

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
 Data File : BG038703.D
 Acq On : 18 Dec 2018 20:38
 Operator : JU/SJ
 Sample : PB115802BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Quant Time: Dec 19 07:00:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23266	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	91856	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61143	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	156672	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163360	20.00	ng	0.00
87) Perylene-d12	25.02	264	174415	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	187799	143.17	ng	0.00
7) Phenol-d6	7.21	99	248072	137.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	124317	69.14	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	122171	144.98	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	310063	69.57	ng	0.00
79) Terphenyl-d14	20.04	244	624864	83.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21890	35.856	ng	# 92
3) Pyridine	3.89	79	58479	34.791	ng	96
4) n-Nitrosodimethylamine	3.82	42	37622	45.680	ng	# 86
6) Aniline	7.38	93	70692	30.752	ng	98
8) 2-Chlorophenol	7.62	128	65735	43.304	ng	99
9) Benzaldehyde	7.20	77	21528	18.428	ng	97
10) Phenol	7.24	94	83983	43.898	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	57187	37.544	ng	96
12) 1,3-Dichlorobenzene	7.94	146	71312	39.731	ng	94
13) 1,4-Dichlorobenzene	8.09	146	71706	39.008	ng	96
14) 1,2-Dichlorobenzene	8.41	146	68352	39.442	ng	98
15) Benzyl Alcohol	8.30	79	59163	42.091	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	124301	35.624	ng	98
17) 2-Methylphenol	8.49	107	56199	43.844	ng	97
18) Hexachloroethane	9.14	117	26099	38.854	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	45950	36.331	ng	98
20) 3+4-Methylphenols	8.82	107	76493	43.211	ng	98
22) Acetophenone	8.89	105	93664	40.823	ng	# 99
24) Nitrobenzene	9.28	77	72998	40.132	ng	99
25) Isophorone	9.79	82	132050	40.876	ng	# 99
26) 2-Nitrophenol	9.99	139	37266	40.029	ng	93
27) 2,4-Dimethylphenol	10.03	122	65070	48.770	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	74960	41.117	ng	98
29) 2,4-Dichlorophenol	10.52	162	69356	46.726	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	75404	42.057	ng	99
31) Naphthalene	10.93	128	202483	44.739	ng	98
32) Benzoic acid	10.19	122	19978	28.746	ng	91
33) 4-Chloroaniline	11.04	127	46311	23.569	ng	96
34) Hexachlorobutadiene	11.19	225	49172	40.532	ng	97
35) Caprolactam	11.83	113	23361	38.030	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	72659	42.896	ng	98
37) 2-Methylnaphthalene	12.53	142	153441	47.523	ng	95
38) 1-Methylnaphthalene	12.74	142	144566	46.141	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	88904	38.899	ng	97

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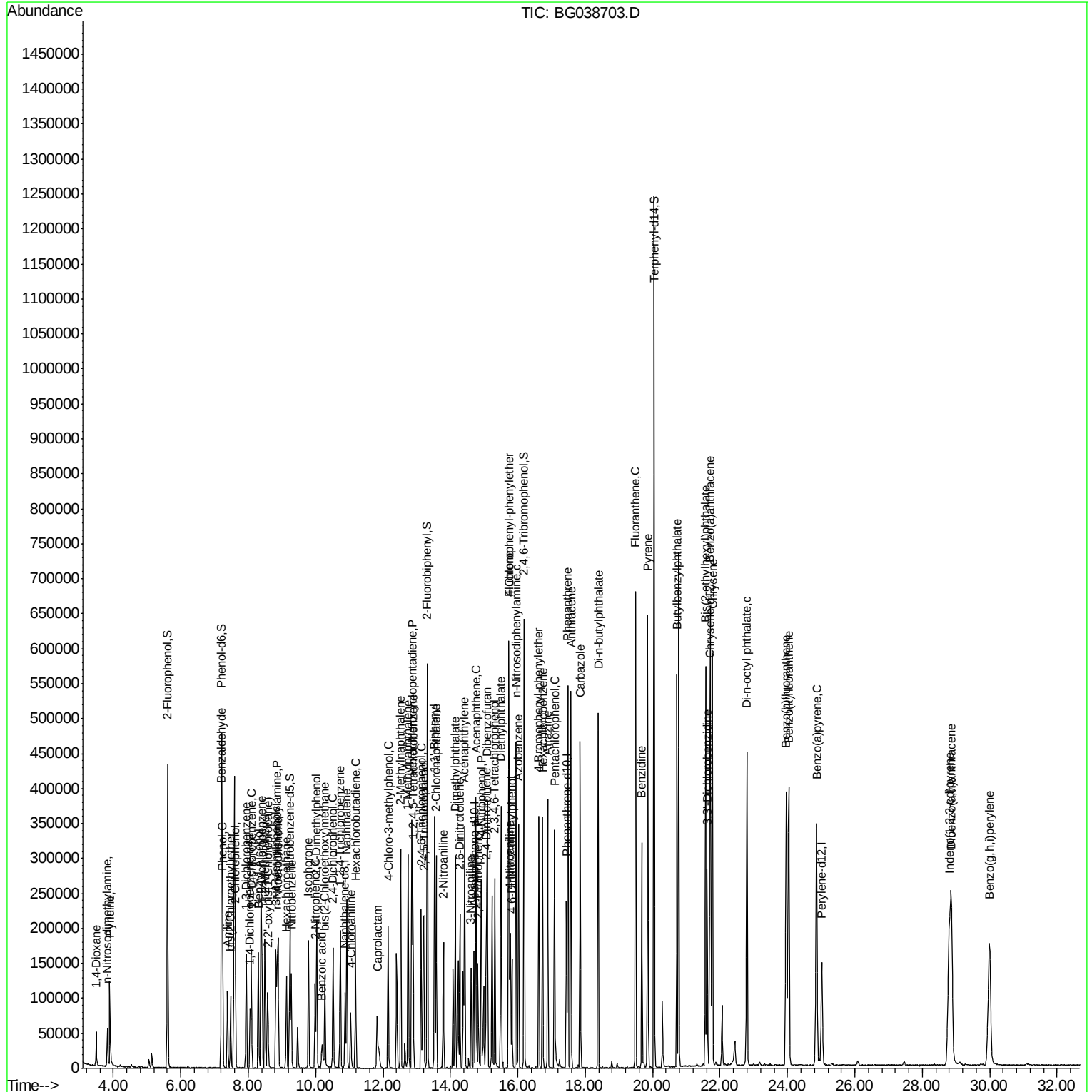
Quant Time: Dec 19 07:00:24 2018
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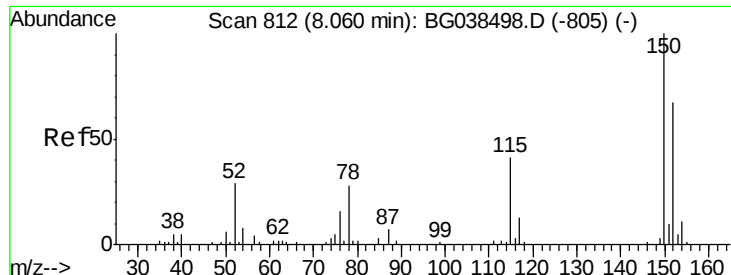
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	110767	88.215	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	62369	44.382	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	66891	44.958	ng	94
46) 1,1'-Biphenyl	13.53	154	197702	38.570	ng	99
47) 2-Chloronaphthalene	13.58	162	161703	40.841	ng	97
48) 2-Nitroaniline	13.79	65	52099	41.310	ng	93
49) Acenaphthylene	14.42	152	263666	44.545	ng	100
50) Dimethylphthalate	14.15	163	205214	41.099	ng	100
51) 2,6-Dinitrotoluene	14.28	165	46580	41.165	ng	98
52) Acenaphthene	14.76	154	149159	42.142	ng	98
53) 3-Nitroaniline	14.61	138	35083	30.415	ng	# 94
54) 2,4-Dinitrophenol	14.82	184	41894	63.376	ng	100
55) Dibenzofuran	15.09	168	254946	42.021	ng	98
56) 4-Nitrophenol	14.92	139	71154	81.315	ng	96
57) 2,4-Dinitrotoluene	15.06	165	67375	42.275	ng	98
58) Fluorene	15.74	166	206028	45.835	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	62155	46.432	ng	99
60) Diethylphthalate	15.50	149	216592	39.514	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	115705	41.256	ng	98
62) 4-Nitroaniline	15.78	138	51367	43.256	ng	97
63) Azobenzene	16.02	77	185777	40.571	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	40274	36.035	ng	96
66) n-Nitrosodiphenylamine	15.94	169	188711	40.994	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	78104	40.819	ng	99
68) Hexachlorobenzene	16.74	284	80170	40.419	ng	98
69) Atrazine	16.89	200	78405	45.895	ng	94
70) Pentachlorophenol	17.09	266	79286	67.581	ng	97
71) Phenanthrene	17.48	178	363185	44.703	ng	98
72) Anthracene	17.58	178	369520	46.072	ng	99
73) Carbazole	17.85	167	329452	41.534	ng	99
74) Di-n-butylphthalate	18.38	149	382693	42.046	ng	99
75) Fluoranthene	19.49	202	454752	45.239	ng	97
77) Benzidine	19.68	184	205383	42.512	ng	99
78) Pyrene	19.86	202	454012	42.069	ng	99
80) Butylbenzylphthalate	20.72	149	170156	40.357	ng	98
81) Benzo(a)anthracene	21.70	228	446430	44.848	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	116627	29.541	ng	100
83) Chrysene	21.77	228	413318	43.108	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	241331	40.357	ng	98
85) Di-n-octyl phthalate	22.80	149	412748	41.214	ng	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	506770	44.957	ng	# 79
88) Benzo(b)fluoranthene	23.96	252	448183	46.802	ng	99
89) Benzo(k)fluoranthene	24.04	252	424705	44.538	ng	97
90) Benzo(a)pyrene	24.86	252	431333	46.689	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	420427	45.706	ng	99
92) Benzo(g,h,i)perylene	29.99	276	415748	45.862	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

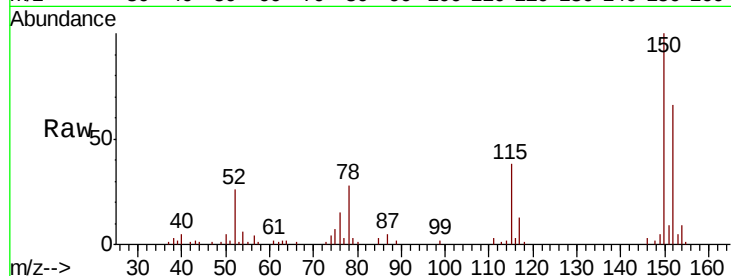
Tgt Ion:152 Resp: 23266

Ion Ratio Lower Upper

152 100

150 152.6 119.5 179.3

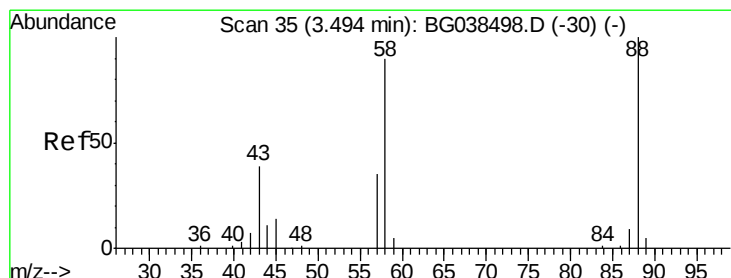
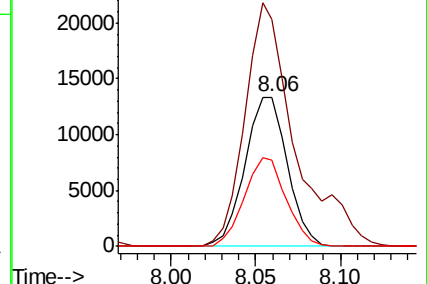
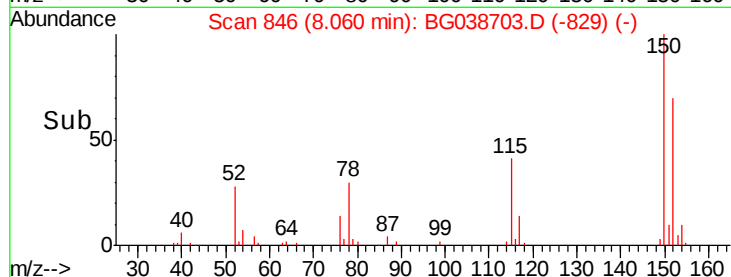
115 58.0 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.856 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

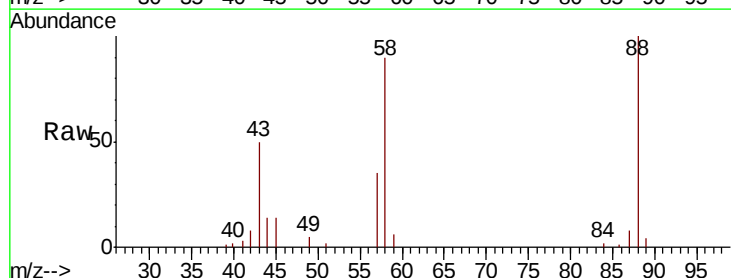
Tgt Ion: 88 Resp: 21890

Ion Ratio Lower Upper

88 100

58 98.3 75.7 113.5

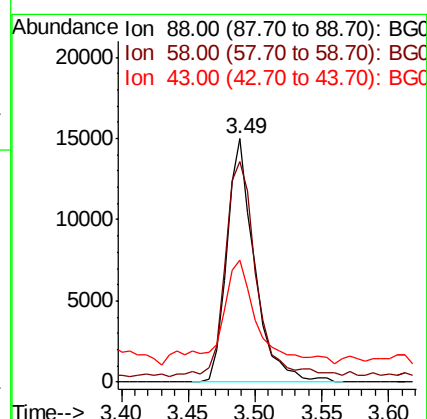
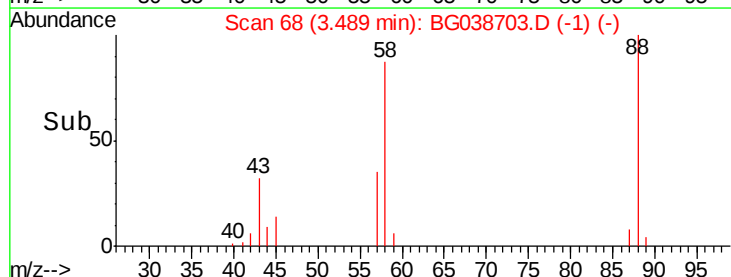
43 51.1 31.6 47.4#

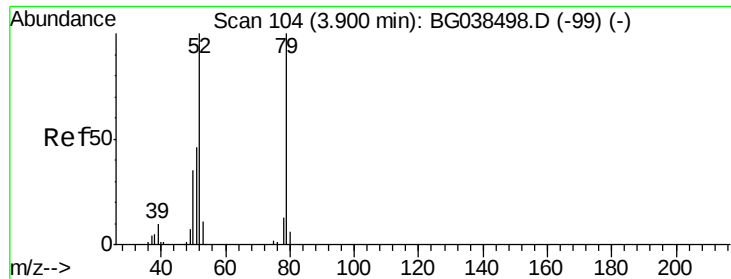


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

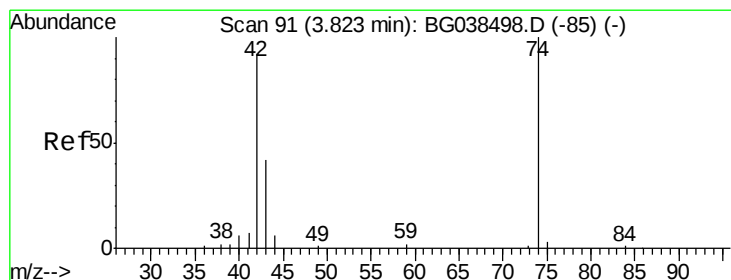
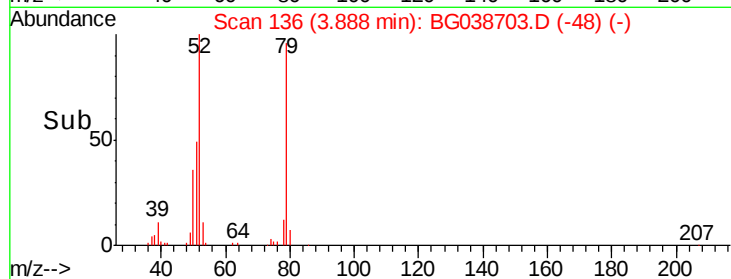
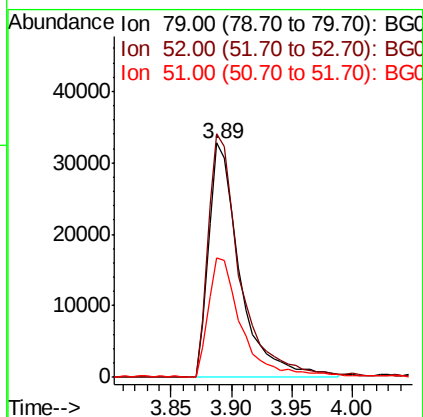
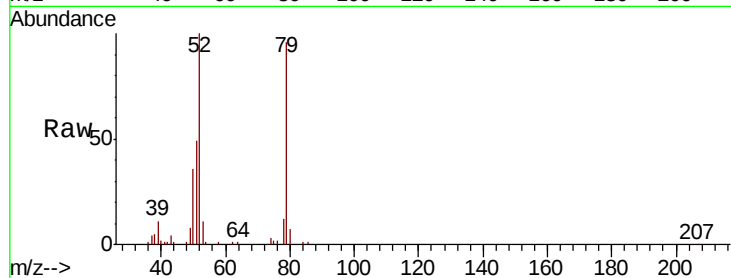




#3
 Pyridine
 Concen: 34.791 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

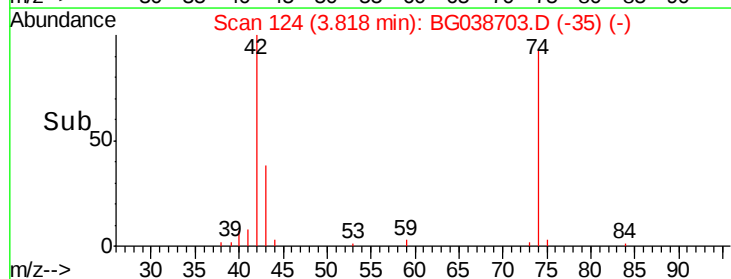
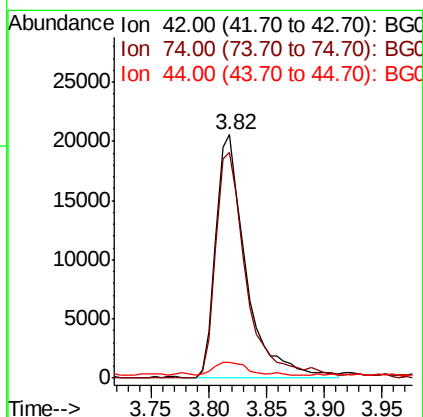
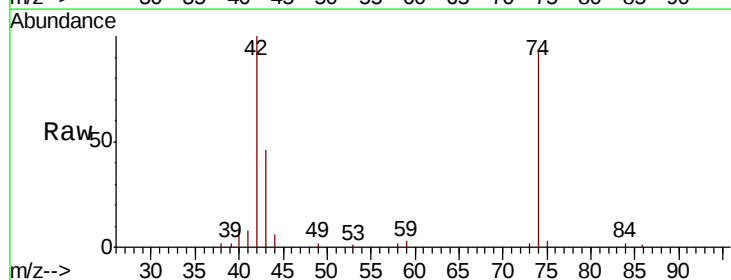
Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

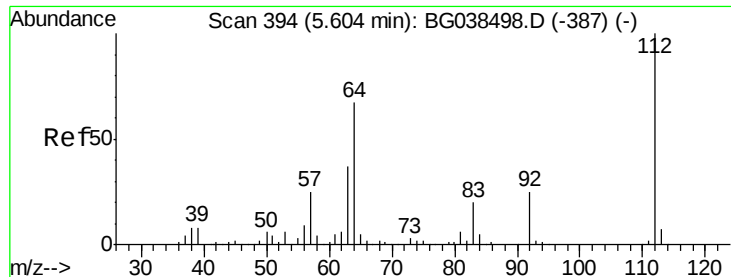
Tgt Ion: 79 Resp: 58479
 Ion Ratio Lower Upper
 79 100
 52 103.9 80.2 120.2
 51 51.1 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 45.680 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion: 42 Resp: 37622
 Ion Ratio Lower Upper
 42 100
 74 92.8 86.7 130.1
 44 6.3 7.8 11.8#





#5

2-Fluorophenol

Concen: 143.166 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampled :

PB115802BS

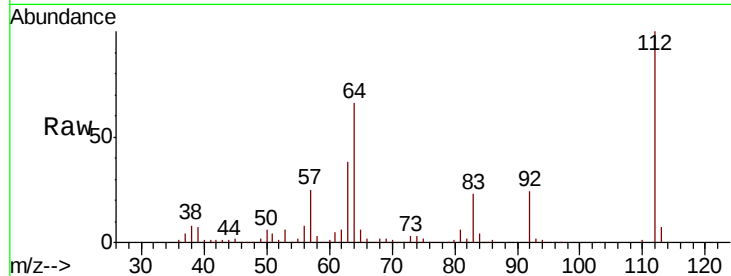
Tgt Ion: 112 Resp: 187799

Ion Ratio Lower Upper

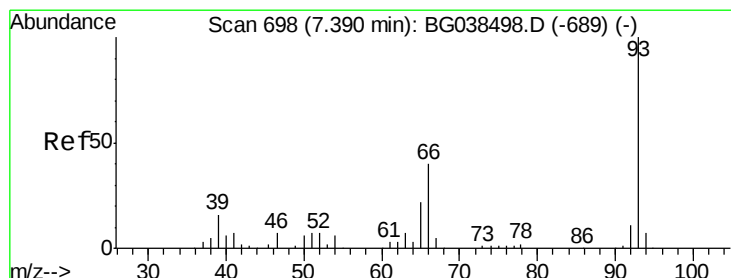
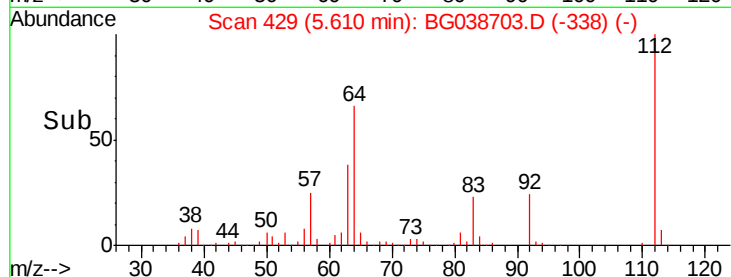
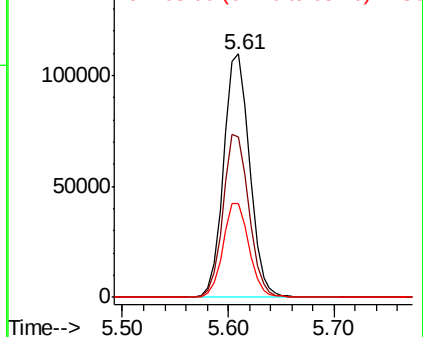
112 100

64 66.0 53.4 80.2

63 38.4 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: 30.752 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

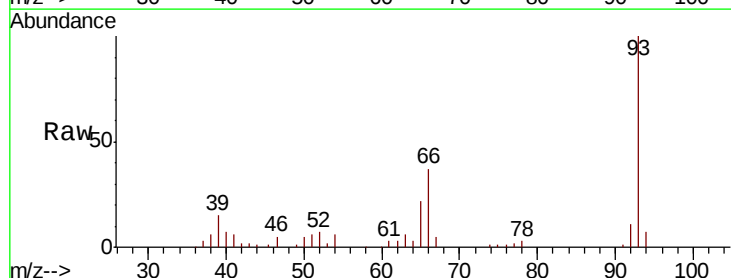
Tgt Ion: 93 Resp: 70692

Ion Ratio Lower Upper

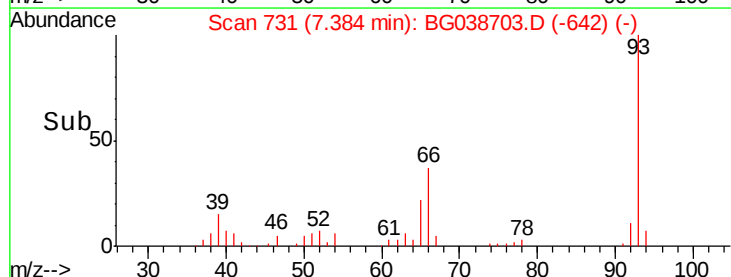
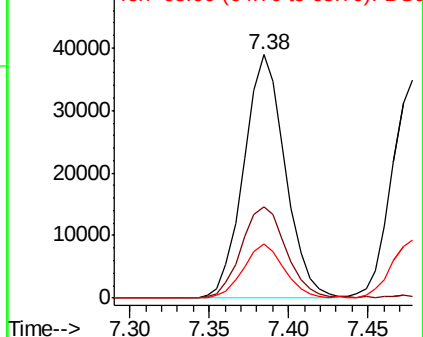
93 100

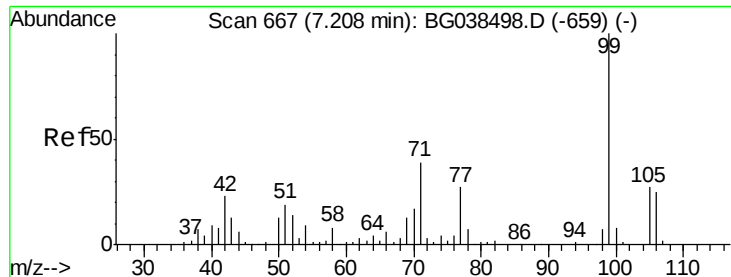
66 37.4 31.7 47.5

65 22.1 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.757 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

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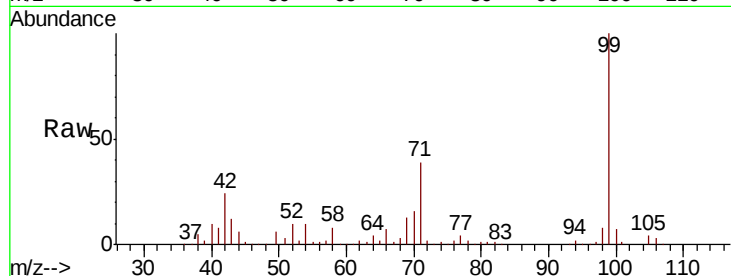
Tgt Ion: 99 Resp: 248072

Ion Ratio Lower Upper

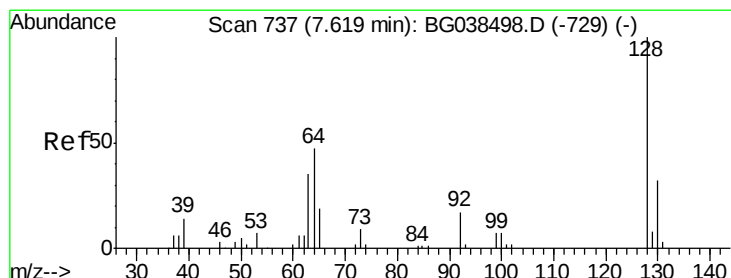
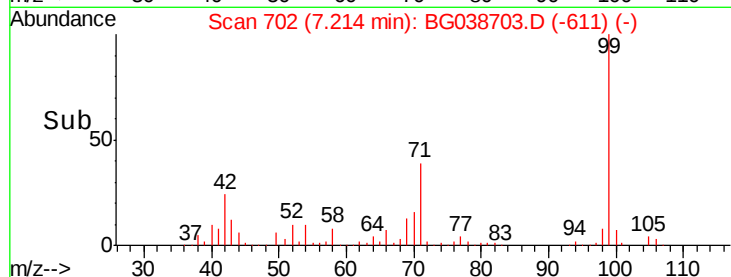
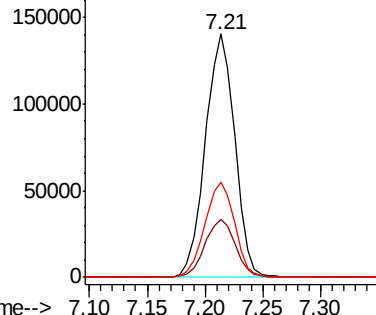
99 100

42 23.6 18.5 27.7

71 38.9 31.1 46.7



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



#8

2-Chlorophenol

Concen: 43.304 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

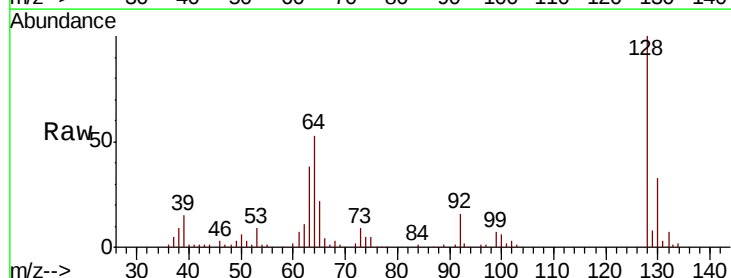
Tgt Ion: 128 Resp: 65735

Ion Ratio Lower Upper

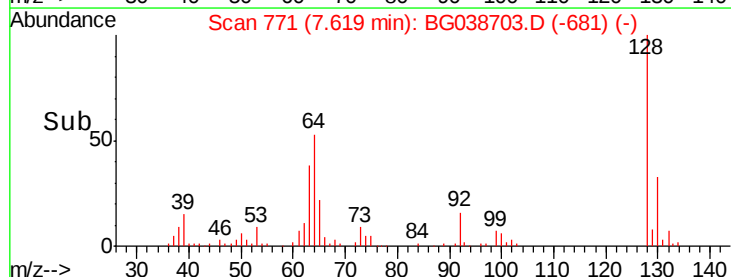
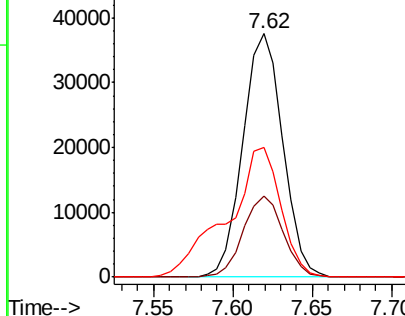
128 100

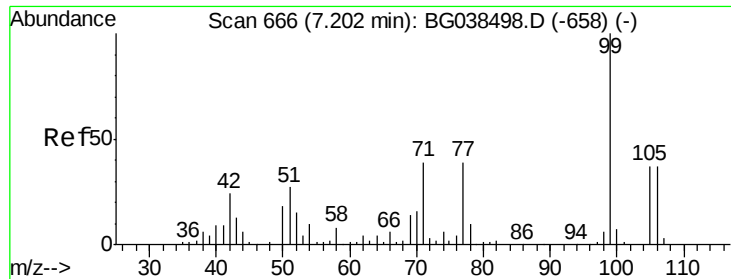
130 33.4 11.8 51.8

64 53.3 33.2 73.2



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





#9

Benzaldehyde

Concen: 18.428 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

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ClientSampleId :

PB115802BS

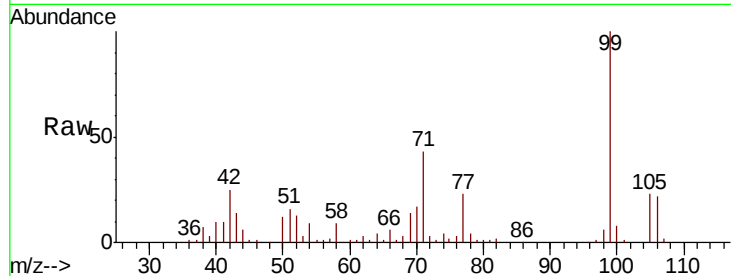
Tgt Ion: 77 Resp: 21528

Ion Ratio Lower Upper

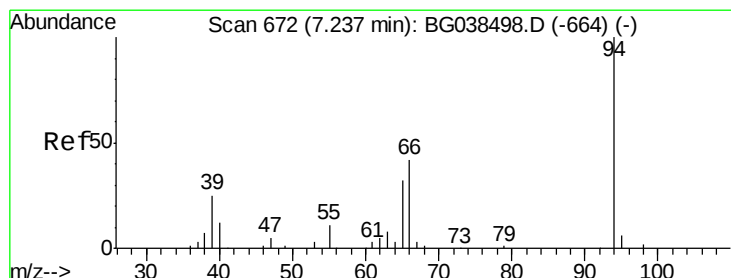
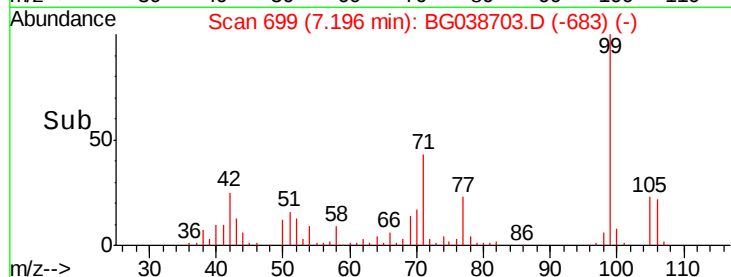
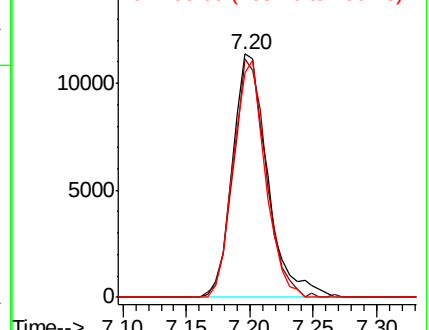
77 100

105 97.9 74.0 114.0

106 92.1 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: 43.898 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

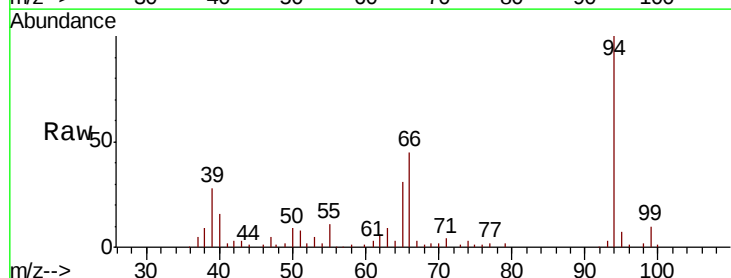
Tgt Ion: 94 Resp: 83983

Ion Ratio Lower Upper

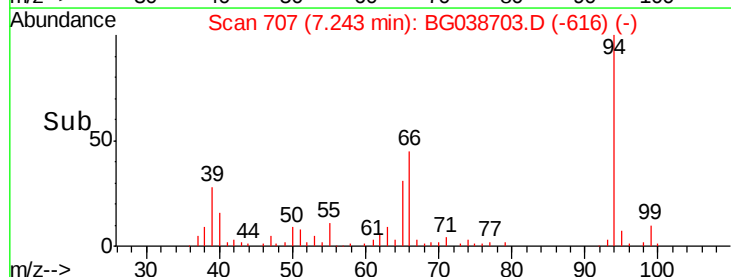
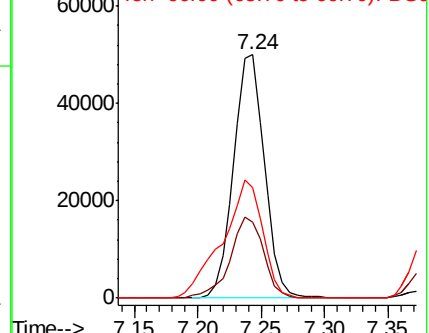
94 100

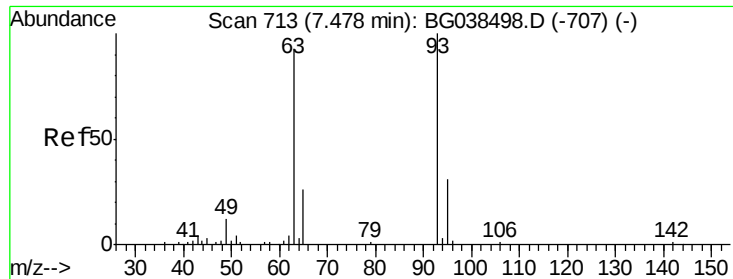
65 31.2 12.6 52.6

66 45.4 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

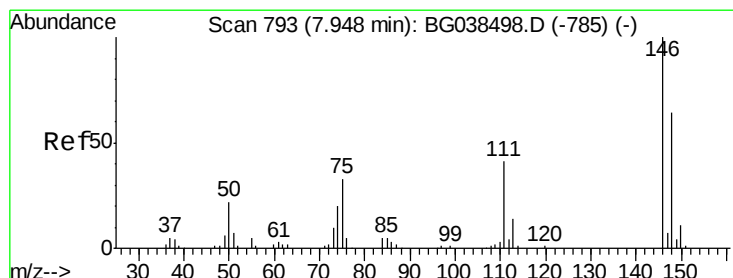
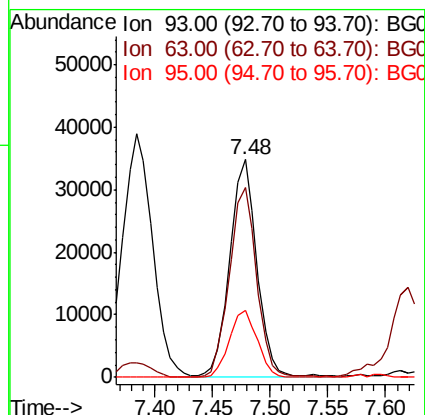
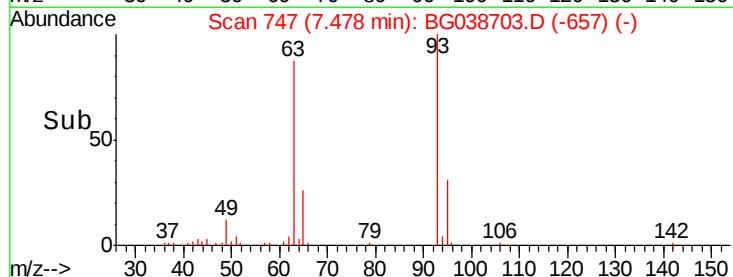
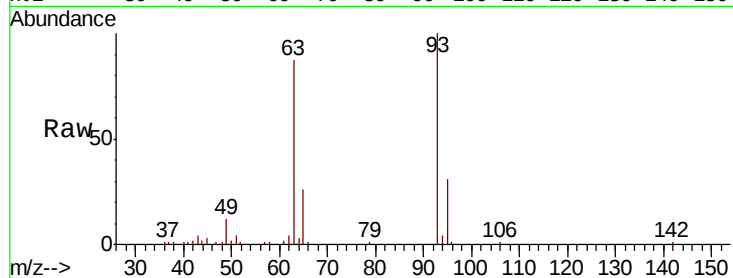




#11
bis(2-Chloroethyl)ether
Concen: 37.544 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

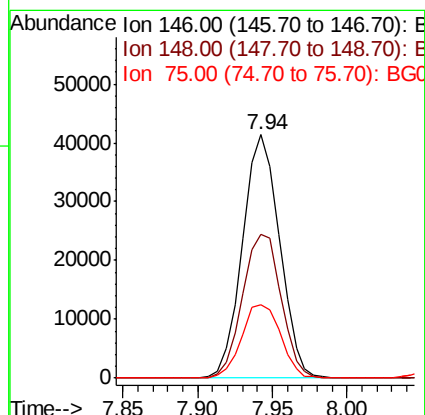
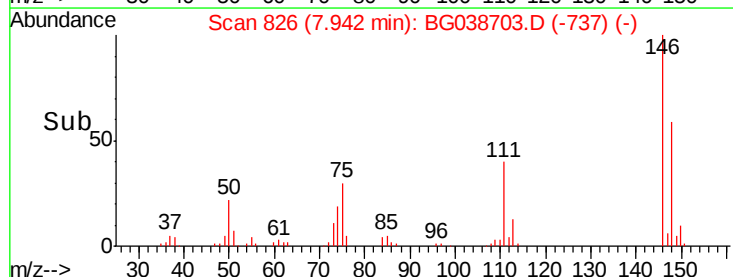
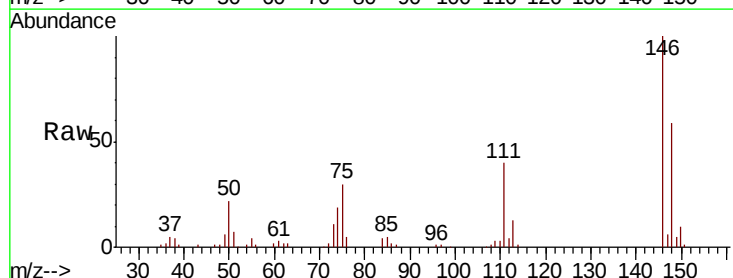
Instrument :
BNA_G
ClientSampleId :
PB115802BS

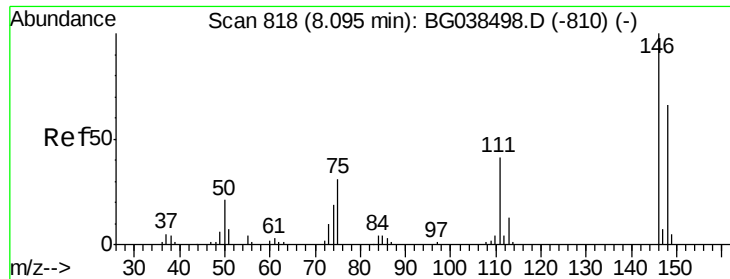
Tgt Ion: 93 Resp: 57187
Ion Ratio Lower Upper
93 100
63 87.1 72.2 112.2
95 30.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.731 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion: 146 Resp: 71312
Ion Ratio Lower Upper
146 100
148 58.9 51.4 77.0
75 30.2 26.1 39.1

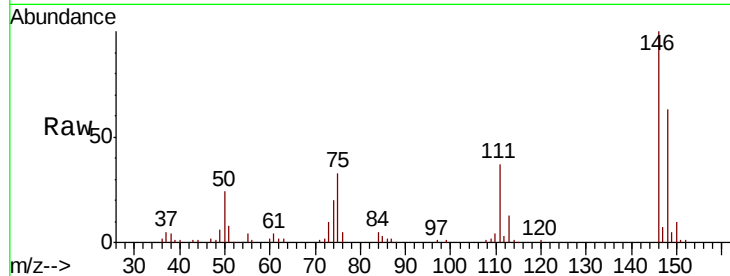




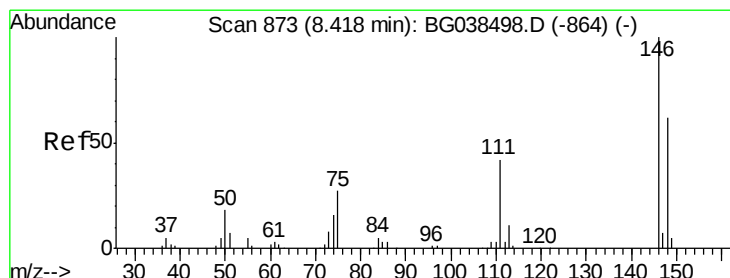
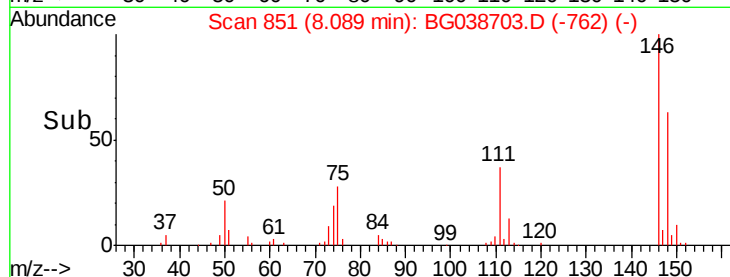
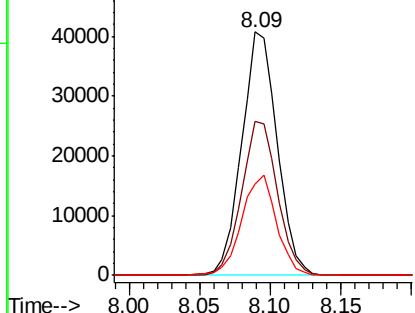
#13
 1,4-Dichlorobenzene
 Concen: 39.008 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Tgt Ion:146 Resp: 71706
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.4 78.6
 111 37.3 33.0 49.4

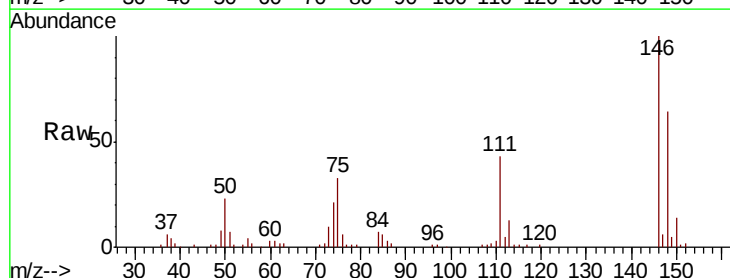


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

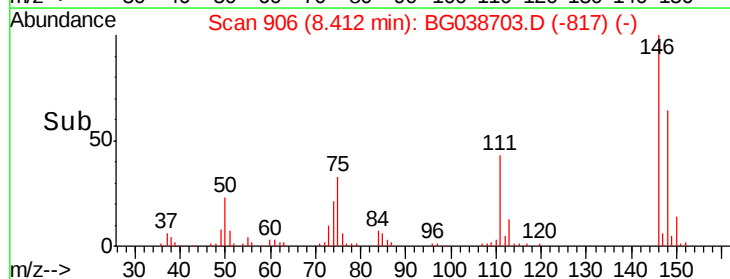
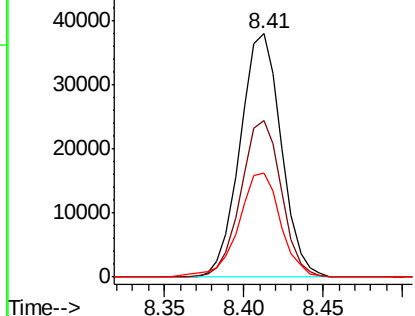


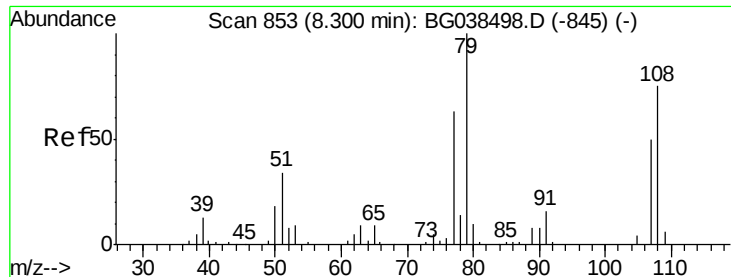
#14
 1,2-Dichlorobenzene
 Concen: 39.442 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion:146 Resp: 68352
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.4 74.0
 111 42.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.091 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

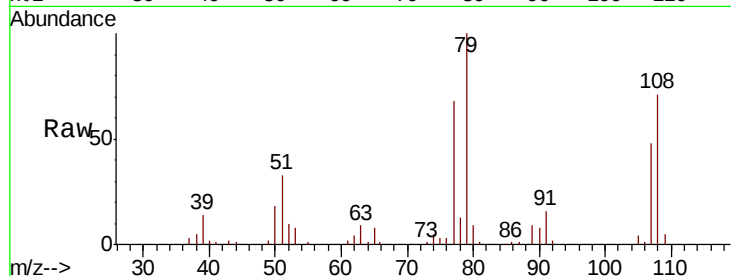
Tgt Ion: 79 Resp: 59163

Ion Ratio Lower Upper

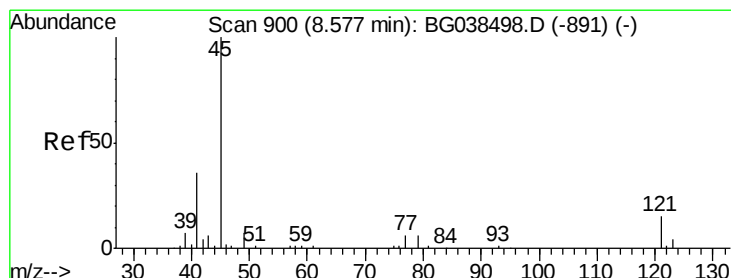
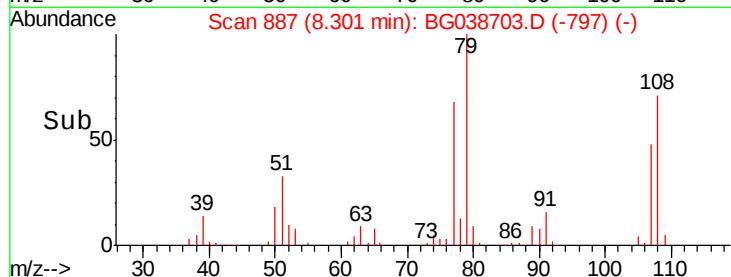
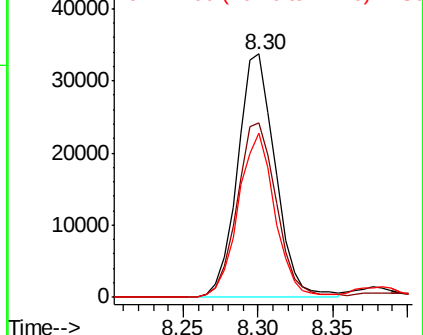
79 100

108 71.5 60.2 90.4

77 67.7 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: 35.624 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

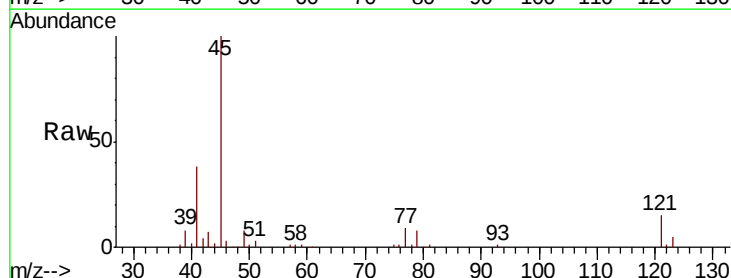
Tgt Ion: 45 Resp: 124301

Ion Ratio Lower Upper

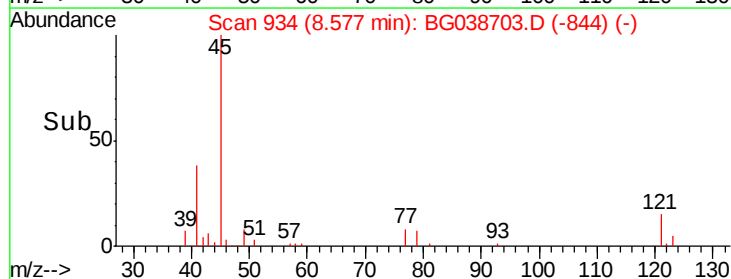
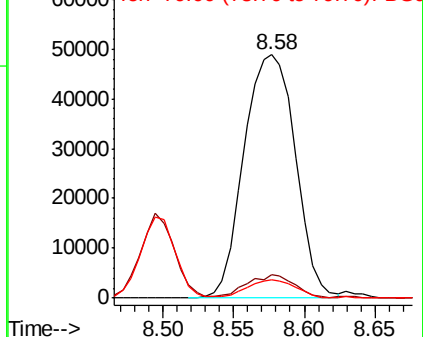
45 100

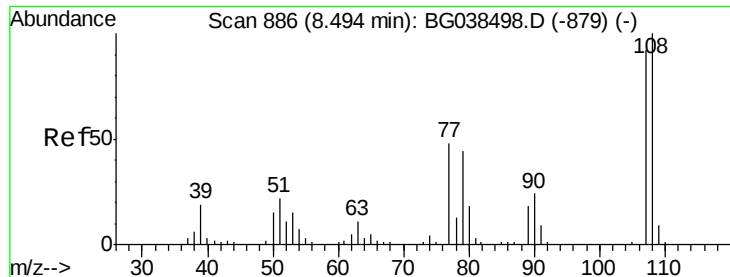
77 9.5 0.0 28.2

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

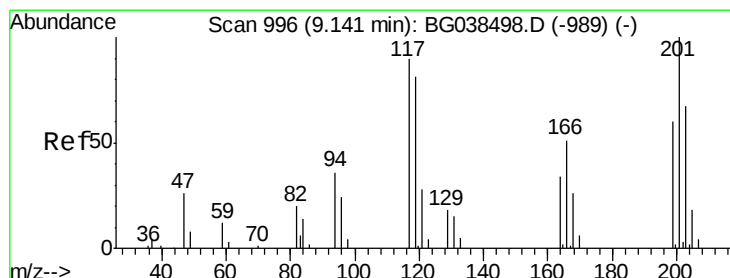
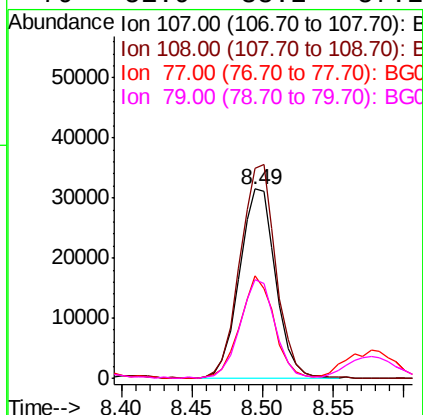
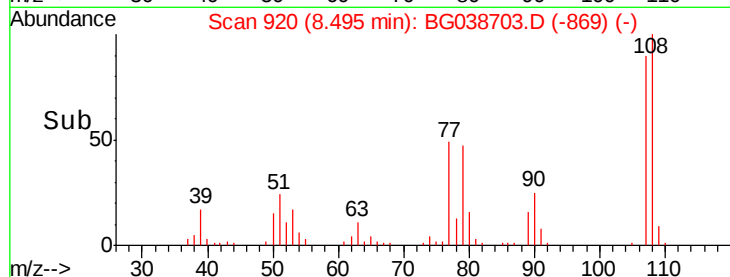
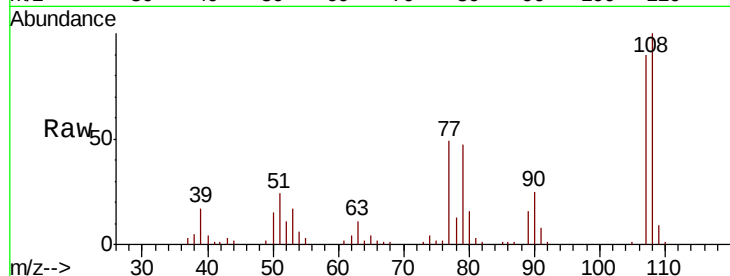




#17
2-Methylphenol
Concen: 43.844 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

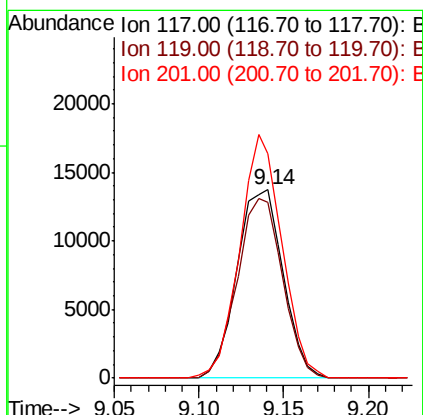
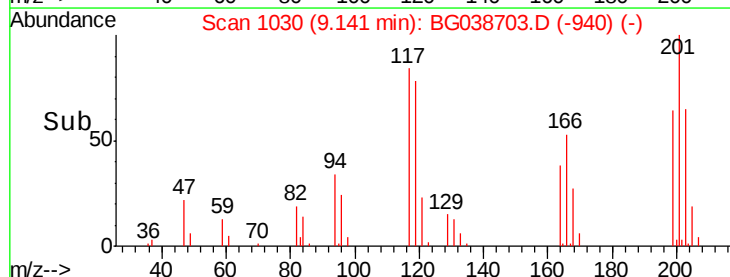
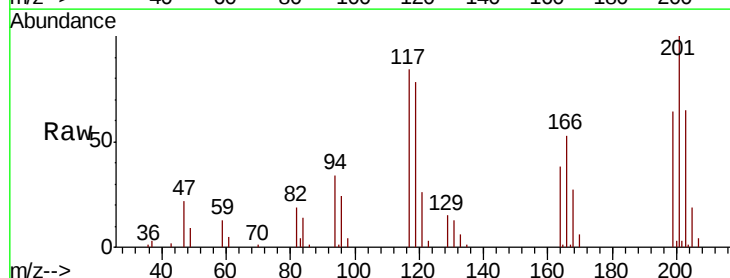
Instrument :
BNA_G
ClientSampleId :
PB115802BS

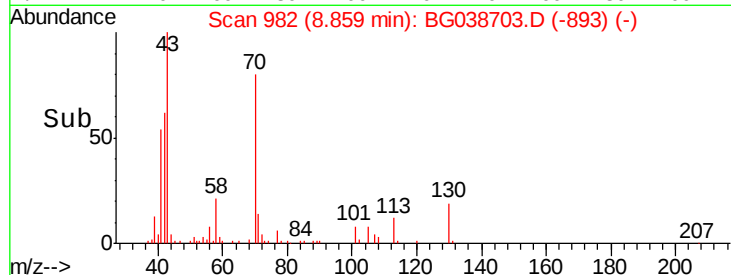
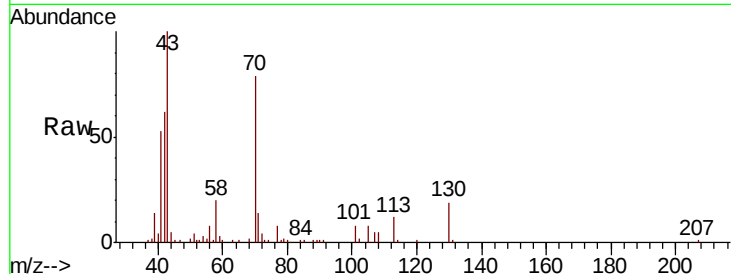
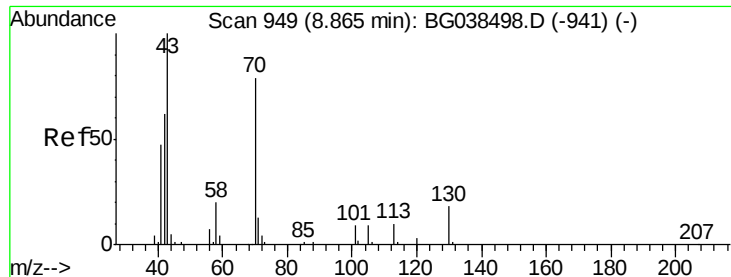
Tgt Ion:	107	Resp:	56199
Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.1	130.7
77	54.2	42.0	63.0
79	51.9	38.2	57.2



#18
Hexachloroethane
Concen: 38.854 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:	117	Resp:	26099
Ion	Ratio	Lower	Upper
117	100		
119	93.2	73.8	110.8
201	123.1	89.4	134.0

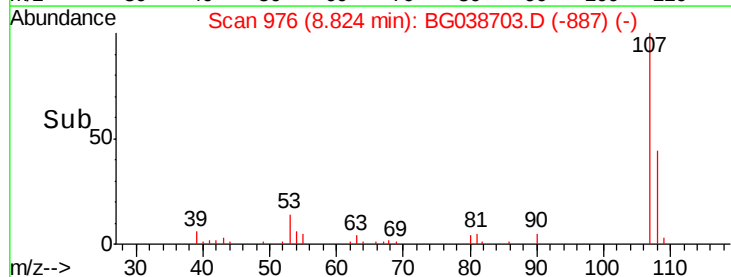
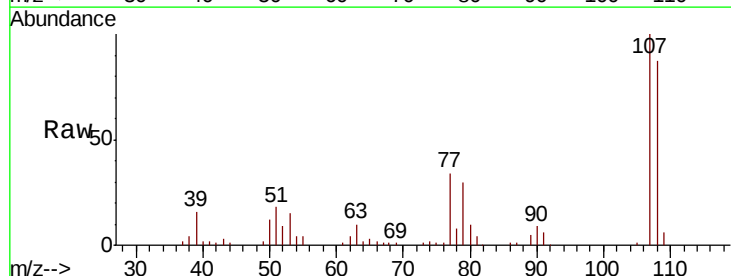
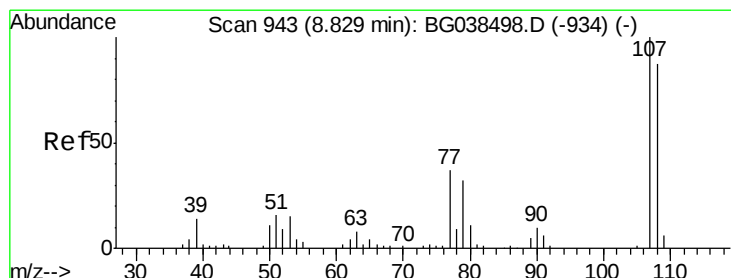
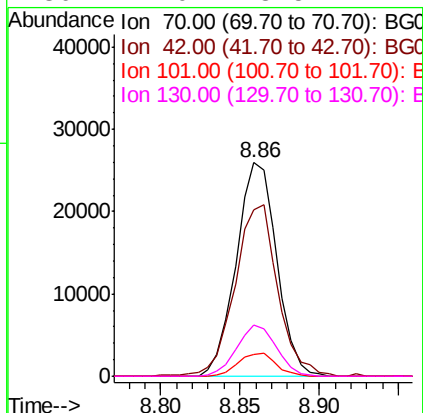




#19
n-Nitroso-di-n-propylamine
Concen: 36.331 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

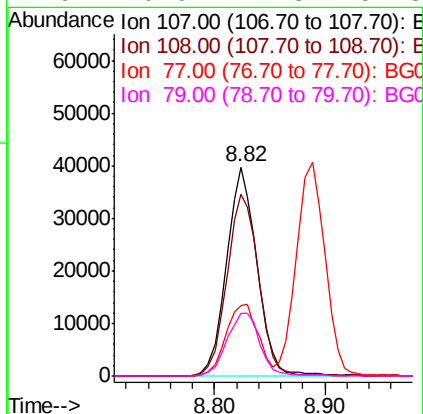
Instrument :
BNA_G
ClientSampleId :
PB115802BS

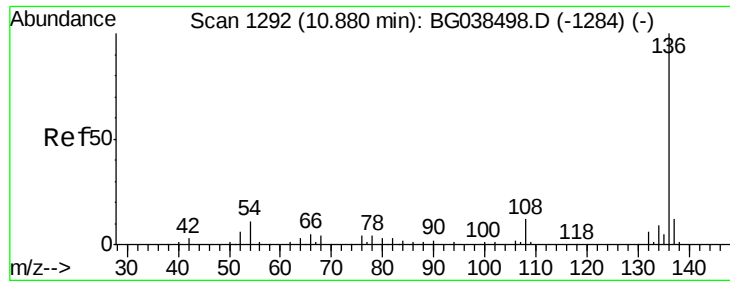
Tgt Ion:	70	Resp:	45950
Ion	Ratio	Lower	Upper
70	100		
42	77.8	63.6	95.4
101	10.3	9.2	13.8
130	24.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 43.211 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:	107	Resp:	76493
Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.7	106.7
77	33.7	17.3	57.3
79	29.9	12.3	52.3

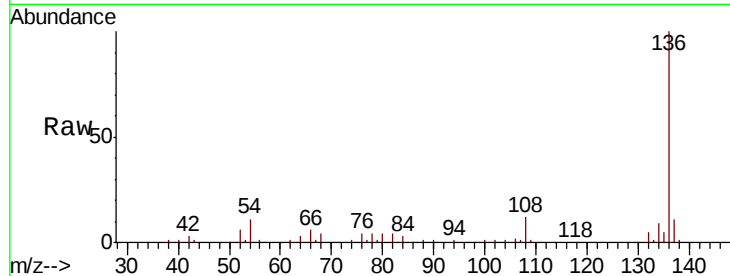




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion:	136	Resp:	91856
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	10.7	8.5	12.7
68	3.8	3.5	5.3



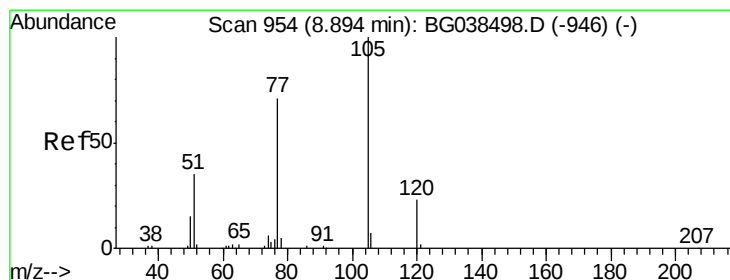
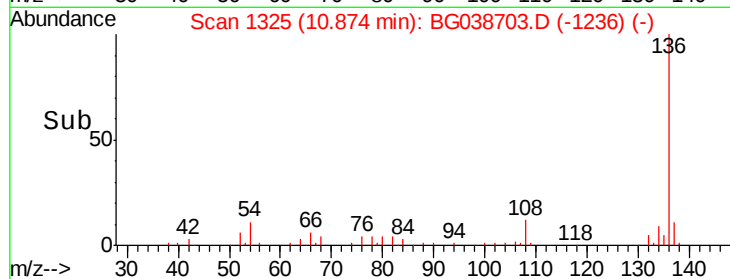
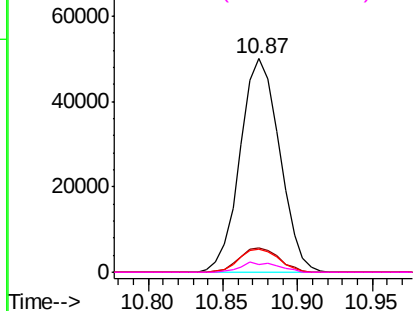
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

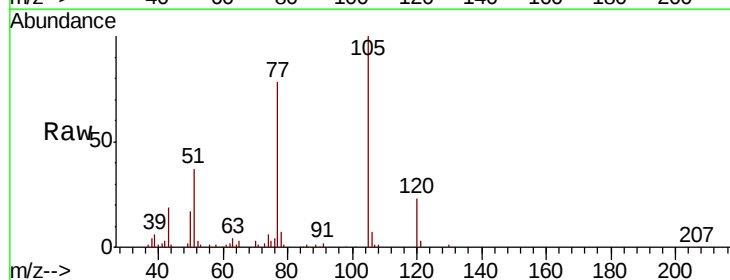
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.823 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:	105	Resp:	93664
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.4	0.6#
51	37.1	30.6	46.0
120	23.0	18.6	28.0



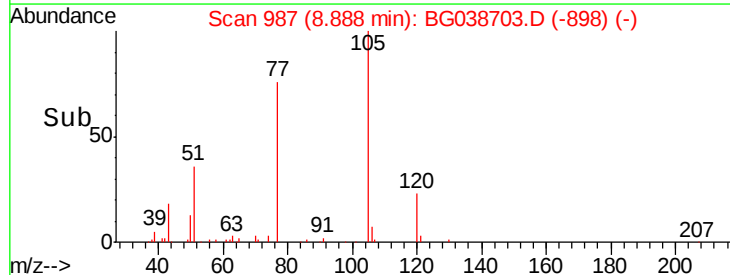
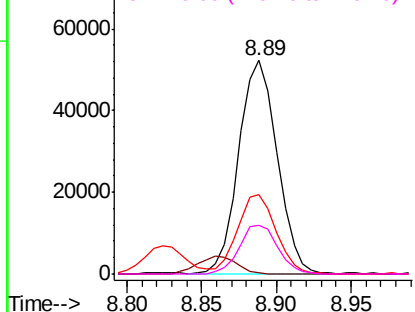
Abundance

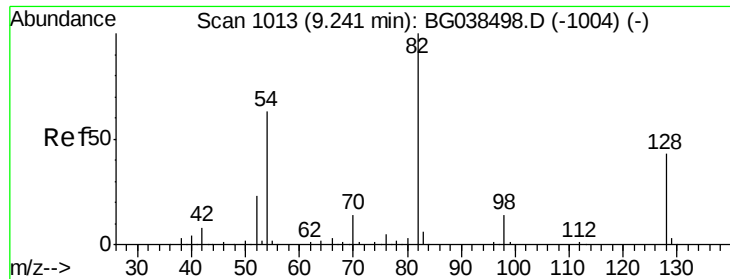
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

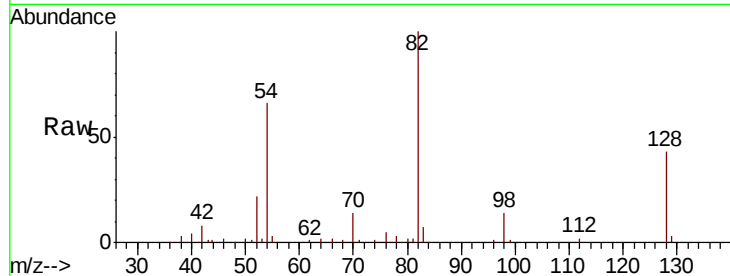




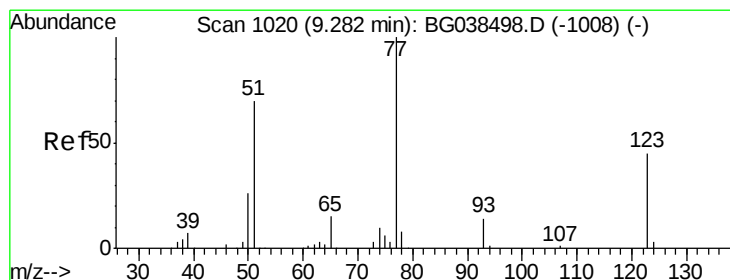
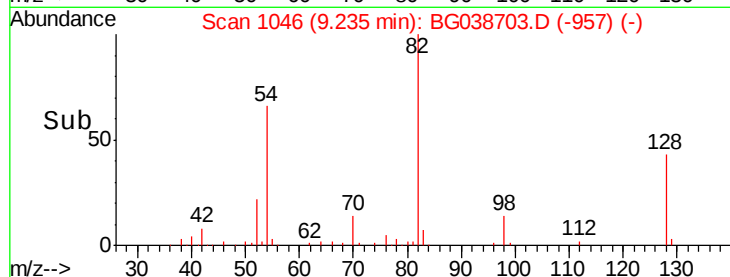
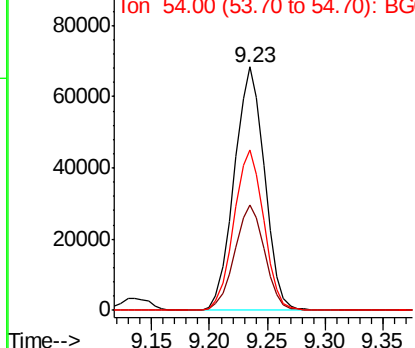
#23
Nitrobenzene-d5
Concen: 69.141 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion: 82 Resp: 124317
Ion Ratio Lower Upper
82 100
128 43.3 34.6 52.0
54 66.0 50.6 76.0

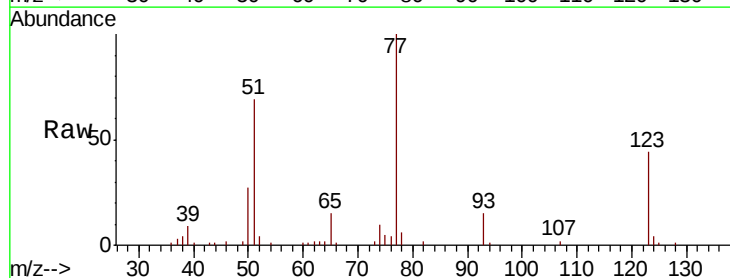


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

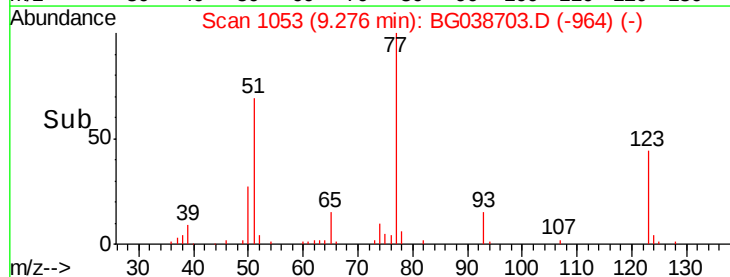
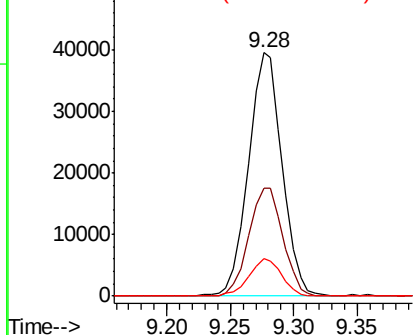


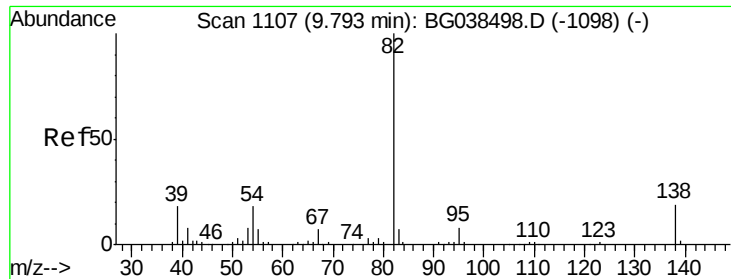
#24
Nitrobenzene
Concen: 40.132 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion: 77 Resp: 72998
Ion Ratio Lower Upper
77 100
123 44.1 35.9 53.9
65 15.4 12.0 18.0



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

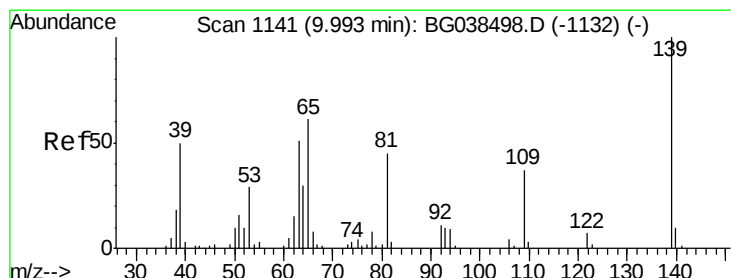
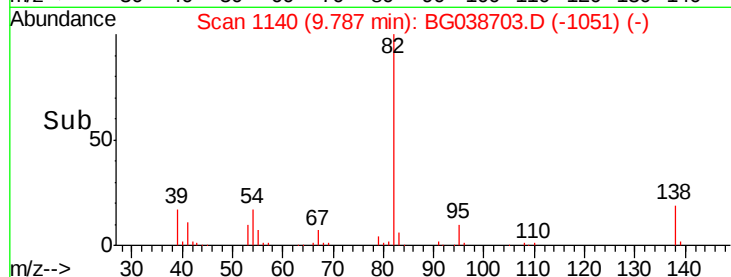
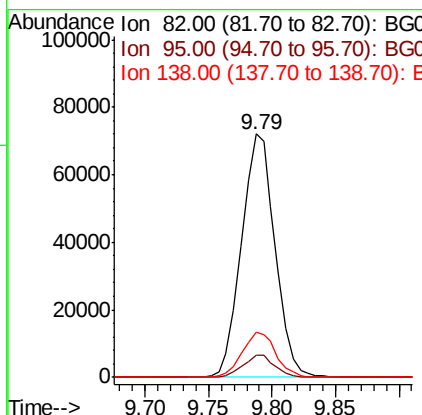
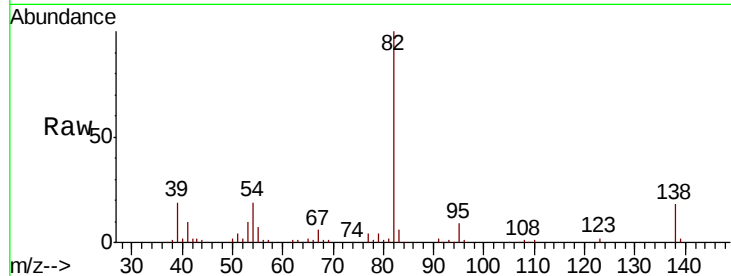




#25
Isophorone
Concen: 40.876 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

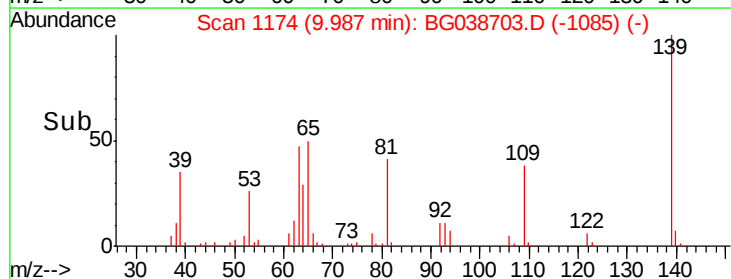
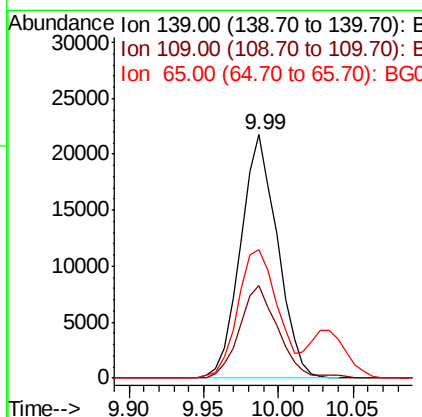
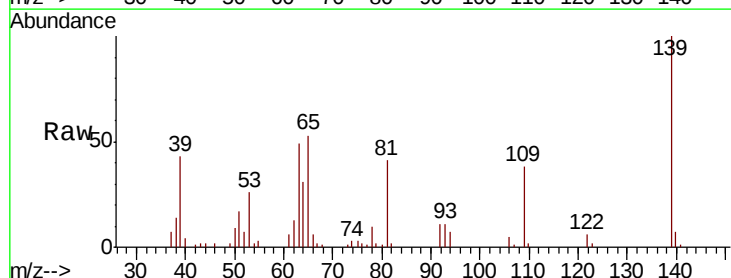
Instrument :
BNA_G
ClientSampleId :
PB115802BS

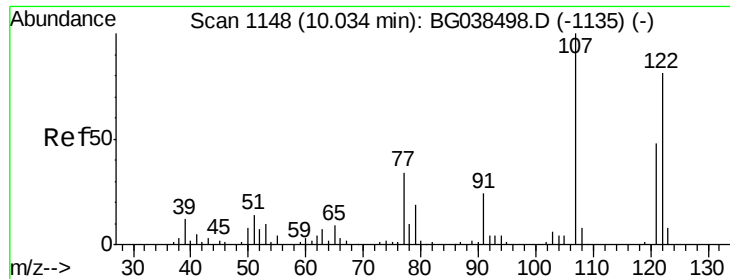
Tgt Ion: 82 Resp: 132050
Ion Ratio Lower Upper
82 100
95 9.1 6.1 9.1#
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 40.029 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion: 139 Resp: 37266
Ion Ratio Lower Upper
139 100
109 38.3 29.5 44.3
65 52.8 48.5 72.7

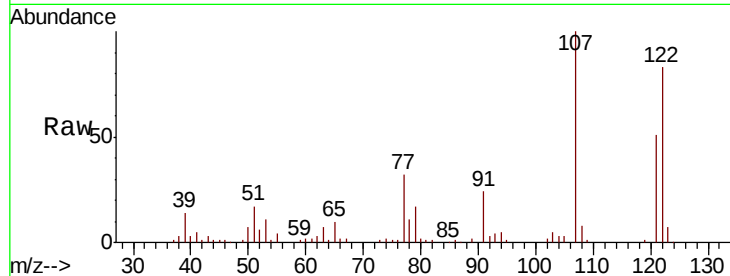




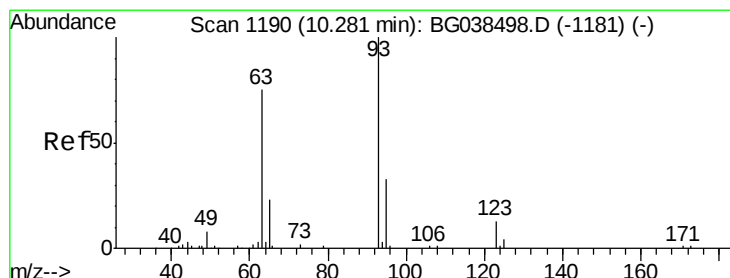
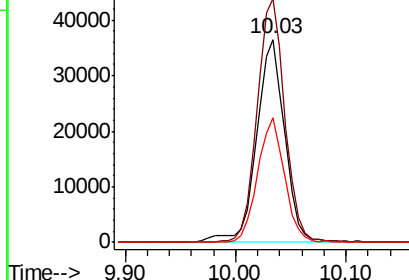
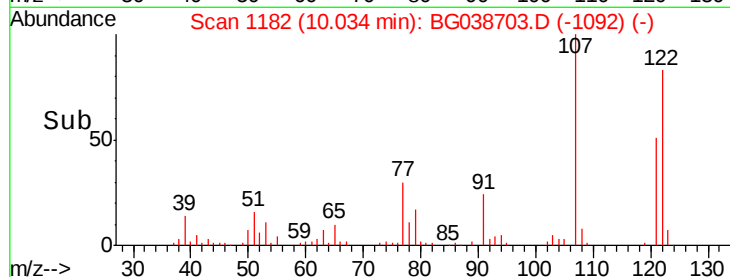
#27
 2,4-Dimethylphenol
 Concen: 48.770 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Tgt Ion:122 Resp: 65070
 Ion Ratio Lower Upper
 122 100
 107 120.1 98.4 147.6
 121 61.4 47.2 70.8

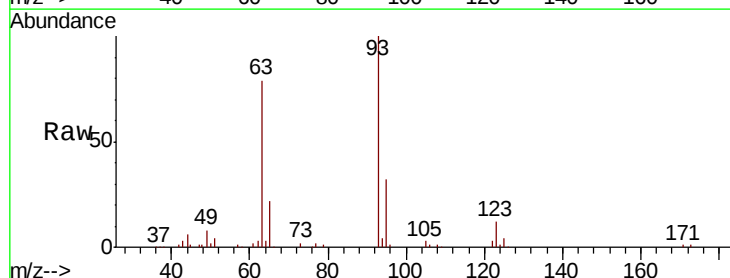


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

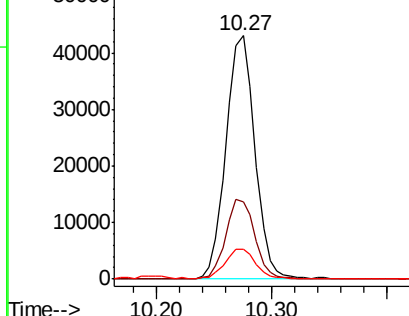
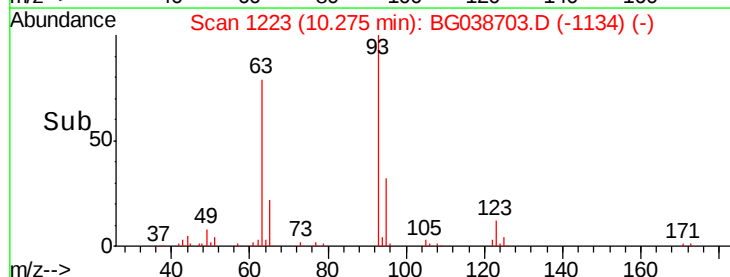


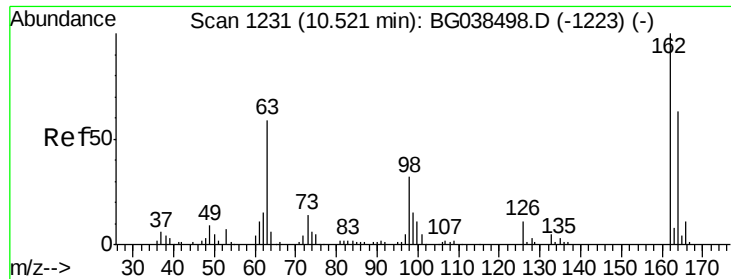
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.117 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion: 93 Resp: 74960
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 40.0
 123 12.2 10.6 16.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

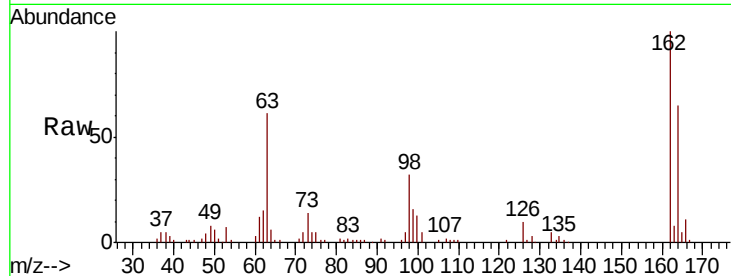




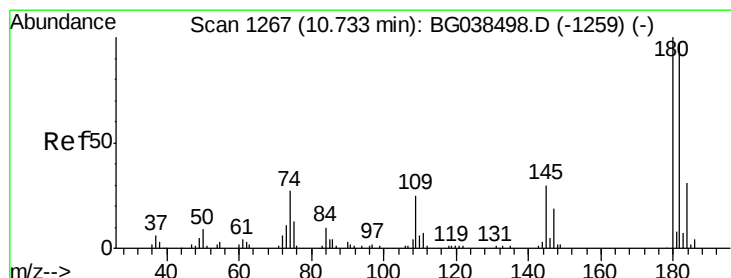
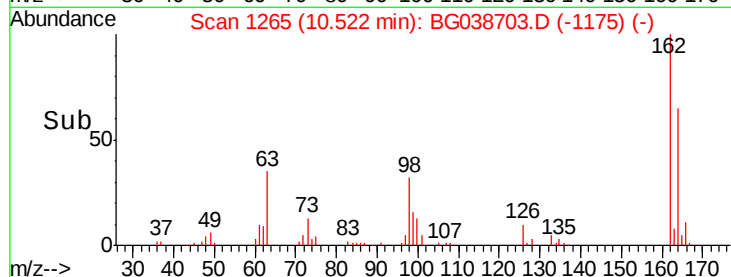
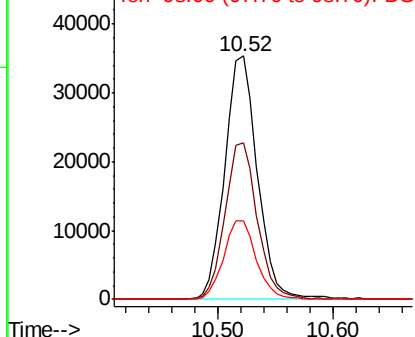
#29
2,4-Dichlorophenol
Concen: 46.726 ng
RT: 10.52 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion:162 Resp: 69356
Ion Ratio Lower Upper
162 100
164 64.6 42.9 82.9
98 32.5 12.1 52.1

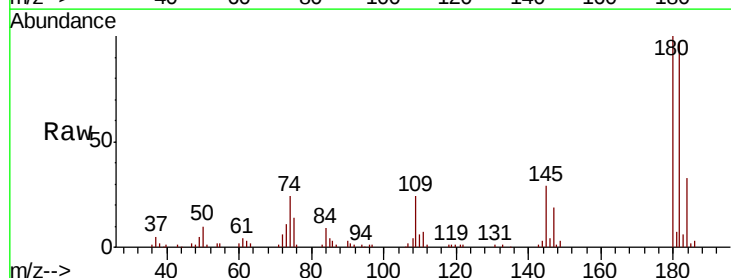


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

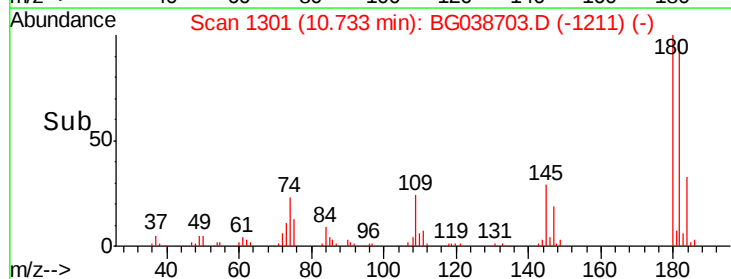
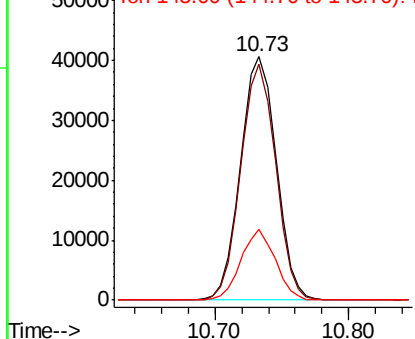


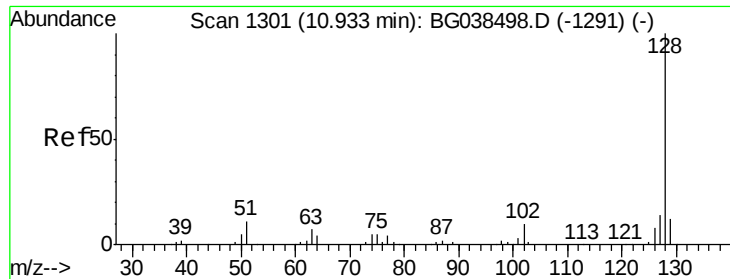
#30
1,2,4-Trichlorobenzene
Concen: 42.057 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:180 Resp: 75404
Ion Ratio Lower Upper
180 100
182 97.0 77.4 116.0
145 29.2 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

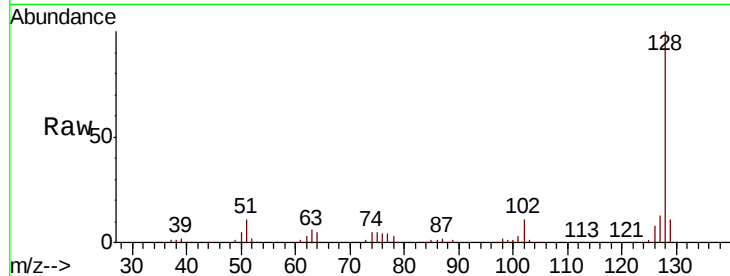




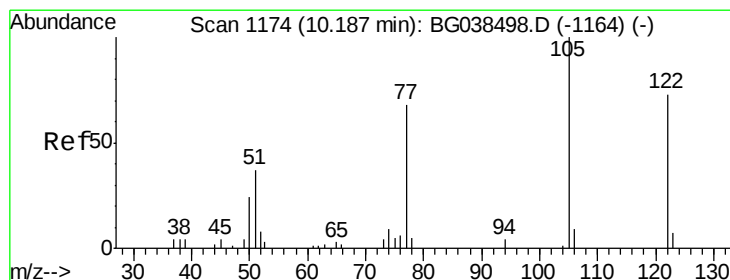
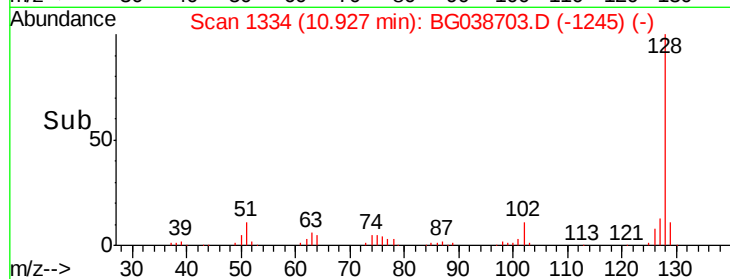
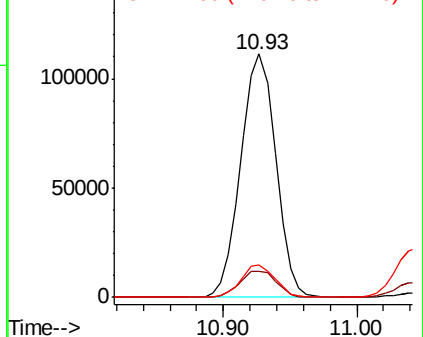
#31
Naphthalene
Concen: 44.739 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion:128 Resp: 202483
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.2 10.9 16.3

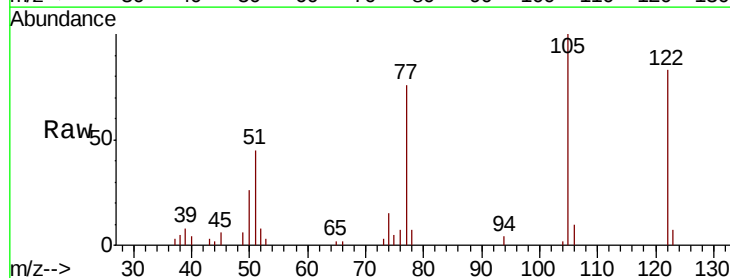


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

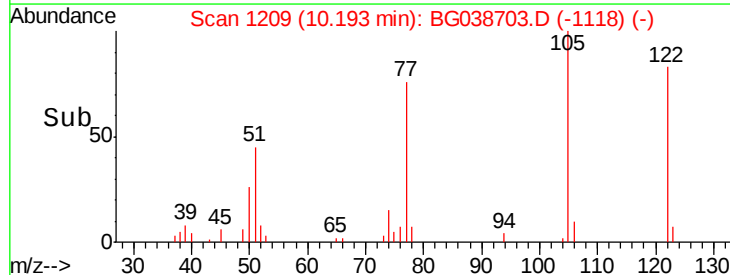
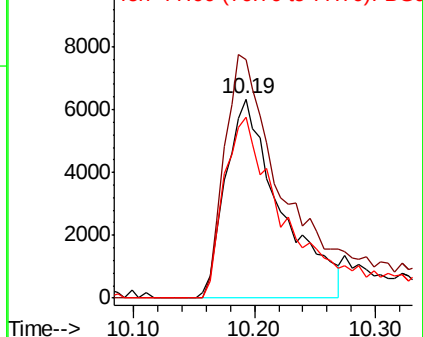


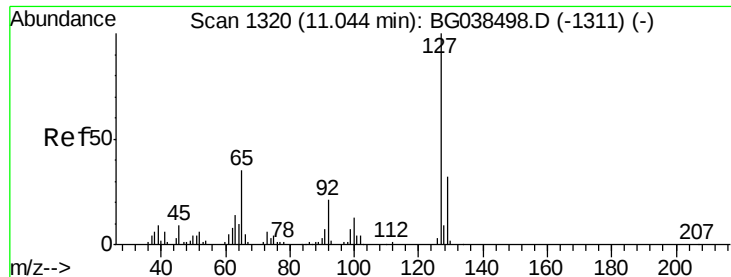
#32
Benzoic acid
Concen: 28.746 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:122 Resp: 19978
Ion Ratio Lower Upper
122 100
105 120.0 116.7 156.7
77 91.0 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
10000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

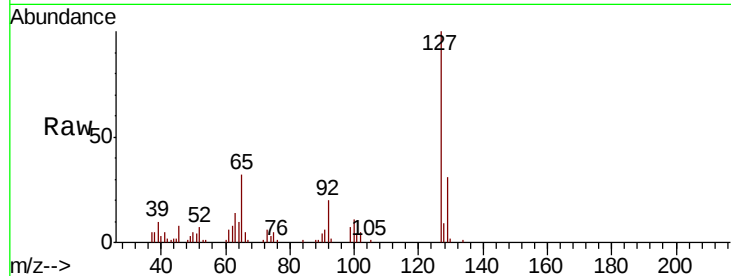




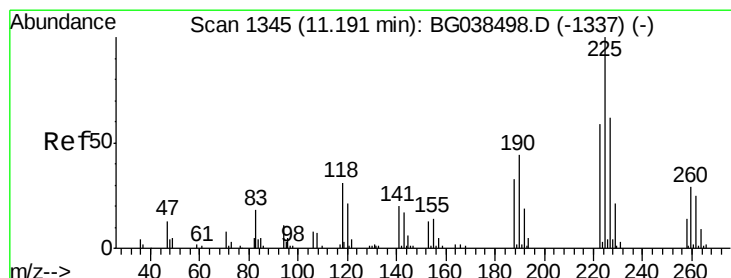
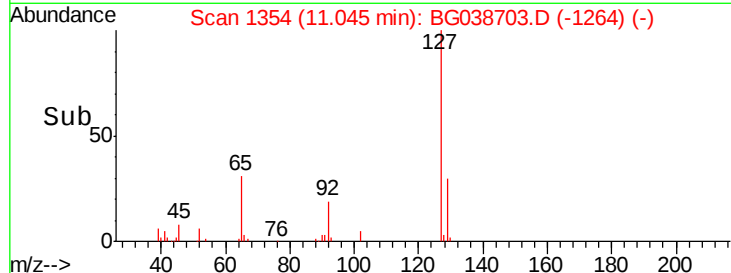
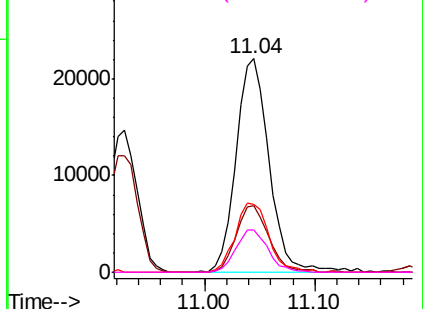
#33
4-Chloroaniline
Concen: 23.569 ng
RT: 11.04 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion:127 Resp: 46311
Ion Ratio Lower Upper
127 100
129 31.0 25.8 38.8
65 32.0 27.8 41.6
92 19.6 17.0 25.6

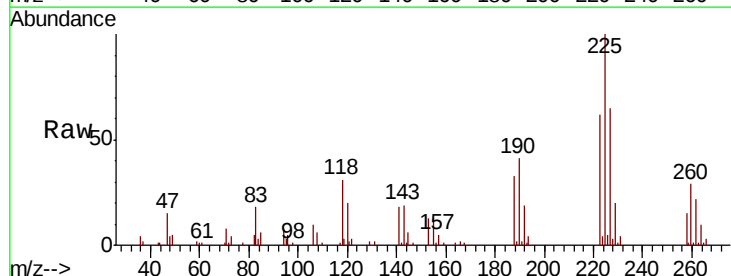


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

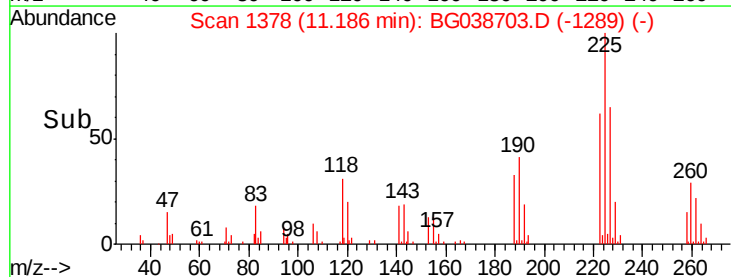
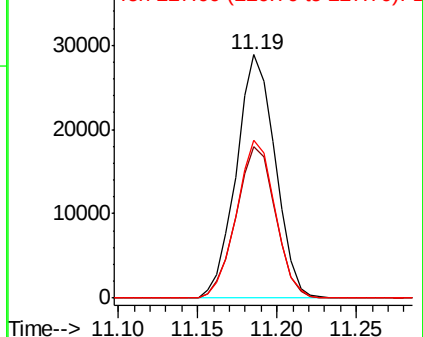


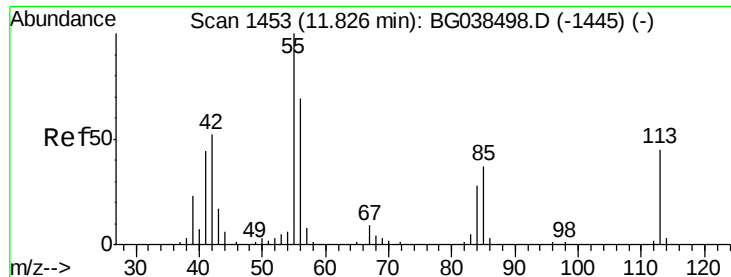
#34
Hexachlorobutadiene
Concen: 40.532 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:225 Resp: 49172
Ion Ratio Lower Upper
225 100
223 59.3 45.0 67.6
227 61.6 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

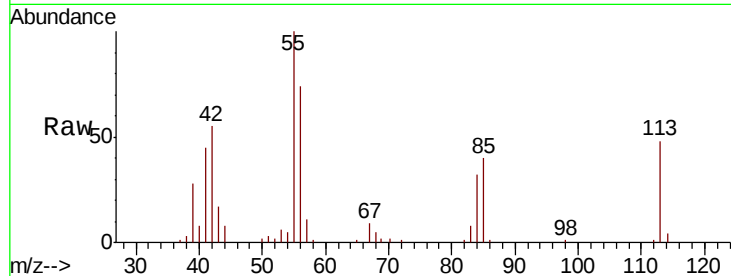




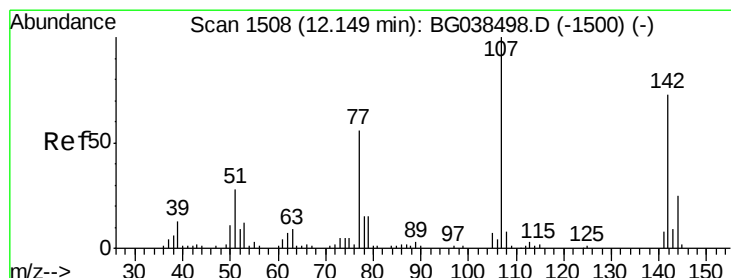
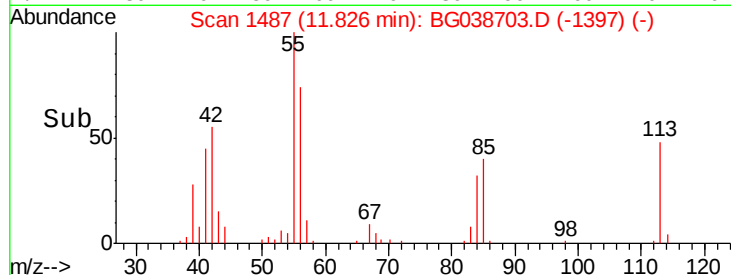
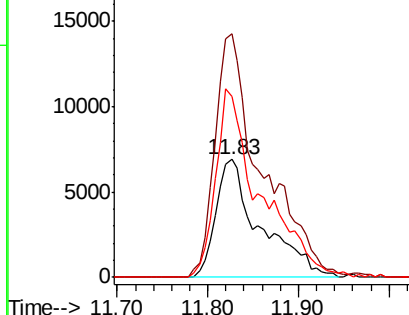
#35
 Caprolactam
 Concen: 38.030 ng
 RT: 11.83 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Tgt Ion: 113 Resp: 23361
 Ion Ratio Lower Upper
 113 100
 55 206.5 204.3 244.3
 56 153.6 135.0 175.0

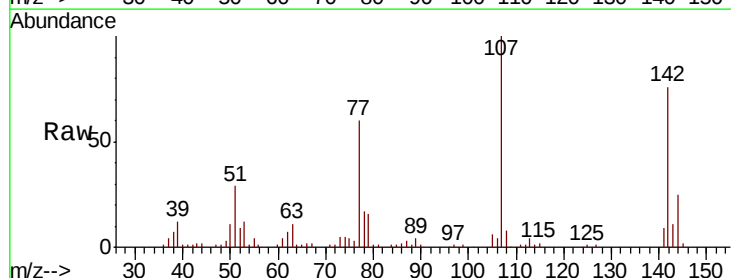


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

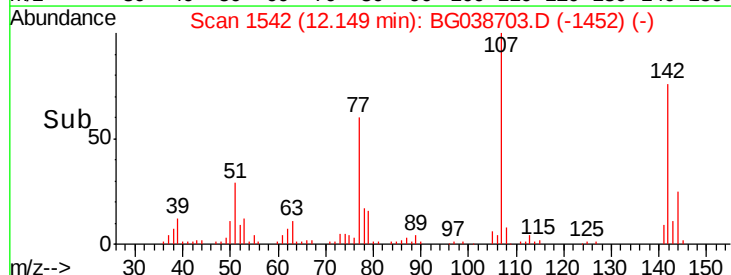
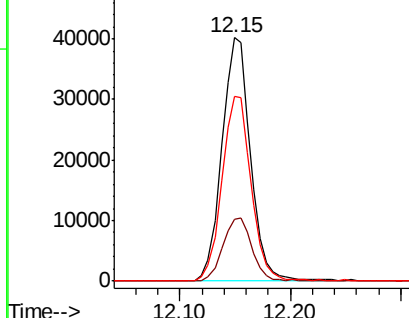


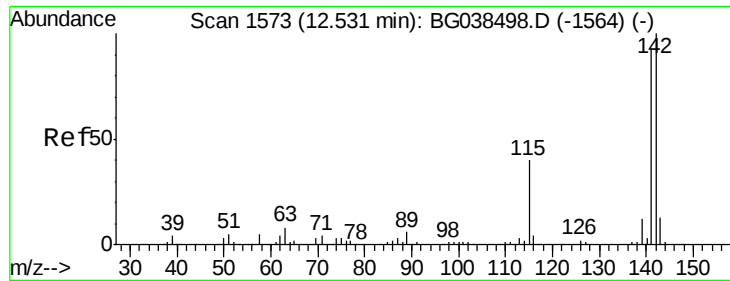
#36
 4-Chloro-3-methylphenol
 Concen: 42.896 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion: 107 Resp: 72659
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 75.8 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

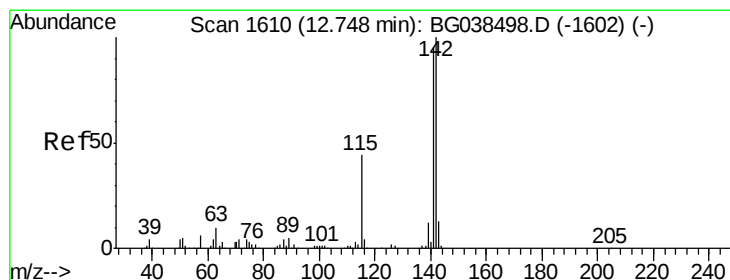
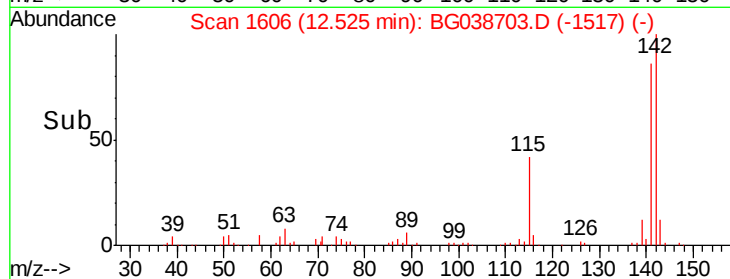
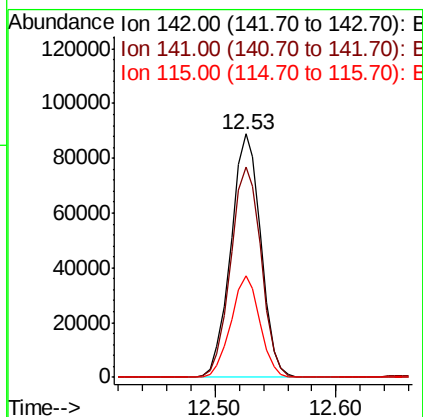
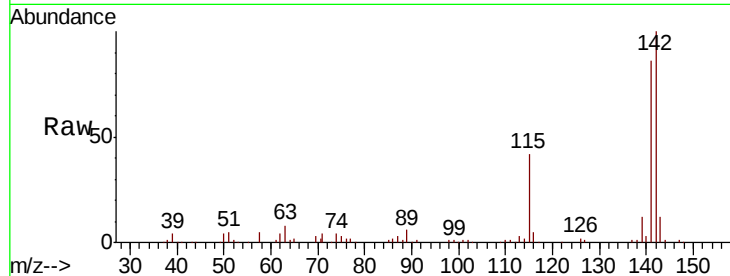




#37
 2-Methylnaphthalene
 Concen: 47.523 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

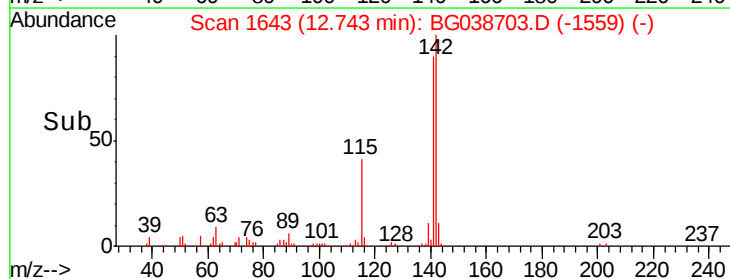
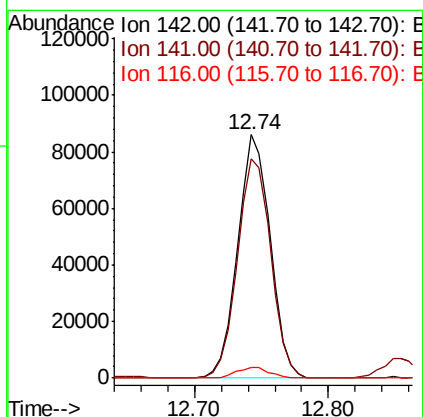
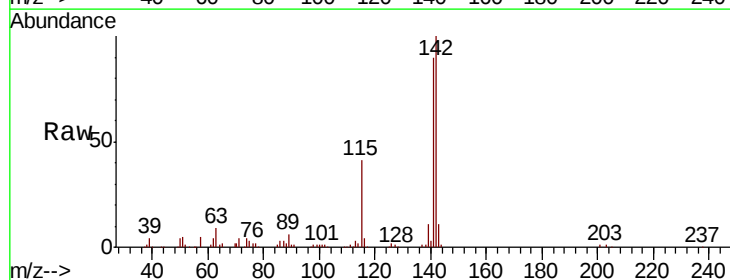
Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

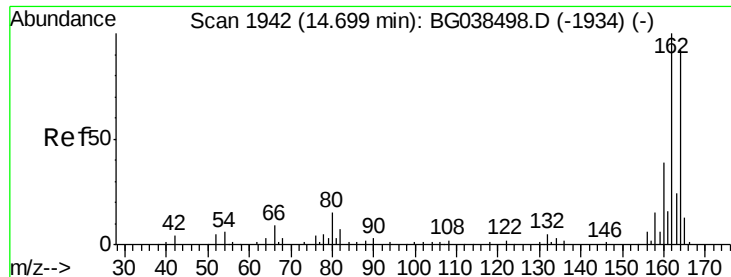
Tgt Ion:142 Resp: 153441
 Ion Ratio Lower Upper
 142 100
 141 86.3 73.5 110.3
 115 41.7 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 46.141 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion:142 Resp: 144566
 Ion Ratio Lower Upper
 142 100
 141 90.2 75.8 113.8
 116 4.3 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: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

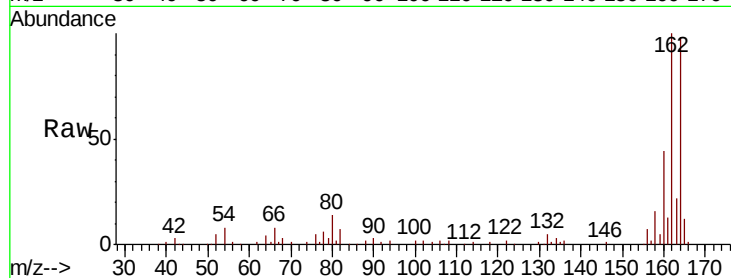
Tgt Ion:164 Resp: 61143

Ion Ratio Lower Upper

164 100

162 101.6 86.6 130.0

160 45.1 34.2 51.2

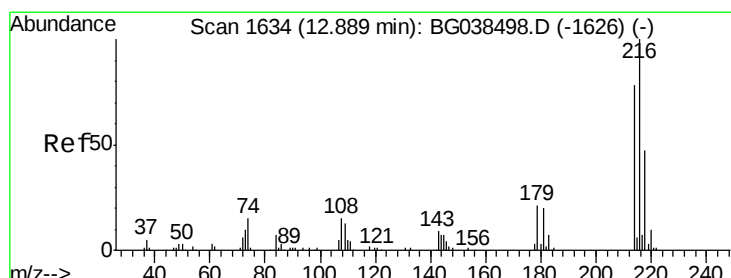
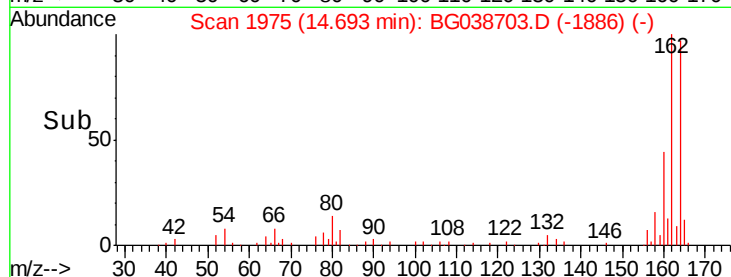
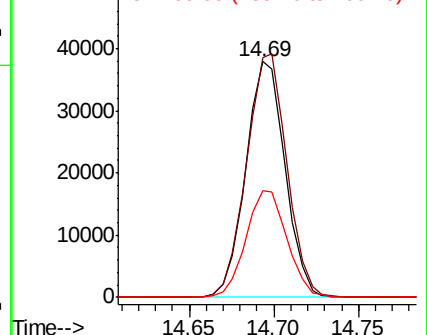


Abundance

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: 38.899 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Tgt Ion:216 Resp: 88904

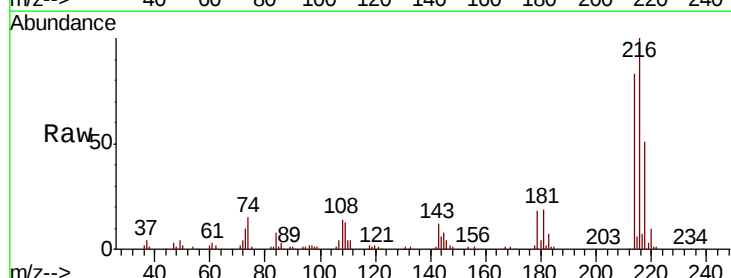
Ion Ratio Lower Upper

216 100

214 82.5 64.1 96.1

179 19.6 16.4 24.6

108 18.7 13.9 20.9



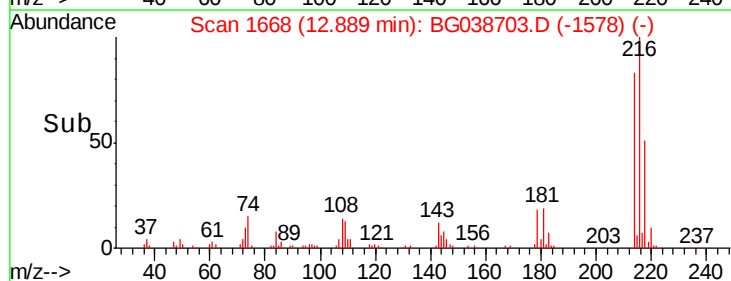
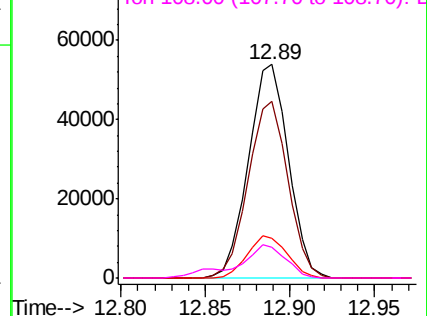
Abundance

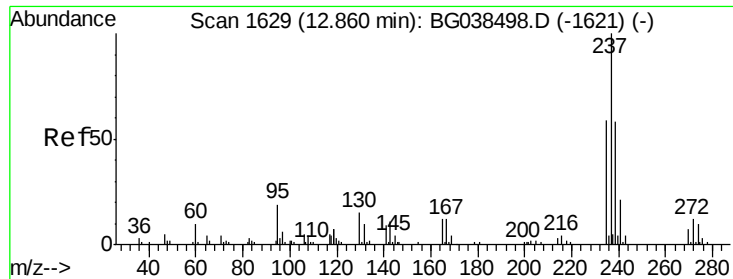
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.215 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

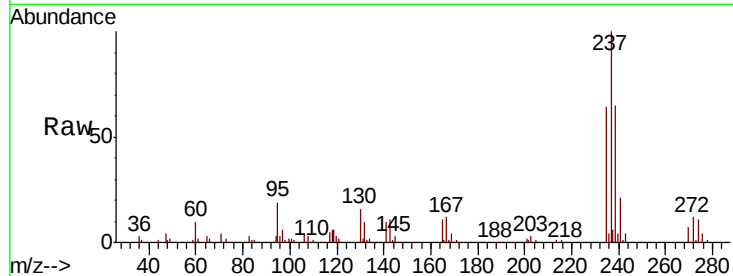
Tgt Ion: 237 Resp: 110767

Ion Ratio Lower Upper

237 100

235 63.6 38.8 78.8

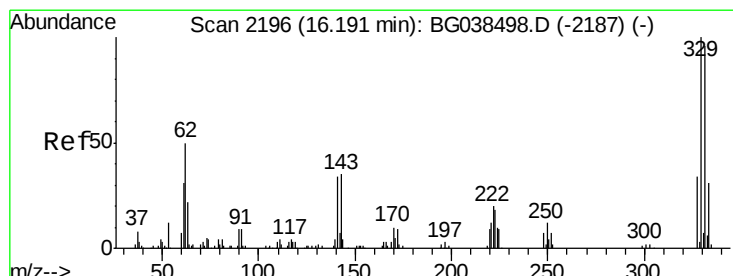
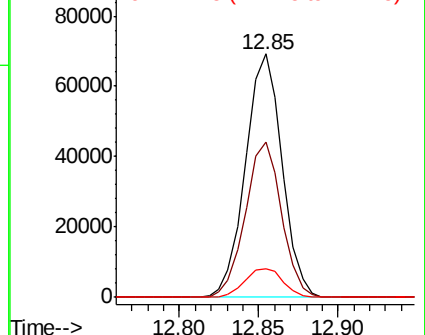
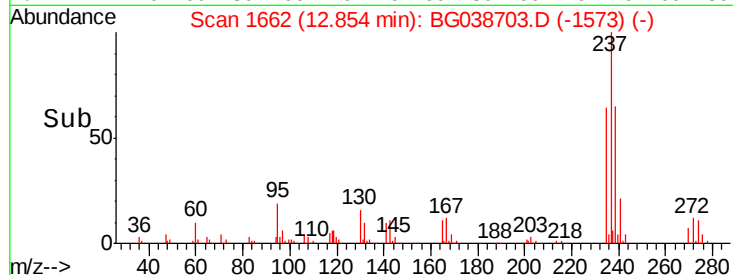
272 11.7 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 144.982 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

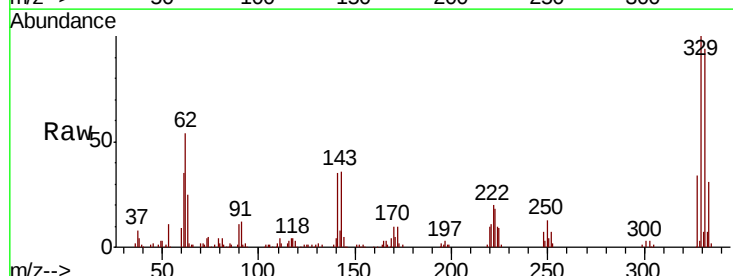
Tgt Ion: 330 Resp: 122171

Ion Ratio Lower Upper

330 100

332 94.5 76.9 115.3

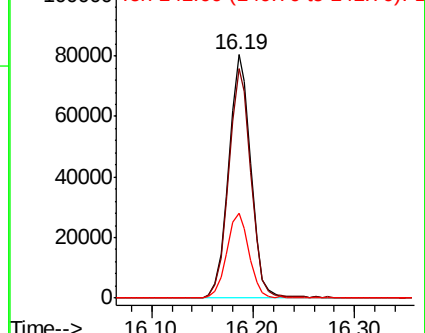
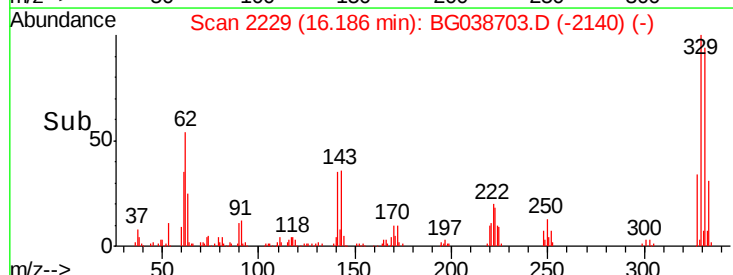
141 35.5 28.8 43.2

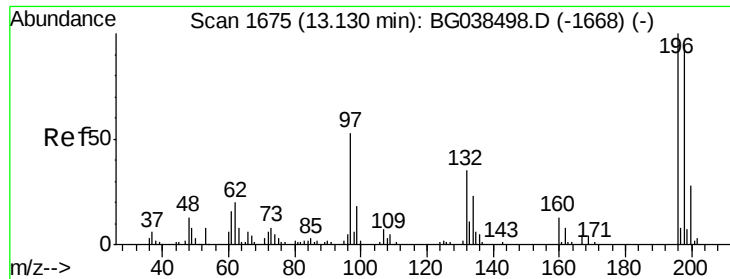


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

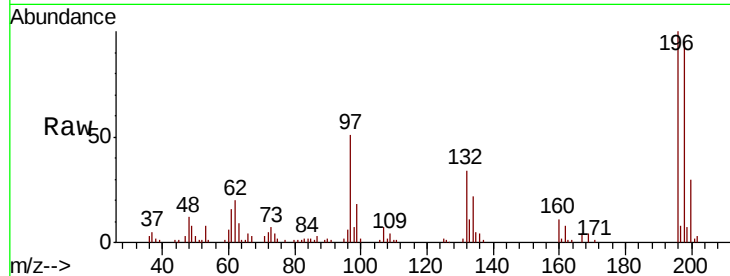




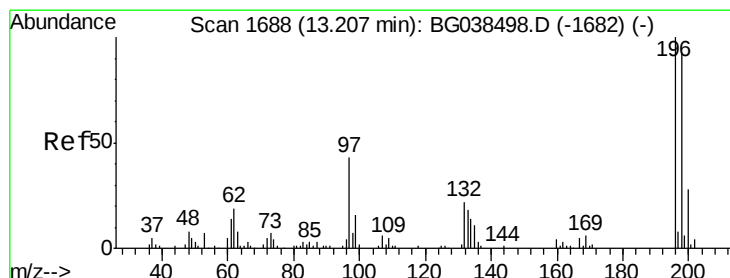
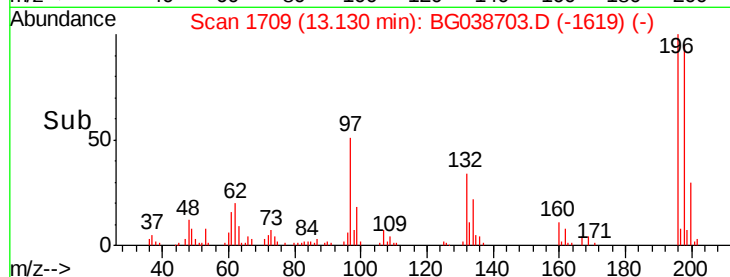
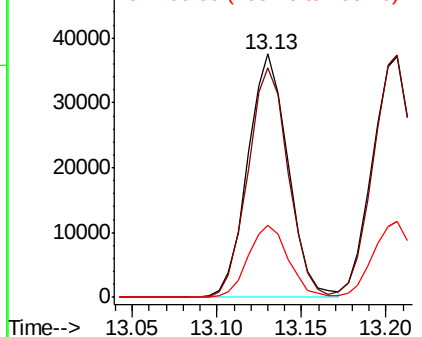
#43
 2,4,6-Trichlorophenol
 Concen: 44.382 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Tgt Ion:196 Resp: 62369
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.0 112.4
 200 29.6 22.4 33.6



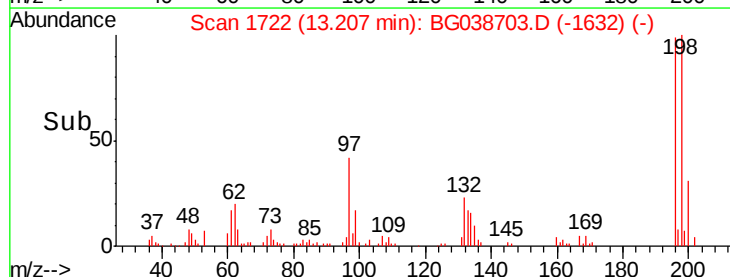
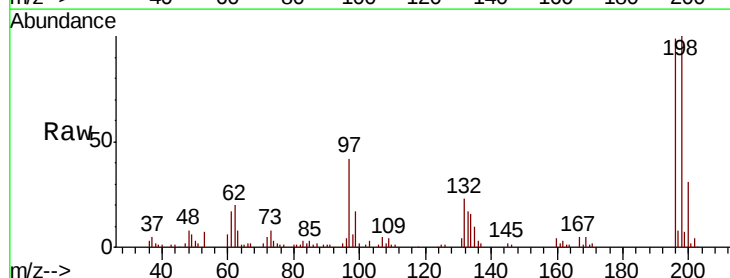
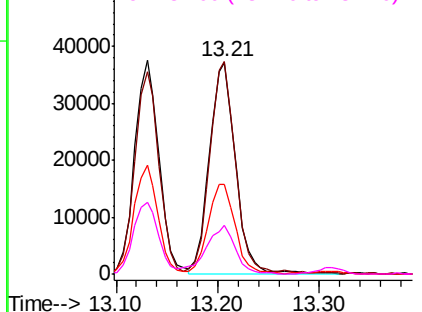
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

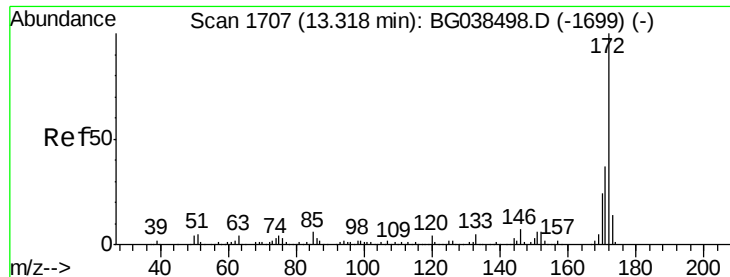


#44
 2,4,5-Trichlorophenol
 Concen: 44.958 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion:196 Resp: 66891
 Ion Ratio Lower Upper
 196 100
 198 100.8 74.0 111.0
 97 42.5 35.1 52.7
 132 22.8 18.0 27.0

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

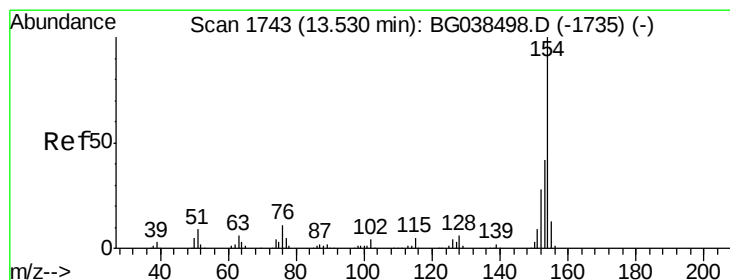
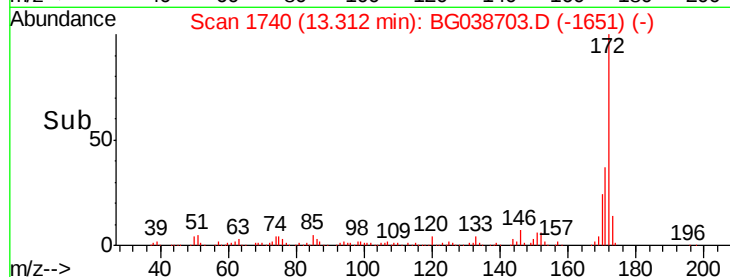
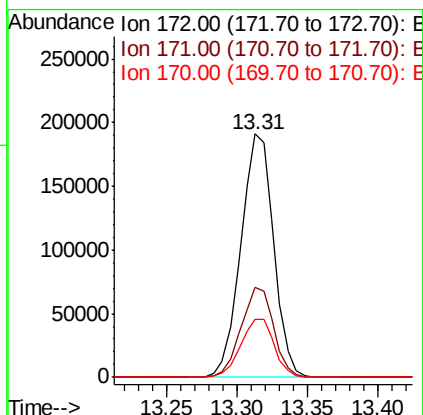
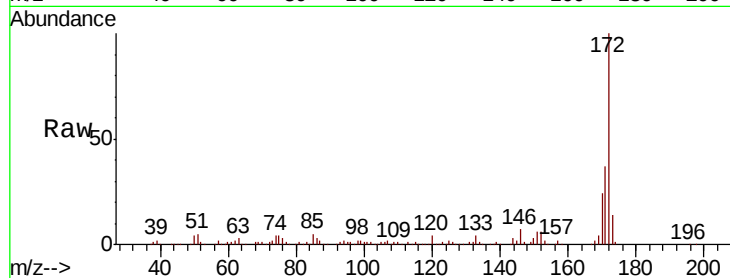




#45
2-Fluorobiphenyl
Concen: 69.568 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

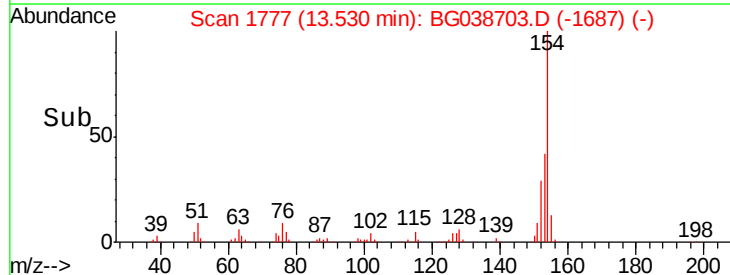
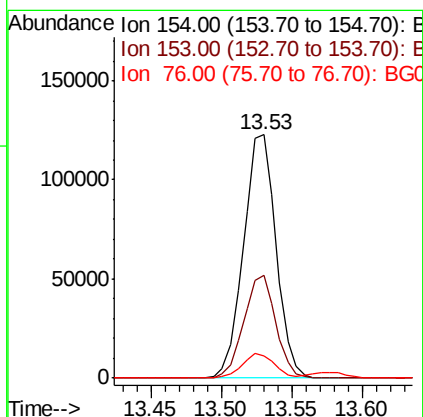
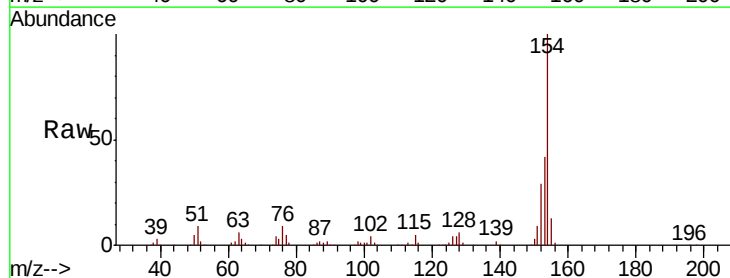
Instrument :
BNA_G
ClientSampleId :
PB115802BS

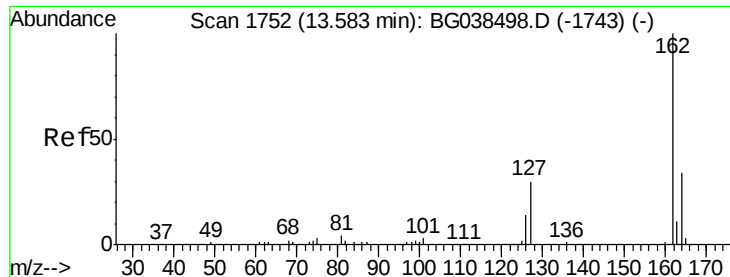
Tgt Ion:172 Resp: 310063
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 23.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 38.570 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:154 Resp: 197702
Ion Ratio Lower Upper
154 100
153 42.4 22.1 62.1
76 9.3 0.0 31.2

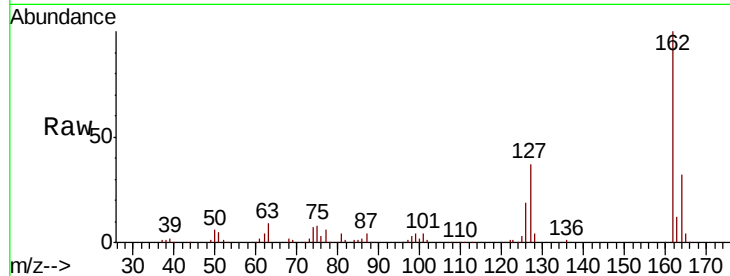




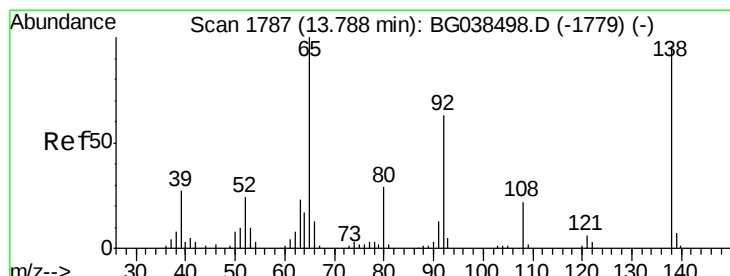
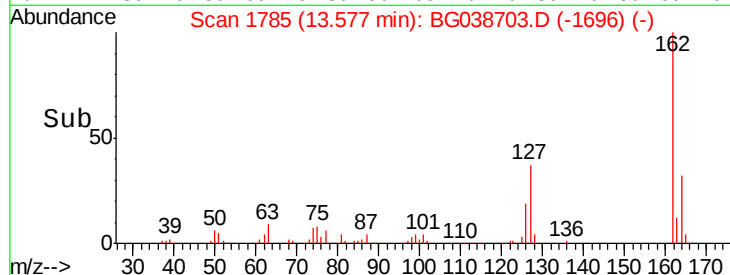
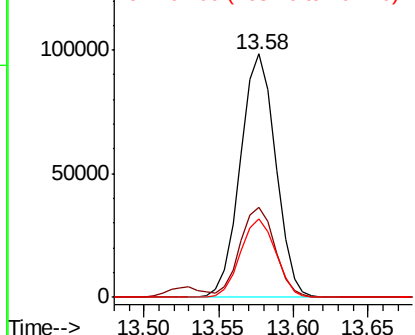
#47
 2-Chloronaphthalene
 Concen: 40.841 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Tgt Ion: 162 Resp: 161703
 Ion Ratio Lower Upper
 162 100
 127 36.9 27.8 41.8
 164 32.1 26.9 40.3

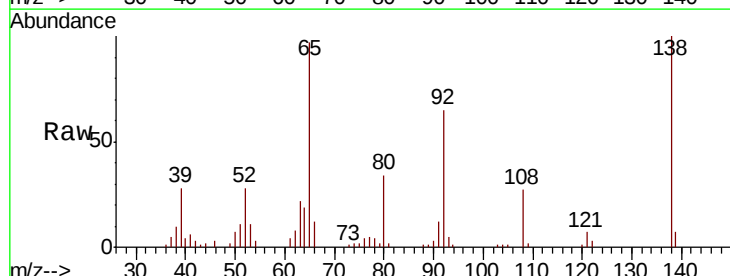


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

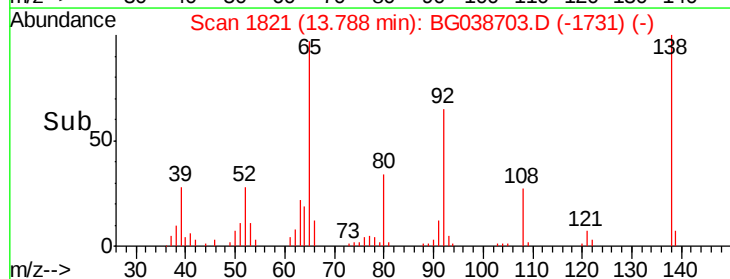
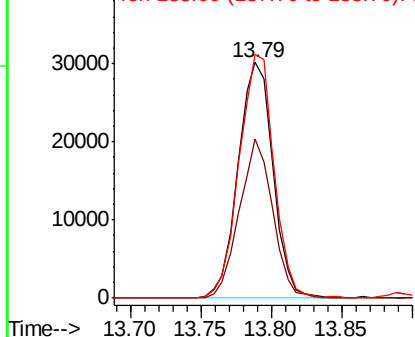


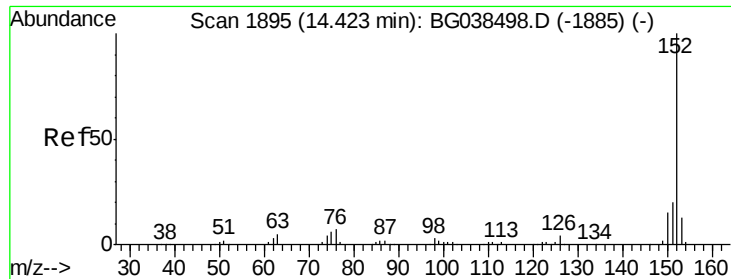
#48
 2-Nitroaniline
 Concen: 41.310 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion: 65 Resp: 52099
 Ion Ratio Lower Upper
 65 100
 92 67.3 50.0 75.0
 138 103.3 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: 44.545 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

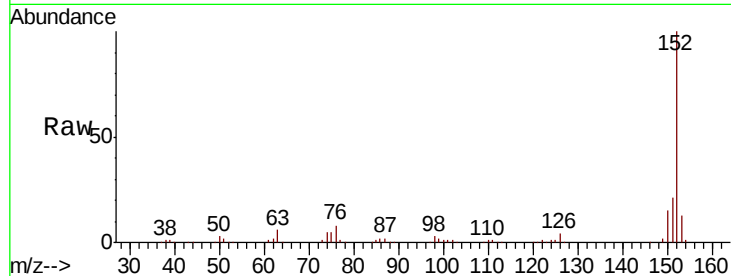
Tgt Ion:152 Resp: 263666

Ion Ratio Lower Upper

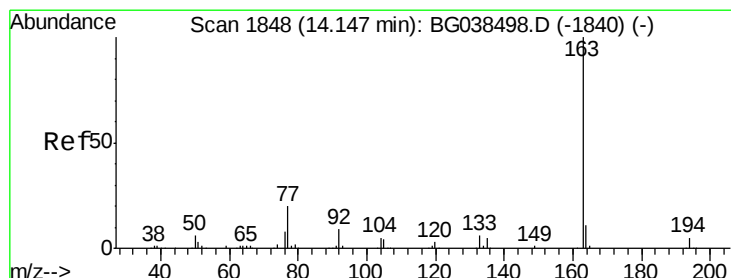
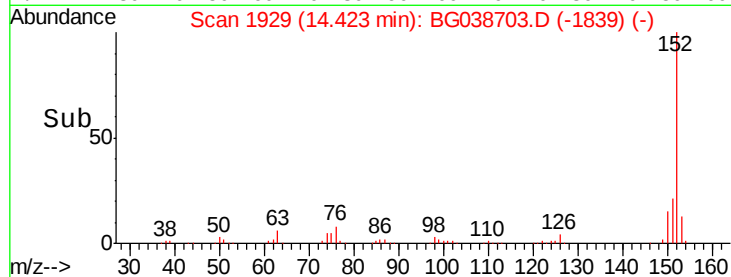
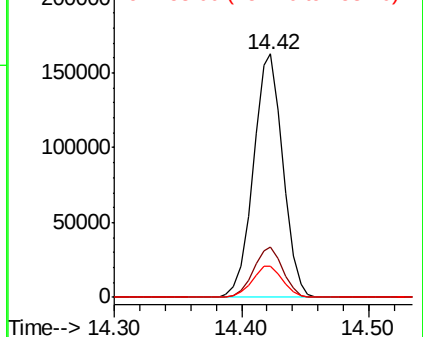
152 100

151 20.6 16.4 24.6

153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.099 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

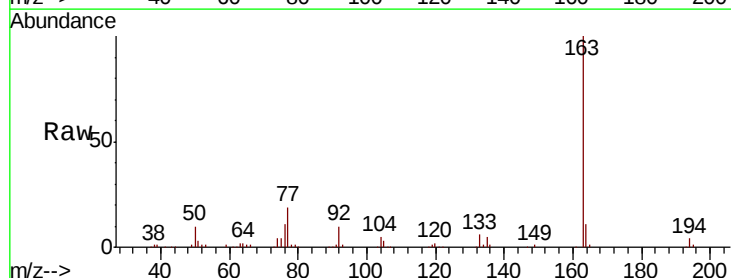
Tgt Ion:163 Resp: 205214

Ion Ratio Lower Upper

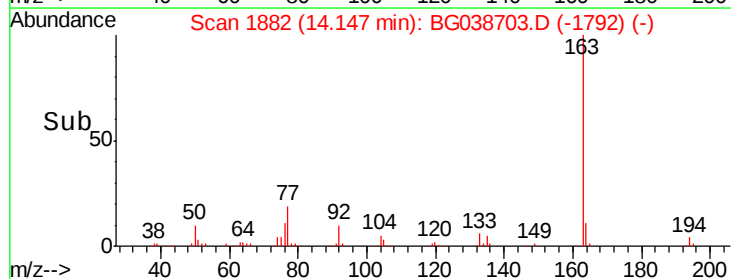
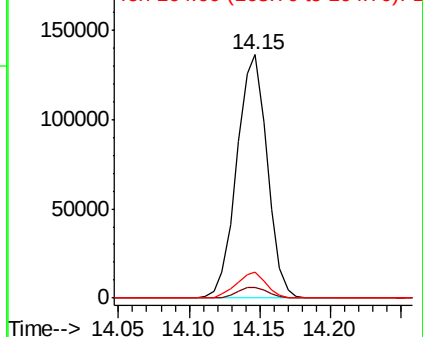
163 100

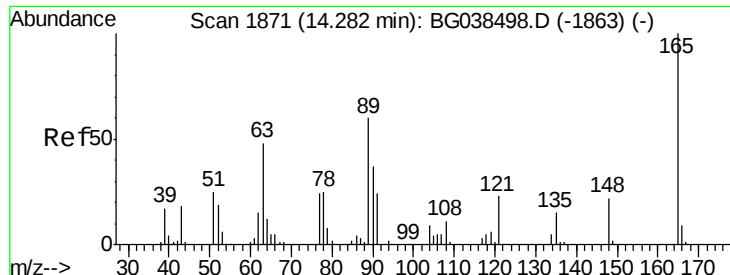
194 4.4 3.7 5.5

164 10.7 8.6 12.8



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

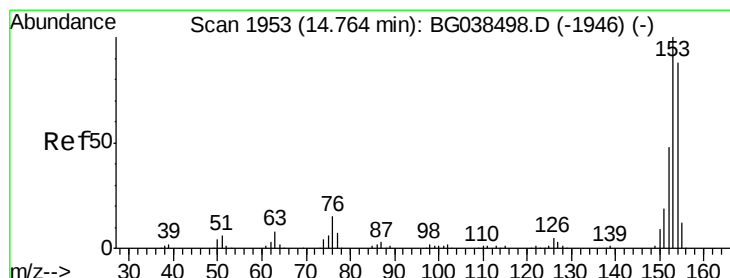
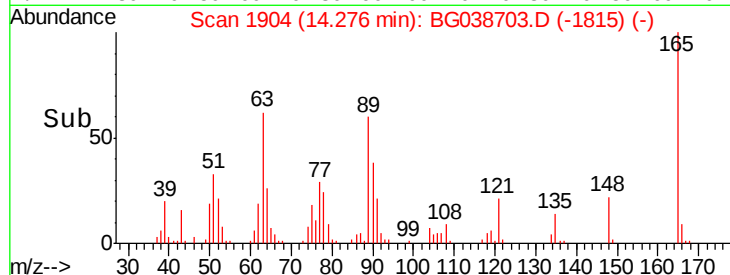
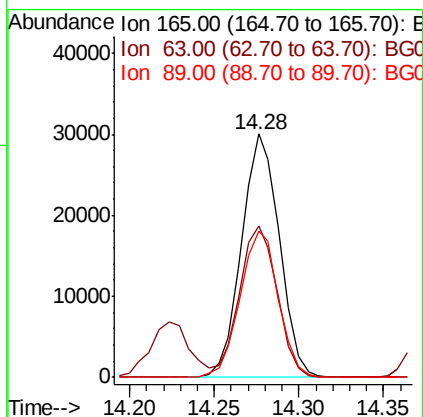
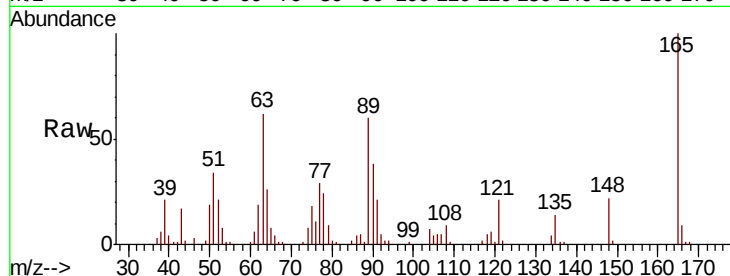




#51
 2,6-Dinitrotoluene
 Concen: 41.165 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

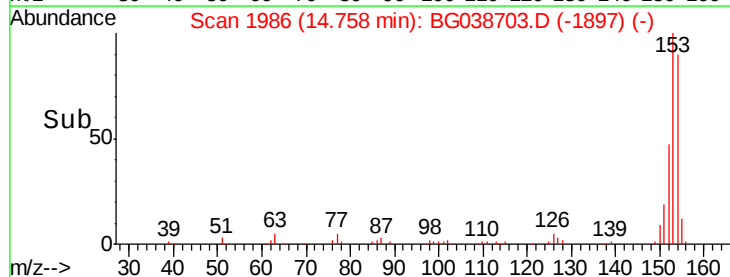
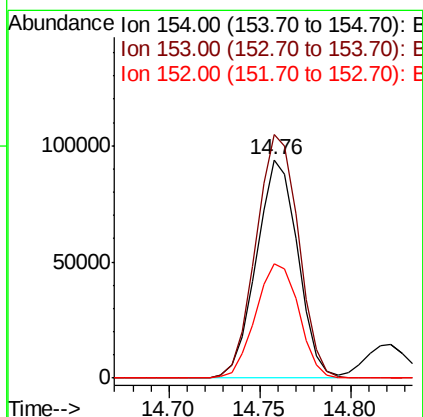
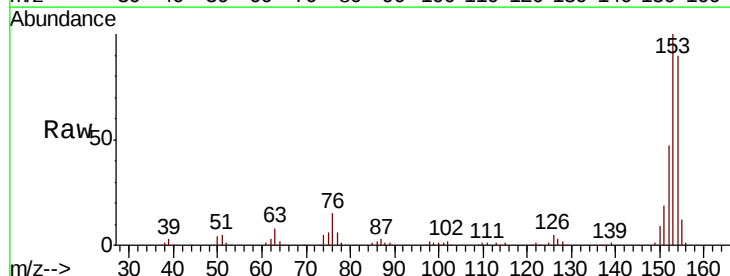
Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

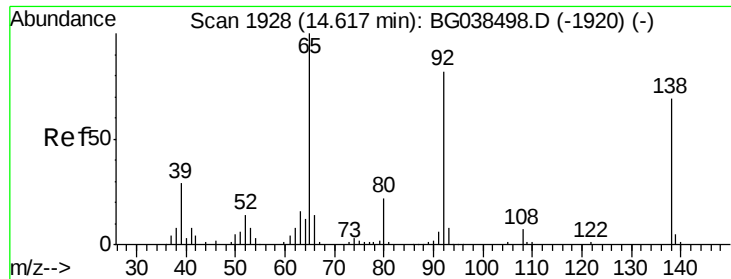
Tgt Ion:165 Resp: 46580
 Ion Ratio Lower Upper
 165 100
 63 62.3 51.8 77.6
 89 60.1 47.9 71.9



#52
 Acenaphthene
 Concen: 42.142 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion:154 Resp: 149159
 Ion Ratio Lower Upper
 154 100
 153 111.6 90.6 136.0
 152 52.5 43.5 65.3

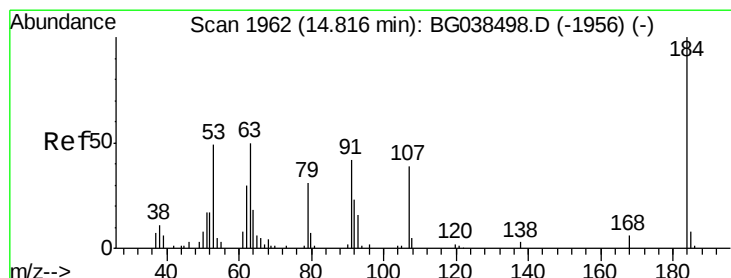
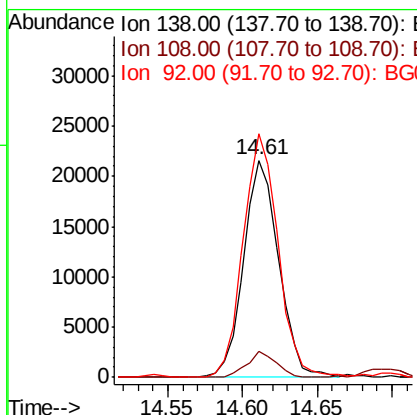
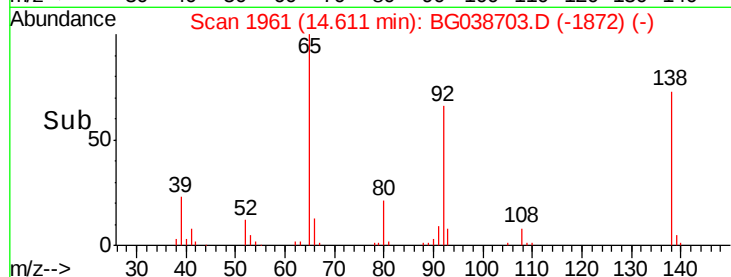
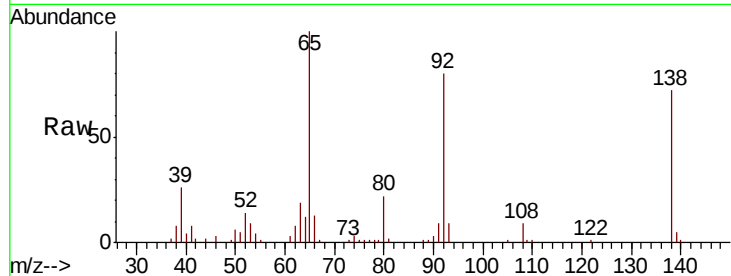




#53
3-Nitroaniline
Concen: 30.415 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

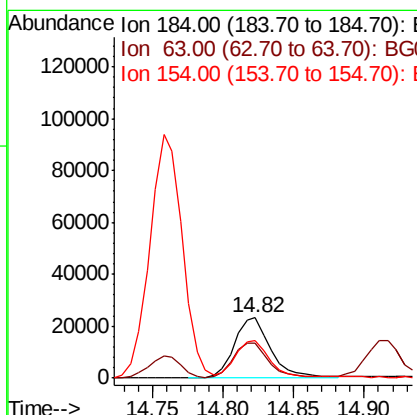
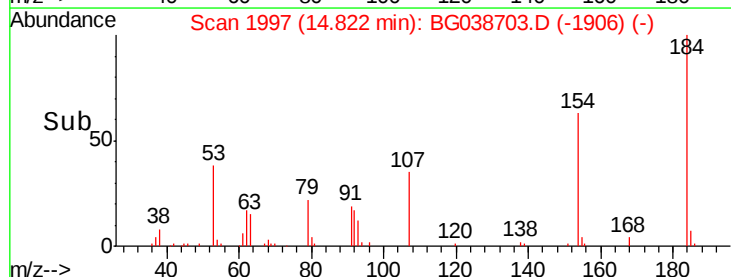
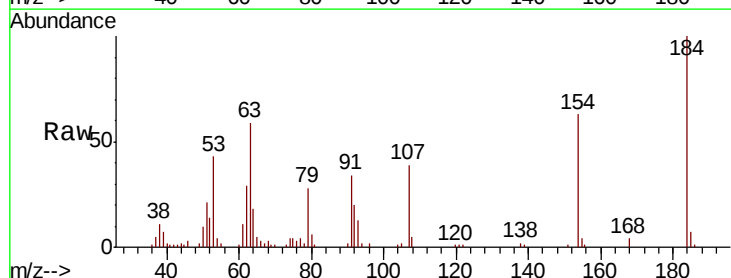
Instrument :
BNA_G
ClientSampleId :
PB115802BS

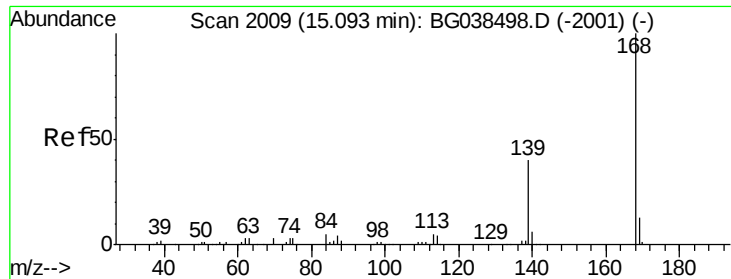
Tgt Ion:138 Resp: 35083
Ion Ratio Lower Upper
138 100
108 11.9 7.9 11.9#
92 112.1 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 63.376 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:184 Resp: 41894
Ion Ratio Lower Upper
184 100
63 58.9 47.0 70.6
154 63.1 50.3 75.5

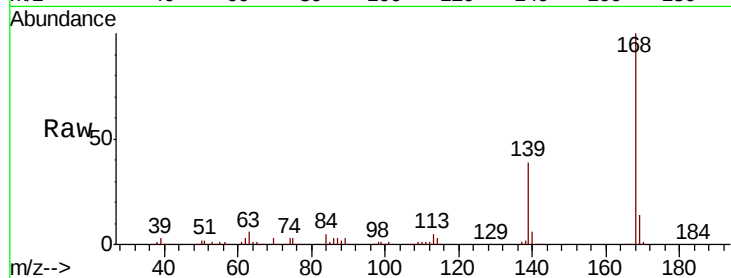




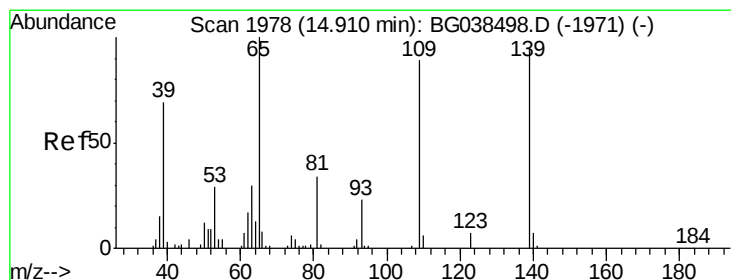
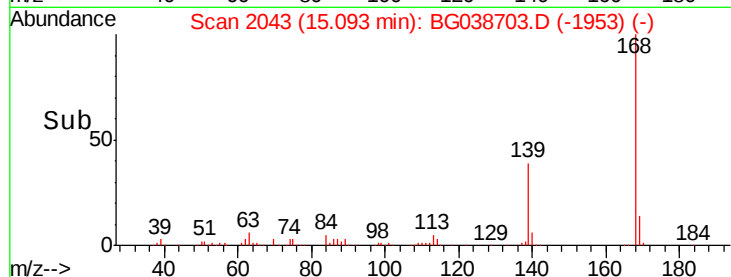
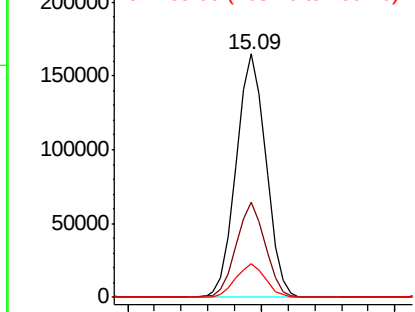
#55
Dibenzenofuran
Concen: 42.021 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion:168 Resp: 254946
Ion Ratio Lower Upper
168 100
139 38.9 32.2 48.2
169 13.6 10.6 16.0

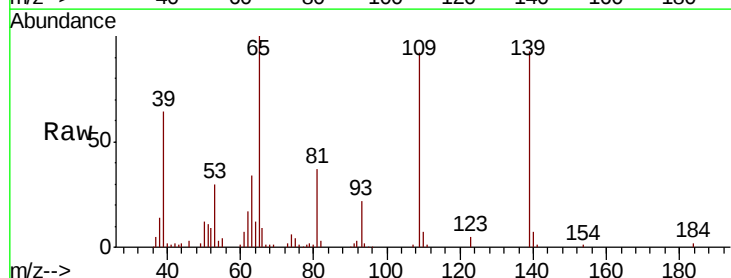


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

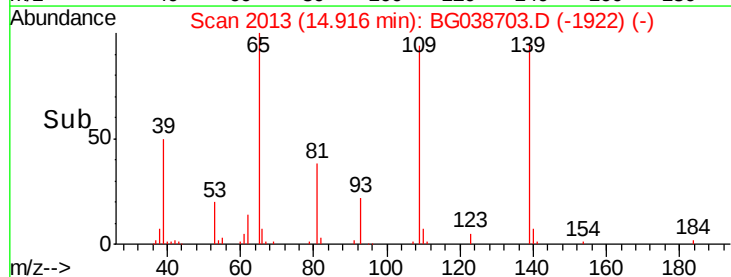
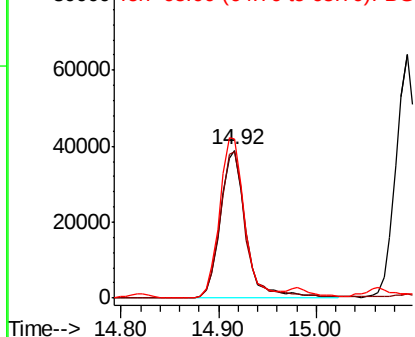


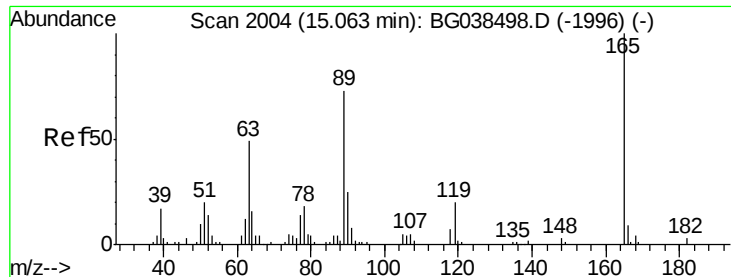
#56
4-Nitrophenol
Concen: 81.315 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:139 Resp: 71154
Ion Ratio Lower Upper
139 100
109 98.6 73.6 113.6
65 107.5 84.8 124.8



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

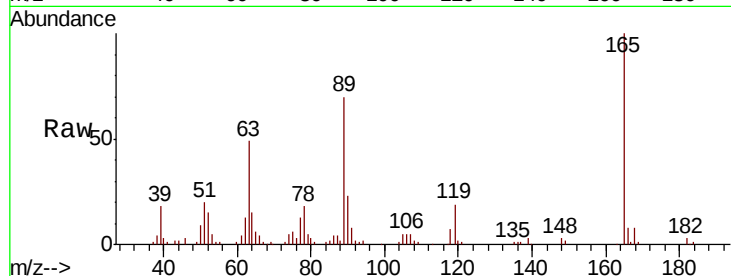




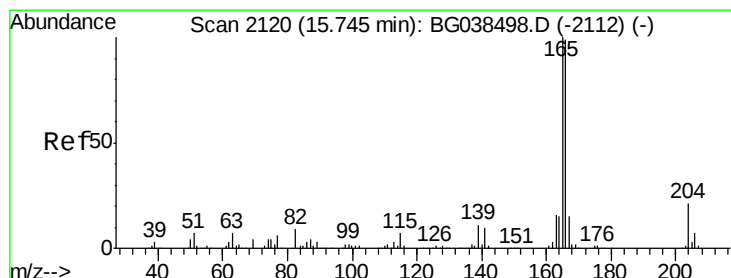
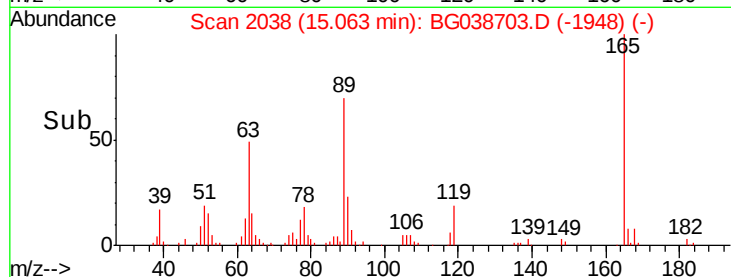
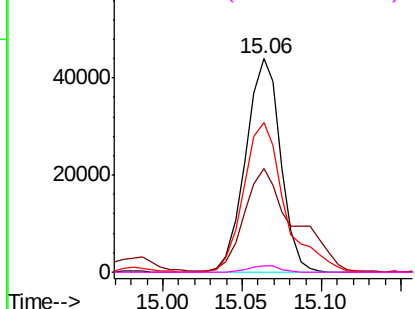
#57
2,4-Dinitrotoluene
Concen: 42.275 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion:165 Resp: 67375
Ion Ratio Lower Upper
165 100
63 48.8 39.0 58.4
89 69.9 58.0 87.0
182 2.8 2.3 3.5

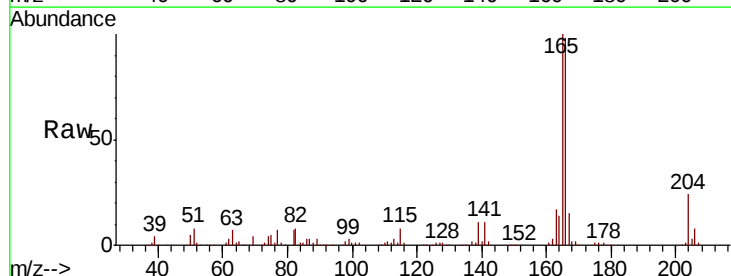


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

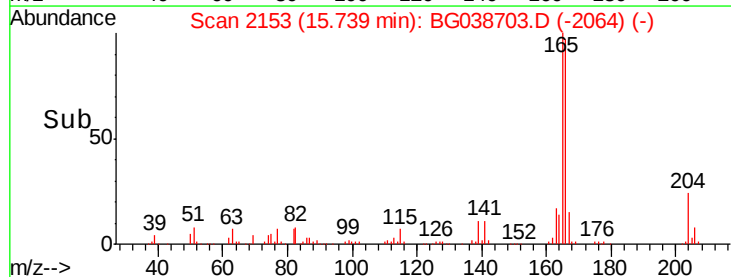
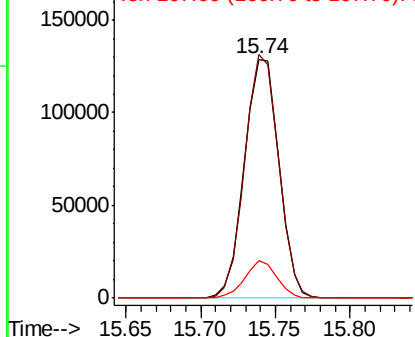


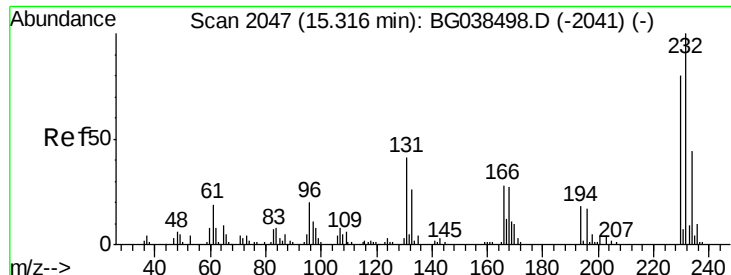
#58
Fluorene
Concen: 45.835 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:166 Resp: 206028
Ion Ratio Lower Upper
166 100
165 102.0 80.6 120.8
167 15.5 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

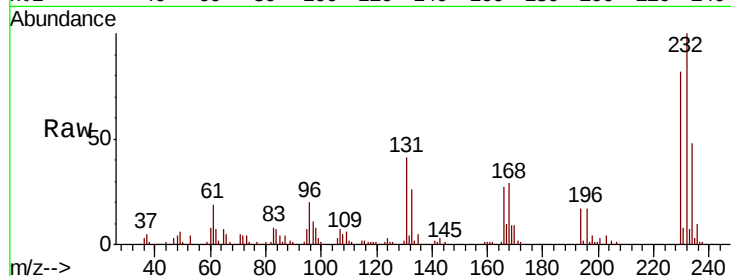




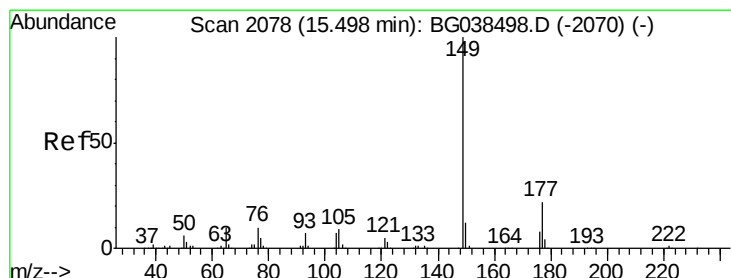
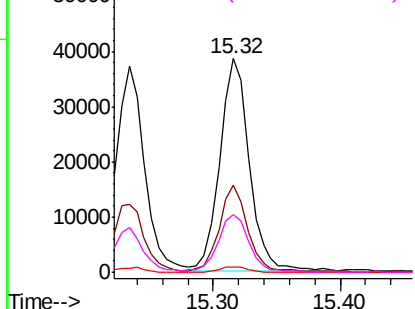
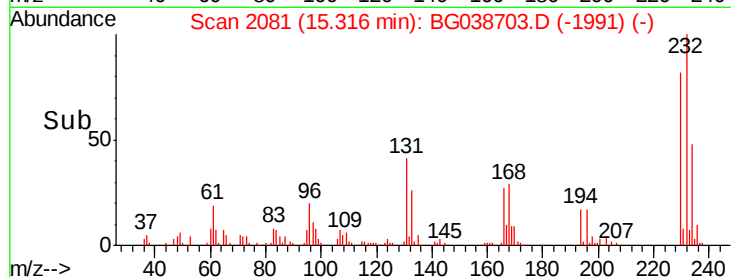
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.432 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Tgt Ion:232 Resp: 62155
 Ion Ratio Lower Upper
 232 100
 131 40.7 33.0 49.4
 130 2.4 2.0 3.0
 166 28.4 23.1 34.7

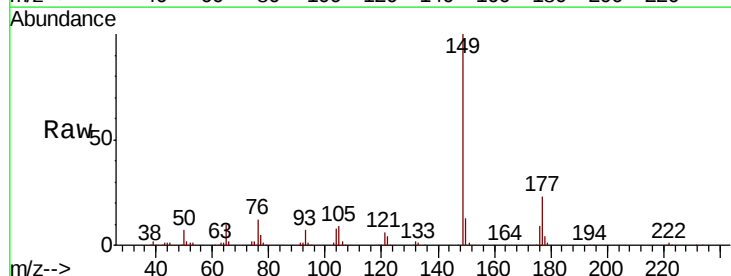


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

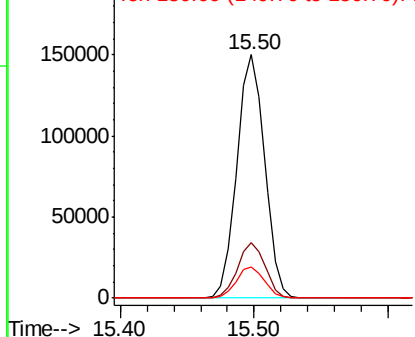
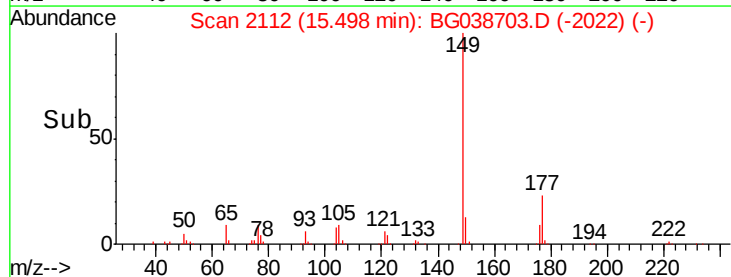


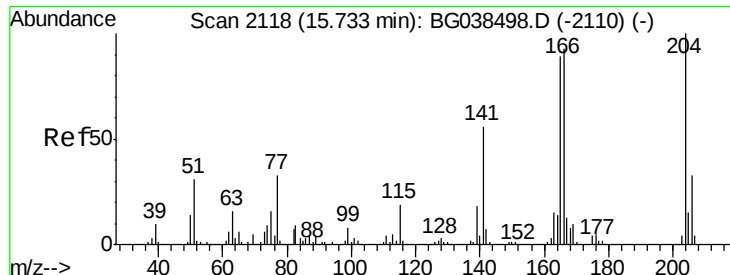
#60
 Diethylphthalate
 Concen: 39.514 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion:149 Resp: 216592
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.7 26.5
 150 12.9 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

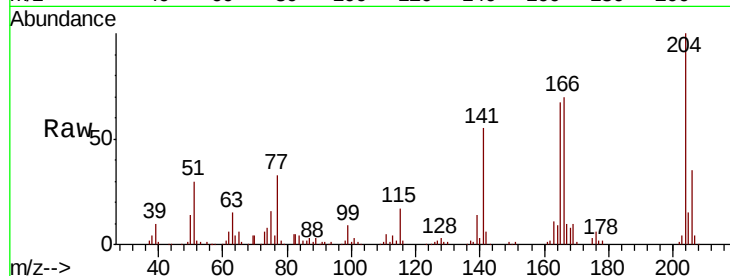




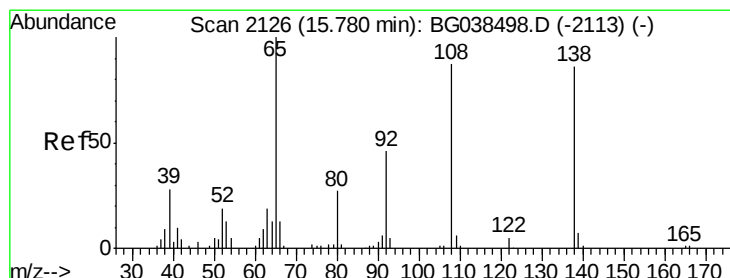
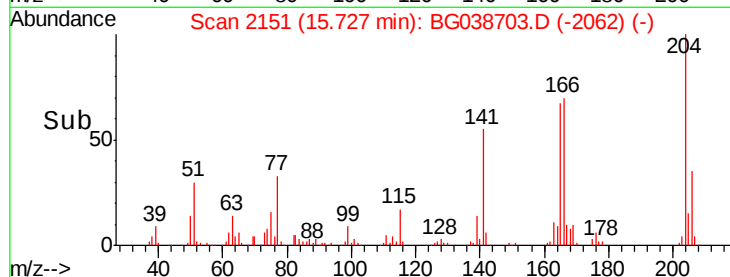
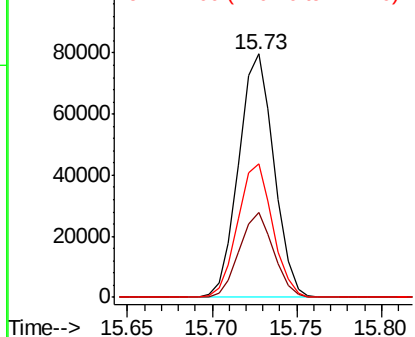
#61
4-Chlorophenyl-phenylether
Concen: 41.256 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion:204 Resp: 115705
Ion Ratio Lower Upper
204 100
206 35.0 26.0 39.0
141 54.7 44.4 66.6

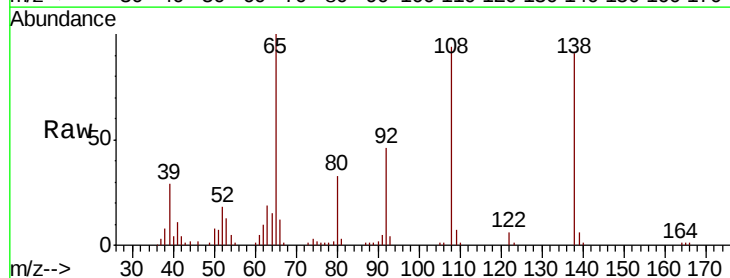


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

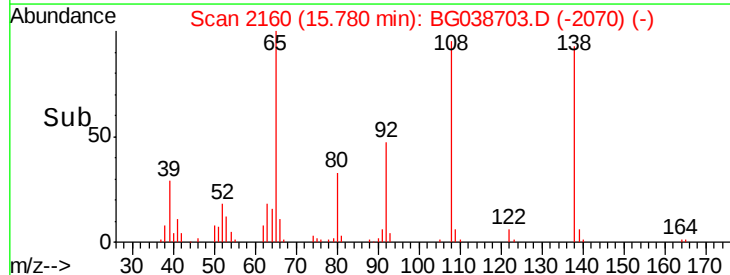
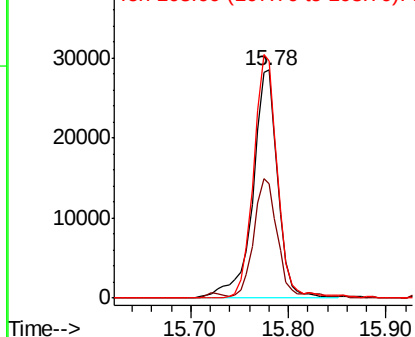


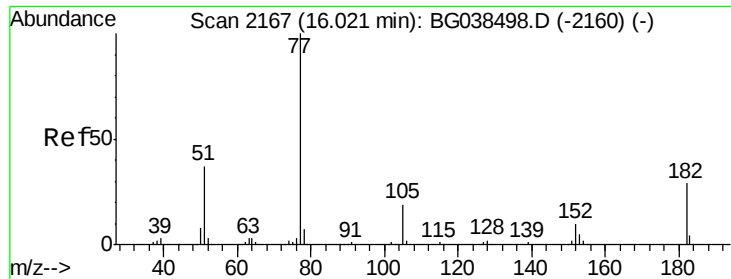
#62
4-Nitroaniline
Concen: 43.256 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion:138 Resp: 51367
Ion Ratio Lower Upper
138 100
92 50.3 33.3 73.3
108 104.2 81.4 121.4



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

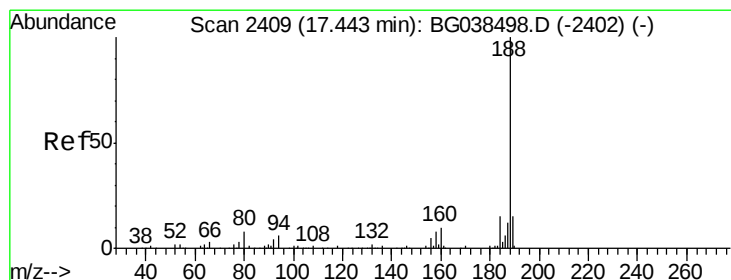
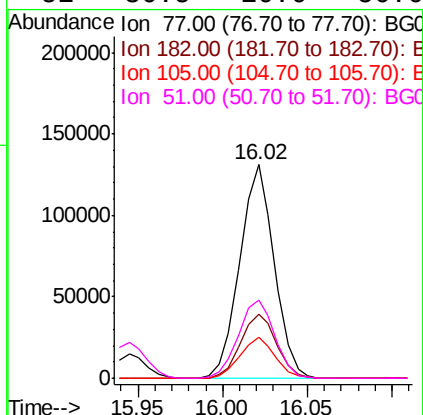
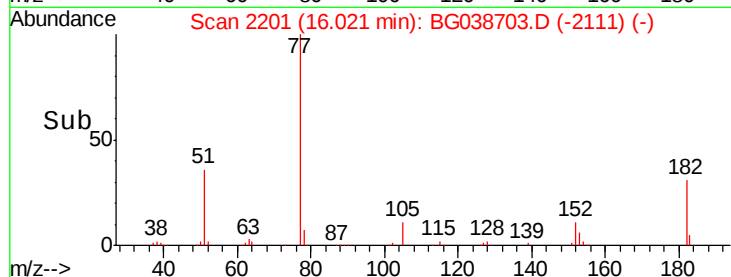
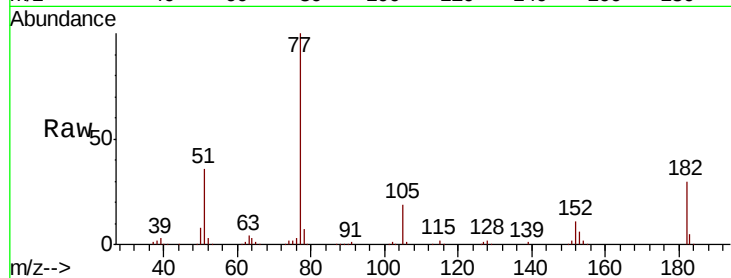




#63
Azobenzene
Concen: 40.571 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

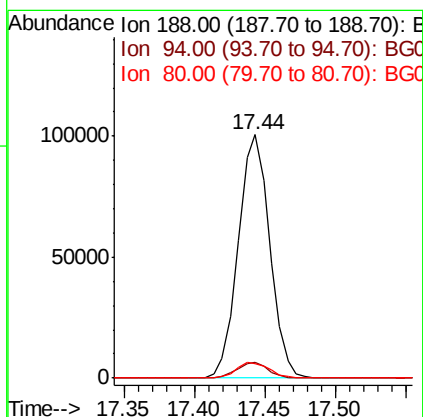
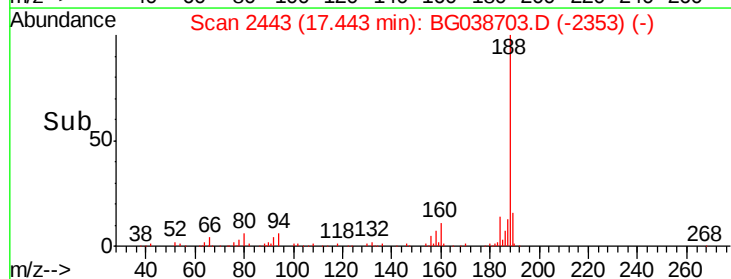
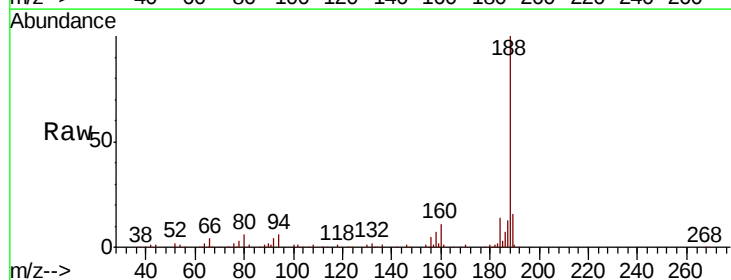
Instrument :
BNA_G
ClientSampleId :
PB115802BS

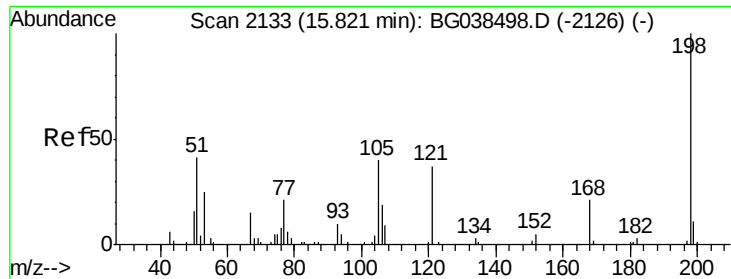
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	8.7	48.7
105	19.3	0.0	38.7
51	36.5	16.6	56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.2	6.1	9.1

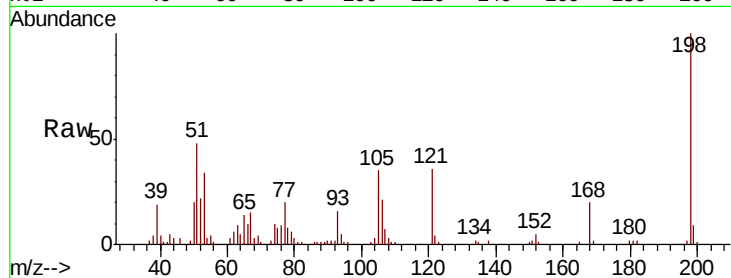




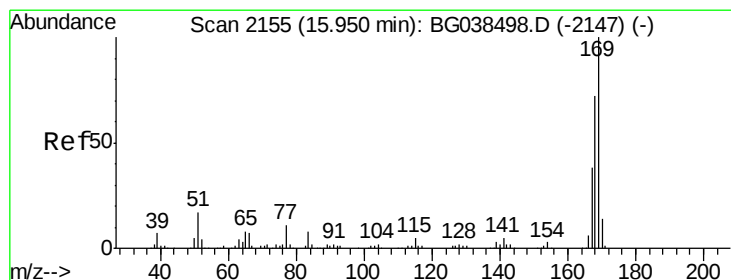
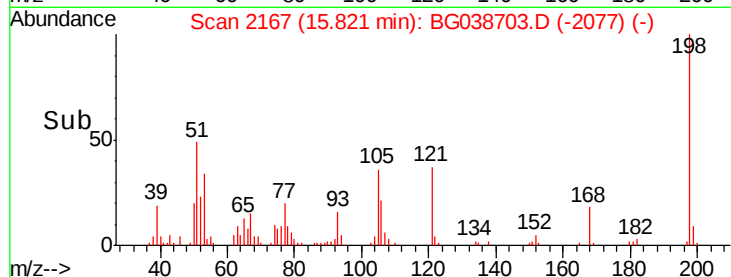
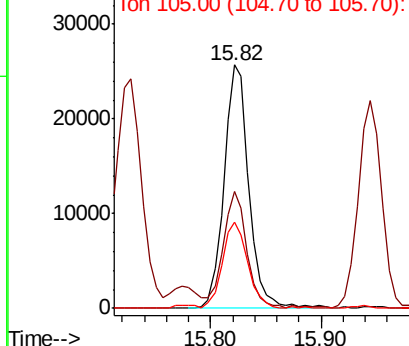
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.035 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Tgt Ion:198 Resp: 40274
 Ion Ratio Lower Upper
 198 100
 51 48.1 28.6 68.6
 105 35.5 20.4 60.4

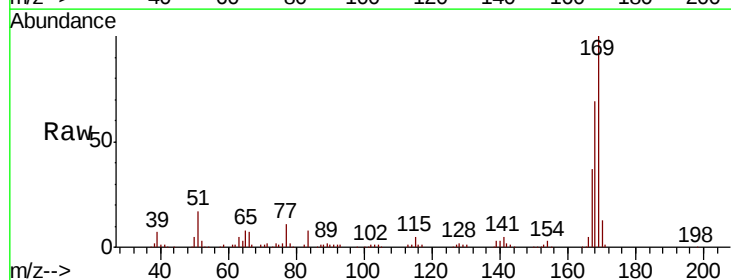


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

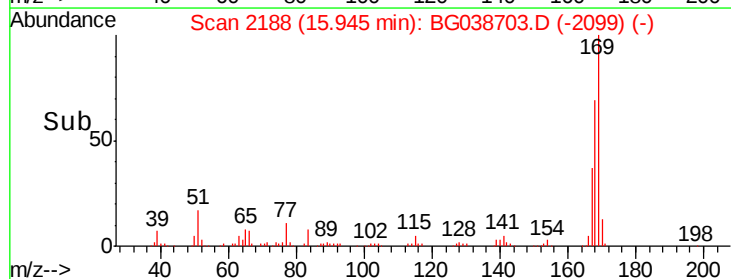
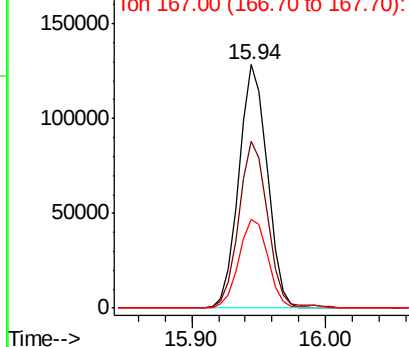


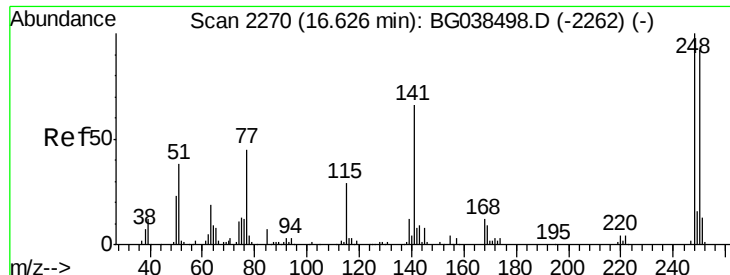
#66
 n-Nitrosodiphenylamine
 Concen: 40.994 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion:169 Resp: 188711
 Ion Ratio Lower Upper
 169 100
 168 68.7 57.5 86.3
 167 36.6 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

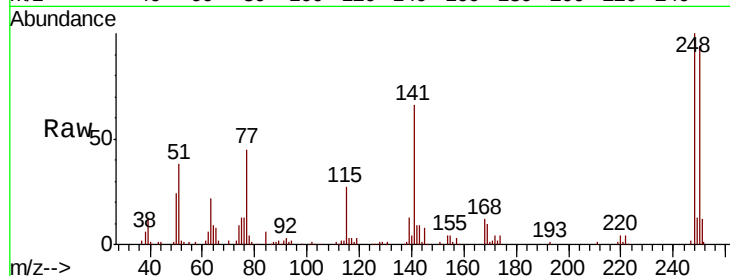




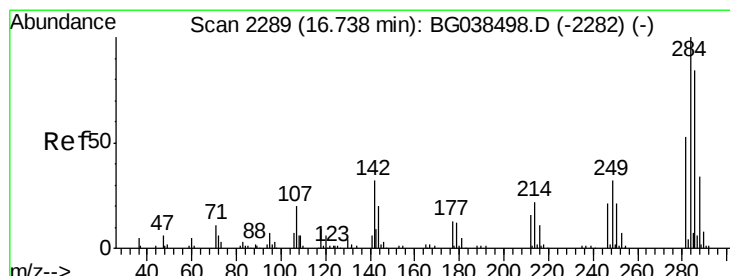
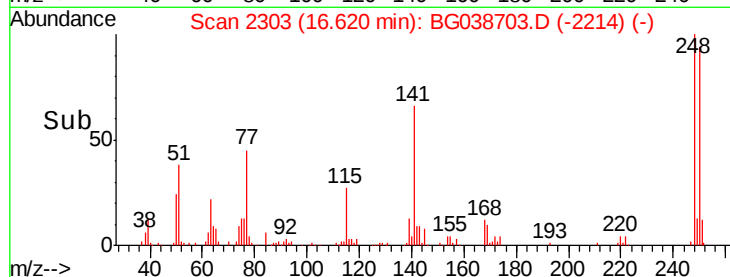
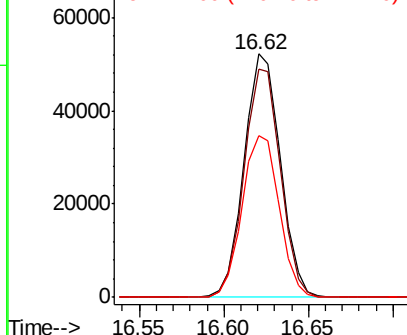
#67
 4-Bromophenyl-phenylether
 Concen: 40.819 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

Tgt Ion:248 Resp: 78104
 Ion Ratio Lower Upper
 248 100
 250 93.9 73.4 110.2
 141 66.3 52.9 79.3

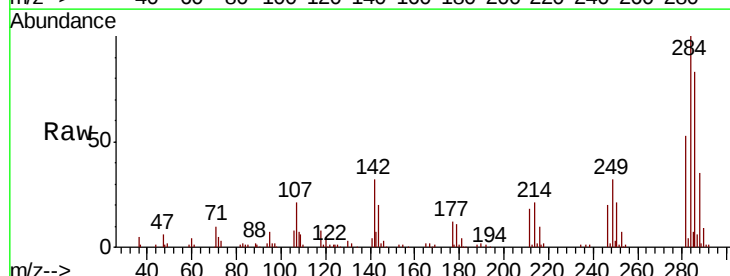


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

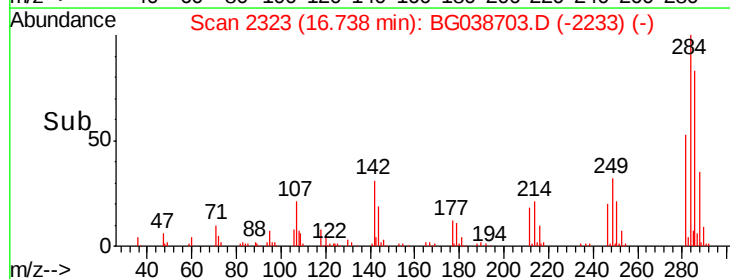
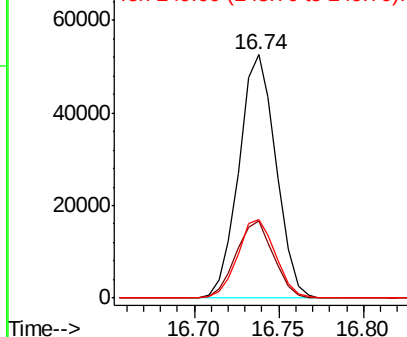


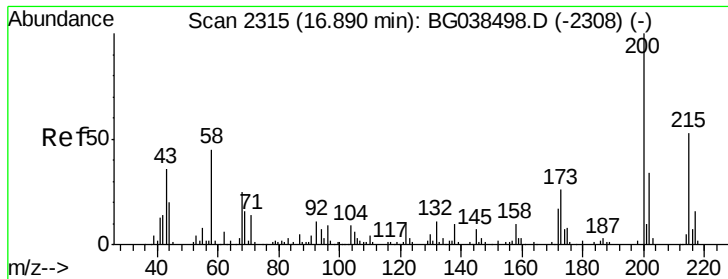
#68
 Hexachlorobenzene
 Concen: 40.419 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion:284 Resp: 80170
 Ion Ratio Lower Upper
 284 100
 142 31.5 25.8 38.6
 249 35.0 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: 45.895 ng

RT: 16.89 min Scan# 2349

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

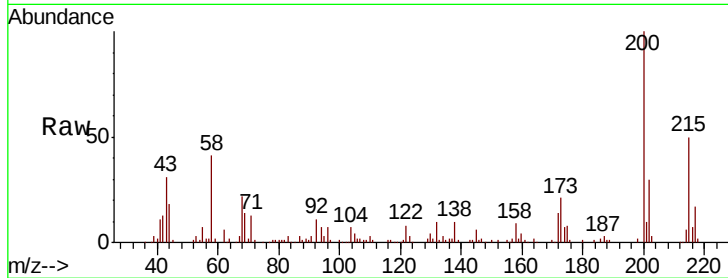
Tgt Ion:200 Resp: 78405

Ion Ratio Lower Upper

200 100

173 21.3 5.9 45.9

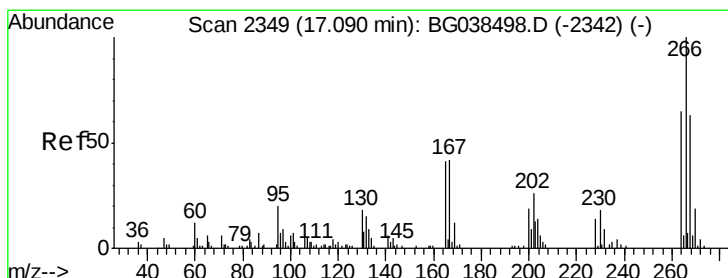
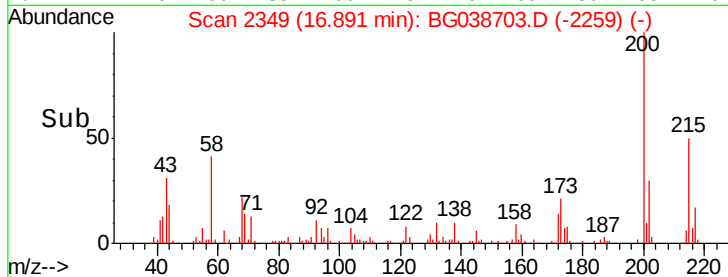
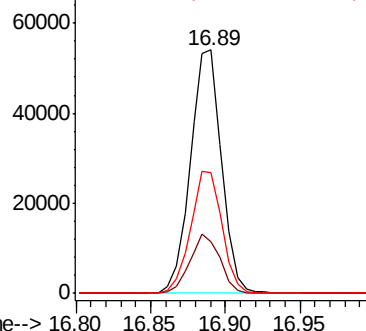
215 49.6 33.1 73.1



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: 67.581 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

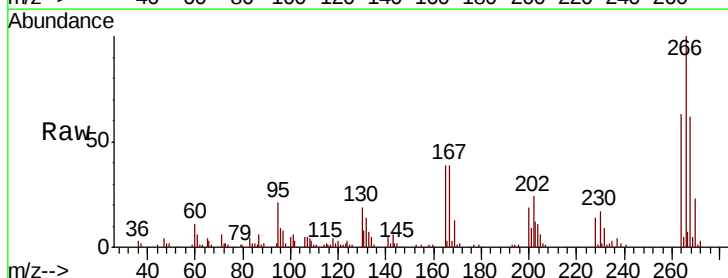
Tgt Ion:266 Resp: 79286

Ion Ratio Lower Upper

266 100

268 67.0 55.0 82.6

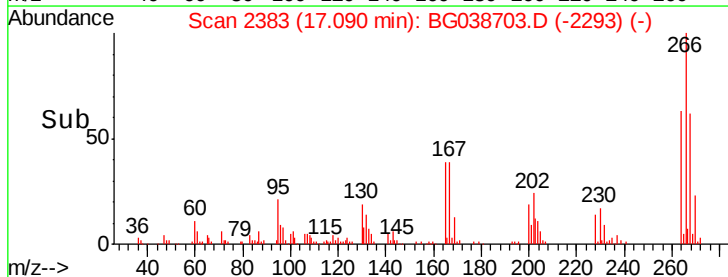
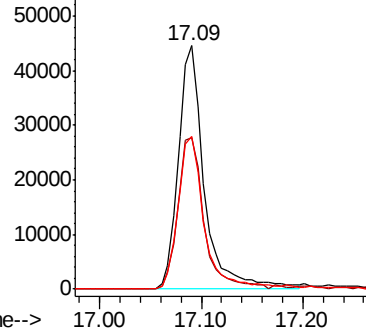
264 67.7 56.7 85.1

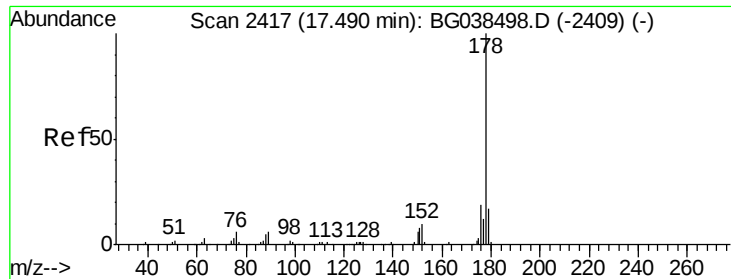


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.703 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

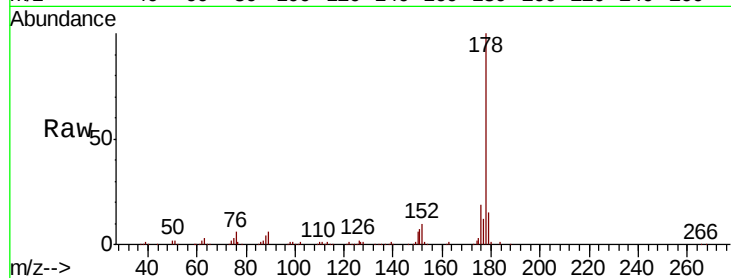
Tgt Ion:178 Resp: 363185

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

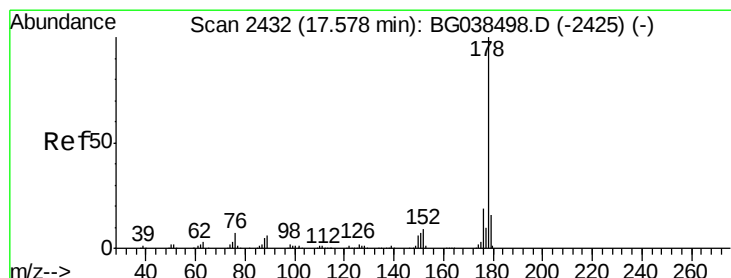
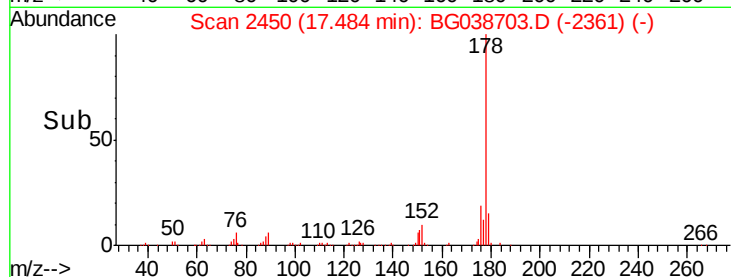
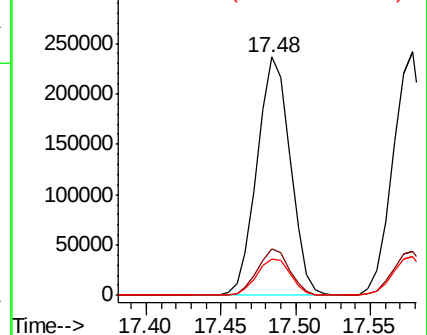
179 15.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.072 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

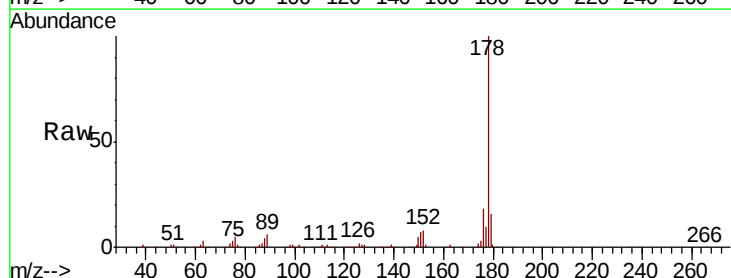
Tgt Ion:178 Resp: 369520

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

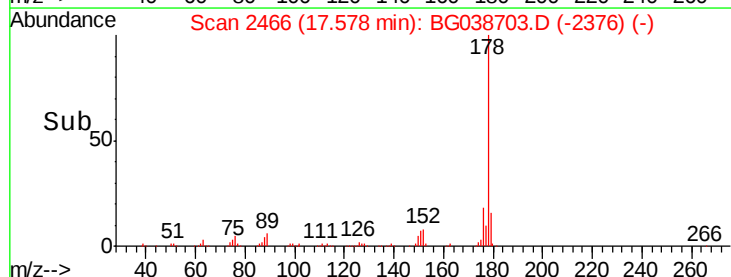
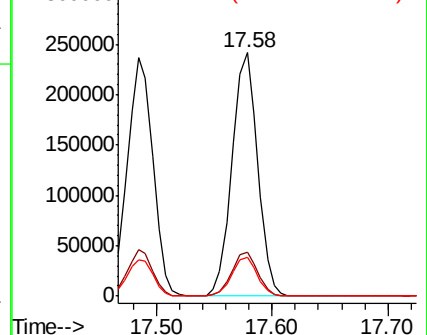
179 16.0 12.9 19.3

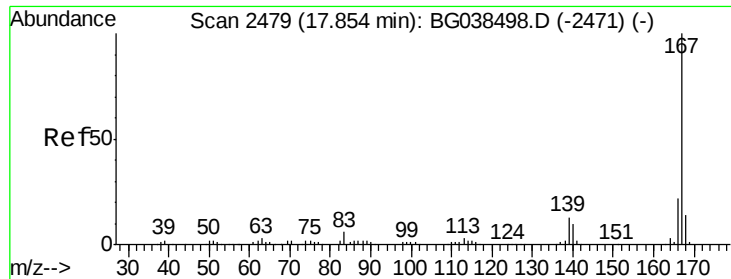


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

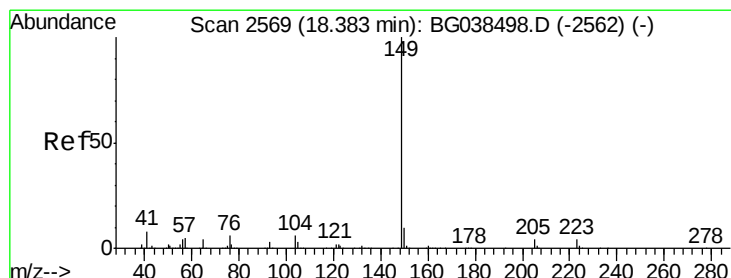
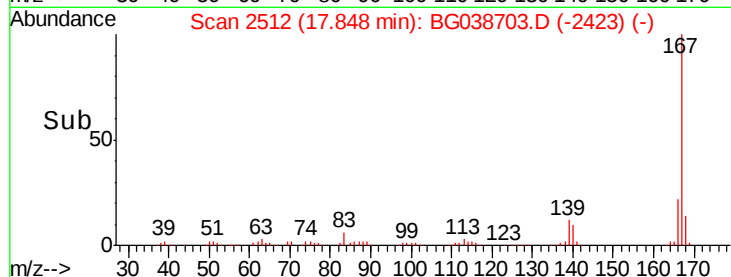
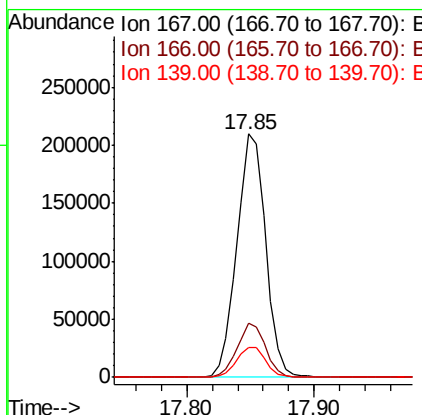
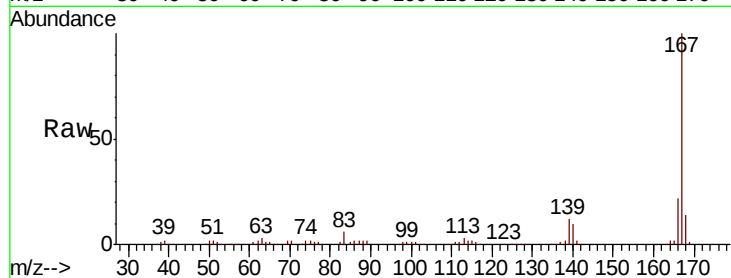




#73
 Carbazole
 Concen: 41.534 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

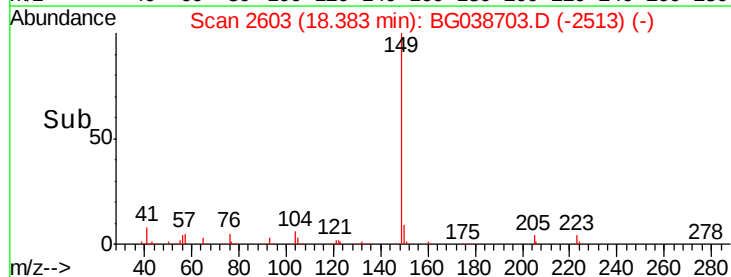
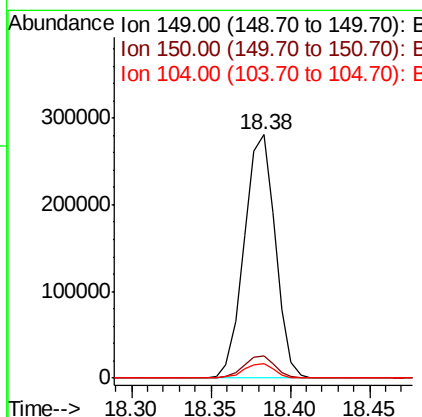
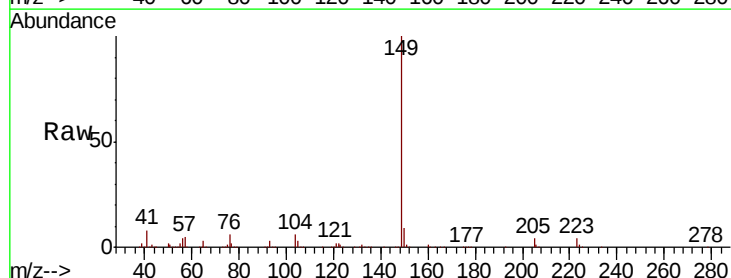
Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

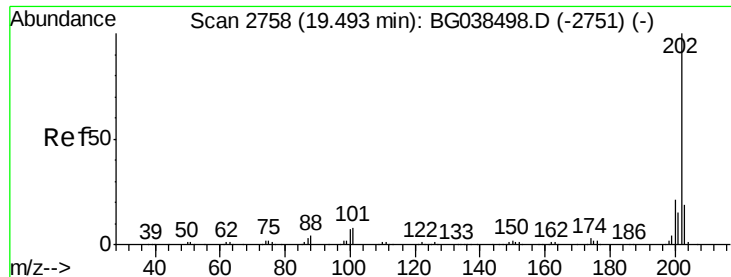
Tgt Ion:167 Resp: 329452
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.9 26.9
 139 12.2 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 42.046 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion:149 Resp: 382693
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.9 5.0 7.4

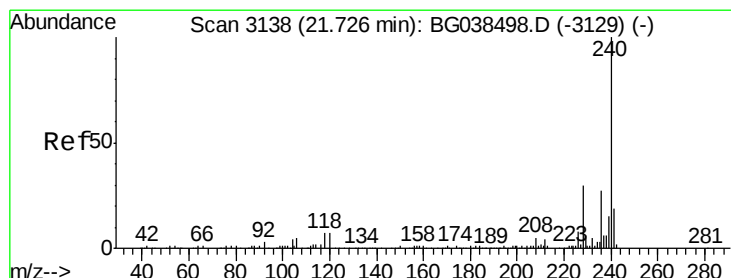
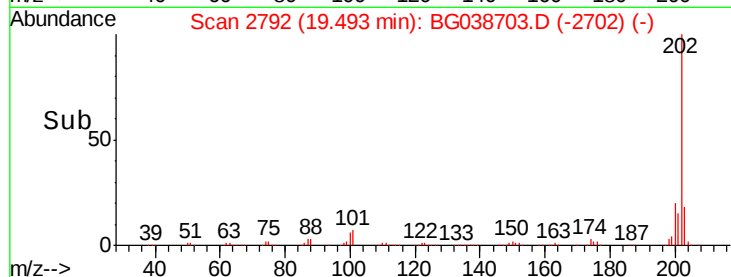
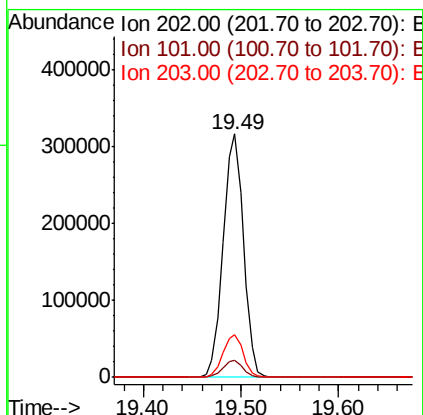
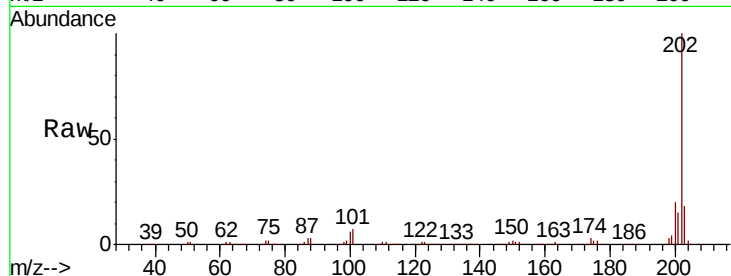




#75
 Fluoranthene
 Concen: 45.239 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

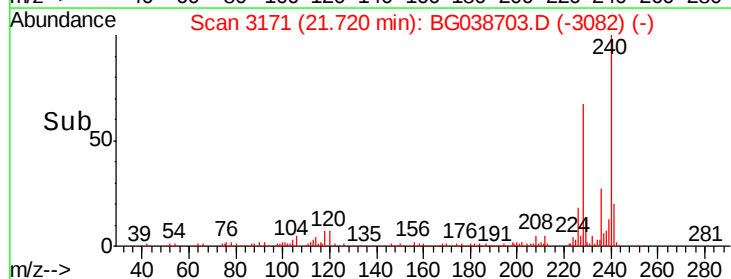
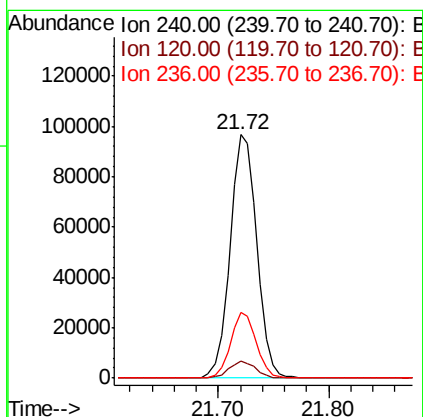
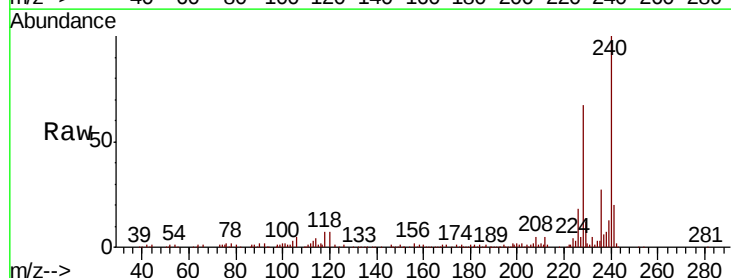
Instrument :
 BNA_G
 ClientSampleId :
 PB115802BS

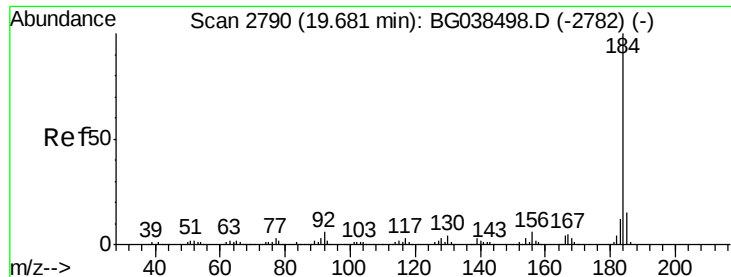
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.1
203	17.7	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038703.D
 Acq: 18 Dec 2018 20:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.3	7.9
236	27.1	21.4	32.2





#77

Benzidine

Concen: 42.512 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

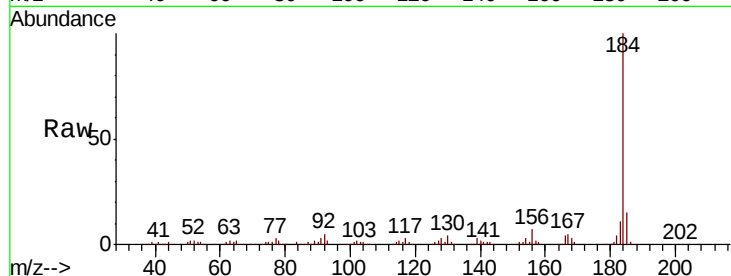
Tgt Ion:184 Resp: 205383

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

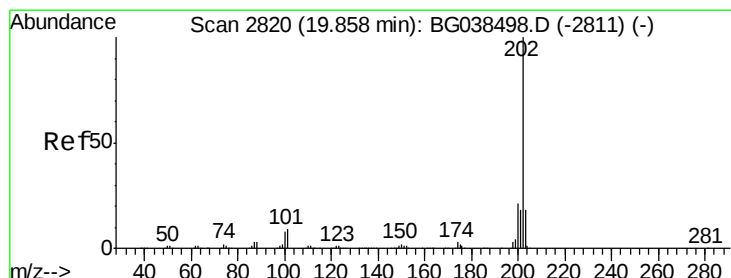
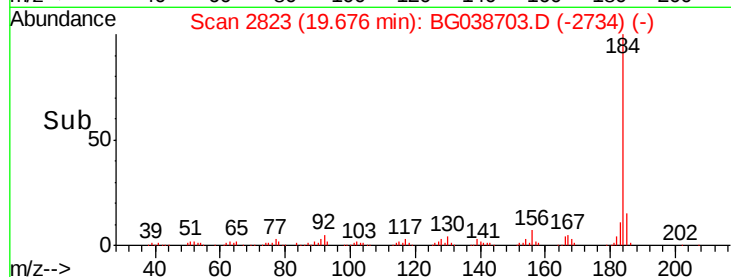
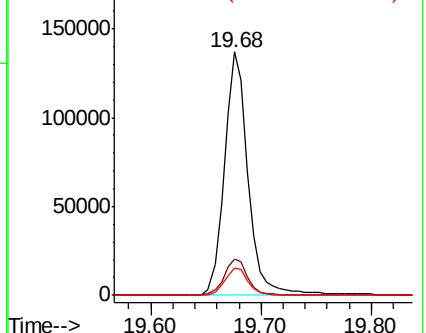
183 11.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.069 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

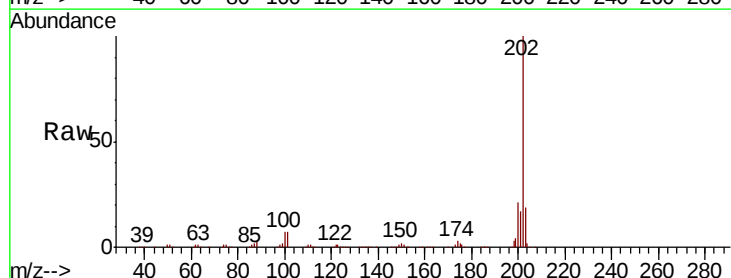
Tgt Ion:202 Resp: 454012

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

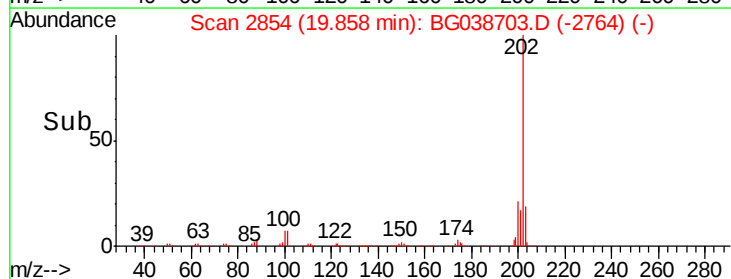
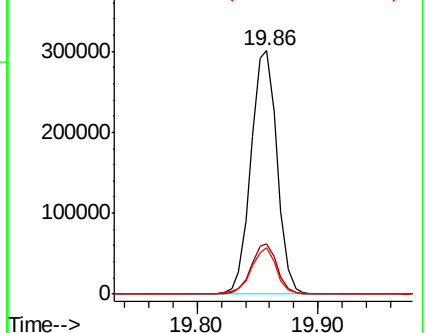
203 18.8 14.6 21.8

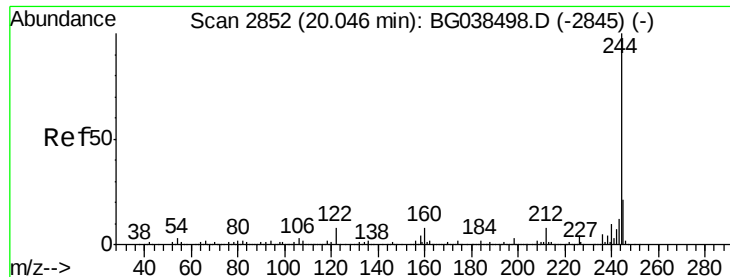


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.246 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

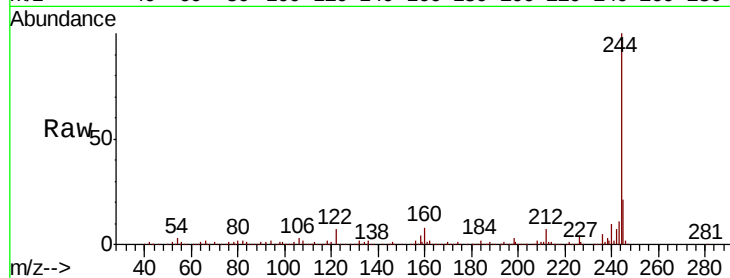
Tgt Ion:244 Resp: 624864

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

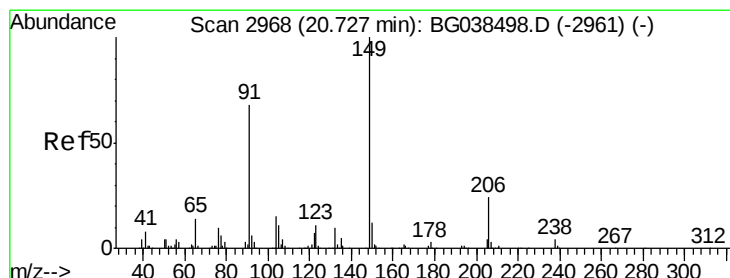
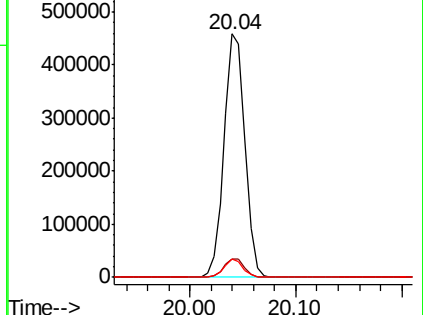
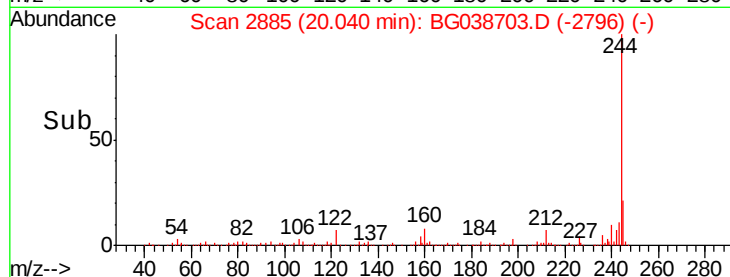
122 7.3 6.3 9.5



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: 40.357 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

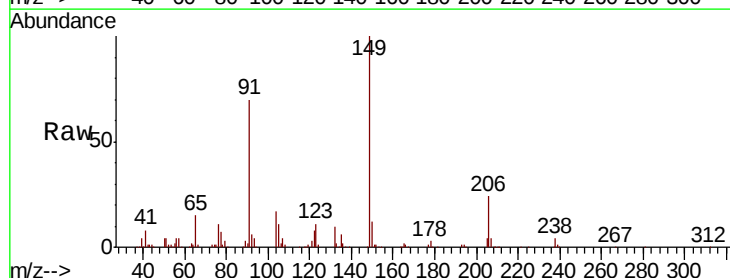
Tgt Ion:149 Resp: 170156

Ion Ratio Lower Upper

149 100

91 70.5 54.5 81.7

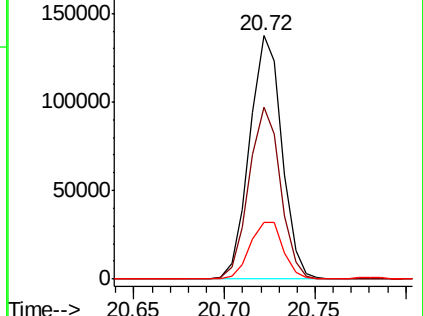
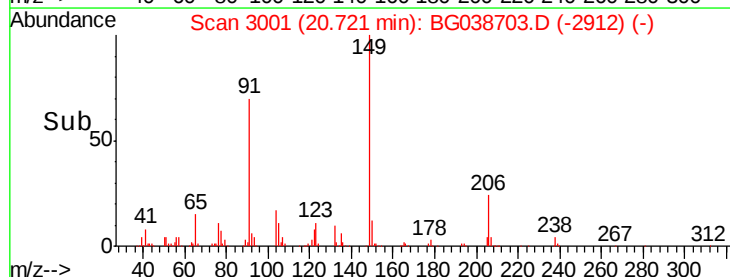
206 23.6 19.0 28.6

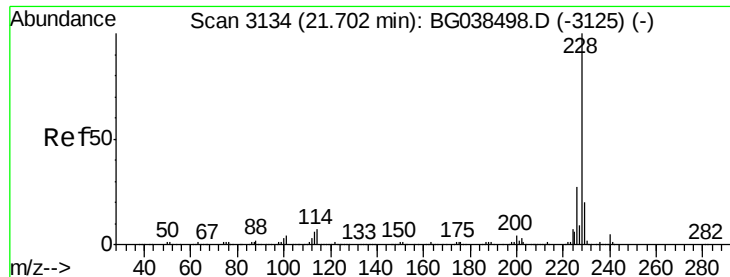


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.848 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

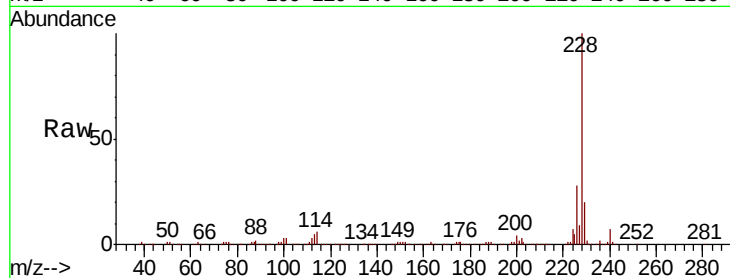
Tgt Ion:228 Resp: 446430

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

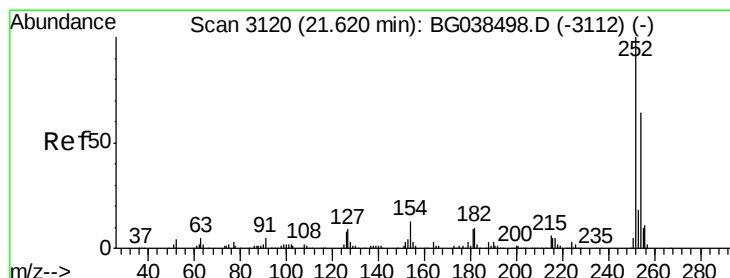
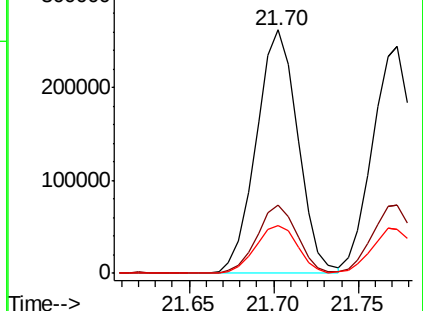
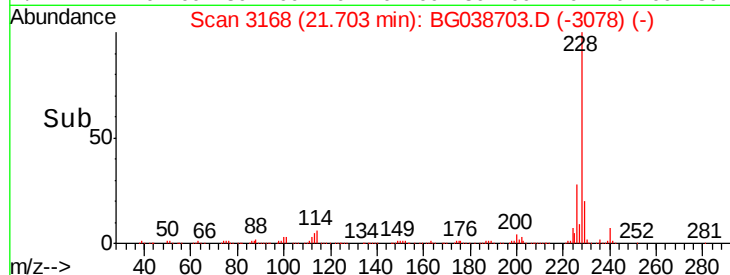
229 19.9 15.8 23.6



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: 29.541 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

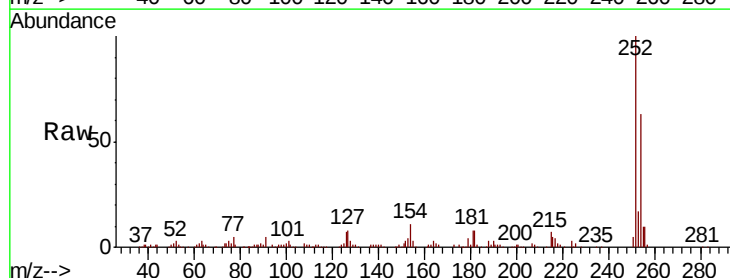
Tgt Ion:252 Resp: 116627

Ion Ratio Lower Upper

252 100

254 63.4 50.9 76.3

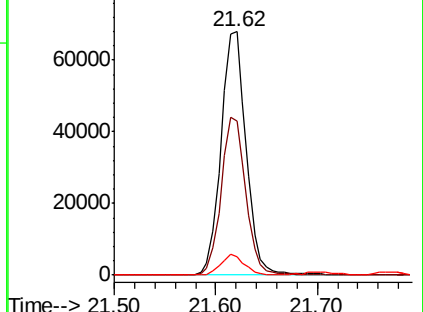
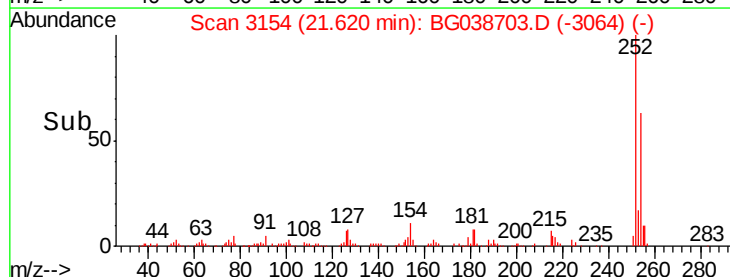
126 7.4 6.3 9.5

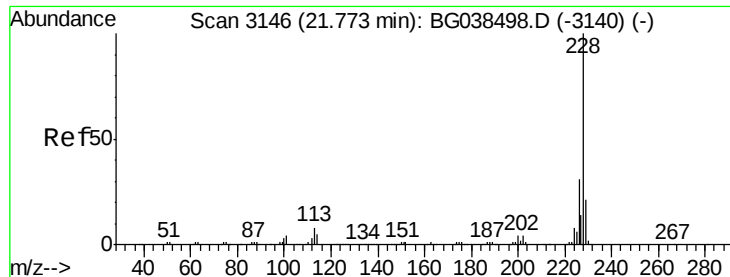


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.108 ng

RT: 21.77 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

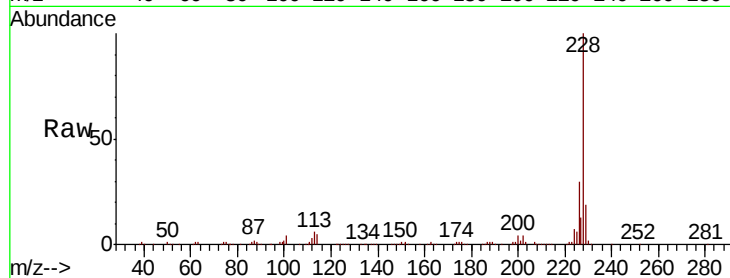
Tgt Ion:228 Resp: 413318

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.4

229 19.3 16.5 24.7

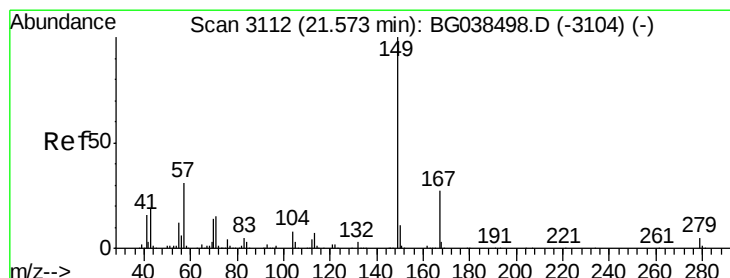
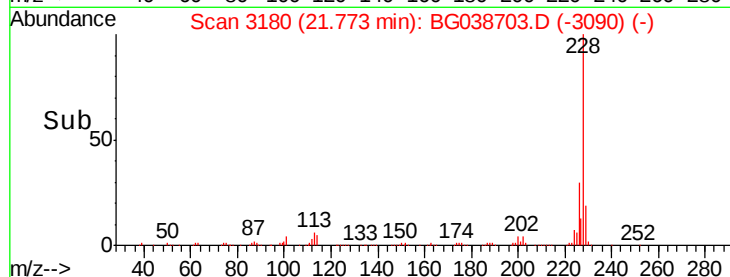
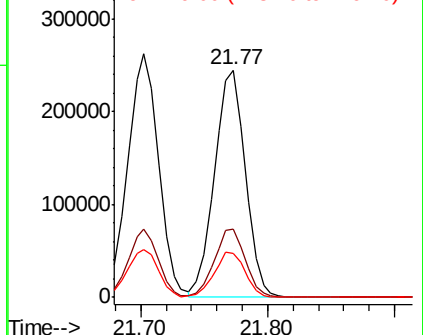


Abundance

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: 40.357 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

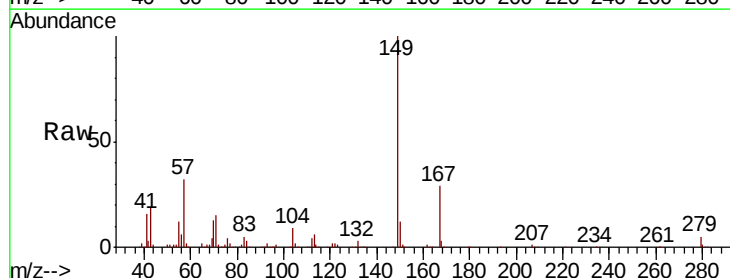
Tgt Ion:149 Resp: 241331

Ion Ratio Lower Upper

149 100

167 28.8 21.9 32.9

279 5.0 4.2 6.2

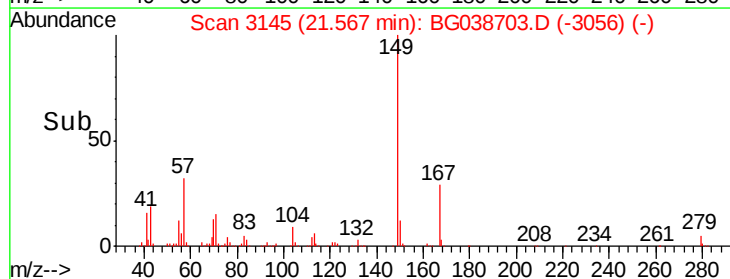
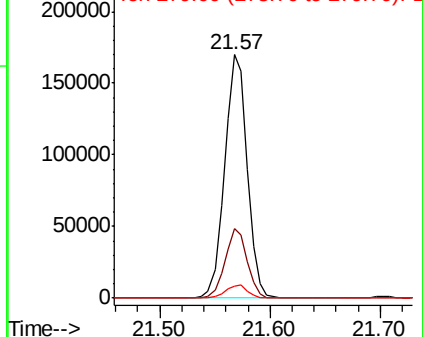


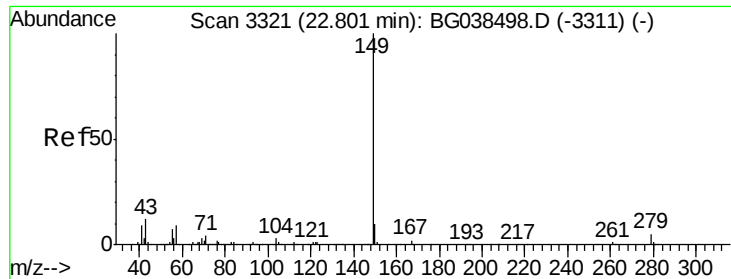
Abundance

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: 41.214 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

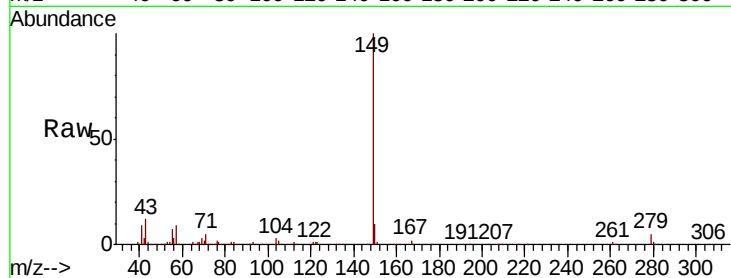
Tgt Ion:149 Resp: 412748

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

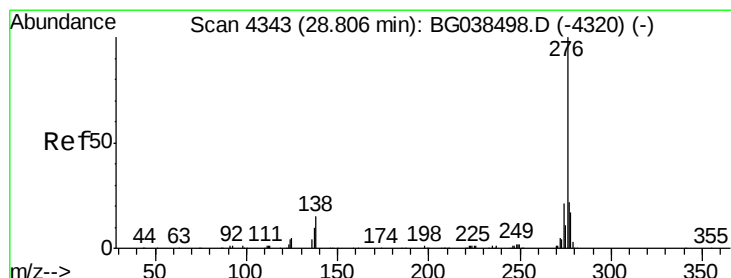
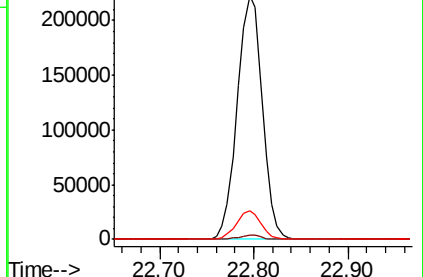
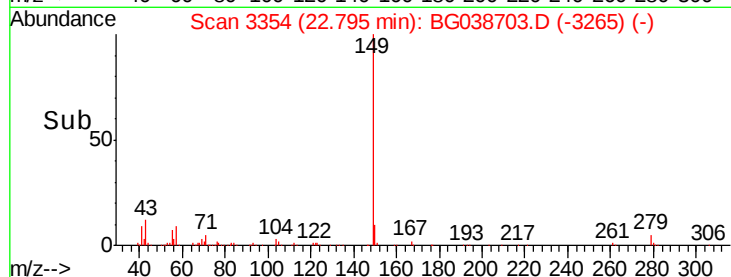
43 11.5 9.3 13.9



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: 44.957 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

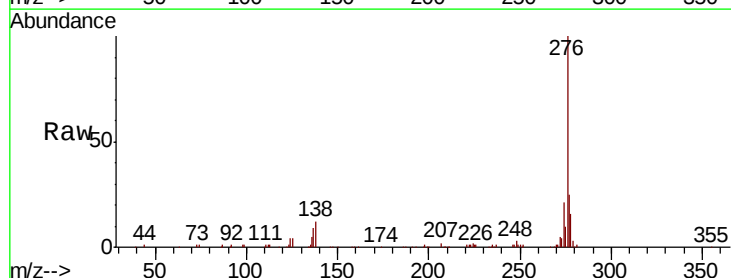
Tgt Ion:276 Resp: 506770

Ion Ratio Lower Upper

276 100

138 8.8 14.4 21.6#

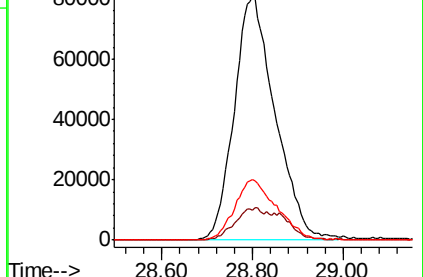
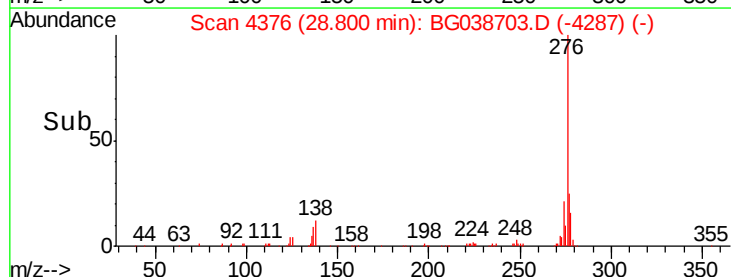
277 25.4 0.0 0.0#

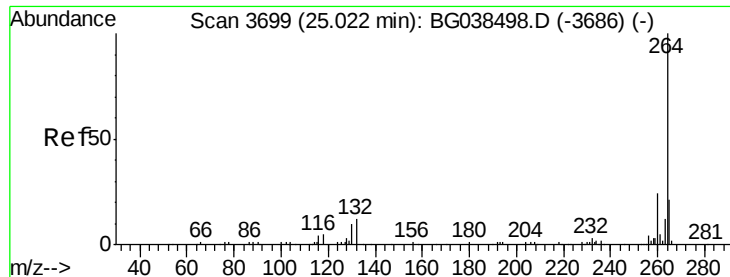


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



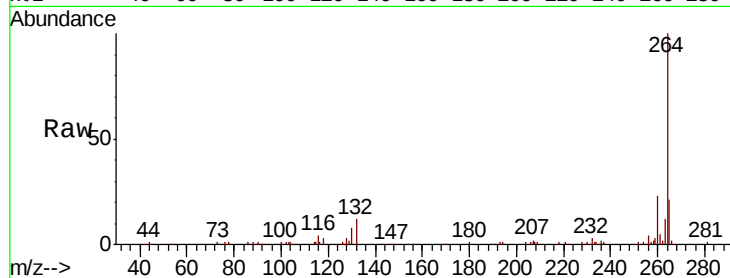


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

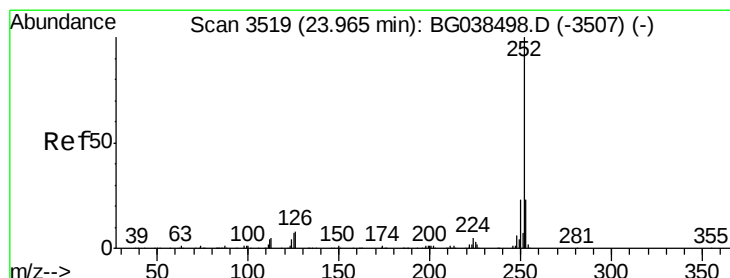
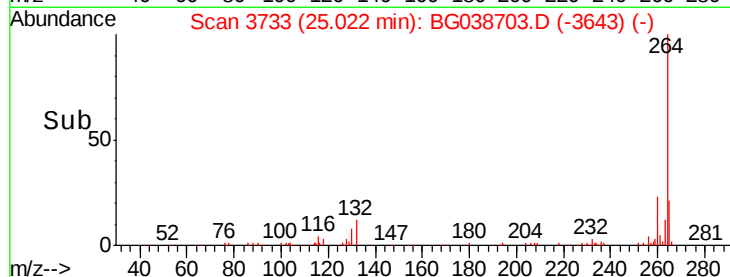
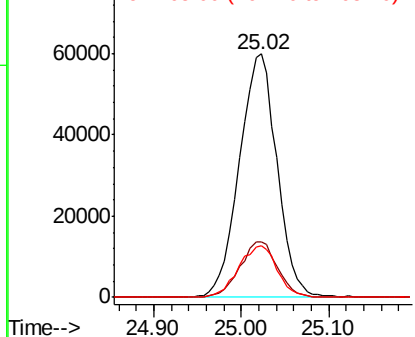
Instrument :
BNA_G
ClientSampleId :
PB115802BS

Tgt Ion: 264 Resp: 174415

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	21.4	17.0	25.4



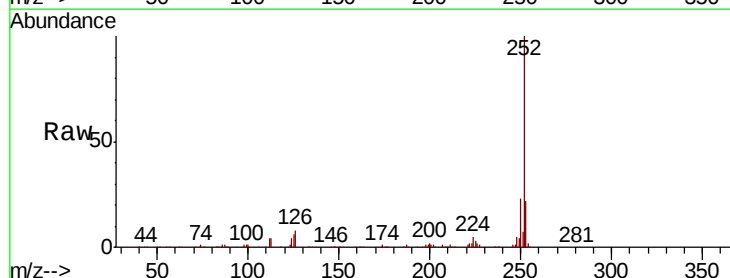
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



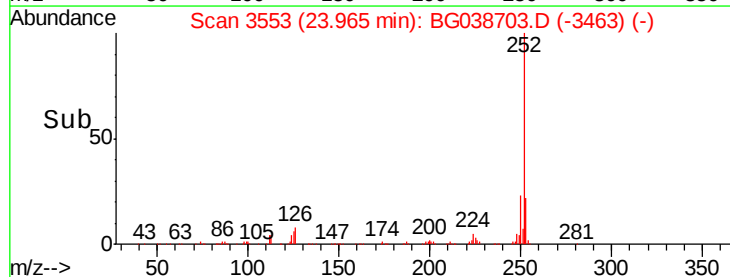
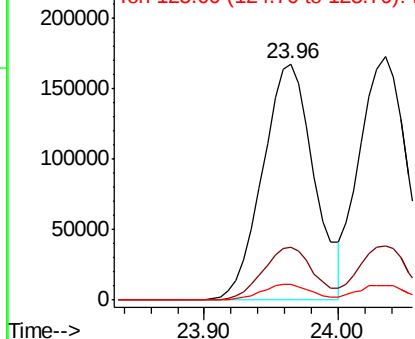
#88
Benzo(b)fluoranthene
Concen: 46.802 ng
RT: 23.96 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG038703.D
Acq: 18 Dec 2018 20:38

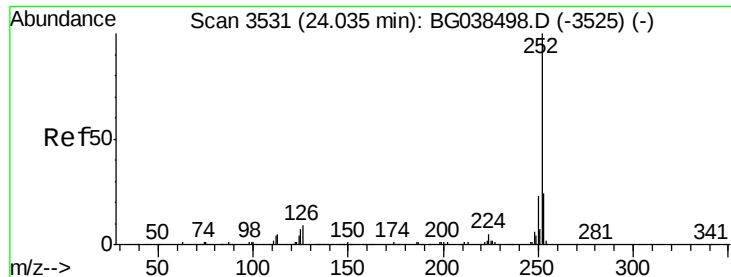
Tgt Ion: 252 Resp: 448183

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.4	5.5	8.3



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





#89

Benzo(k)fluoranthene

Concen: 44.538 ng

RT: 24.04 min Scan# 3565

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

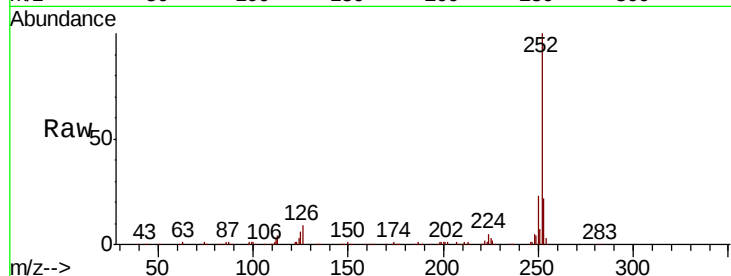
Tgt Ion:252 Resp: 424705

Ion Ratio Lower Upper

252 100

253 22.3 18.9 28.3

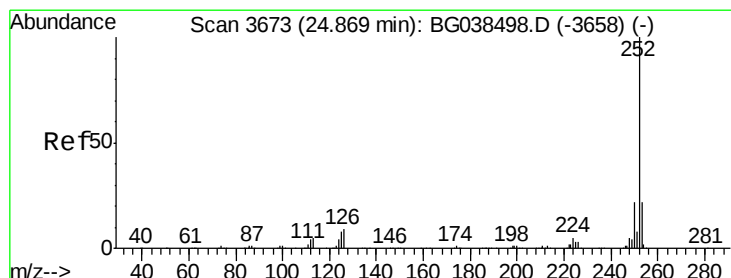
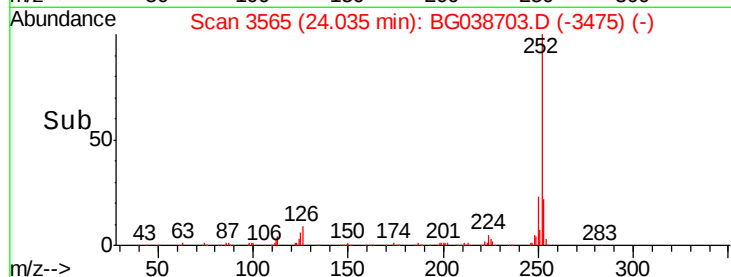
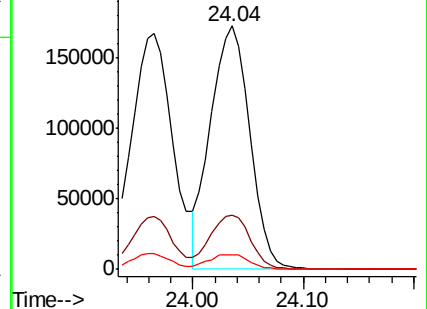
125 6.0 5.4 8.2



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: 46.689 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

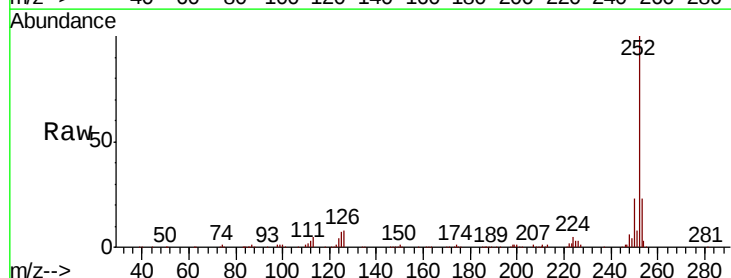
Tgt Ion:252 Resp: 431333

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

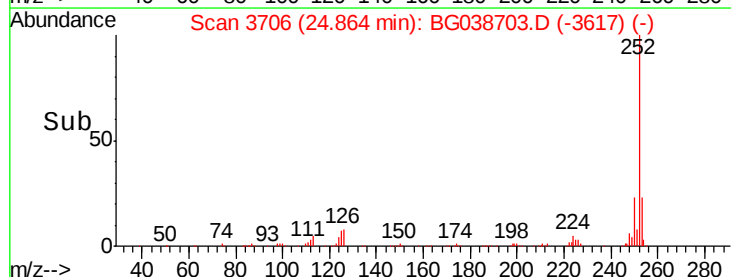
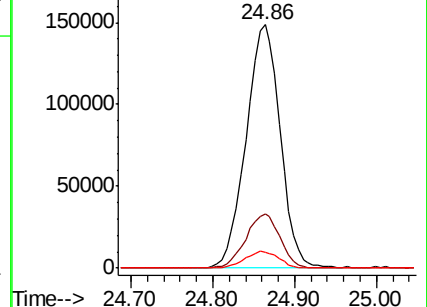
125 6.6 6.4 9.6

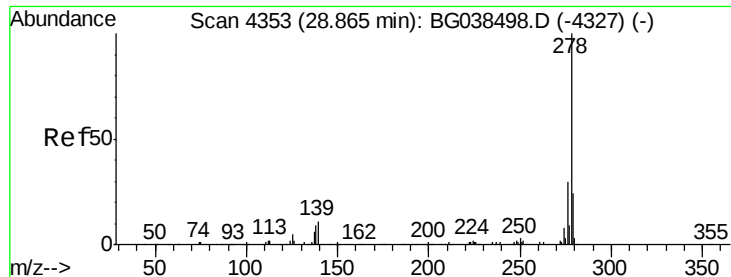


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.706 ng

RT: 28.86 min Scan# 4387

Delta R.T. 0.00 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

Instrument :

BNA_G

ClientSampleId :

PB115802BS

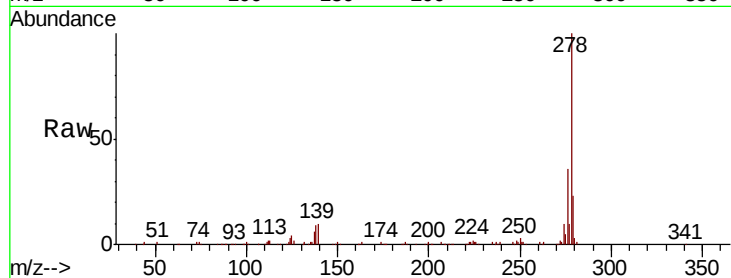
Tgt Ion:278 Resp: 420427

Ion Ratio Lower Upper

278 100

139 10.1 8.6 12.8

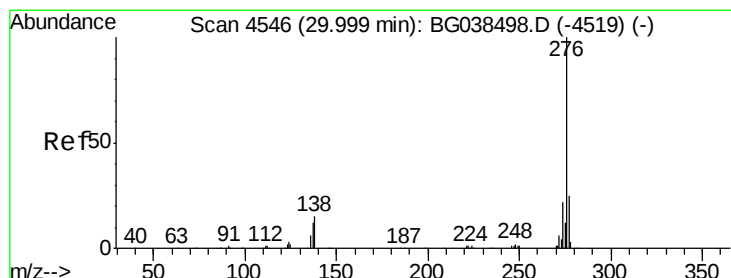
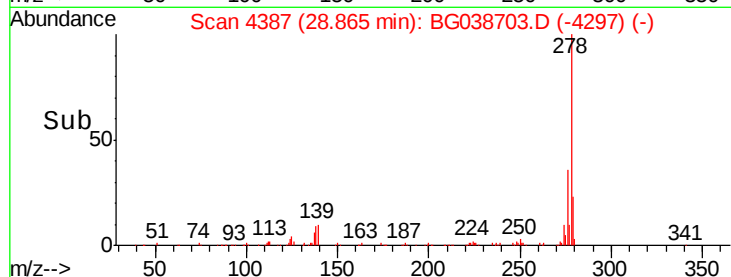
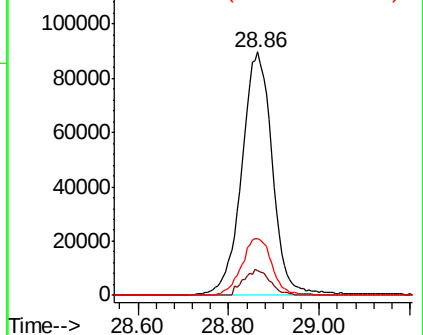
279 23.4 19.0 28.6



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: 45.862 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038703.D

Acq: 18 Dec 2018 20:38

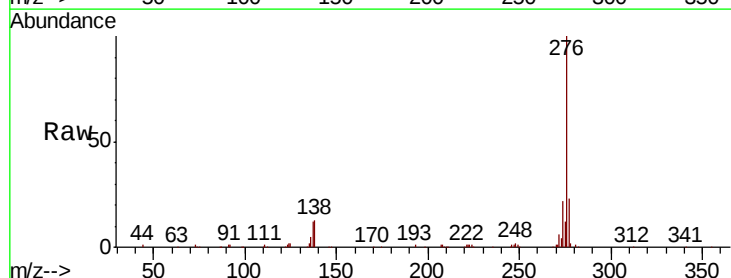
Tgt Ion:276 Resp: 415748

Ion Ratio Lower Upper

276 100

277 23.2 19.8 29.8

138 13.0 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

