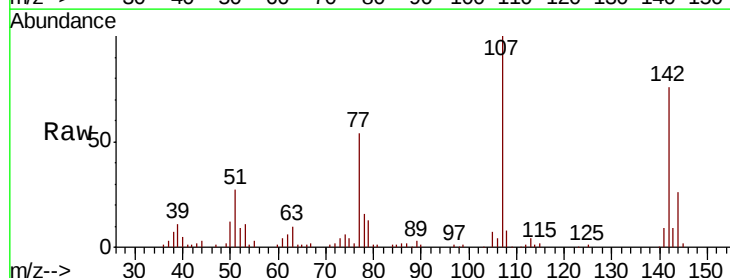
Tgt Ion:107 Resp: 67749

Ion Ratio Lower Upper

107 100

144 26.1 20.1 30.1

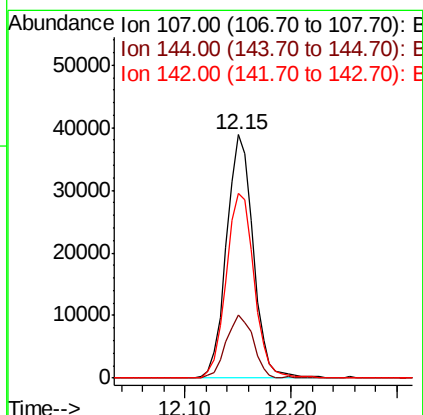
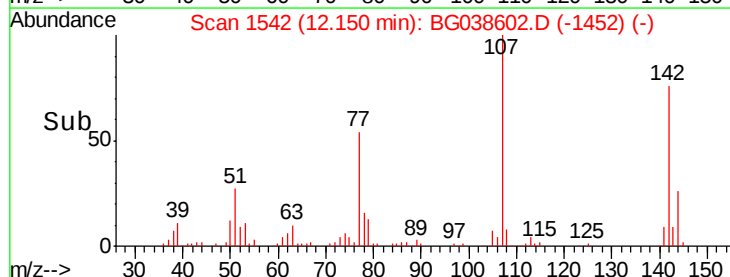
142 76.1 58.7 88.1

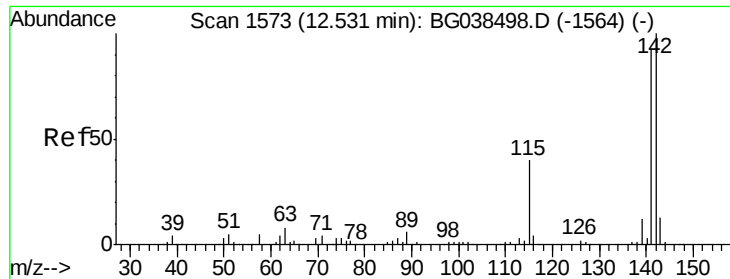


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

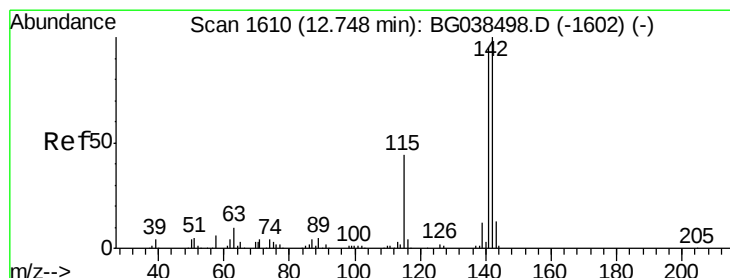
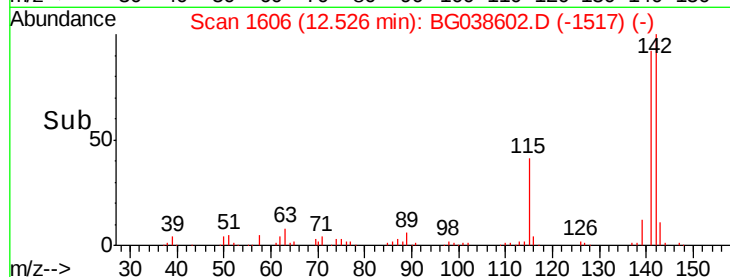
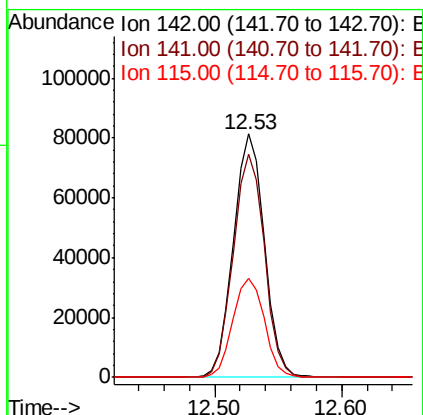
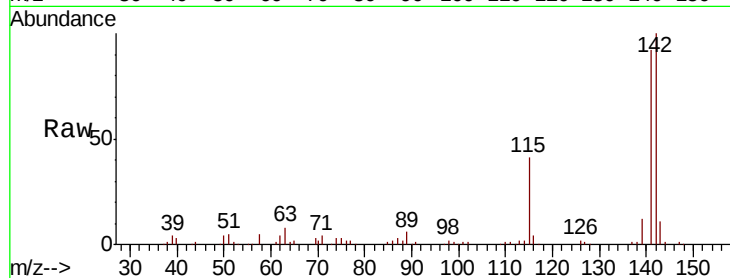




#37
 2-Methylnaphthalene
 Concen: 44.513 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

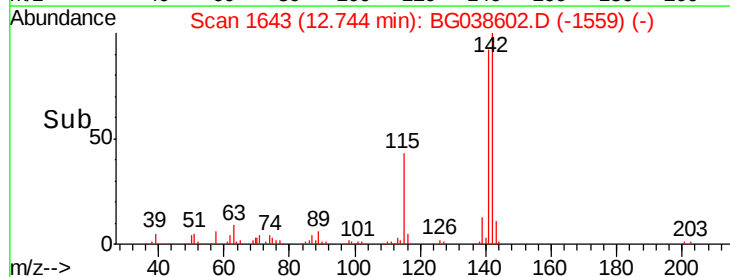
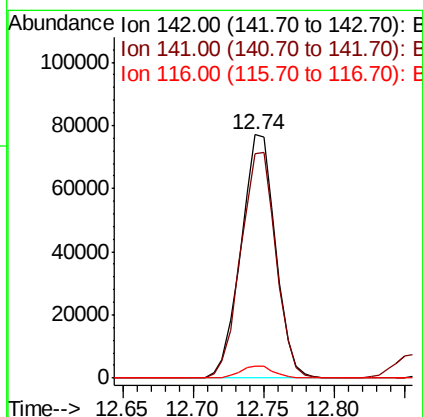
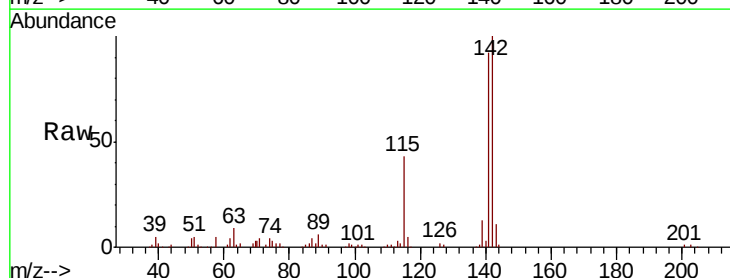
Instrument :
 BNA_G
 ClientSampleID :
 PB115709BS

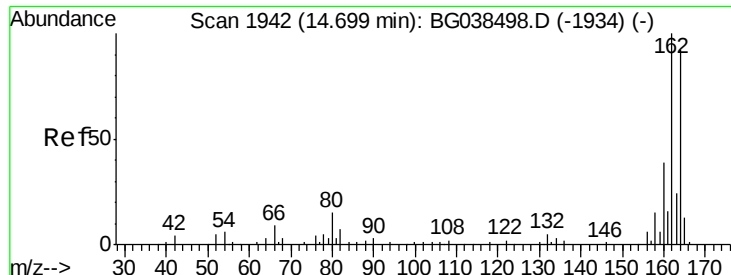
Tgt Ion:142 Resp: 137413
 Ion Ratio Lower Upper
 142 100
 141 91.8 73.5 110.3
 115 40.9 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 44.014 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:142 Resp: 131846
 Ion Ratio Lower Upper
 142 100
 141 92.2 75.8 113.8
 116 5.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

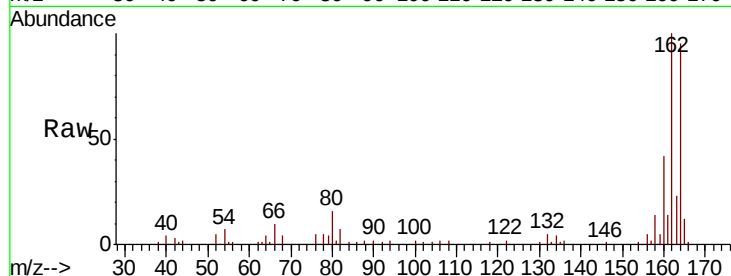
Tgt Ion:164 Resp: 55892

Ion Ratio Lower Upper

164 100

162 105.1 86.6 130.0

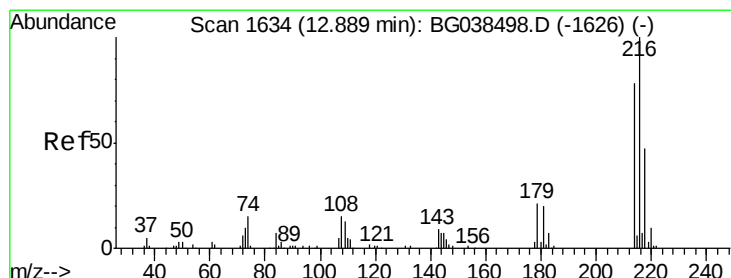
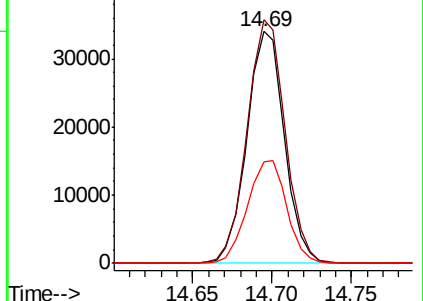
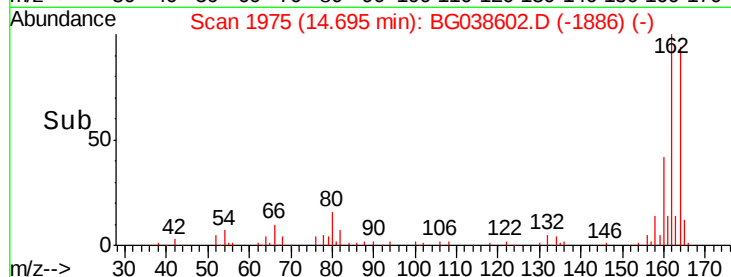
160 43.9 34.2 51.2



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: 39.082 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Tgt Ion:216 Resp: 81650

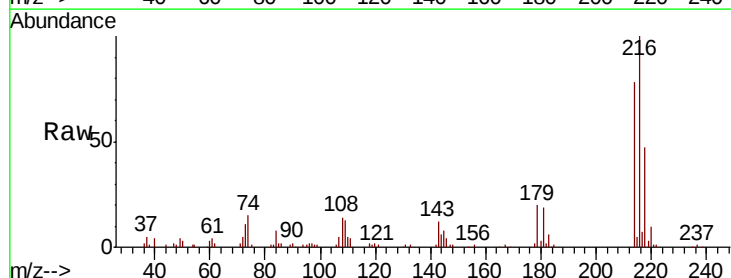
Ion Ratio Lower Upper

216 100

214 80.0 64.1 96.1

179 20.2 16.4 24.6

108 19.4 13.9 20.9

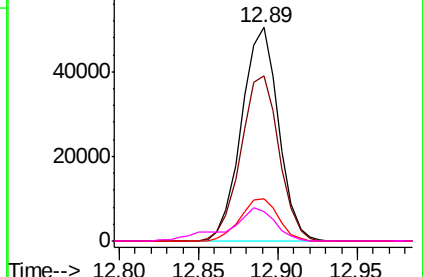
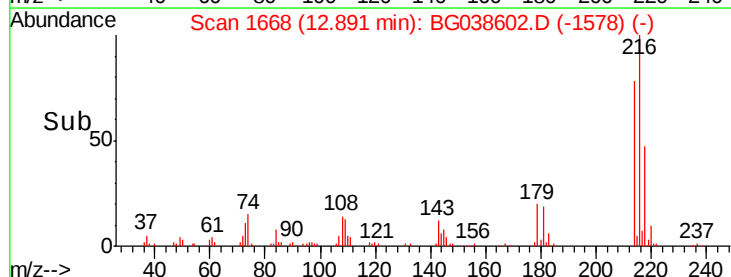


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.808 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

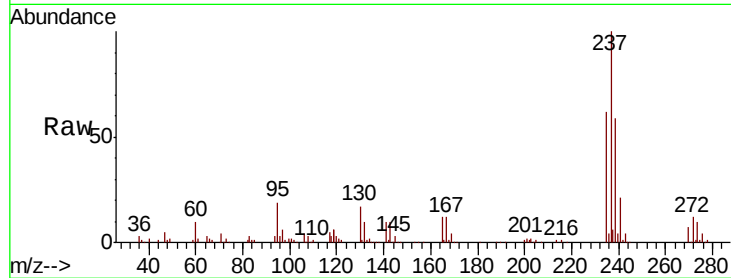
Tgt Ion:237 Resp: 114560

Ion Ratio Lower Upper

237 100

235 62.1 38.8 78.8

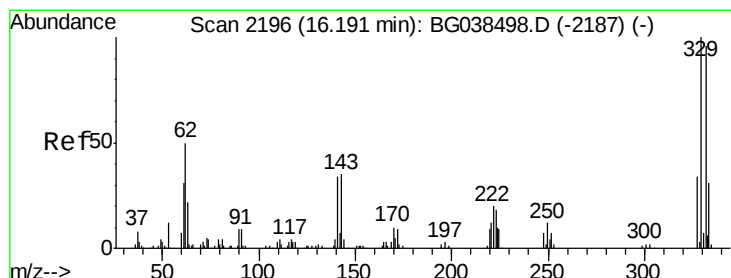
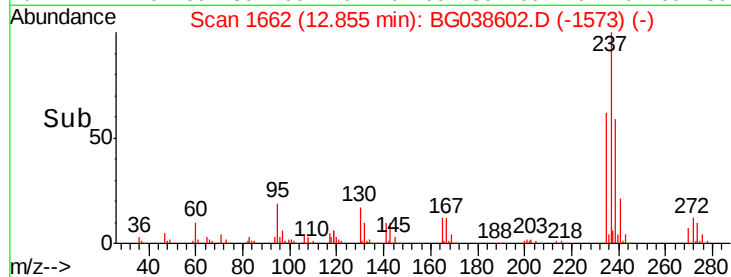
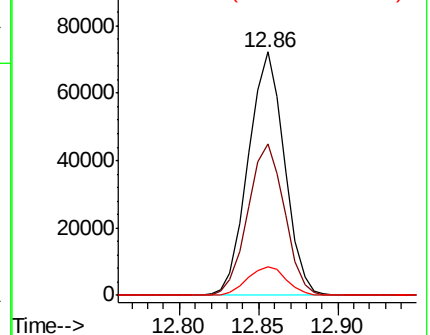
272 11.9 0.0 32.0



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: 117.013 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

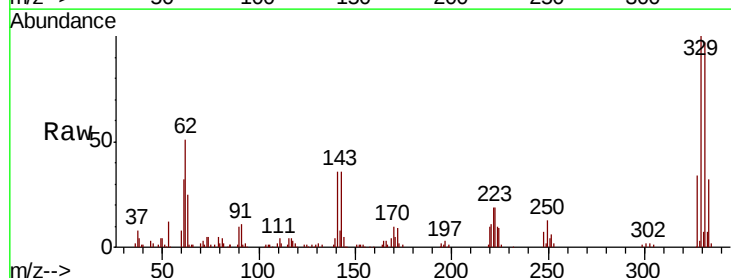
Tgt Ion:330 Resp: 90134

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

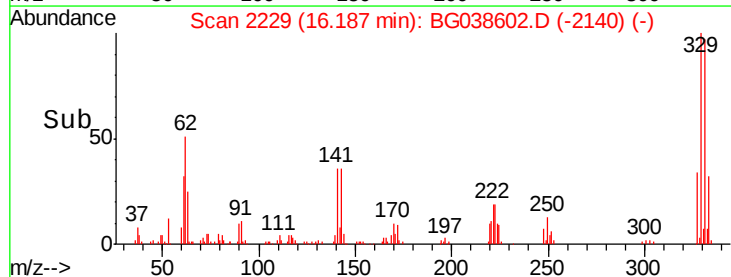
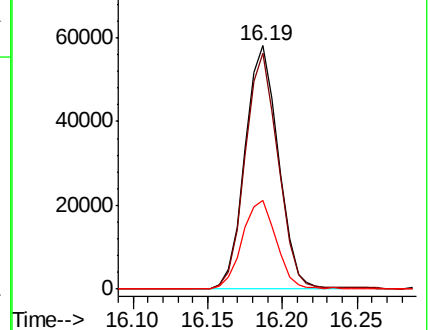
141 37.1 28.8 43.2



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

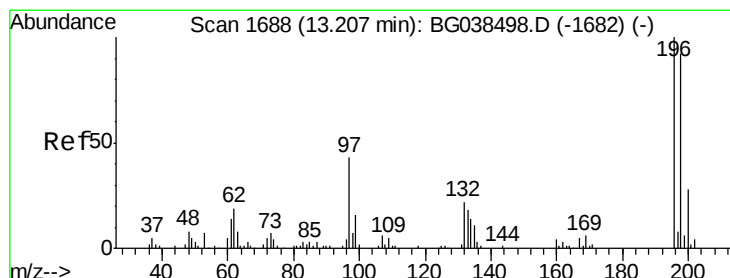
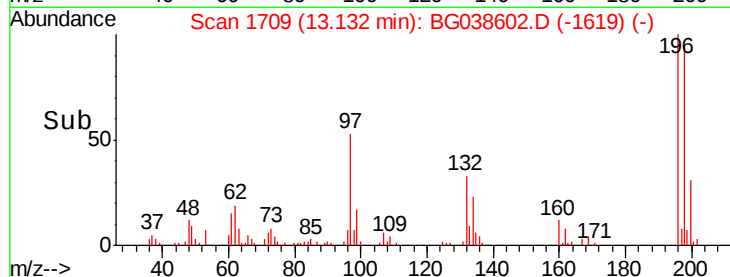
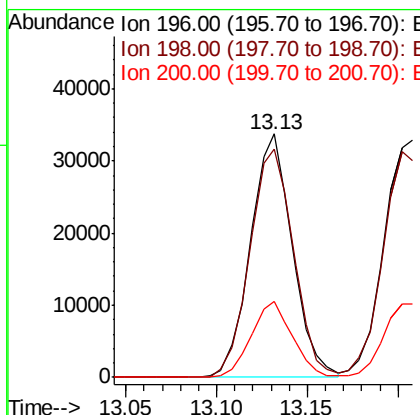
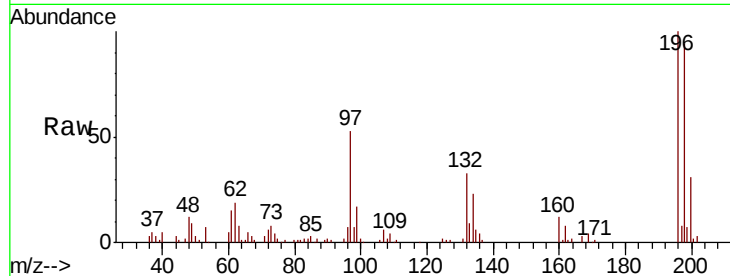




#43
 2,4,6-Trichlorophenol
 Concen: 42.083 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

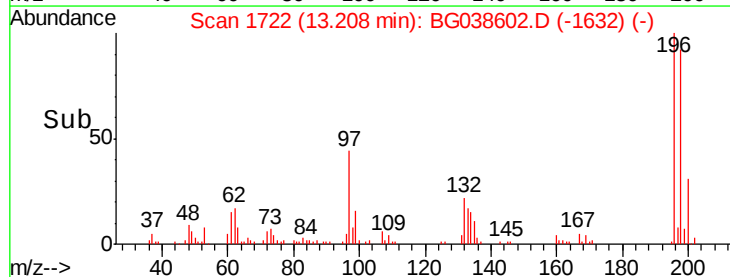
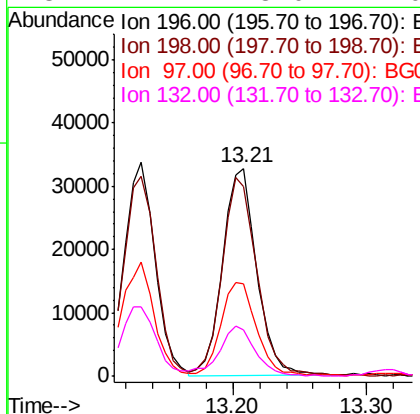
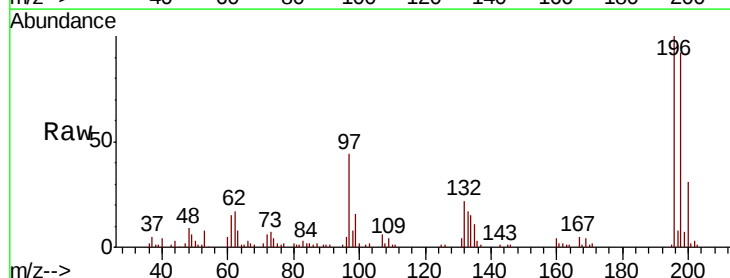
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

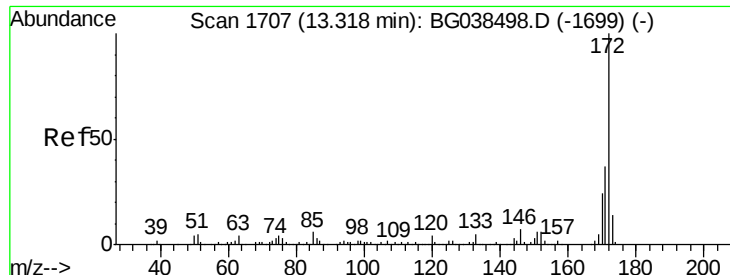
Tgt Ion:196 Resp: 54059
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.0 112.4
 200 33.1 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.941 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:196 Resp: 58403
 Ion Ratio Lower Upper
 196 100
 198 91.6 74.0 111.0
 97 44.2 35.1 52.7
 132 22.4 18.0 27.0

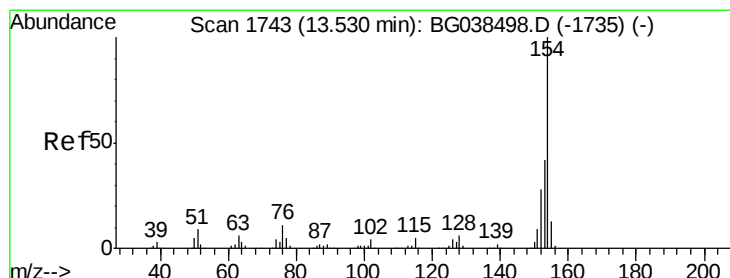
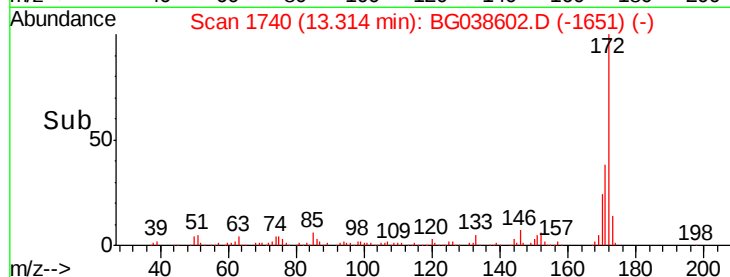
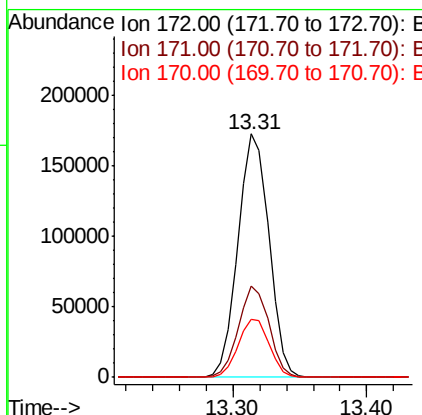
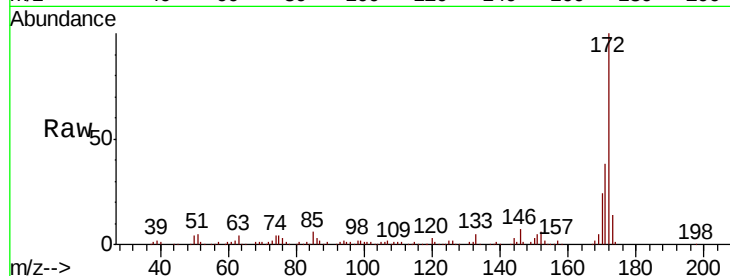




#45
2-Fluorobiphenyl
Concen: 67.992 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

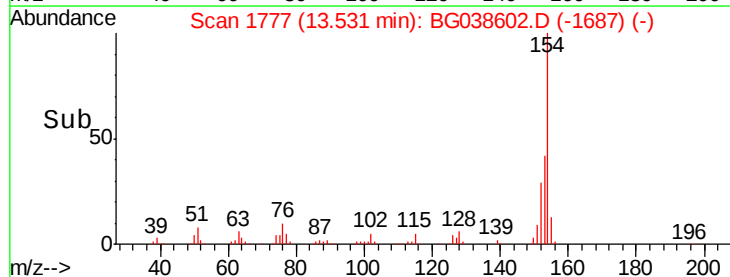
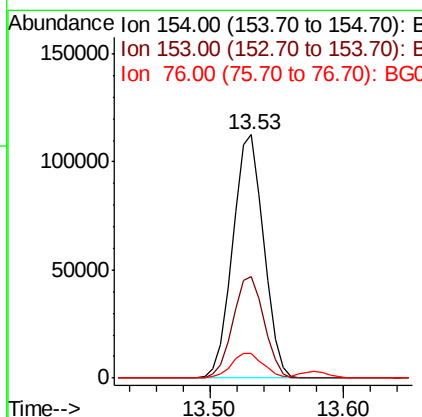
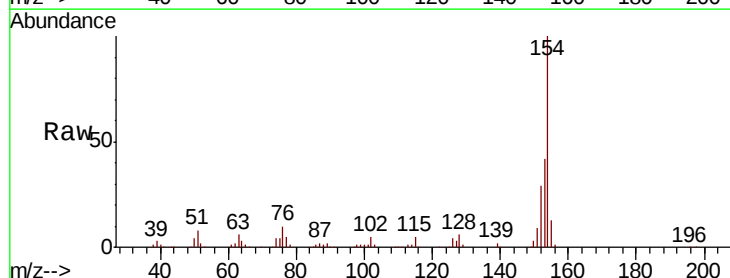
Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion:172 Resp: 277012
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 23.8 19.5 29.3



#46
1,1'-Biphenyl
Concen: 38.766 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:154 Resp: 181642
Ion Ratio Lower Upper
154 100
153 41.9 22.1 62.1
76 10.1 0.0 31.2

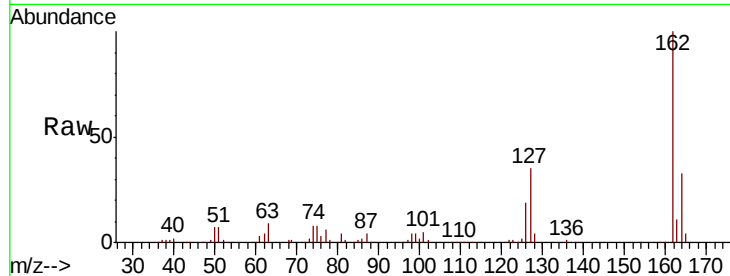




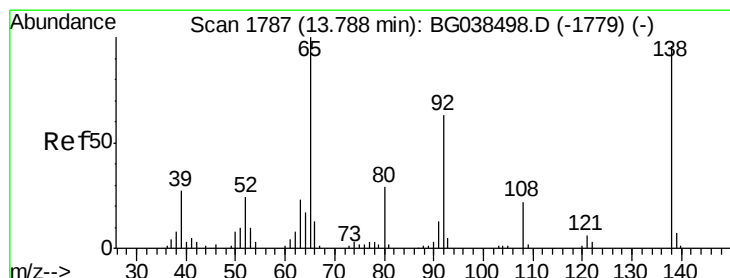
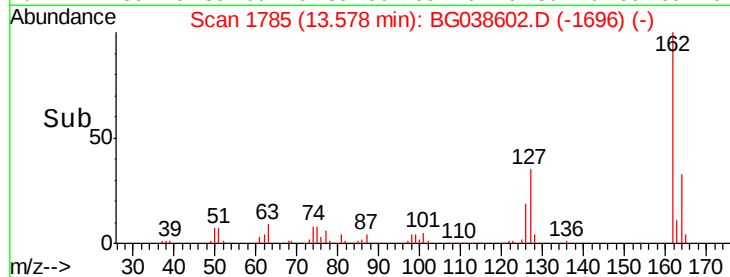
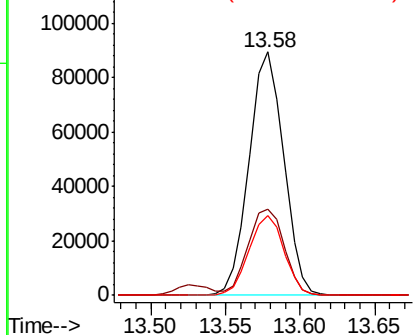
#47
 2-Chloronaphthalene
 Concen: 39.717 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion: 162 Resp: 143749
 Ion Ratio Lower Upper
 162 100
 127 35.2 27.8 41.8
 164 32.6 26.9 40.3

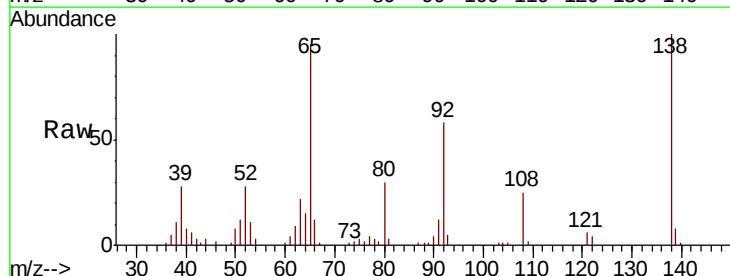


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

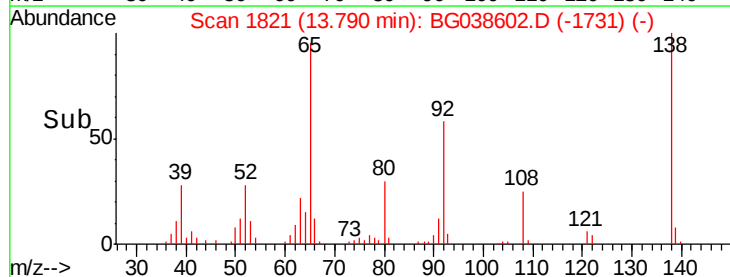
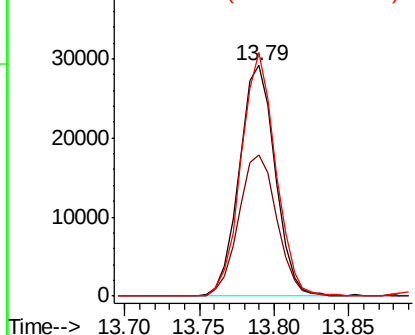


#48
 2-Nitroaniline
 Concen: 42.048 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion: 65 Resp: 48475
 Ion Ratio Lower Upper
 65 100
 92 61.1 50.0 75.0
 138 105.7 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: 43.704 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

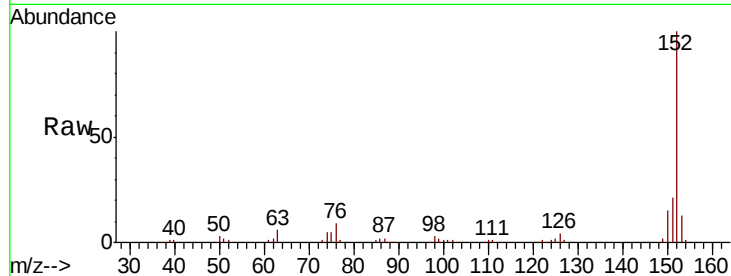
Tgt Ion:152 Resp: 236473

Ion Ratio Lower Upper

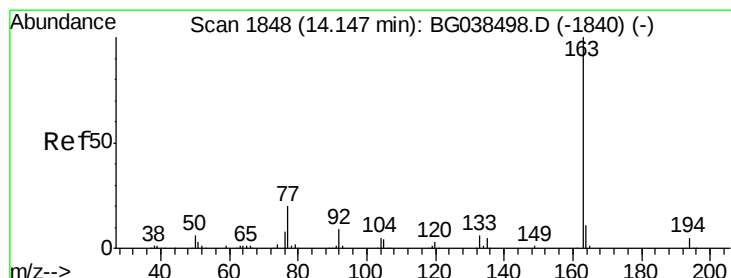
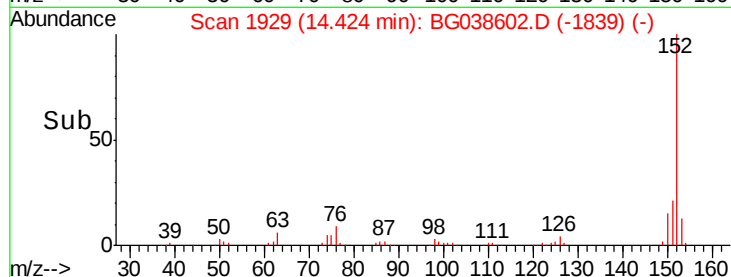
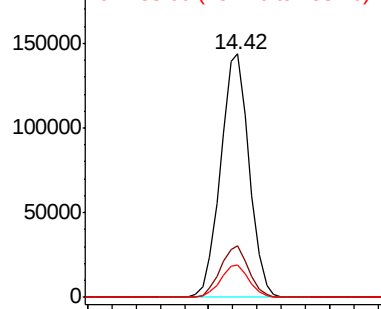
152 100

151 21.1 16.4 24.6

153 13.3 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: 42.618 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

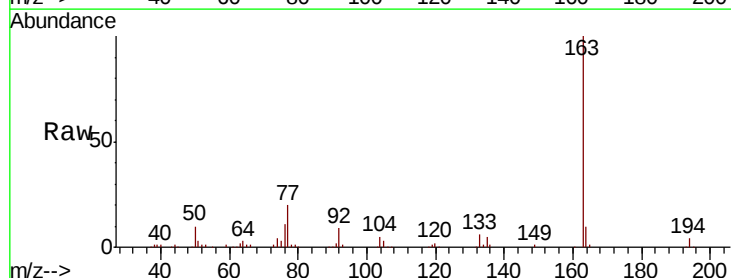
Tgt Ion:163 Resp: 194521

Ion Ratio Lower Upper

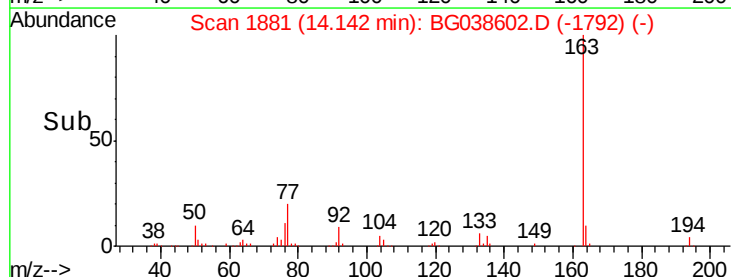
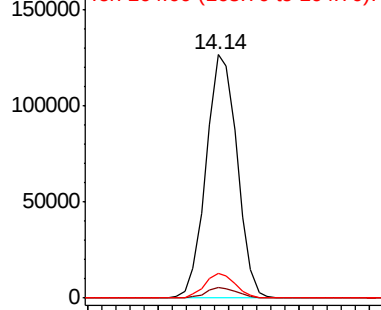
163 100

194 4.2 3.7 5.5

164 10.2 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

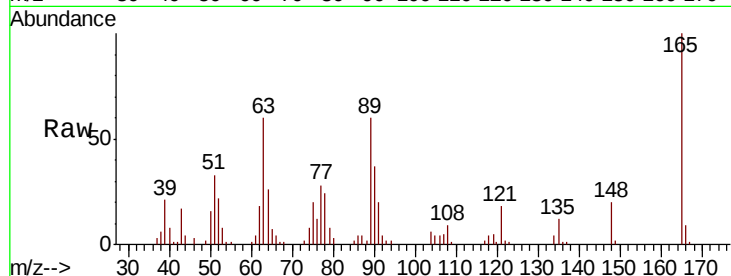




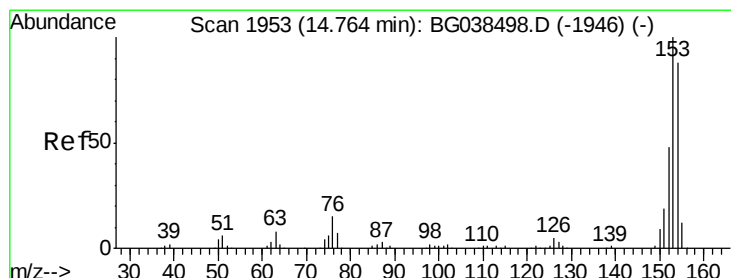
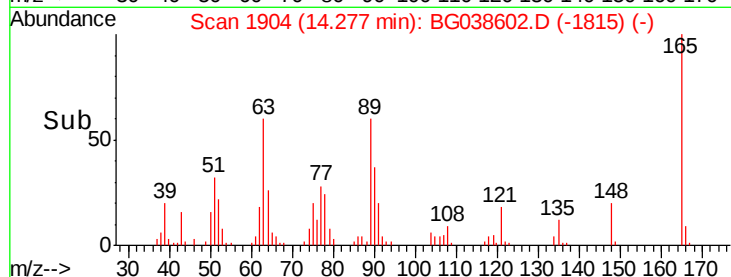
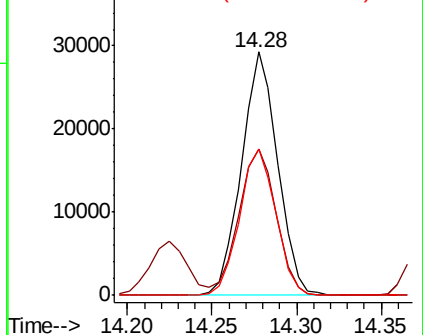
#51
 2,6-Dinitrotoluene
 Concen: 42.061 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion:165 Resp: 43506
 Ion Ratio Lower Upper
 165 100
 63 60.3 51.8 77.6
 89 60.3 47.9 71.9

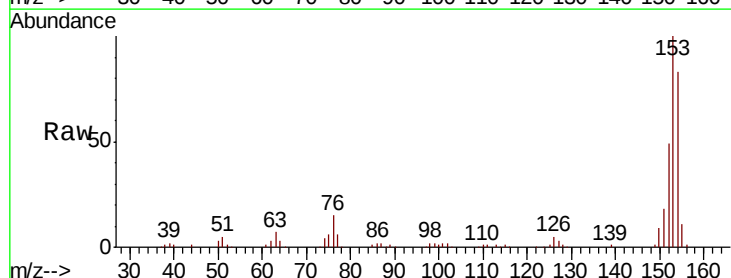


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

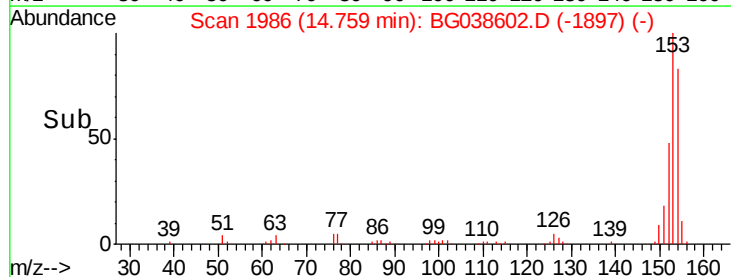
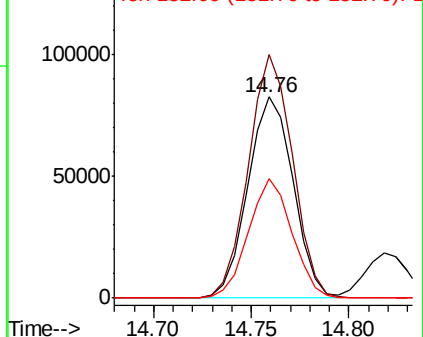


#52
 Acenaphthene
 Concen: 41.151 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:154 Resp: 133142
 Ion Ratio Lower Upper
 154 100
 153 121.1 90.6 136.0
 152 59.3 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: 30.214 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

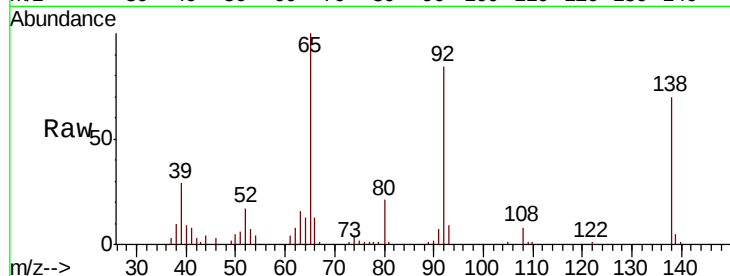
Tgt Ion:138 Resp: 31858

Ion Ratio Lower Upper

138 100

108 11.0 7.9 11.9

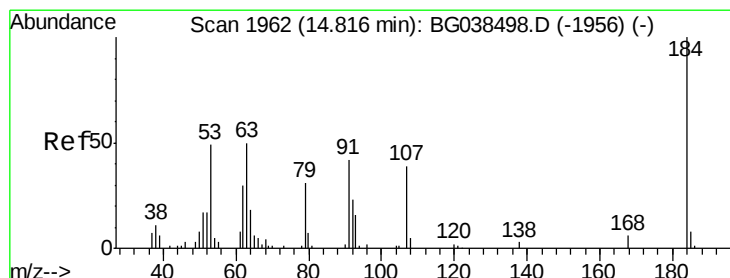
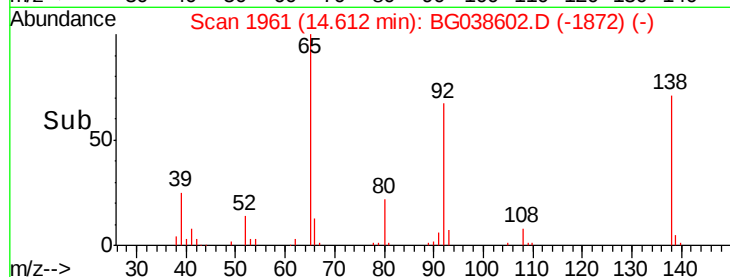
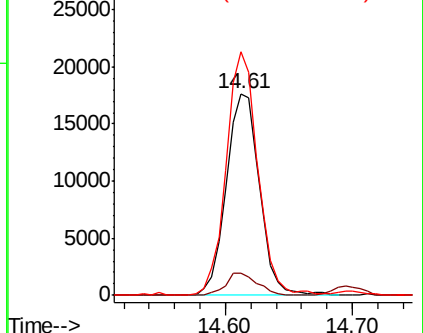
92 120.9 95.3 142.9



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: 77.641 ng

RT: 14.82 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

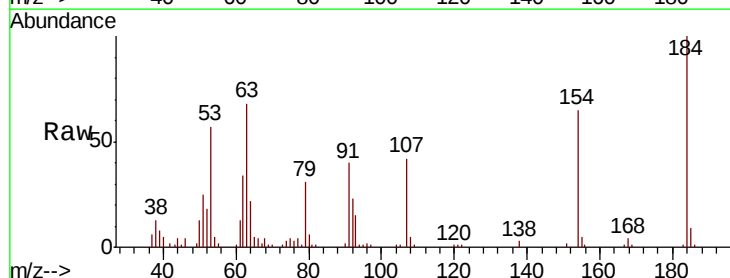
Tgt Ion:184 Resp: 47683

Ion Ratio Lower Upper

184 100

63 68.4 47.0 70.6

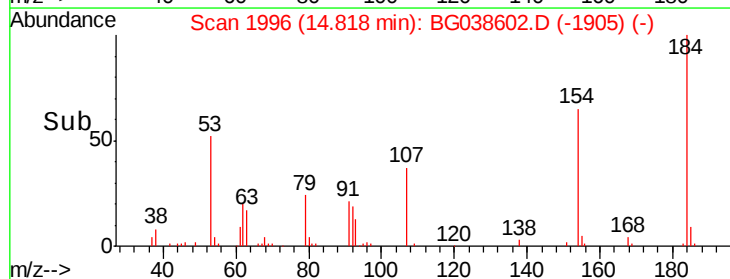
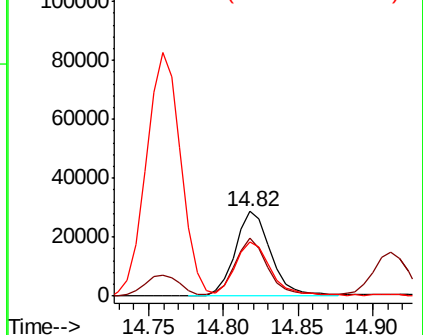
154 64.7 50.3 75.5

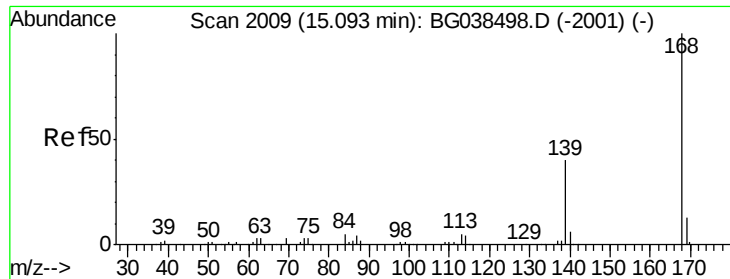


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

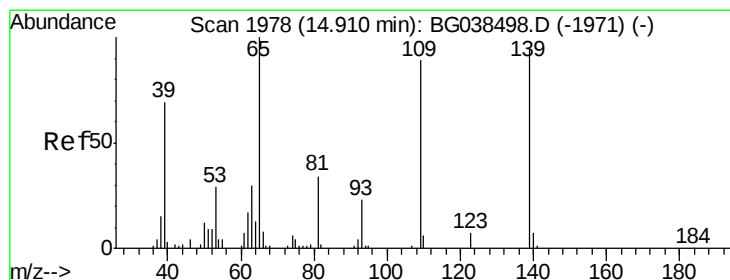
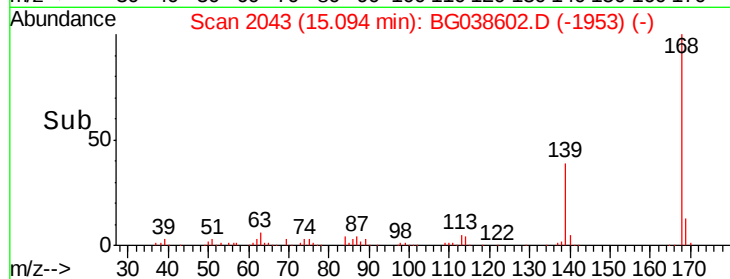
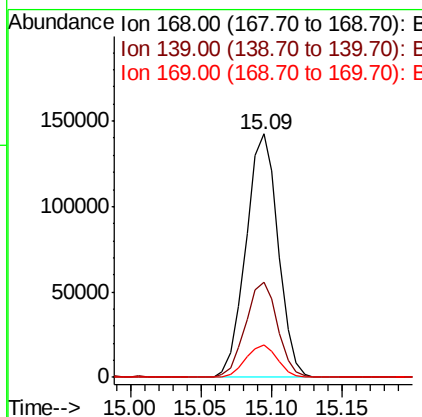
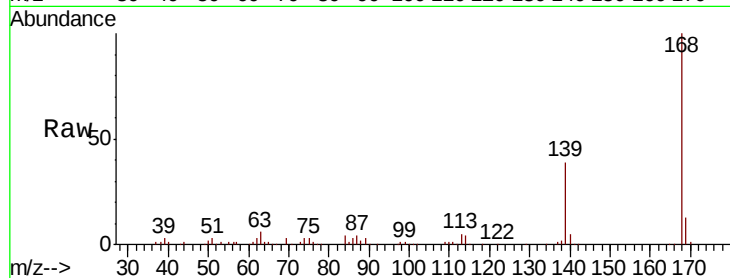




#55
Dibenzenofuran
Concen: 41.067 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

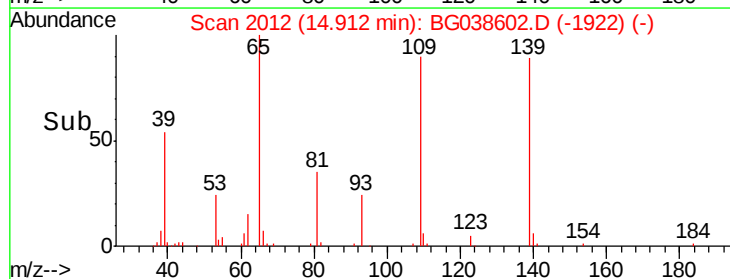
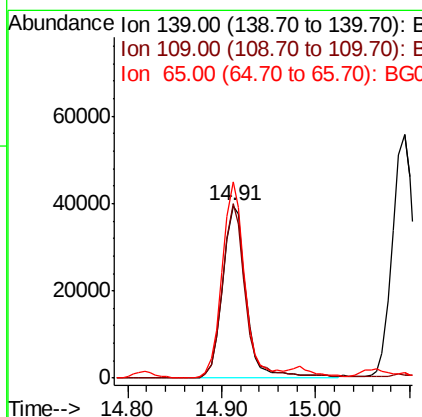
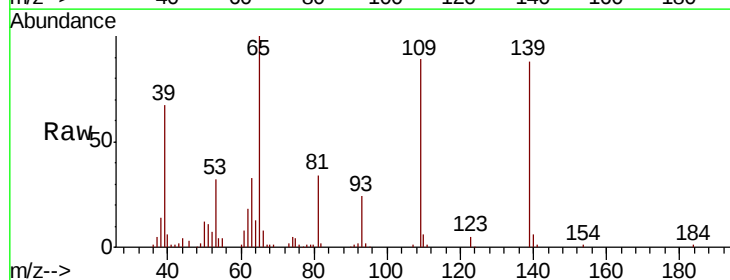
Instrument :
BNA_G
ClientSampleId :
PB115709BS

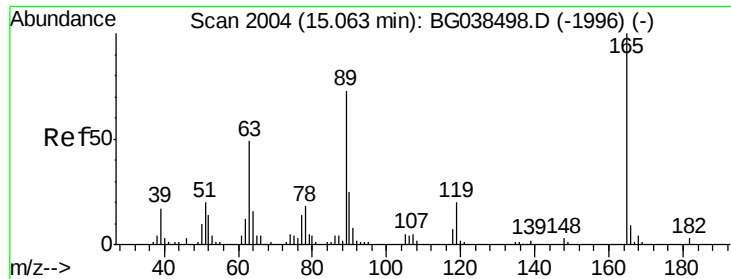
Tgt Ion:168 Resp: 227758
Ion Ratio Lower Upper
168 100
139 39.1 32.2 48.2
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 86.833 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:139 Resp: 69457
Ion Ratio Lower Upper
139 100
109 101.4 73.6 113.6
65 114.2 84.8 124.8

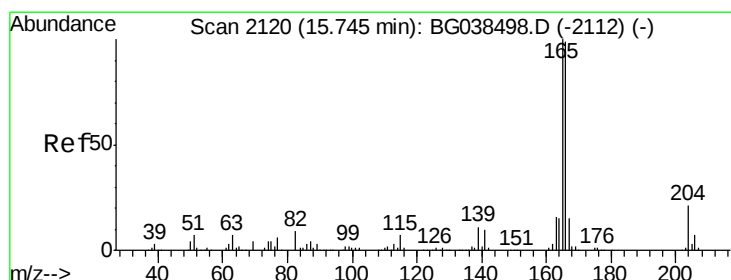
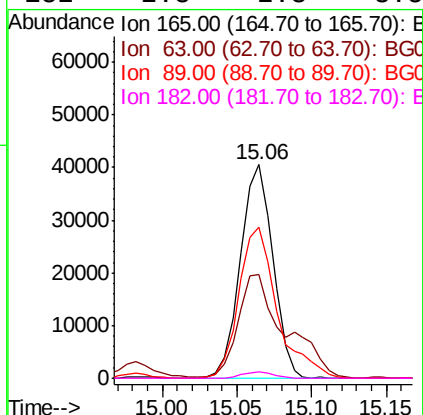
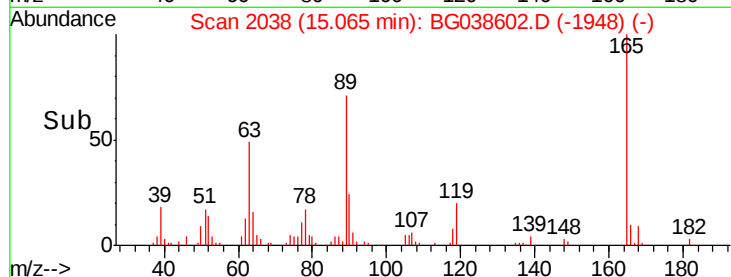
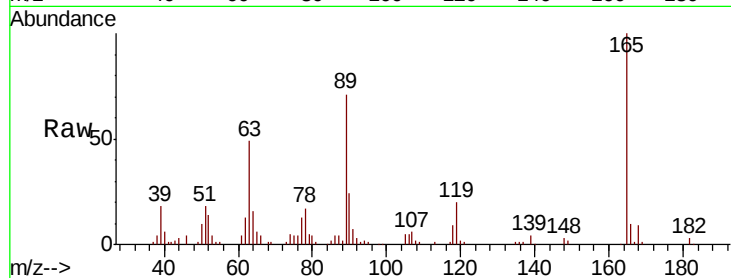




#57
2,4-Dinitrotoluene
Concen: 41.909 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

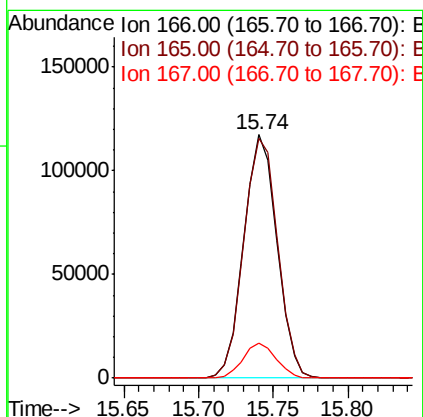
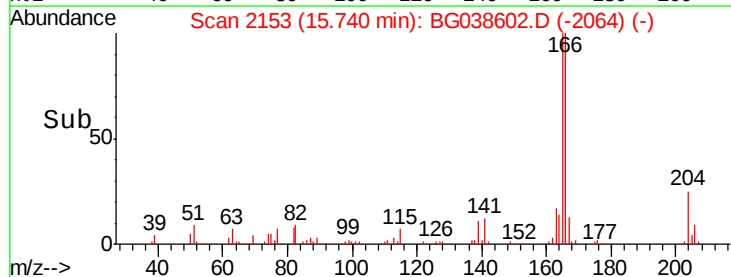
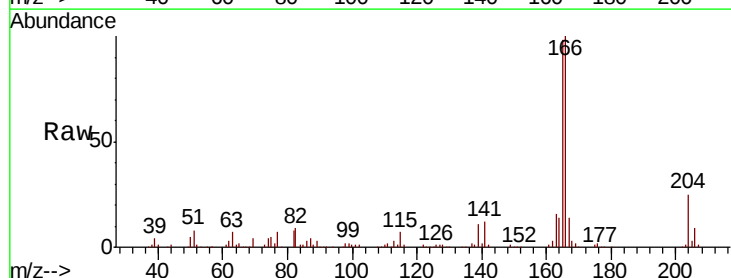
Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion:165 Resp: 61055
Ion Ratio Lower Upper
165 100
63 48.8 39.0 58.4
89 70.6 58.0 87.0
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.943 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:166 Resp: 180560
Ion Ratio Lower Upper
166 100
165 98.4 80.6 120.8
167 14.1 12.0 18.0

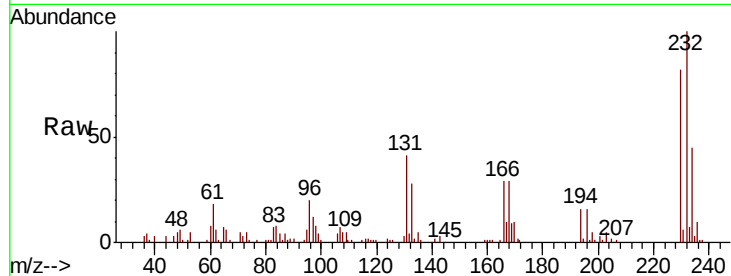




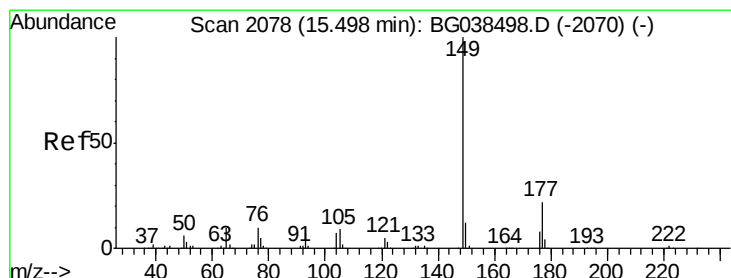
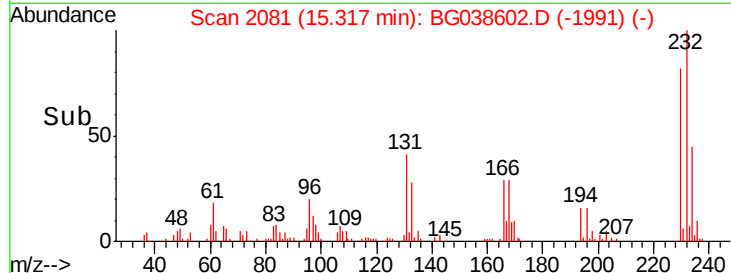
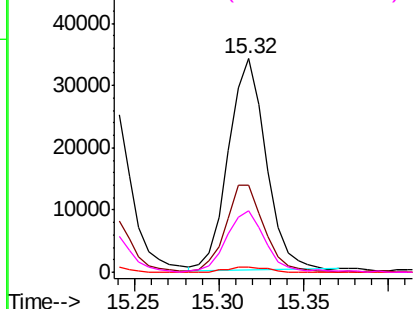
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.792 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion:232 Resp: 52363
Ion Ratio Lower Upper
232 100
131 43.0 33.0 49.4
130 2.6 2.0 3.0
166 30.7 23.1 34.7

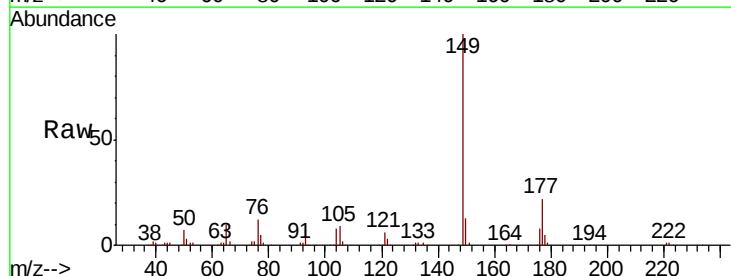


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

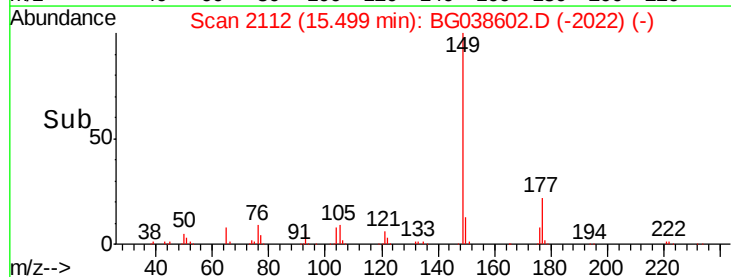
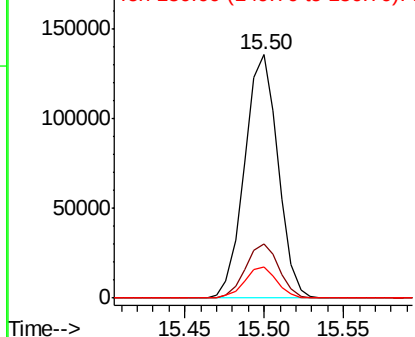


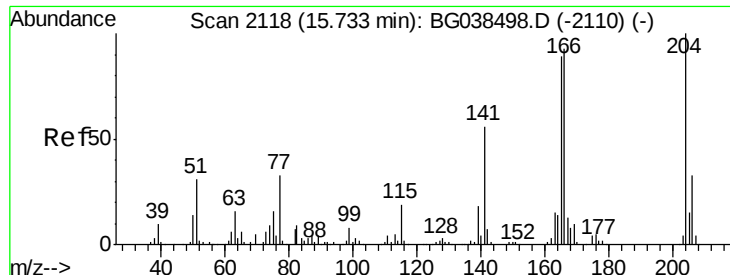
#60
Diethylphthalate
Concen: 39.572 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:149 Resp: 198279
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.7 9.9 14.9



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

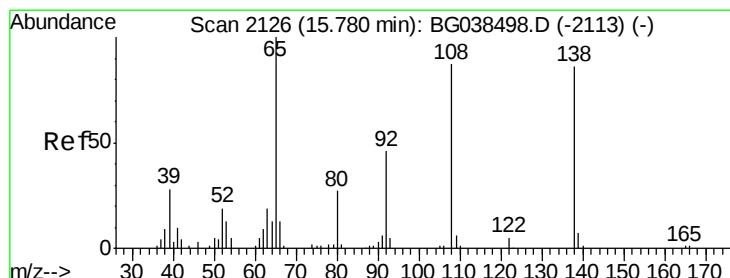
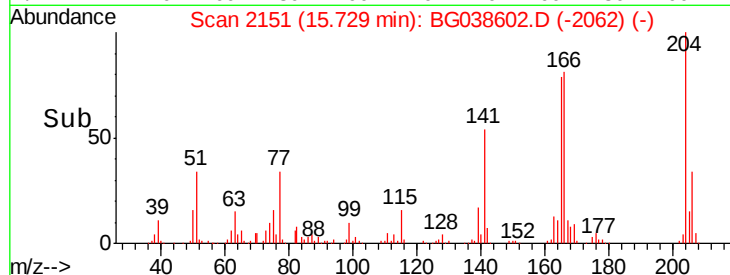
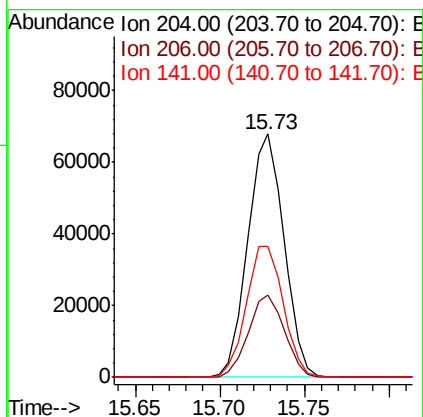
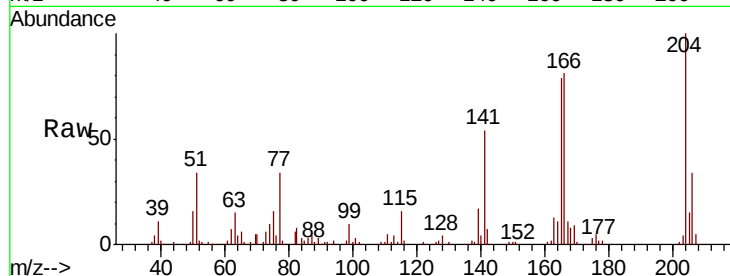




#61
 4-Chlorophenyl-phenylether
 Concen: 39.508 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

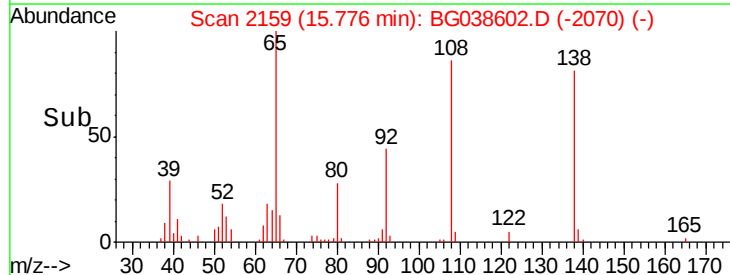
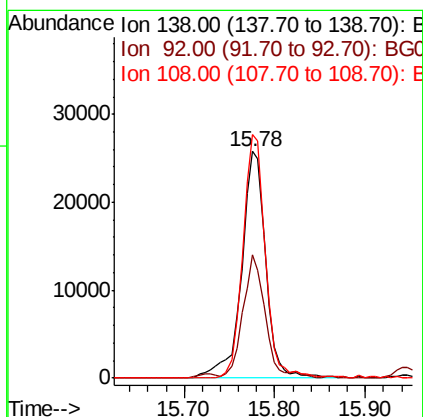
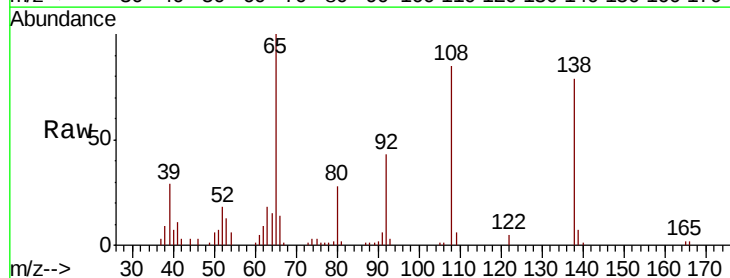
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion:204 Resp: 101287
 Ion Ratio Lower Upper
 204 100
 206 33.9 26.0 39.0
 141 53.7 44.4 66.6



#62
 4-Nitroaniline
 Concen: 43.862 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:138 Resp: 47613
 Ion Ratio Lower Upper
 138 100
 92 54.4 33.3 73.3
 108 107.5 81.4 121.4

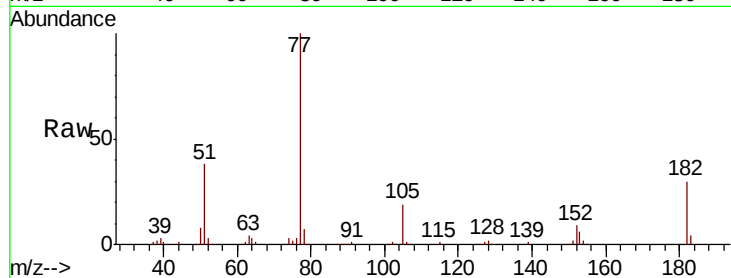




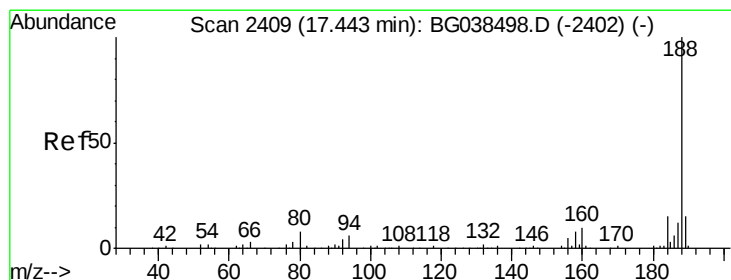
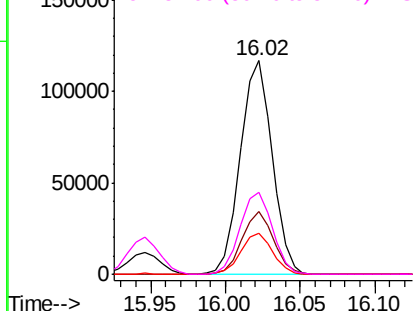
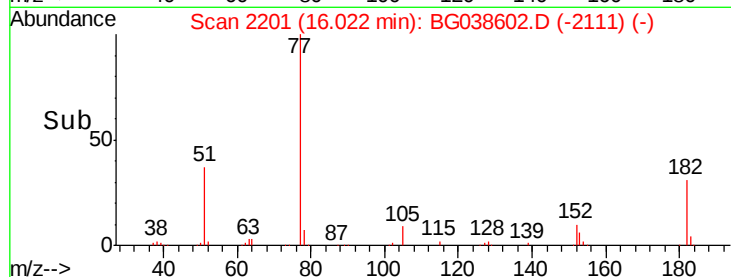
#63
Azobenzene
Concen: 41.342 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion: 77 Resp: 173049
Ion Ratio Lower Upper
77 100
182 29.6 8.7 48.7
105 19.0 0.0 38.7
51 38.3 16.6 56.6

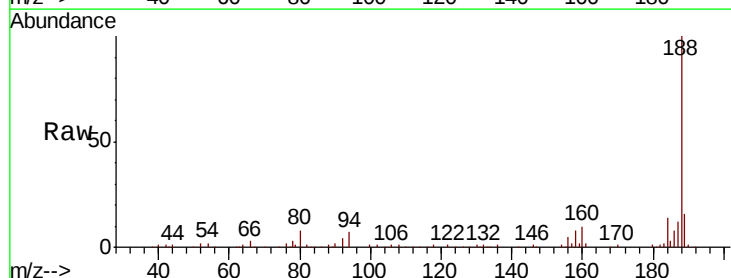


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

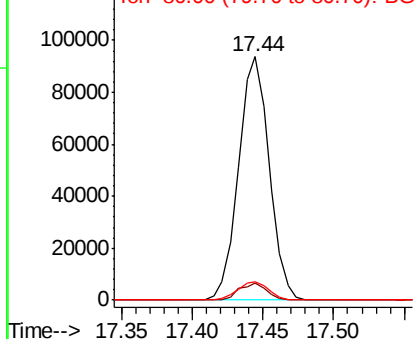
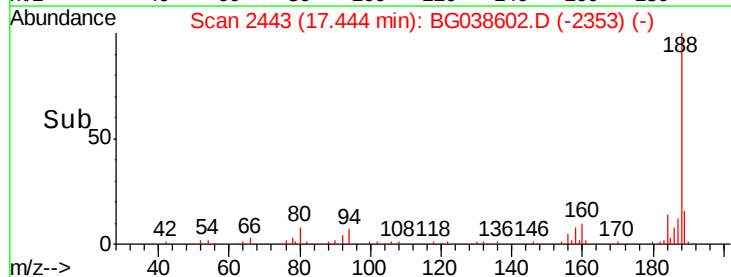


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion: 188 Resp: 142139
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 7.7 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

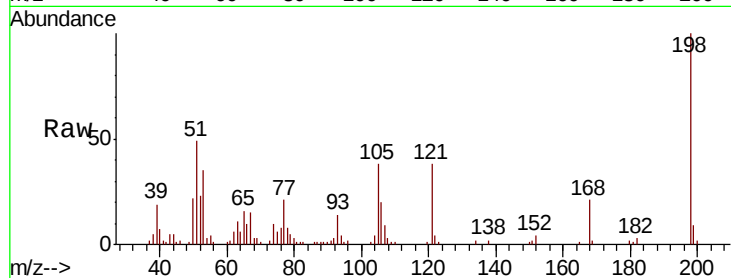




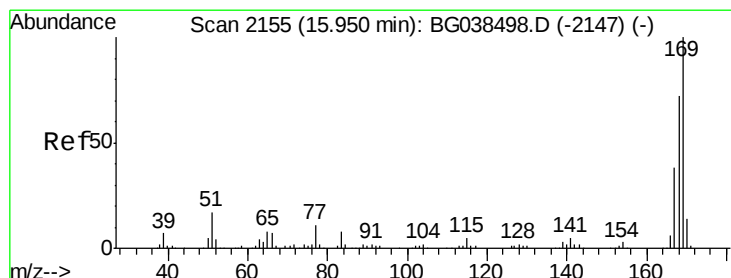
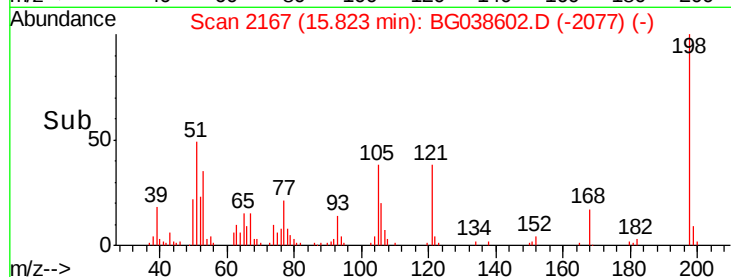
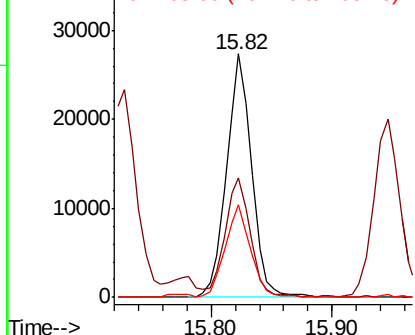
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.817 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion:198 Resp: 39358
 Ion Ratio Lower Upper
 198 100
 51 49.1 28.6 68.6
 105 37.8 20.4 60.4

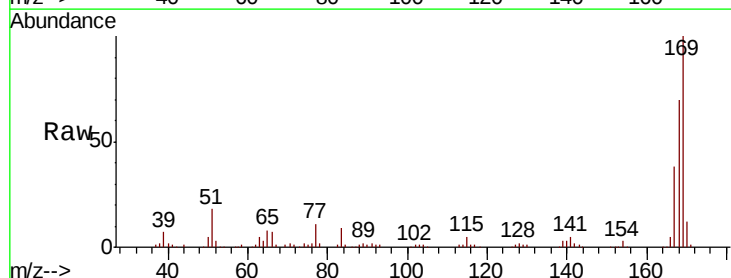


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

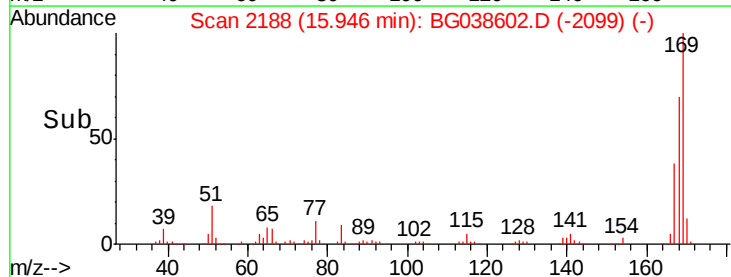
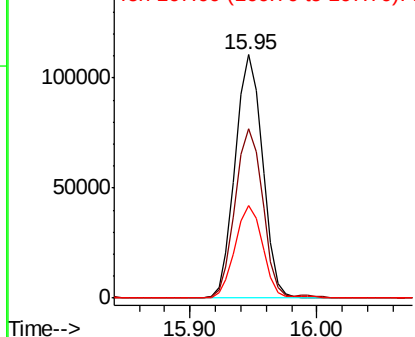


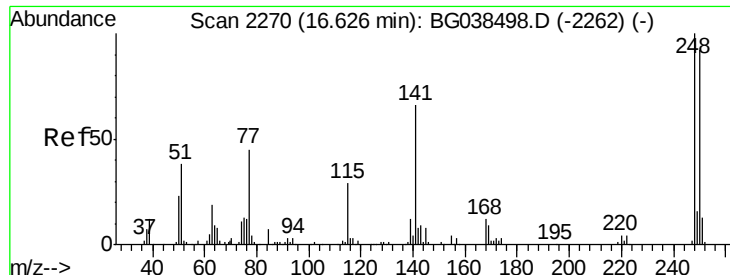
#66
 n-Nitrosodiphenylamine
 Concen: 39.591 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion:169 Resp: 165348
 Ion Ratio Lower Upper
 169 100
 168 69.6 57.5 86.3
 167 37.9 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

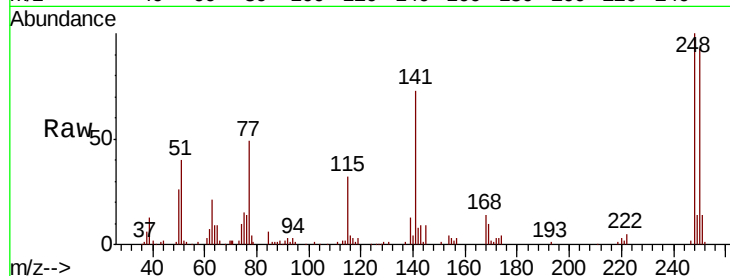




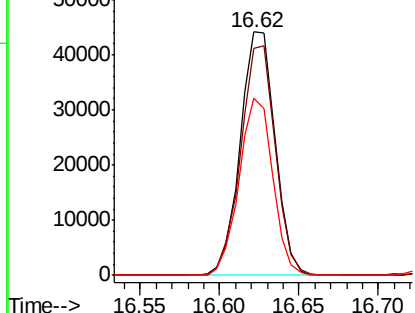
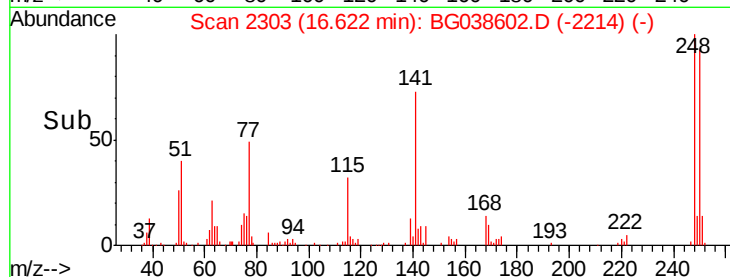
#67
 4-Bromophenyl-phenylether
 Concen: 38.722 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion: 248 Resp: 67218
 Ion Ratio Lower Upper
 248 100
 250 93.1 73.4 110.2
 141 72.9 52.9 79.3

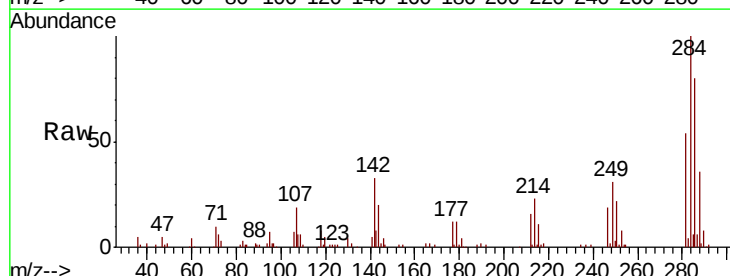


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

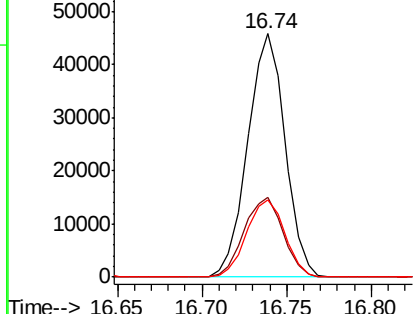
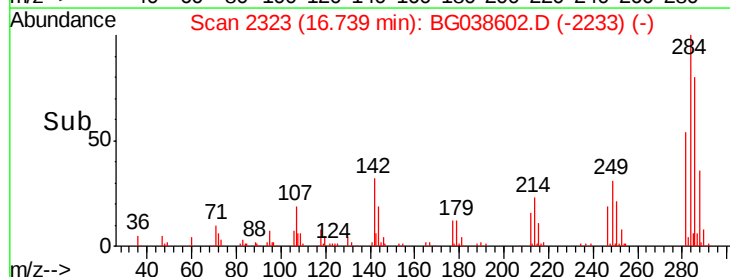


#68
 Hexachlorobenzene
 Concen: 39.023 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion: 284 Resp: 70222
 Ion Ratio Lower Upper
 284 100
 142 32.6 25.8 38.6
 249 34.1 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: 45.736 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

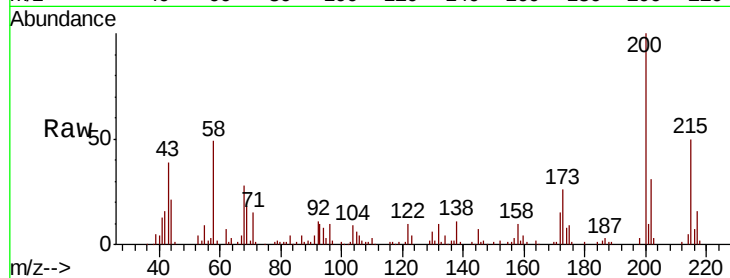
Tgt Ion:200 Resp: 70886

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

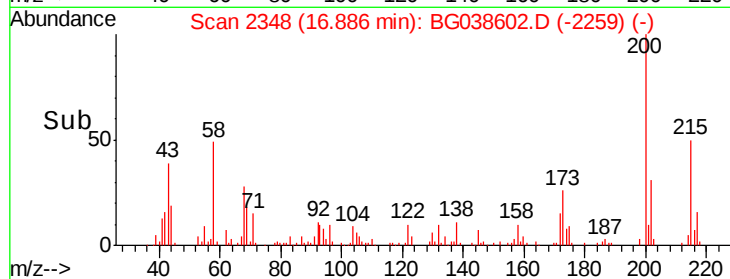
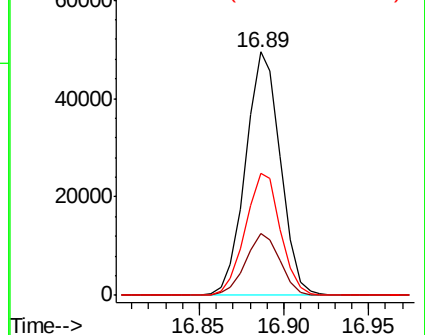
215 49.9 33.1 73.1



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: 73.573 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

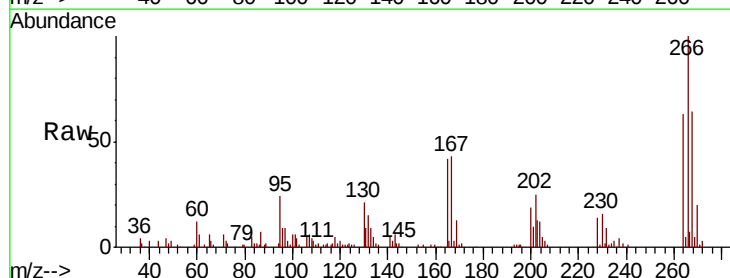
Tgt Ion:266 Resp: 78309

Ion Ratio Lower Upper

266 100

268 69.0 55.0 82.6

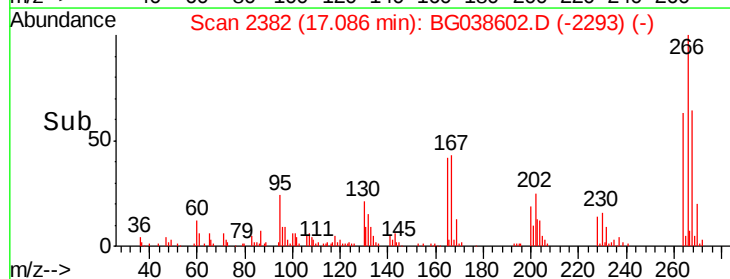
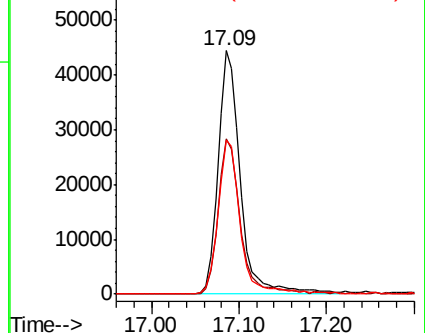
264 67.7 56.7 85.1

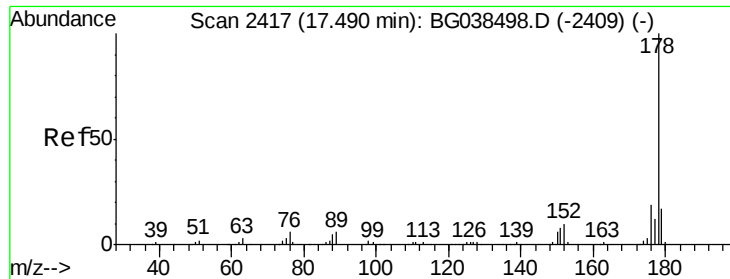


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

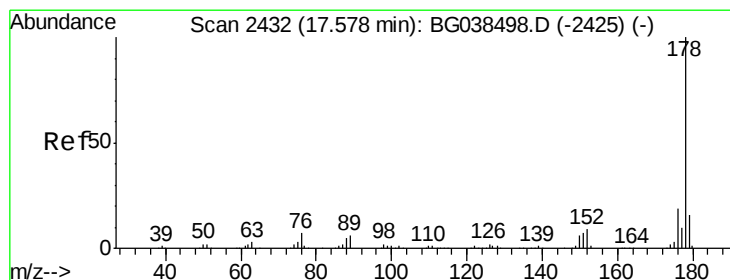
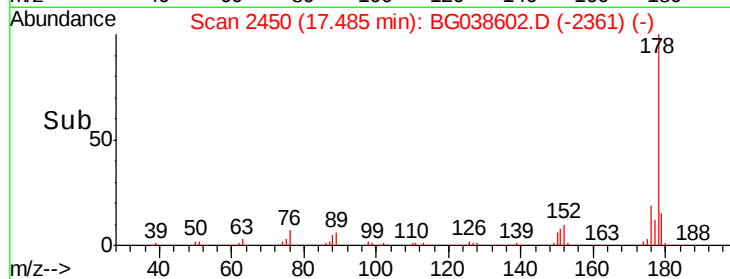
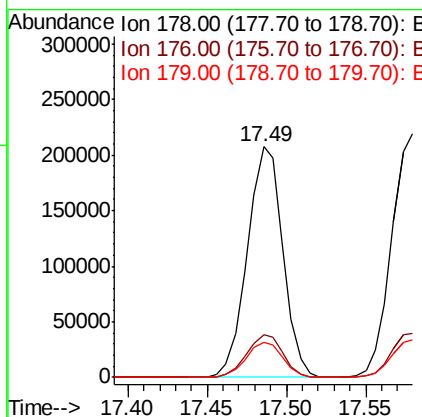
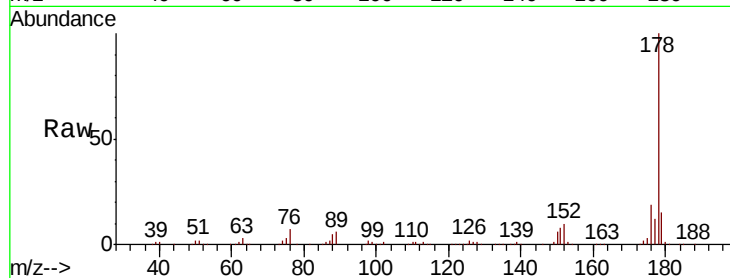




#71
 Phenanthrene
 Concen: 43.852 ng
 RT: 17.49 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

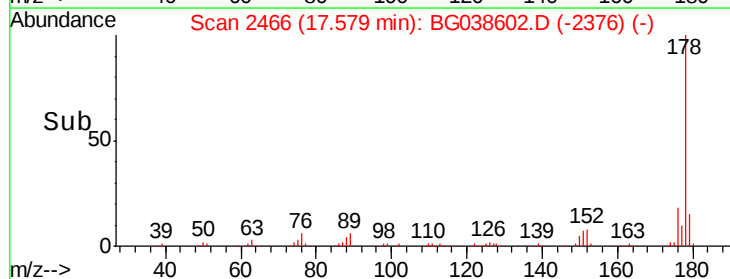
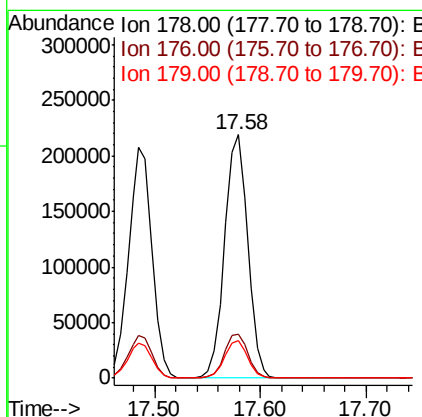
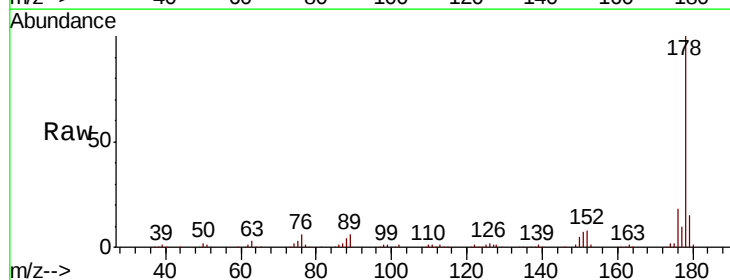
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.3	13.2	19.8



#72
 Anthracene
 Concen: 45.723 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.1	22.7
179	15.3	12.9	19.3

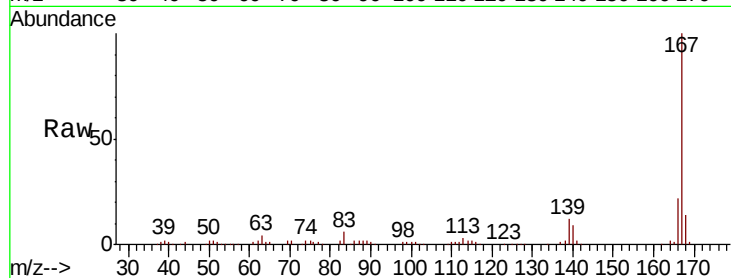




#73
 Carbazole
 Concen: 41.636 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.4	10.2	15.2

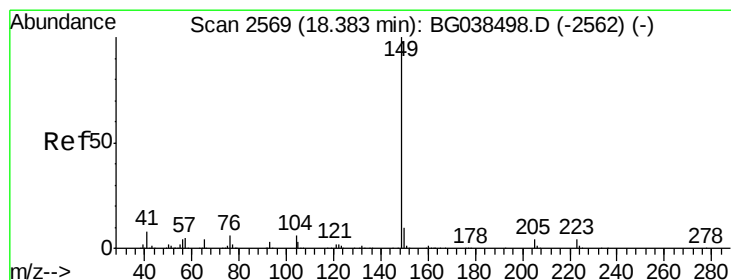
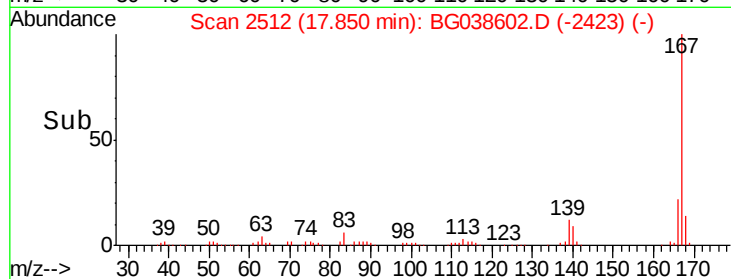
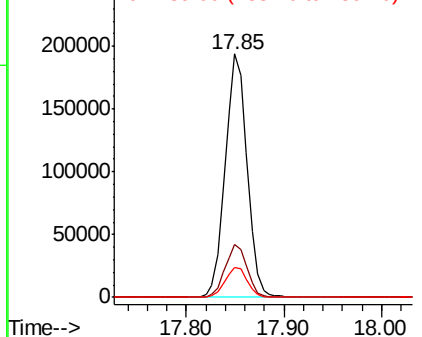


Abundance

Ion 167.00 (166.70 to 167.70): E

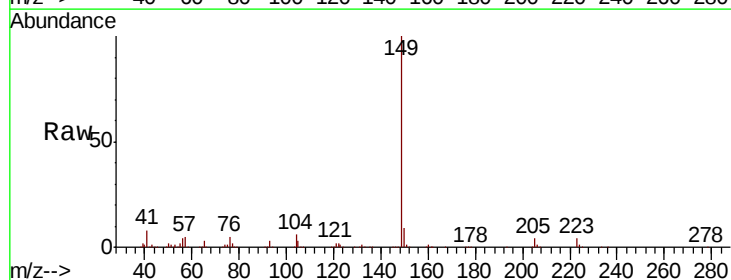
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.553 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.6	11.4
104	5.8	5.0	7.4

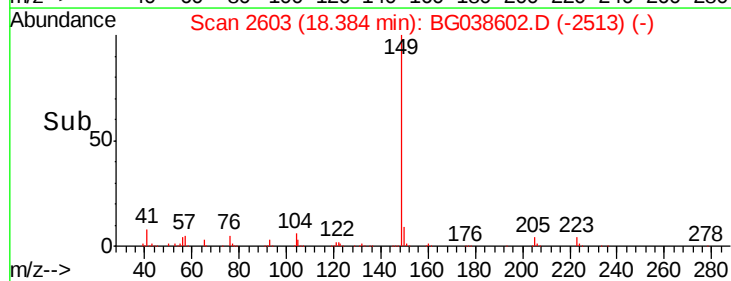
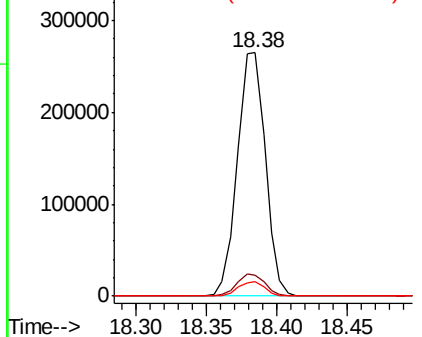


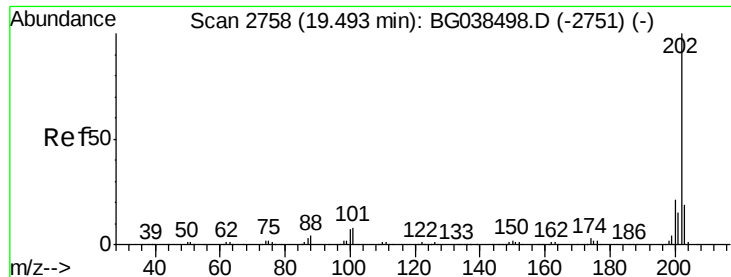
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

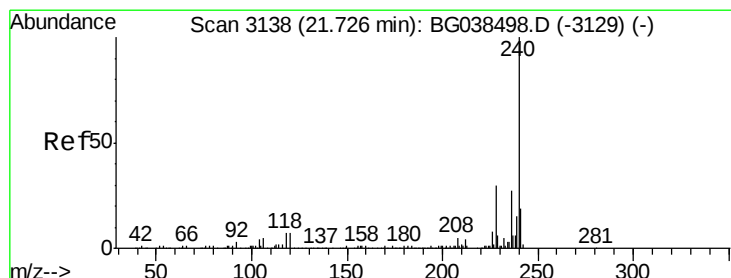
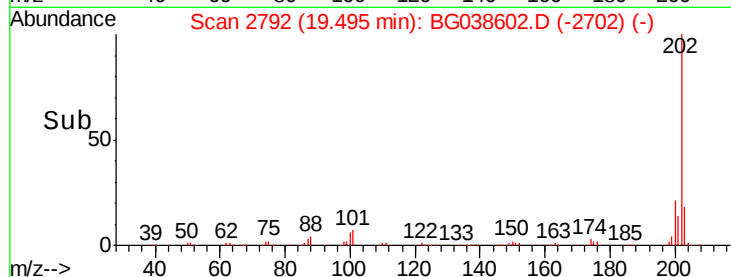
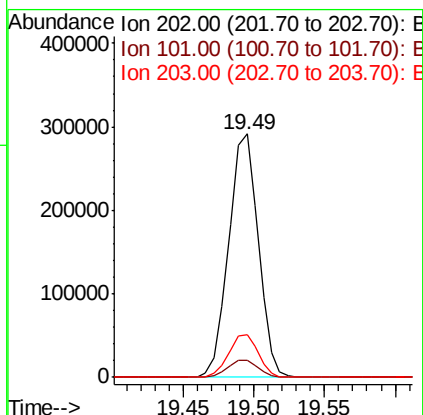
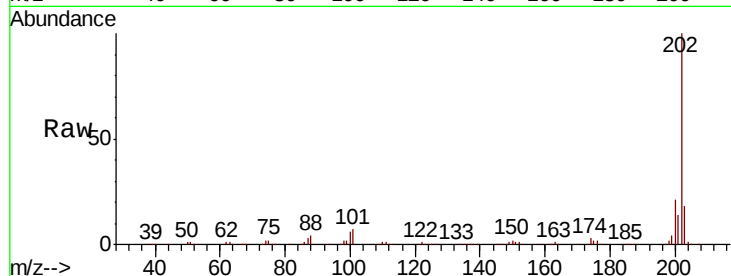




#75
 Fluoranthene
 Concen: 46.728 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

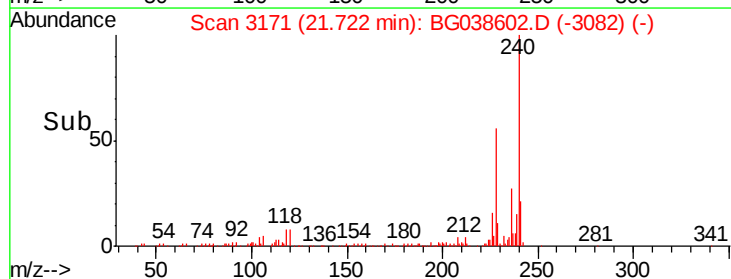
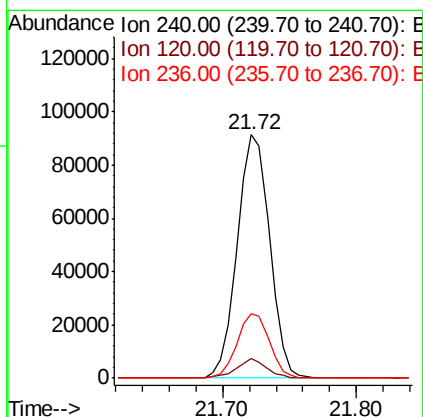
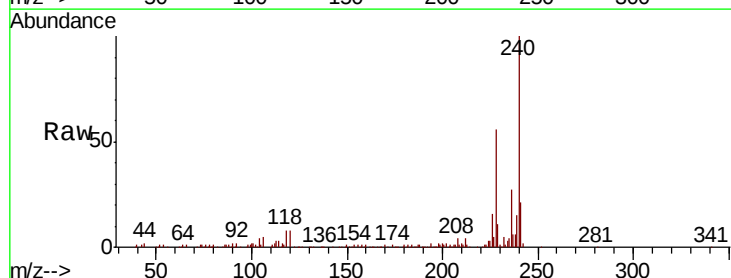
Instrument :
 BNA_G
 ClientSampleId :
 PB115709BS

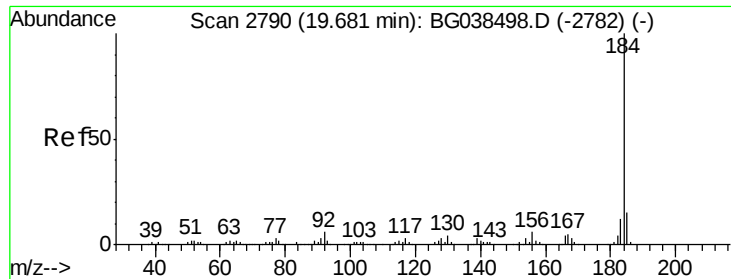
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.1
203	17.5	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038602.D
 Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.3	7.9#
236	26.6	21.4	32.2





#77

Benzidine

Concen: 46.565 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

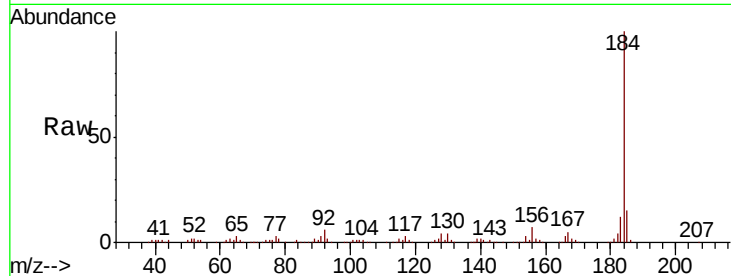
Tgt Ion:184 Resp: 211265

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

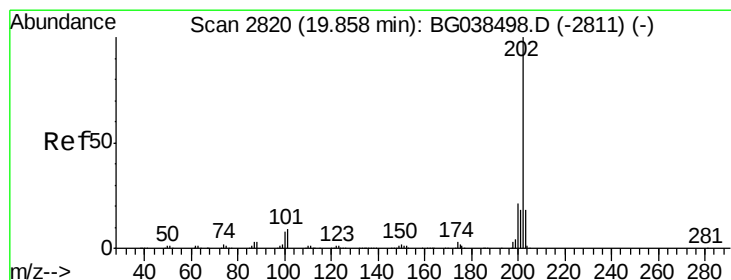
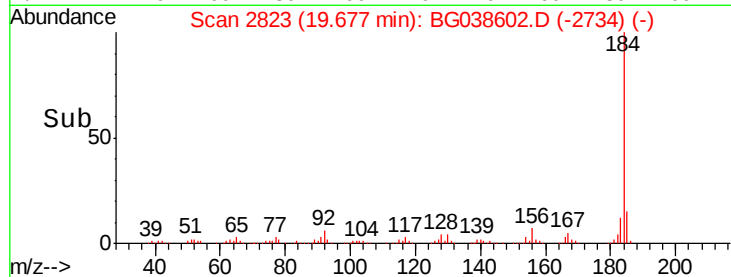
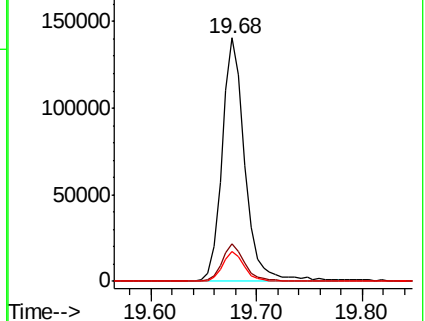
183 12.0 9.6 14.4



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: 41.689 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

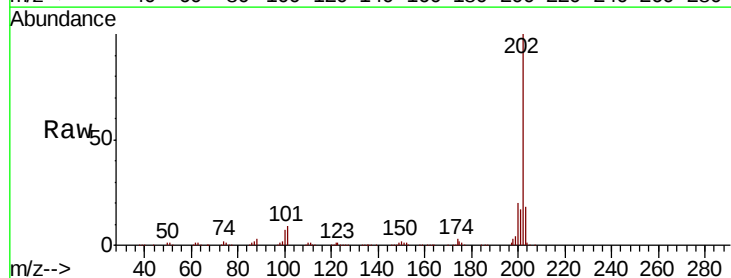
Tgt Ion:202 Resp: 422507

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

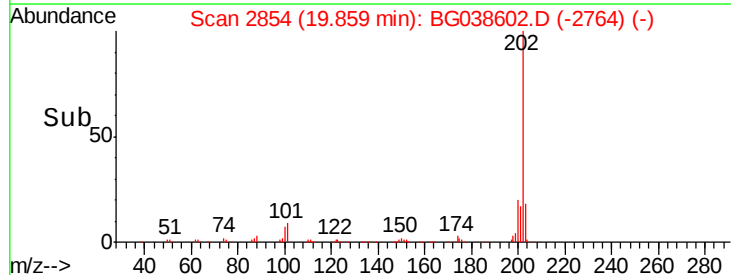
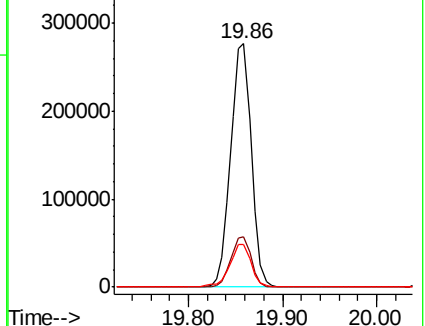
203 17.8 14.6 21.8

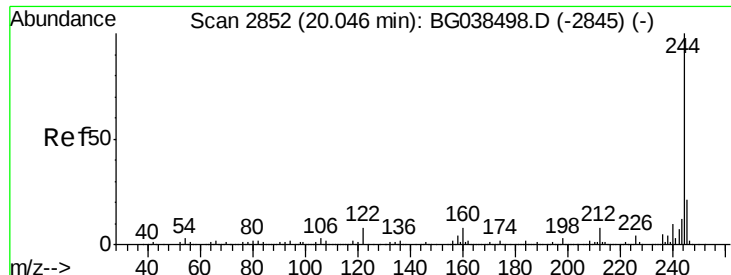


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.348 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

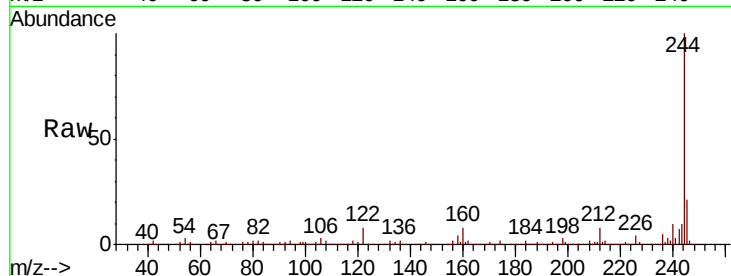
Tgt Ion:244 Resp: 601628

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

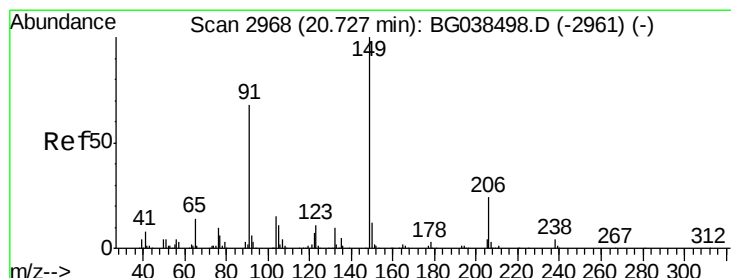
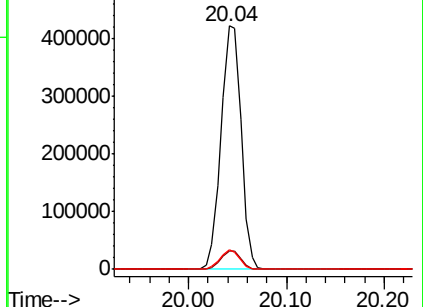
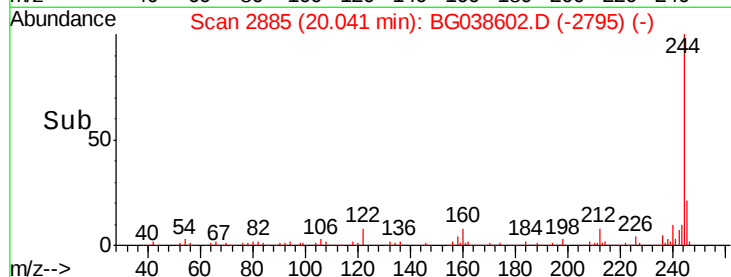
122 7.9 6.3 9.5



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: 42.803 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

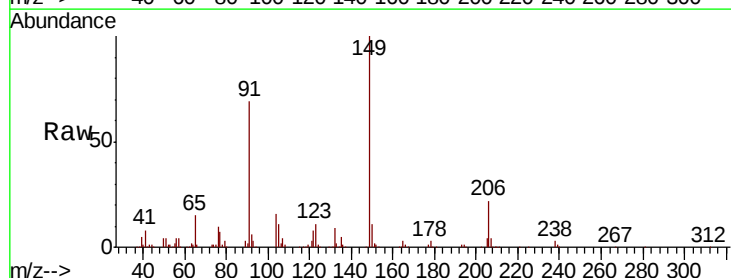
Tgt Ion:149 Resp: 169482

Ion Ratio Lower Upper

149 100

91 68.7 54.5 81.7

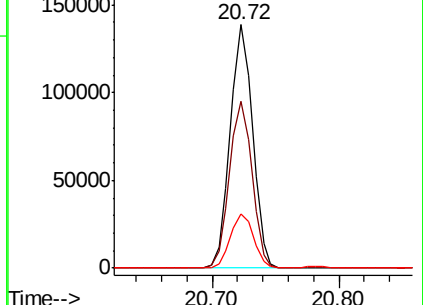
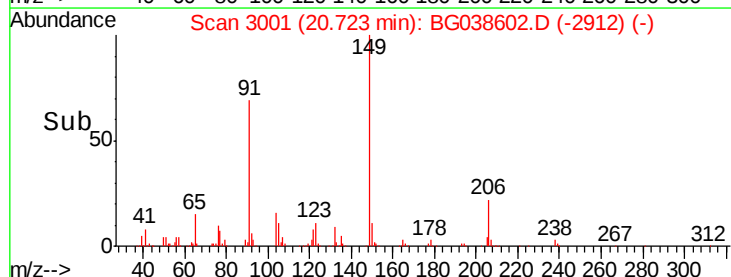
206 22.0 19.0 28.6



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: 44.629 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

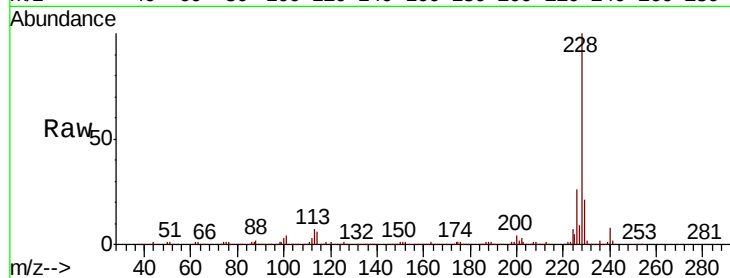
Tgt Ion:228 Resp: 417197

Ion Ratio Lower Upper

228 100

226 26.2 21.8 32.8

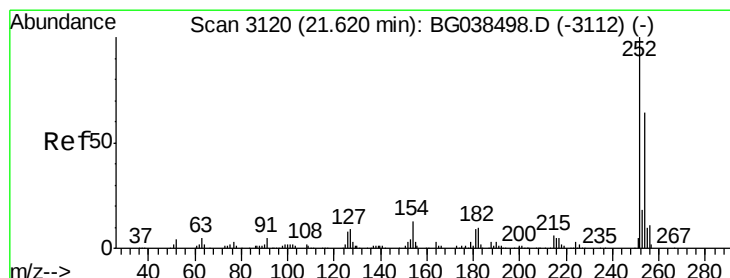
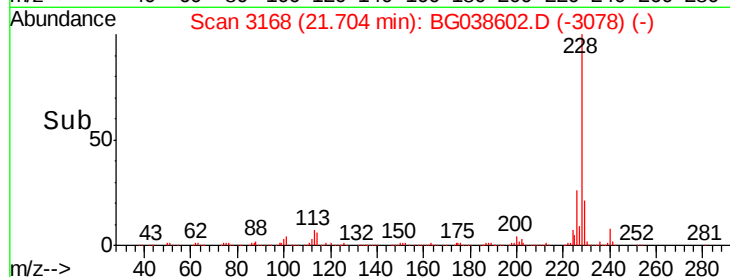
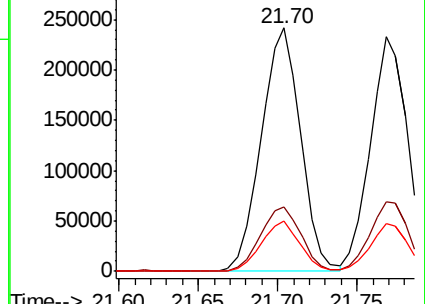
229 20.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.331 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

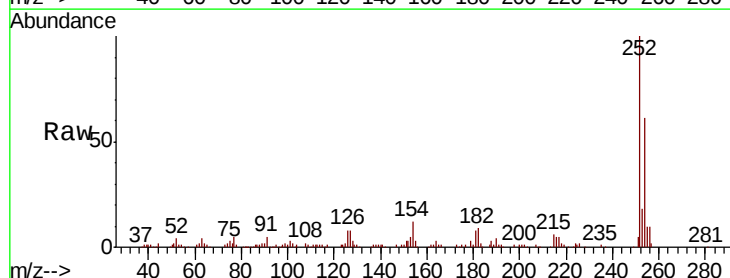
Tgt Ion:252 Resp: 108746

Ion Ratio Lower Upper

252 100

254 60.8 50.9 76.3

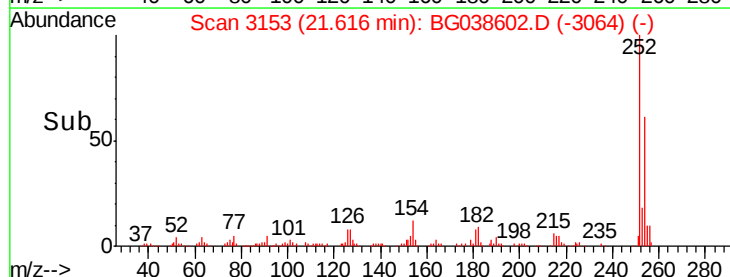
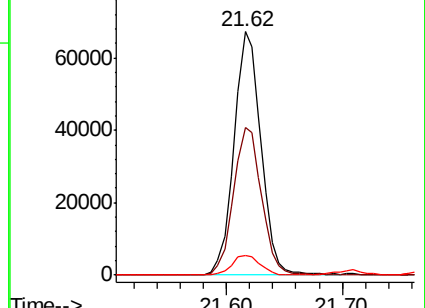
126 8.0 6.3 9.5

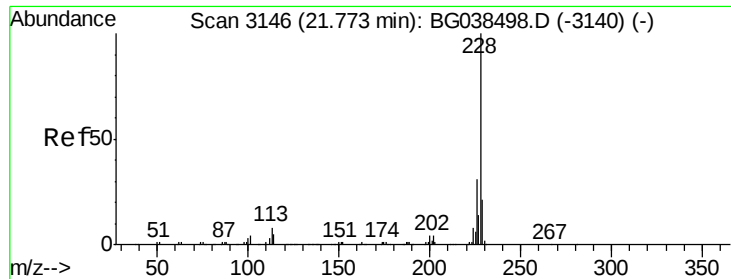


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.180 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

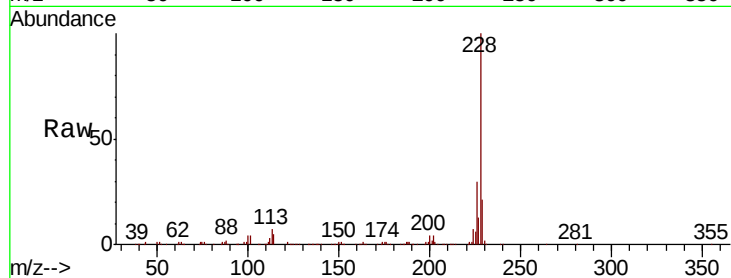
Tgt Ion:228 Resp: 379789

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.4

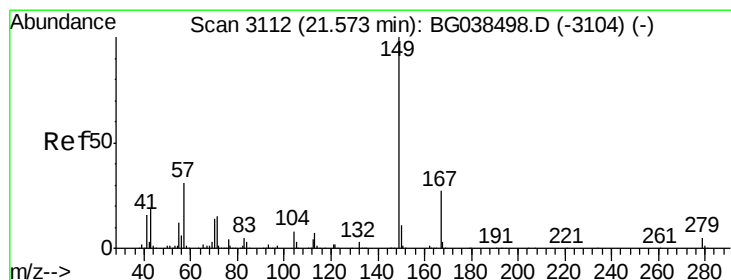
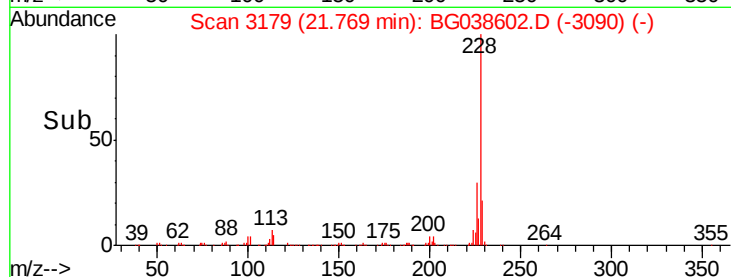
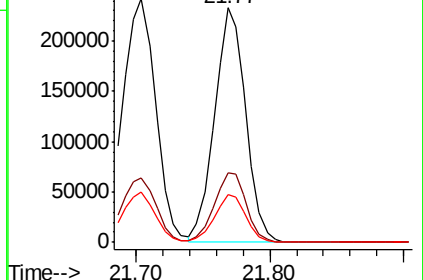
229 20.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.616 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

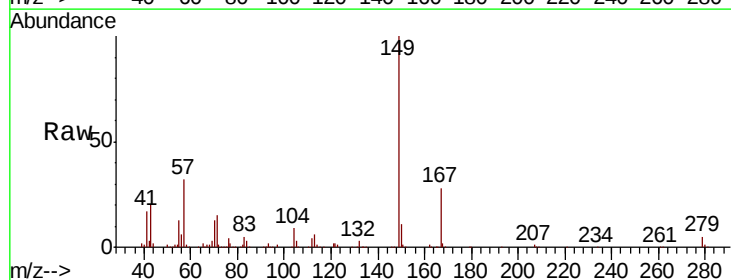
Tgt Ion:149 Resp: 239319

Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

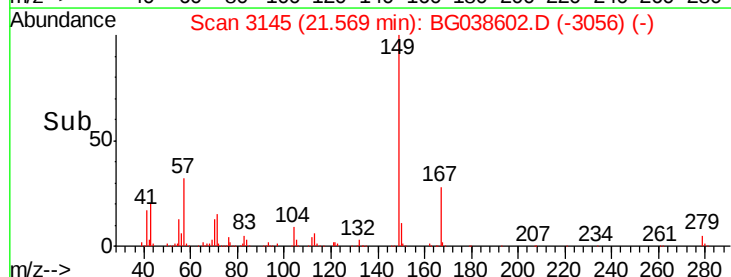
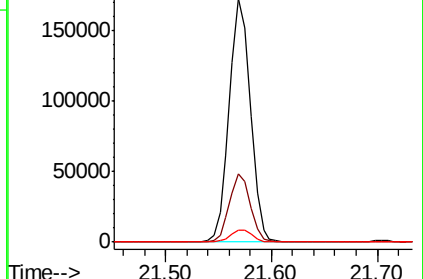
279 4.9 4.2 6.2

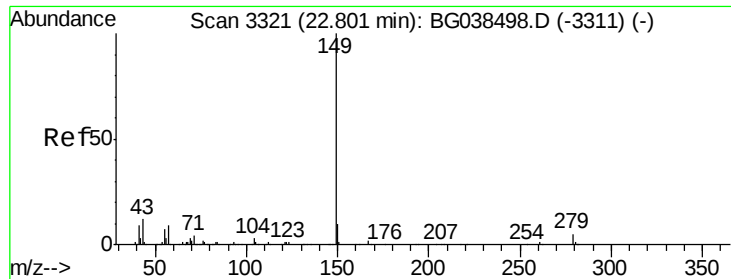


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

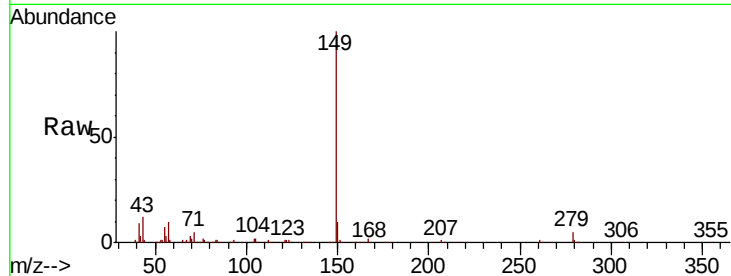




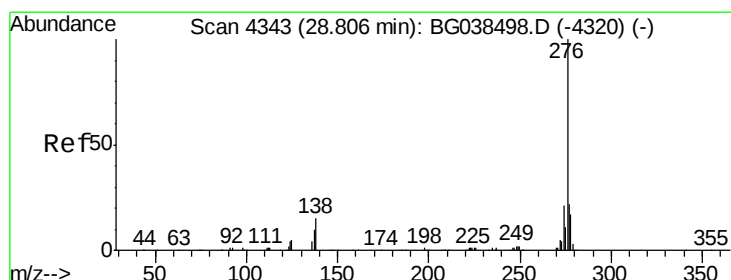
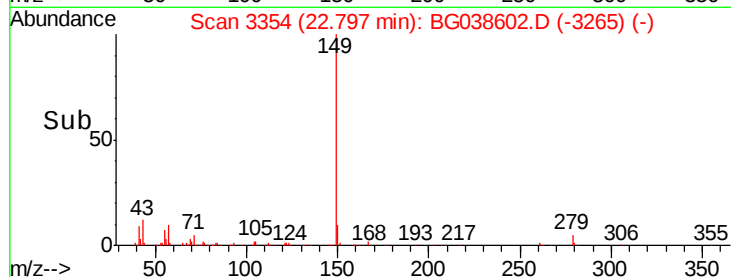
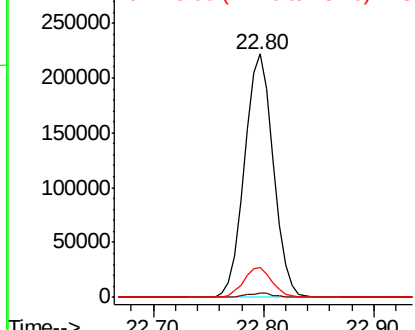
#85
Di-n-octyl phthalate
Concen: 43.299 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.3	9.3	13.9

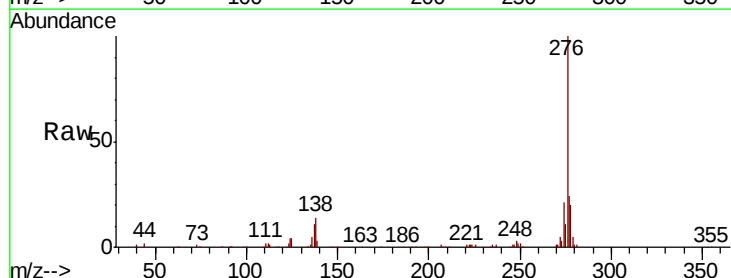


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

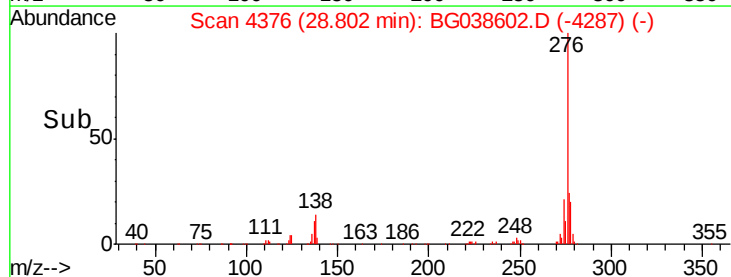
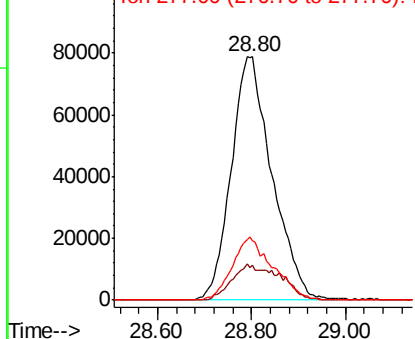


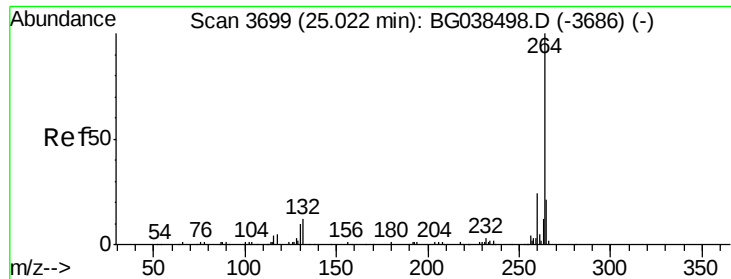
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.736 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	14.4	21.6#
277	25.8	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

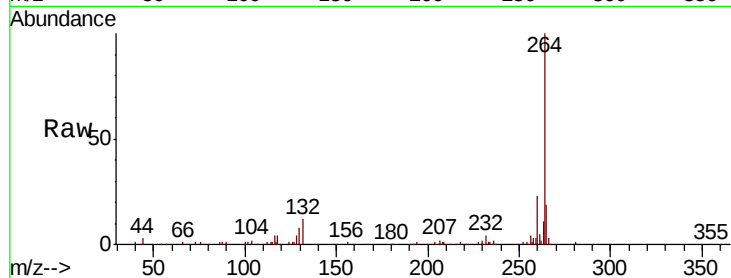




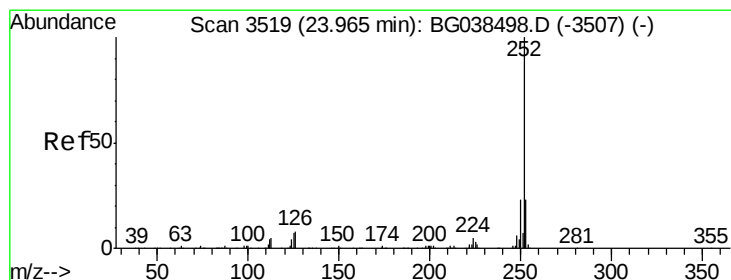
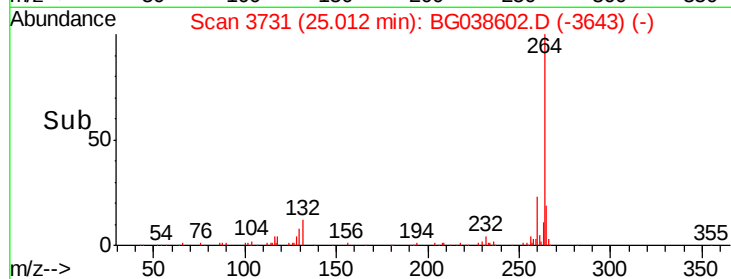
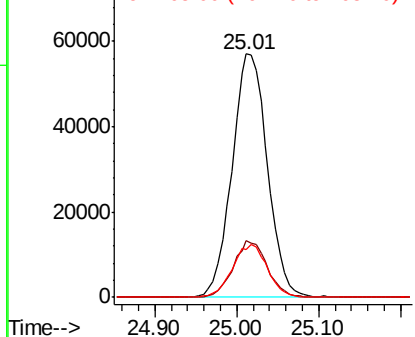
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Instrument :
BNA_G
ClientSampleId :
PB115709BS

Tgt Ion:264 Resp: 171220
Ion Ratio Lower Upper
264 100
260 23.1 18.9 28.3
265 19.4 17.0 25.4

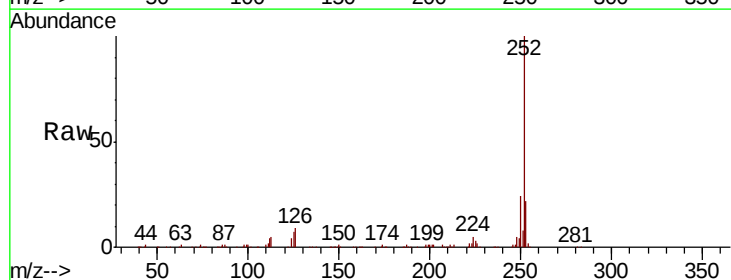


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

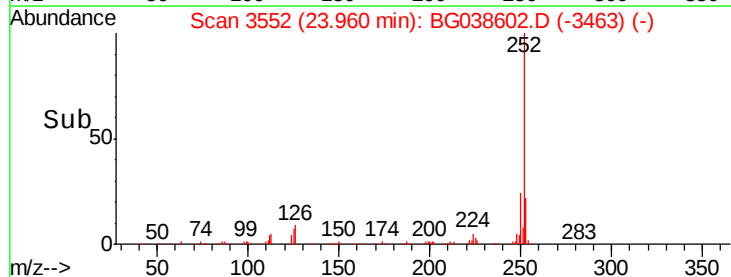
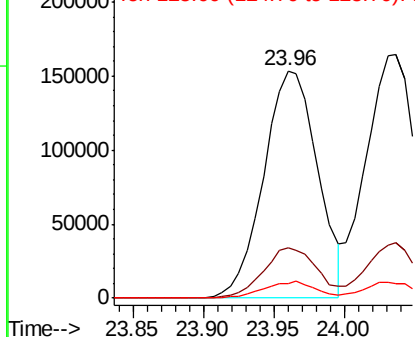


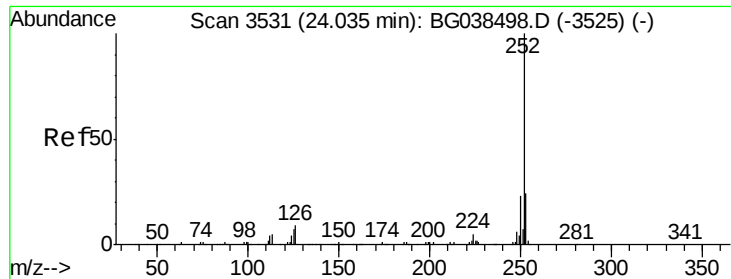
#88
Benzo(b)fluoranthene
Concen: 43.569 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:252 Resp: 409574
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 6.6 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

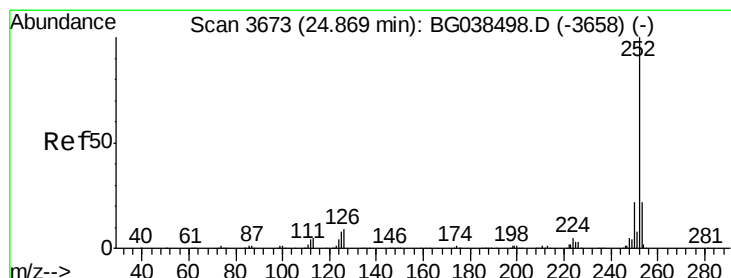
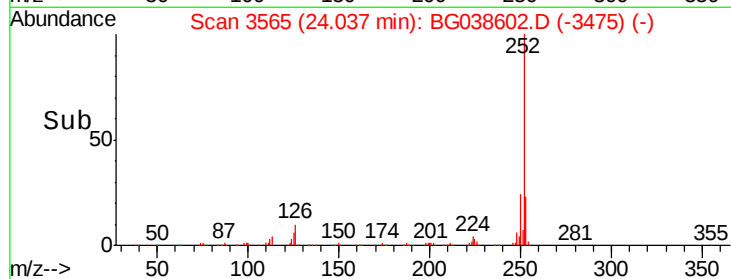
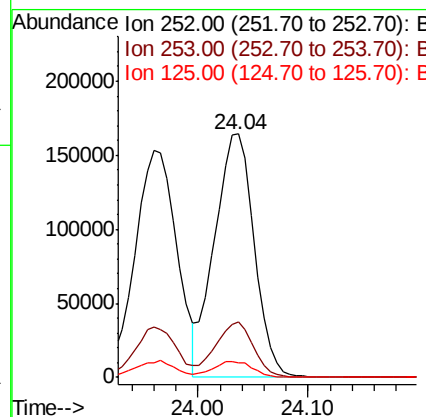
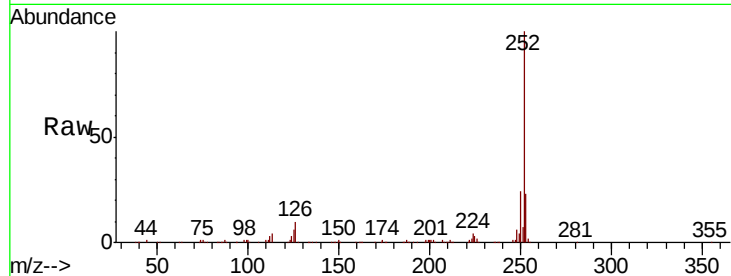




#89
Benzo(k)fluoranthene
Concen: 43.689 ng
RT: 24.04 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

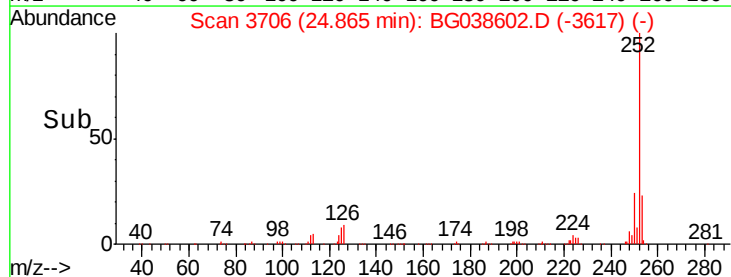
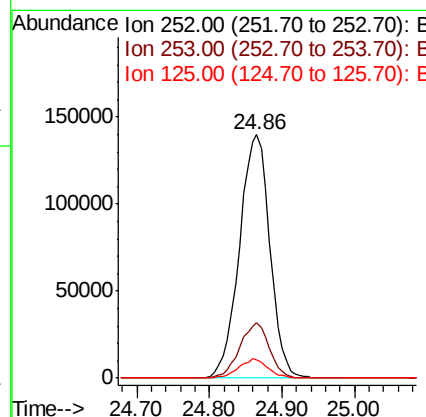
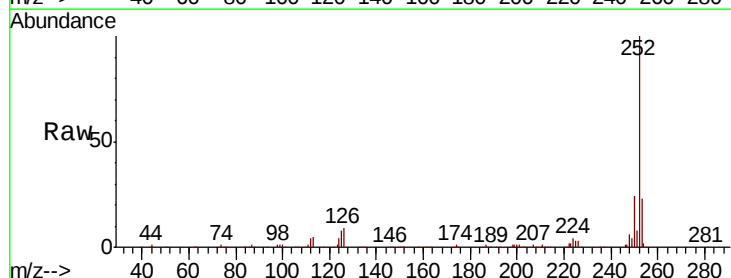
Instrument :
BNA_G
ClientSampleId :
PB115709BS

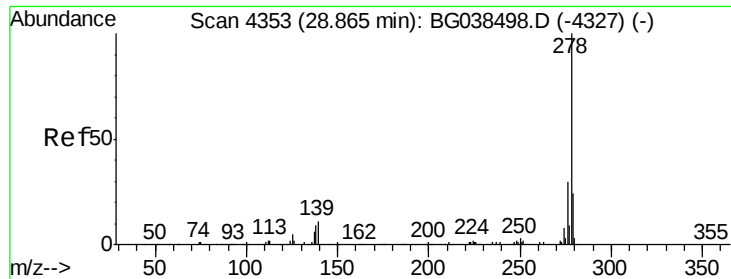
Tgt Ion:252 Resp: 408972
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 6.1 5.4 8.2



#90
Benzo(a)pyrene
Concen: 44.950 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG038602.D
Acq: 15 Dec 2018 13:32

Tgt Ion:252 Resp: 407660
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 7.7 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 44.136 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

Instrument :

BNA_G

ClientSampleId :

PB115709BS

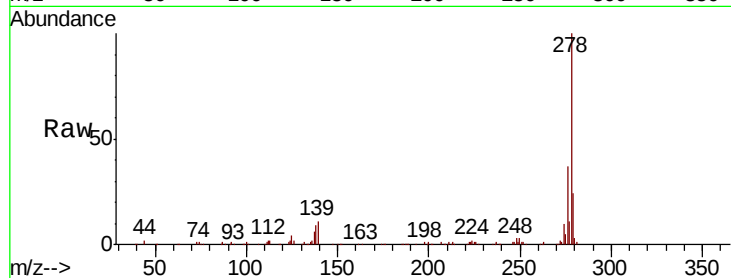
Tgt Ion:278 Resp: 398549

Ion Ratio Lower Upper

278 100

139 11.1 8.6 12.8

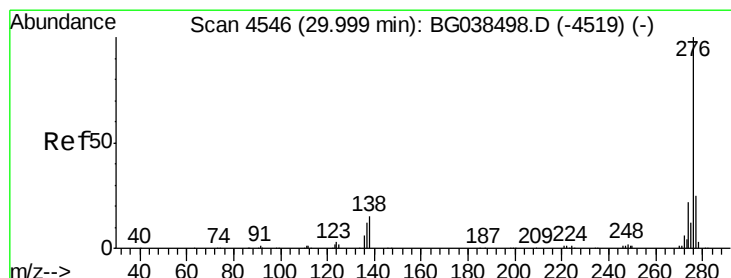
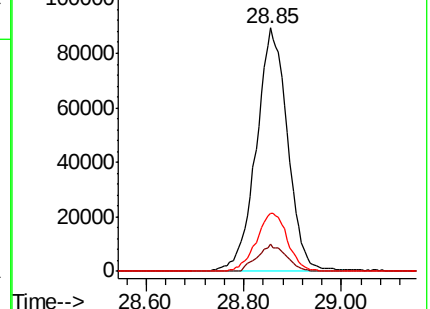
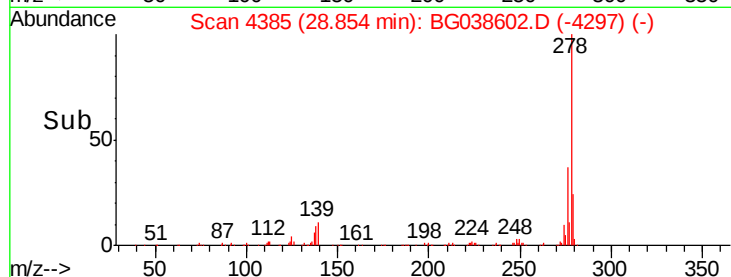
279 24.1 19.0 28.6



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: 44.205 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038602.D

Acq: 15 Dec 2018 13:32

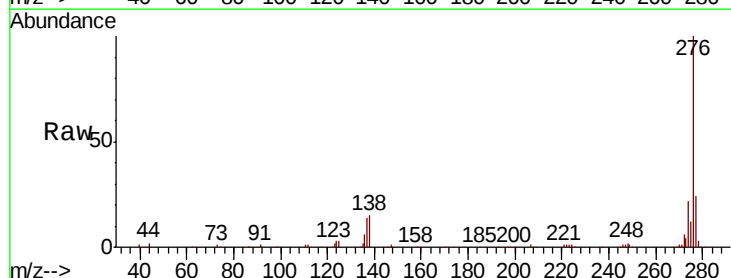
Tgt Ion:276 Resp: 393385

Ion Ratio Lower Upper

276 100

277 24.2 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

