

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038765.D
 Acq On : 20 Dec 2018 16:53
 Operator : JU/SJ
 Sample : PB115871BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Quant Time: Dec 21 00:19:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23119	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	88702	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	60579	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	160074	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161890	20.00	ng	0.00
87) Perylene-d12	25.02	264	176130	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	180883	138.77	ng	0.00
7) Phenol-d6	7.21	99	240370	134.33	ng	0.00
23) Nitrobenzene-d5	9.24	82	120342	69.31	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	128987	154.50	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	304905	69.05	ng	0.00
79) Terphenyl-d14	20.04	244	618003	83.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	19951	32.887	ng	# 87
3) Pyridine	3.89	79	55141	33.014	ng	96
4) n-Nitrosodimethylamine	3.81	42	33947	41.480	ng	92
6) Aniline	7.38	93	64790	28.363	ng	99
8) 2-Chlorophenol	7.62	128	63800	42.296	ng	97
9) Benzaldehyde	7.20	77	20238	17.434	ng	97
10) Phenol	7.24	94	80890	42.550	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	53609	35.419	ng	96
12) 1,3-Dichlorobenzene	7.94	146	67487	37.839	ng	98
13) 1,4-Dichlorobenzene	8.09	146	69273	37.924	ng	97
14) 1,2-Dichlorobenzene	8.41	146	65282	37.910	ng	95
15) Benzyl Alcohol	8.30	79	57776	41.366	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	115159	33.214	ng	97
17) 2-Methylphenol	8.50	107	52695	41.372	ng	90
18) Hexachloroethane	9.14	117	24944	37.371	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	44160	35.137	ng	92
20) 3+4-Methylphenols	8.82	107	73911	42.018	ng	97
22) Acetophenone	8.88	105	90828	40.995	ng	# 97
24) Nitrobenzene	9.28	77	70200	39.966	ng	96
25) Isophorone	9.79	82	125623	40.269	ng	99
26) 2-Nitrophenol	9.98	139	37000	41.157	ng	95
27) 2,4-Dimethylphenol	10.03	122	63013	48.907	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	71614	40.678	ng	99
29) 2,4-Dichlorophenol	10.52	162	70034	48.861	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	73711	42.574	ng	95
31) Naphthalene	10.92	128	194406	44.482	ng	99
32) Benzoic acid	10.19	122	17009	26.547	ng	94
33) 4-Chloroaniline	11.04	127	47855	25.221	ng	97
34) Hexachlorobutadiene	11.19	225	49824	42.530	ng	94
35) Caprolactam	11.83	113	23625	39.828	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	71321	43.603	ng	93
37) 2-Methylnaphthalene	12.53	142	146134	46.869	ng	98
38) 1-Methylnaphthalene	12.74	142	138267	45.700	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	91162	40.258	ng	98

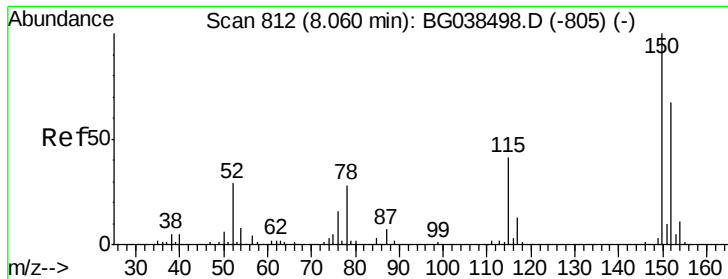
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038765.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	106523	85.625	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	62171	44.653	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	67614	45.867	ng	97
46) 1,1'-Biphenyl	13.52	154	194152	38.230	ng	97
47) 2-Chloronaphthalene	13.57	162	158596	40.429	ng	99
48) 2-Nitroaniline	13.78	65	51637	41.325	ng	94
49) Acenaphthylene	14.42	152	261521	44.594	ng	99
50) Dimethylphthalate	14.14	163	205869	41.614	ng	99
51) 2,6-Dinitrotoluene	14.28	165	46695	41.651	ng	93
52) Acenaphthene	14.76	154	148341	42.301	ng	96
53) 3-Nitroaniline	14.61	138	36153	31.635	ng	96
54) 2,4-Dinitrophenol	14.82	184	44176	67.118	ng	97
55) Dibenzofuran	15.09	168	254849	42.396	ng	98
56) 4-Nitrophenol	14.91	139	70089	80.843	ng	95
57) 2,4-Dinitrotoluene	15.06	165	69151	43.794	ng	95
58) Fluorene	15.74	166	208610	46.841	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.32	232	65627	49.482	ng	95
60) Diethylphthalate	15.49	149	213985	39.402	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	116103	41.783	ng	99
62) 4-Nitroaniline	15.78	138	51918	44.127	ng	99
63) Azobenzene	16.02	77	181988	40.113	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	41151	36.038	ng	96
66) n-Nitrosodiphenylamine	15.95	169	191942	40.810	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	79199	40.512	ng	94
68) Hexachlorobenzene	16.74	284	83008	40.960	ng	96
69) Atrazine	16.89	200	78625	45.045	ng	98
70) Pentachlorophenol	17.09	266	80598	67.239	ng	94
71) Phenanthrene	17.48	178	365123	43.986	ng	99
72) Anthracene	17.57	178	371951	45.389	ng	98
73) Carbazole	17.85	167	326275	40.259	ng	99
74) Di-n-butylphthalate	18.38	149	376478	40.484	ng	99
75) Fluoranthene	19.49	202	450010	43.816	ng	97
77) Benzidine	19.68	184	202177	42.228	ng	99
78) Pyrene	19.85	202	448913	41.974	ng	99
80) Butylbenzylphthalate	20.72	149	169909	40.664	ng	94
81) Benzo(a)anthracene	21.70	228	441830	44.789	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	120225	30.729	ng	99
83) Chrysene	21.77	228	411514	43.310	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	238839	40.303	ng	99
85) Di-n-octyl phthalate	22.79	149	406412	40.950	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	494559	44.273	ng	# 74
88) Benzo(b)fluoranthene	23.96	252	440421	45.544	ng	99
89) Benzo(k)fluoranthene	24.03	252	431250	44.784	ng	97
90) Benzo(a)pyrene	24.86	252	427981	45.875	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	408000	43.923	ng	99
92) Benzo(g,h,i)perylene	29.99	276	407236	44.486	ng	96

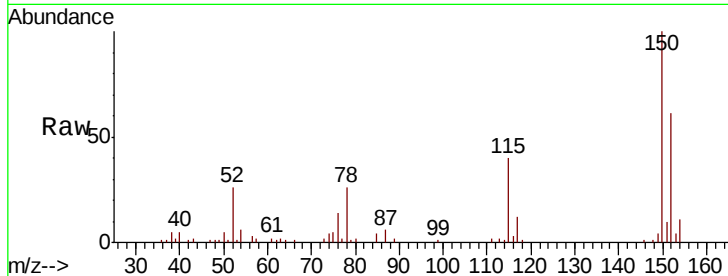
(#) = qualifier out of range (m) = manual integration (+) = signals summed



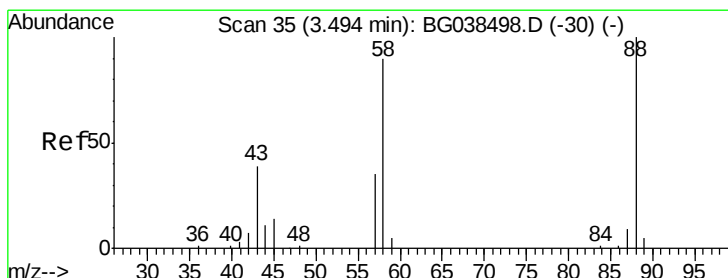
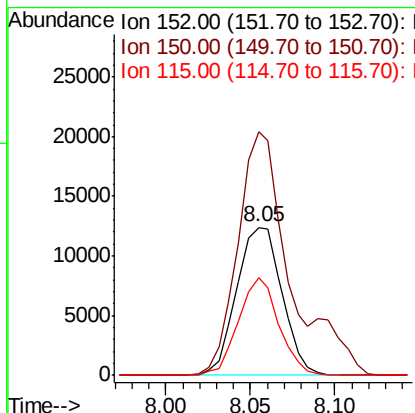
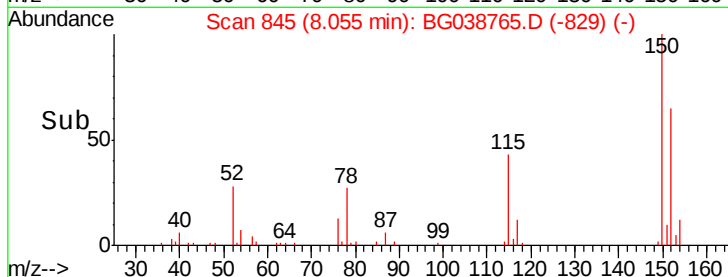
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion:152 Resp: 23119
 Ion Ratio Lower Upper
 152 100
 150 164.2 119.5 179.3
 115 65.7 49.6 74.4

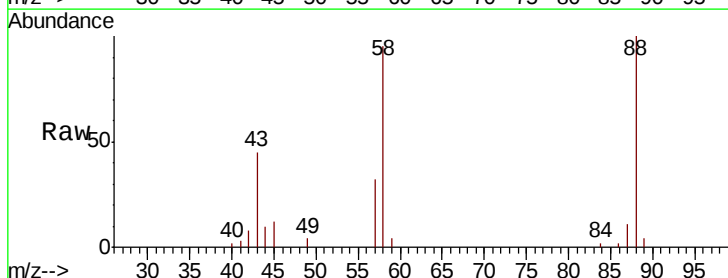


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

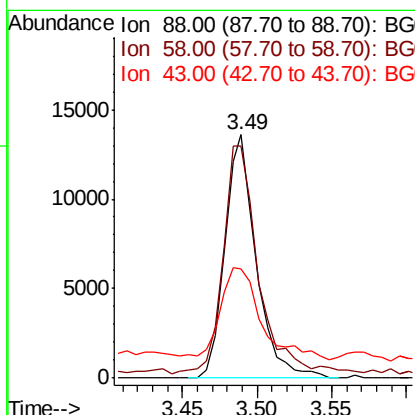
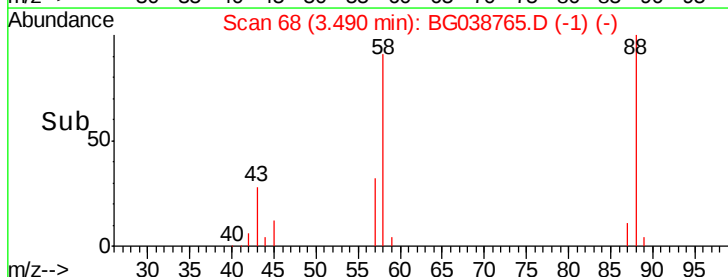


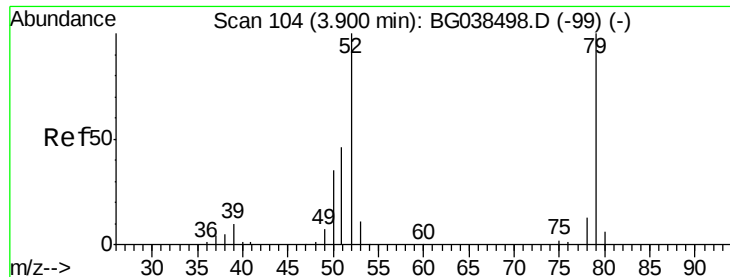
#2
 1,4-Dioxane
 Concen: 32.887 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion: 88 Resp: 19951
 Ion Ratio Lower Upper
 88 100
 58 106.1 75.7 113.5
 43 49.4 31.6 47.4#



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





#3

Pyridine

Concen: 33.014 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

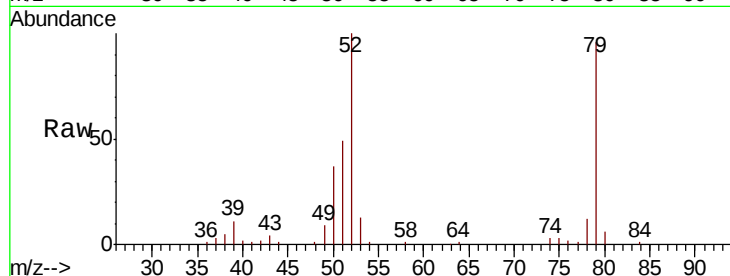
Tgt Ion: 79 Resp: 55141

Ion Ratio Lower Upper

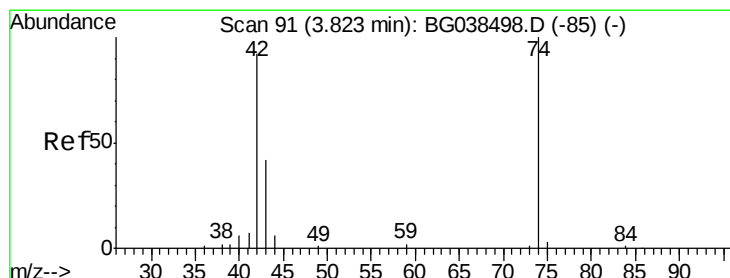
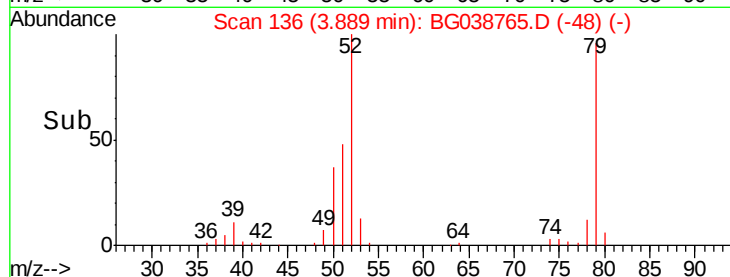
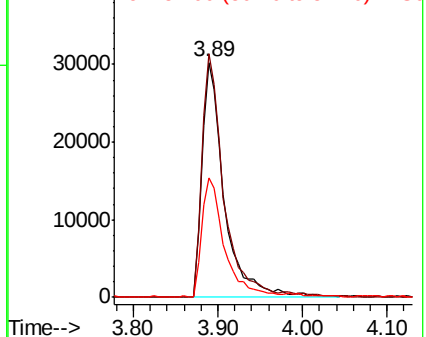
79 100

52 103.8 80.2 120.2

51 51.0 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 41.480 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

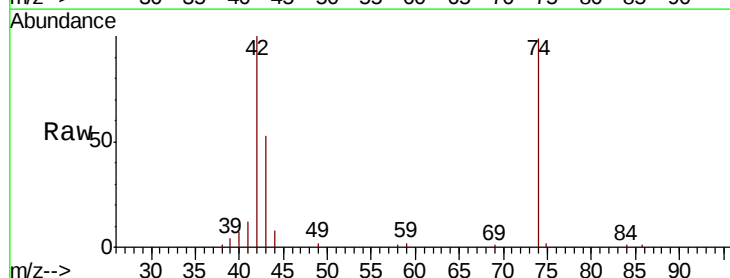
Tgt Ion: 42 Resp: 33947

Ion Ratio Lower Upper

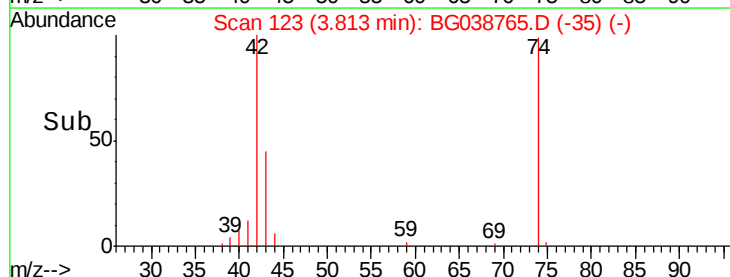
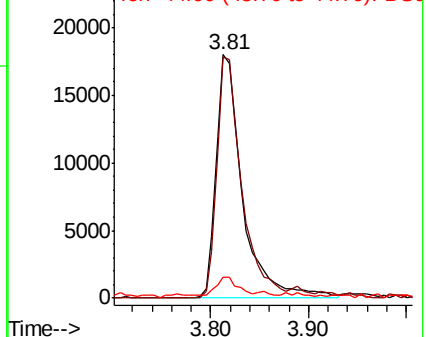
42 100

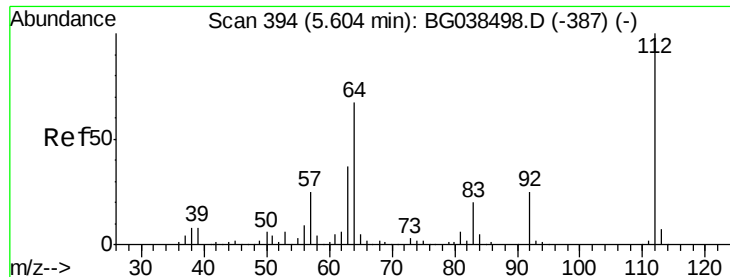
74 99.1 86.7 130.1

44 8.5 7.8 11.8



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





#5

2-Fluorophenol

Concen: 138.770 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

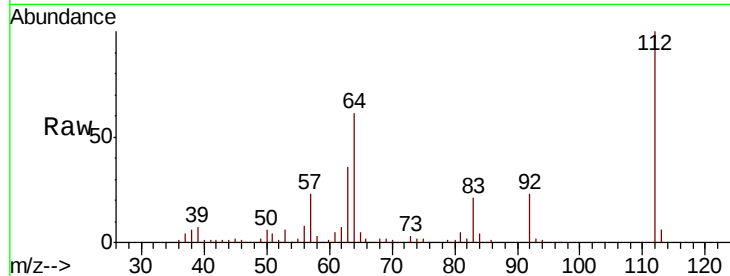
Instrument :

BNA_G

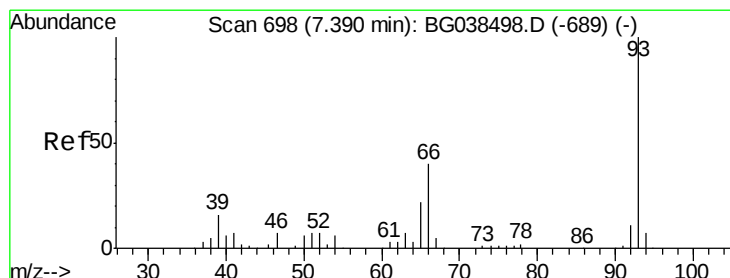
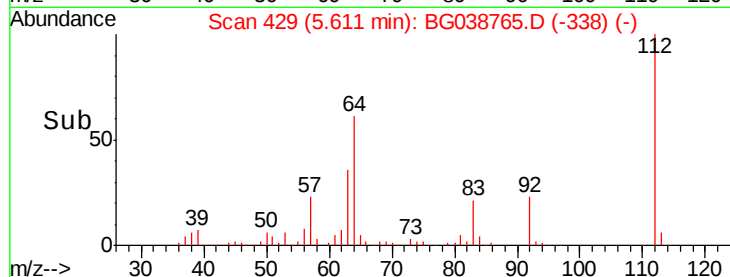
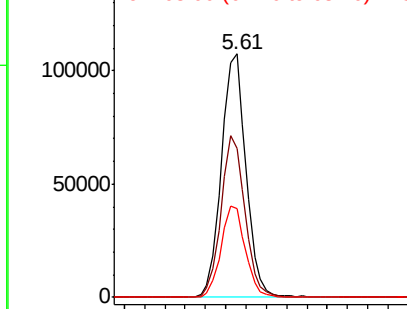
ClientSampleId :

PB115871BS

Tgt Ion:	112	Resp:	180883
Ion	Ratio	Lower	Upper
112	100		
64	60.9	53.4	80.2
63	36.3	29.3	43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.363 ng

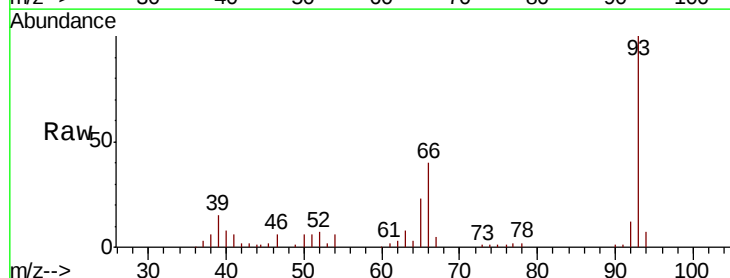
RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

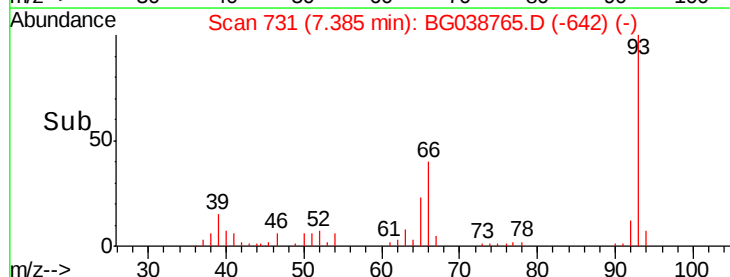
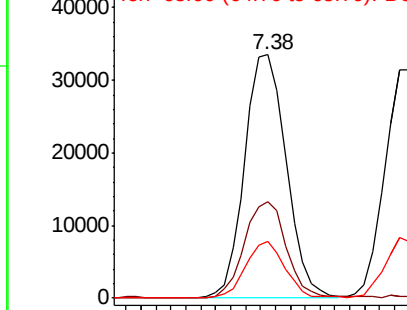
Lab File: BG038765.D

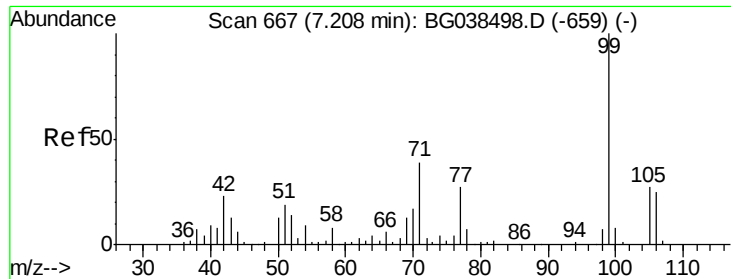
Acq: 20 Dec 2018 16:53

Tgt Ion:	93	Resp:	64790
Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.7	47.5
65	23.1	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: 134.329 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

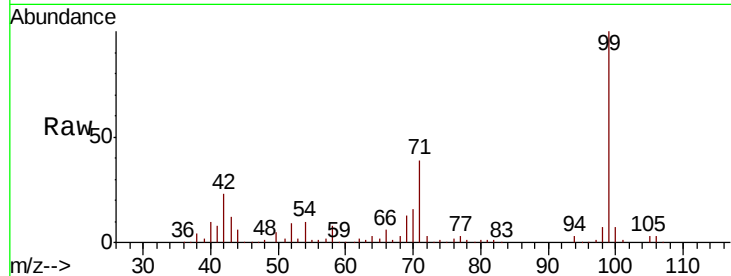
Tgt Ion: 99 Resp: 240370

Ion Ratio Lower Upper

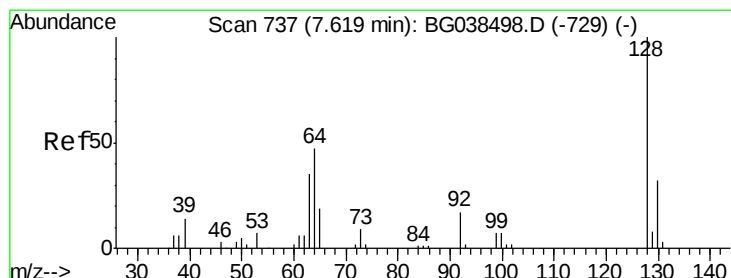
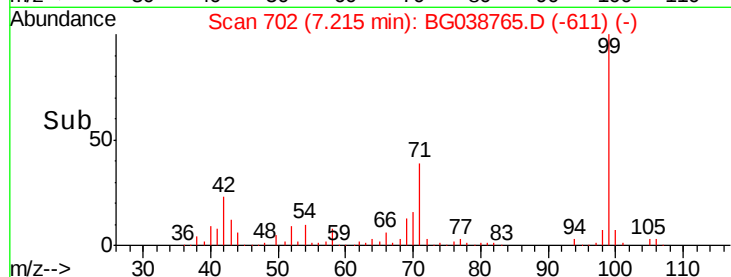
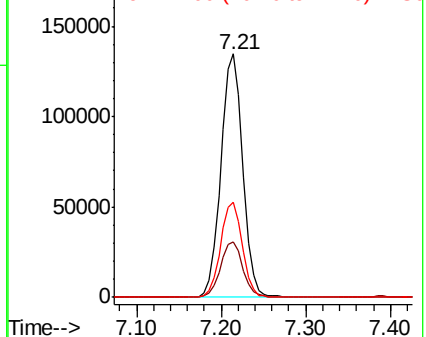
99 100

42 22.7 18.5 27.7

71 39.2 31.1 46.7



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



#8

2-Chlorophenol

Concen: 42.296 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

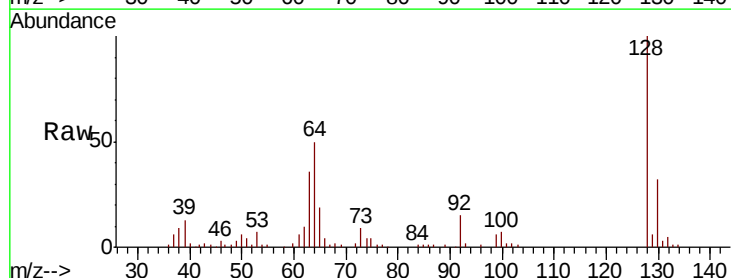
Tgt Ion: 128 Resp: 63800

Ion Ratio Lower Upper

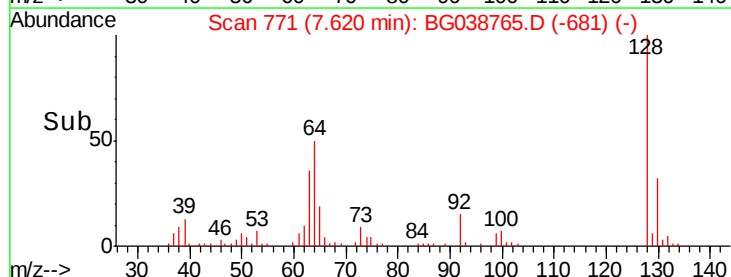
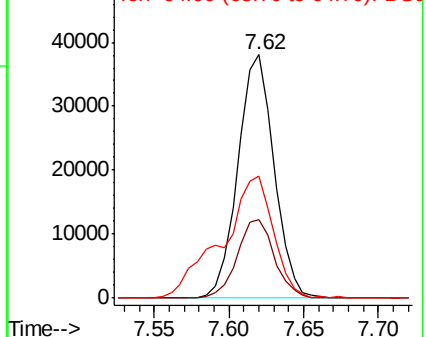
128 100

130 32.5 11.8 51.8

64 50.3 33.2 73.2



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





#9

Benzaldehyde

Concen: 17.434 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

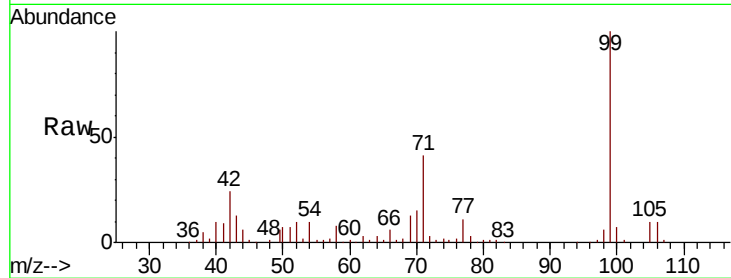
Tgt Ion: 77 Resp: 20238

Ion Ratio Lower Upper

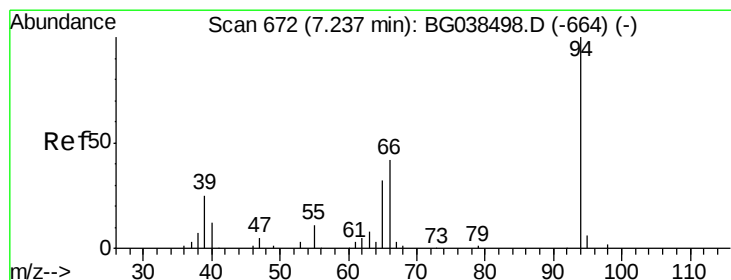
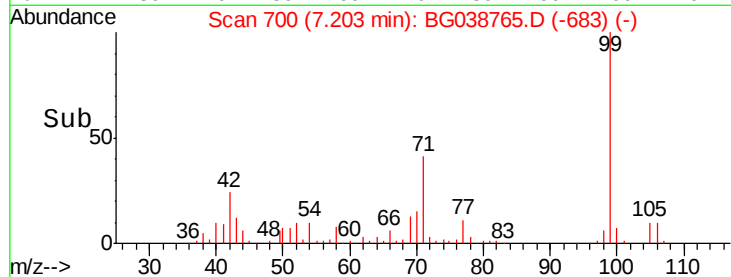
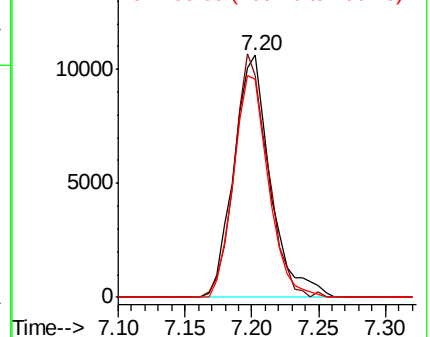
77 100

105 91.8 74.0 114.0

106 90.2 73.9 113.9



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



#10

Phenol

Concen: 42.550 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

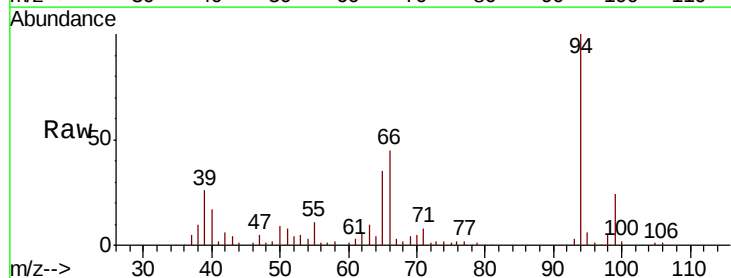
Tgt Ion: 94 Resp: 80890

Ion Ratio Lower Upper

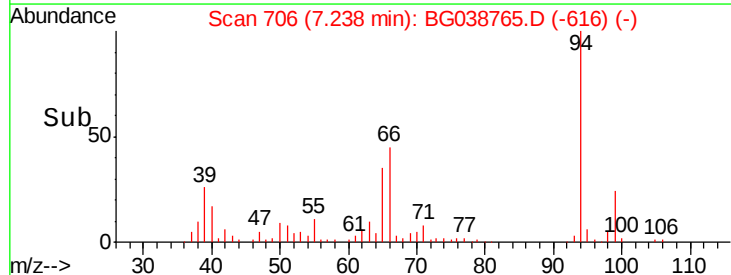
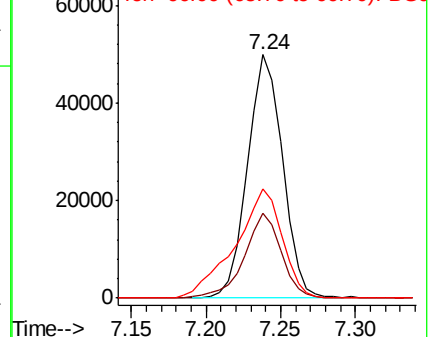
94 100

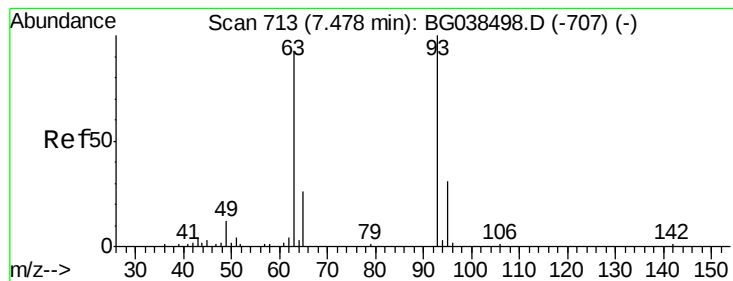
65 35.0 12.6 52.6

66 45.0 24.1 64.1



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





#11

bis(2-Chloroethyl)ether

Concen: 35.419 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

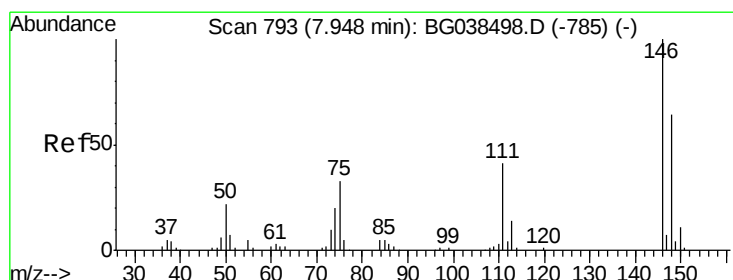
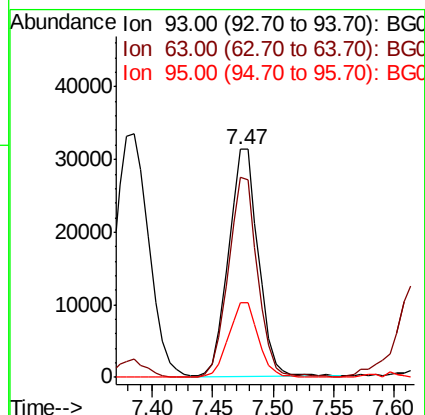
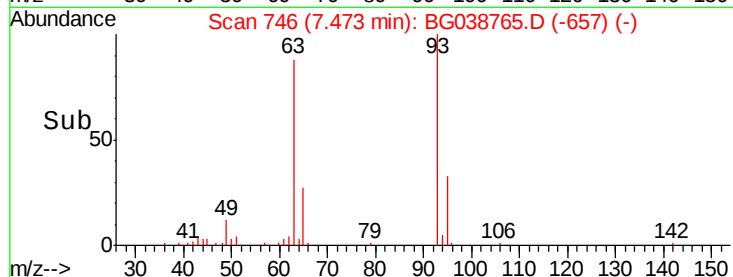
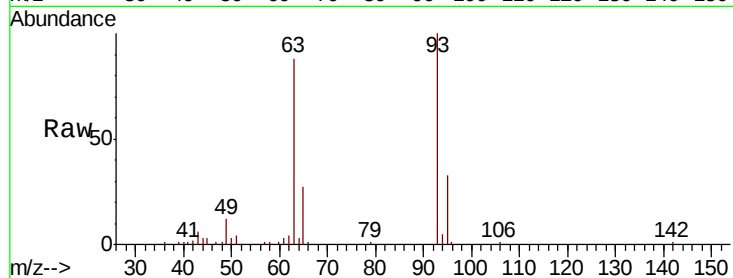
Tgt Ion: 93 Resp: 53609

Ion Ratio Lower Upper

93 100

63 87.6 72.2 112.2

95 32.9 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 37.839 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

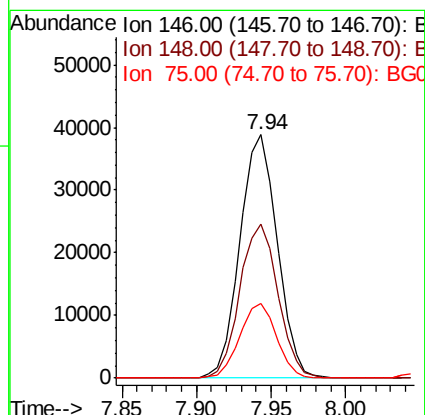
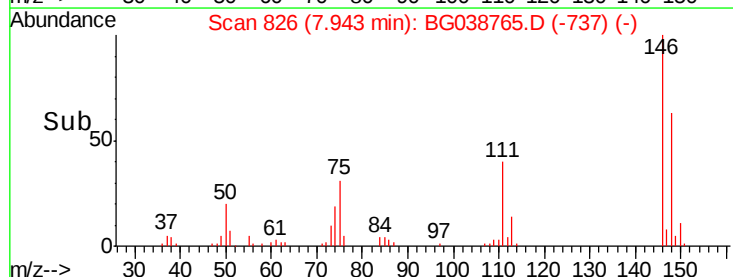
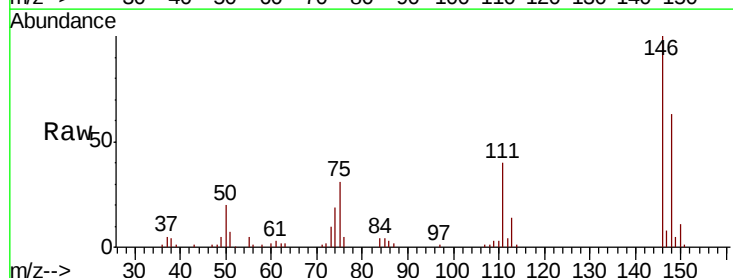
Tgt Ion: 146 Resp: 67487

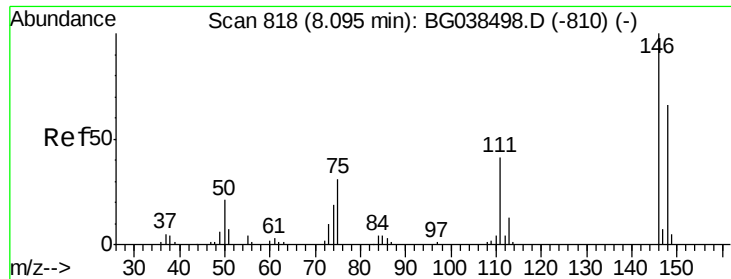
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.0

75 30.8 26.1 39.1

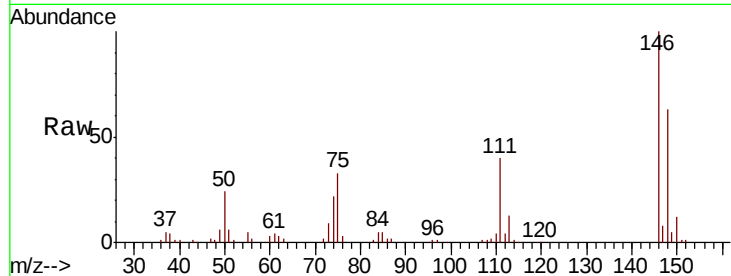




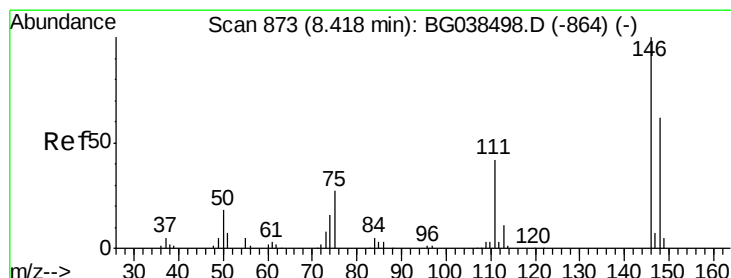
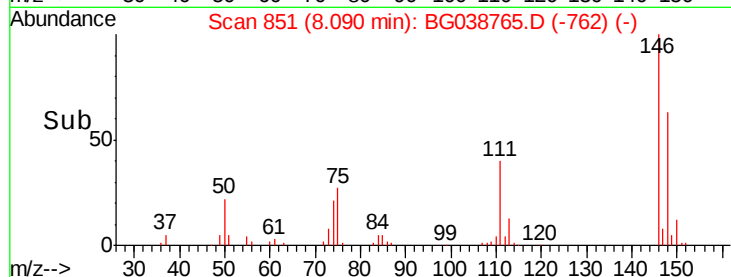
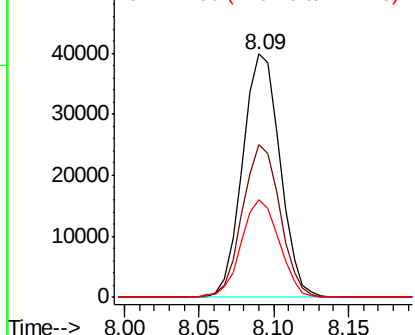
#13
 1,4-Dichlorobenzene
 Concen: 37.924 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleID :
 PB115871BS

Tgt Ion:146 Resp: 69273
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.4 78.6
 111 40.0 33.0 49.4

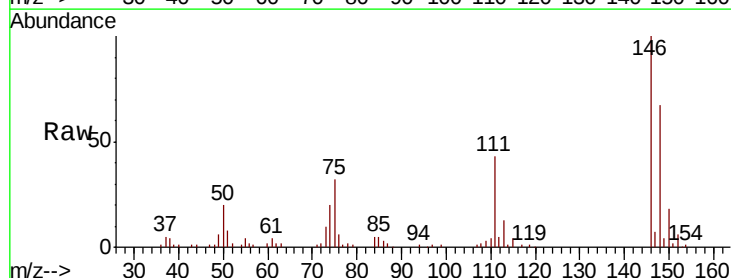


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

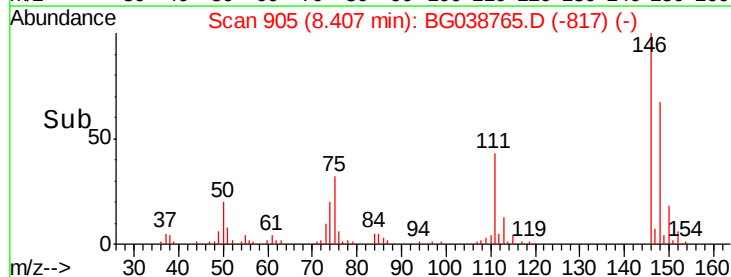
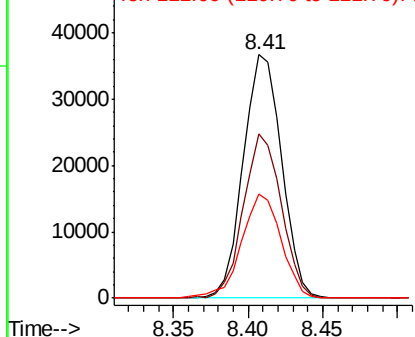


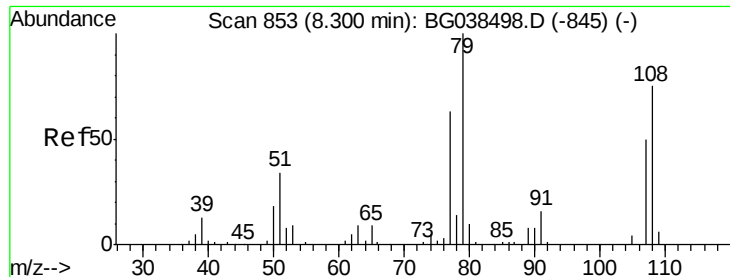
#14
 1,2-Dichlorobenzene
 Concen: 37.910 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:146 Resp: 65282
 Ion Ratio Lower Upper
 146 100
 148 67.2 49.4 74.0
 111 42.8 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: 41.366 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

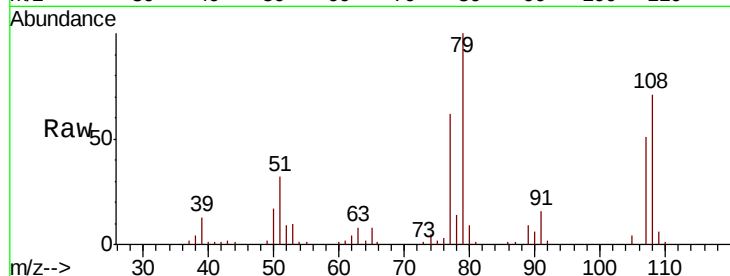
Tgt Ion: 79 Resp: 57776

Ion Ratio Lower Upper

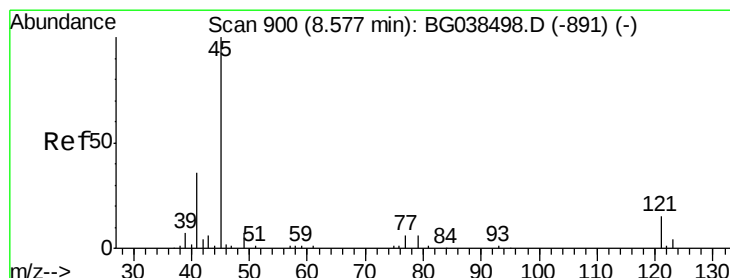
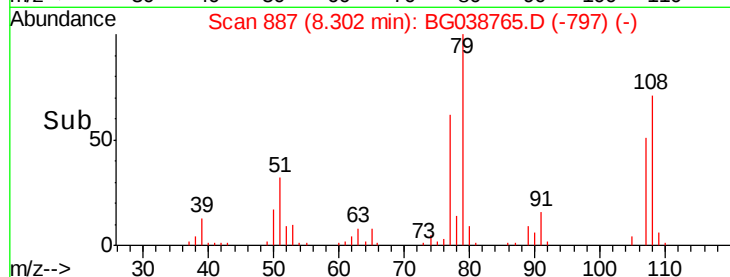
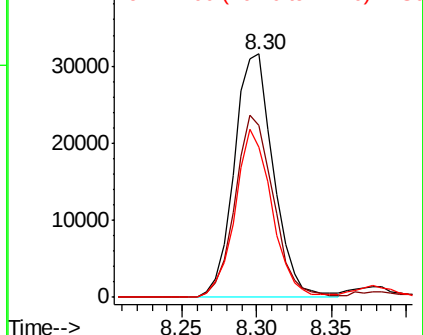
79 100

108 70.6 60.2 90.4

77 61.5 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: 33.214 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

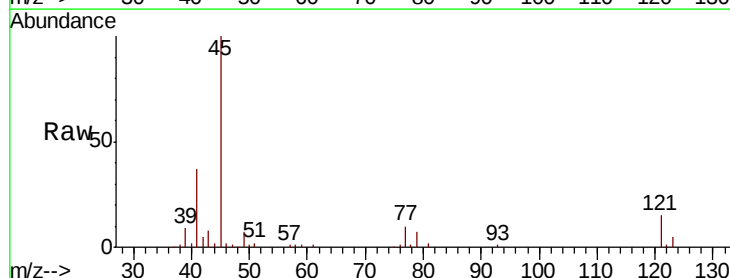
Tgt Ion: 45 Resp: 115159

Ion Ratio Lower Upper

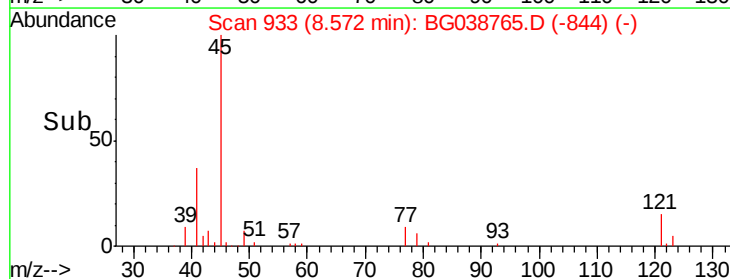
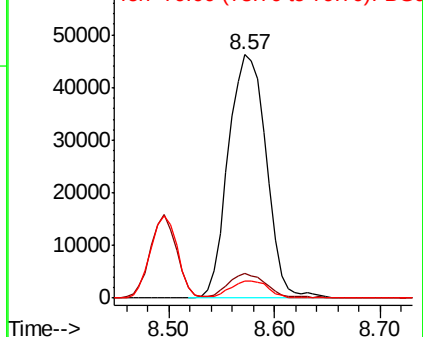
45 100

77 10.1 0.0 28.2

79 6.8 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

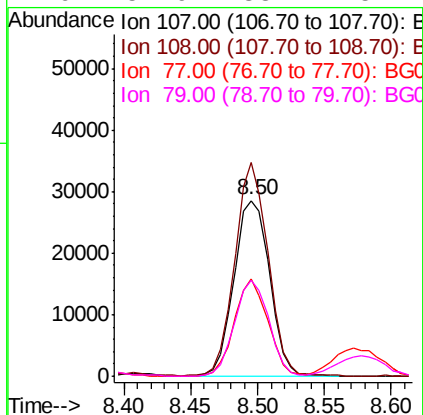
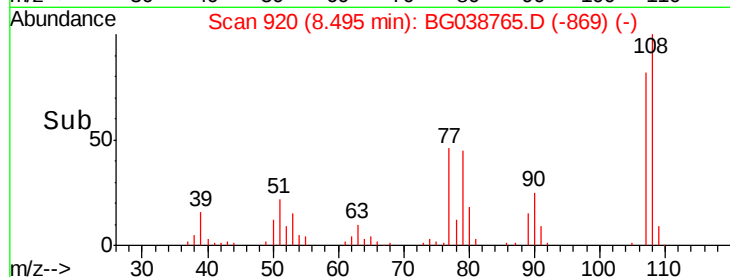
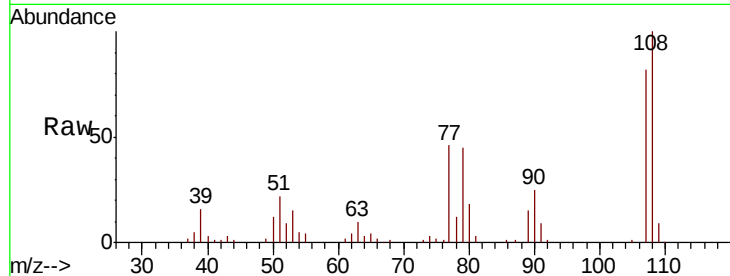




#17
2-Methylphenol
Concen: 41.372 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

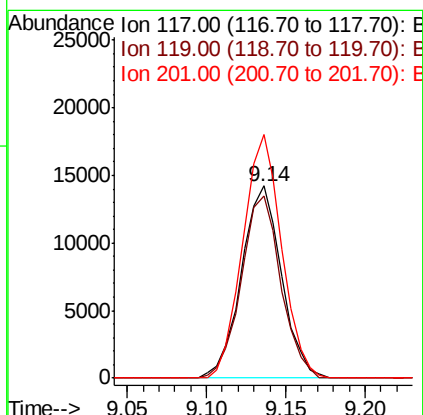
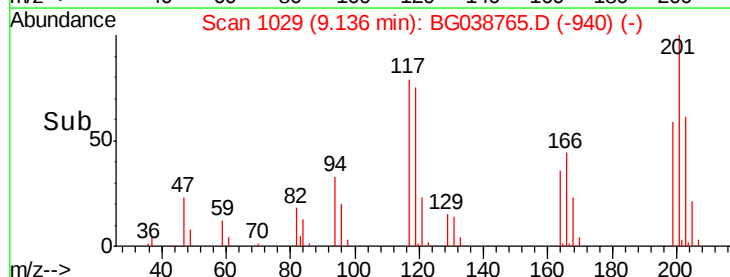
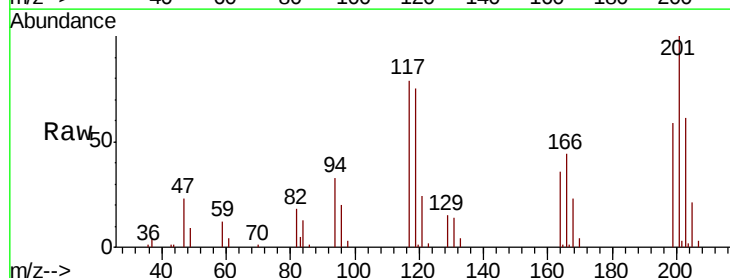
Instrument :
BNA_G
ClientSampleId :
PB115871BS

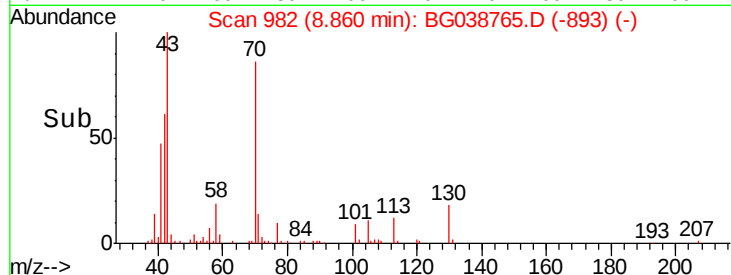
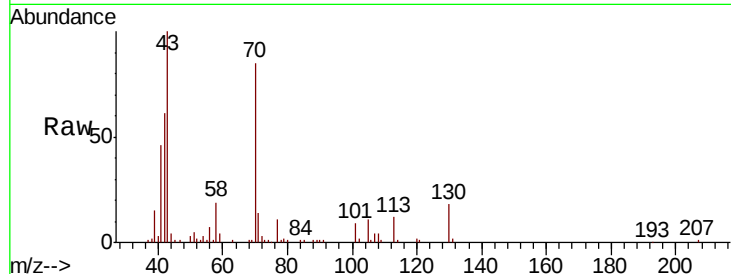
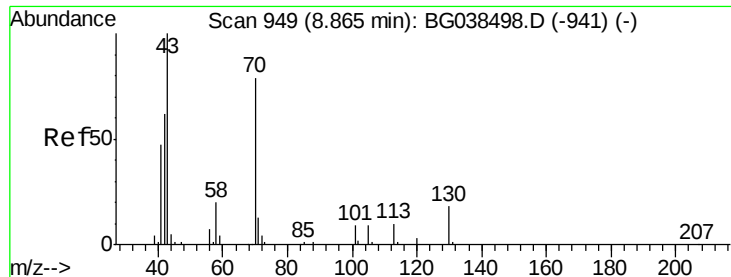
Tgt Ion:107 Resp: 52695
Ion Ratio Lower Upper
107 100
108 121.4 87.1 130.7
77 55.5 42.0 63.0
79 54.9 38.2 57.2



#18
Hexachloroethane
Concen: 37.371 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:117 Resp: 24944
Ion Ratio Lower Upper
117 100
119 94.8 73.8 110.8
201 130.9 89.4 134.0

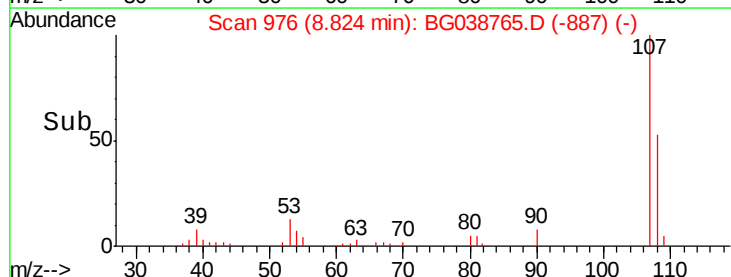
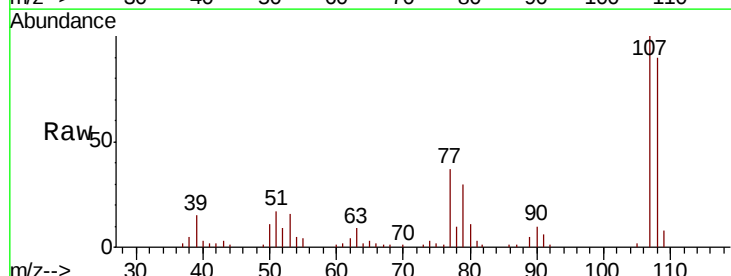
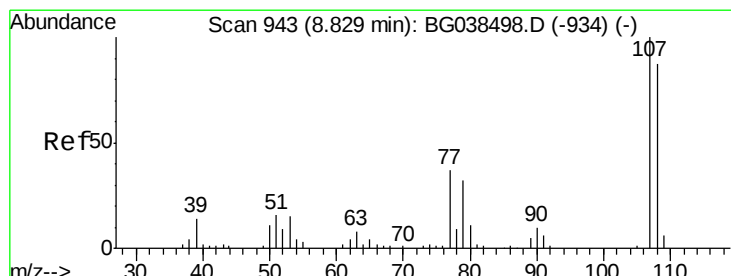
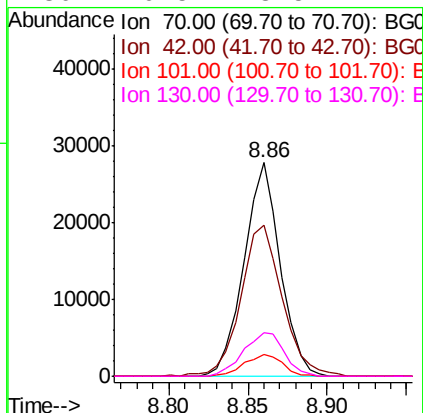




#19
n-Nitroso-di-n-propylamine
Concen: 35.137 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

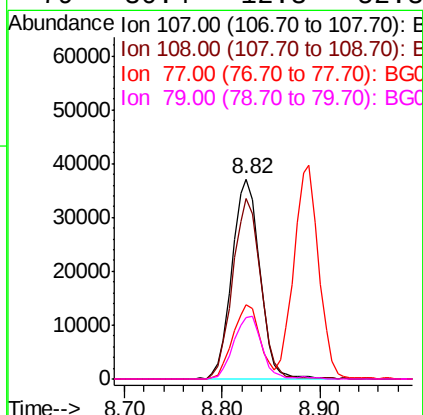
Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tgt Ion:	70	Resp:	44160
Ion	Ratio	Lower	Upper
70	100		
42	70.8	63.6	95.4
101	10.4	9.2	13.8
130	20.5	18.5	27.7



#20
3+4-Methylphenols
Concen: 42.018 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:	107	Resp:	73911
Ion	Ratio	Lower	Upper
107	100		
108	89.9	66.7	106.7
77	36.9	17.3	57.3
79	30.4	12.3	52.3

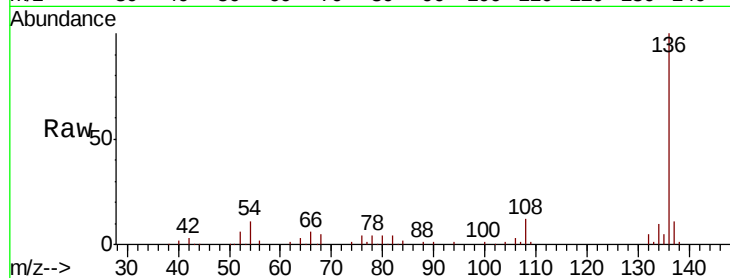




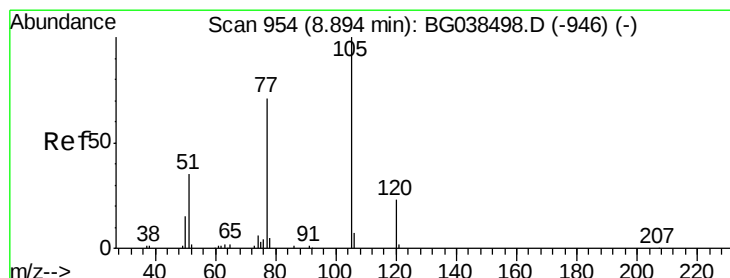
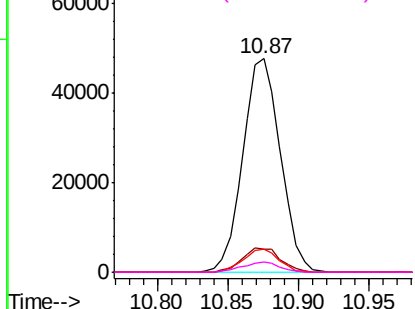
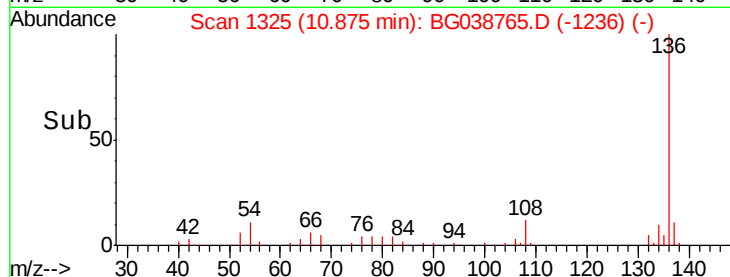
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tgt Ion:	136	Resp:	88702
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	11.1	8.5	12.7
68	5.1	3.5	5.3

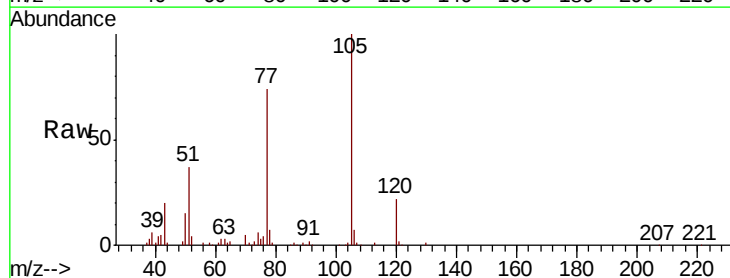


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

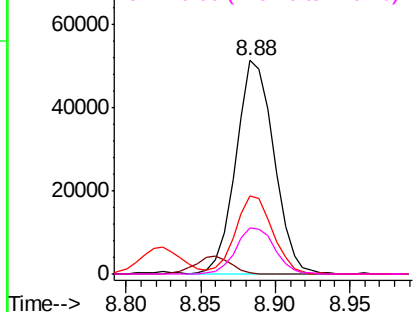
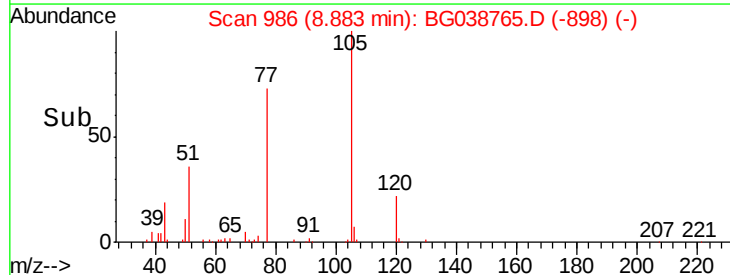


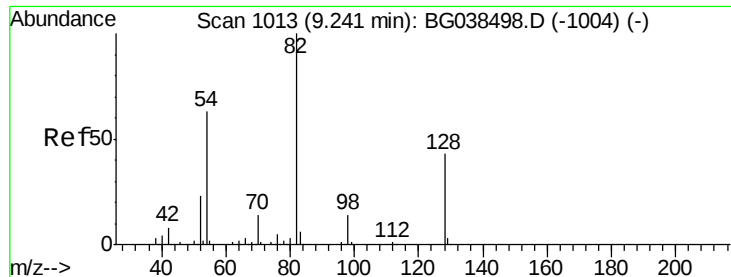
#22
Acetophenone
Concen: 40.995 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:	105	Resp:	90828
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.4	0.6#
51	36.8	30.6	46.0
120	21.7	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

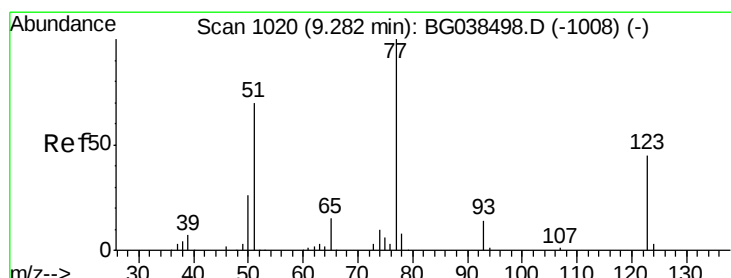
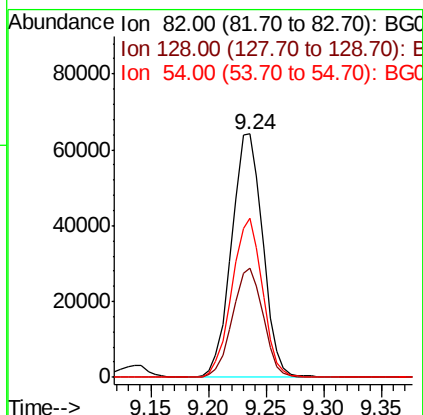
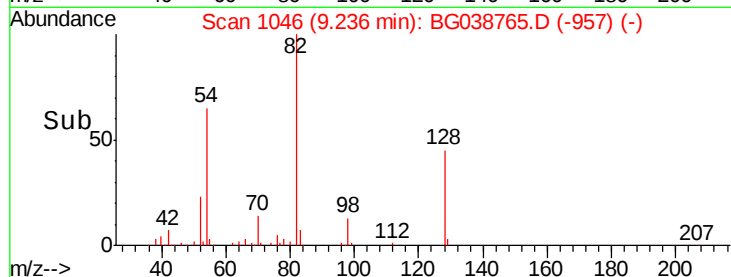
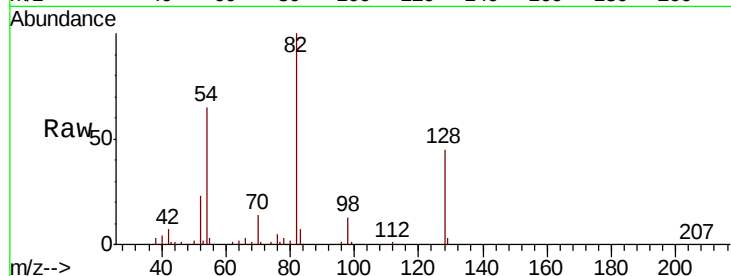




#23
 Nitrobenzene-d5
 Concen: 69.310 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

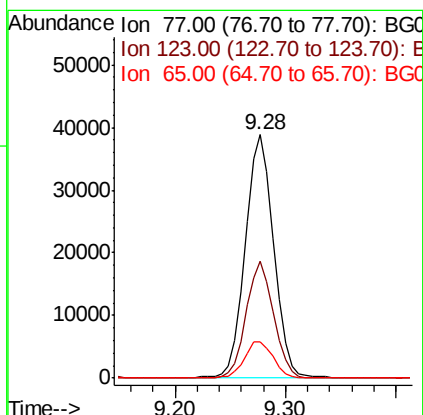
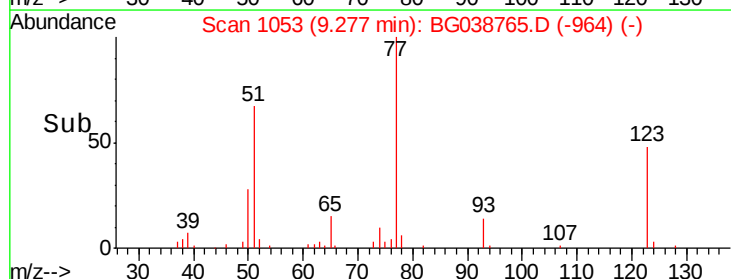
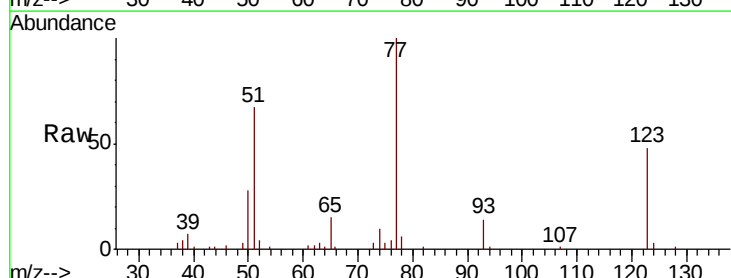
Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

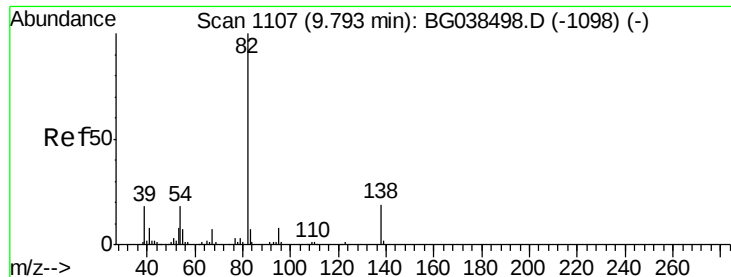
Tgt Ion: 82 Resp: 120342
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 52.0
 54 65.3 50.6 76.0



#24
 Nitrobenzene
 Concen: 39.966 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion: 77 Resp: 70200
 Ion Ratio Lower Upper
 77 100
 123 48.1 35.9 53.9
 65 15.0 12.0 18.0

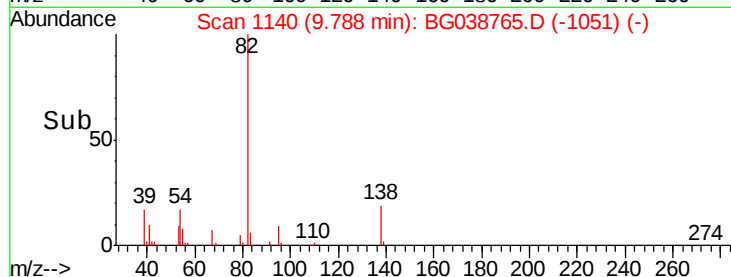
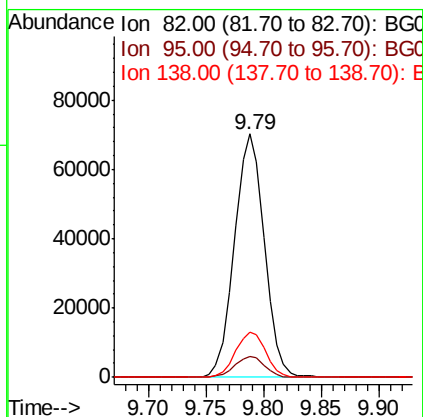
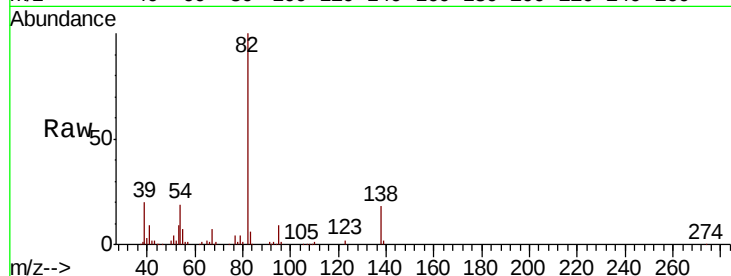




#25
Isophorone
Concen: 40.269 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

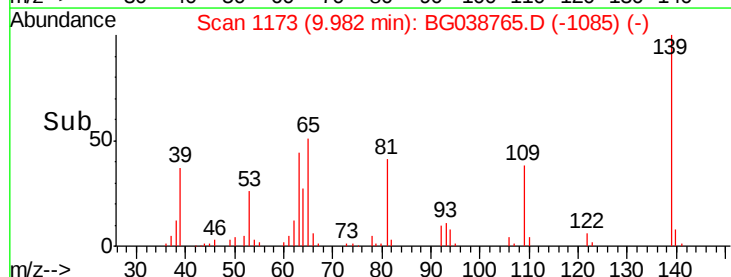
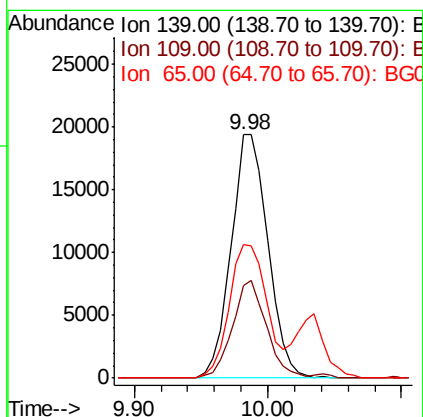
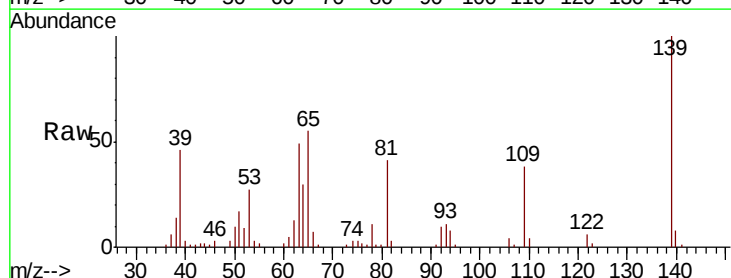
Instrument :
BNA_G
ClientSampleId :
PB115871BS

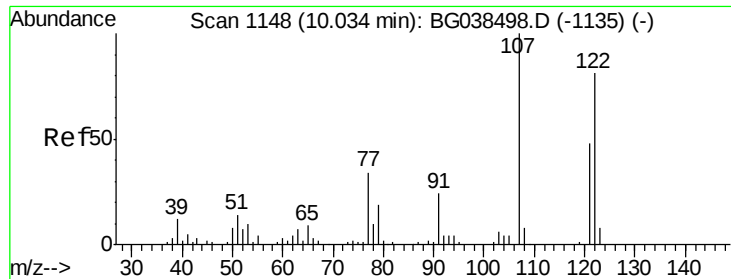
Tgt Ion: 82 Resp: 125623
Ion Ratio Lower Upper
82 100
95 8.5 6.1 9.1
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 41.157 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion: 139 Resp: 37000
Ion Ratio Lower Upper
139 100
109 37.9 29.5 44.3
65 55.0 48.5 72.7

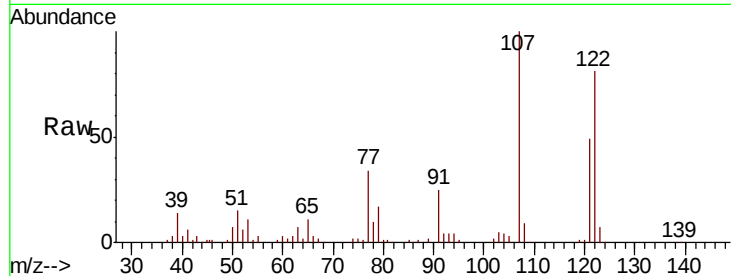




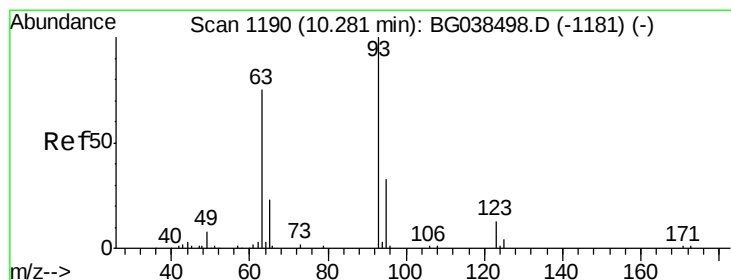
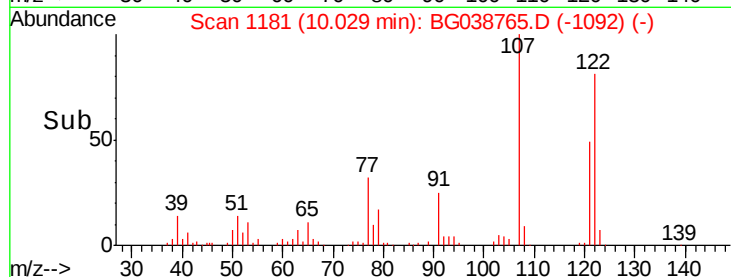
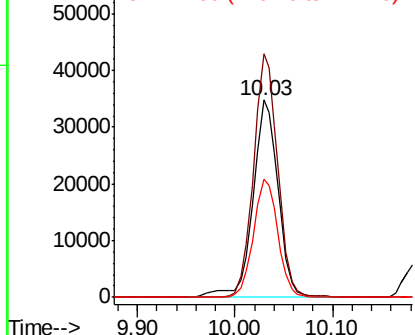
#27
2,4-Dimethylphenol
Concen: 48.907 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tgt Ion:122 Resp: 63013
Ion Ratio Lower Upper
122 100
107 123.6 98.4 147.6
121 60.0 47.2 70.8

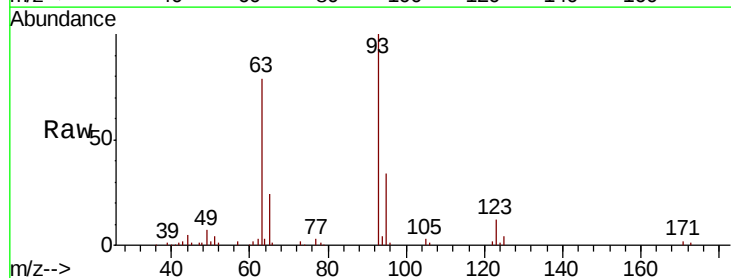


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

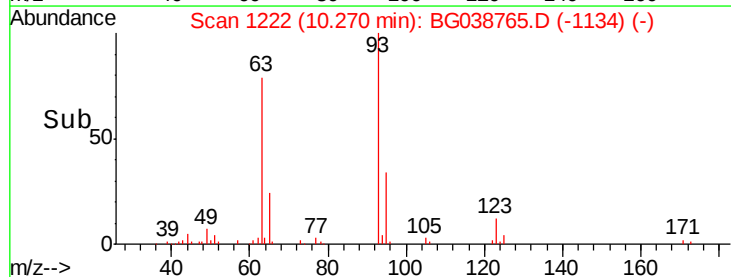
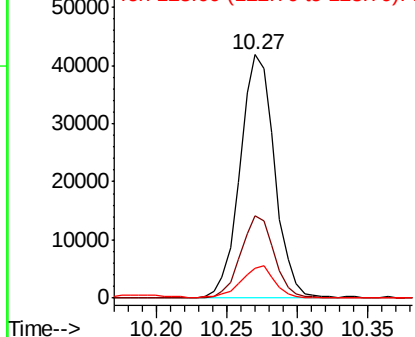


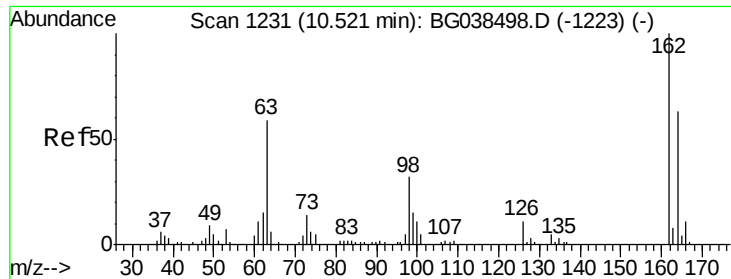
#28
bis(2-Chloroethoxy)methane
Concen: 40.678 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion: 93 Resp: 71614
Ion Ratio Lower Upper
93 100
95 33.7 26.6 40.0
123 12.5 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

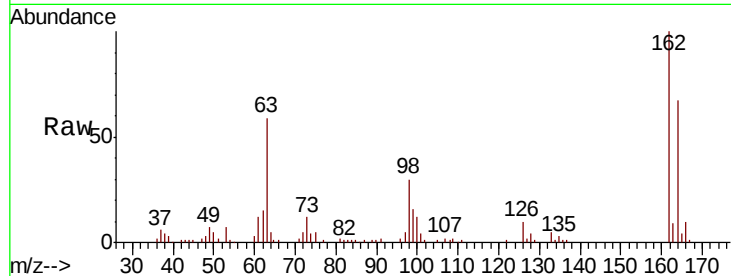




#29
 2,4-Dichlorophenol
 Concen: 48.861 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	42.9	82.9
98	29.6	12.1	52.1

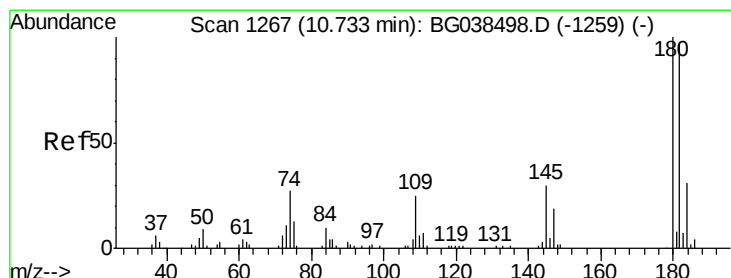
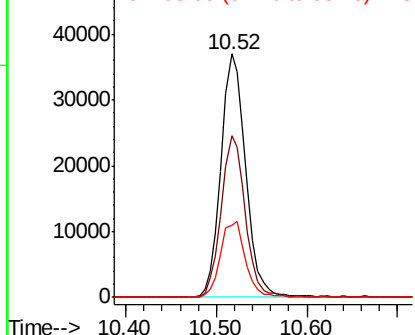
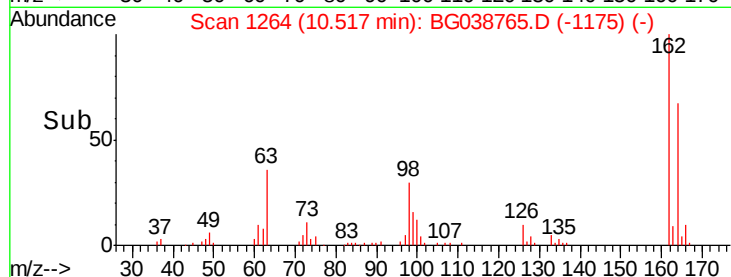


Abundance

Ion 162.00 (161.70 to 162.70): E

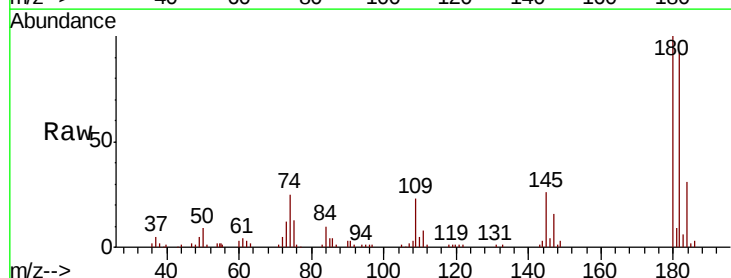
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.574 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	77.4	116.0
145	26.2	24.1	36.1

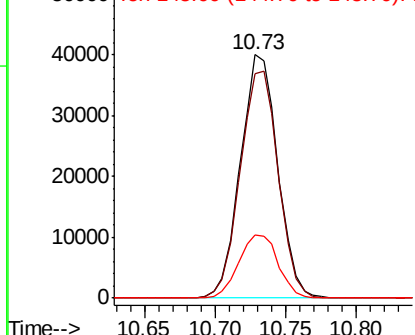
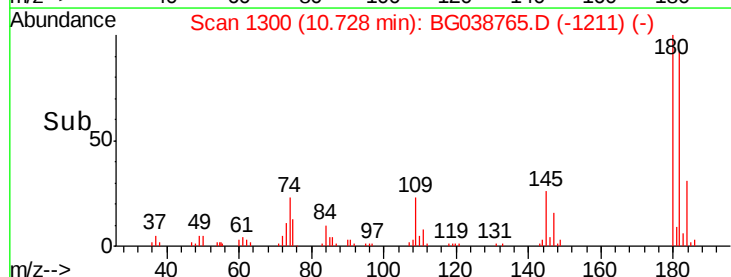


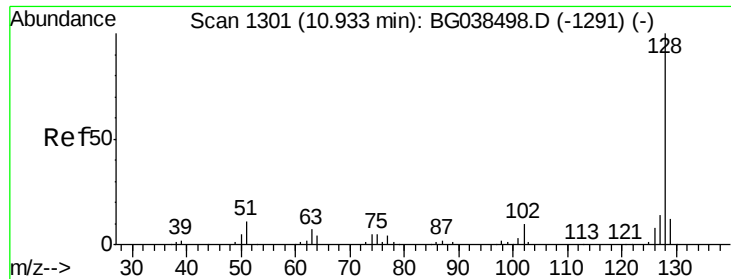
Abundance

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

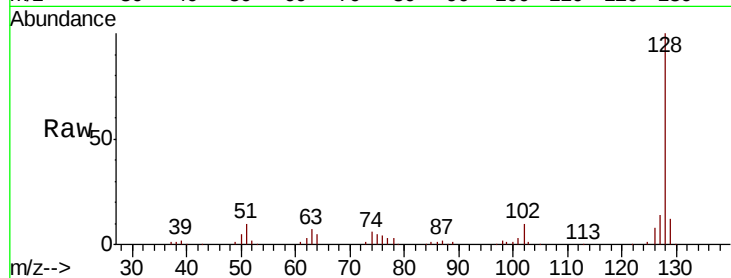




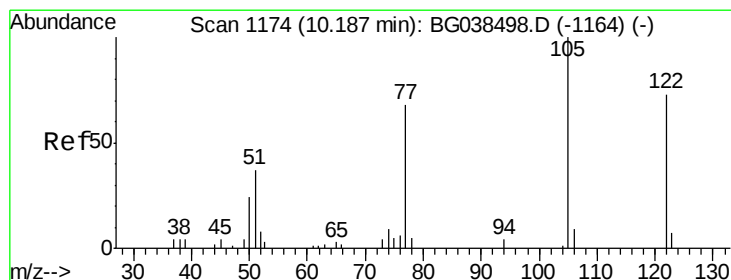
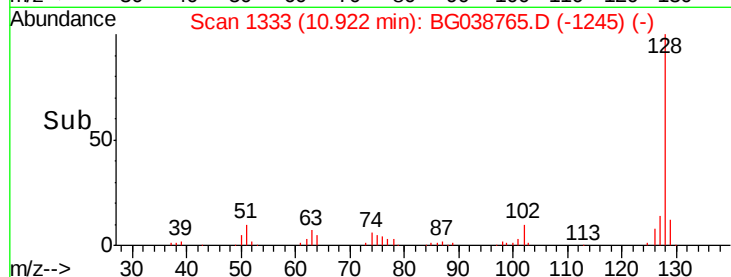
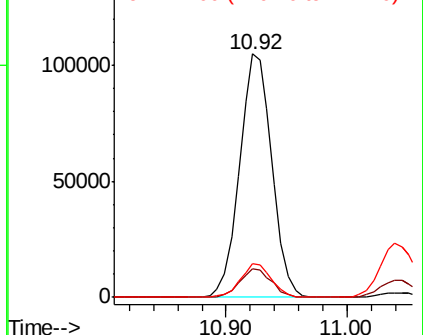
#31
Naphthalene
Concen: 44.482 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tgt Ion:128 Resp: 194406
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.8 10.9 16.3

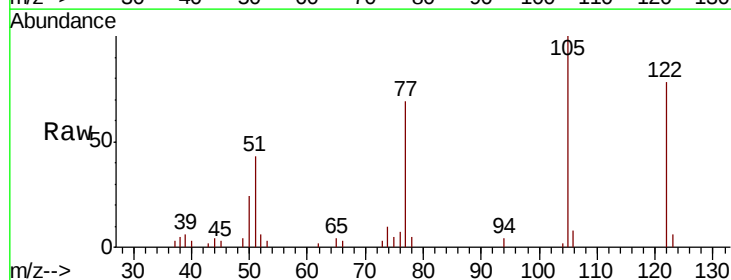


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

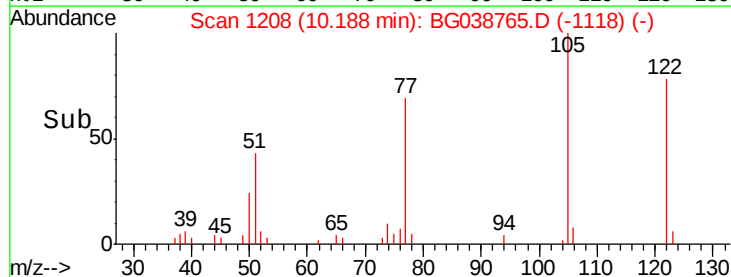
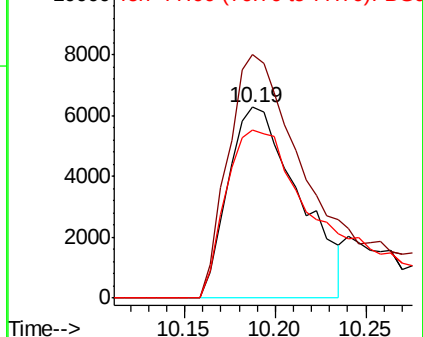


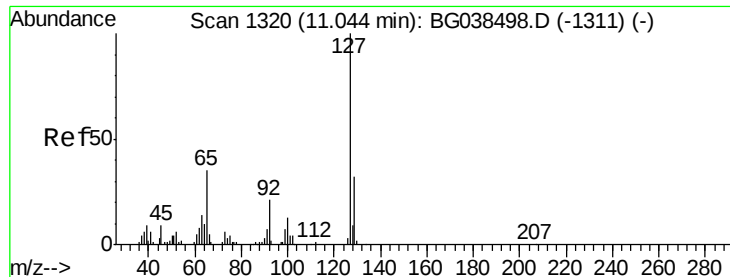
#32
Benzoic acid
Concen: 26.547 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:122 Resp: 17009
Ion Ratio Lower Upper
122 100
105 127.7 116.7 156.7
77 88.2 72.5 112.5



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

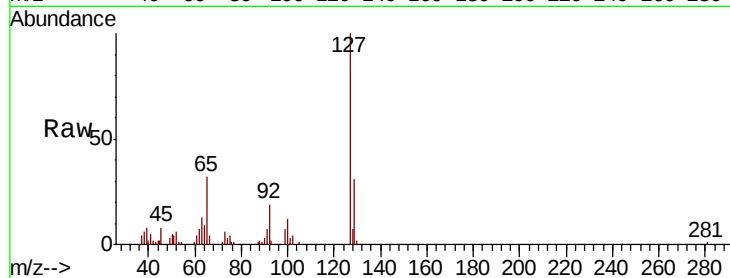




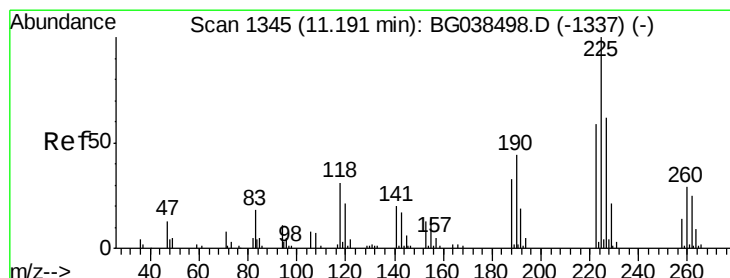
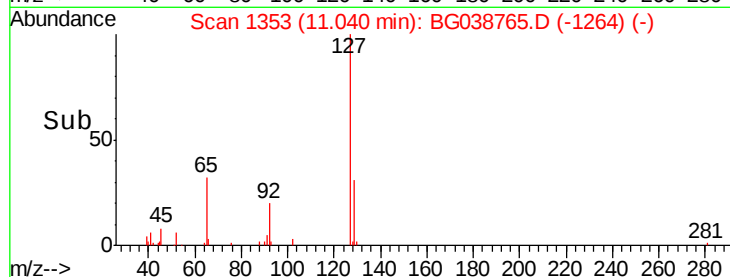
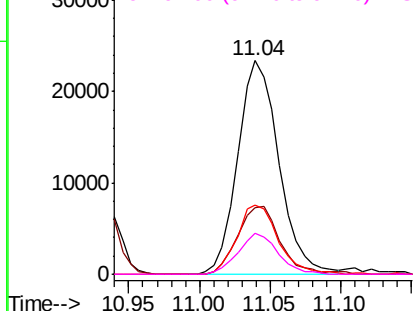
#33
4-Chloroaniline
Concen: 25.221 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tgt Ion:	127	Resp:	47855
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	32.2	27.8	41.6
92	19.0	17.0	25.6

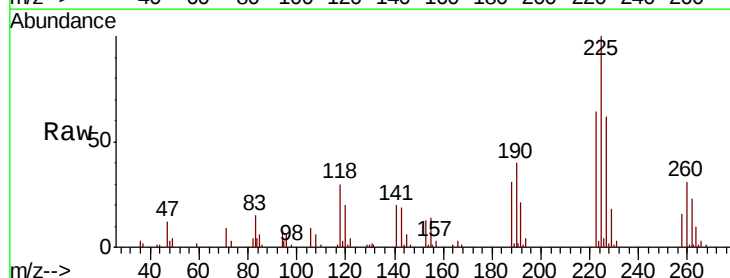


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

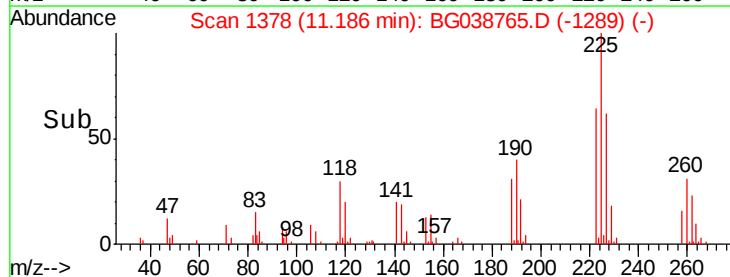
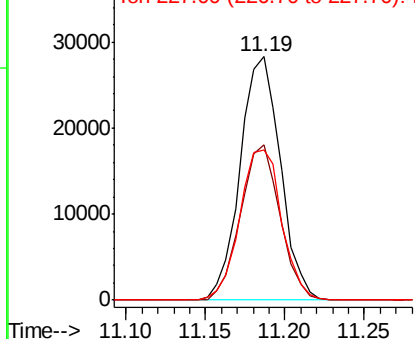


#34
Hexachlorobutadiene
Concen: 42.530 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:	225	Resp:	49824
Ion	Ratio	Lower	Upper
225	100		
223	64.2	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: 39.828 ng

RT: 11.83 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

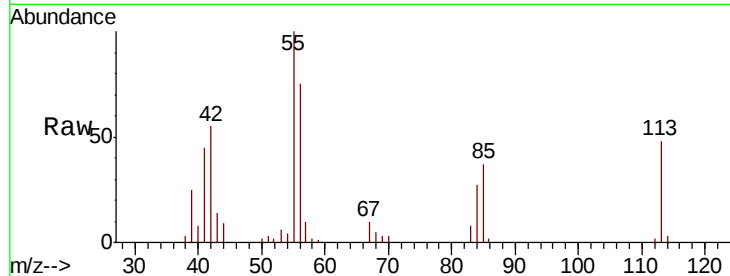
Tgt Ion:113 Resp: 23625

Ion Ratio Lower Upper

113 100

55 206.4 204.3 244.3

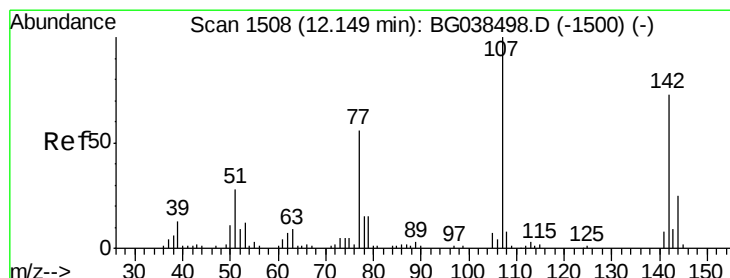
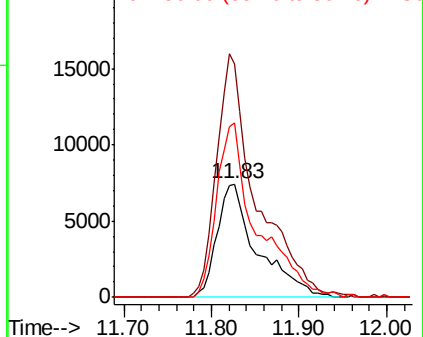
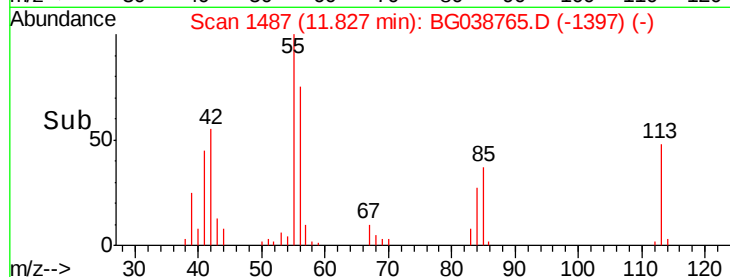
56 154.8 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.603 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

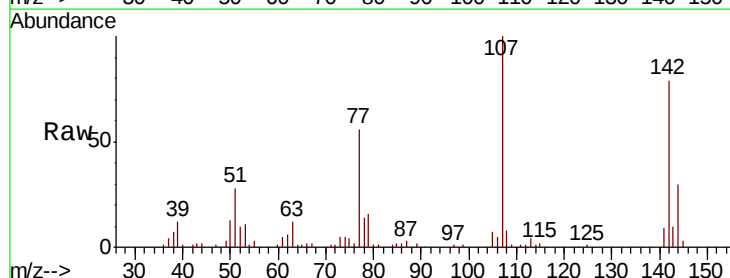
Tgt Ion:107 Resp: 71321

Ion Ratio Lower Upper

107 100

144 29.8 20.1 30.1

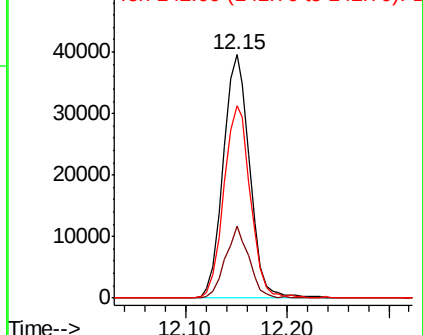
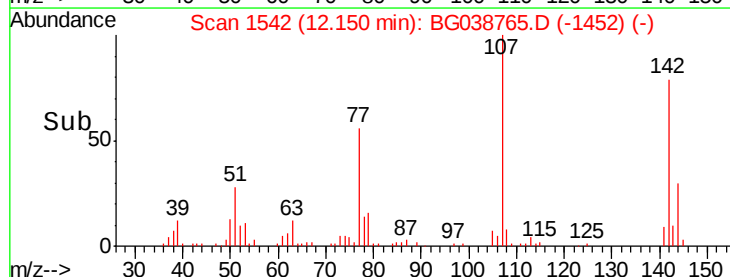
142 78.8 58.7 88.1

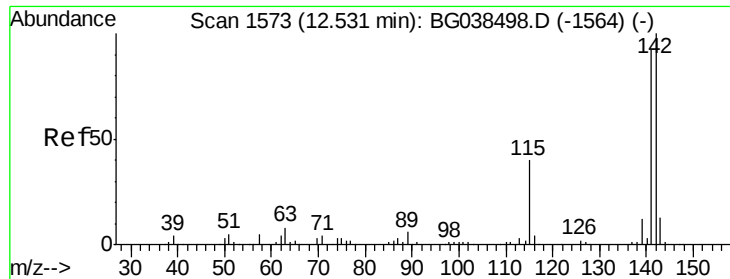


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

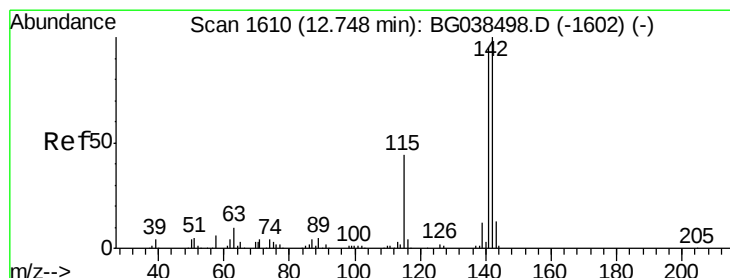
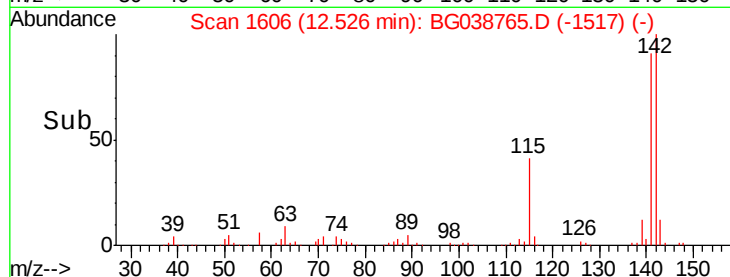
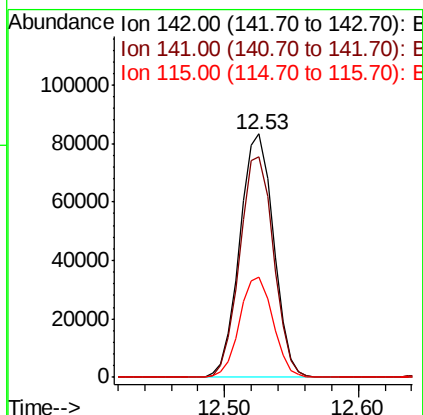
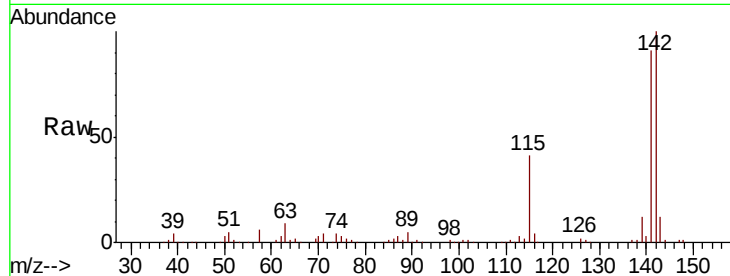




#37
 2-Methylnaphthalene
 Concen: 46.869 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

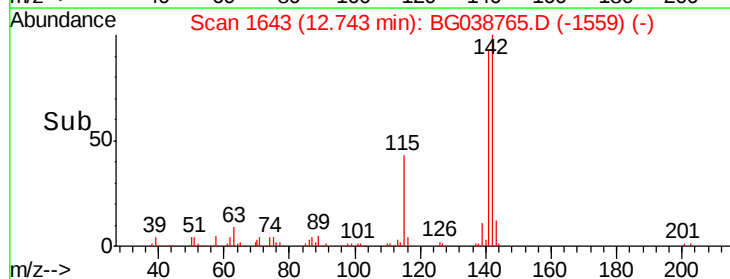
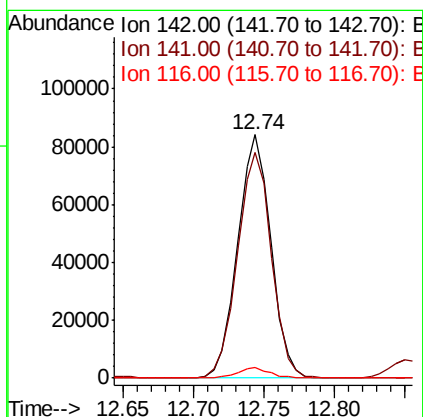
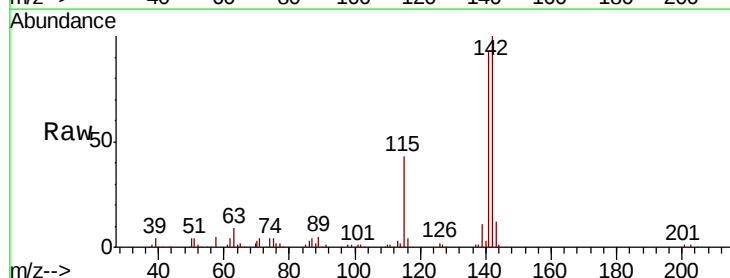
Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion:142 Resp: 146134
 Ion Ratio Lower Upper
 142 100
 141 90.6 73.5 110.3
 115 41.3 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 45.700 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:142 Resp: 138267
 Ion Ratio Lower Upper
 142 100
 141 92.8 75.8 113.8
 116 4.2 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

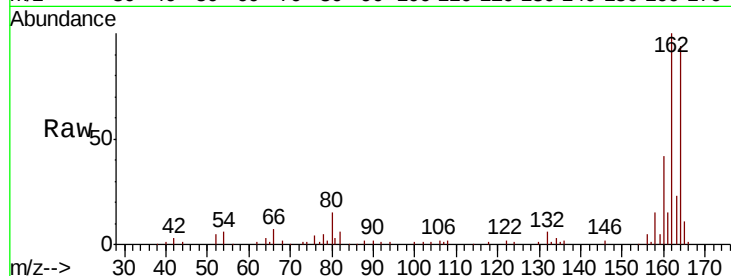
Tgt Ion:164 Resp: 60579

Ion Ratio Lower Upper

164 100

162 106.0 86.6 130.0

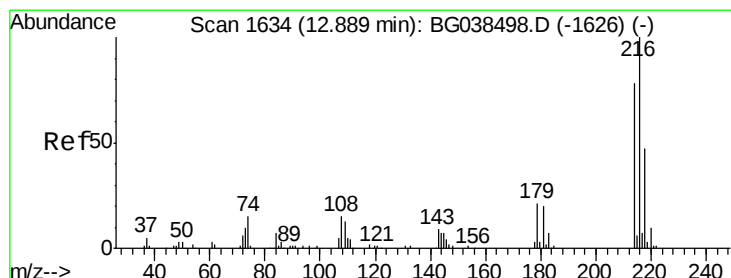
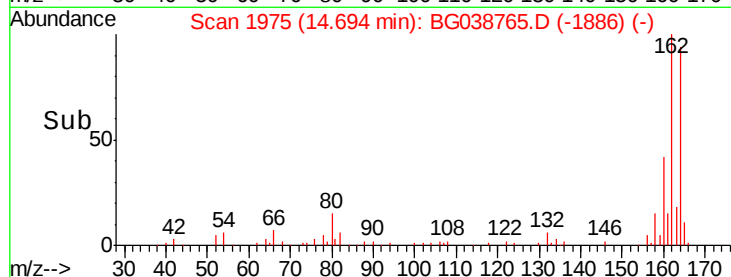
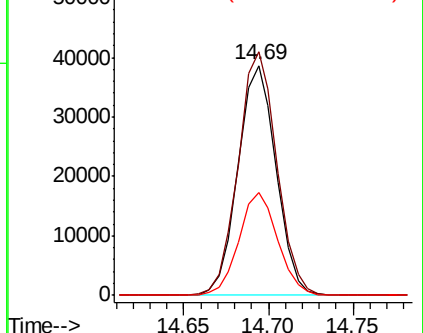
160 44.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.258 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion:216 Resp: 91162

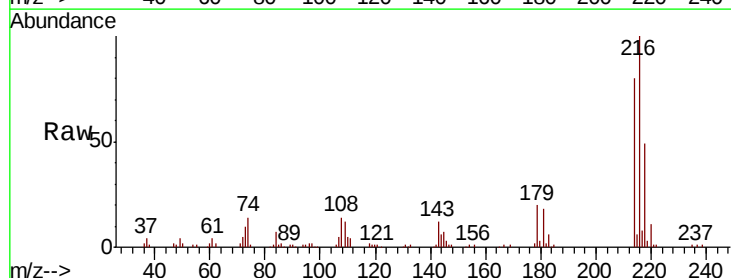
Ion Ratio Lower Upper

216 100

214 78.4 64.1 96.1

179 19.4 16.4 24.6

108 17.0 13.9 20.9

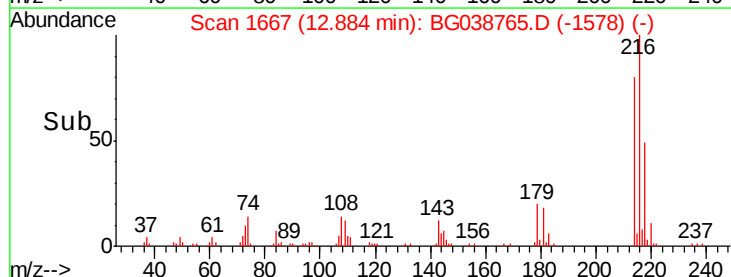
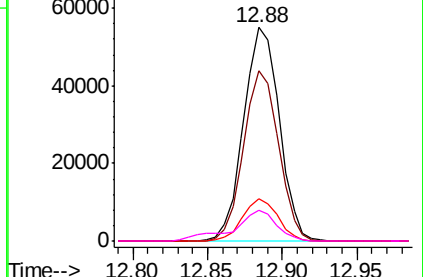


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.625 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

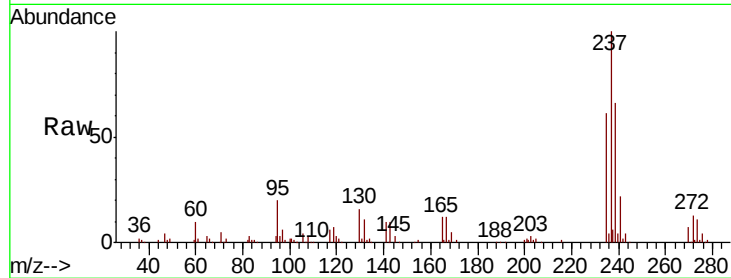
Tgt Ion:237 Resp: 106523

Ion Ratio Lower Upper

237 100

235 61.4 38.8 78.8

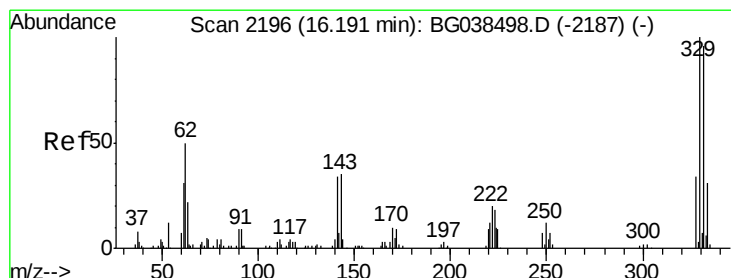
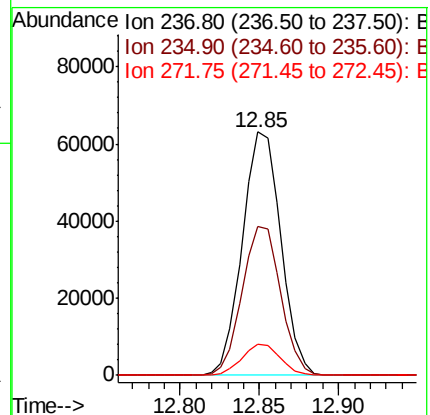
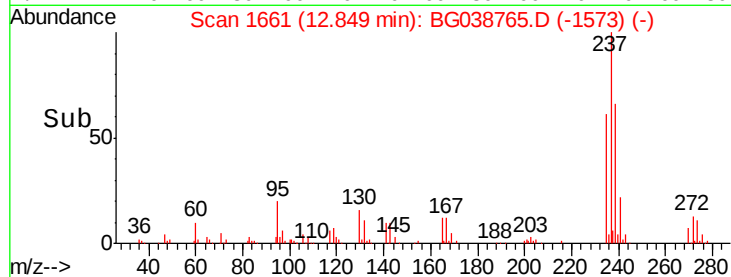
272 12.7 0.0 32.0



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: 154.496 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

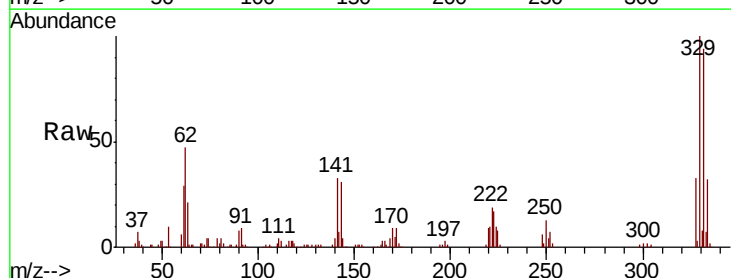
Tgt Ion:330 Resp: 128987

Ion Ratio Lower Upper

330 100

332 94.6 76.9 115.3

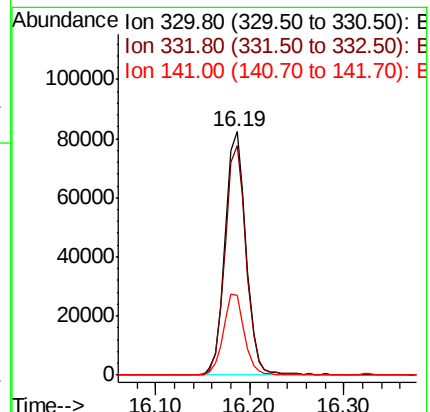
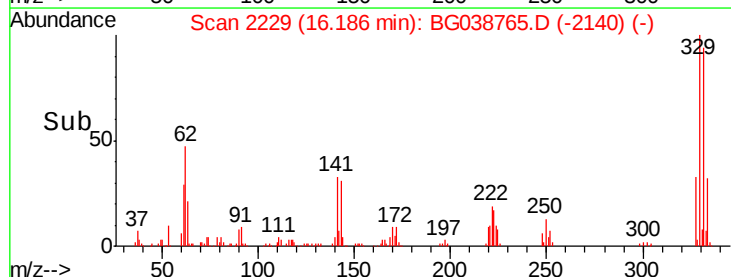
141 33.1 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

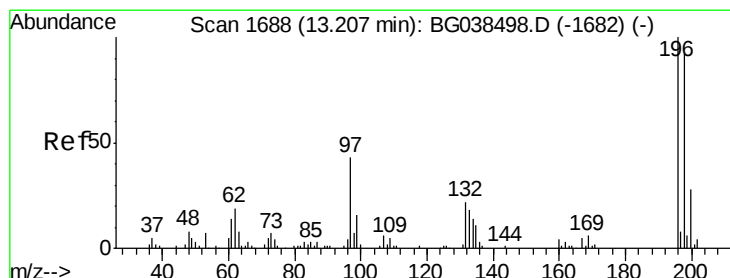
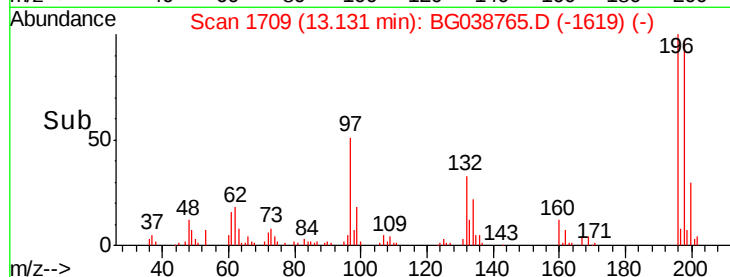
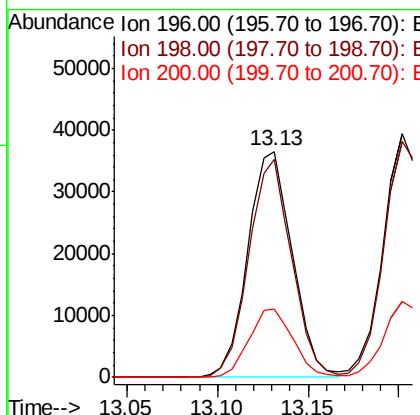
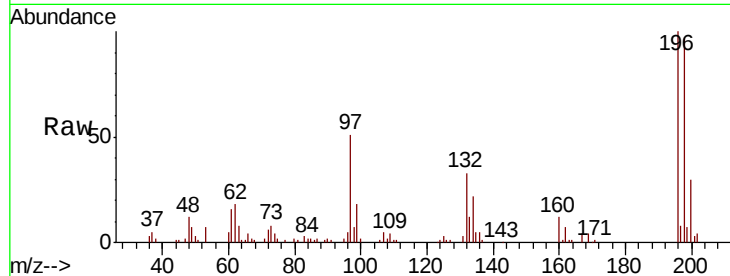




#43
 2,4,6-Trichlorophenol
 Concen: 44.653 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

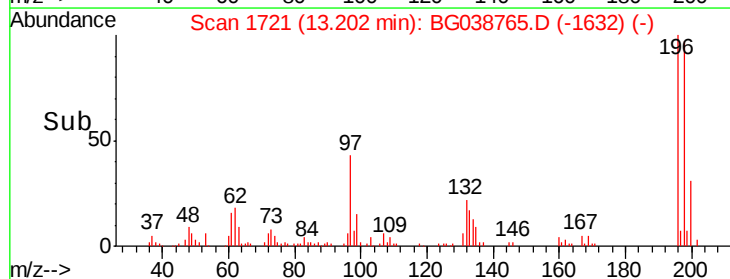
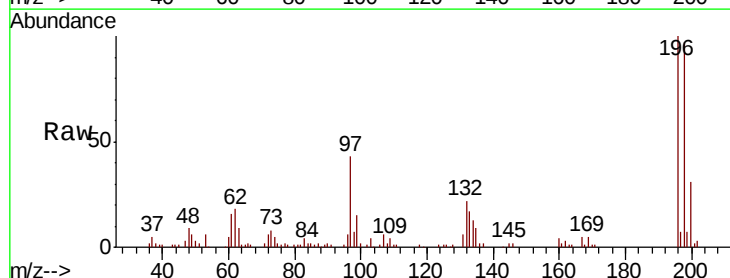
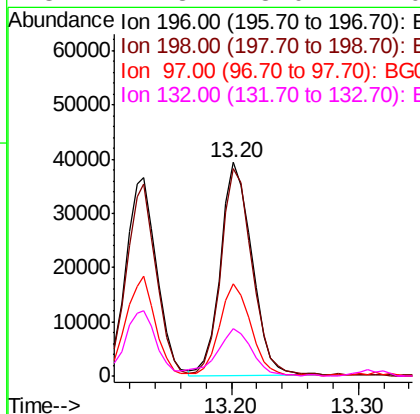
Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

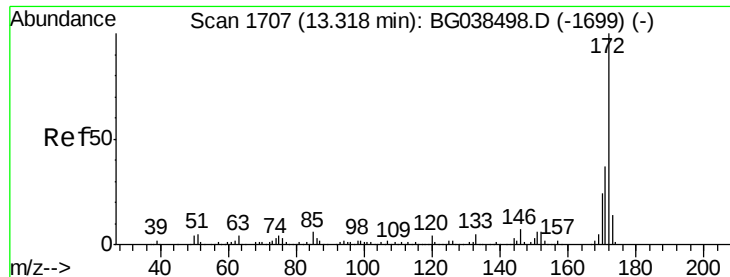
Tgt Ion:196 Resp: 62171
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.0 112.4
 200 30.0 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.867 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:196 Resp: 67614
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.0 111.0
 97 43.1 35.1 52.7
 132 22.3 18.0 27.0

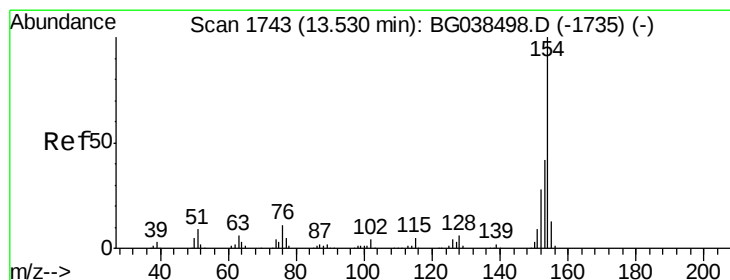
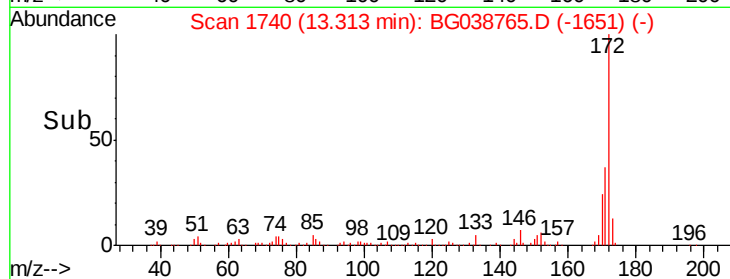
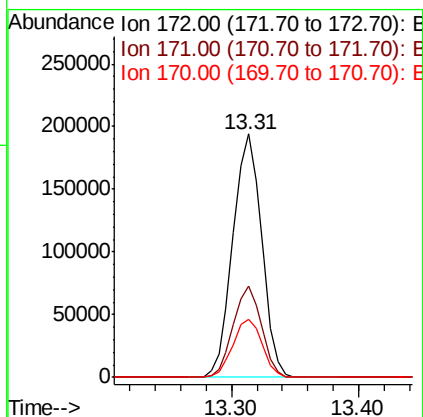
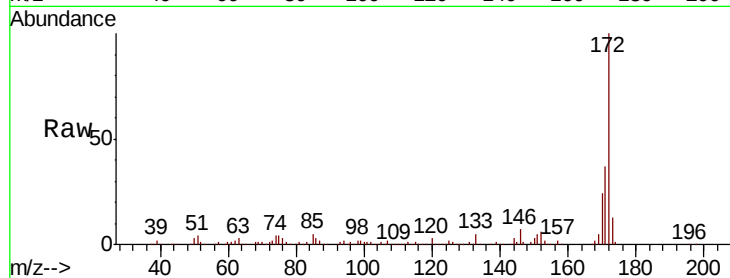




#45
 2-Fluorobiphenyl
 Concen: 69.048 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

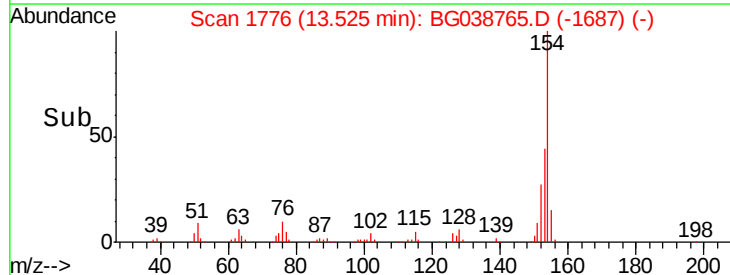
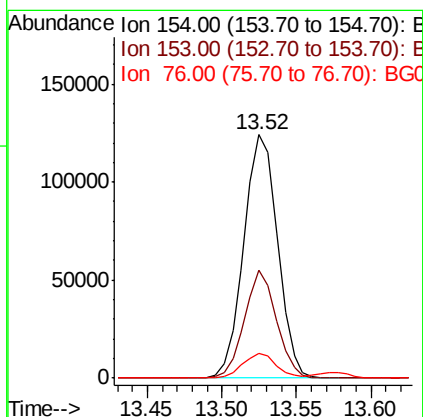
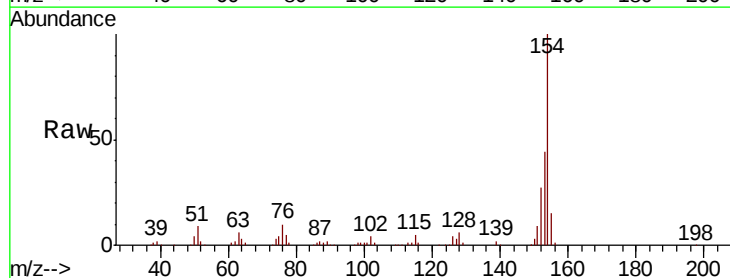
Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion:172 Resp: 304905
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 24.0 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 38.230 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:154 Resp: 194152
 Ion Ratio Lower Upper
 154 100
 153 44.3 22.1 62.1
 76 10.1 0.0 31.2

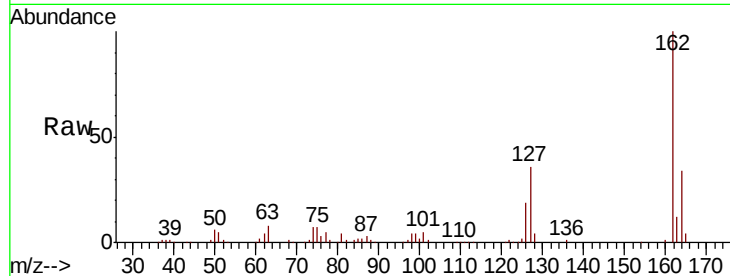




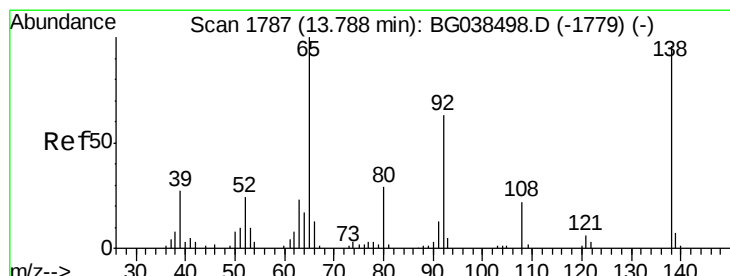
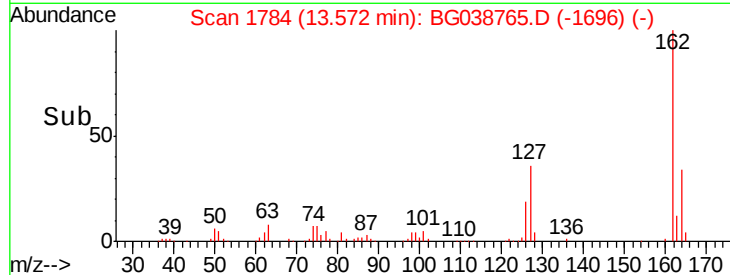
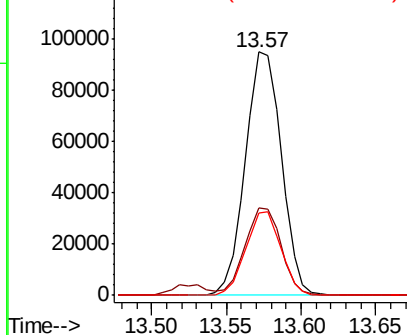
#47
 2-Chloronaphthalene
 Concen: 40.429 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion: 162 Resp: 158596
 Ion Ratio Lower Upper
 162 100
 127 36.0 27.8 41.8
 164 33.6 26.9 40.3

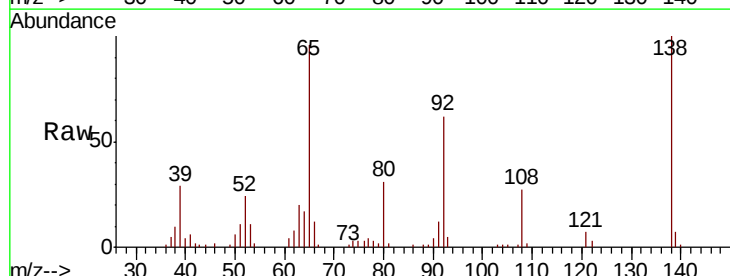


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

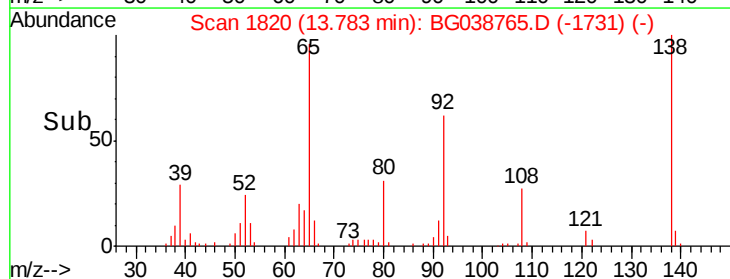
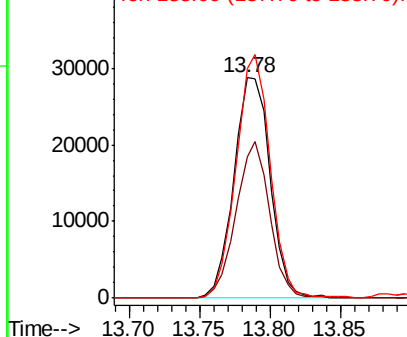


#48
 2-Nitroaniline
 Concen: 41.325 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion: 65 Resp: 51637
 Ion Ratio Lower Upper
 65 100
 92 64.3 50.0 75.0
 138 103.9 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: 44.594 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

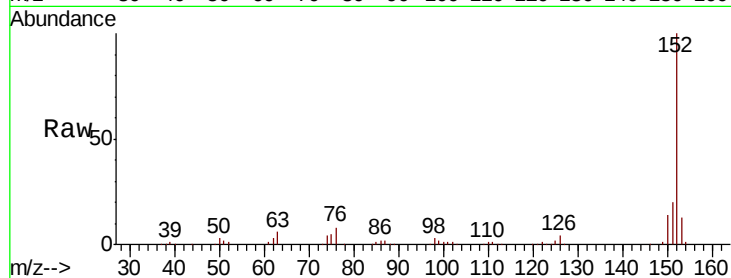
Tgt Ion:152 Resp: 261521

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

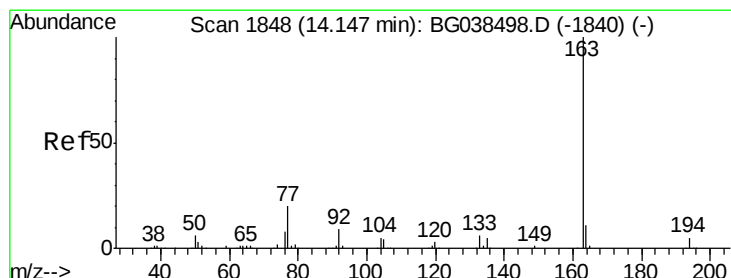
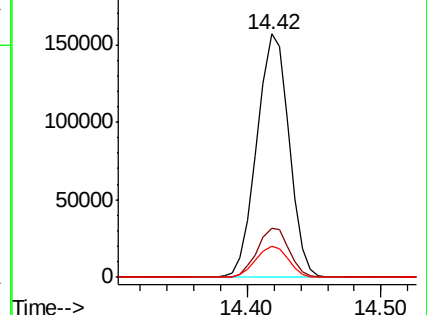
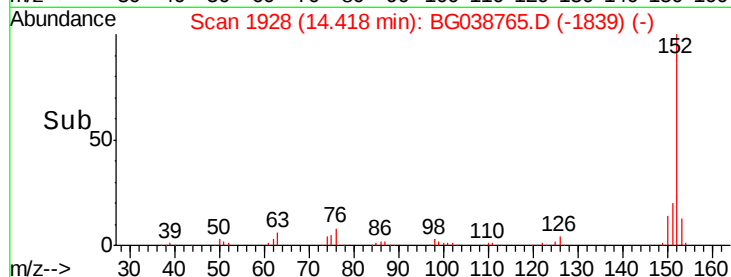
153 12.9 10.4 15.6



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: 41.614 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

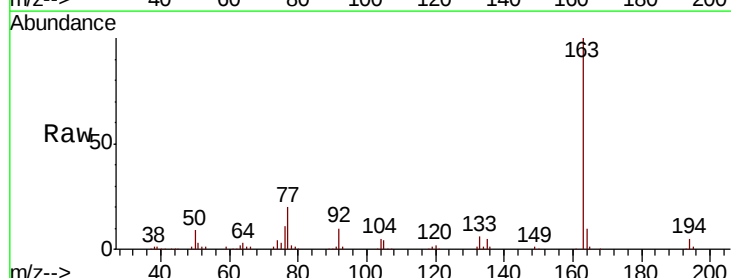
Tgt Ion:163 Resp: 205869

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

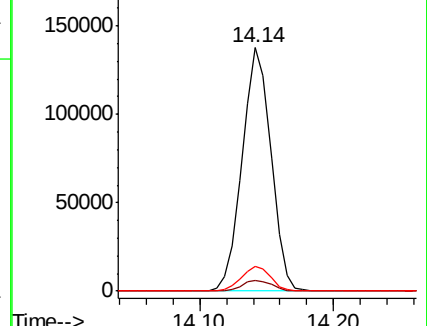
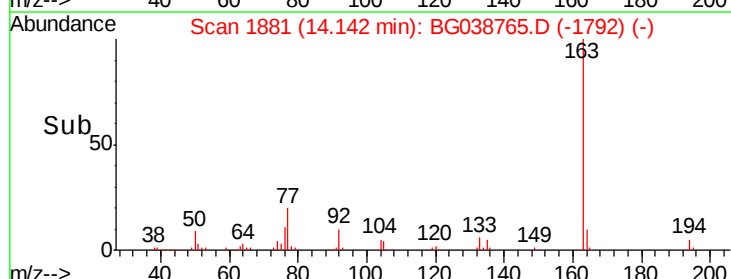
164 10.0 8.6 12.8

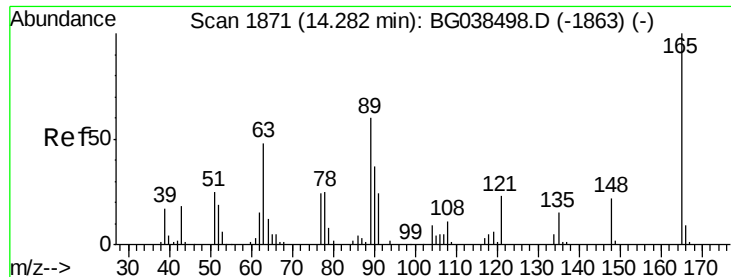


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

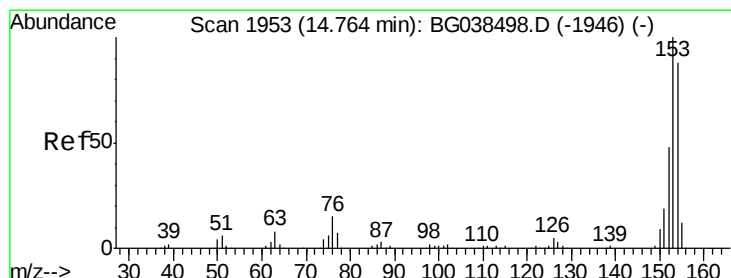
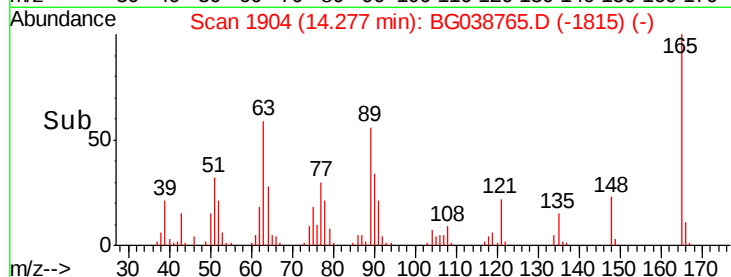
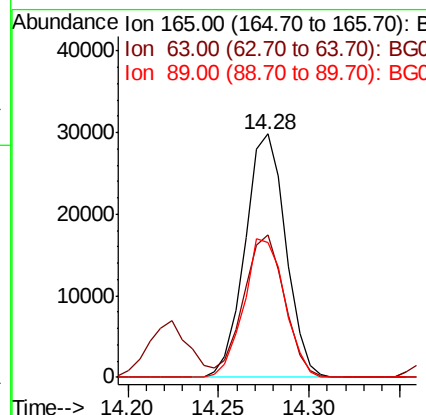
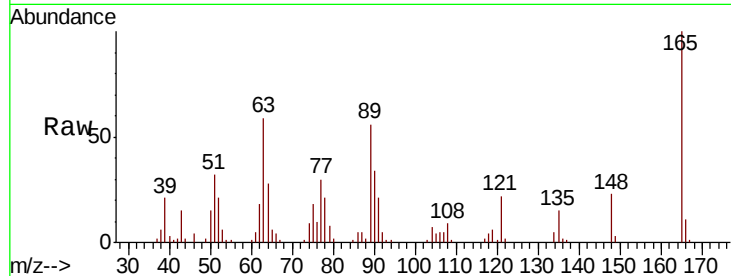




#51
 2,6-Dinitrotoluene
 Concen: 41.651 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

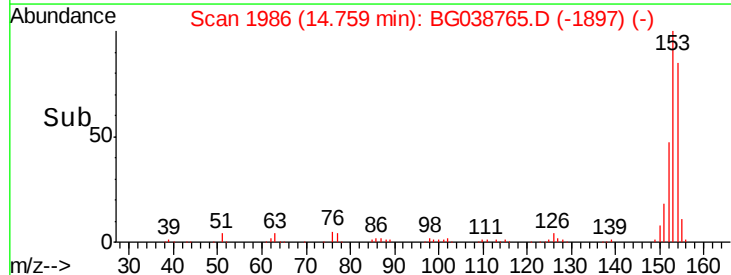
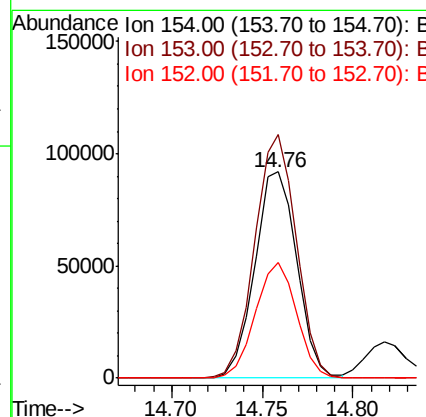
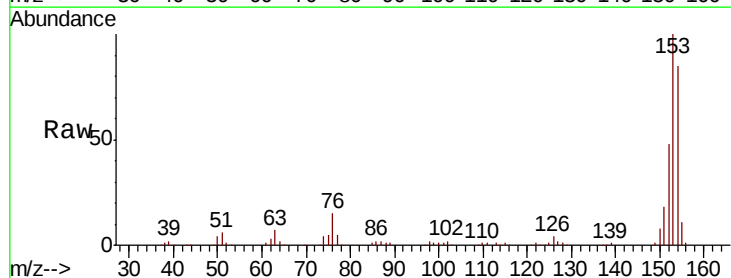
Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

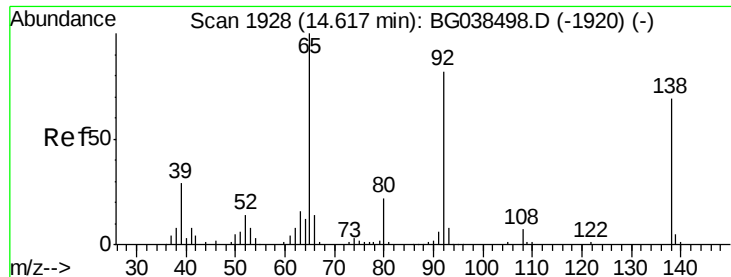
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.6	51.8	77.6
89	55.6	47.9	71.9



#52
 Acenaphthene
 Concen: 42.301 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.0	90.6	136.0
152	56.2	43.5	65.3

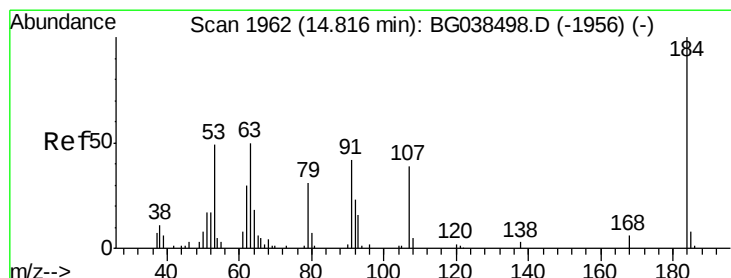
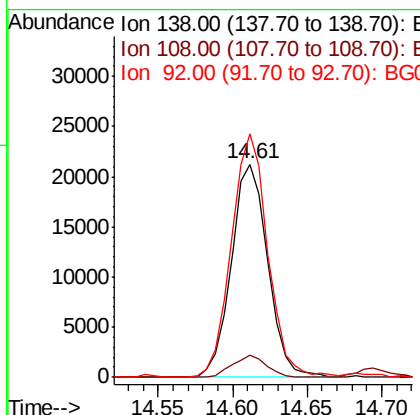
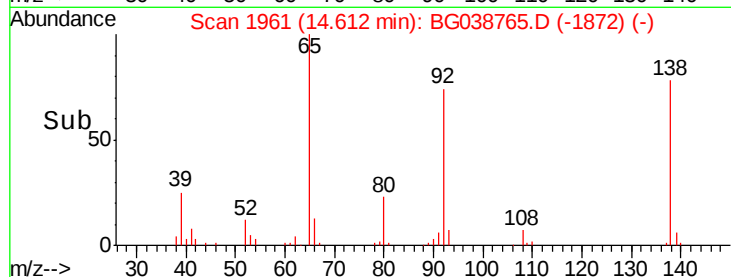
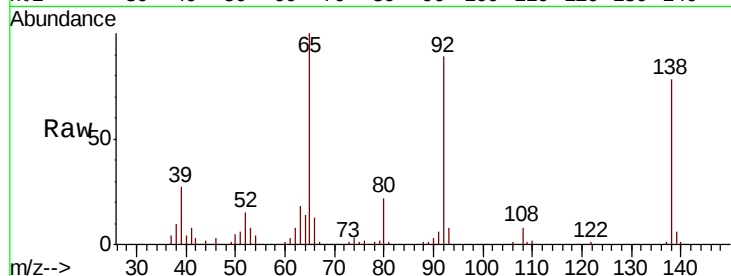




#53
 3-Nitroaniline
 Concen: 31.635 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

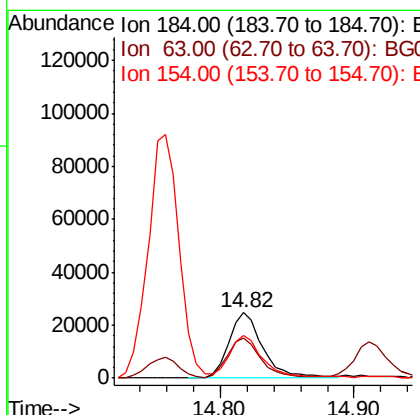
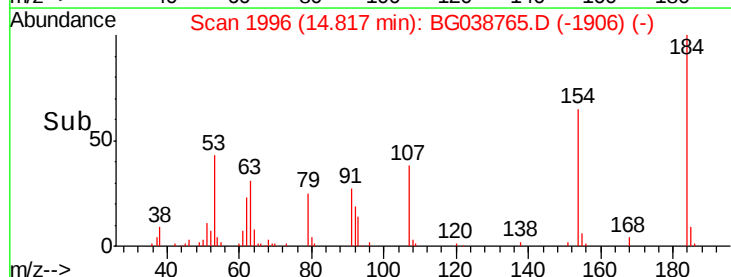
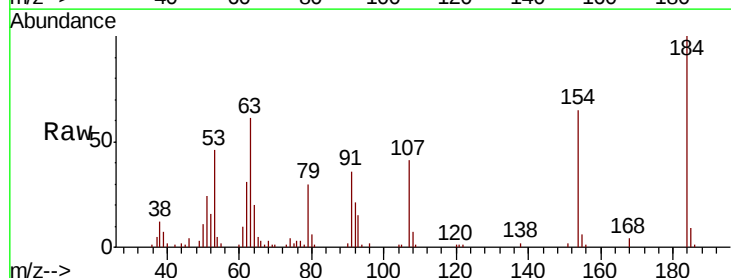
Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

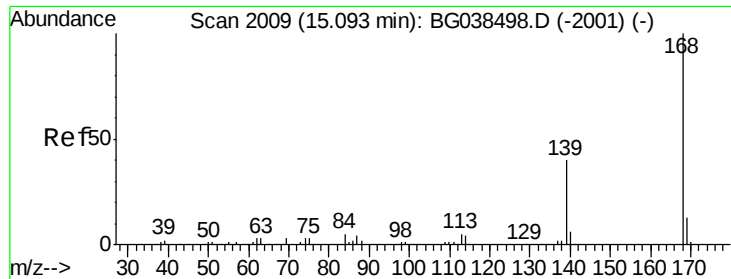
Tgt Ion:138 Resp: 36153
 Ion Ratio Lower Upper
 138 100
 108 10.2 7.9 11.9
 92 114.3 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 67.118 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:184 Resp: 44176
 Ion Ratio Lower Upper
 184 100
 63 61.0 47.0 70.6
 154 65.0 50.3 75.5

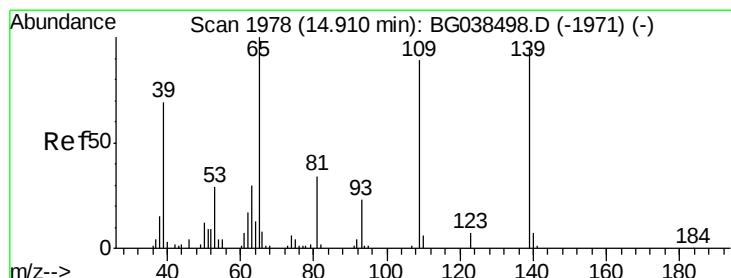
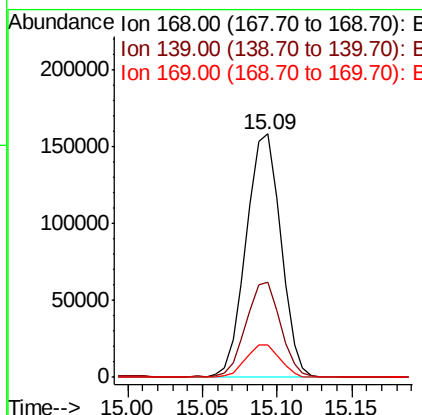
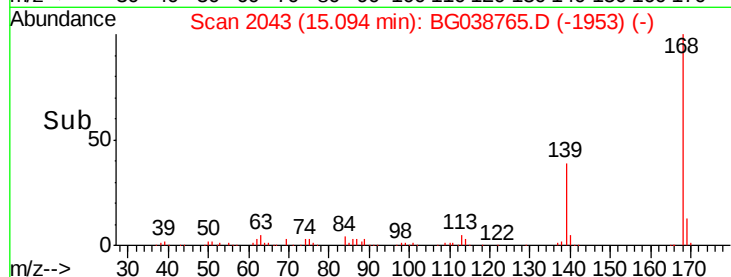
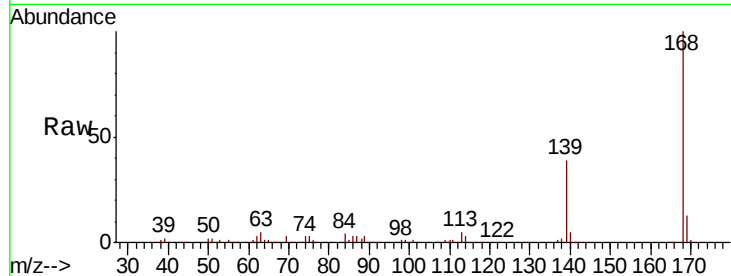




#55
Dibenzenofuran
Concen: 42.396 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

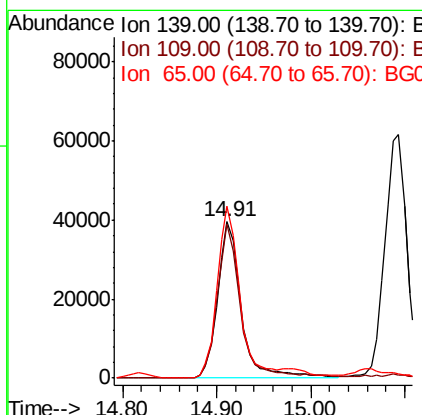
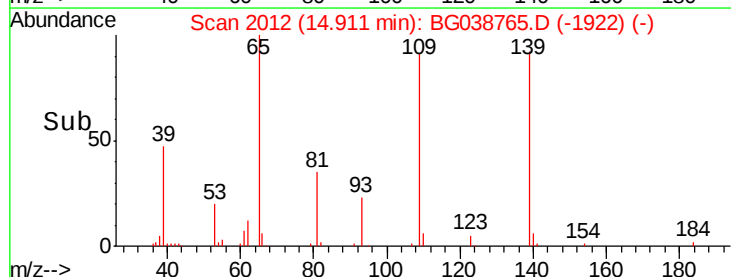
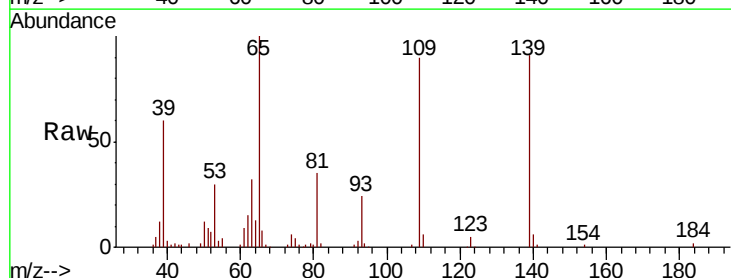
Instrument :
BNA_G
ClientSampleId :
PB115871BS

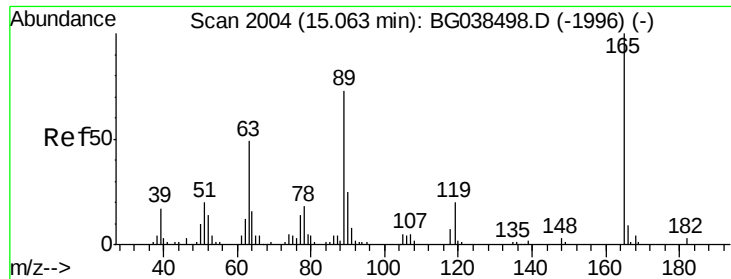
Tgt Ion:168 Resp: 254849
Ion Ratio Lower Upper
168 100
139 38.9 32.2 48.2
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 80.843 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:139 Resp: 70089
Ion Ratio Lower Upper
139 100
109 98.8 73.6 113.6
65 110.1 84.8 124.8

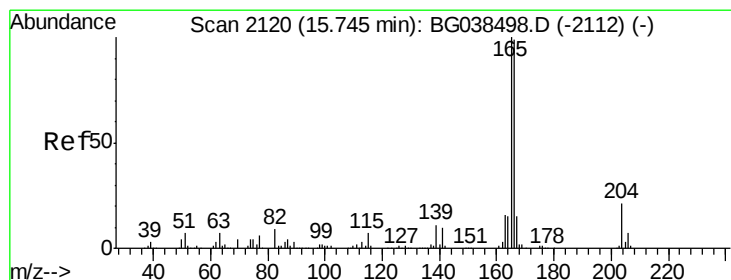
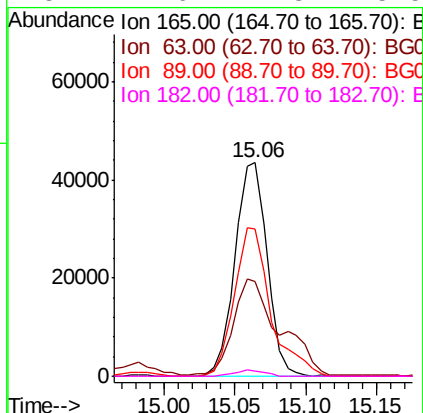
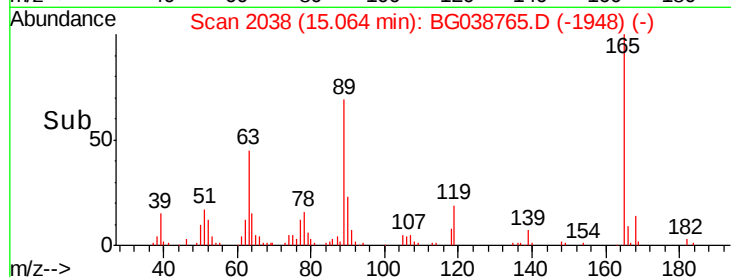
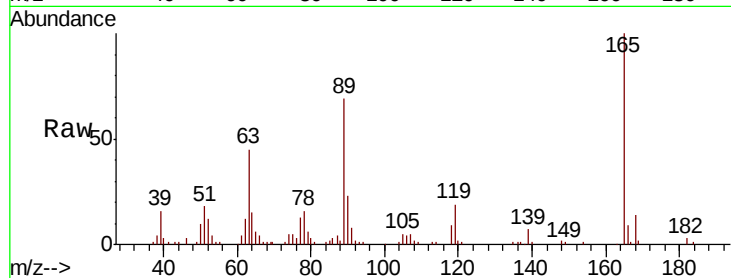




#57
2,4-Dinitrotoluene
Concen: 43.794 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

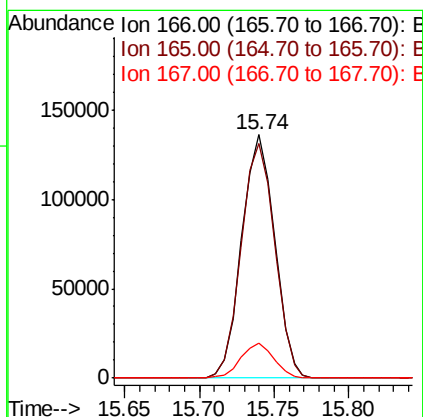
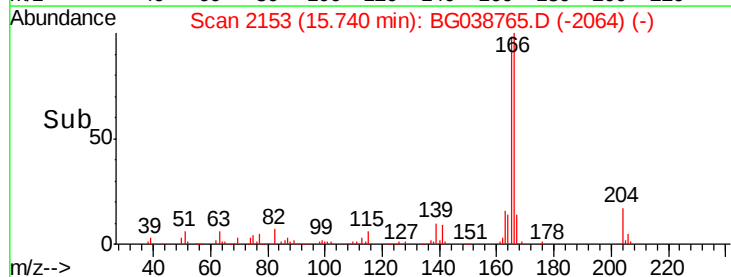
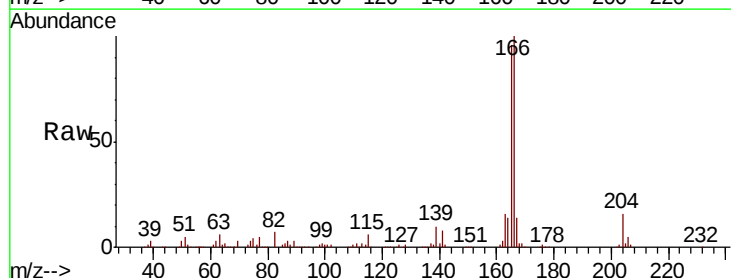
Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.5	39.0	58.4
89	68.7	58.0	87.0
182	2.6	2.3	3.5



#58
Fluorene
Concen: 46.841 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	80.6	120.8
167	14.2	12.0	18.0

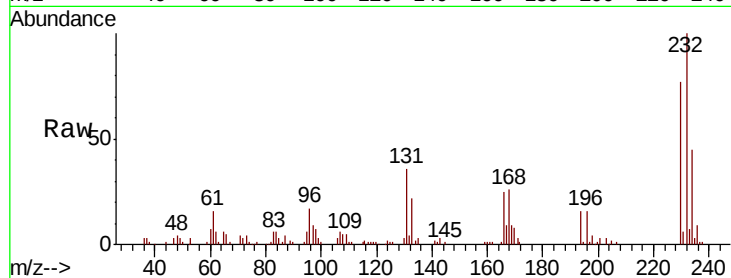




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.482 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.9	33.0	49.4
130	2.2	2.0	3.0
166	26.9	23.1	34.7



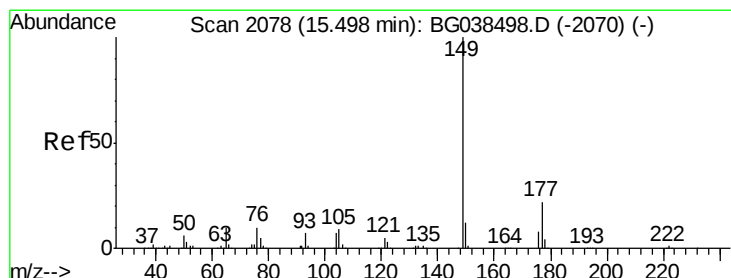
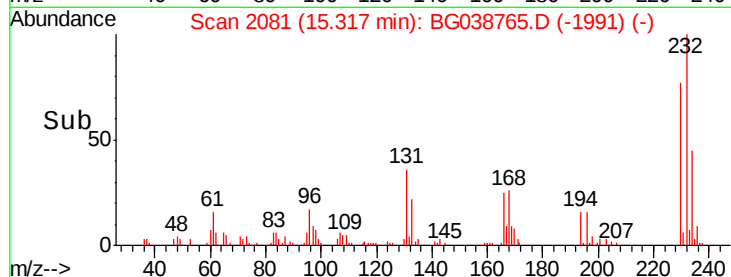
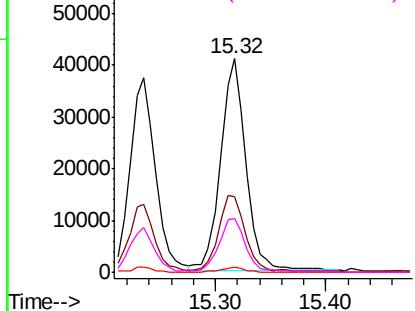
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

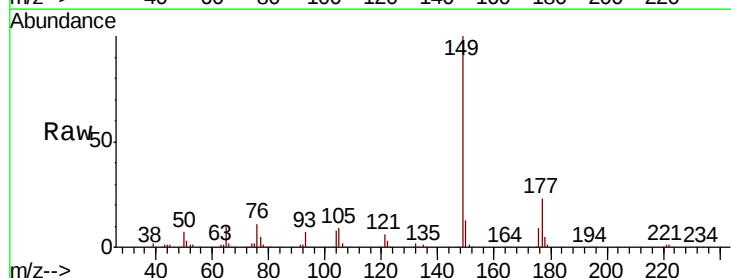
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.402 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.7	26.5
150	12.6	9.9	14.9

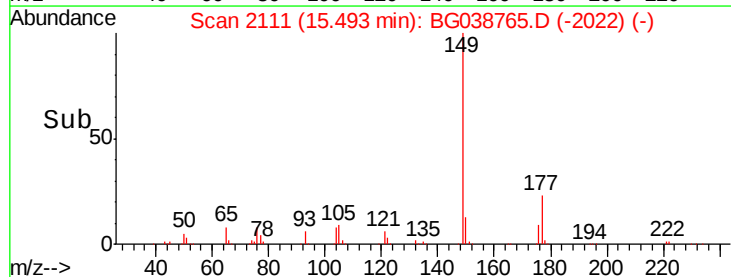
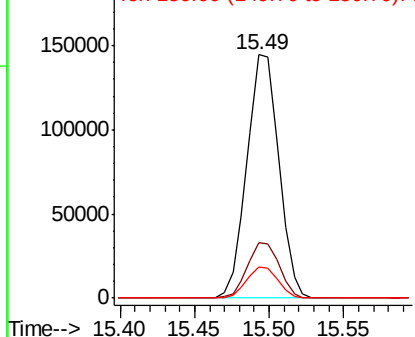


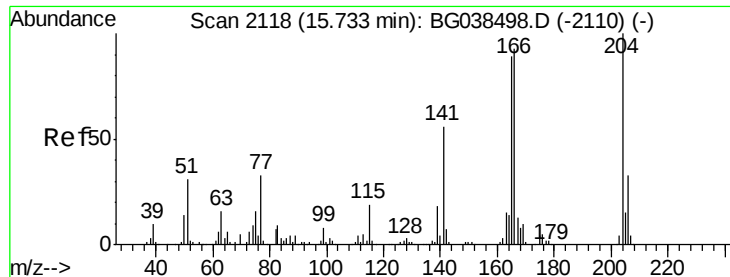
Abundance

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

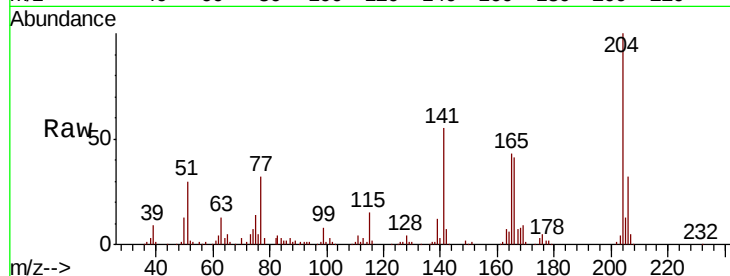




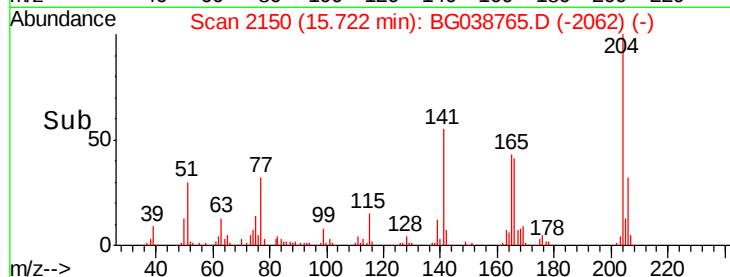
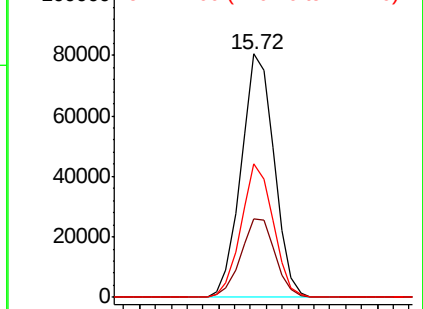
#61
4-Chlorophenyl-phenylether
Concen: 41.783 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tgt Ion:204 Resp: 116103
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 55.0 44.4 66.6

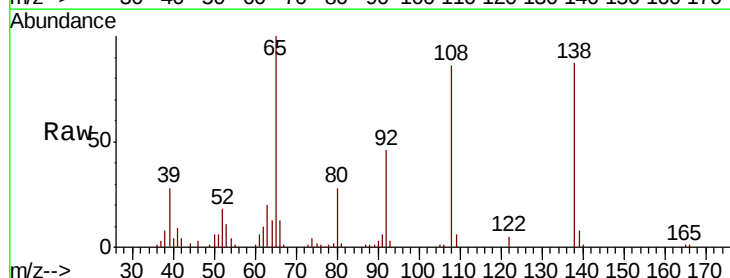


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

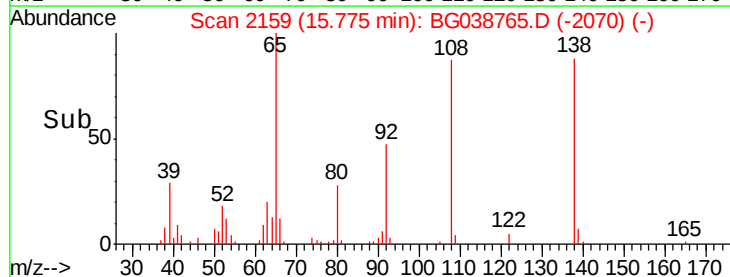
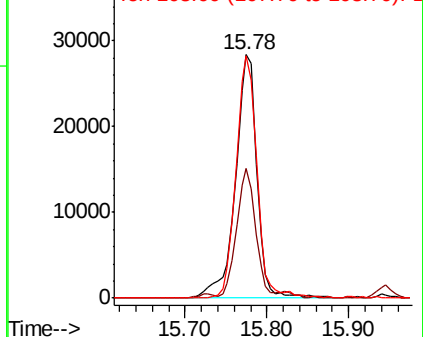


#62
4-Nitroaniline
Concen: 44.127 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:138 Resp: 51918
Ion Ratio Lower Upper
138 100
92 53.2 33.3 73.3
108 99.5 81.4 121.4



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





#63

Azobenzene

Concen: 40.113 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

Tgt Ion: 77 Resp: 181988

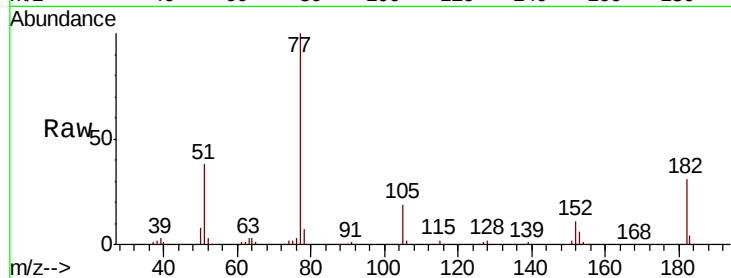
Ion Ratio Lower Upper

77 100

182 31.2 8.7 48.7

105 18.9 0.0 38.7

51 37.9 16.6 56.6

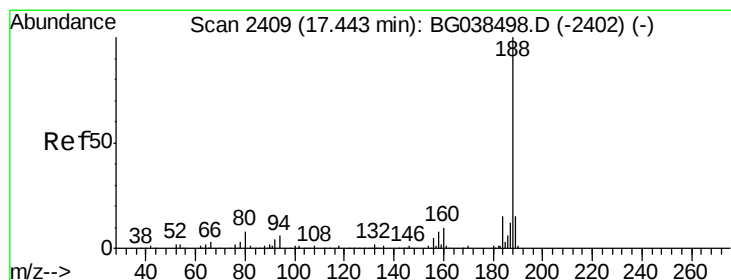
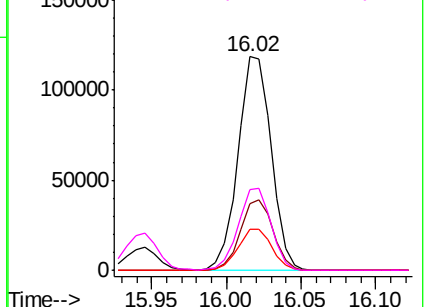
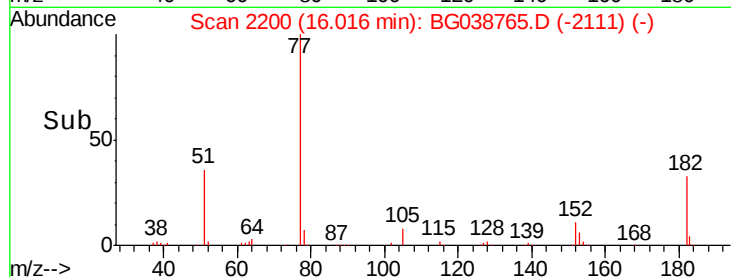


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

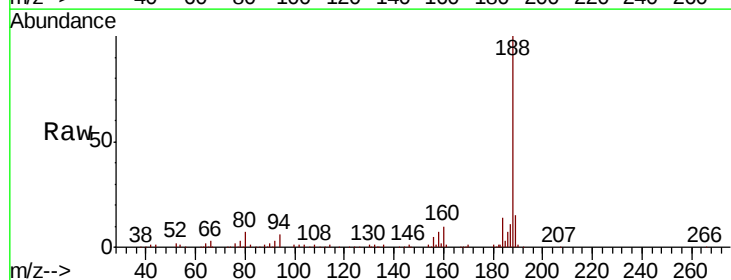
Tgt Ion: 188 Resp: 160074

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

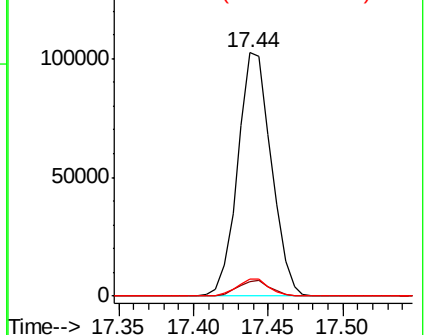
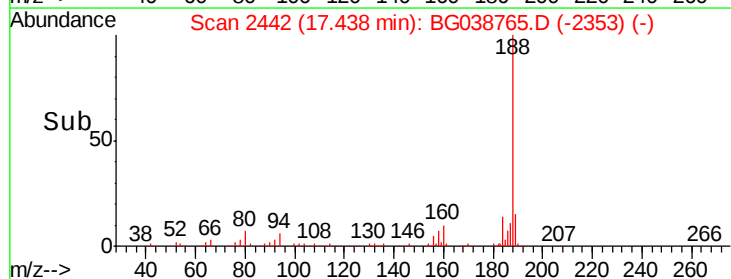
80 6.8 6.1 9.1

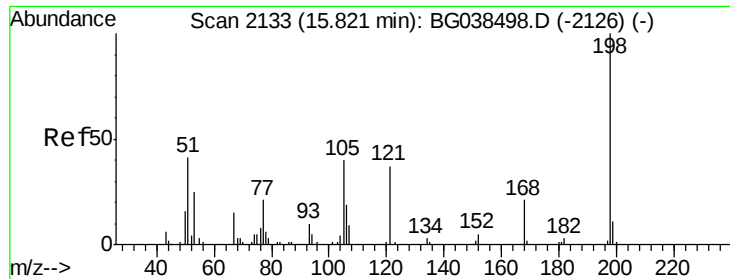


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

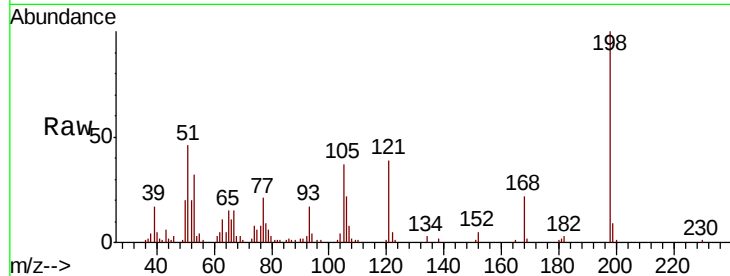




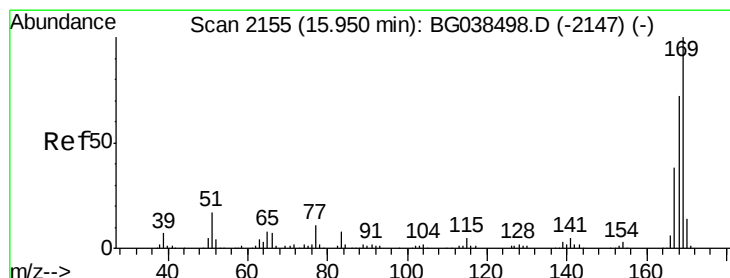
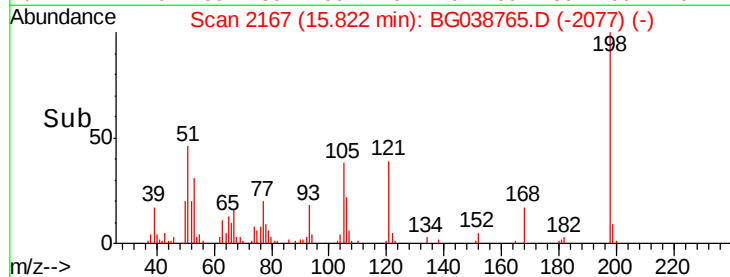
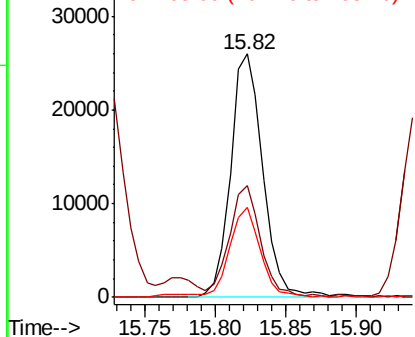
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.038 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion:198 Resp: 41151
 Ion Ratio Lower Upper
 198 100
 51 45.9 28.6 68.6
 105 37.2 20.4 60.4

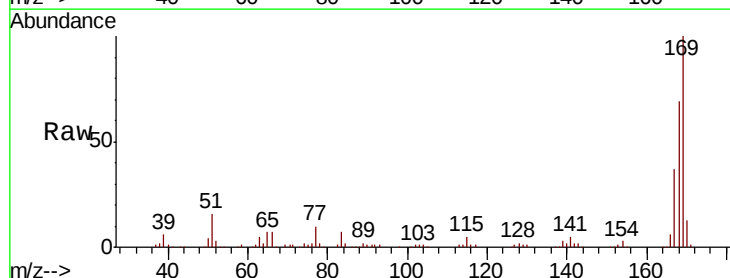


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

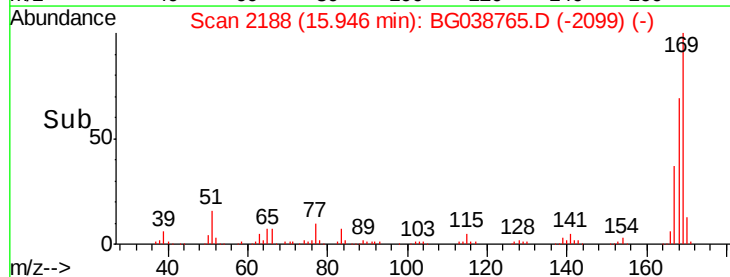
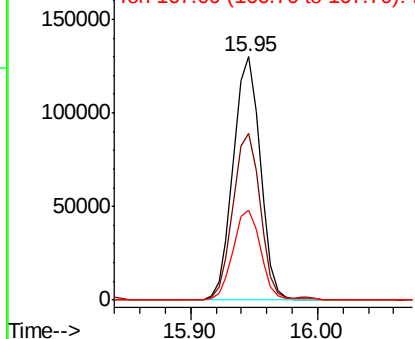


#66
 n-Nitrosodiphenylamine
 Concen: 40.810 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:169 Resp: 191942
 Ion Ratio Lower Upper
 169 100
 168 68.5 57.5 86.3
 167 36.9 30.2 45.2



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

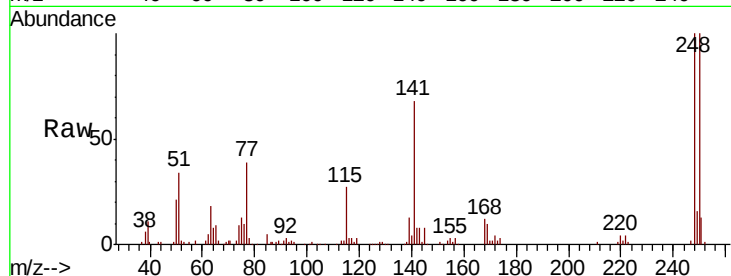




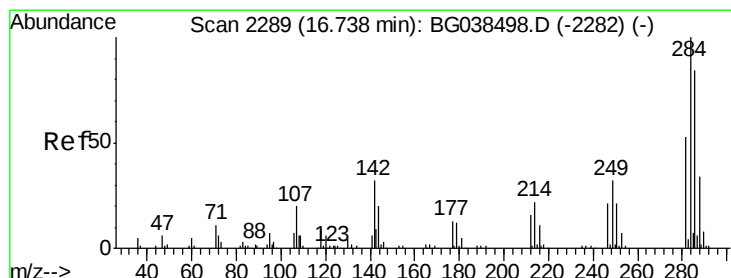
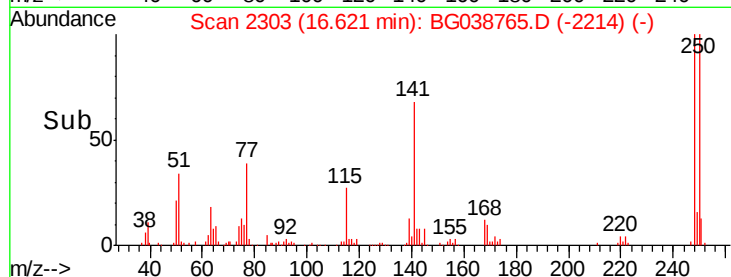
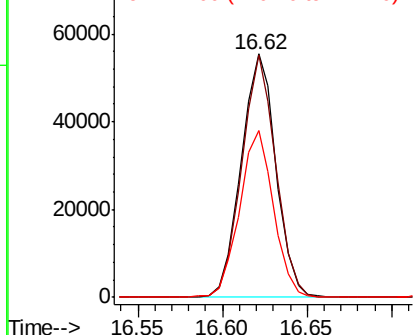
#67
 4-Bromophenyl-phenylether
 Concen: 40.512 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion:248 Resp: 79199
 Ion Ratio Lower Upper
 248 100
 250 99.6 73.4 110.2
 141 68.3 52.9 79.3

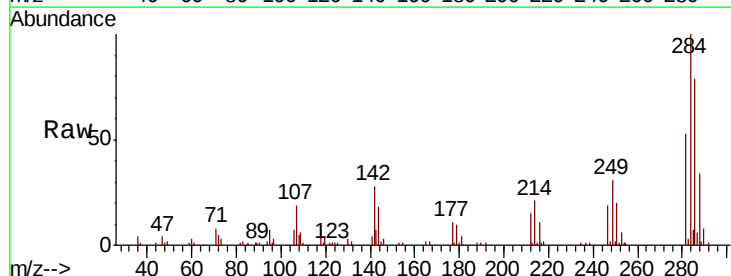


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

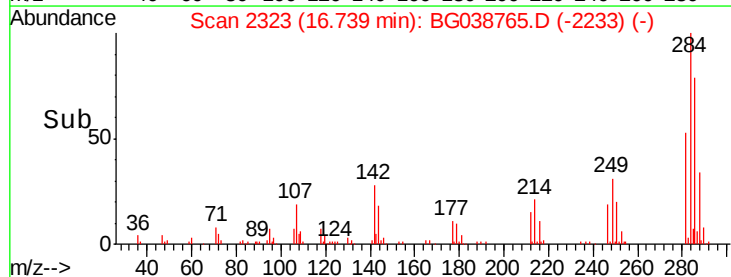
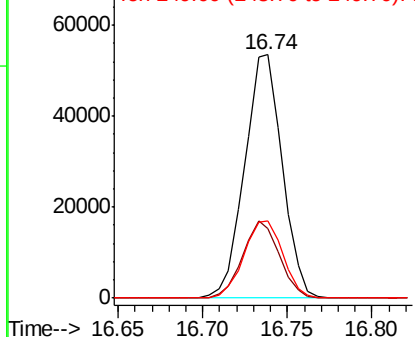


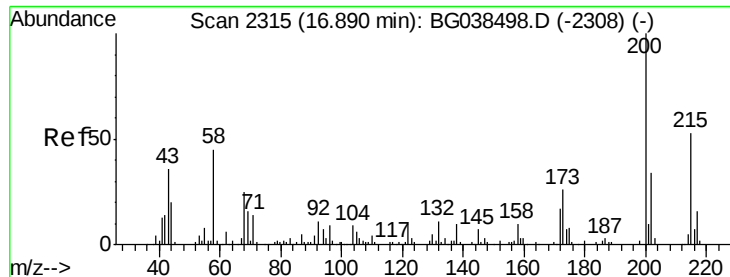
#68
 Hexachlorobenzene
 Concen: 40.960 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:284 Resp: 83008
 Ion Ratio Lower Upper
 284 100
 142 28.4 25.8 38.6
 249 33.4 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: 45.045 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

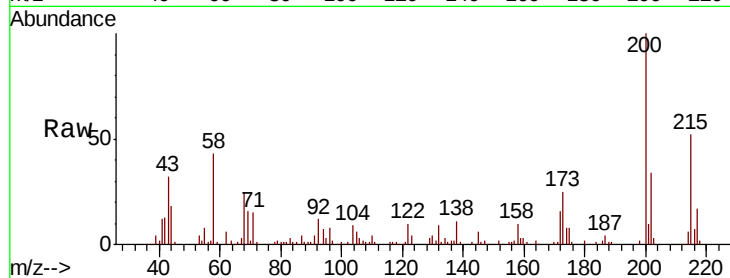
Tgt Ion:200 Resp: 78625

Ion Ratio Lower Upper

200 100

173 24.5 5.9 45.9

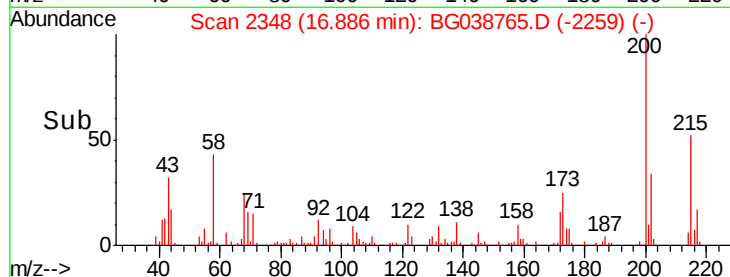
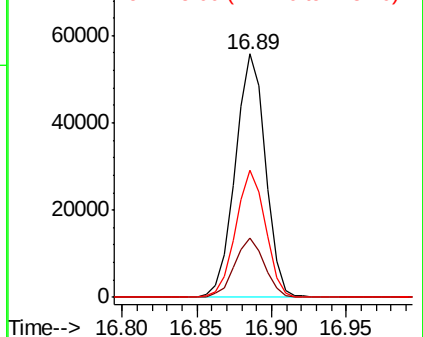
215 52.2 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 67.239 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

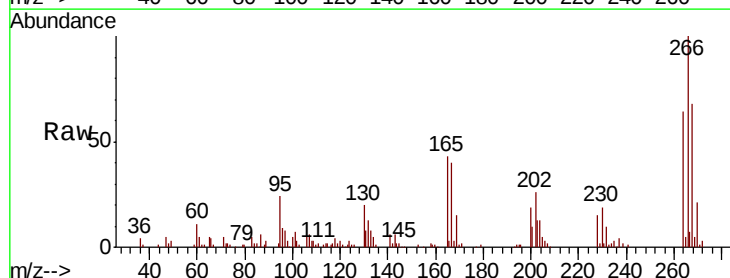
Tgt Ion:266 Resp: 80598

Ion Ratio Lower Upper

266 100

268 72.5 55.0 82.6

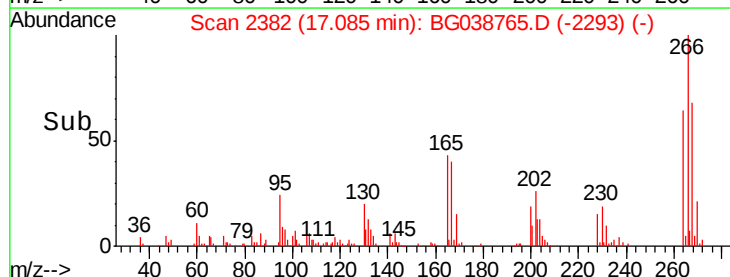
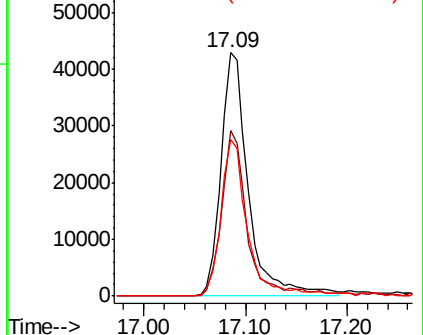
264 64.2 56.7 85.1

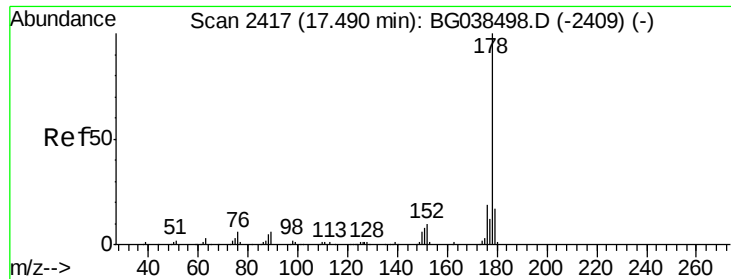


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

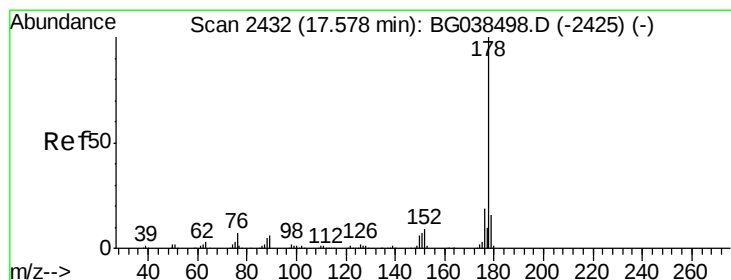
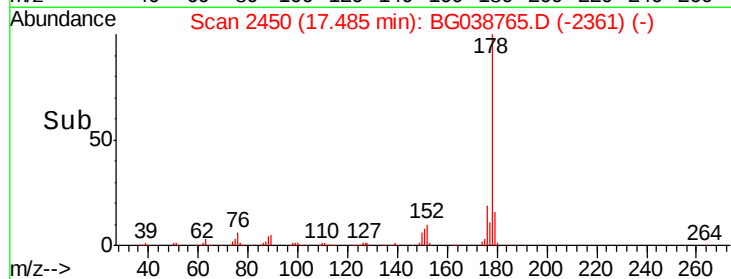
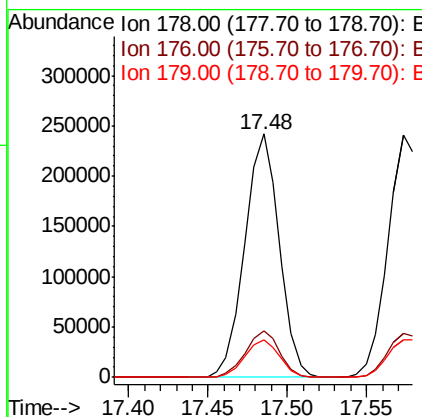
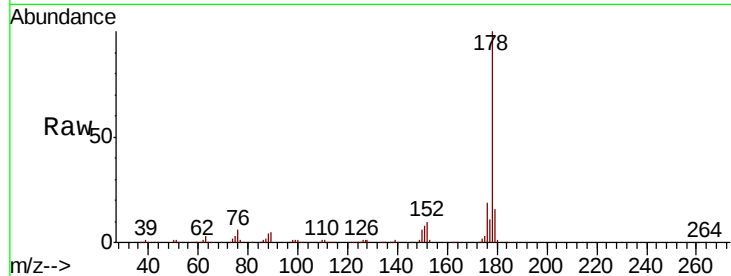




#71
Phenanthrene
Concen: 43.986 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

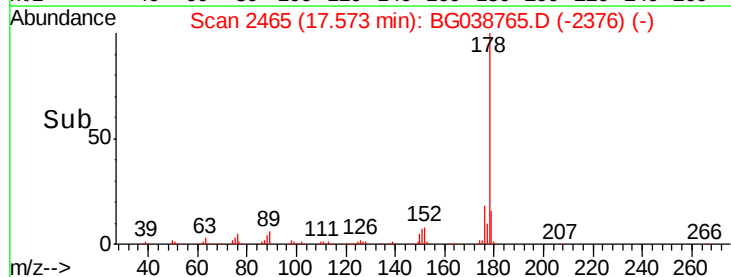
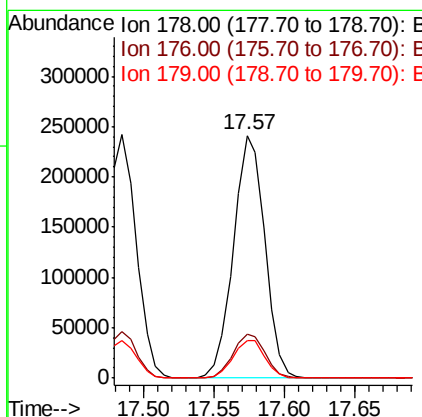
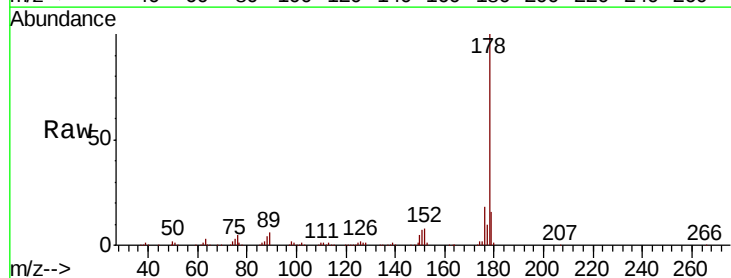
Instrument :
BNA_G
ClientSampleId :
PB115871BS

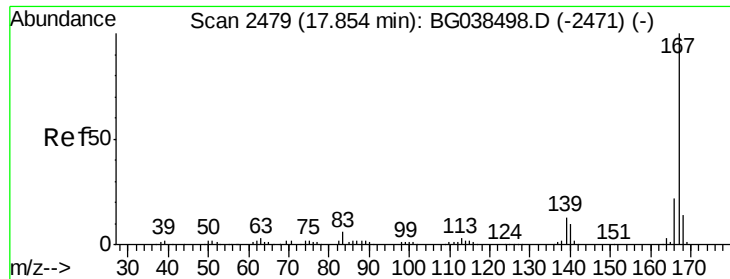
Tgt Ion:178 Resp: 365123
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.5 13.2 19.8



#72
Anthracene
Concen: 45.389 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:178 Resp: 371951
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 15.5 12.9 19.3

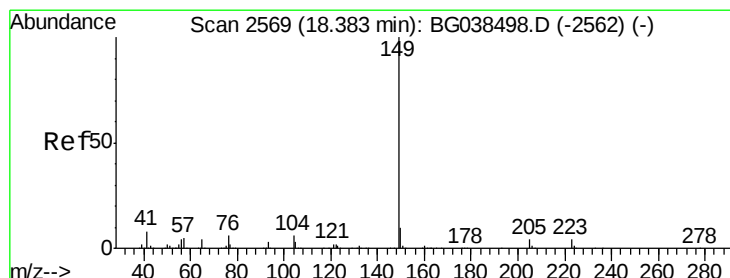
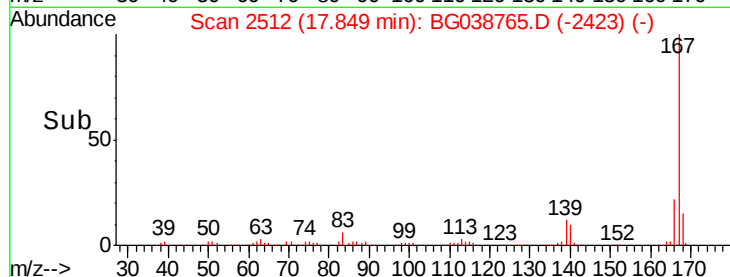
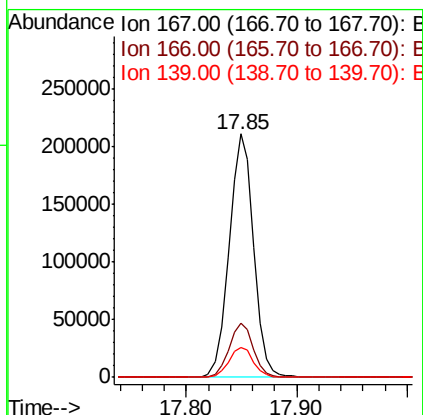
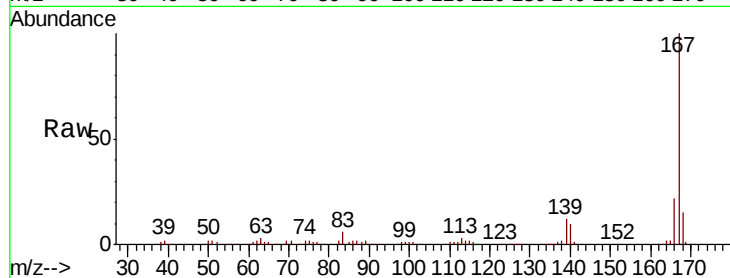




#73
 Carbazole
 Concen: 40.259 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

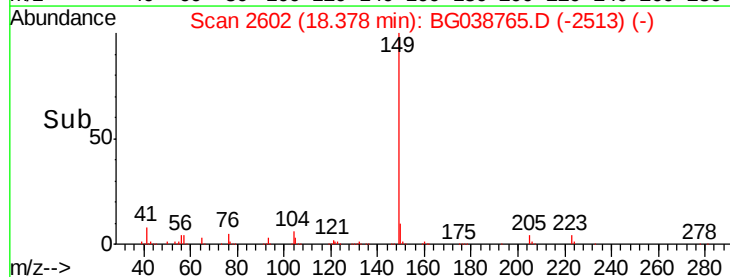
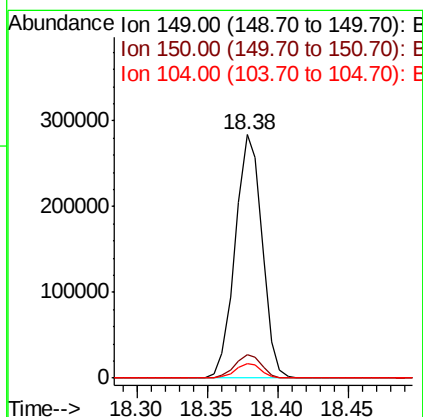
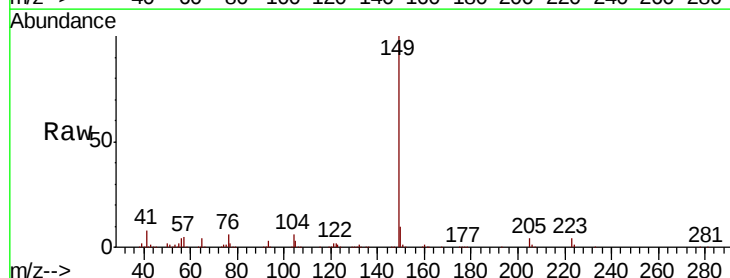
Instrument :
 BNA_G
 ClientSampled :
 PB115871BS

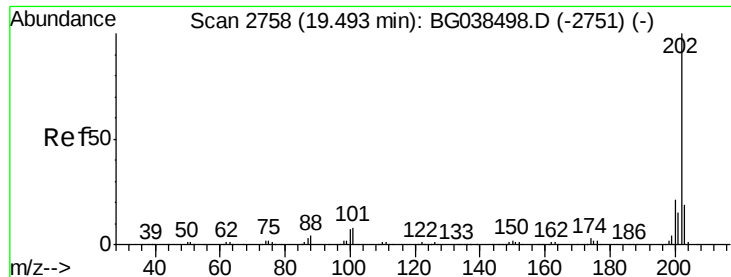
Tgt Ion:167 Resp: 326275
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 12.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 40.484 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion:149 Resp: 376478
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.7 5.0 7.4

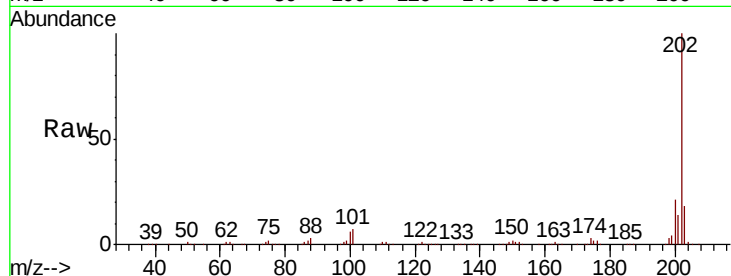




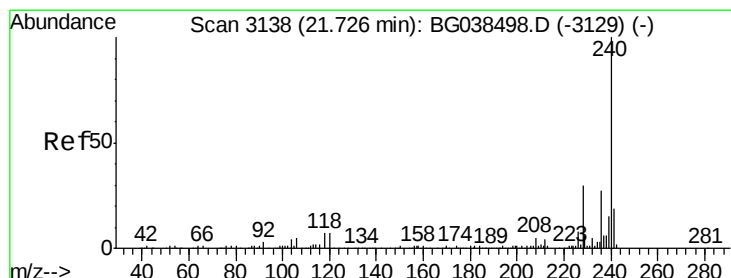
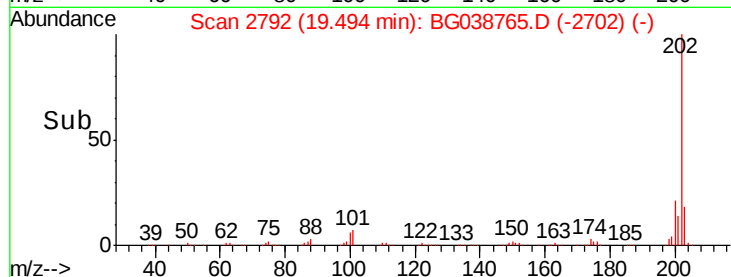
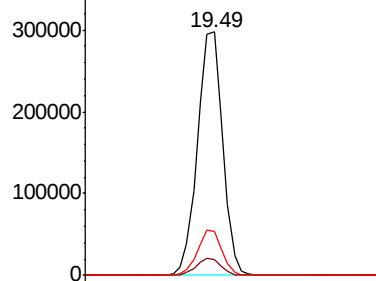
#75
 Fluoranthene
 Concen: 43.816 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB115871BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.1
203	18.2	0.0	39.0

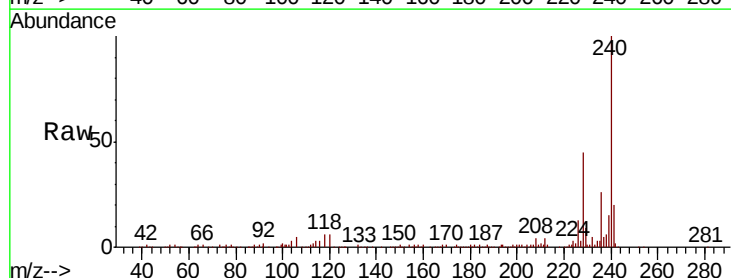


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

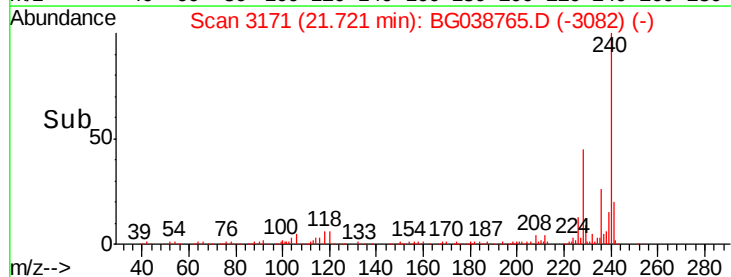
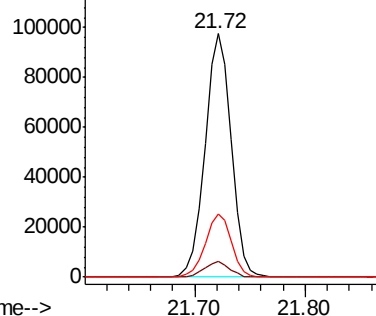


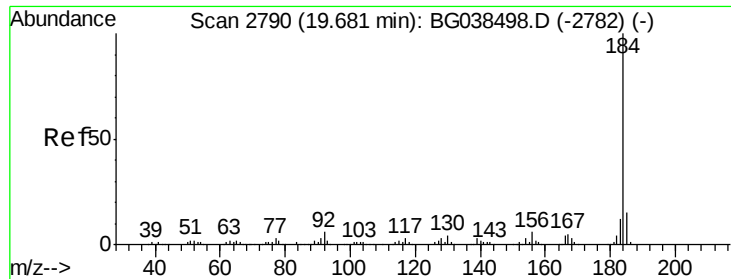
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038765.D
 Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.3	7.9
236	26.0	21.4	32.2



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

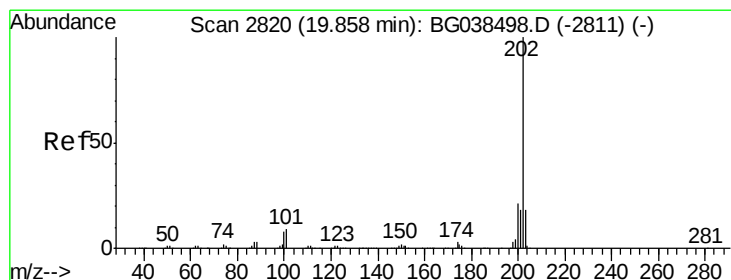
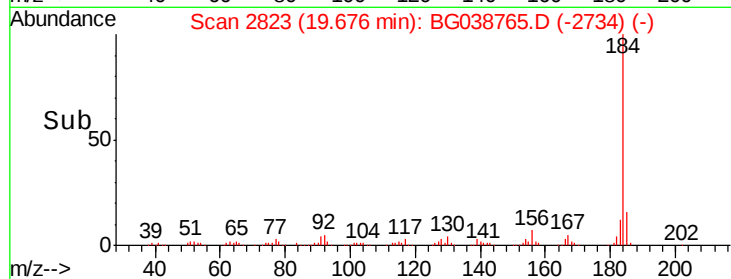
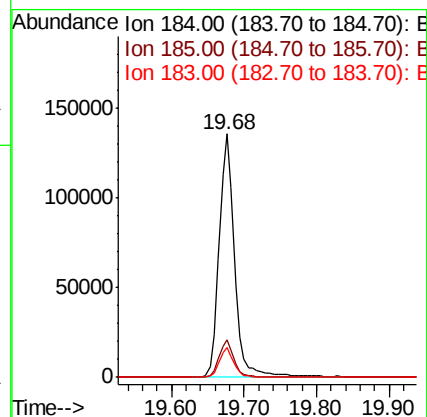
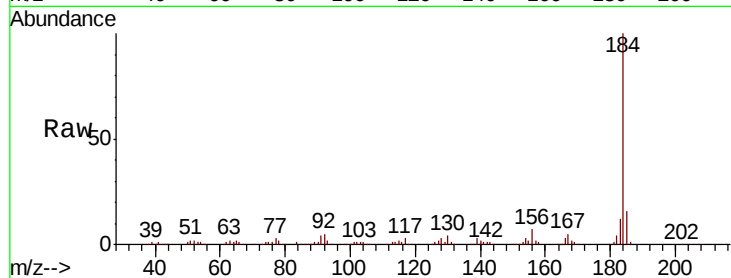




#77
Benzidine
Concen: 42.228 ng
RT: 19.68 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

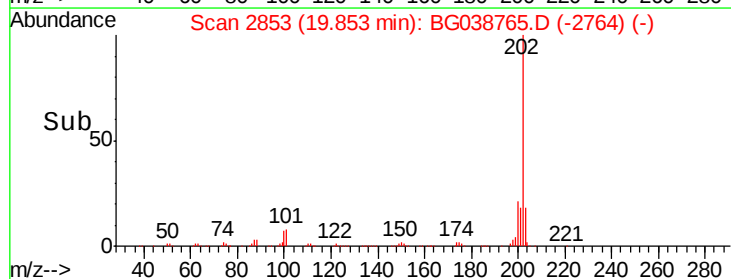
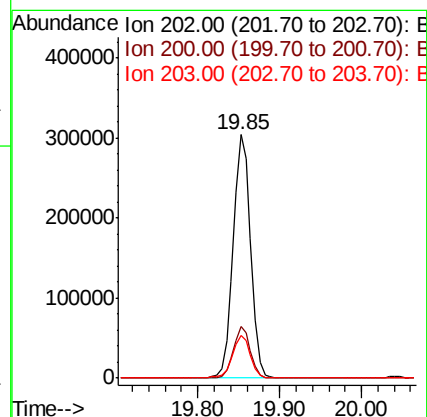
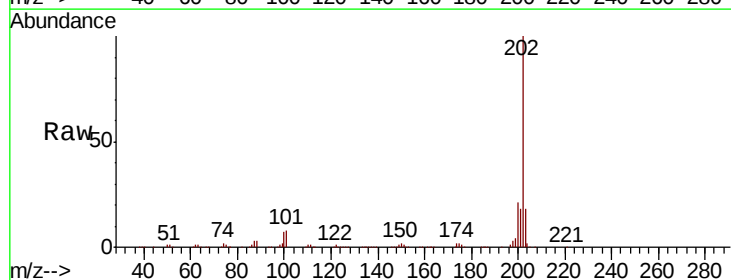
Instrument :
BNA_G
ClientSampleId :
PB115871BS

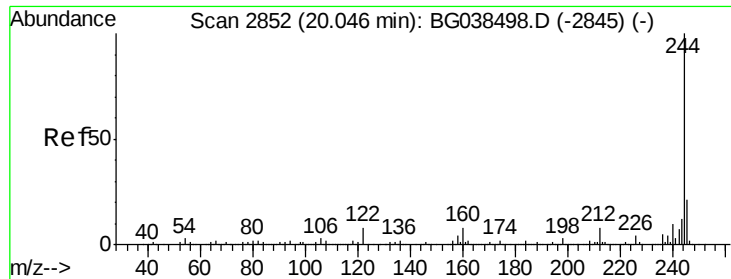
Tgt Ion:184 Resp: 202177
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 12.3 9.6 14.4



#78
Pyrene
Concen: 41.974 ng
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:202 Resp: 448913
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 17.8 14.6 21.8





#79

Terphenyl-d14

Concen: 83.080 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

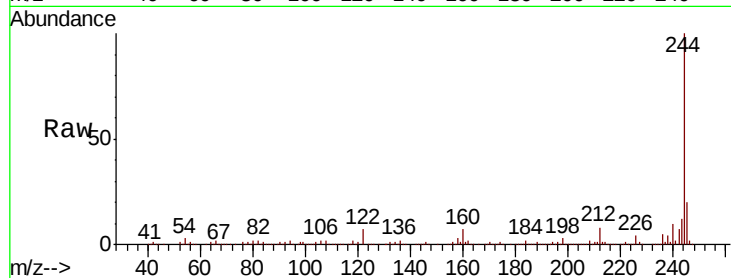
Tgt Ion:244 Resp: 618003

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

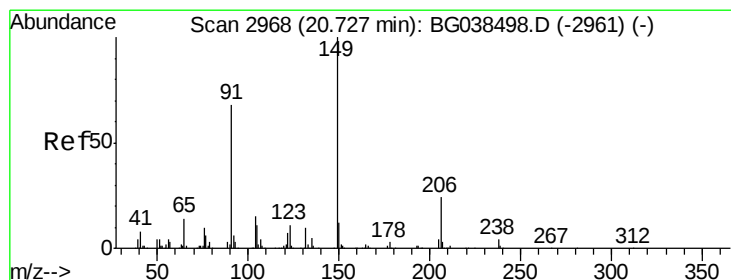
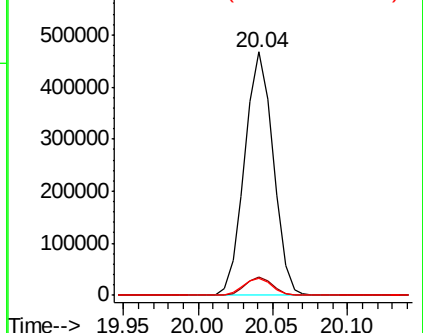
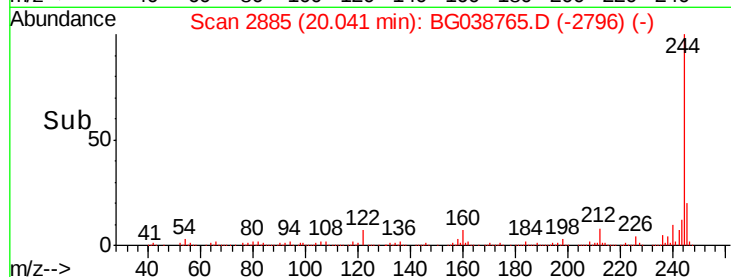
122 7.0 6.3 9.5



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: 40.664 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

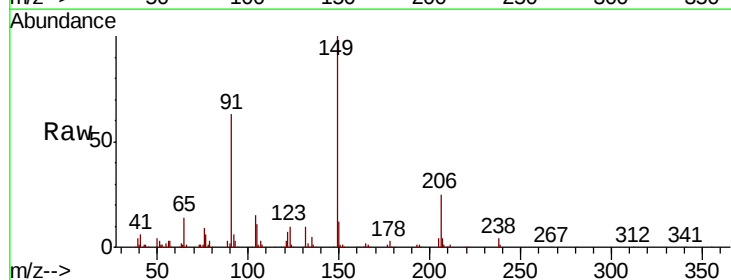
Tgt Ion:149 Resp: 169909

Ion Ratio Lower Upper

149 100

91 62.9 54.5 81.7

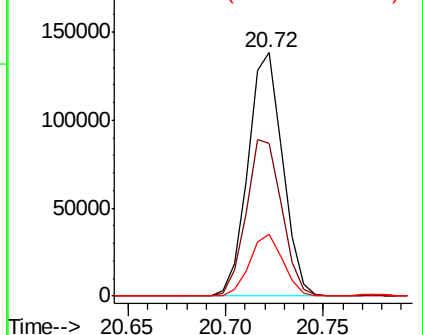
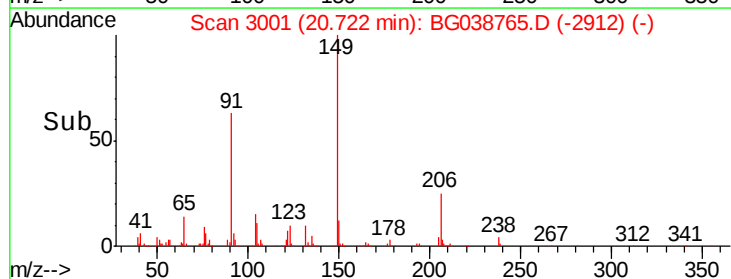
206 25.4 19.0 28.6

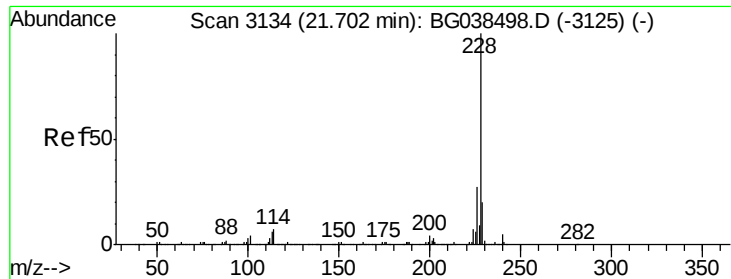


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

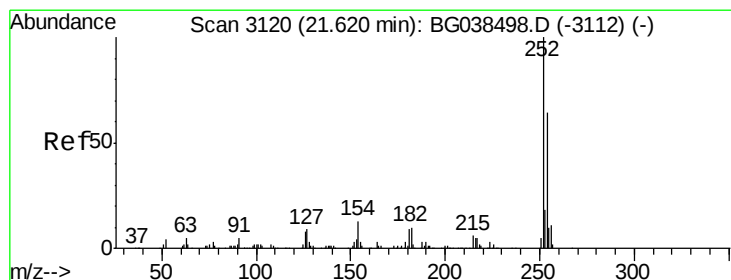
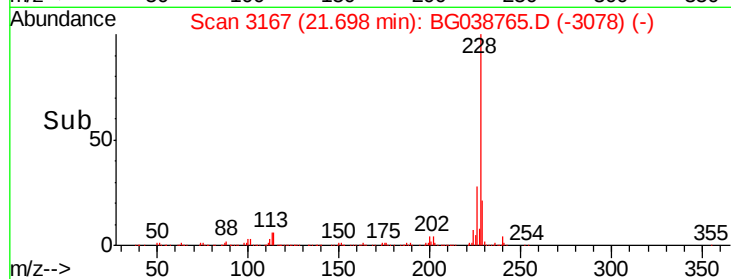
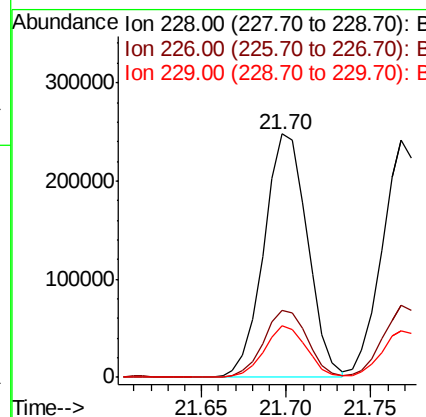
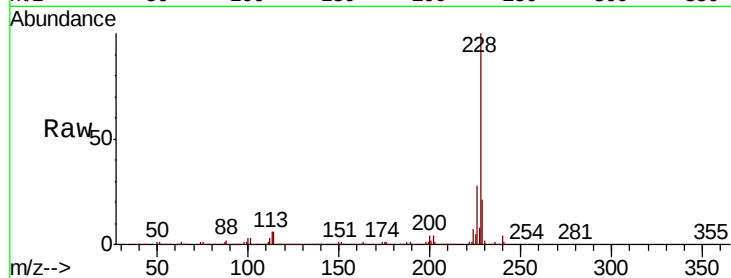




#81
Benzo(a)anthracene
Concen: 44.789 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

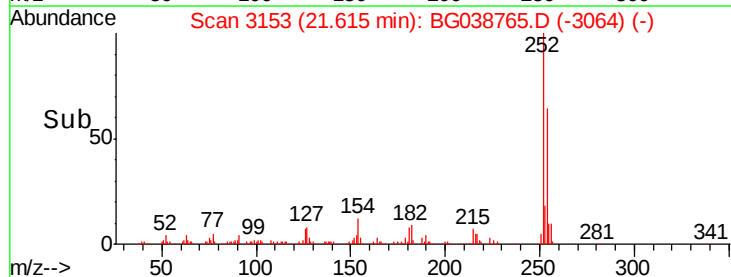
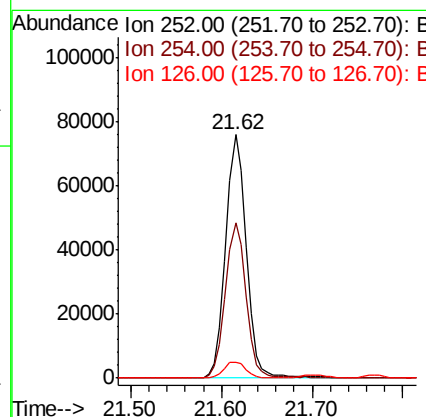
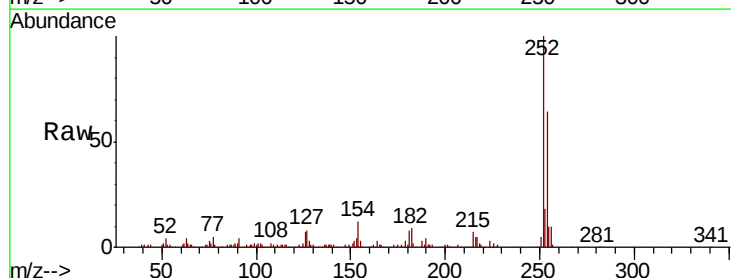
Instrument :
BNA_G
ClientSampleId :
PB115871BS

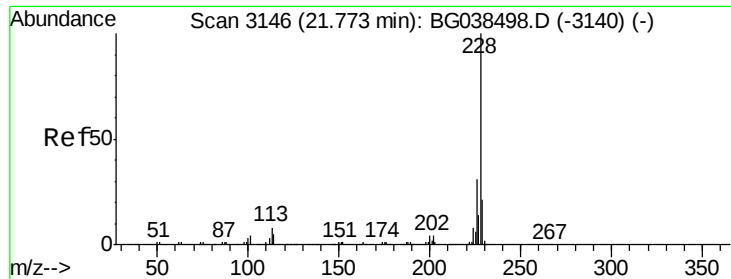
Tgt Ion:228 Resp: 441830
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.729 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion:252 Resp: 120225
Ion Ratio Lower Upper
252 100
254 63.9 50.9 76.3
126 6.7 6.3 9.5





#83

Chrysene

Concen: 43.310 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

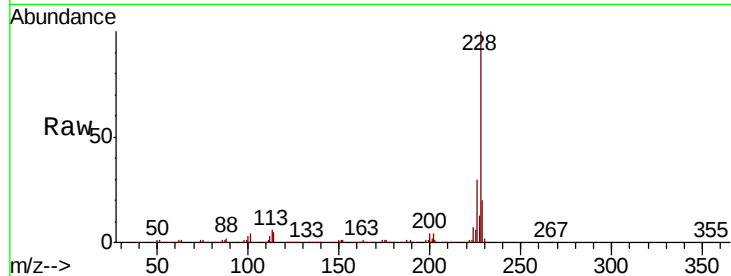
Tgt Ion:228 Resp: 411514

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

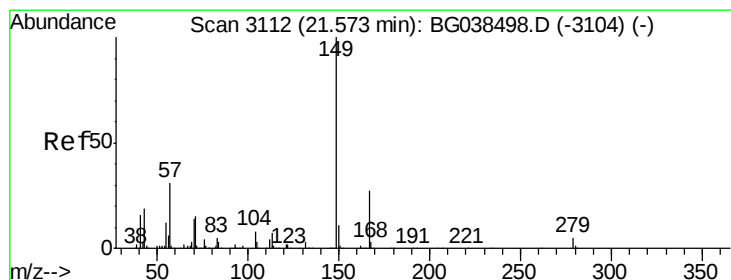
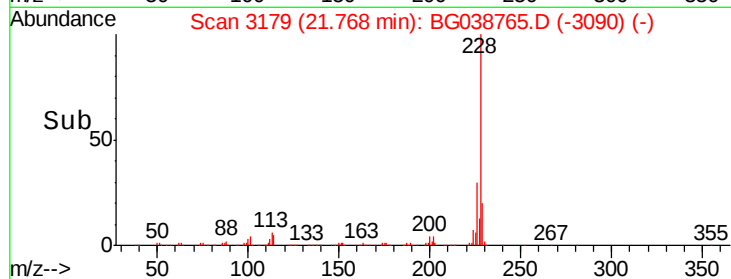
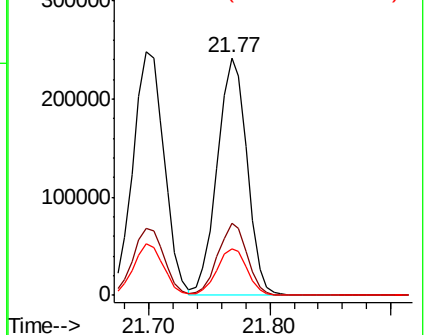
229 19.7 16.5 24.7



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: 40.303 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

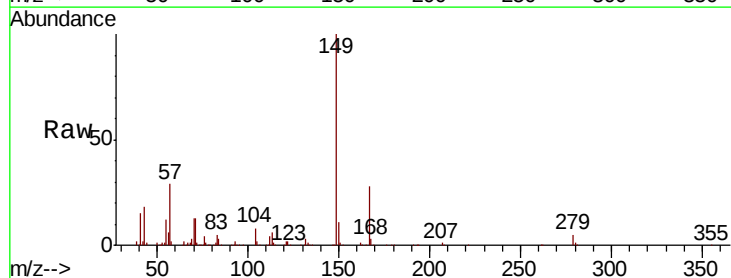
Tgt Ion:149 Resp: 238839

Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

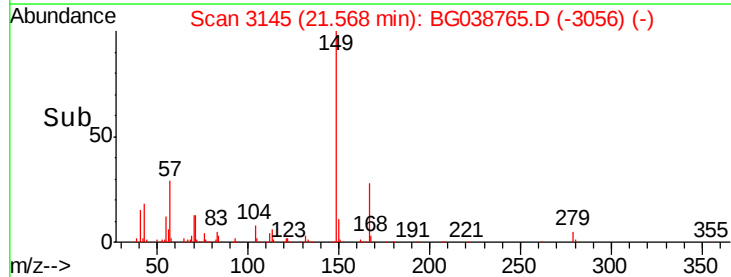
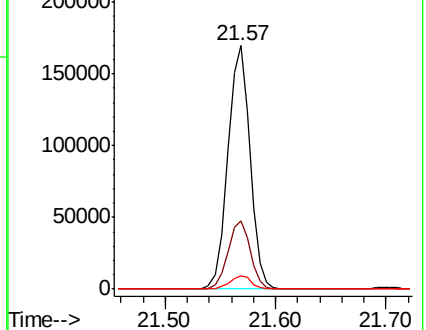
279 5.4 4.2 6.2

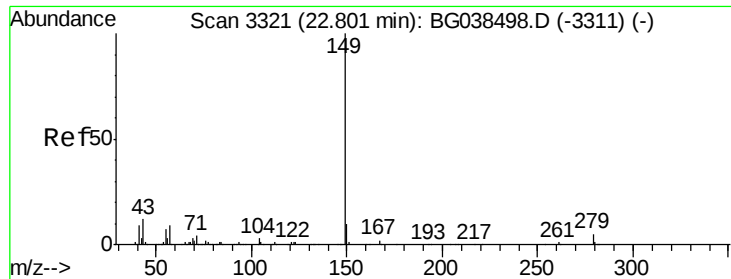


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

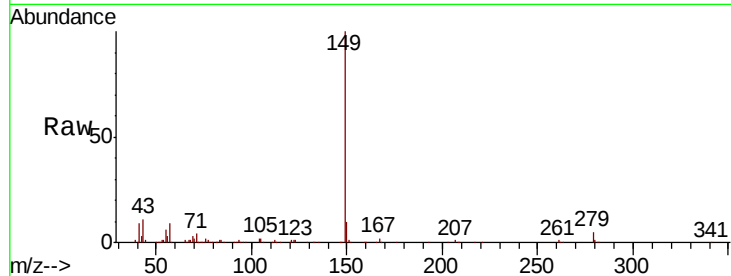




#85
Di-n-octyl phthalate
Concen: 40.950 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Instrument :
BNA_G
ClientSampleId :
PB115871BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.1	9.3	13.9

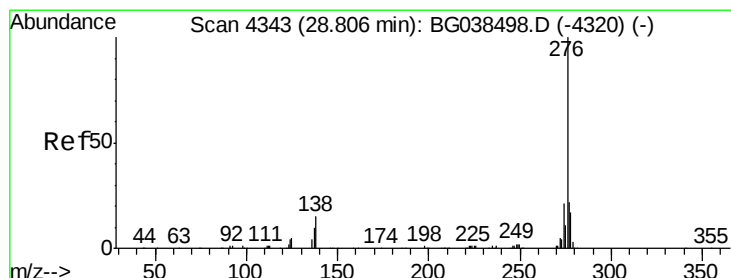
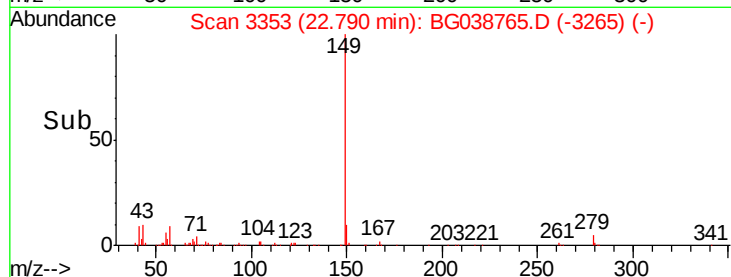
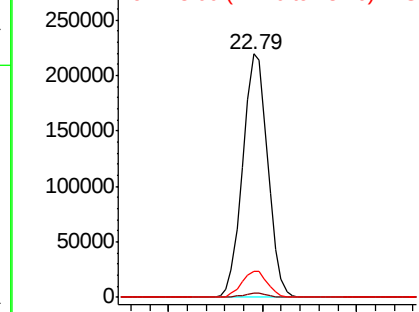


Abundance

Ion 149.00 (148.70 to 149.70): E

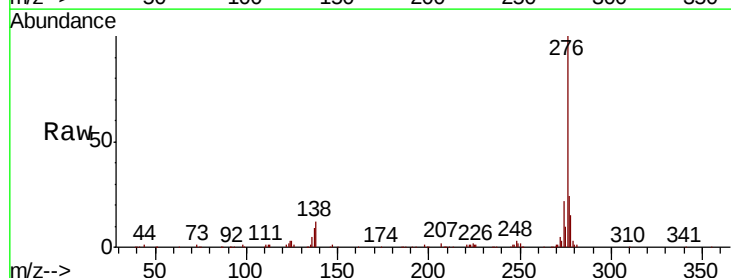
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.273 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038765.D
Acq: 20 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.4	14.4	21.6#
277	25.2	0.0	0.0#

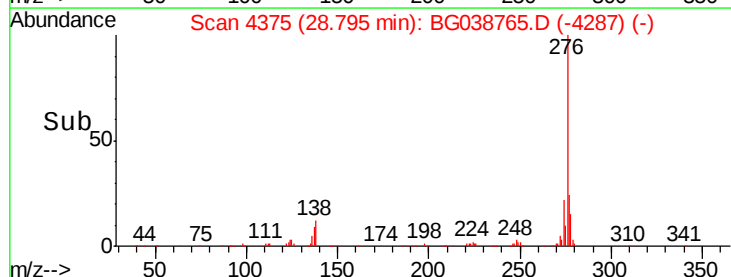
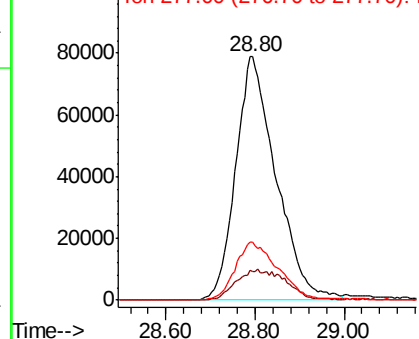


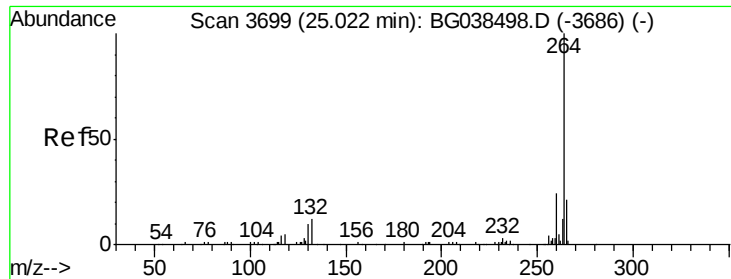
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

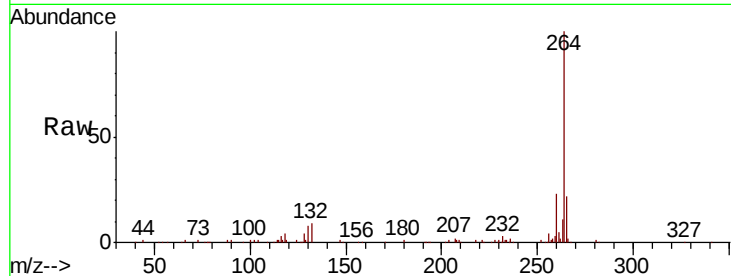
Tgt Ion:264 Resp: 176130

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.6 17.0 25.4

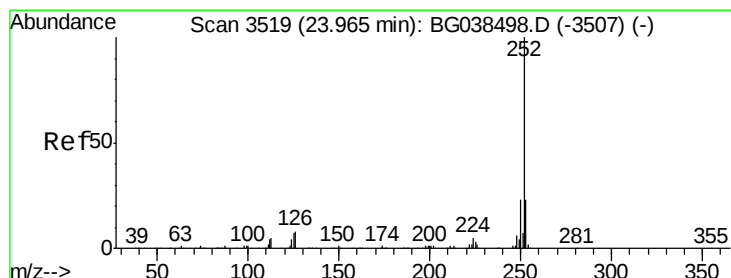
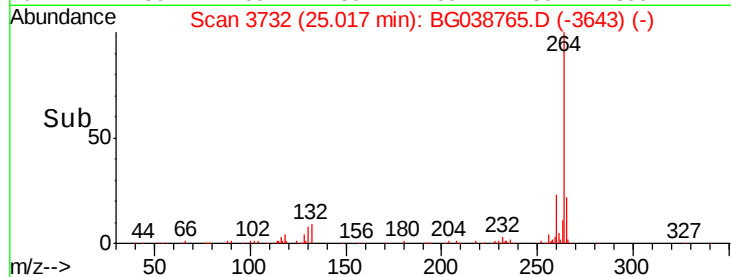
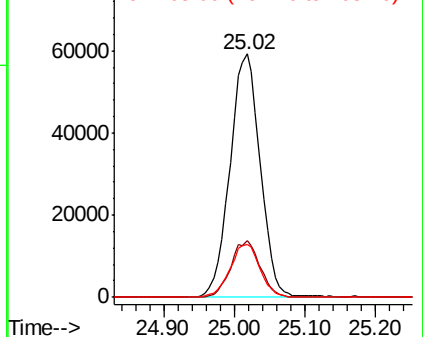


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.544 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

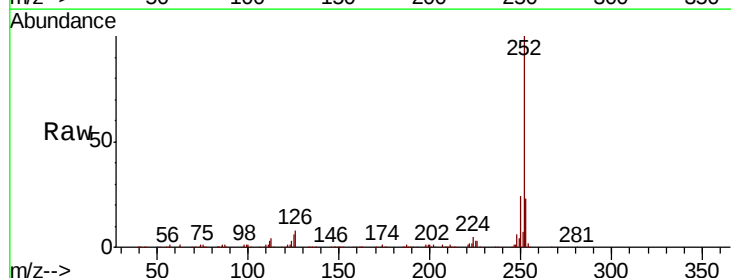
Tgt Ion:252 Resp: 440421

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 6.2 5.5 8.3

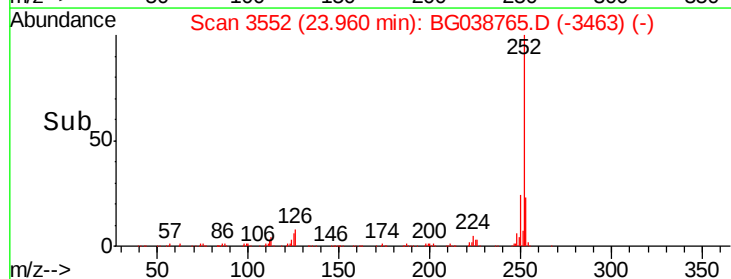
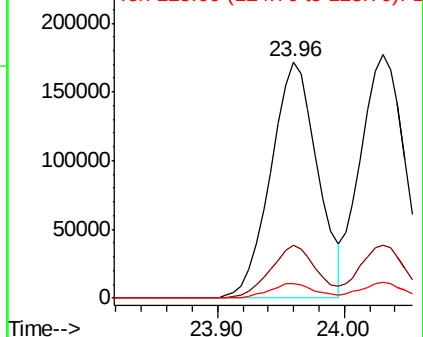


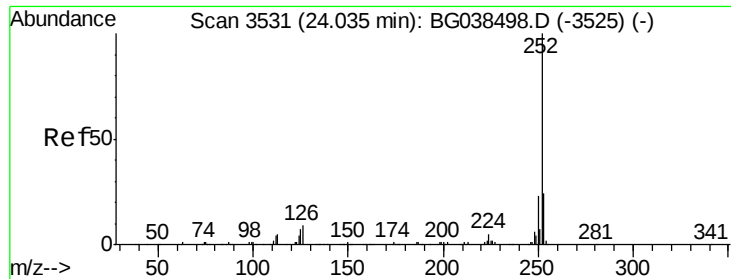
Abundance

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: 44.784 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

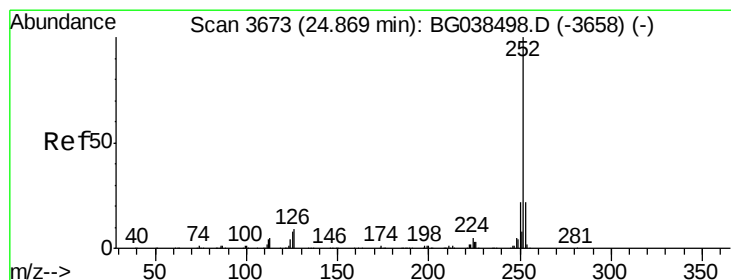
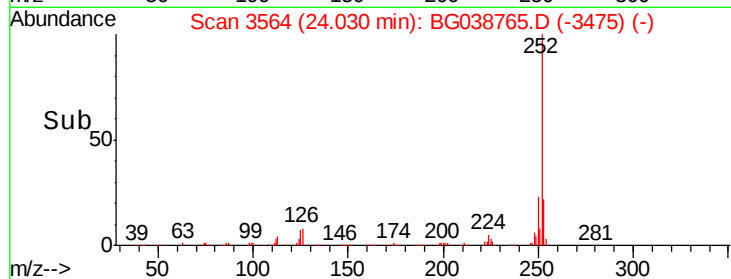
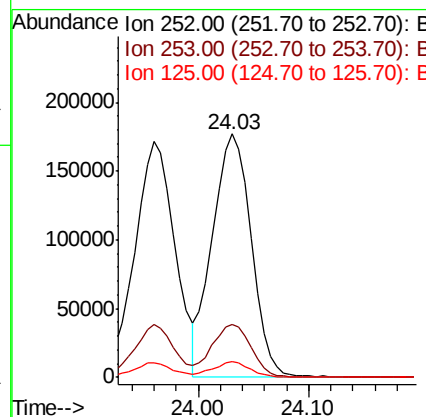
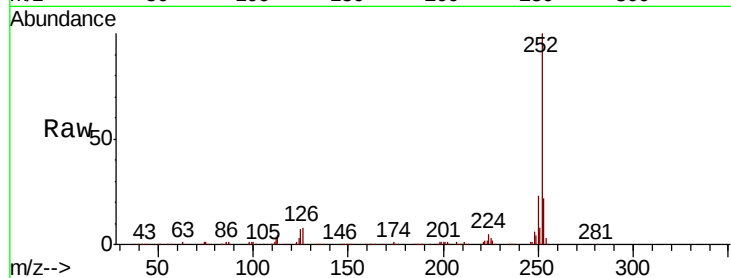
Instrument :

BNA_G

ClientSampleId :

PB115871BS

Tgt Ion:	252	Resp:	431250
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	6.5	5.4	8.2



#90

Benzo(a)pyrene

Concen: 45.875 ng

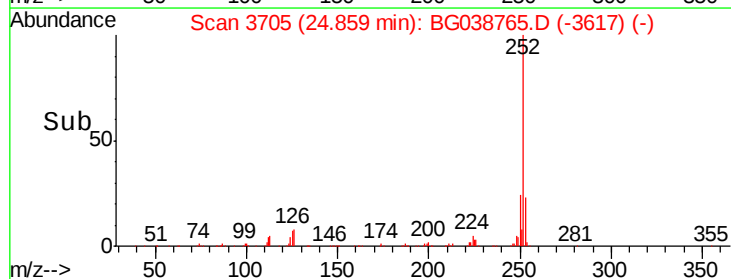
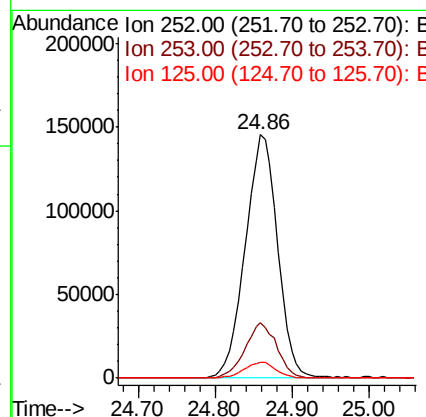
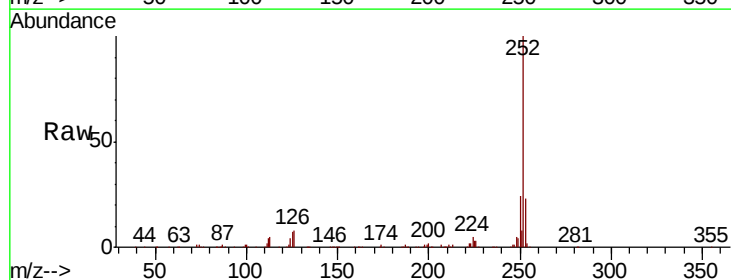
RT: 24.86 min Scan# 3705

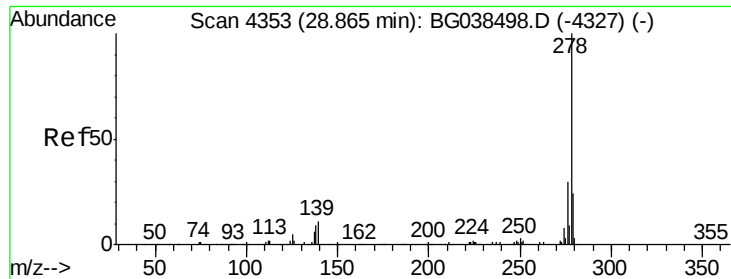
Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion:	252	Resp:	427981
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	6.5	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 43.923 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Instrument :

BNA_G

ClientSampleId :

PB115871BS

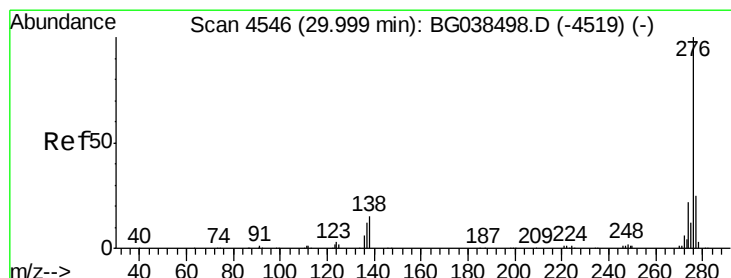
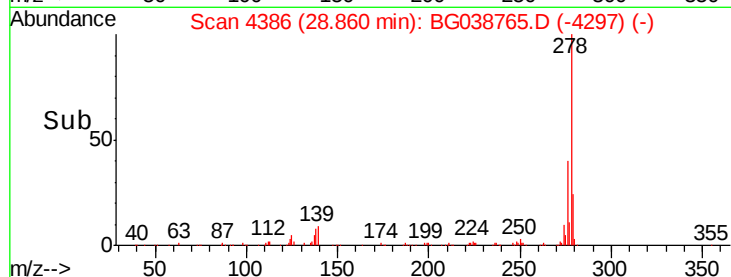
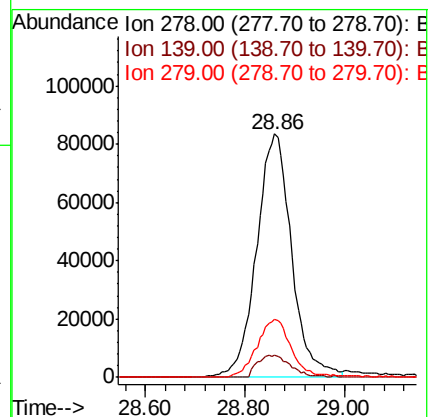
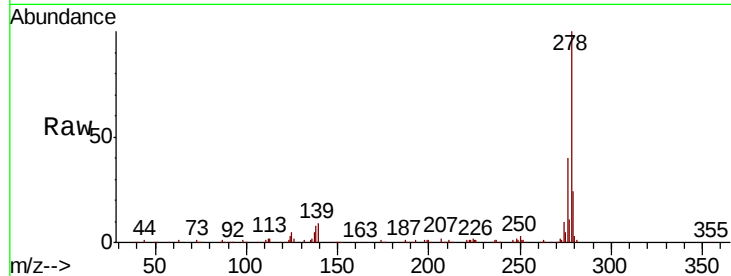
Tgt Ion:278 Resp: 408000

Ion Ratio Lower Upper

278 100

139 9.2 8.6 12.8

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 44.486 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038765.D

Acq: 20 Dec 2018 16:53

Tgt Ion:276 Resp: 407236

Ion Ratio Lower Upper

276 100

277 22.7 19.8 29.8

138 13.5 11.8 17.6

