

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038730.D
 Acq On : 19 Dec 2018 17:05
 Operator : JU/SJ
 Sample : PB115831BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Quant Time: Dec 19 23:54:11 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	8.05	152	24303	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	92389	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61467	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159470	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163474	20.00	ng	0.00
87) Perylene-d12	25.01	264	171866	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	187282	136.68	ng	0.00
7) Phenol-d6	7.21	99	248561	132.14	ng	0.00
23) Nitrobenzene-d5	9.23	82	124574	68.88	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	128969	152.24	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	316110	70.55	ng	0.00
79) Terphenyl-d14	20.04	244	631610	84.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21096	33.081	ng	94
3) Pyridine	3.89	79	58155	33.122	ng	96
4) n-Nitrosodimethylamine	3.82	42	35689	41.484	ng	# 87
6) Aniline	7.38	93	68317	28.450	ng	97
8) 2-Chlorophenol	7.62	128	66727	42.081	ng	97
9) Benzaldehyde	7.20	77	21099	17.290	ng	99
10) Phenol	7.24	94	84743	42.405	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	54813	34.450	ng	96
12) 1,3-Dichlorobenzene	7.94	146	70266	37.478	ng	100
13) 1,4-Dichlorobenzene	8.09	146	72514	37.764	ng	99
14) 1,2-Dichlorobenzene	8.41	146	68062	37.599	ng	98
15) Benzyl Alcohol	8.30	79	58767	40.026	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	119949	32.910	ng	97
17) 2-Methylphenol	8.50	107	56588	42.264	ng	98
18) Hexachloroethane	9.13	117	25213	35.934	ng	86
19) n-Nitroso-di-n-propylamine	8.86	70	46079	34.878	ng	98
20) 3+4-Methylphenols	8.82	107	77848	42.100	ng	97
22) Acetophenone	8.89	105	93204	40.389	ng	# 99
24) Nitrobenzene	9.27	77	72141	39.432	ng	97
25) Isophorone	9.79	82	130783	40.250	ng	98
26) 2-Nitrophenol	9.99	139	38307	40.910	ng	95
27) 2,4-Dimethylphenol	10.03	122	66904	49.855	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	75267	41.047	ng	98
29) 2,4-Dichlorophenol	10.52	162	71460	47.866	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	76230	42.272	ng	96
31) Naphthalene	10.93	128	203657	44.739	ng	98
32) Benzoic acid	10.19	122	24136	32.484	ng	96
33) 4-Chloroaniline	11.04	127	49715	25.156	ng	98
34) Hexachlorobutadiene	11.18	225	50532	41.413	ng	93
35) Caprolactam	11.82	113	23530	38.085	ng	91
36) 4-Chloro-3-methylphenol	12.15	107	74301	43.612	ng	94
37) 2-Methylnaphthalene	12.52	142	154415	47.549	ng	96
38) 1-Methylnaphthalene	12.74	142	145289	46.104	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	93637	40.754	ng	99

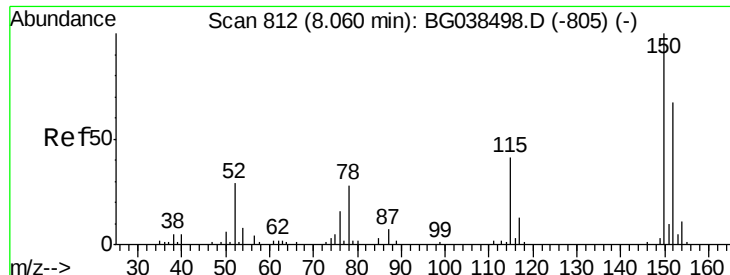
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111230	88.117	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	64005	45.306	ng	100
44) 2,4,5-Trichlorophenol	13.21	196	68509	45.803	ng	95
46) 1,1'-Biphenyl	13.53	154	198656	38.552	ng	99
47) 2-Chloronaphthalene	13.58	162	165080	41.474	ng	98
48) 2-Nitroaniline	13.79	65	51665	40.750	ng	92
49) Acenaphthylene	14.42	152	265588	44.633	ng	98
50) Dimethylphthalate	14.15	163	211855	42.206	ng	98
51) 2,6-Dinitrotoluene	14.27	165	48037	42.229	ng	95
52) Acenaphthene	14.76	154	151401	42.550	ng	97
53) 3-Nitroaniline	14.61	138	36628	31.587	ng	89
54) 2,4-Dinitrophenol	14.82	184	46855	69.925	ng	99
55) Dibenzofuran	15.09	168	259248	42.505	ng	97
56) 4-Nitrophenol	14.91	139	72758	82.709	ng	95
57) 2,4-Dinitrotoluene	15.06	165	69591	43.436	ng	94
58) Fluorene	15.74	166	207932	46.015	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	64556	47.972	ng	99
60) Diethylphthalate	15.50	149	215204	39.054	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	117622	41.718	ng	97
62) 4-Nitroaniline	15.78	138	53153	44.524	ng	95
63) Azobenzene	16.02	77	184120	39.997	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	43188	37.965	ng	91
66) n-Nitrosodiphenylamine	15.95	169	190101	40.572	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	80341	41.252	ng	97
68) Hexachlorobenzene	16.74	284	82219	40.725	ng	99
69) Atrazine	16.89	200	78749	45.287	ng	99
70) Pentachlorophenol	17.09	266	89012	74.540	ng	99
71) Phenanthrene	17.48	178	363474	43.953	ng	100
72) Anthracene	17.58	178	372072	45.576	ng	100
73) Carbazole	17.85	167	329213	40.775	ng	98
74) Di-n-butylphthalate	18.38	149	381048	41.131	ng	99
75) Fluoranthene	19.49	202	459078	44.868	ng	96
77) Benzidine	19.67	184	193606	40.046	ng	99
78) Pyrene	19.86	202	452827	41.930	ng	99
80) Butylbenzylphthalate	20.72	149	173229	41.057	ng	99
81) Benzo(a)anthracene	21.70	228	447183	44.892	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	117045	29.627	ng	97
83) Chrysene	21.77	228	409543	42.684	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242388	40.506	ng	99
85) Di-n-octyl phthalate	22.79	149	414579	41.368	ng	98
86) Indeno(1,2,3-cd)pyrene	28.79	276	497970	44.146	ng	# 83
88) Benzo(b)fluoranthene	23.96	252	448350	47.514	ng	99
89) Benzo(k)fluoranthene	24.03	252	428215	45.572	ng	99
90) Benzo(a)pyrene	24.86	252	429205	47.148	ng	# 97
91) Dibenzo(a,h)anthracene	28.86	278	419485	46.280	ng	98
92) Benzo(g,h,i)perylene	29.99	276	414488	46.402	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

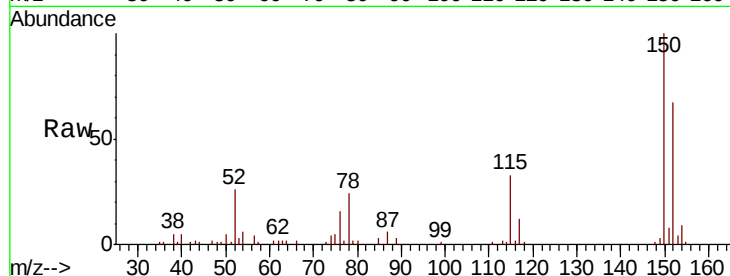
Tgt Ion:152 Resp: 24303

Ion Ratio Lower Upper

152 100

150 150.1 119.5 179.3

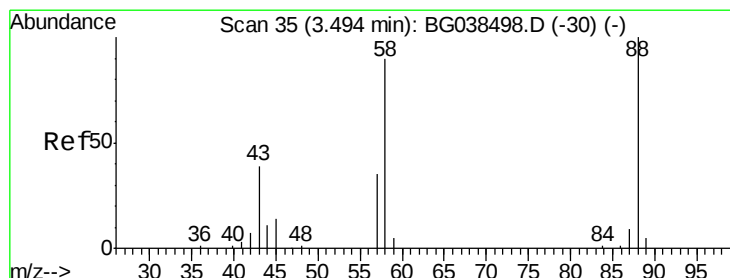
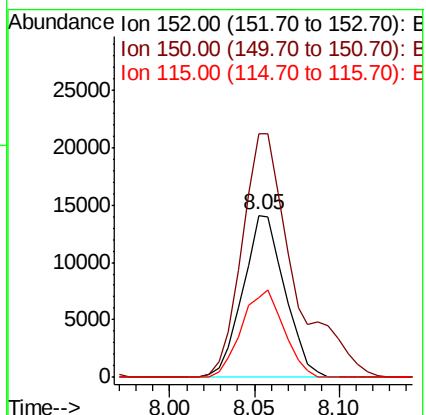
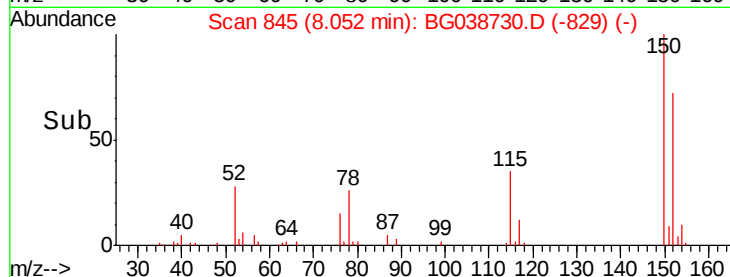
115 48.9 49.6 74.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.081 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

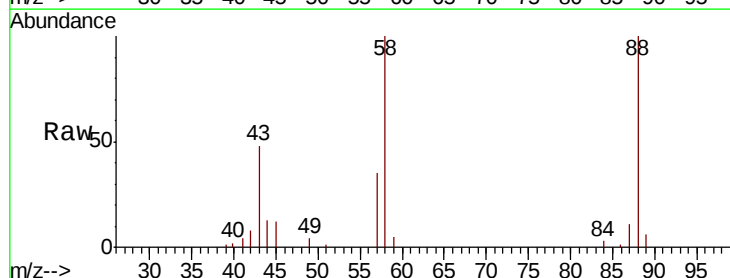
Tgt Ion: 88 Resp: 21096

Ion Ratio Lower Upper

88 100

58 99.1 75.7 113.5

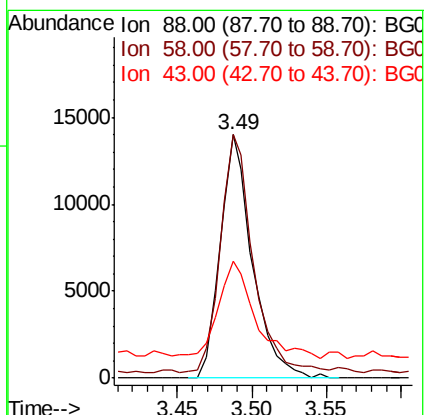
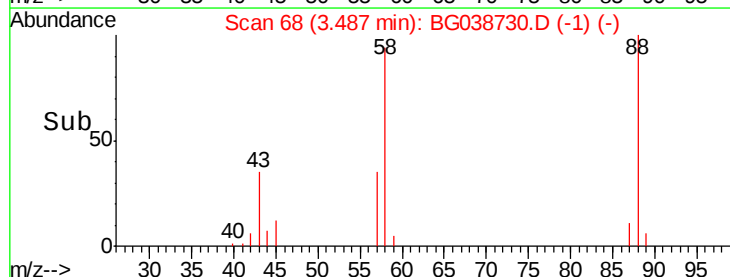
43 45.4 31.6 47.4

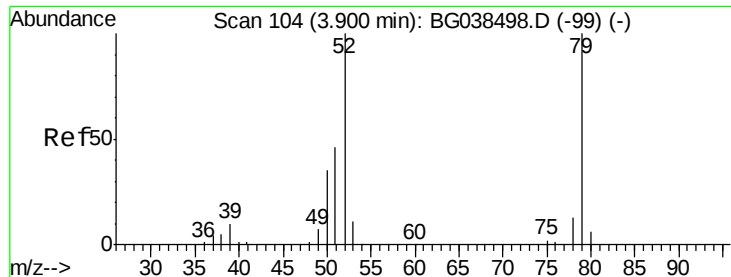


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.122 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

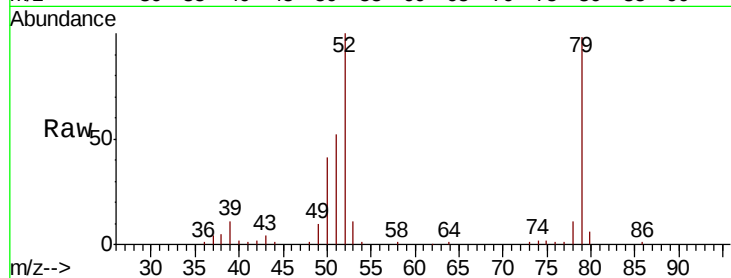
Tgt Ion: 79 Resp: 58155

Ion Ratio Lower Upper

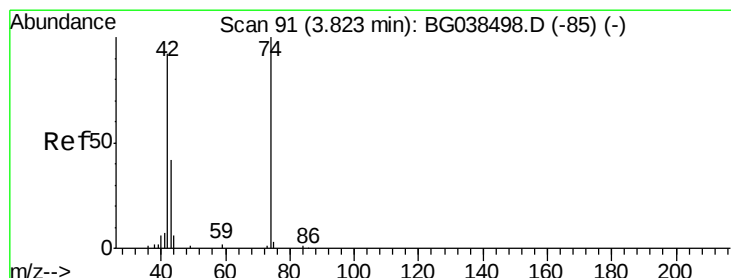
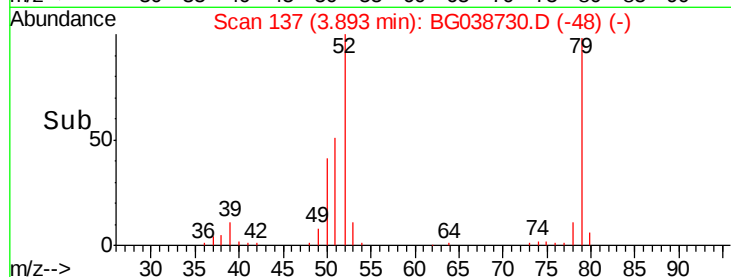
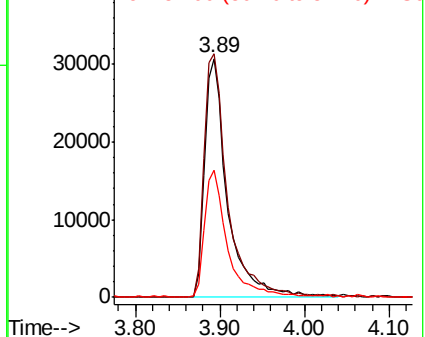
79 100

52 102.1 80.2 120.2

51 53.1 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 41.484 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

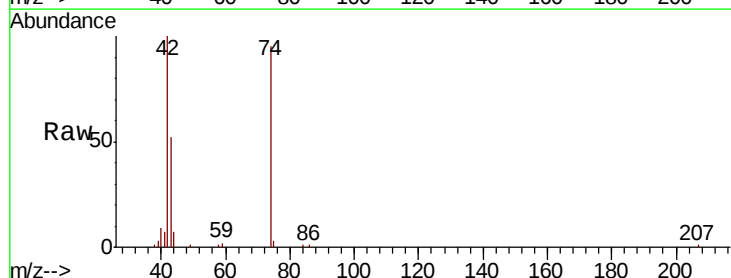
Tgt Ion: 42 Resp: 35689

Ion Ratio Lower Upper

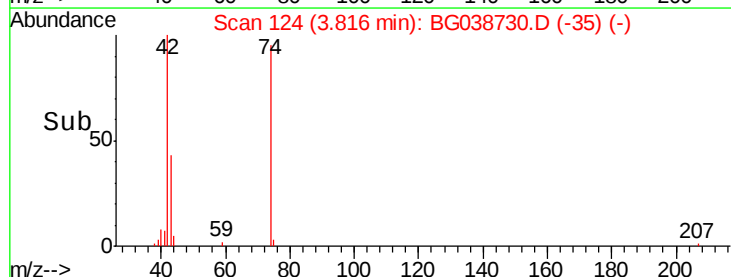
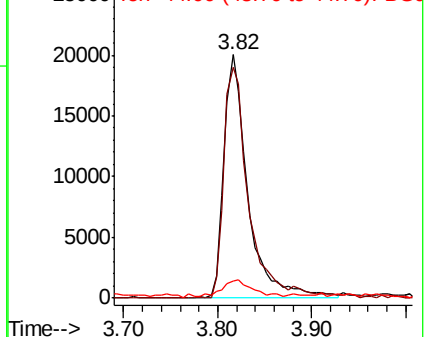
42 100

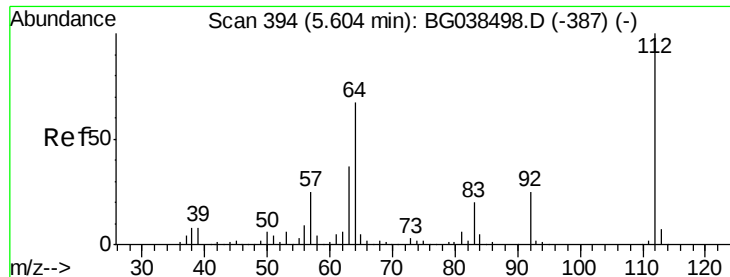
74 94.7 86.7 130.1

44 7.2 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 136.680 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

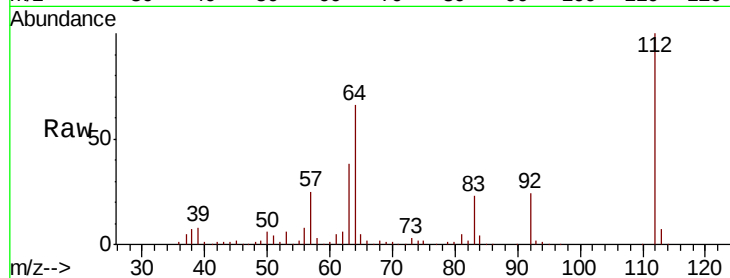
Instrument :

BNA_G

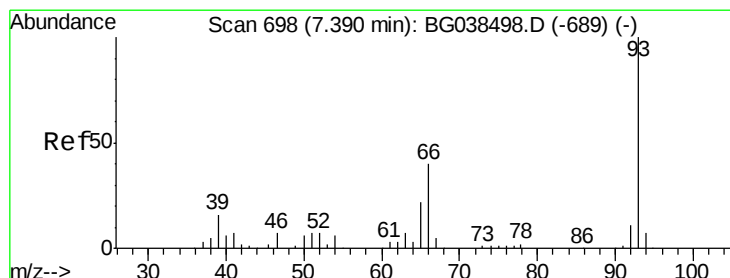
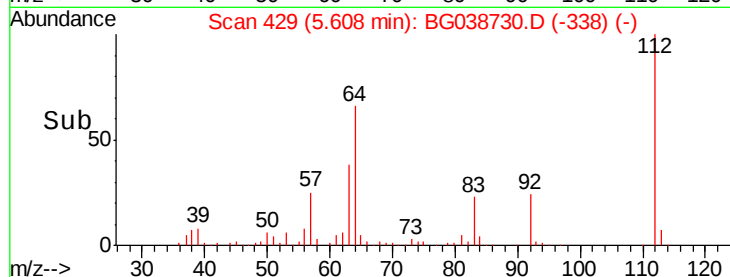
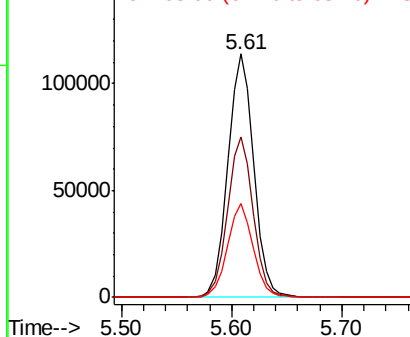
ClientSampleId :

PB115831BS

Tgt Ion:	112	Resp:	187282
Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.4	80.2
63	38.5	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: 28.450 ng

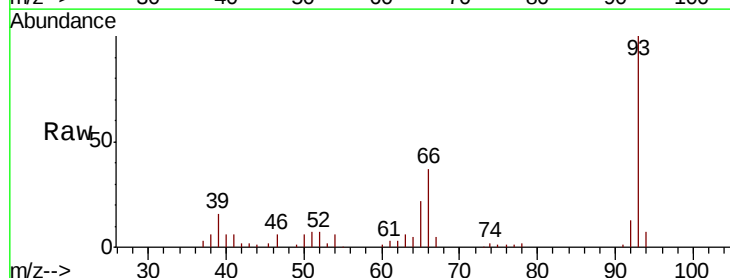
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

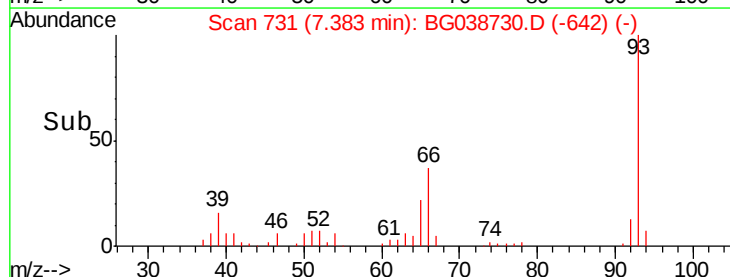
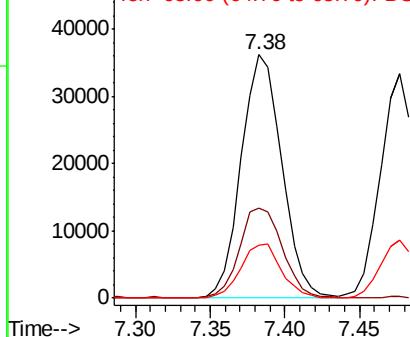
Lab File: BG038730.D

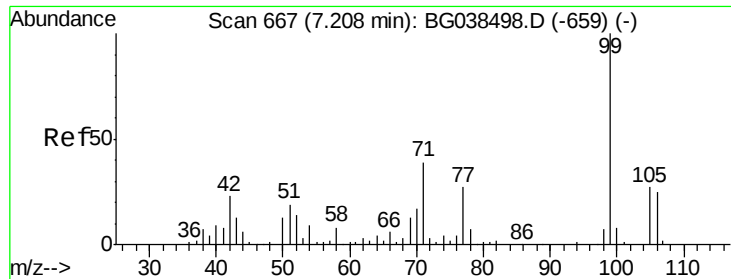
Acq: 19 Dec 2018 17:05

Tgt Ion:	93	Resp:	68317
Ion	Ratio	Lower	Upper
93	100		
66	36.9	31.7	47.5
65	21.6	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: 132.139 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

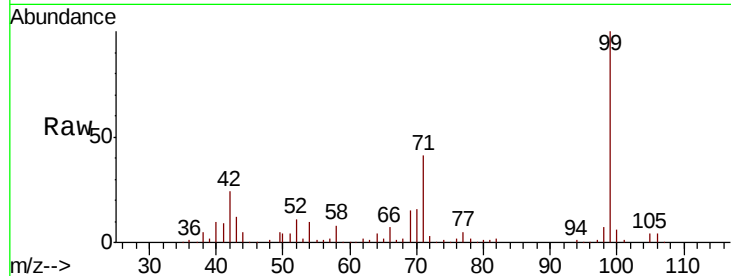
Tgt Ion: 99 Resp: 248561

Ion Ratio Lower Upper

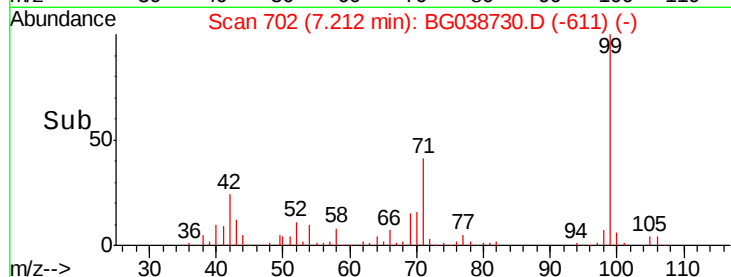
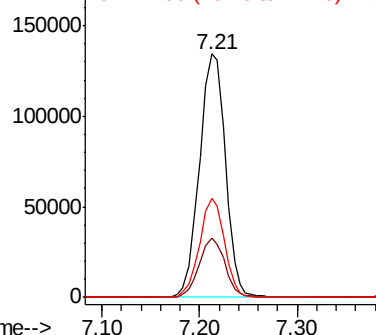
99 100

42 24.3 18.5 27.7

71 40.6 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: 42.081 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

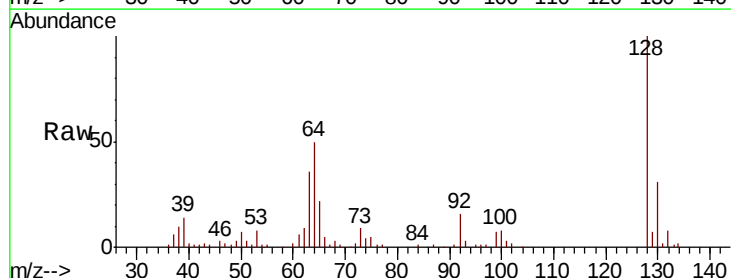
Tgt Ion: 128 Resp: 66727

Ion Ratio Lower Upper

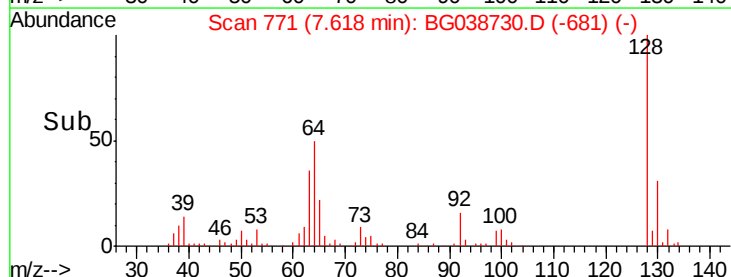
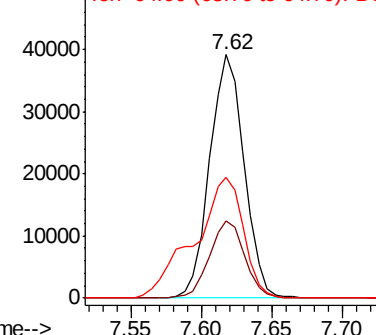
128 100

130 31.5 11.8 51.8

64 49.5 33.2 73.2



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





#9

Benzaldehyde

Concen: 17.290 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

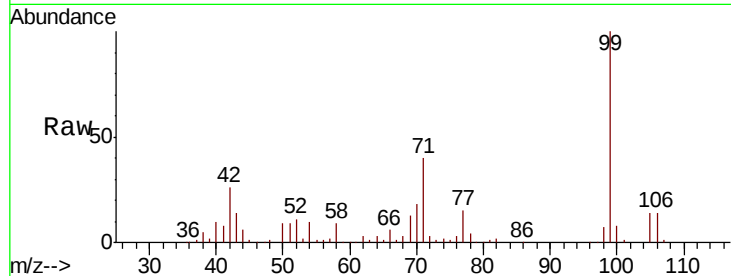
Tgt Ion: 77 Resp: 21099

Ion Ratio Lower Upper

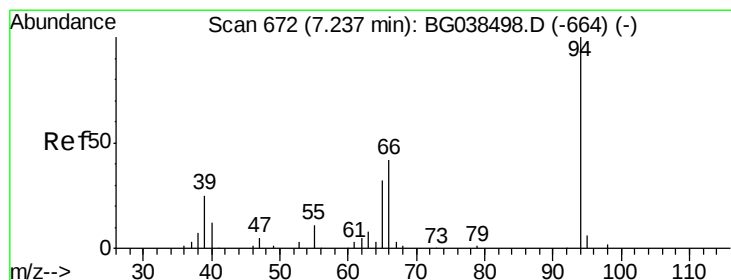
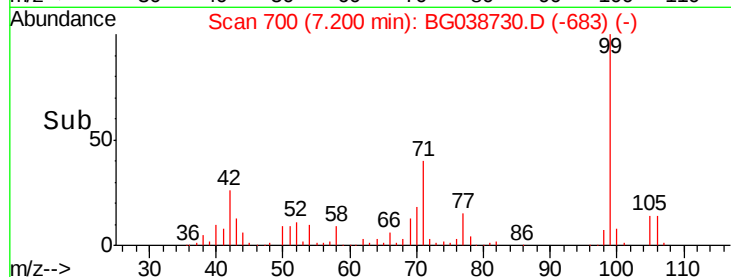
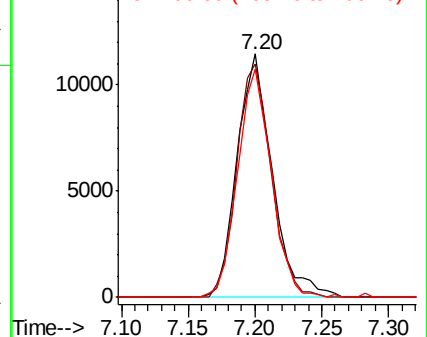
77 100

105 95.7 74.0 114.0

106 93.6 73.9 113.9



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



#10

Phenol

Concen: 42.405 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

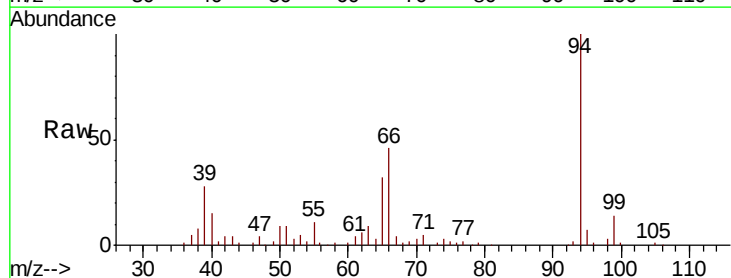
Tgt Ion: 94 Resp: 84743

Ion Ratio Lower Upper

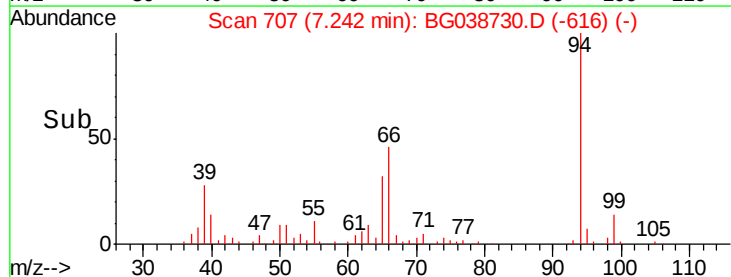
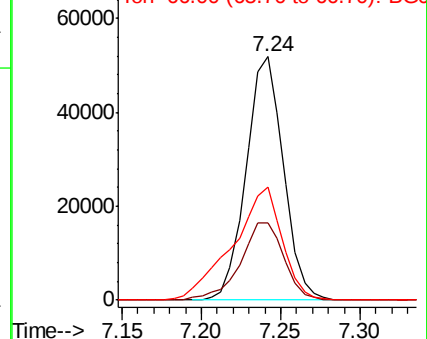
94 100

65 31.7 12.6 52.6

66 46.2 24.1 64.1



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

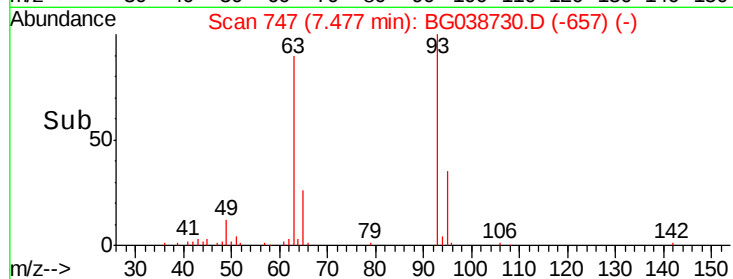
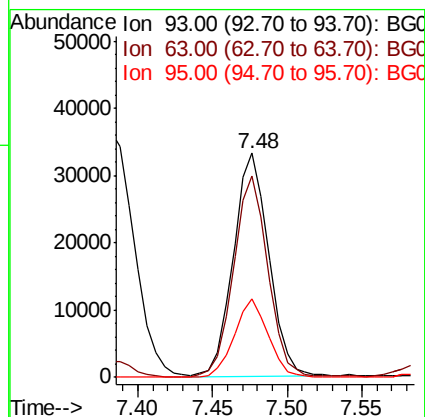
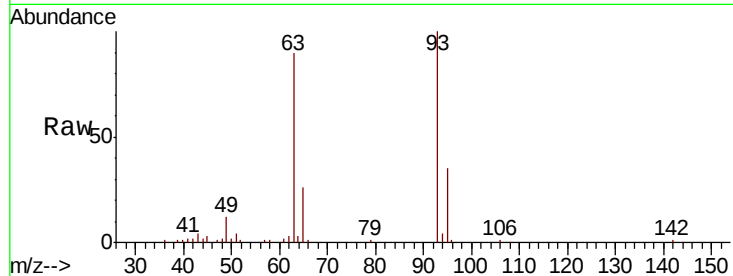




#11
 bis(2-Chloroethyl)ether
 Concen: 34.450 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

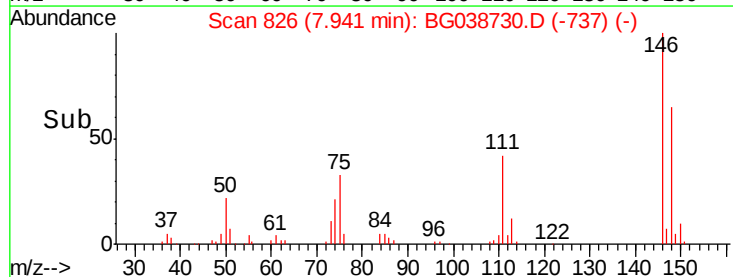
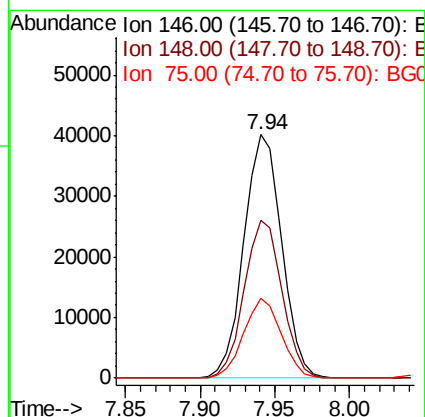
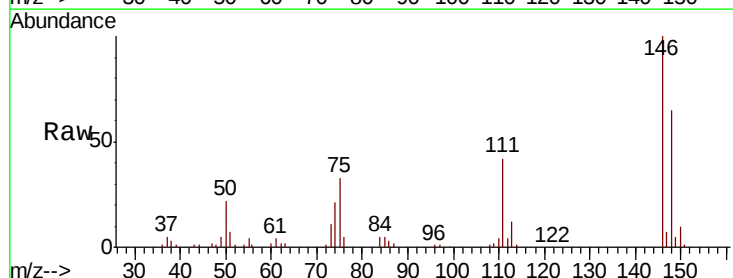
Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

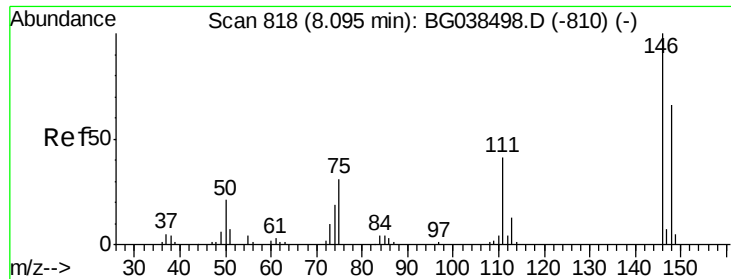
Tgt Ion: 93 Resp: 54813
 Ion Ratio Lower Upper
 93 100
 63 89.7 72.2 112.2
 95 35.0 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 37.478 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion: 146 Resp: 70266
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 75 32.6 26.1 39.1

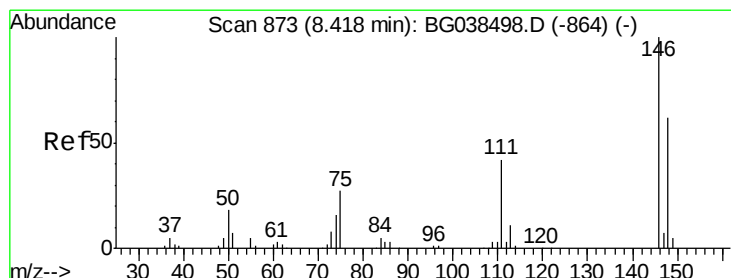
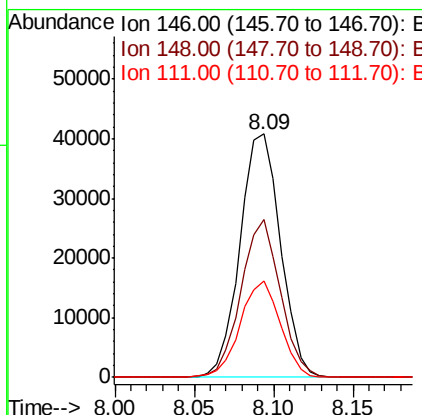
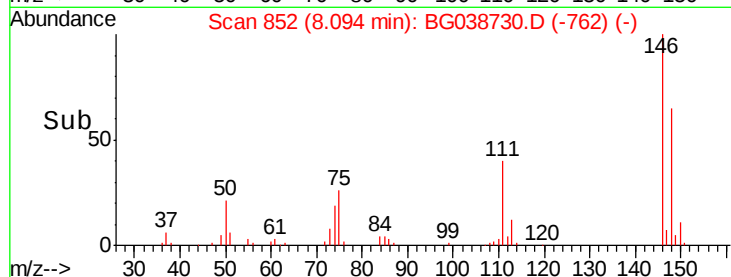
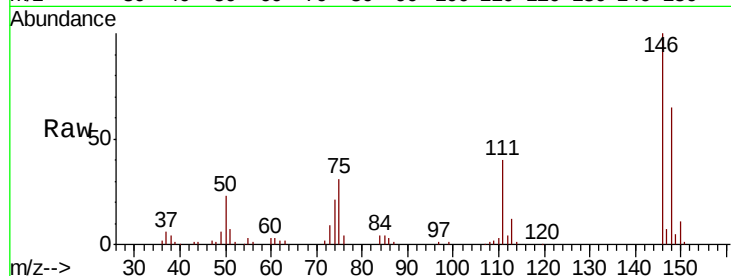




#13
 1,4-Dichlorobenzene
 Concen: 37.764 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

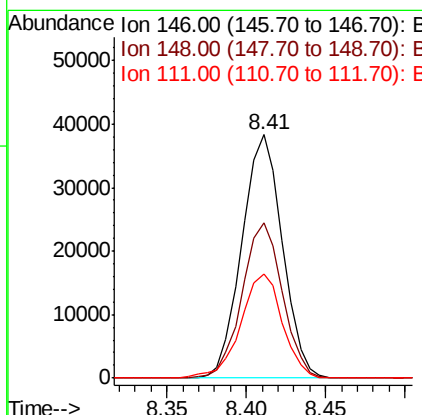
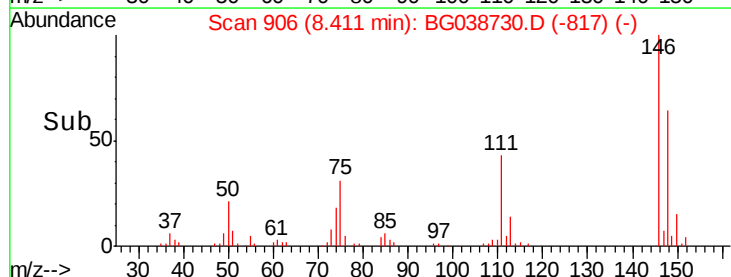
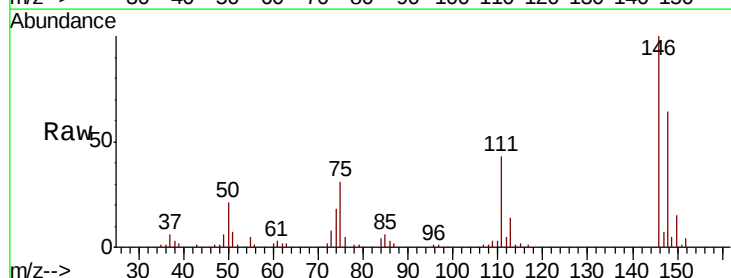
Instrument :
 BNA_G
 ClientSampleID :
 PB115831BS

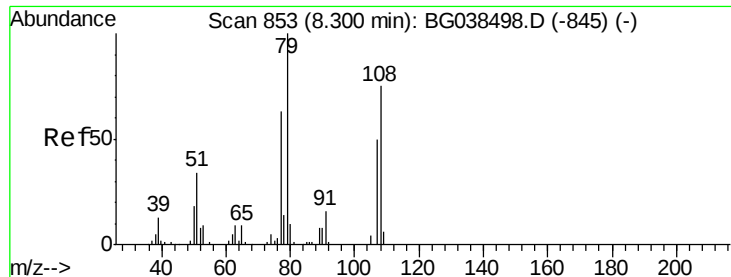
Tgt Ion:146 Resp: 72514
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.4 78.6
 111 39.6 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 37.599 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:146 Resp: 68062
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.4 74.0
 111 42.7 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.026 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

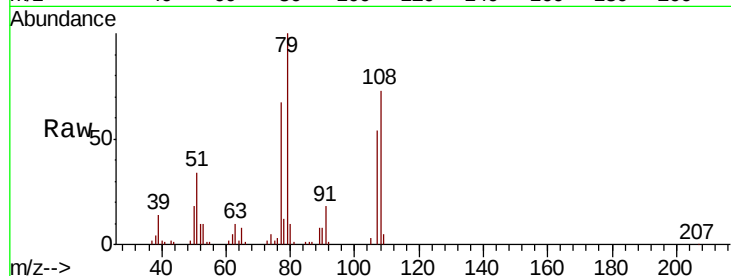
Tgt Ion: 79 Resp: 58767

Ion Ratio Lower Upper

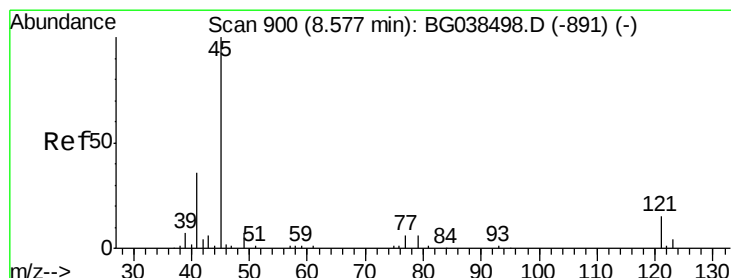
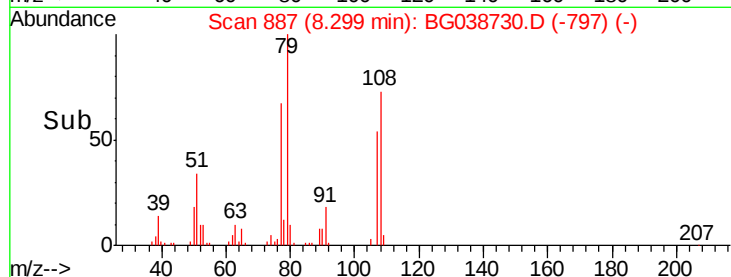
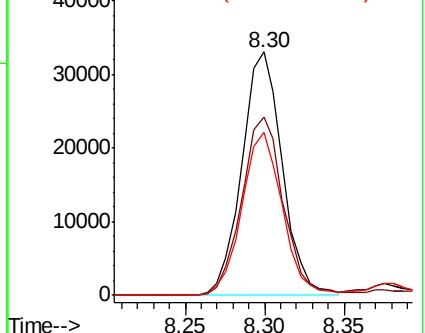
79 100

108 73.0 60.2 90.4

77 66.8 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: 32.910 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

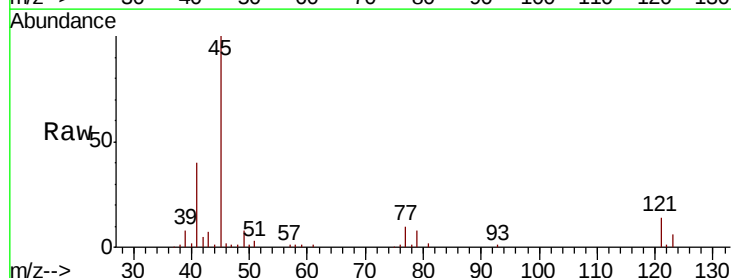
Tgt Ion: 45 Resp: 119949

Ion Ratio Lower Upper

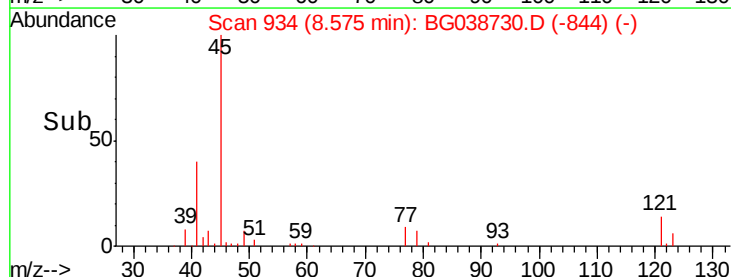
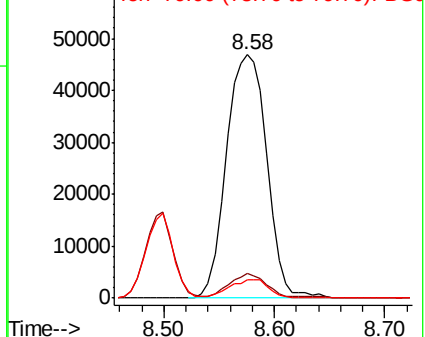
45 100

77 10.0 0.0 28.2

79 7.6 0.0 27.2



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

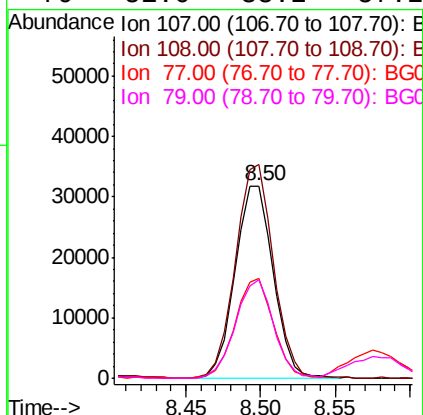
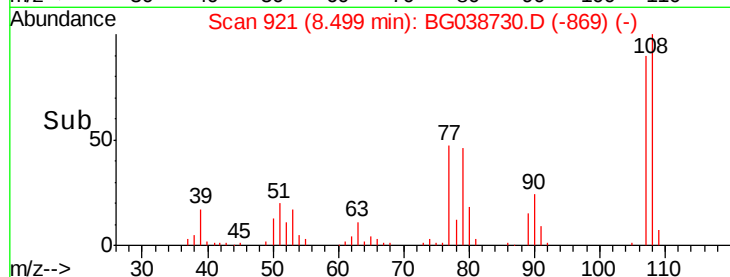
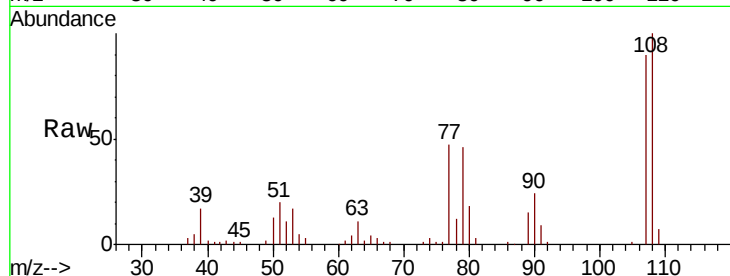




#17
2-Methylphenol
Concen: 42.264 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

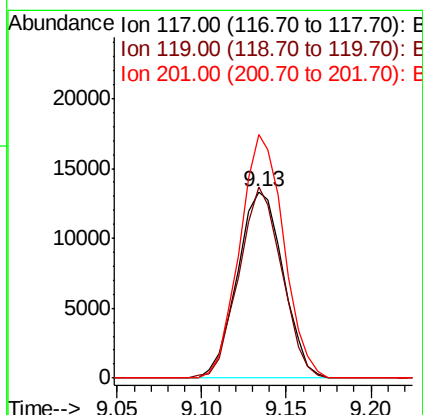
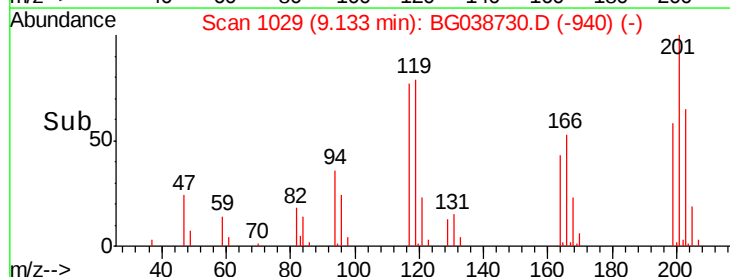
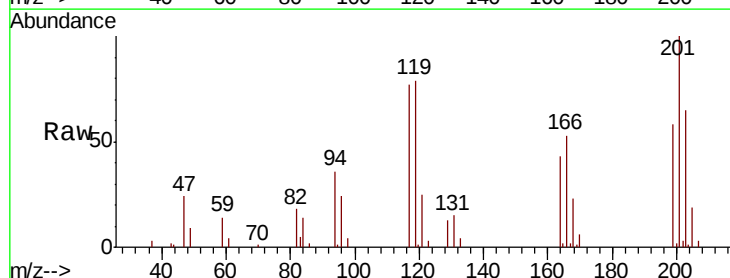
Instrument :
BNA_G
ClientSampleId :
PB115831BS

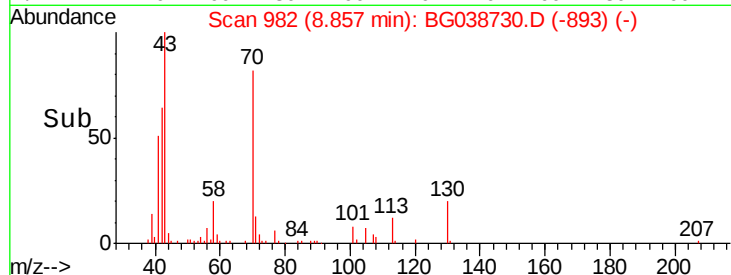
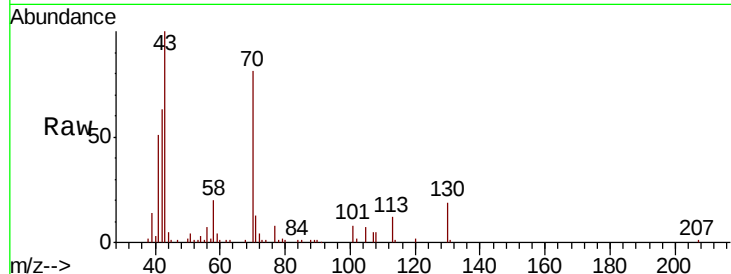
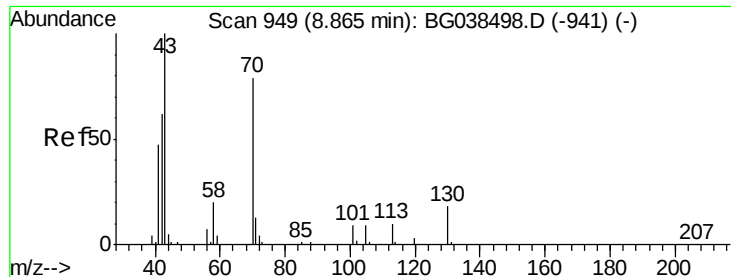
Tgt Ion:107 Resp: 56588
Ion Ratio Lower Upper
107 100
108 110.9 87.1 130.7
77 51.8 42.0 63.0
79 51.0 38.2 57.2



#18
Hexachloroethane
Concen: 35.934 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:117 Resp: 25213
Ion Ratio Lower Upper
117 100
119 102.4 73.8 110.8
201 130.5 89.4 134.0

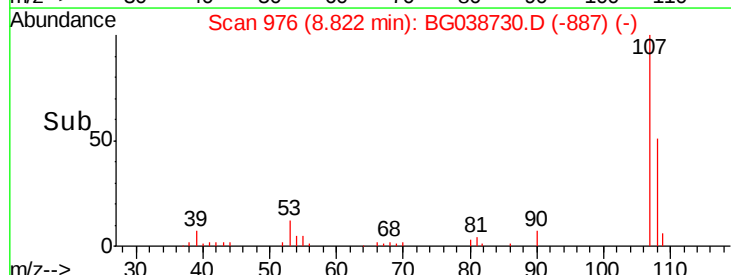
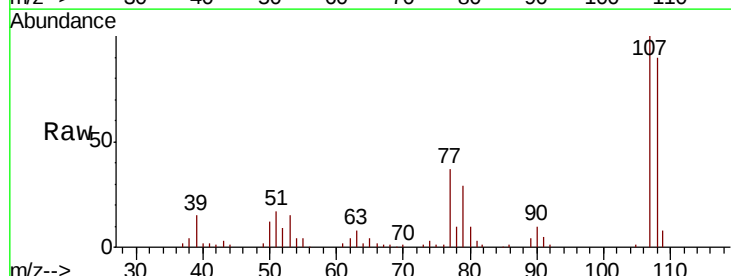
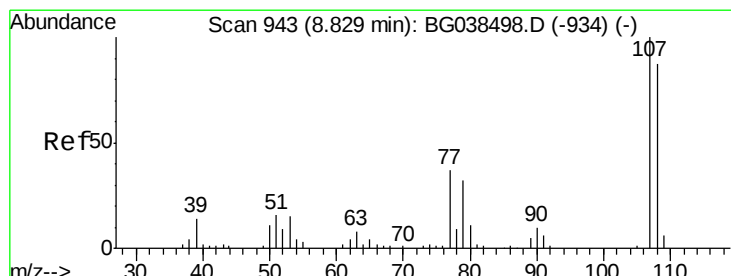
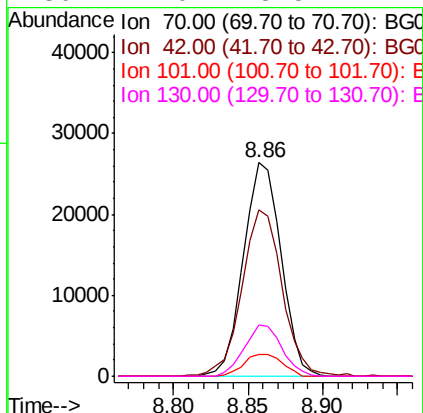




#19
n-Nitroso-di-n-propylamine
Concen: 34.878 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

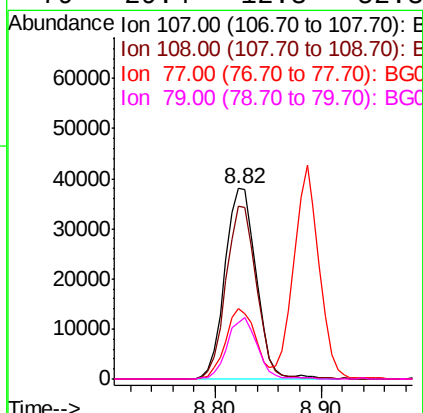
Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tgt Ion:	70	Resp:	46079
Ion	Ratio	Lower	Upper
70	100		
42	78.1	63.6	95.4
101	10.3	9.2	13.8
130	24.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 42.100 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:	107	Resp:	77848
Ion	Ratio	Lower	Upper
107	100		
108	90.4	66.7	106.7
77	36.8	17.3	57.3
79	29.4	12.3	52.3

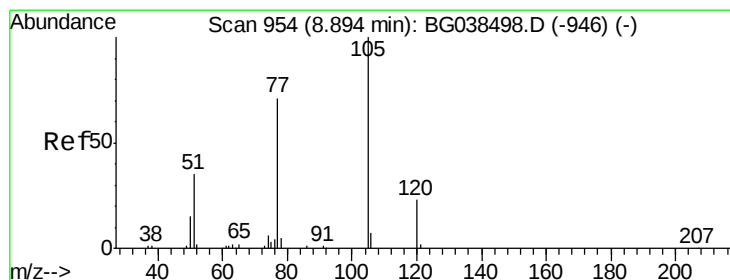
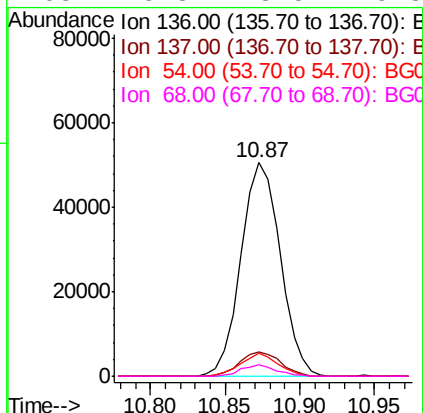
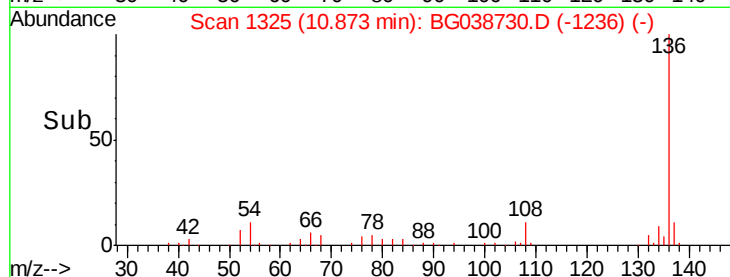
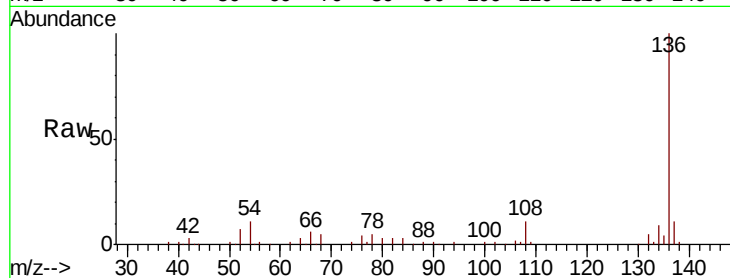




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

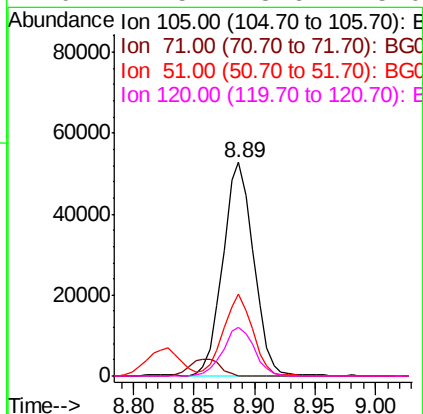
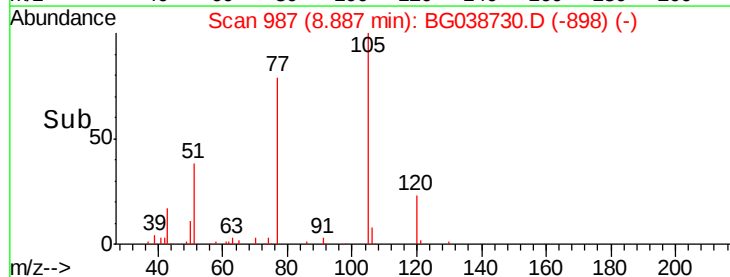
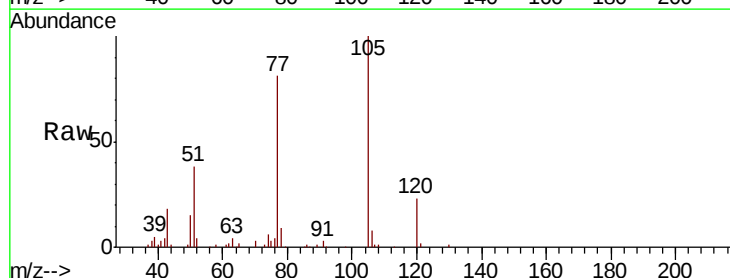
Instrument :
BNA_G
ClientSampleId :
PB115831BS

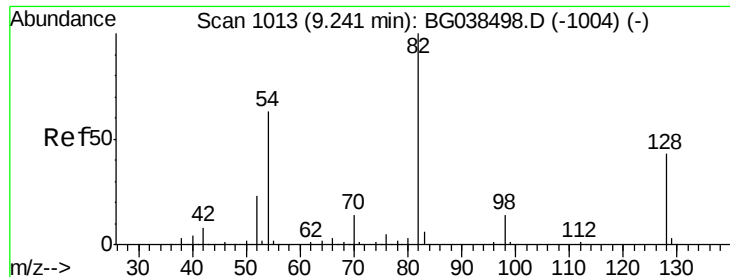
Tgt Ion:	136	Resp:	92389
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	10.8	8.5	12.7
68	5.3	3.5	5.3



#22
Acetophenone
Concen: 40.389 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:	105	Resp:	93204
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	38.3	30.6	46.0
120	22.5	18.6	28.0

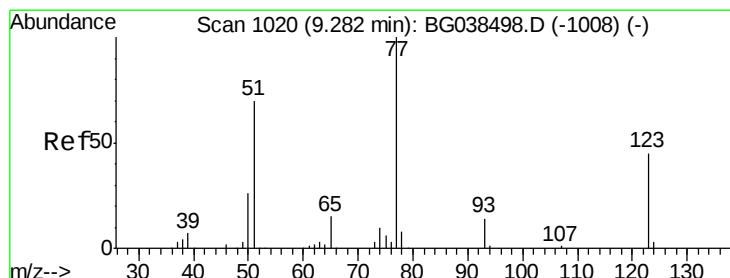
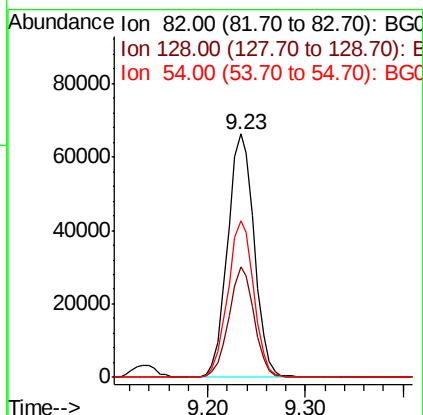
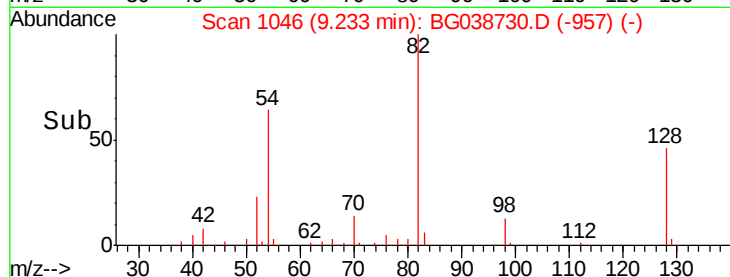
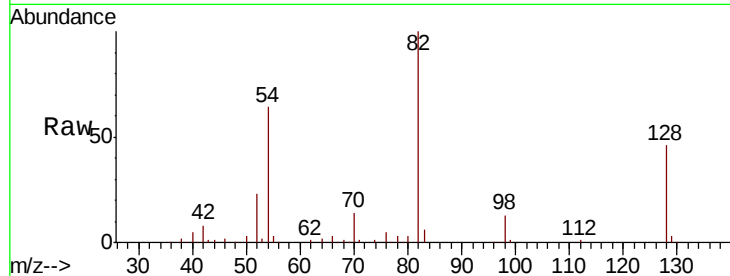




#23
Nitrobenzene-d5
Concen: 68.884 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

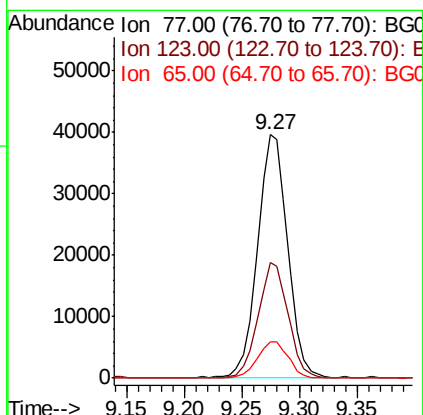
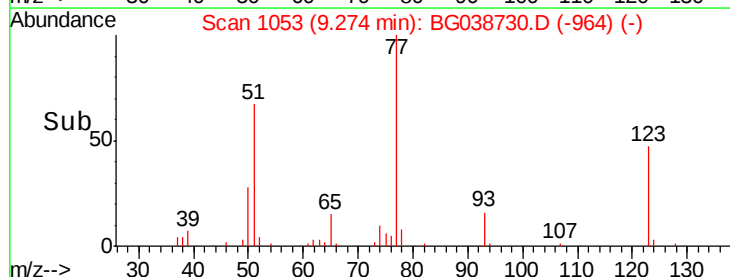
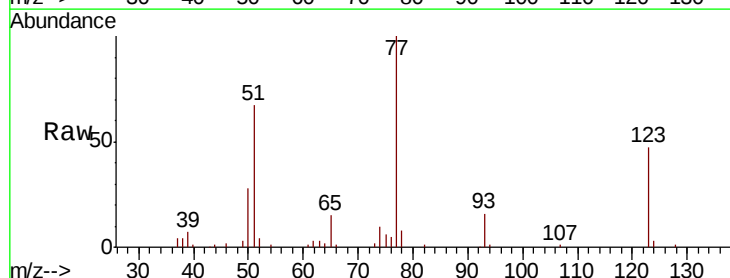
Instrument :
BNA_G
ClientSampleId :
PB115831BS

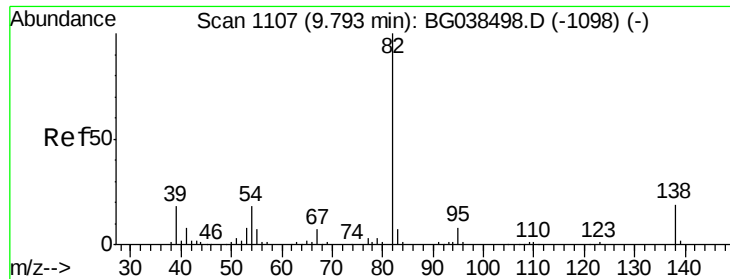
Tgt Ion: 82 Resp: 124574
Ion Ratio Lower Upper
82 100
128 45.6 34.6 52.0
54 64.2 50.6 76.0



#24
Nitrobenzene
Concen: 39.432 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion: 77 Resp: 72141
Ion Ratio Lower Upper
77 100
123 47.5 35.9 53.9
65 14.9 12.0 18.0





#25

Isophorone

Concen: 40.250 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

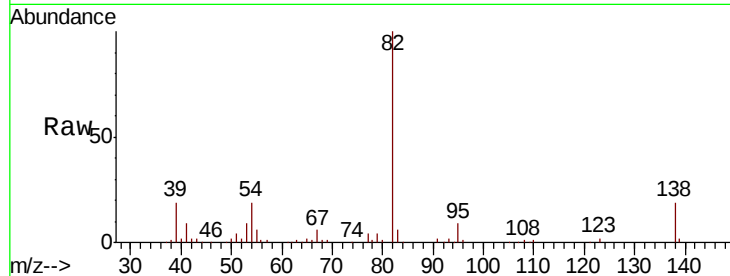
Tgt Ion: 82 Resp: 130783

Ion Ratio Lower Upper

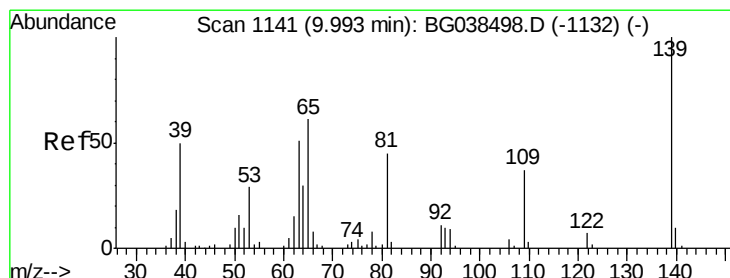
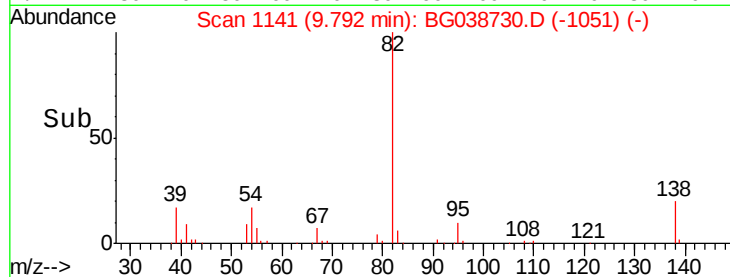
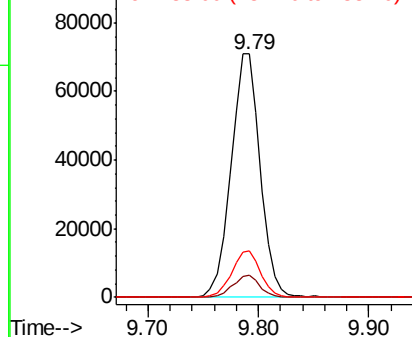
82 100

95 9.0 6.1 9.1

138 19.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.910 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

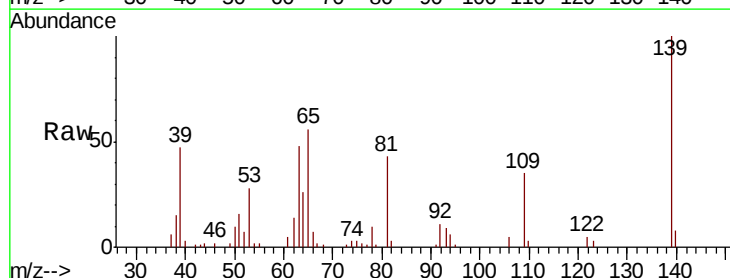
Tgt Ion: 139 Resp: 38307

Ion Ratio Lower Upper

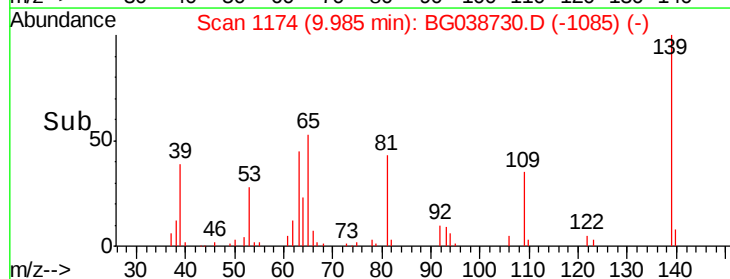
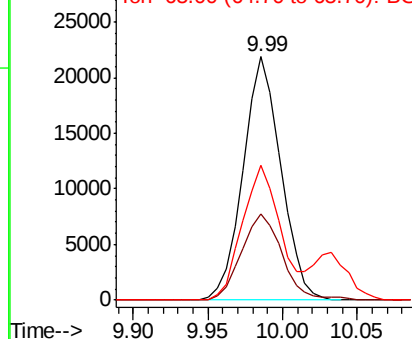
139 100

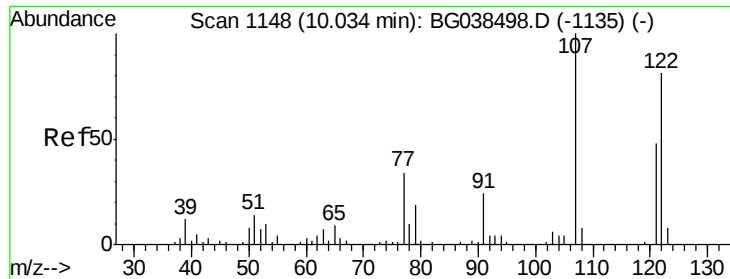
109 35.2 29.5 44.3

65 55.6 48.5 72.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

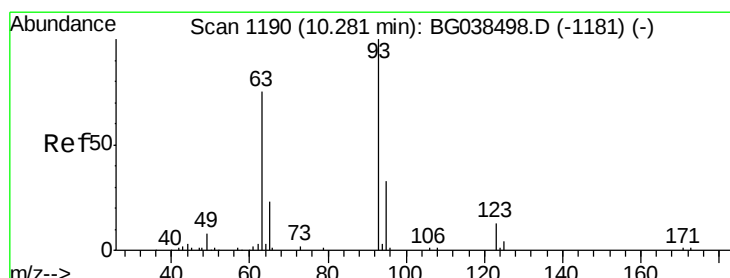
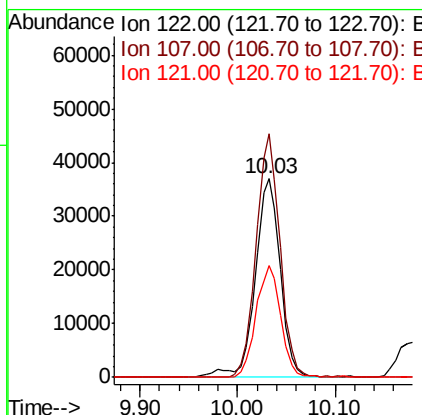
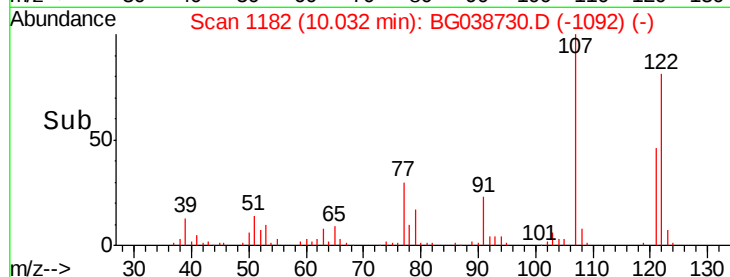
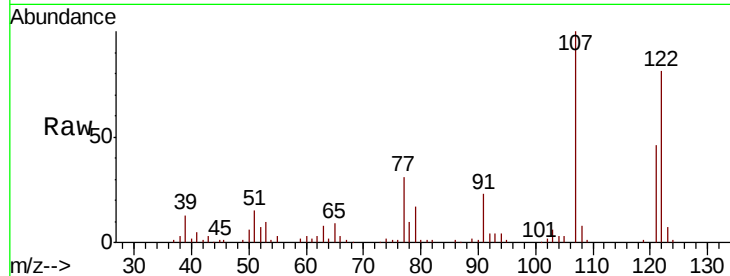




#27
 2,4-Dimethylphenol
 Concen: 49.855 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

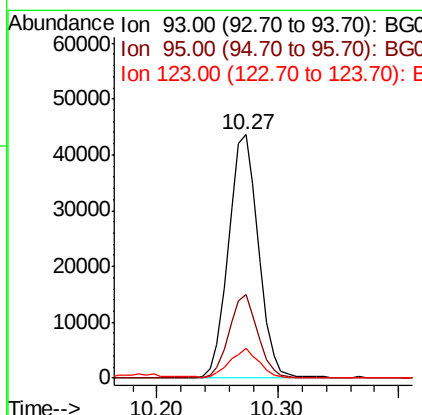
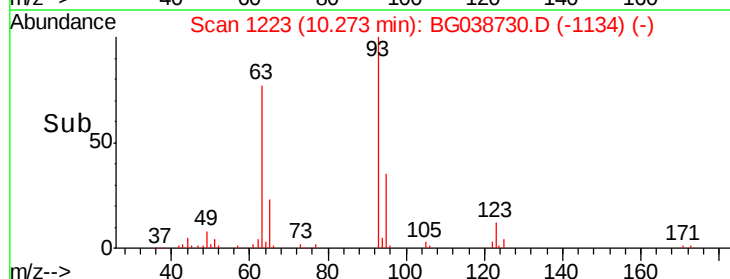
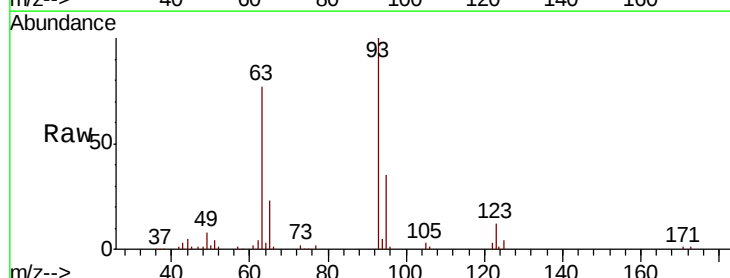
Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

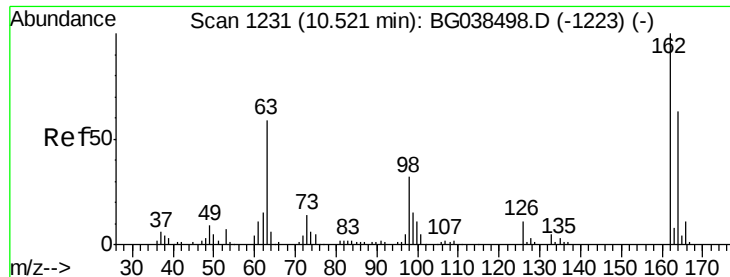
Tgt Ion:122 Resp: 66904
 Ion Ratio Lower Upper
 122 100
 107 122.7 98.4 147.6
 121 56.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.047 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion: 93 Resp: 75267
 Ion Ratio Lower Upper
 93 100
 95 34.6 26.6 40.0
 123 12.1 10.6 16.0

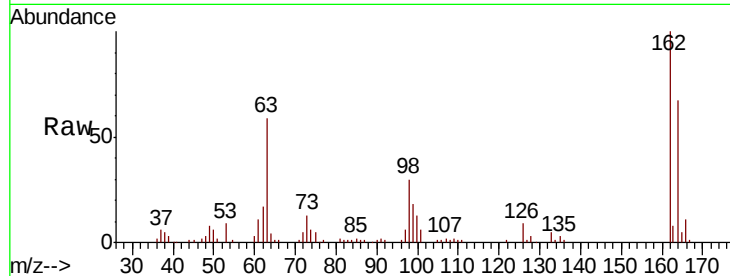




#29
 2,4-Dichlorophenol
 Concen: 47.866 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.3	42.9	82.9
98	30.5	12.1	52.1

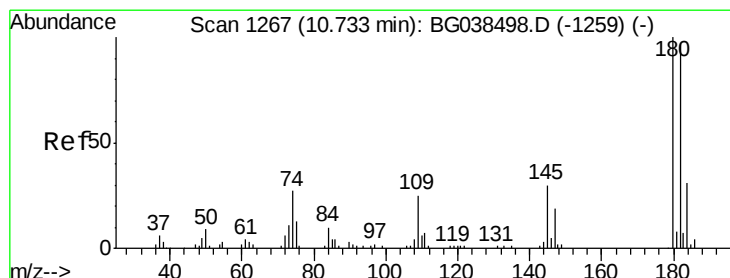
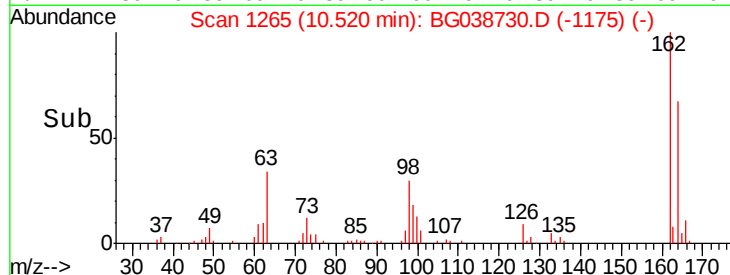
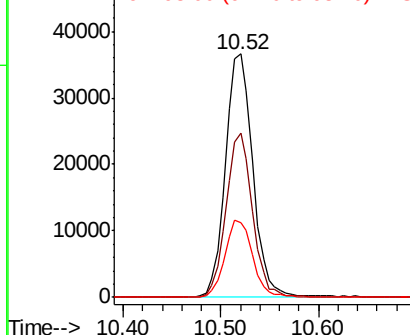


Abundance

Ion 162.00 (161.70 to 162.70): E

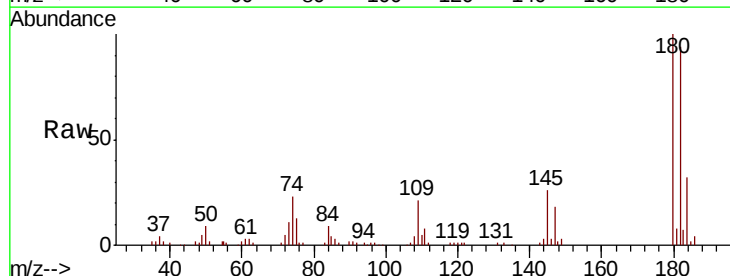
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 42.272 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.4	116.0
145	25.7	24.1	36.1

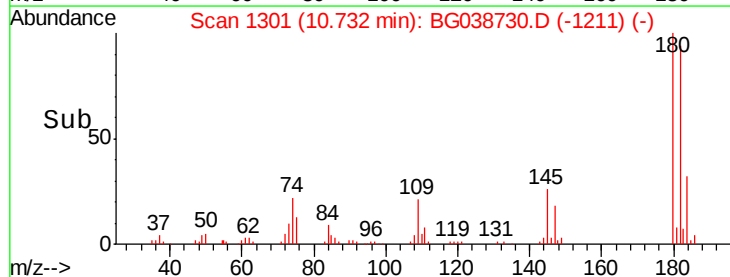
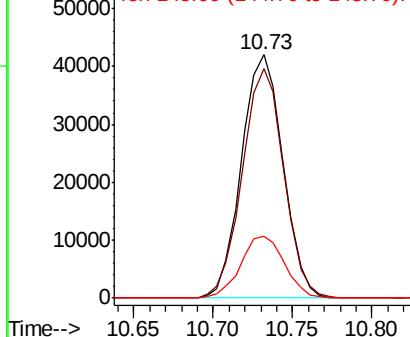


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

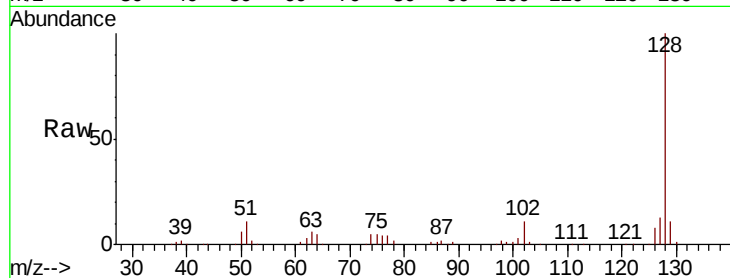




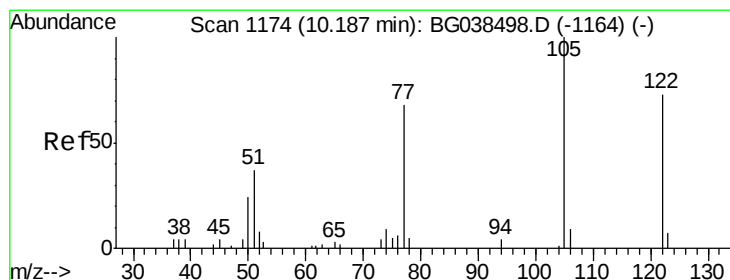
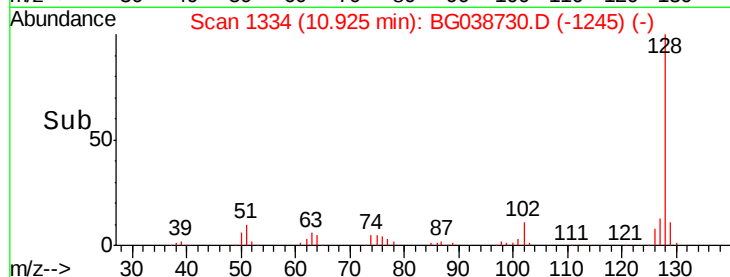
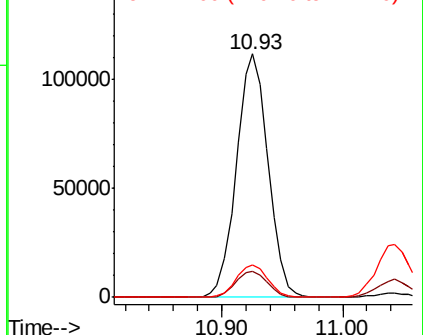
#31
Naphthalene
Concen: 44.739 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tgt Ion:128 Resp: 203657
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.3 10.9 16.3

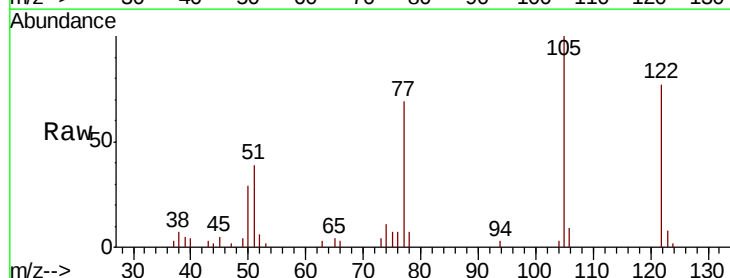


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

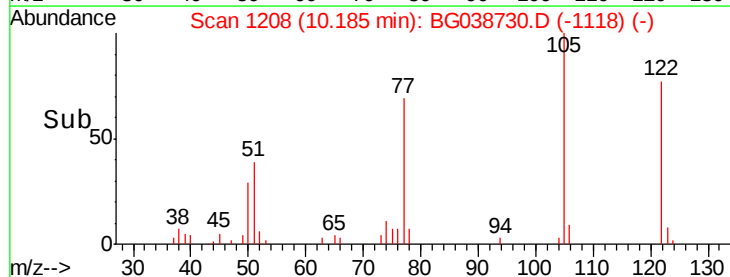
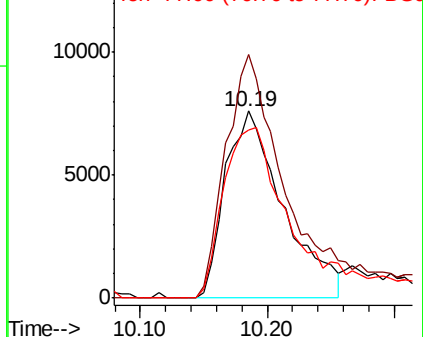


#32
Benzoic acid
Concen: 32.484 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:122 Resp: 24136
Ion Ratio Lower Upper
122 100
105 130.4 116.7 156.7
77 89.9 72.5 112.5



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

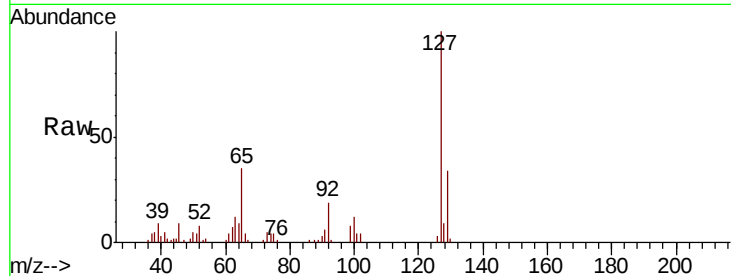




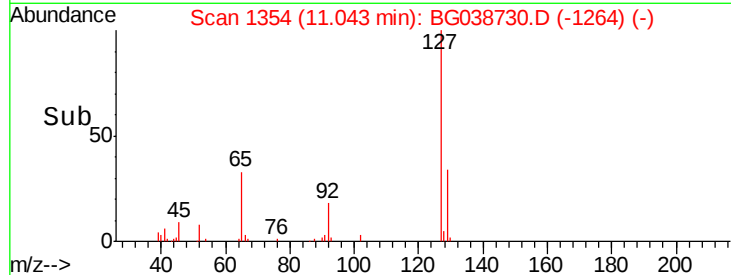
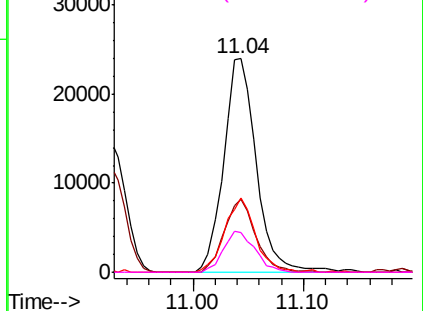
#33
4-Chloroaniline
Concen: 25.156 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tgt Ion:	127	Resp:	49715
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	34.5	27.8	41.6
92	18.8	17.0	25.6

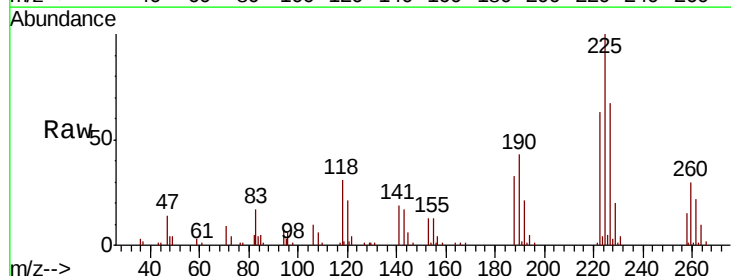


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

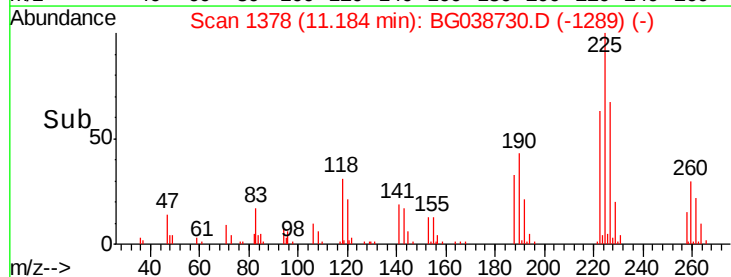
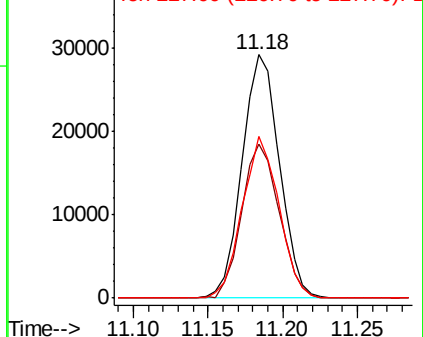


#34
Hexachlorobutadiene
Concen: 41.413 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:	225	Resp:	50532
Ion	Ratio	Lower	Upper
225	100		
223	64.1	45.0	67.6
227	66.4	50.6	75.8



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





#35

Caprolactam

Concen: 38.085 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

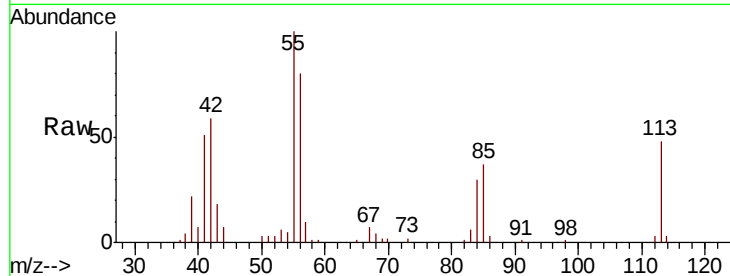
Tgt Ion:113 Resp: 23530

Ion Ratio Lower Upper

113 100

55 208.2 204.3 244.3

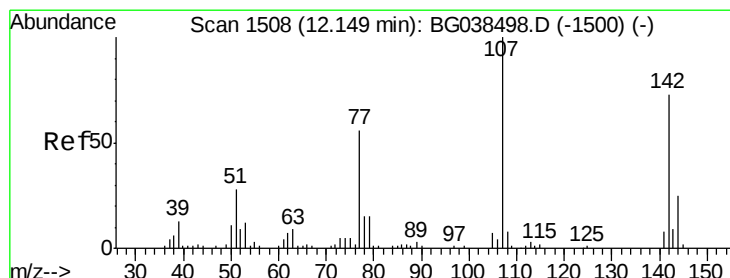
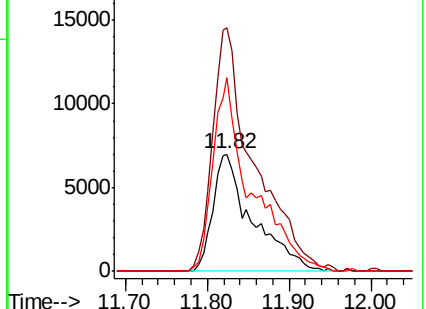
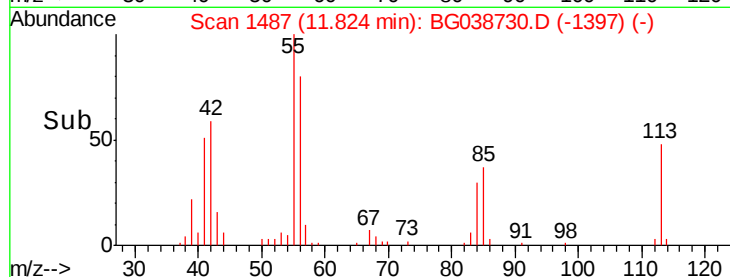
56 166.0 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038730.D (-1397) (-)

Ion 56.00 (55.70 to 56.70): BG038730.D (-1397) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.612 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

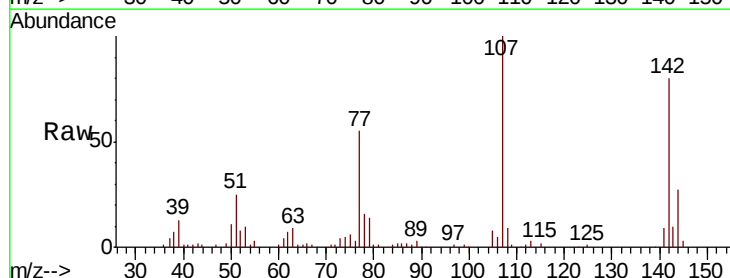
Tgt Ion:107 Resp: 74301

Ion Ratio Lower Upper

107 100

144 26.7 20.1 30.1

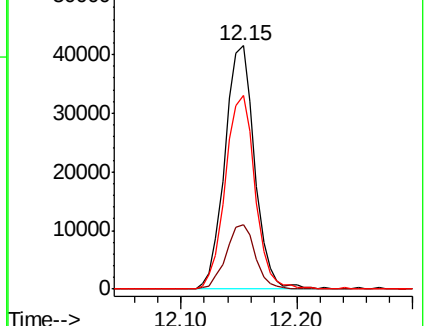
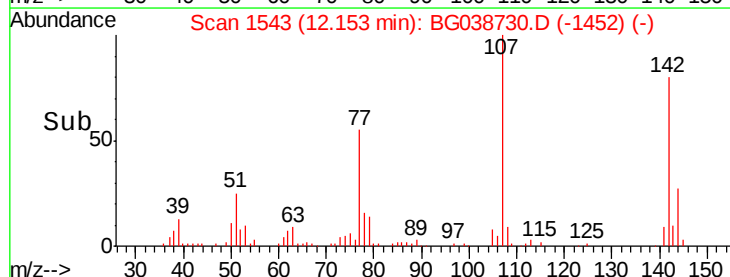
142 79.6 58.7 88.1

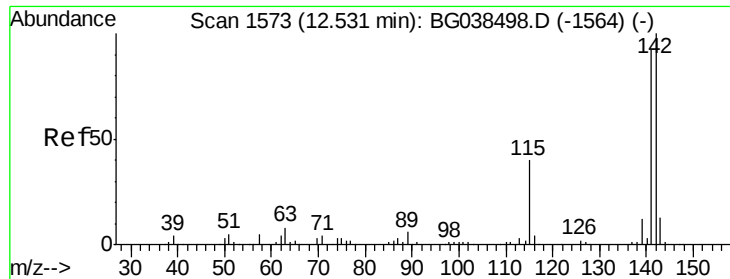


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

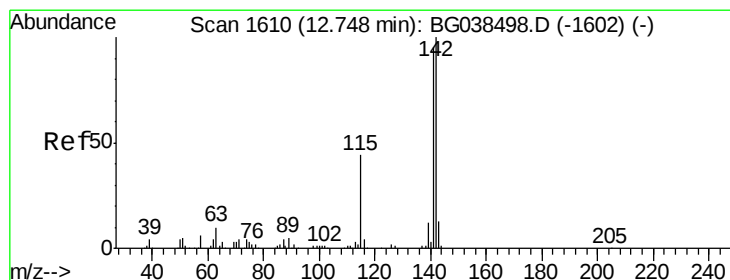
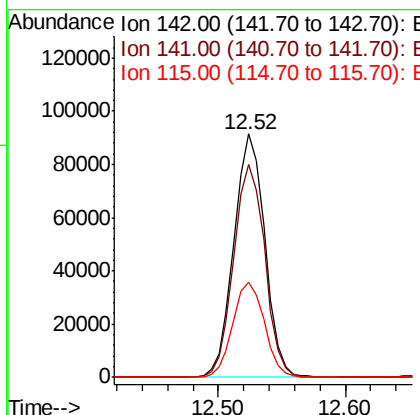
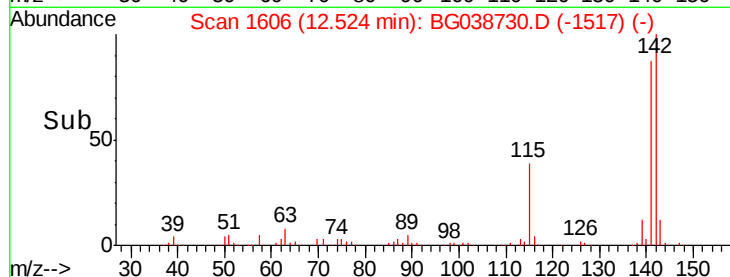
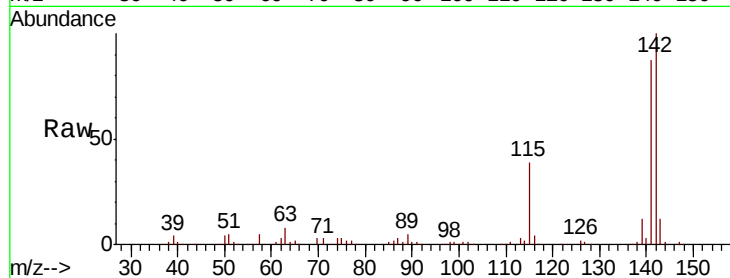




#37
 2-Methylnaphthalene
 Concen: 47.549 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

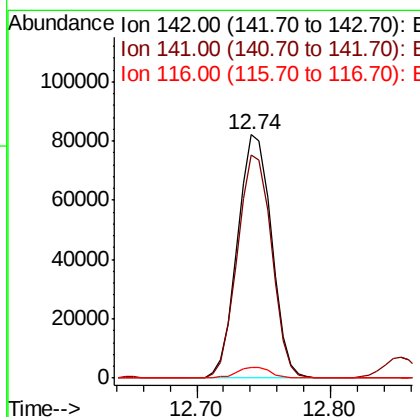
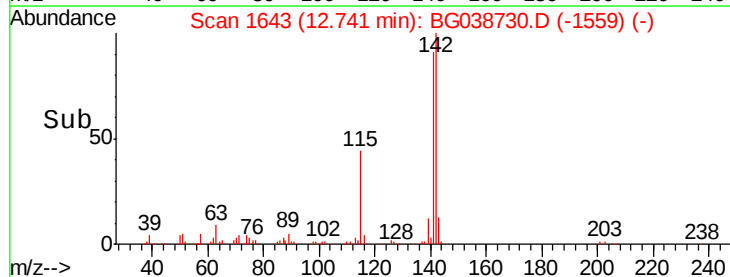
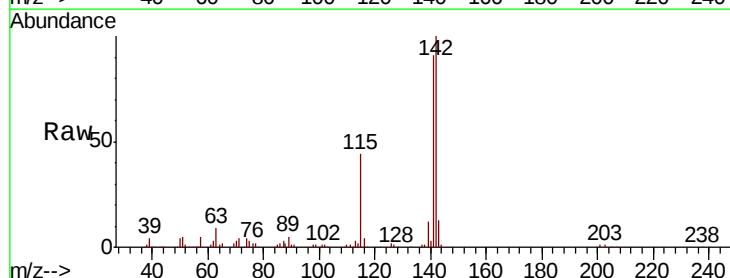
Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tgt Ion:142 Resp: 154415
 Ion Ratio Lower Upper
 142 100
 141 87.3 73.5 110.3
 115 39.1 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 46.104 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:142 Resp: 145289
 Ion Ratio Lower Upper
 142 100
 141 91.5 75.8 113.8
 116 4.4 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

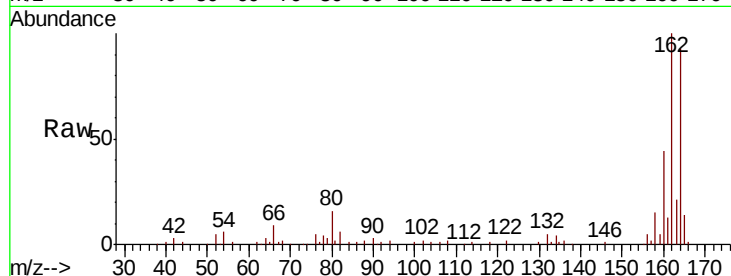
Tgt Ion:164 Resp: 61467

Ion Ratio Lower Upper

164 100

162 107.1 86.6 130.0

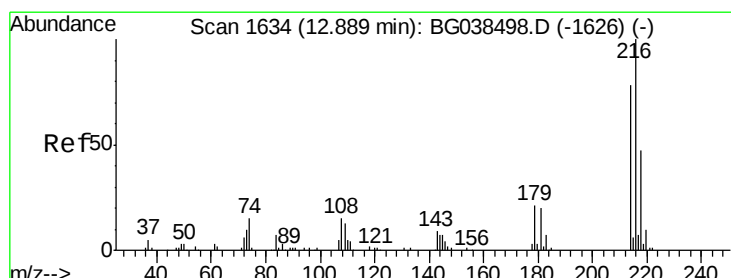
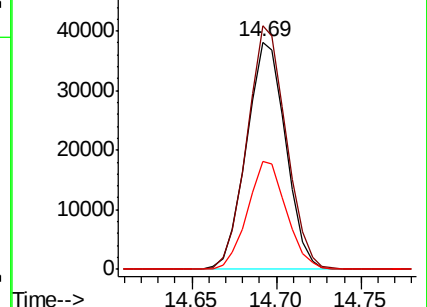
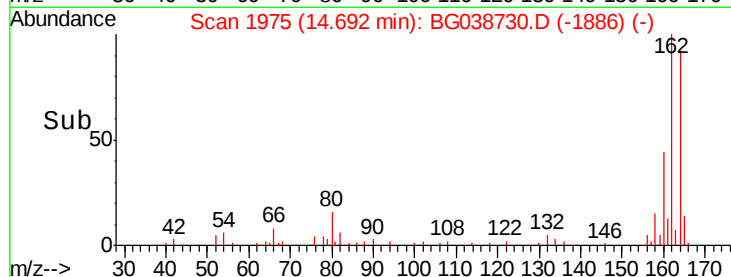
160 47.4 34.2 51.2



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: 40.754 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Tgt Ion:216 Resp: 93637

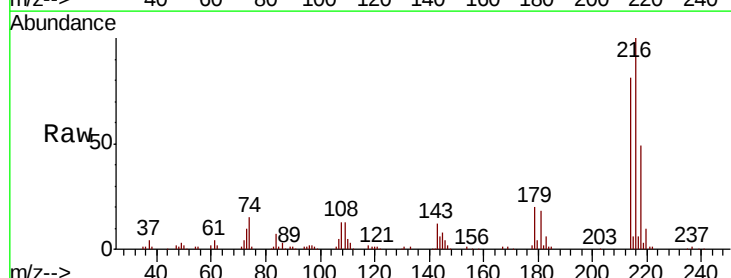
Ion Ratio Lower Upper

216 100

214 79.2 64.1 96.1

179 19.6 16.4 24.6

108 16.9 13.9 20.9

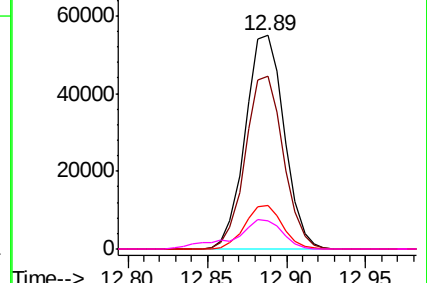
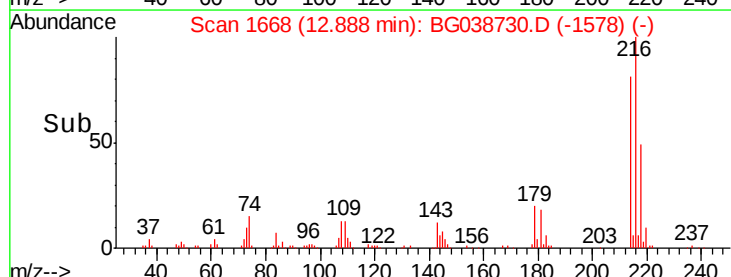


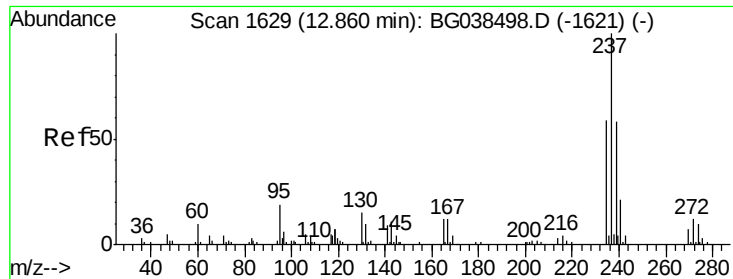
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.117 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

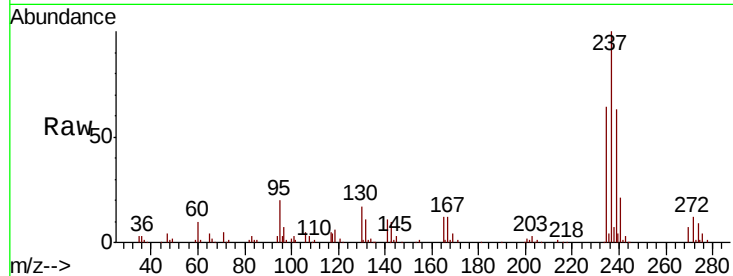
Tgt Ion:237 Resp: 111230

Ion Ratio Lower Upper

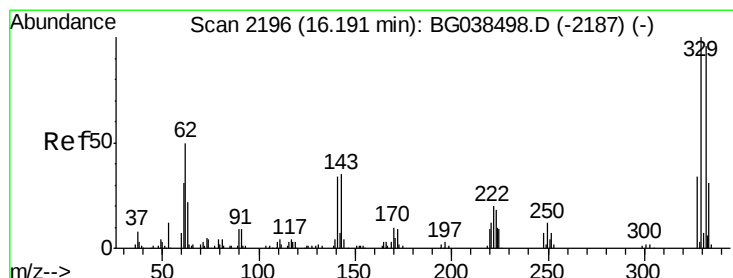
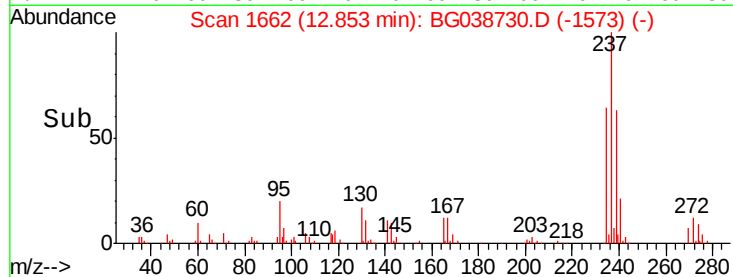
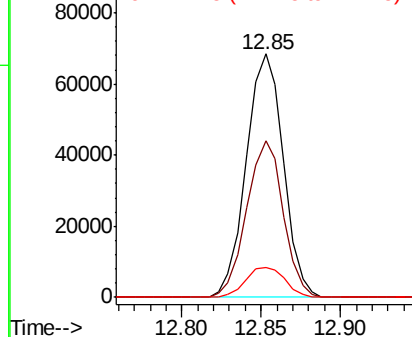
237 100

235 64.4 38.8 78.8

272 12.1 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.243 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

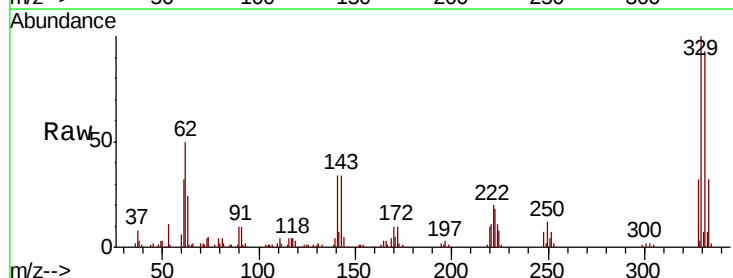
Tgt Ion:330 Resp: 128969

Ion Ratio Lower Upper

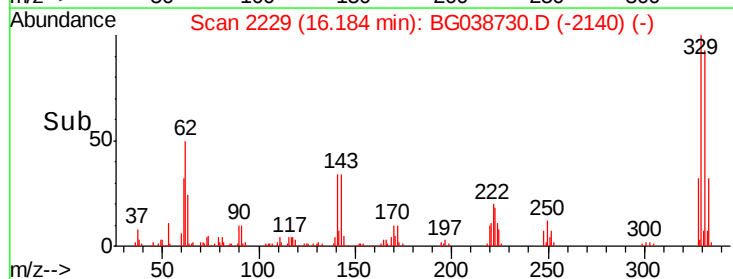
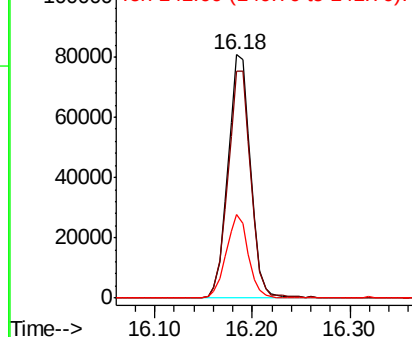
330 100

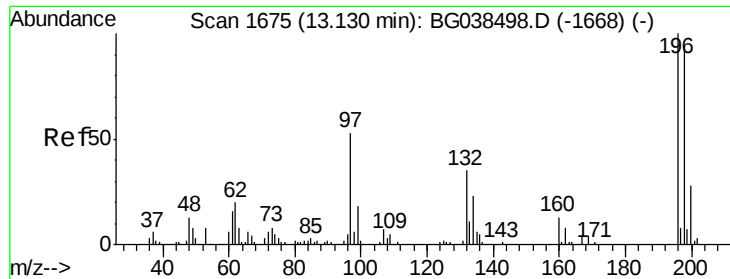
332 94.3 76.9 115.3

141 33.5 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

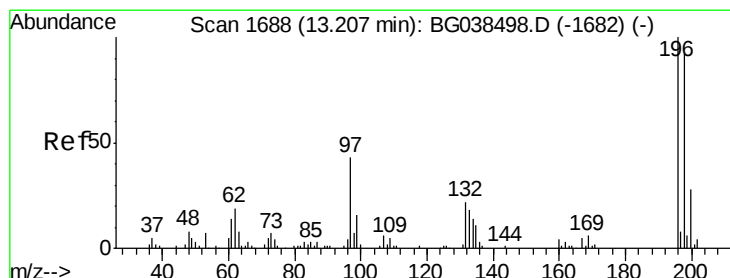
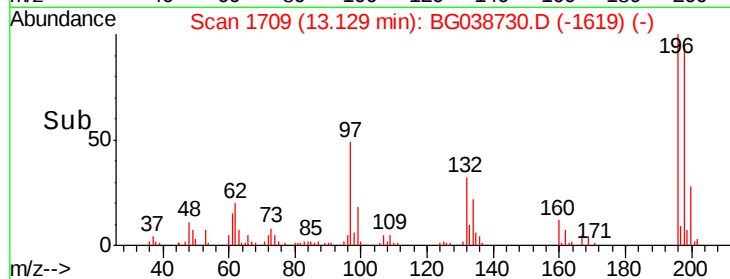
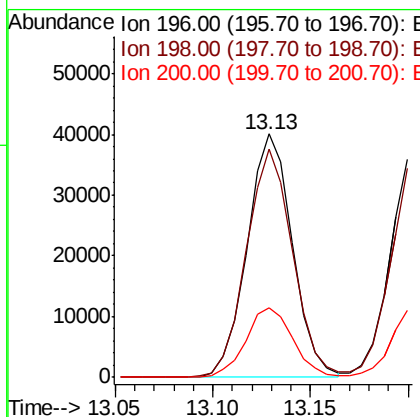
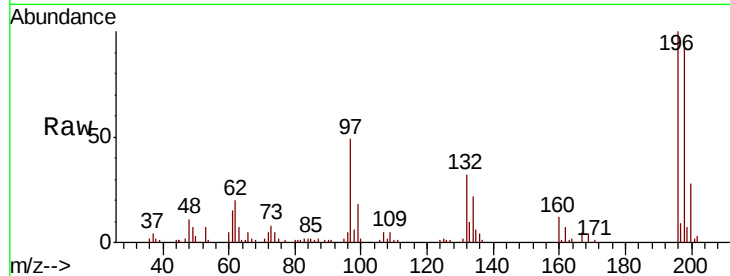




#43
 2,4,6-Trichlorophenol
 Concen: 45.306 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

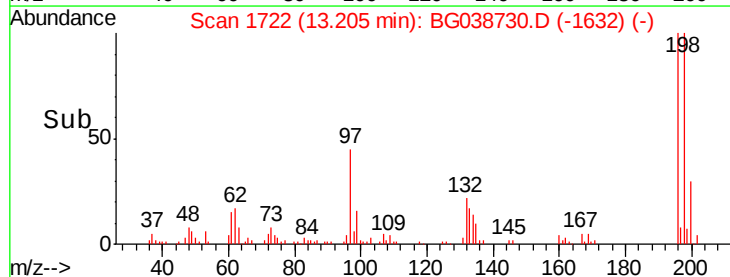
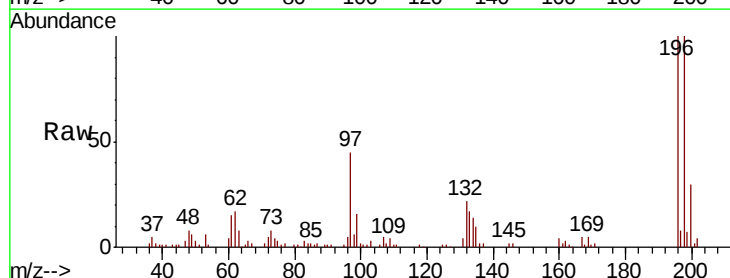
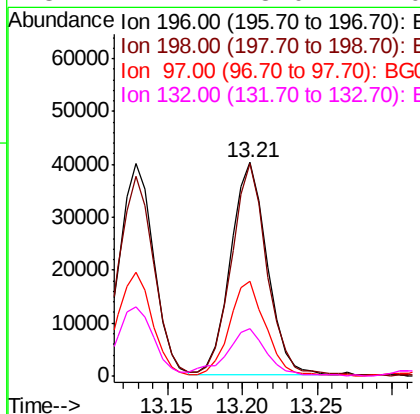
Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

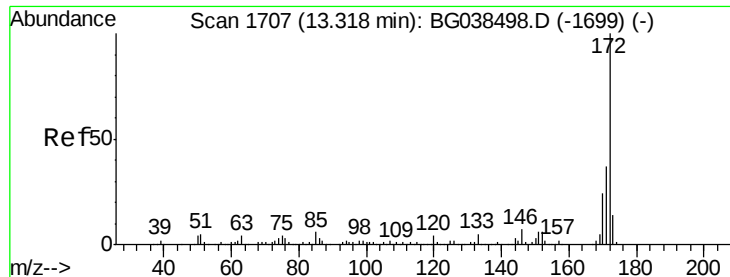
Tgt Ion:196 Resp: 64005
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.0 112.4
 200 28.3 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.803 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:196 Resp: 68509
 Ion Ratio Lower Upper
 196 100
 198 99.7 74.0 111.0
 97 44.5 35.1 52.7
 132 22.2 18.0 27.0

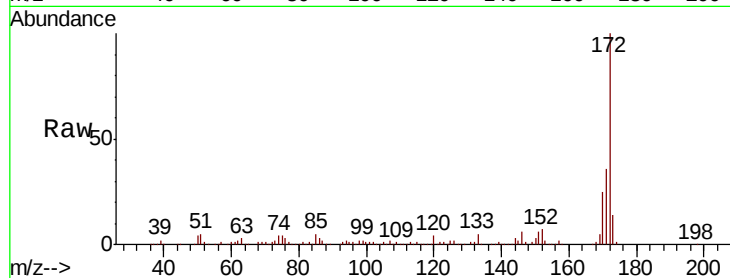




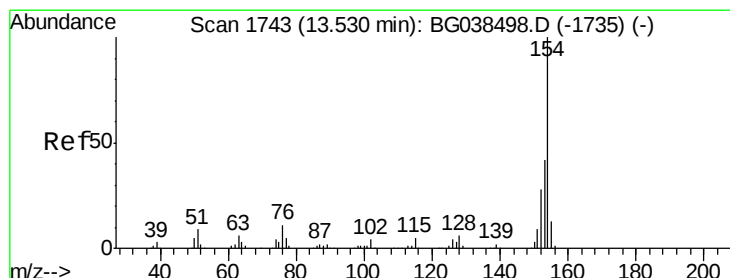
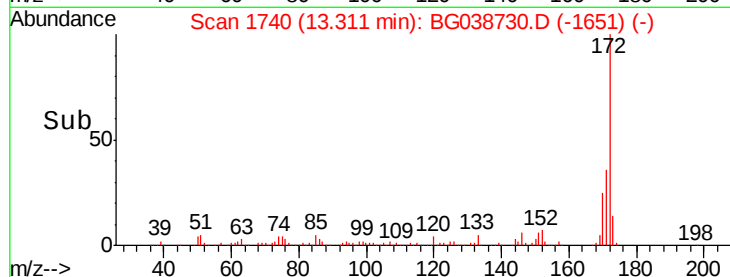
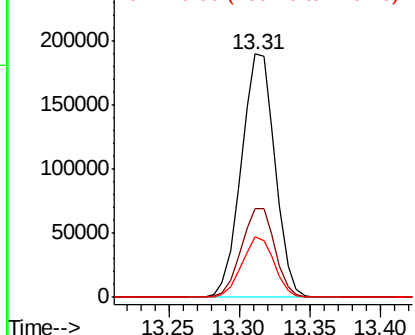
#45
 2-Fluorobiphenyl
 Concen: 70.551 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tgt Ion:172 Resp: 316110
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.7 19.5 29.3

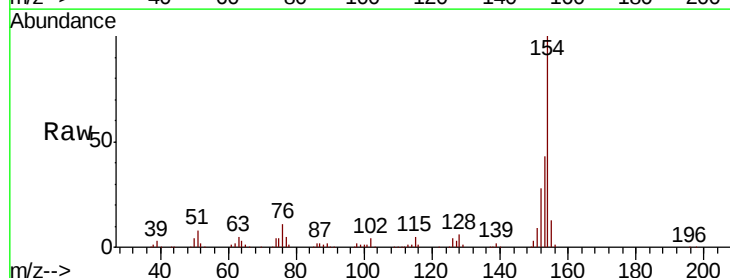


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

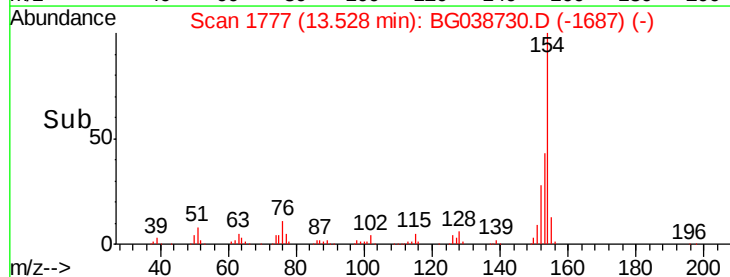
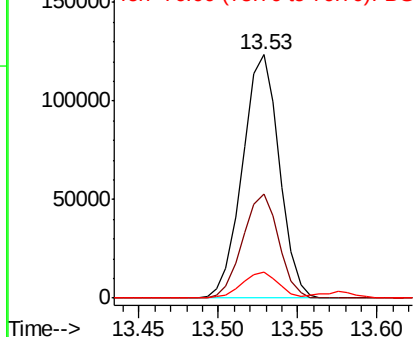


#46
 1,1'-Biphenyl
 Concen: 38.552 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:154 Resp: 198656
 Ion Ratio Lower Upper
 154 100
 153 42.5 22.1 62.1
 76 10.8 0.0 31.2



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

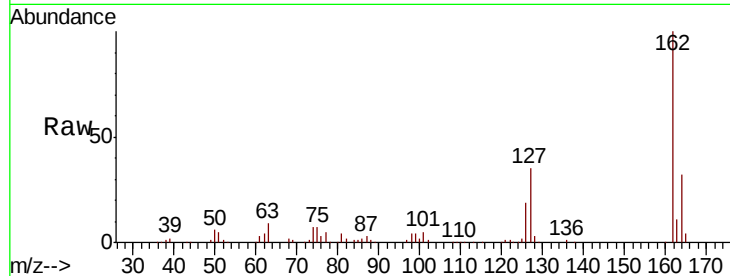




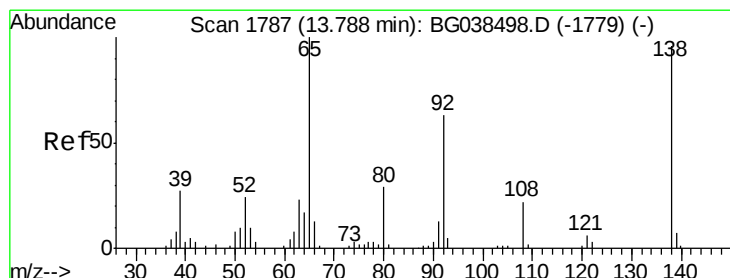
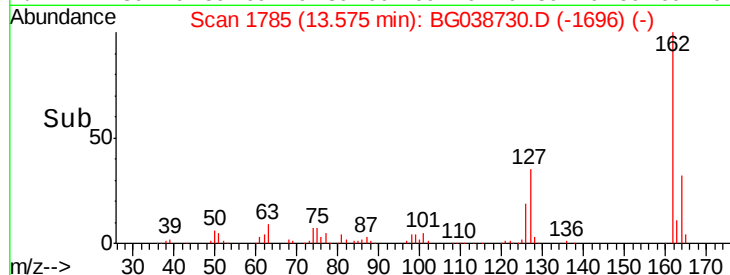
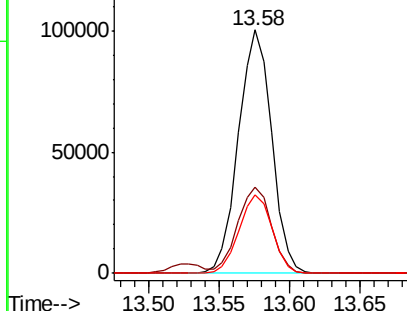
#47
 2-Chloronaphthalene
 Concen: 41.474 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	27.8	41.8
164	32.1	26.9	40.3

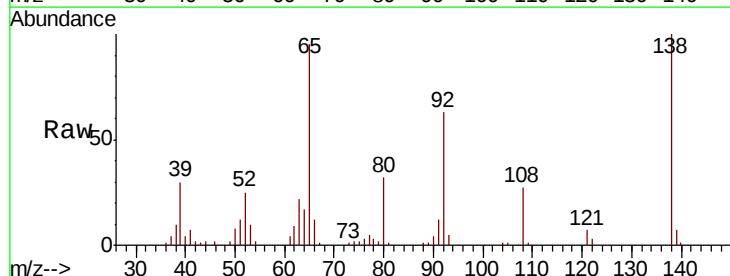


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

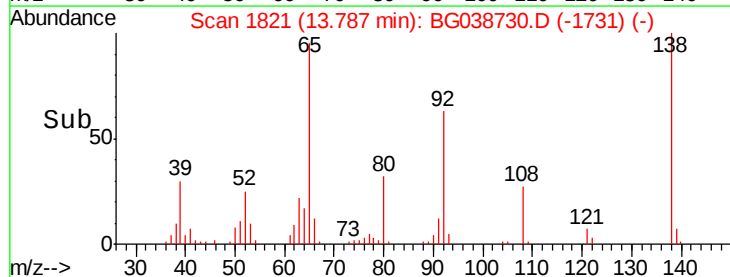
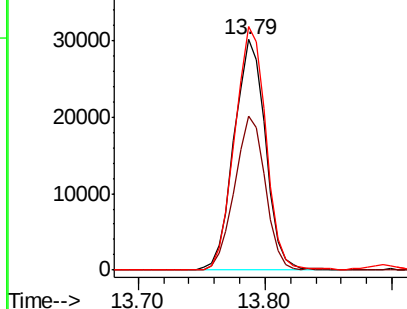


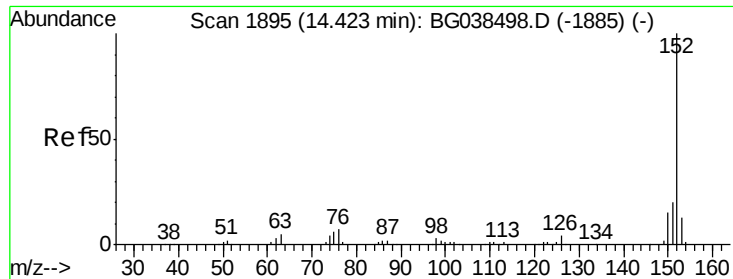
#48
 2-Nitroaniline
 Concen: 40.750 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	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: 44.633 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

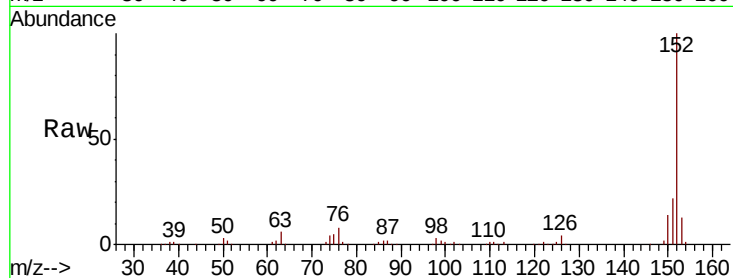
Tgt Ion:152 Resp: 265588

Ion Ratio Lower Upper

152 100

151 21.7 16.4 24.6

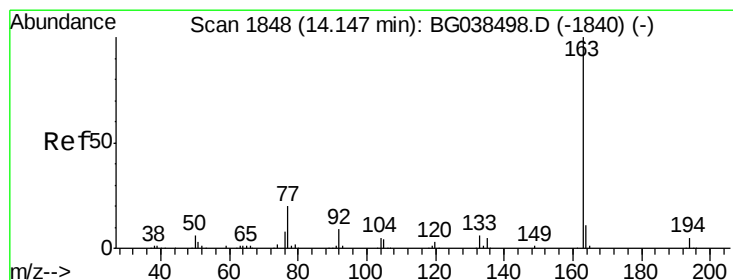
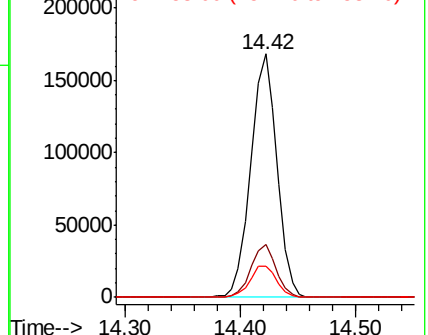
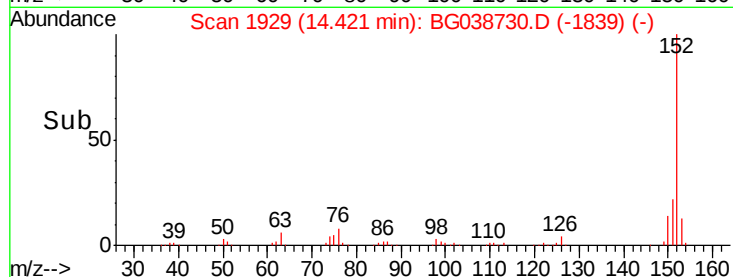
153 12.6 10.4 15.6



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: 42.206 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

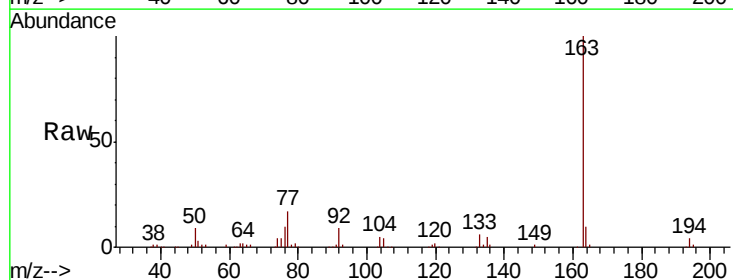
Tgt Ion:163 Resp: 211855

Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

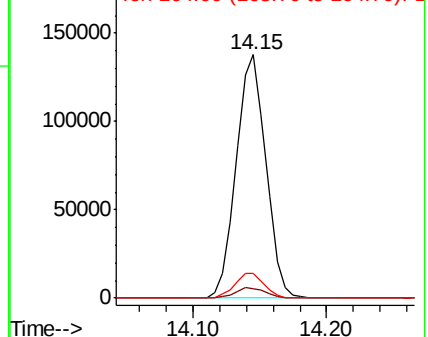
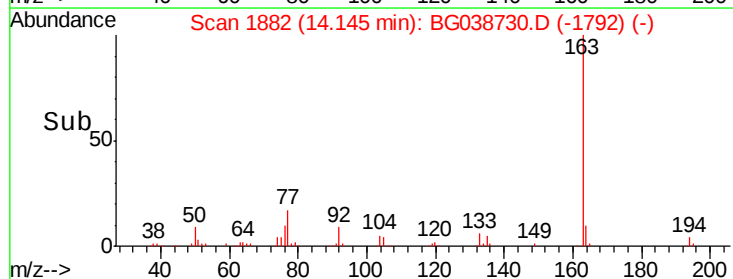
164 10.1 8.6 12.8

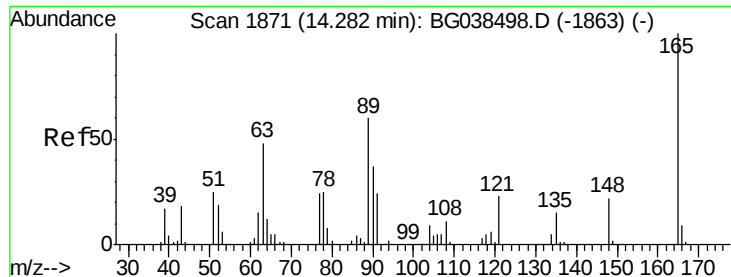


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

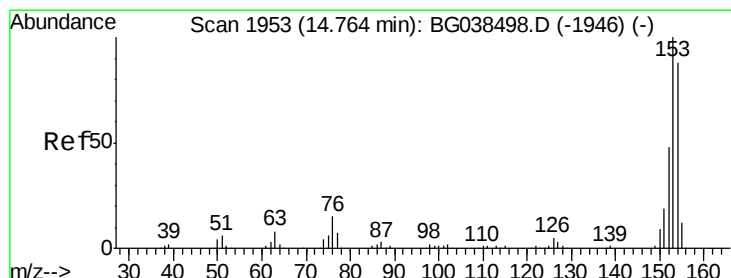
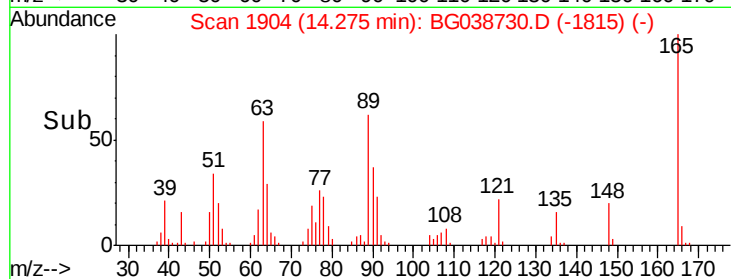
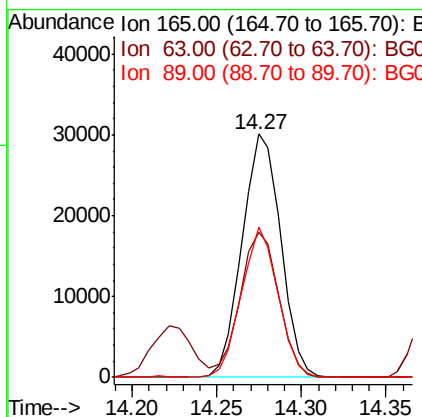
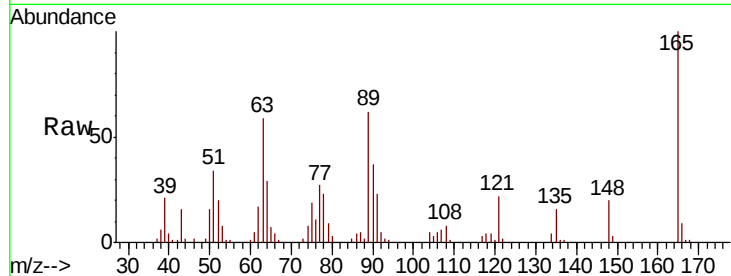




#51
 2,6-Dinitrotoluene
 Concen: 42.229 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

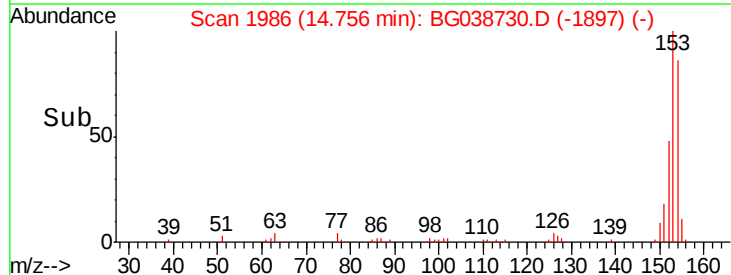
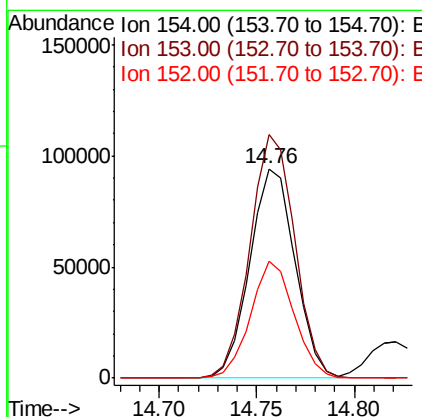
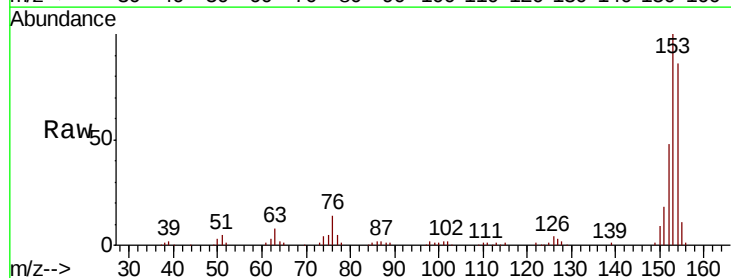
Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tgt Ion:165 Resp: 48037
 Ion Ratio Lower Upper
 165 100
 63 59.4 51.8 77.6
 89 61.8 47.9 71.9



#52
 Acenaphthene
 Concen: 42.550 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:154 Resp: 151401
 Ion Ratio Lower Upper
 154 100
 153 116.2 90.6 136.0
 152 55.9 43.5 65.3

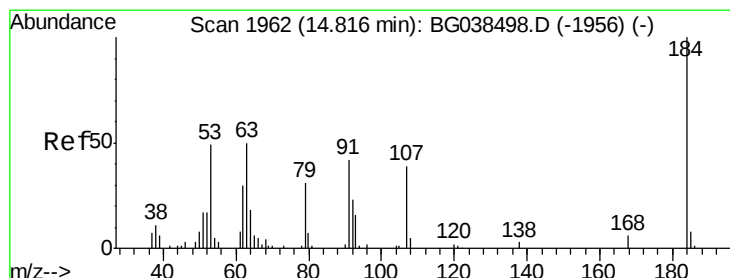
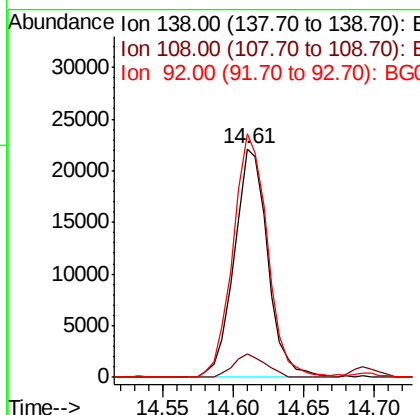
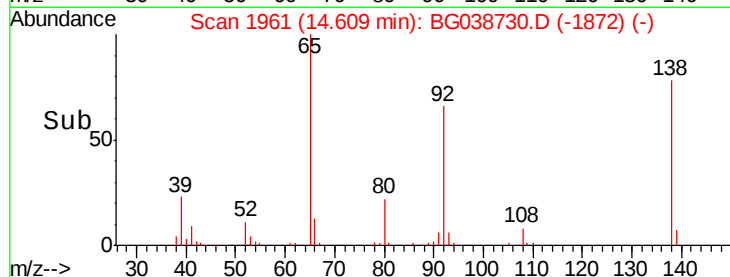
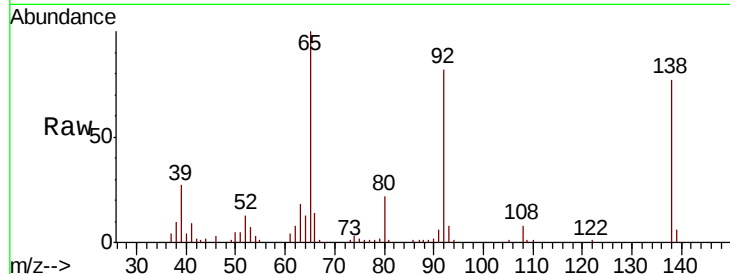




#53
3-Nitroaniline
Concen: 31.587 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

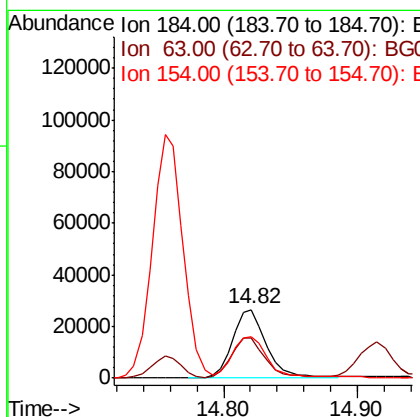
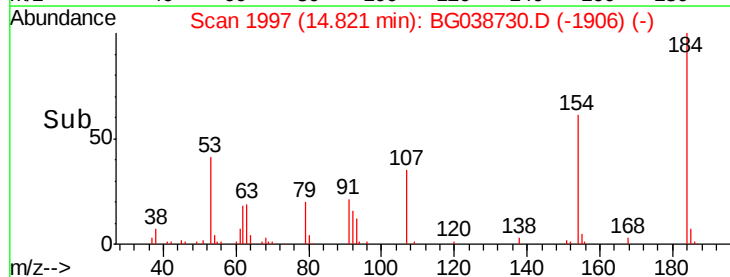
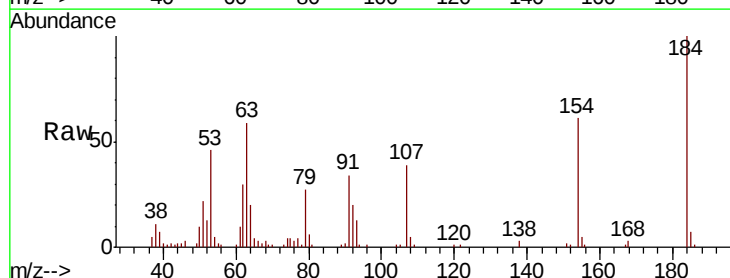
Instrument :
BNA_G
ClientSampleId :
PB115831BS

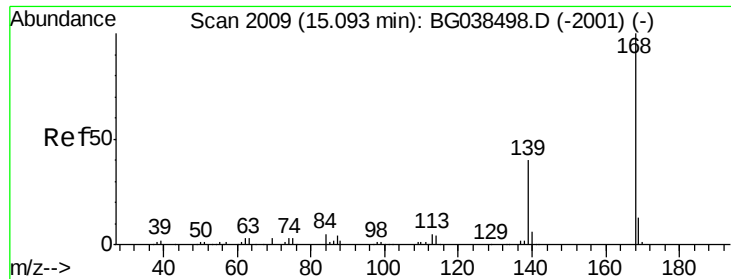
Tgt Ion:138 Resp: 36628
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 106.5 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 69.925 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:184 Resp: 46855
Ion Ratio Lower Upper
184 100
63 58.6 47.0 70.6
154 61.2 50.3 75.5

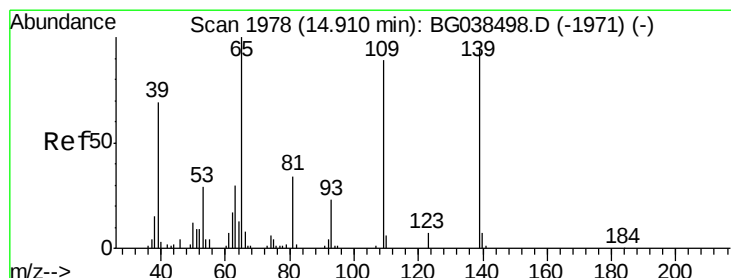
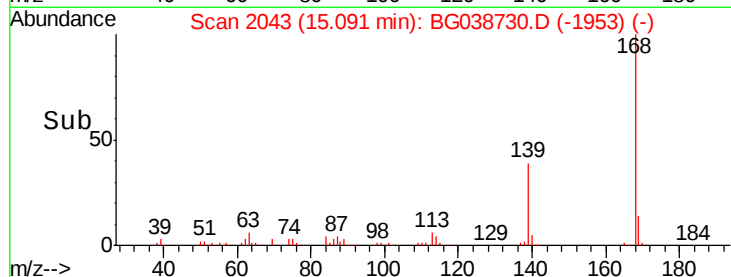
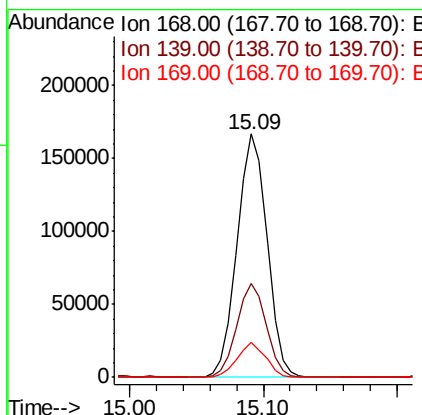
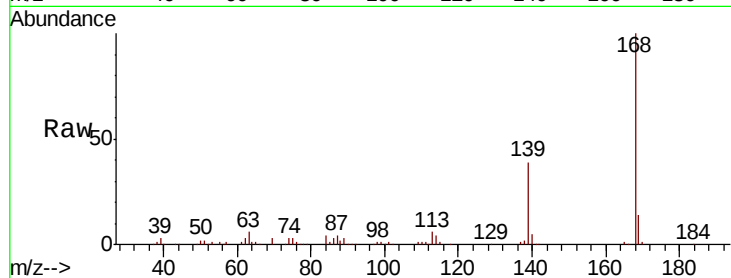




#55
Dibenzenofuran
Concen: 42.505 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

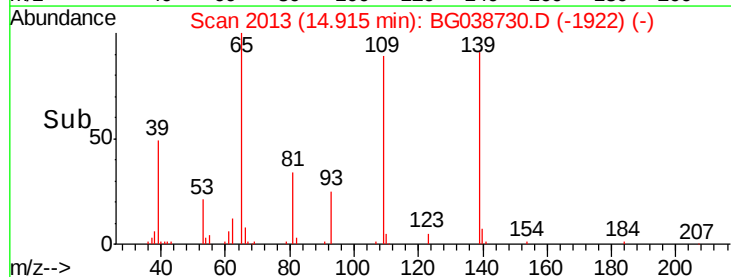
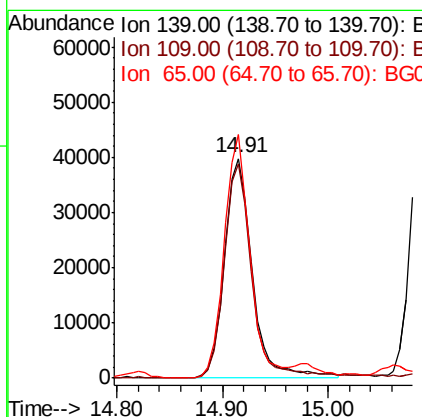
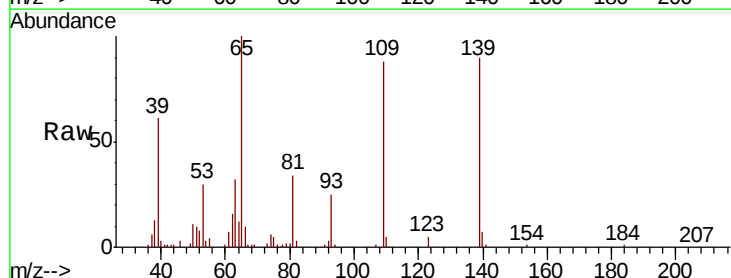
Instrument :
BNA_G
ClientSampleId :
PB115831BS

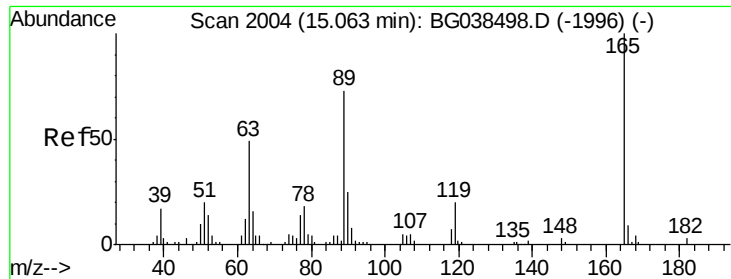
Tgt Ion:168 Resp: 259248
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.2
169 14.4 10.6 16.0



#56
4-Nitrophenol
Concen: 82.709 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:139 Resp: 72758
Ion Ratio Lower Upper
139 100
109 97.6 73.6 113.6
65 110.7 84.8 124.8

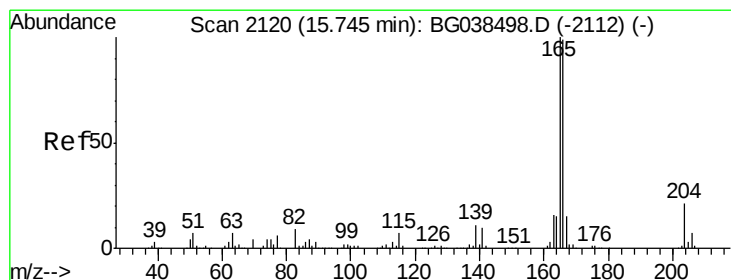
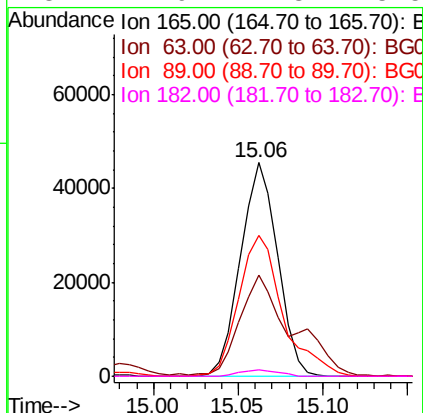
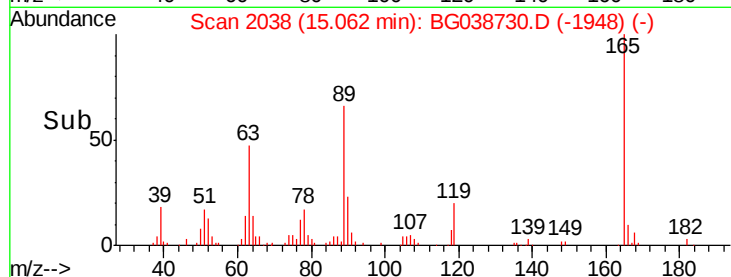
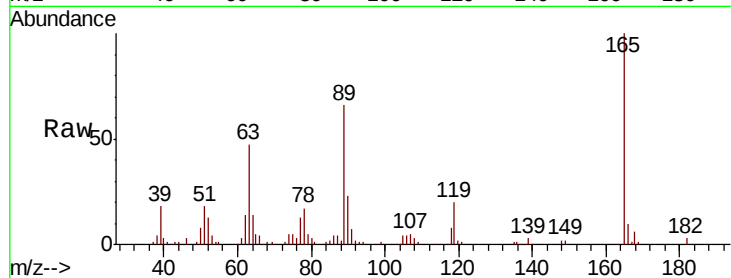




#57
2,4-Dinitrotoluene
Concen: 43.436 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

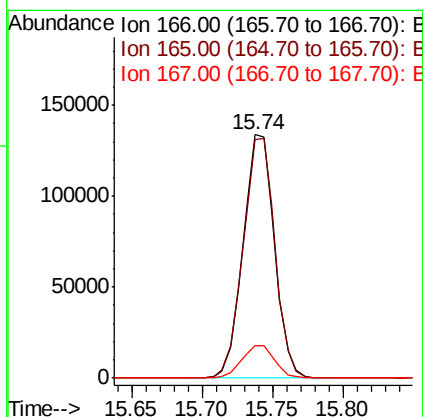
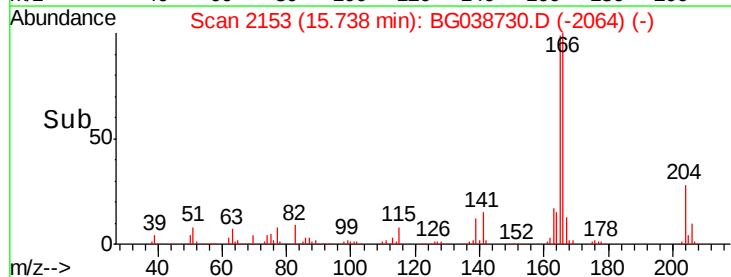
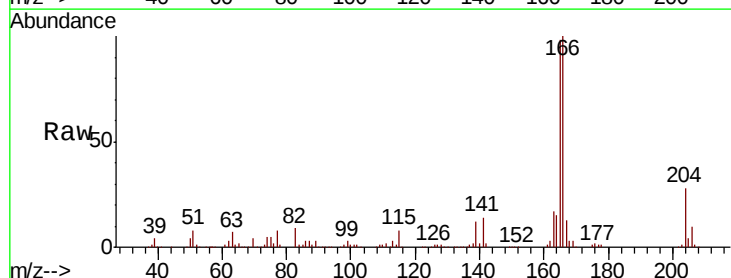
Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	39.0	58.4
89	65.8	58.0	87.0
182	2.9	2.3	3.5



#58
Fluorene
Concen: 46.015 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.6	120.8
167	13.3	12.0	18.0

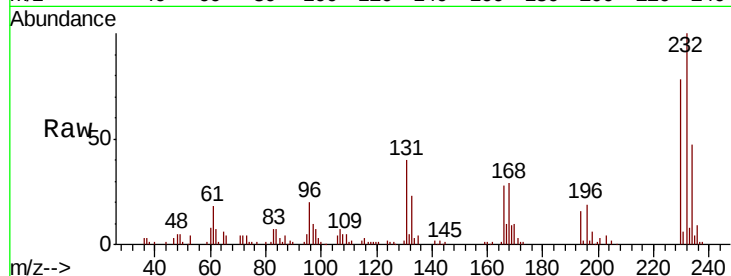




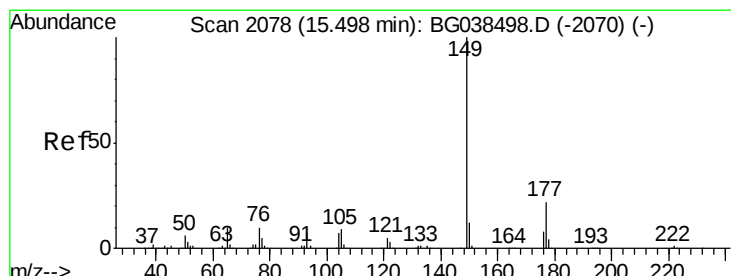
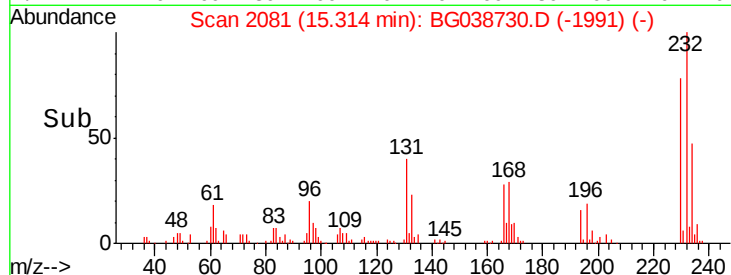
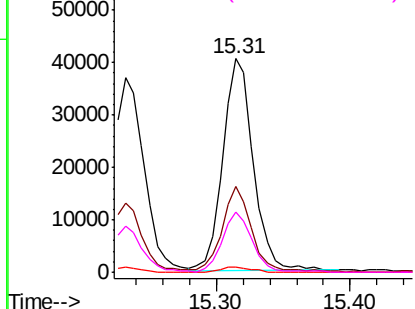
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.972 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tgt Ion:232 Resp: 64556
 Ion Ratio Lower Upper
 232 100
 131 40.1 33.0 49.4
 130 2.4 2.0 3.0
 166 28.3 23.1 34.7

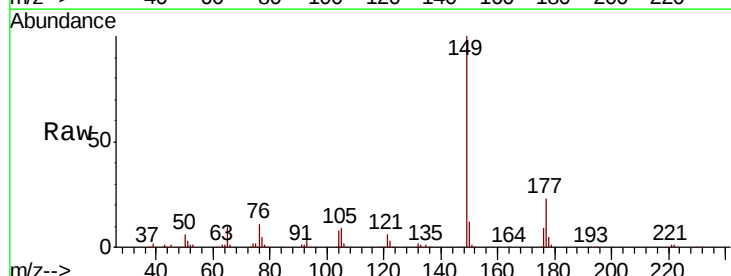


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

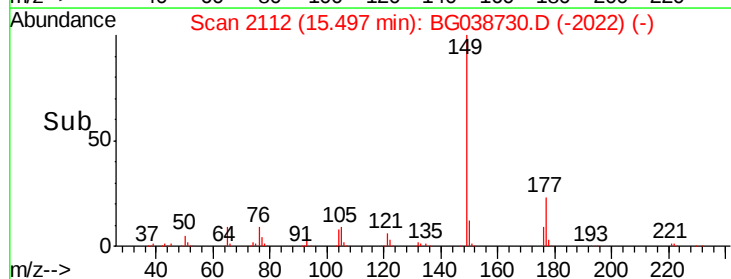
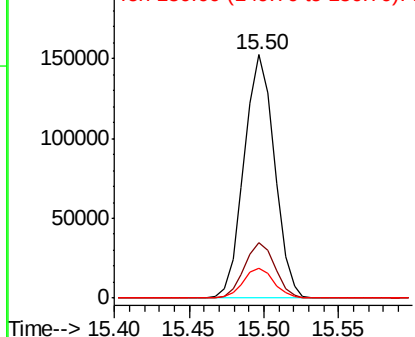


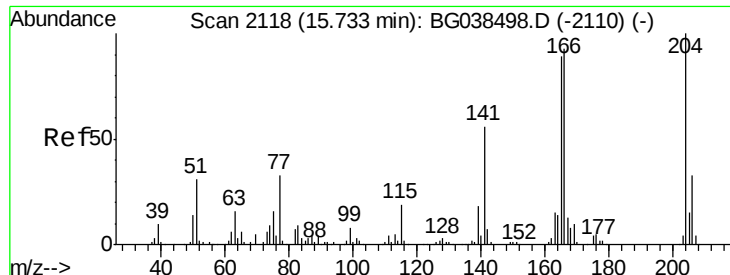
#60
 Diethylphthalate
 Concen: 39.054 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:149 Resp: 215204
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.7 26.5
 150 12.3 9.9 14.9



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

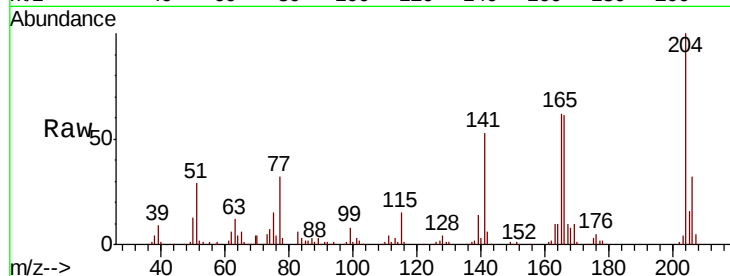




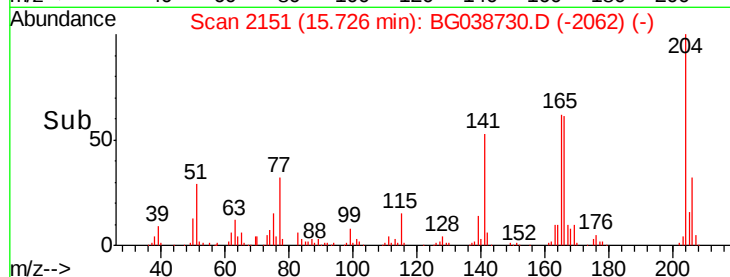
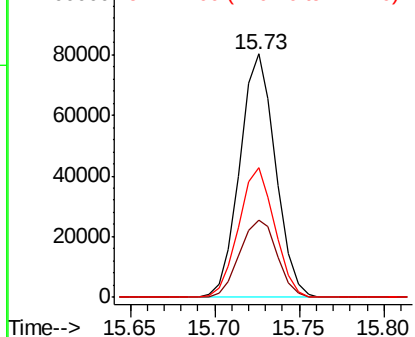
#61
 4-Chlorophenyl-phenylether
 Concen: 41.718 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tgt Ion:204 Resp: 117622
 Ion Ratio Lower Upper
 204 100
 206 31.5 26.0 39.0
 141 53.0 44.4 66.6

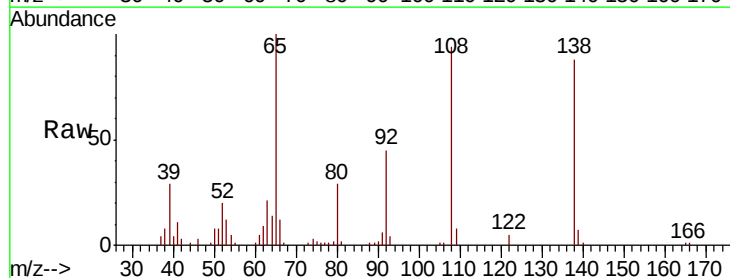


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

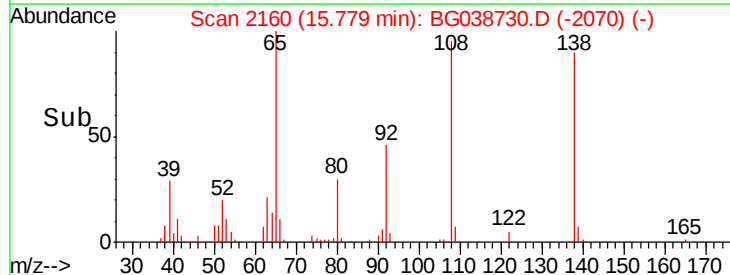
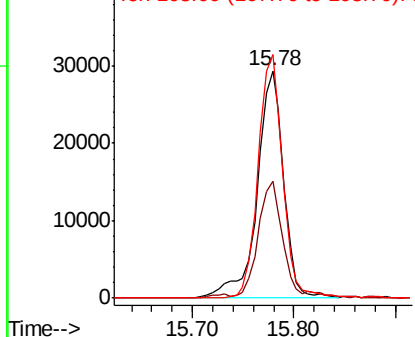


#62
 4-Nitroaniline
 Concen: 44.524 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:138 Resp: 53153
 Ion Ratio Lower Upper
 138 100
 92 51.3 33.3 73.3
 108 107.0 81.4 121.4



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





#63

Azobenzene

Concen: 39.997 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

Tgt Ion: 77 Resp: 184120

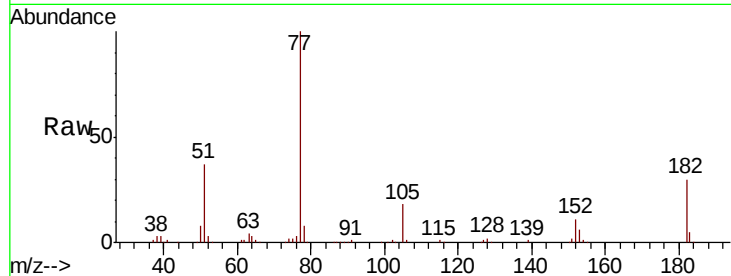
Ion Ratio Lower Upper

77 100

182 30.4 8.7 48.7

105 18.5 0.0 38.7

51 37.4 16.6 56.6

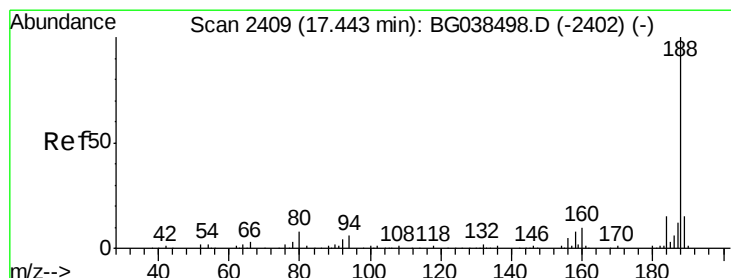
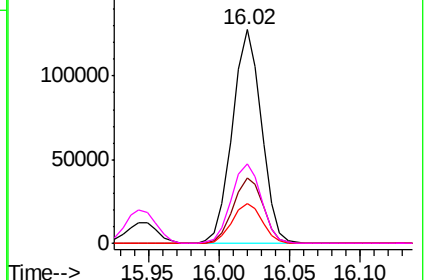
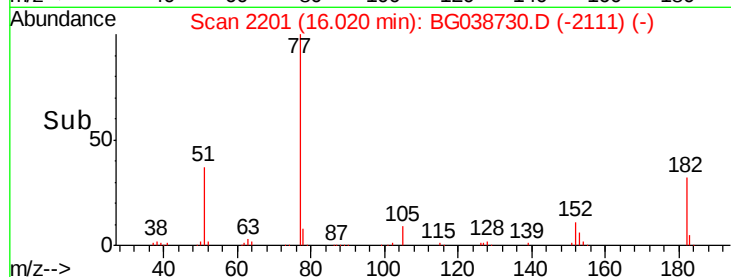


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038730.D

Acq: 19 Dec 2018 17:05

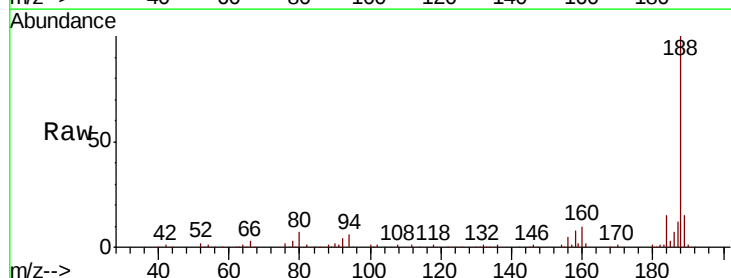
Tgt Ion: 188 Resp: 159470

Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

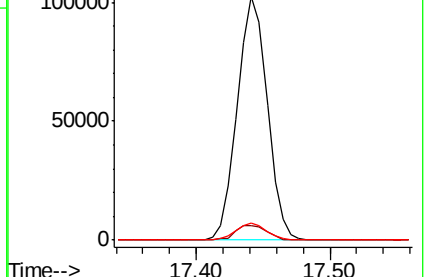
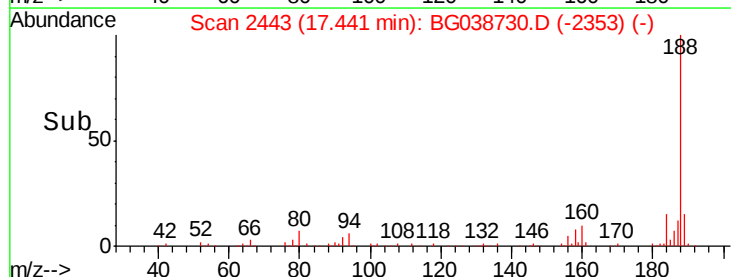
80 7.3 6.1 9.1

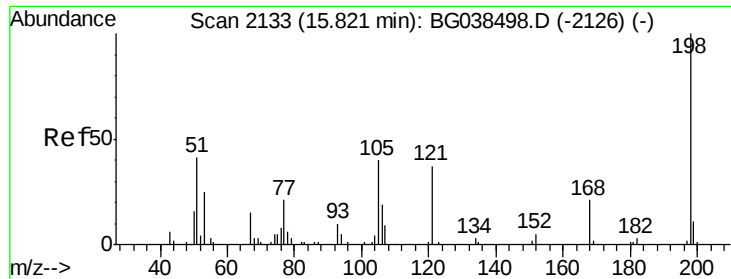


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

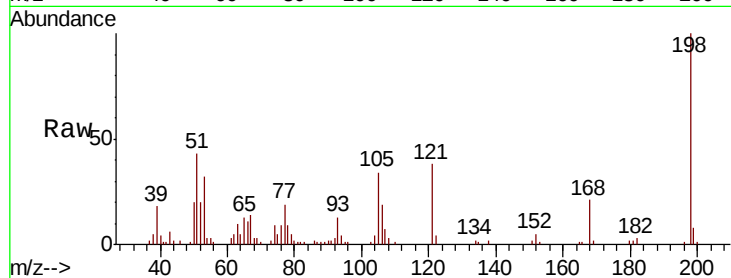




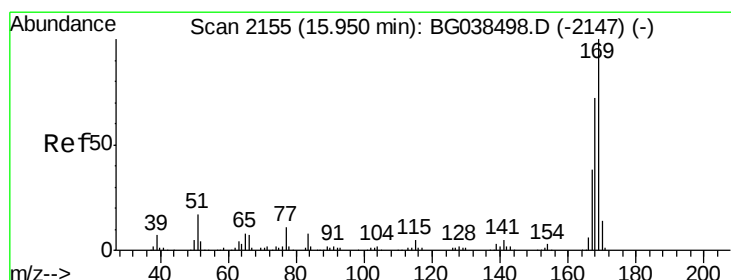
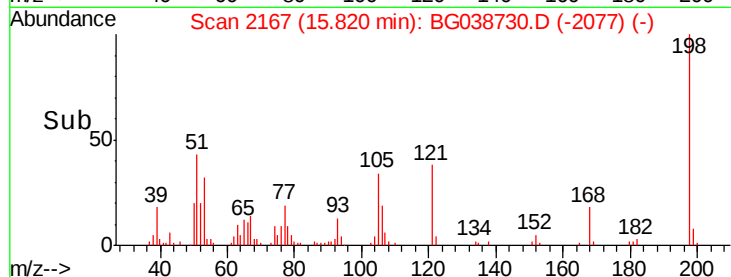
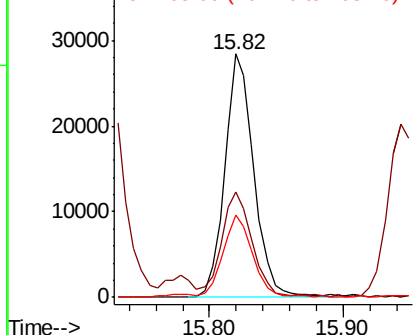
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.965 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

Tgt Ion:198 Resp: 43188
 Ion Ratio Lower Upper
 198 100
 51 43.0 28.6 68.6
 105 33.8 20.4 60.4

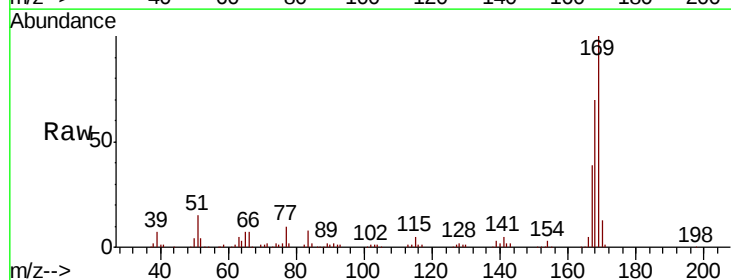


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

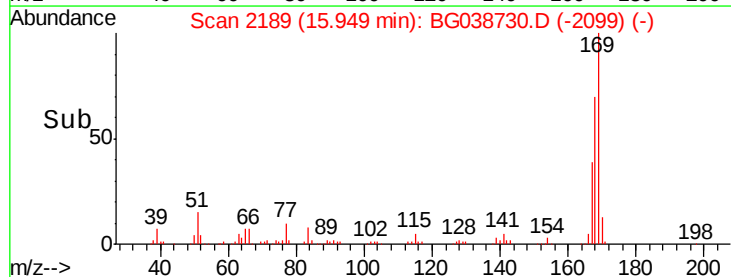
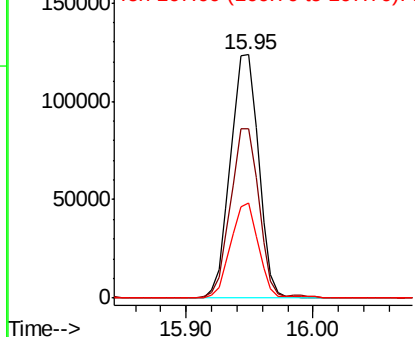


#66
 n-Nitrosodiphenylamine
 Concen: 40.572 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:169 Resp: 190101
 Ion Ratio Lower Upper
 169 100
 168 69.6 57.5 86.3
 167 39.2 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: 41.252 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

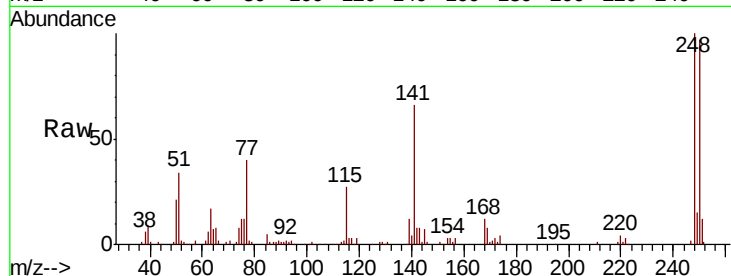
Tgt Ion:248 Resp: 80341

Ion Ratio Lower Upper

248 100

250 96.9 73.4 110.2

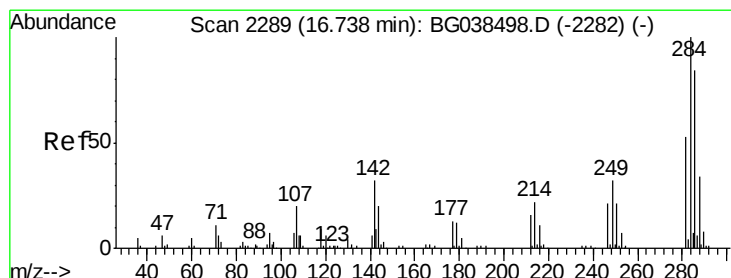
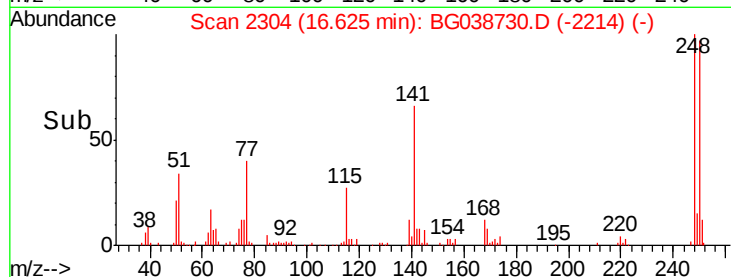
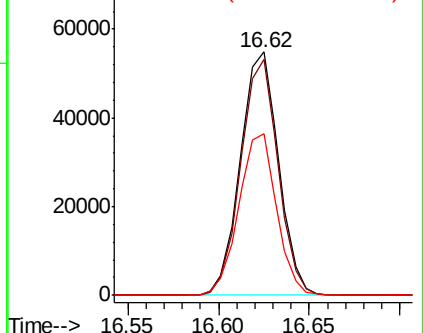
141 66.2 52.9 79.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.725 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

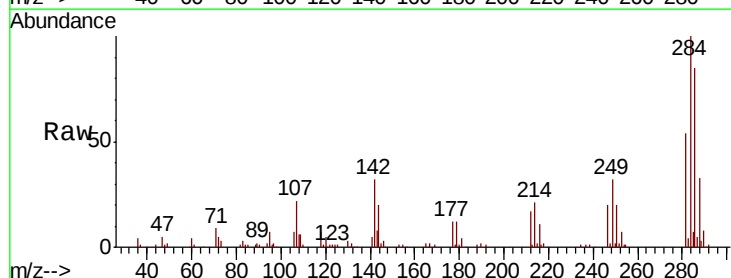
Tgt Ion:284 Resp: 82219

Ion Ratio Lower Upper

284 100

142 31.5 25.8 38.6

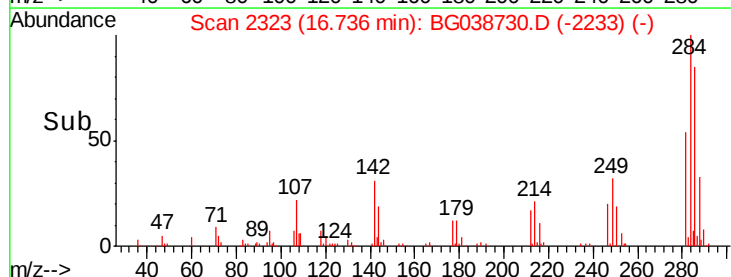
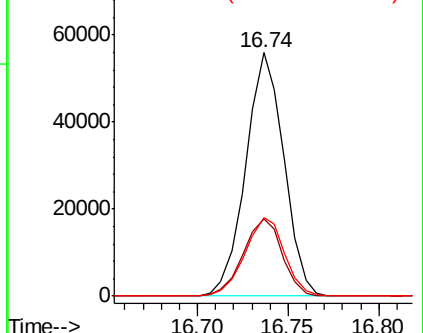
249 34.1 27.0 40.4



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: 45.287 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

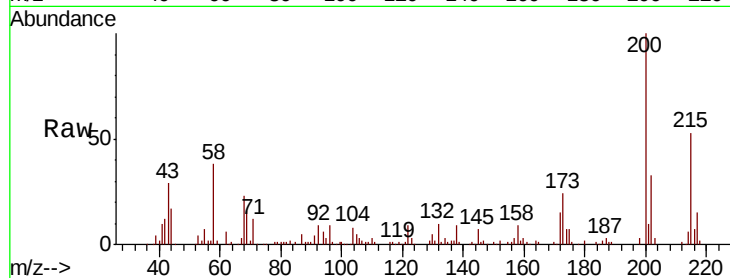
Tgt Ion:200 Resp: 78749

Ion Ratio Lower Upper

200 100

173 23.7 5.9 45.9

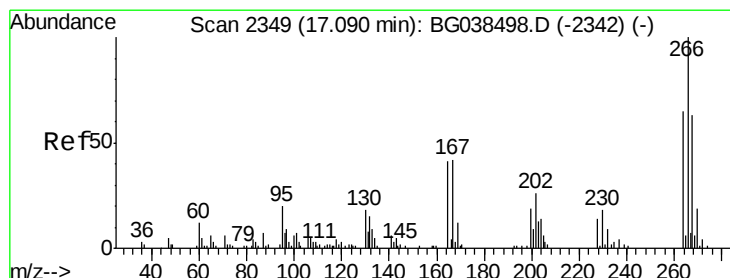
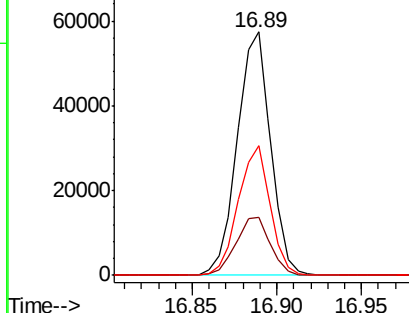
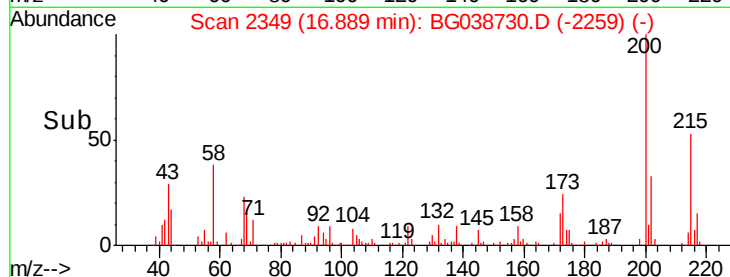
215 53.2 33.1 73.1



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: 74.540 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

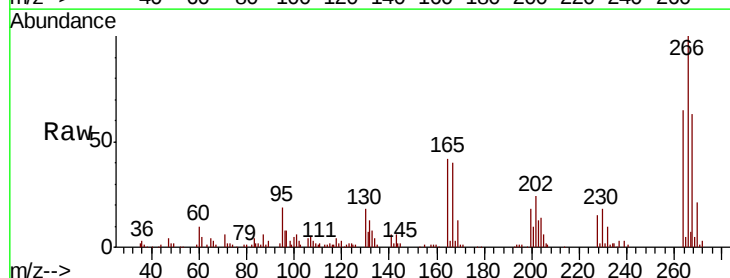
Tgt Ion:266 Resp: 89012

Ion Ratio Lower Upper

266 100

268 67.7 55.0 82.6

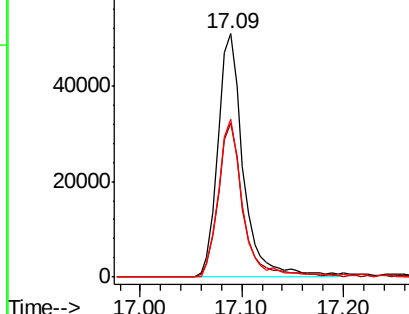
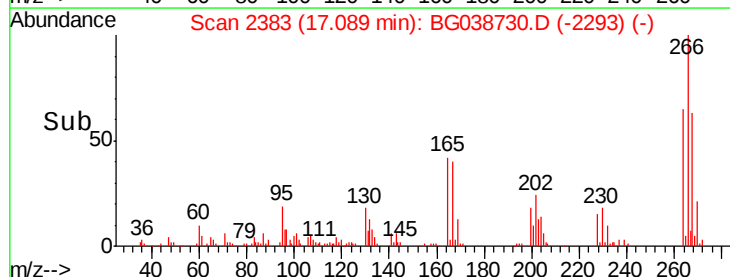
264 70.0 56.7 85.1

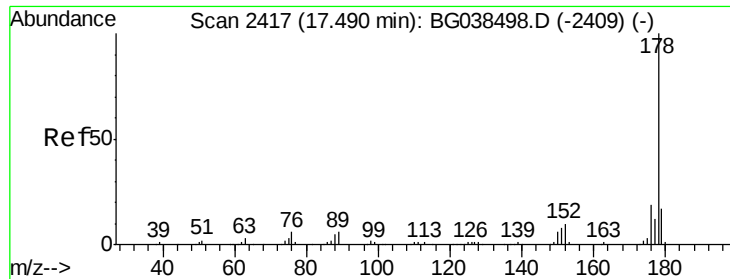


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

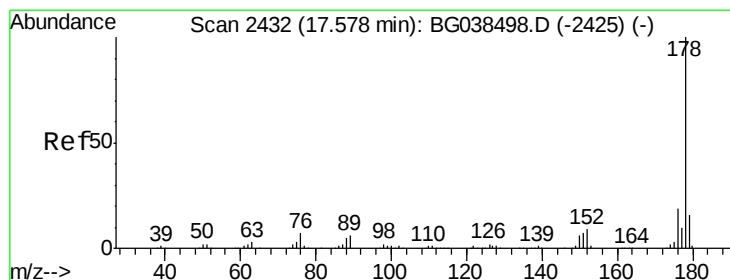
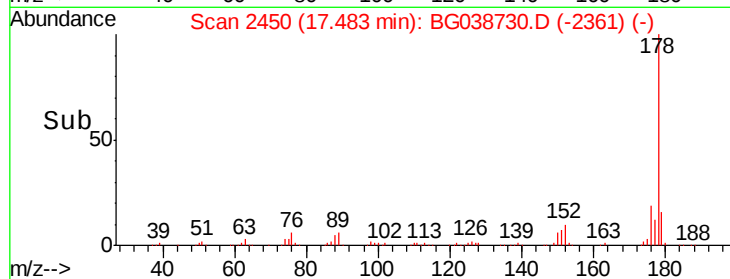
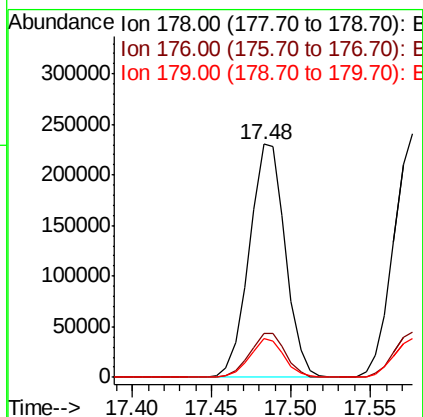
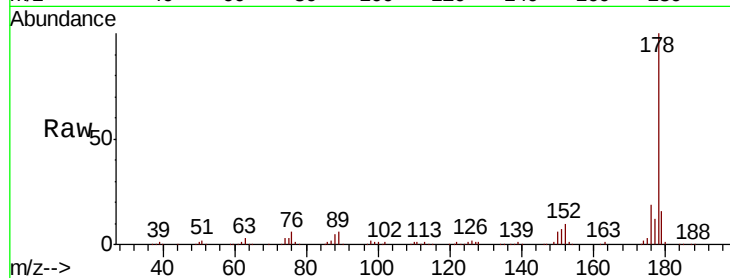




#71
Phenanthrene
Concen: 43.953 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

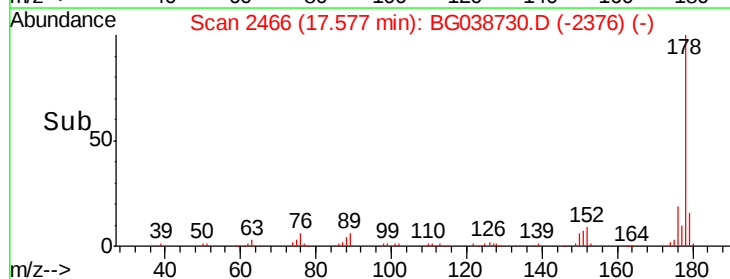
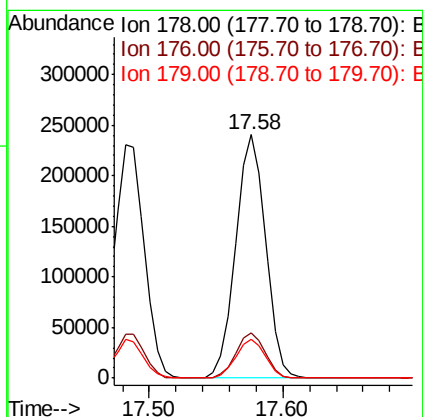
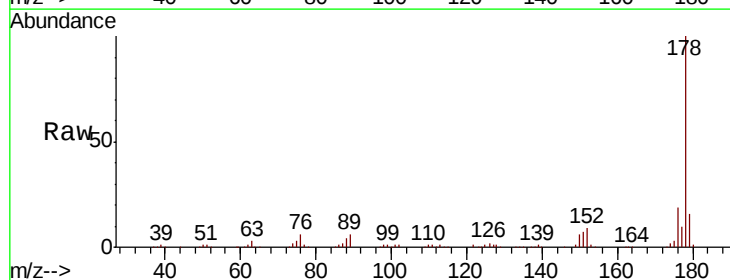
Instrument :
BNA_G
ClientSampleId :
PB115831BS

Tgt Ion:178 Resp: 363474
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.4 13.2 19.8



#72
Anthracene
Concen: 45.576 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038730.D
Acq: 19 Dec 2018 17:05

Tgt Ion:178 Resp: 372072
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 16.2 12.9 19.3

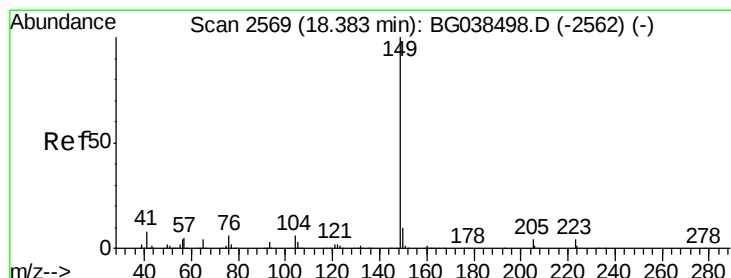
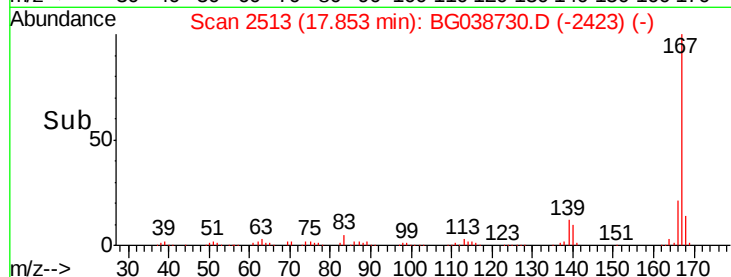
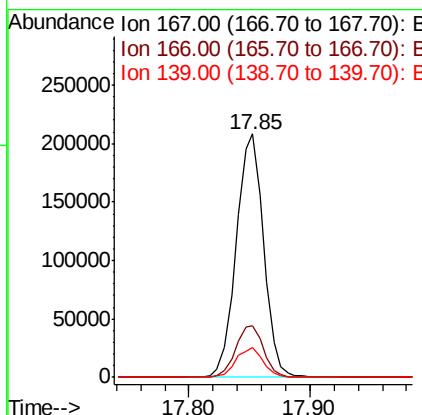
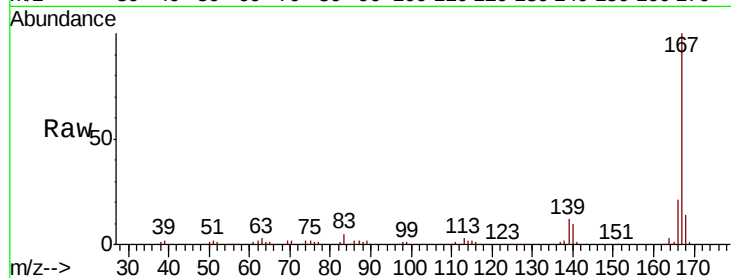




#73
 Carbazole
 Concen: 40.775 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

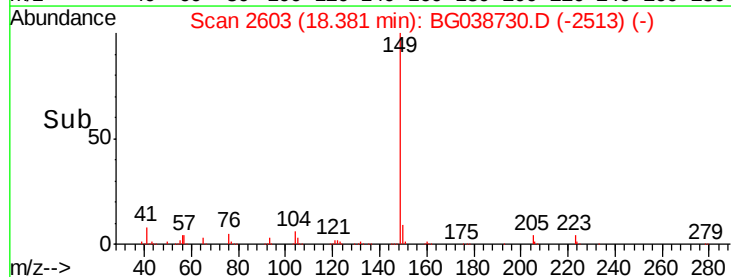
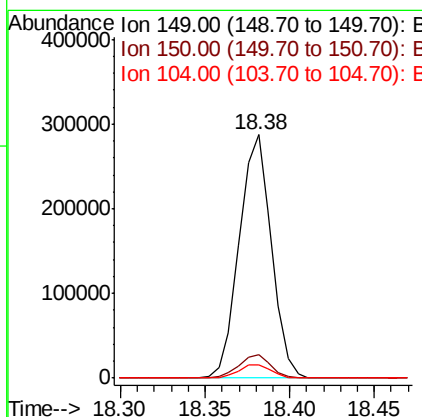
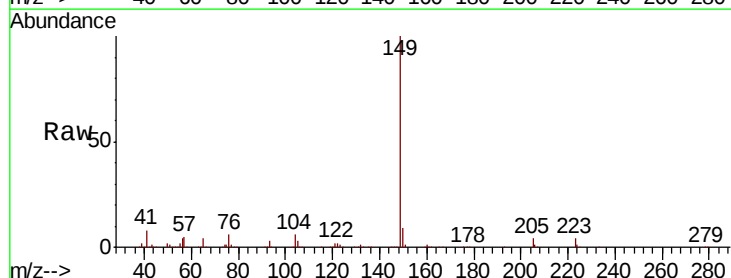
Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

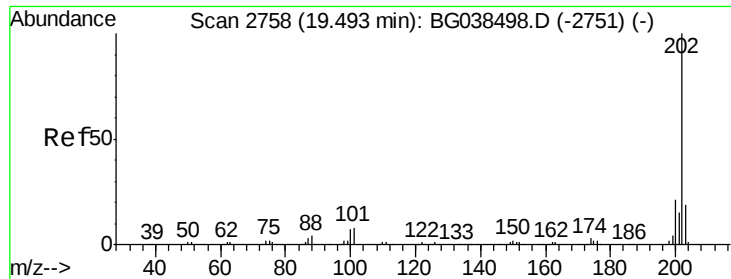
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.9	26.9
139	12.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.131 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.5	5.0	7.4

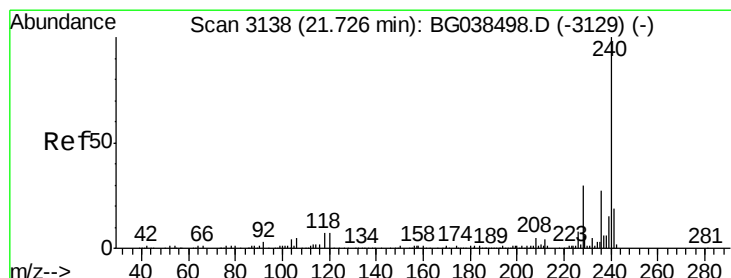
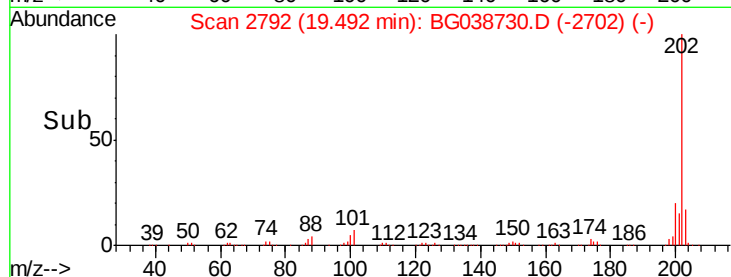
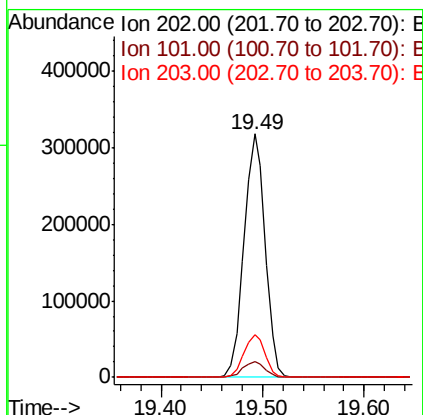
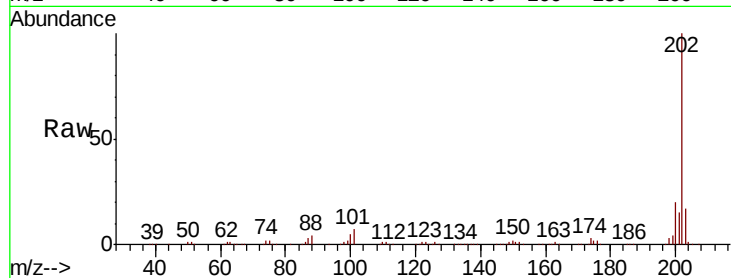




#75
 Fluoranthene
 Concen: 44.868 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

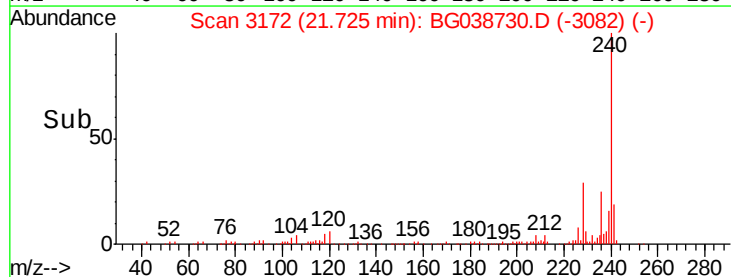
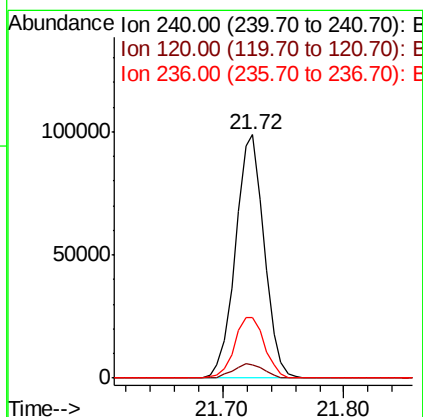
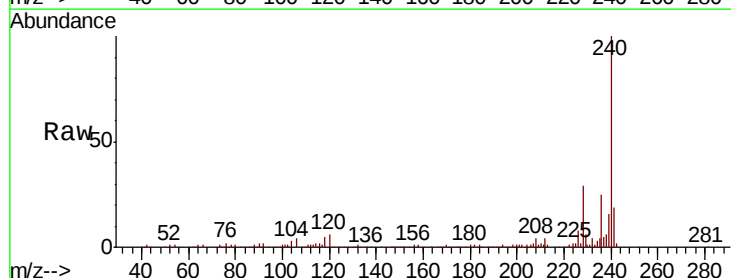
Instrument :
 BNA_G
 ClientSampleId :
 PB115831BS

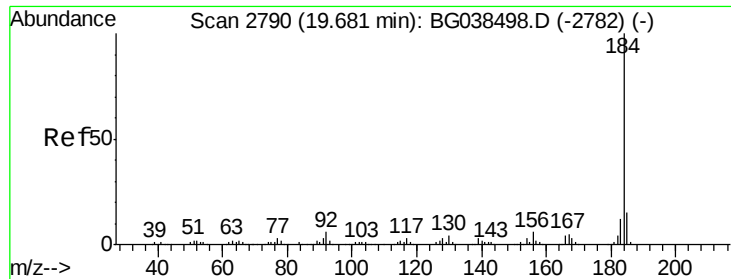
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	459078		
101	6.6		0.0	28.1
203	17.4		0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038730.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	163474		
120	5.5		5.3	7.9
236	24.7		21.4	32.2





#77

Benzidine

Concen: 40.046 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

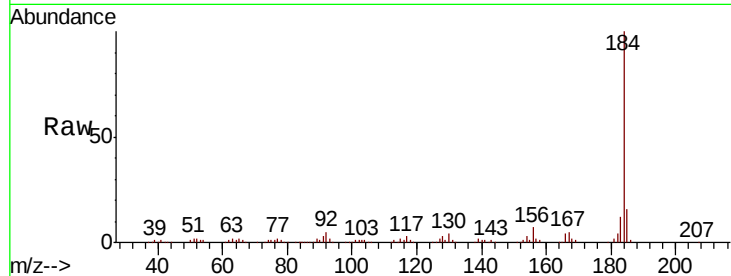
Tgt Ion:184 Resp: 193606

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

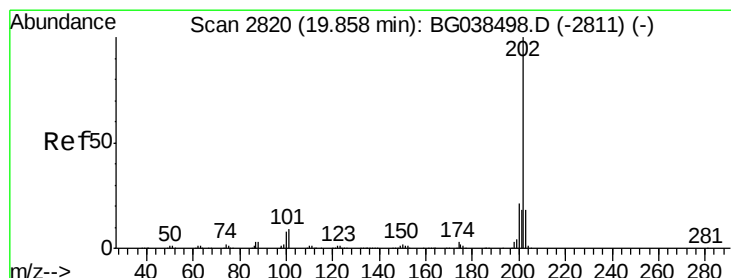
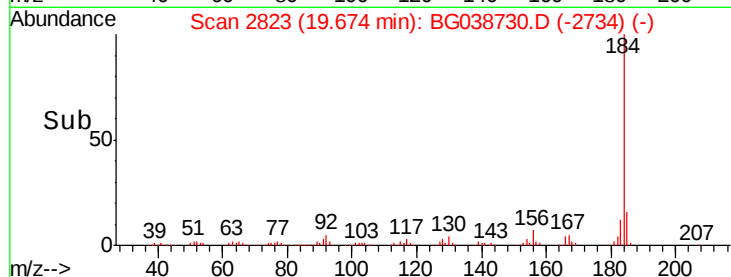
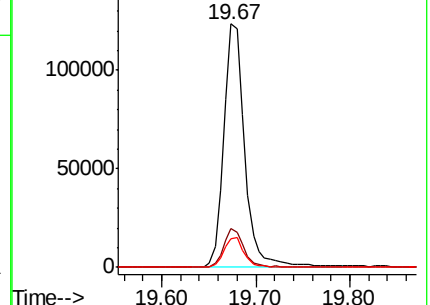
183 11.6 9.6 14.4



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: 41.930 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

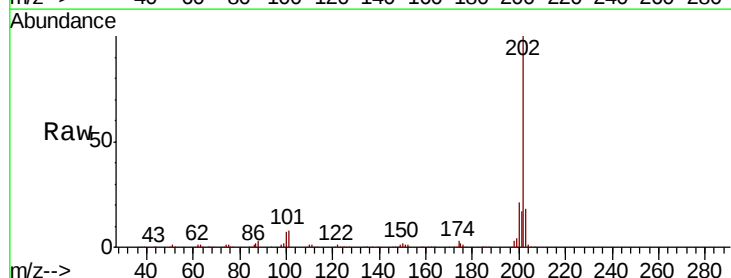
Tgt Ion:202 Resp: 452827

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

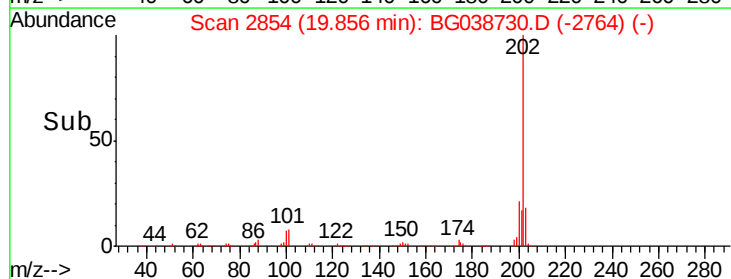
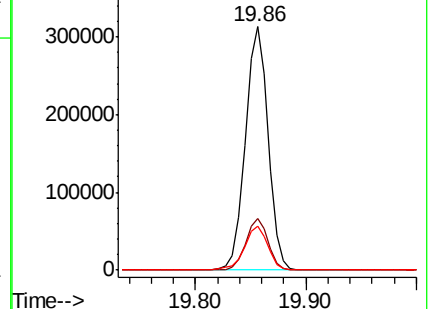
203 17.9 14.6 21.8

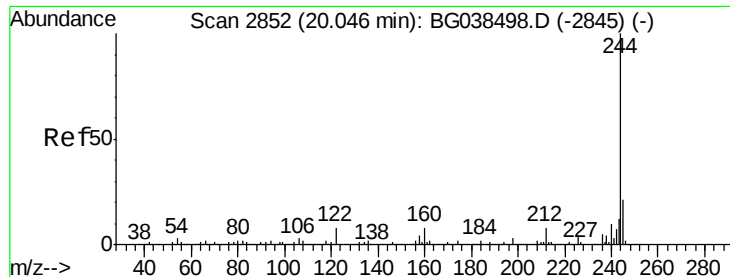


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.086 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

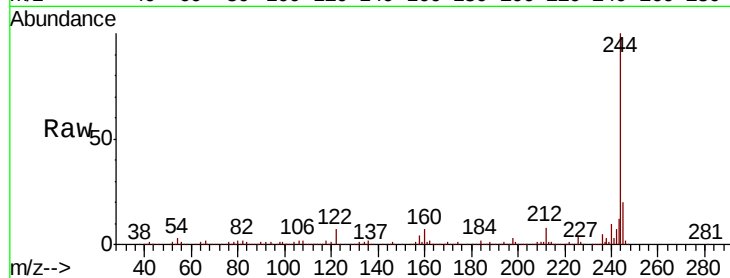
Tgt Ion:244 Resp: 631610

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

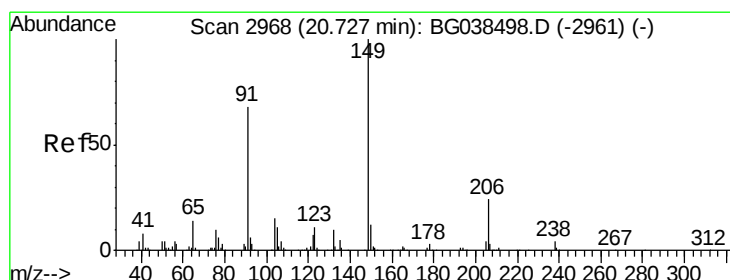
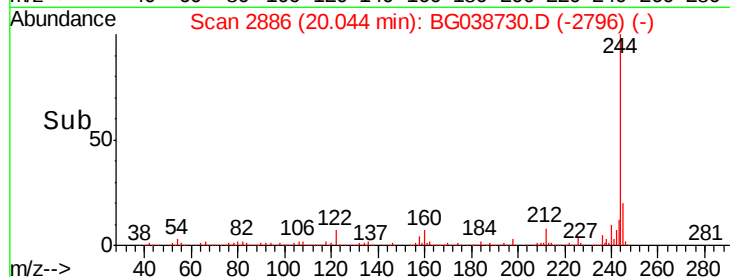
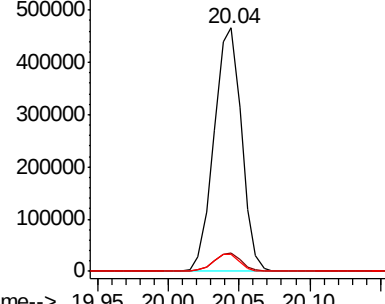
122 6.8 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.057 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

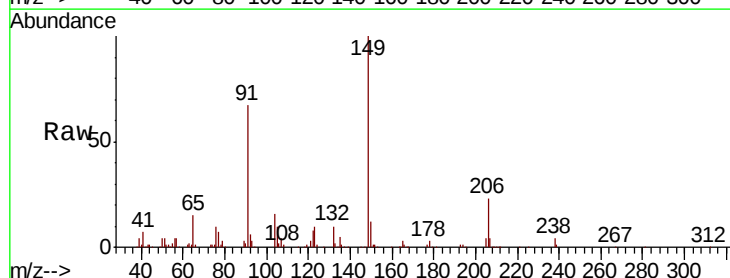
Tgt Ion:149 Resp: 173229

Ion Ratio Lower Upper

149 100

91 67.3 54.5 81.7

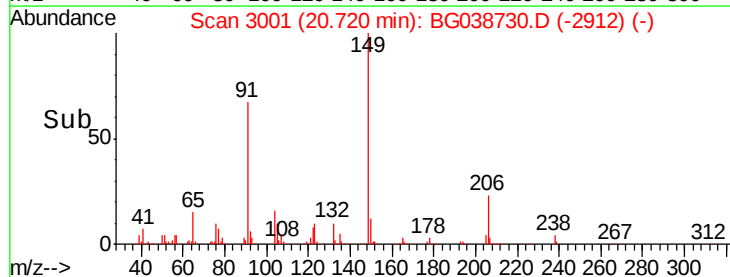
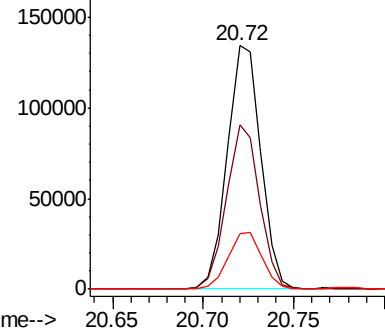
206 23.0 19.0 28.6



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: 44.892 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

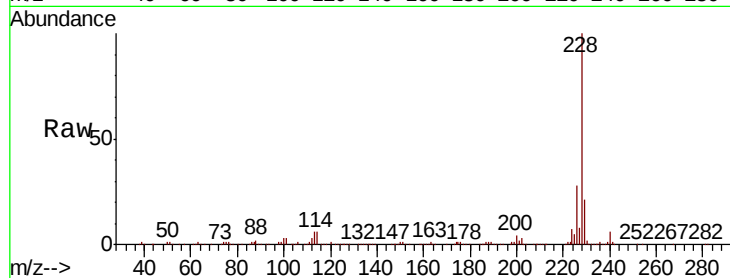
Tgt Ion:228 Resp: 447183

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

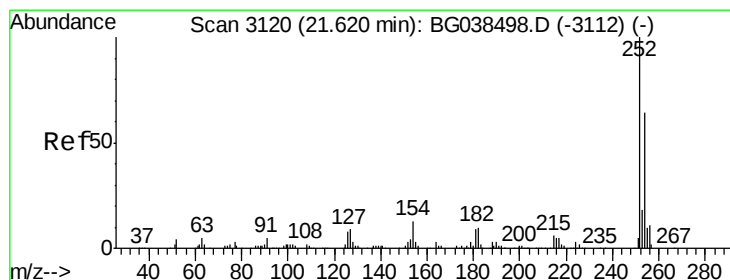
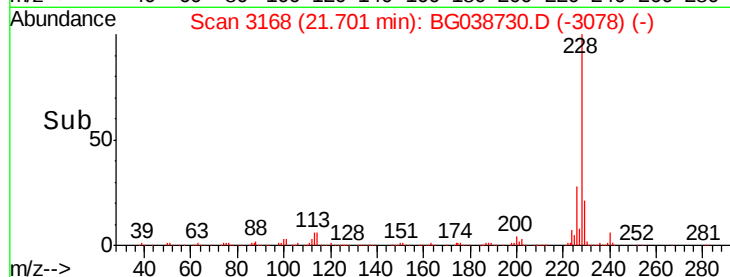
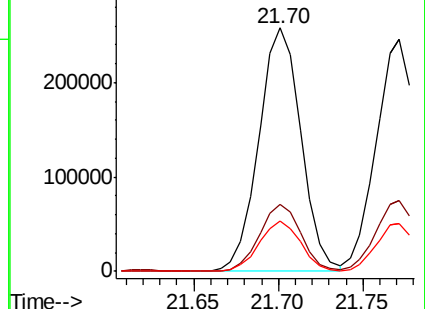
229 20.9 15.8 23.6



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: 29.627 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

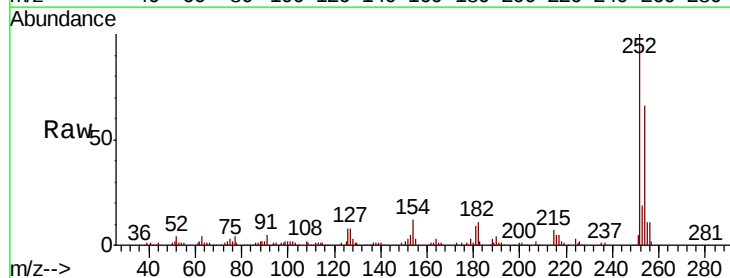
Tgt Ion:252 Resp: 117045

Ion Ratio Lower Upper

252 100

254 66.2 50.9 76.3

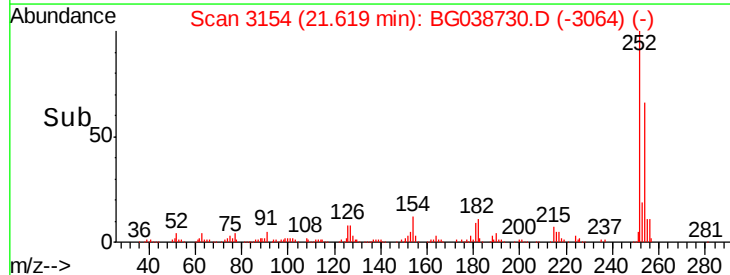
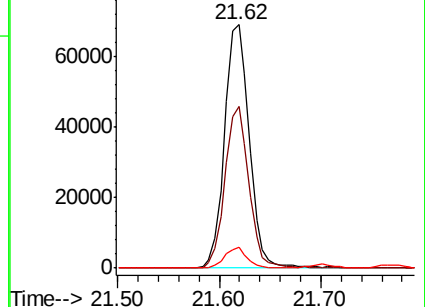
126 8.5 6.3 9.5

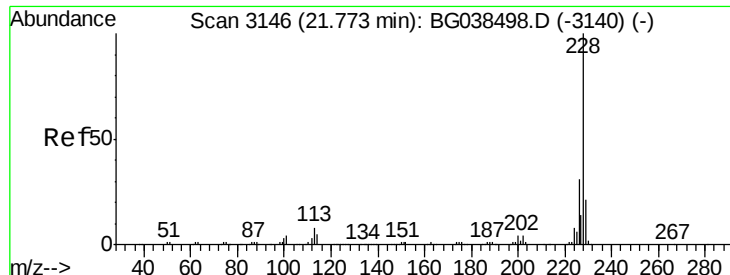


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.684 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

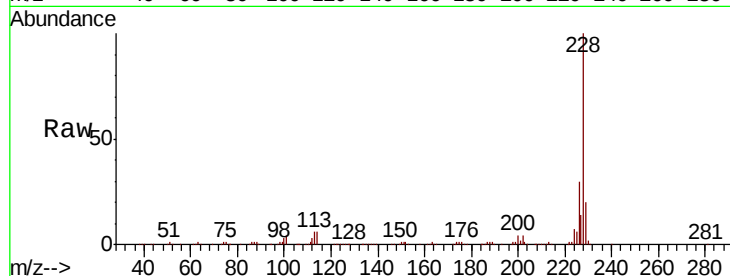
Tgt Ion:228 Resp: 409543

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

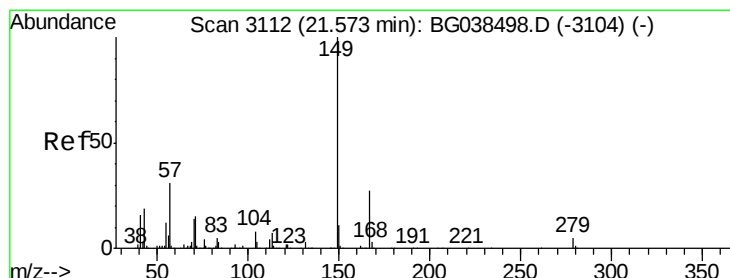
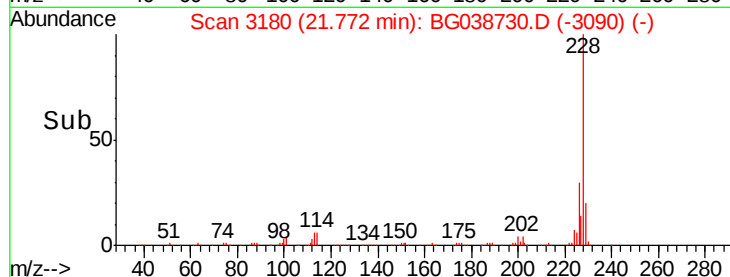
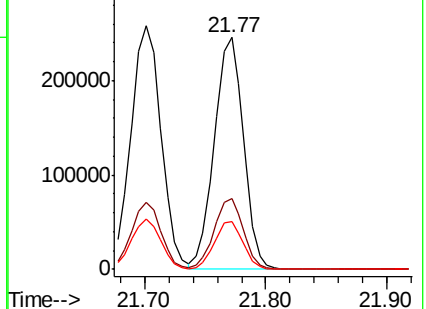
229 20.4 16.5 24.7



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: 40.506 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

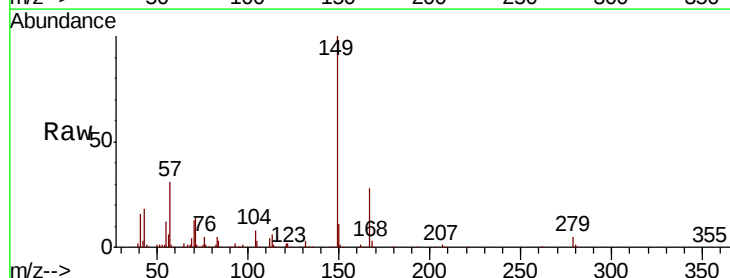
Tgt Ion:149 Resp: 242388

Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

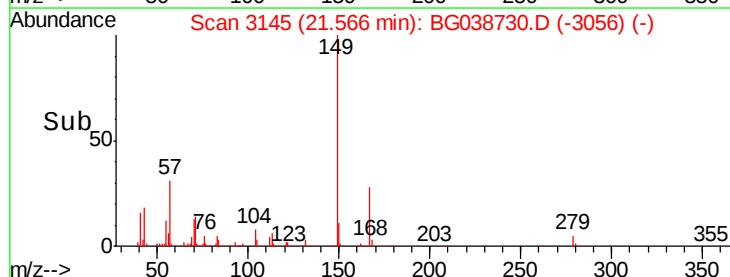
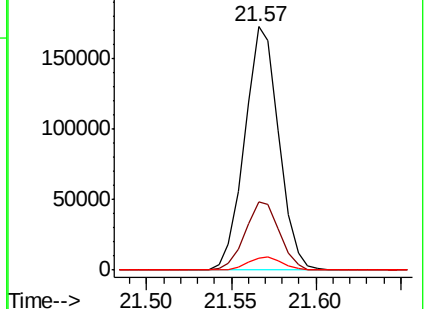
279 5.0 4.2 6.2

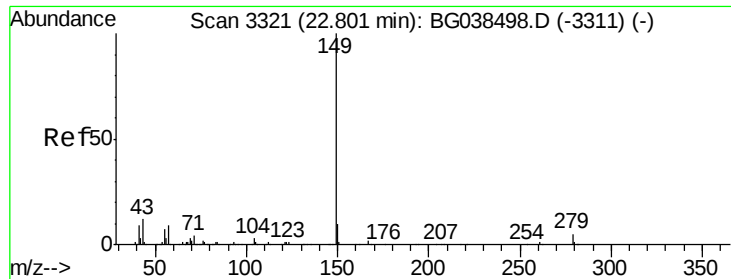


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.368 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

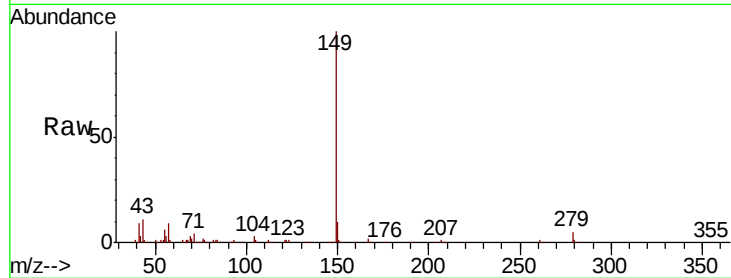
Tgt Ion:149 Resp: 414579

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

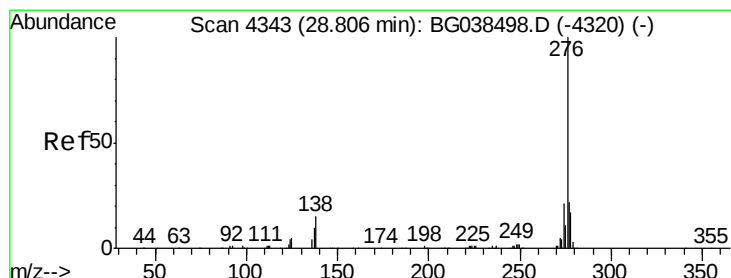
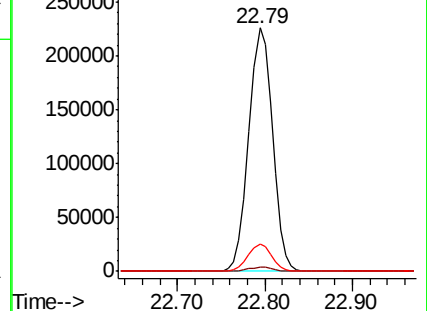
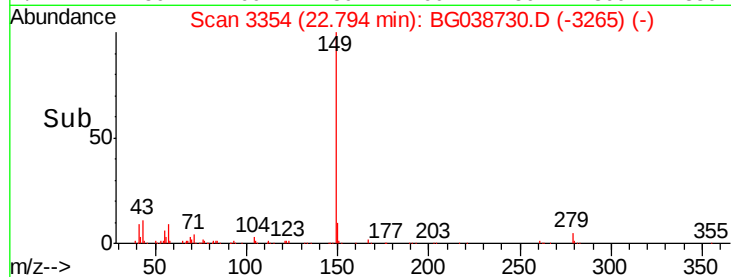
43 11.0 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.146 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

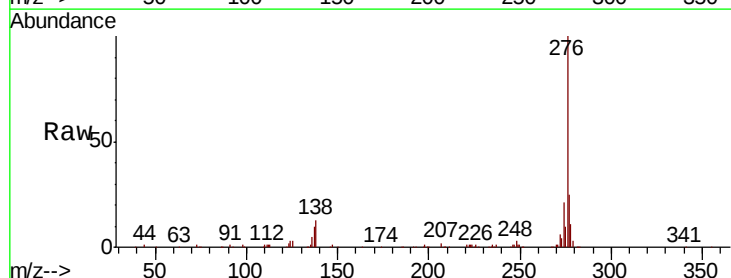
Tgt Ion:276 Resp: 497970

Ion Ratio Lower Upper

276 100

138 10.4 14.4 21.6#

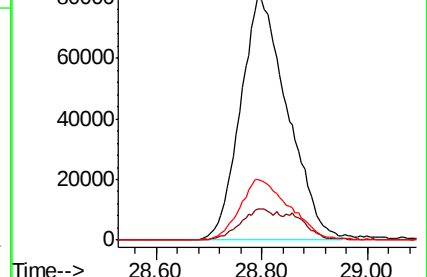
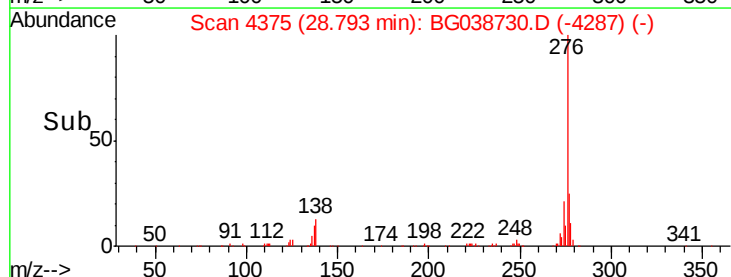
277 26.0 0.0 0.0#

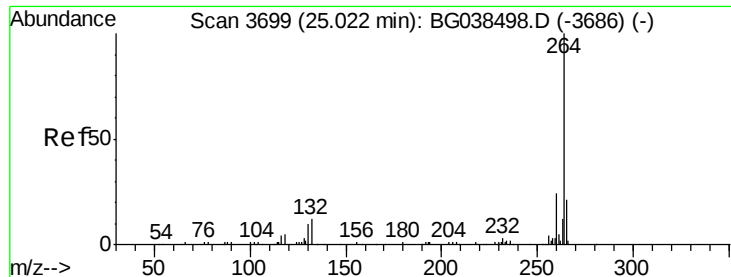


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3732

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

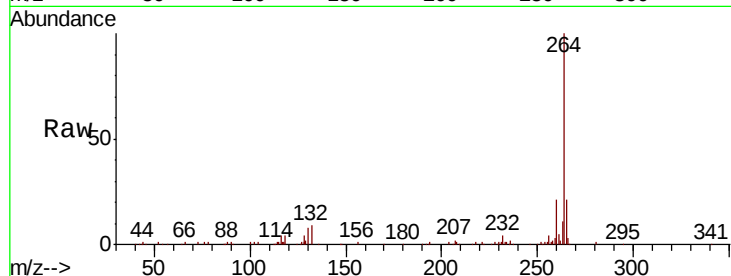
Tgt Ion:264 Resp: 171866

Ion Ratio Lower Upper

264 100

260 21.3 18.9 28.3

265 21.5 17.0 25.4

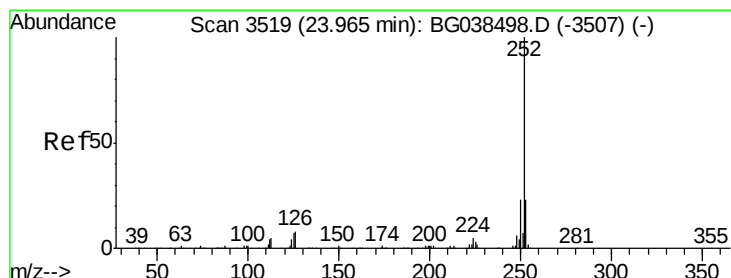
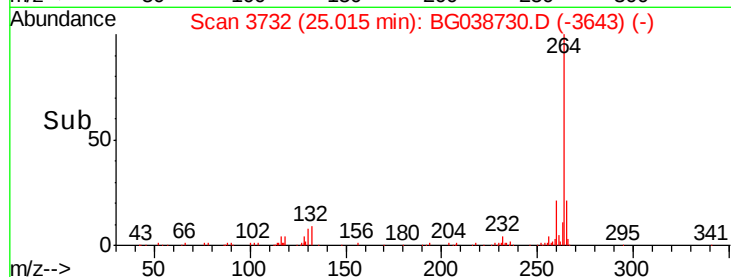
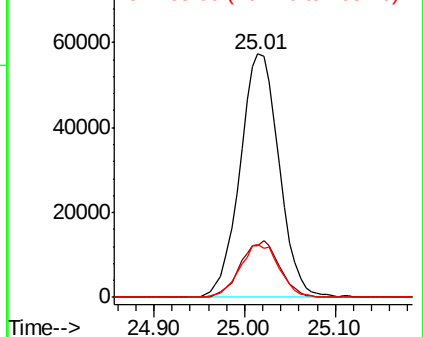


Abundance

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: 47.514 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

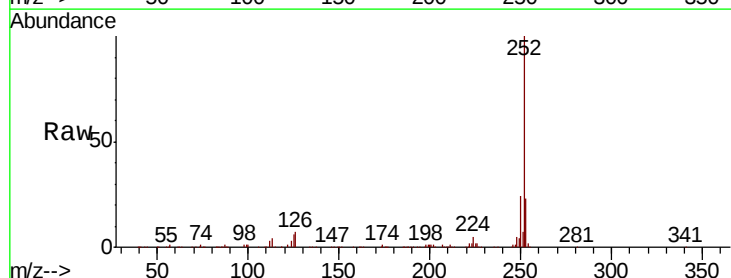
Tgt Ion:252 Resp: 448350

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 6.0 5.5 8.3

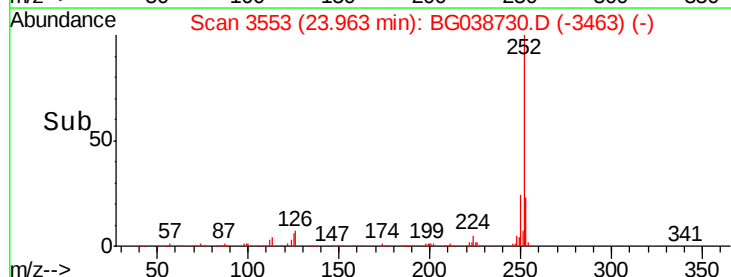
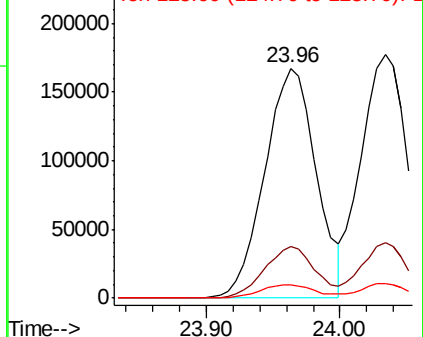


Abundance

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: 45.572 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

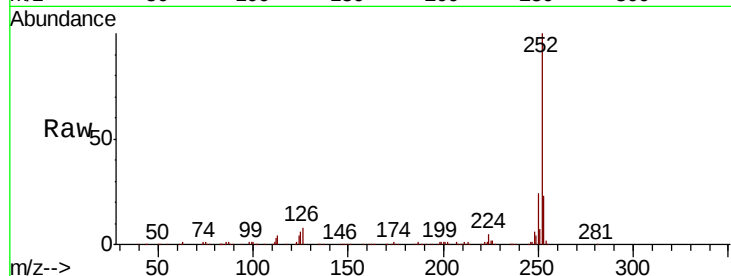
Tgt Ion:252 Resp: 428215

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

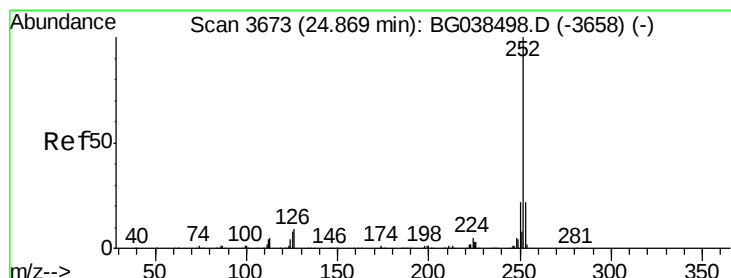
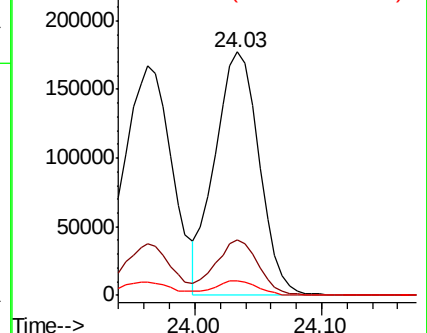
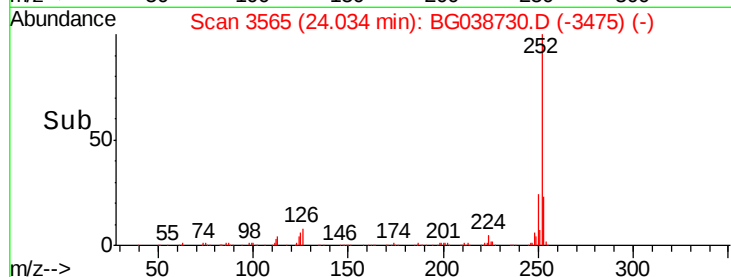
125 6.1 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.148 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

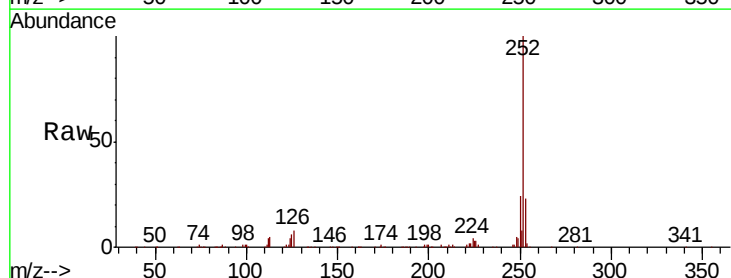
Tgt Ion:252 Resp: 429205

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

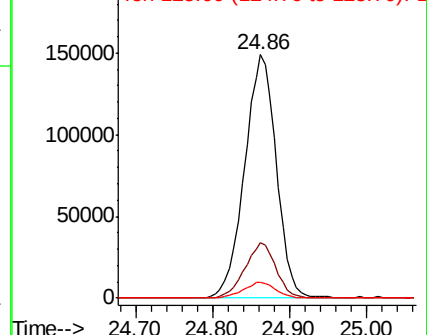
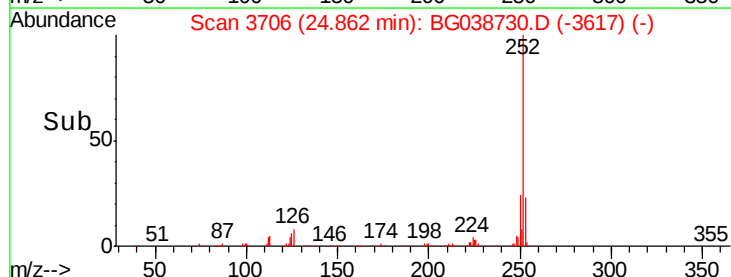
125 6.4 6.4 9.6#

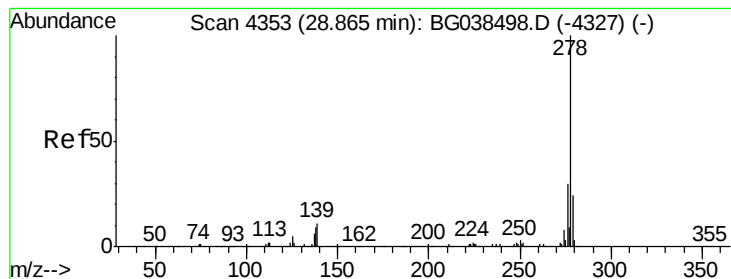


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.280 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_G

ClientSampleId :

PB115831BS

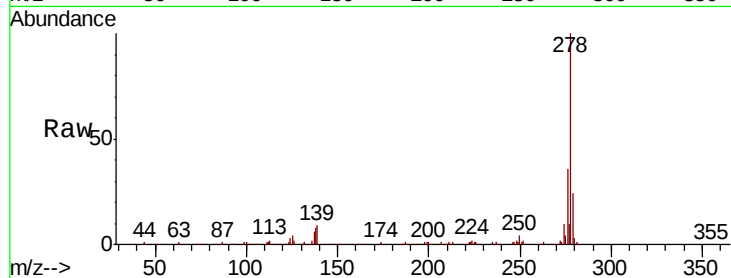
Tgt Ion:278 Resp: 419485

Ion Ratio Lower Upper

278 100

139 9.5 8.6 12.8

279 24.5 19.0 28.6

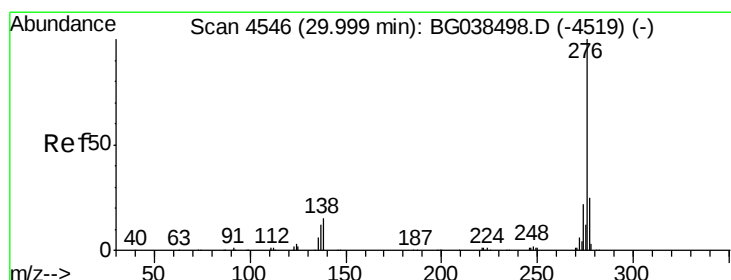
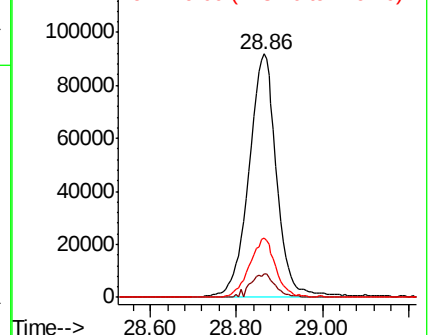
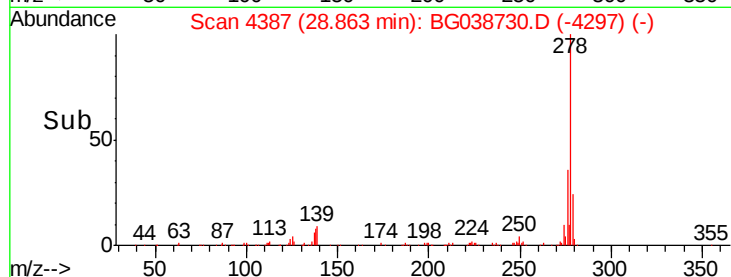


Abundance

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: 46.402 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038730.D

Acq: 19 Dec 2018 17:05

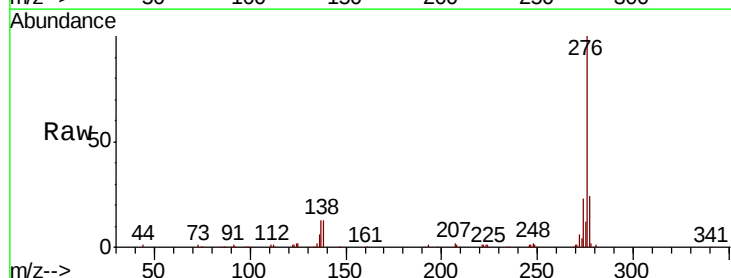
Tgt Ion:276 Resp: 414488

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 13.4 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

