

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038968.D
 Acq On : 7 Jan 2019 15:56
 Operator : JU/SJ
 Sample : PB116197BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 03:08:48 2019
 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	8.04	152	27435	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	108878	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	75753	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	188053	20.00	ng	0.00
76) Chrysene-d12	21.71	240	192299	20.00	ng	-0.02
87) Perylene-d12	25.00	264	182261	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	186434	120.53	ng	0.00
7) Phenol-d6	7.21	99	254290	119.75	ng	0.00
23) Nitrobenzene-d5	9.23	82	130196	61.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	135851	130.12	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	350615	63.49	ng	-0.02
79) Terphenyl-d14	20.03	244	708183	80.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	34273	47.608	ng	99
3) Pyridine	3.88	79	58708	29.620	ng	99
4) n-Nitrosodimethylamine	3.81	42	36941	38.038	ng	94
6) Aniline	7.37	93	83090	30.652	ng	98
8) 2-Chlorophenol	7.61	128	78752	43.995	ng	96
9) Benzaldehyde	7.19	77	12097	8.782	ng	93
10) Phenol	7.24	94	98833	43.810	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	63730	35.482	ng	89
12) 1,3-Dichlorobenzene	7.93	146	79173	37.408	ng	96
13) 1,4-Dichlorobenzene	8.08	146	82686	38.146	ng	98
14) 1,2-Dichlorobenzene	8.40	146	78685	38.505	ng	98
15) Benzyl Alcohol	8.29	79	70928	42.793	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	133070	32.342	ng	96
17) 2-Methylphenol	8.49	107	68374	45.237	ng	99
18) Hexachloroethane	9.12	117	28952	36.552	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	55555	37.250	ng	93
20) 3+4-Methylphenols	8.82	107	93862	44.966	ng	99
22) Acetophenone	8.88	105	112540	41.382	ng	94
24) Nitrobenzene	9.27	77	86024	39.900	ng	96
25) Isophorone	9.78	82	155757	40.676	ng	99
26) 2-Nitrophenol	9.98	139	46547	42.182	ng	94
27) 2,4-Dimethylphenol	10.03	122	78270	49.492	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	90985	42.105	ng	99
29) 2,4-Dichlorophenol	10.51	162	87918	49.971	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	92252	43.410	ng	93
31) Naphthalene	10.91	128	239572	44.659	ng	99
32) Benzoic acid	10.18	122	38554	40.417	ng	94
33) 4-Chloroaniline	11.03	127	70148	30.119	ng	98
34) Hexachlorobutadiene	11.17	225	61659	42.879	ng	95
35) Caprolactam	11.82	113	15732	21.607	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	89390	44.523	ng	95
37) 2-Methylnaphthalene	12.52	142	184179	48.125	ng	99
38) 1-Methylnaphthalene	12.73	142	175345	47.215	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	113973	40.250	ng	# 98

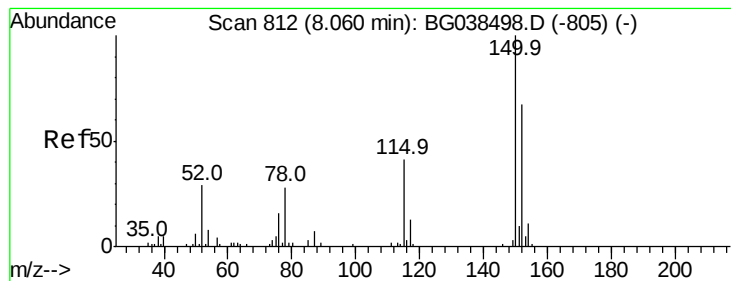
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	135432	87.057	ng	92
43) 2,4,6-Trichlorophenol	13.12	196	80109	46.012	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	83490	45.292	ng	97
46) 1,1'-Biphenyl	13.51	154	245687	38.688	ng	99
47) 2-Chloronaphthalene	13.57	162	197247	40.210	ng	97
48) 2-Nitroaniline	13.78	65	59129	37.842	ng	92
49) Acenaphthylene	14.41	152	319587	43.579	ng	99
50) Dimethylphthalate	14.14	163	259634	41.970	ng	99
51) 2,6-Dinitrotoluene	14.27	165	58549	41.764	ng	90
52) Acenaphthene	14.75	154	183746	41.902	ng	97
53) 3-Nitroaniline	14.61	138	42923	30.035	ng	98
54) 2,4-Dinitrophenol	14.81	184	73087	87.126	ng	98
55) Dibenzofuran	15.08	168	314573	41.849	ng	97
56) 4-Nitrophenol	14.92	139	88258	81.409	ng	97
57) 2,4-Dinitrotoluene	15.05	165	82428	41.746	ng	95
58) Fluorene	15.73	166	255255	45.834	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	80437	48.501	ng	97
60) Diethylphthalate	15.49	149	263761	38.839	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	143867	41.404	ng	97
62) 4-Nitroaniline	15.77	138	60955	41.431	ng	99
63) Azobenzene	16.01	77	215877	38.052	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	57027	42.511	ng	86
66) n-Nitrosodiphenylamine	15.93	169	229371	41.512	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	97928	42.639	ng	97
68) Hexachlorobenzene	16.73	284	103157	43.330	ng	98
69) Atrazine	16.88	200	94767	46.215	ng	96
70) Pentachlorophenol	17.08	266	108333	76.931	ng	97
71) Phenanthrene	17.47	178	438747	44.992	ng	99
72) Anthracene	17.57	178	438502	45.549	ng	99
73) Carbazole	17.84	167	394939	41.481	ng	99
74) Di-n-butylphthalate	18.37	149	454839	41.633	ng	99
75) Fluoranthene	19.48	202	546408	45.286	ng	98
77) Benzidine	19.67	184	191540	33.680	ng	99
78) Pyrene	19.85	202	541306	42.610	ng	98
80) Butylbenzylphthalate	20.71	149	210116	42.335	ng	97
81) Benzo(a)anthracene	21.69	228	525035	44.807	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	143258	30.826	ng	98
83) Chrysene	21.76	228	489921	43.408	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	286491	40.699	ng	97
85) Di-n-octyl phthalate	22.78	149	482843	40.957	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	572009	43.108	ng	# 73
88) Benzo(b)fluoranthene	23.95	252	521101	52.074	ng	99
89) Benzo(k)fluoranthene	24.02	252	493385	49.513	ng	97
90) Benzo(a)pyrene	24.85	252	494683	51.241	ng	# 98
91) Dibenzo(a,h)anthracene	28.84	278	477096	49.634	ng	98
92) Benzo(g,h,i)perylene	29.97	276	477561	50.413	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

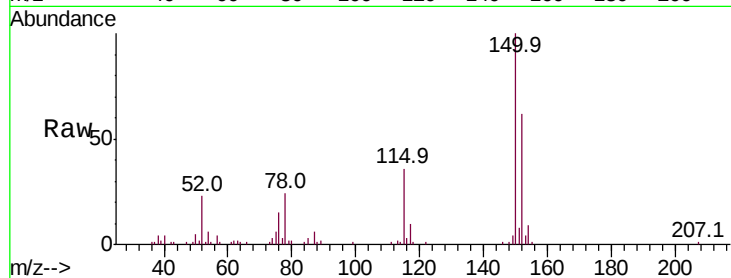
Tot Ion:152 Resp: 27435

Ion Ratio Lower Upper

152 100

150 160.2 119.5 179.3

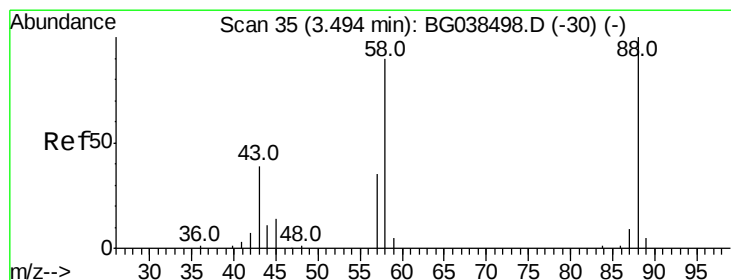
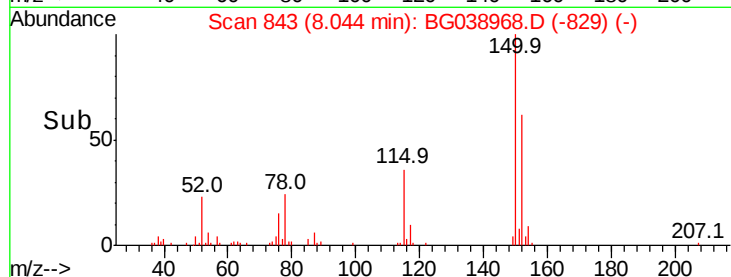
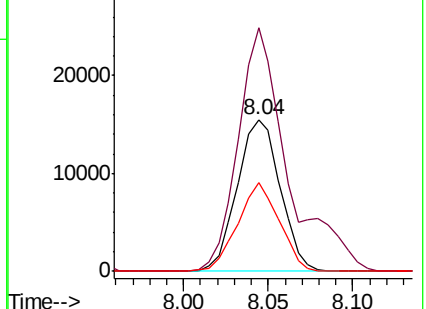
115 58.5 49.6 74.4



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: 47.608 ng

RT: 3.48 min Scan# 66

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

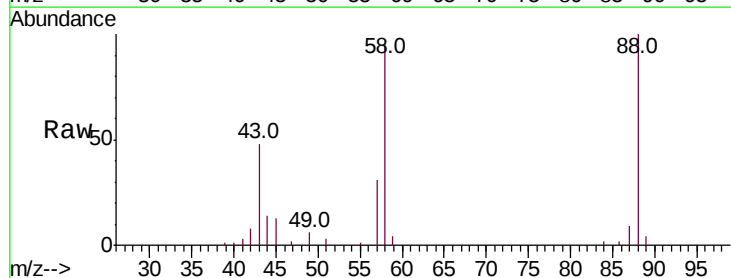
Tgt Ion: 88 Resp: 34273

Ion Ratio Lower Upper

88 100

58 93.7 75.7 113.5

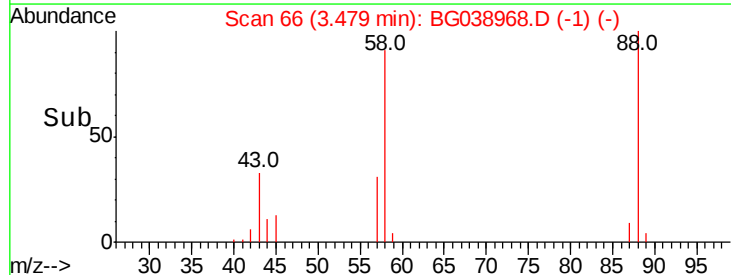
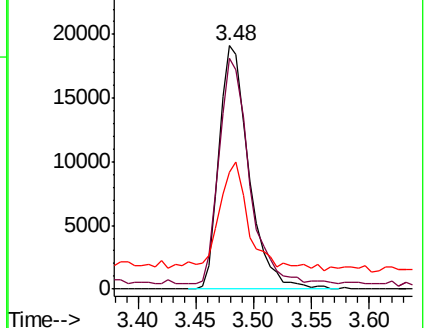
43 38.3 31.6 47.4

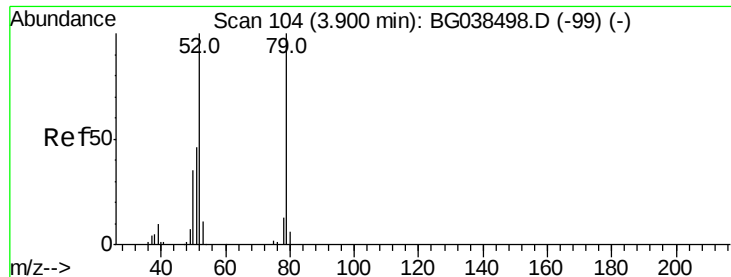


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.620 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

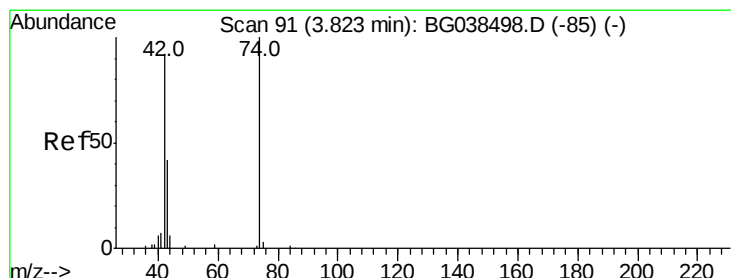
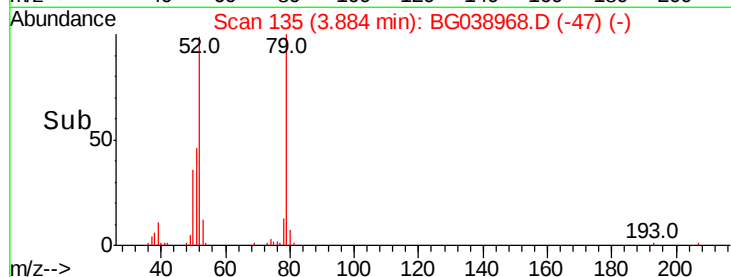
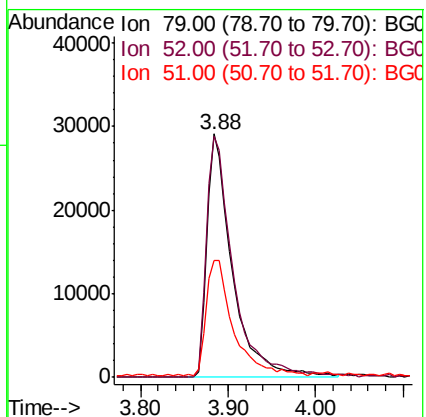
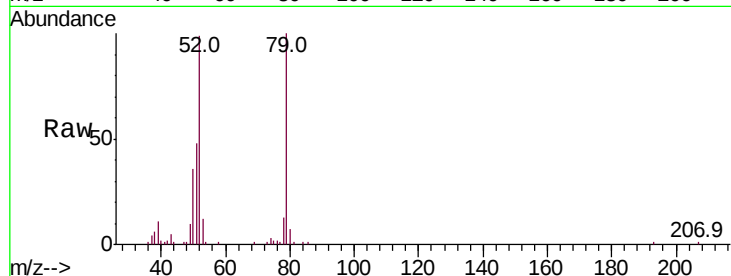
Tot Ion: 79 Resp: 58708

Ion Ratio Lower Upper

79 100

52 99.0 80.2 120.2

51 47.9 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 38.038 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

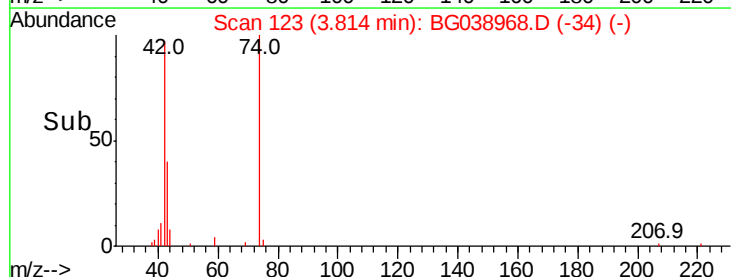
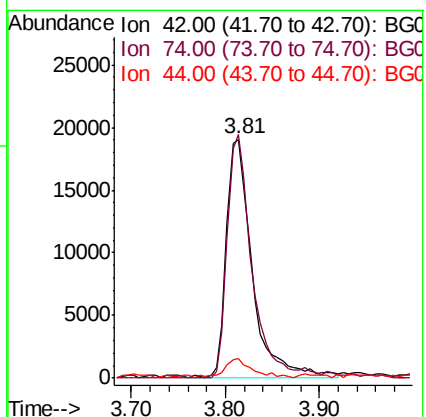
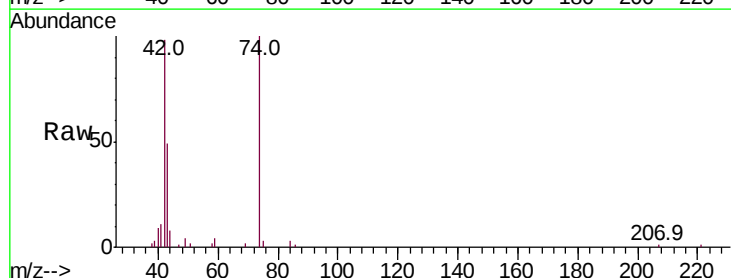
Tgt Ion: 42 Resp: 36941

Ion Ratio Lower Upper

42 100

74 102.0 86.7 130.1

44 8.0 7.8 11.8





#5

2-Fluorophenol

Concen: 120.528 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampled :

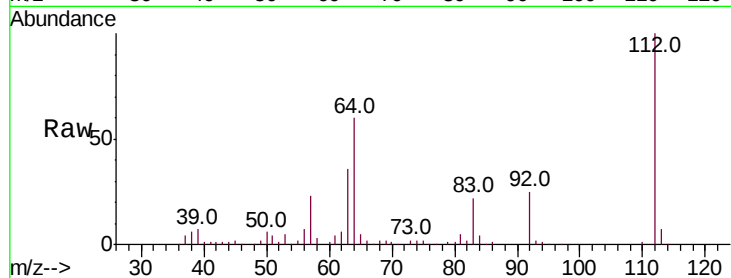
Tot Ion:112 Resp: 186434

Ion Ratio Lower Upper

112 100

64 60.3 53.4 80.2

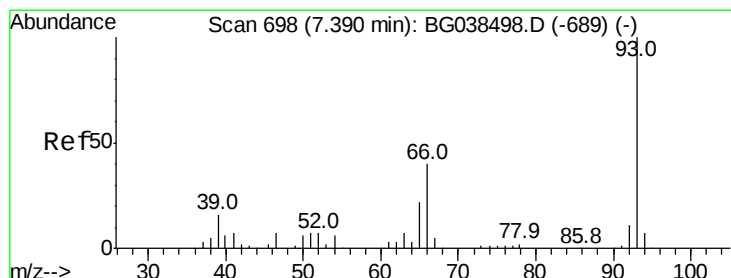
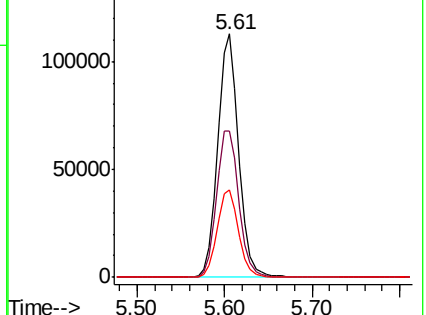
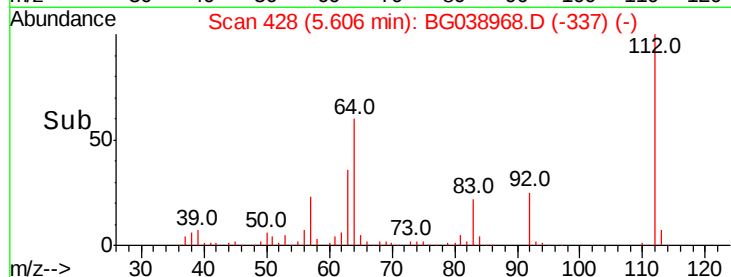
63 36.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.652 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

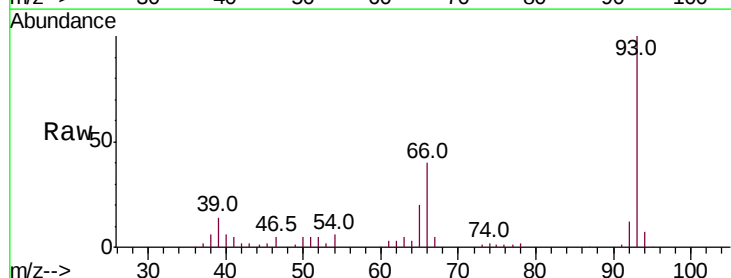
Tgt Ion: 93 Resp: 83090

Ion Ratio Lower Upper

93 100

66 39.9 31.7 47.5

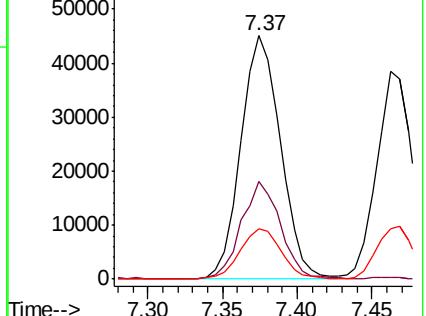
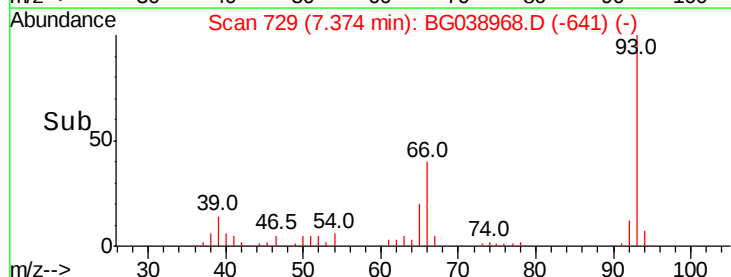
65 20.4 17.8 26.6

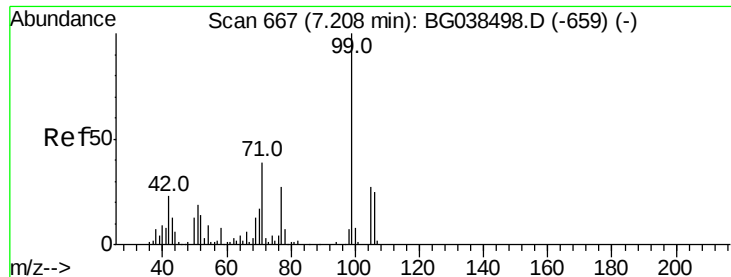


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.752 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

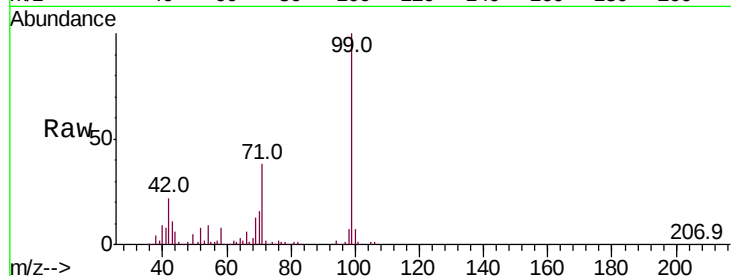
Tot Ion: 99 Resp: 254290

Ion Ratio Lower Upper

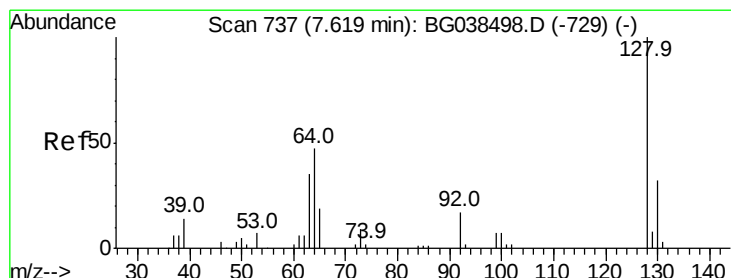
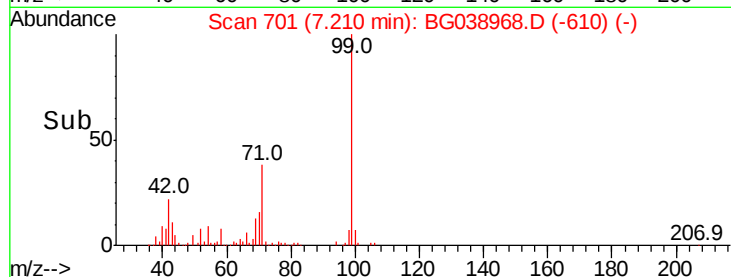
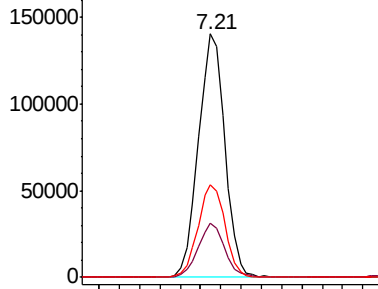
99 100

42 22.0 18.5 27.7

71 38.2 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: 43.995 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

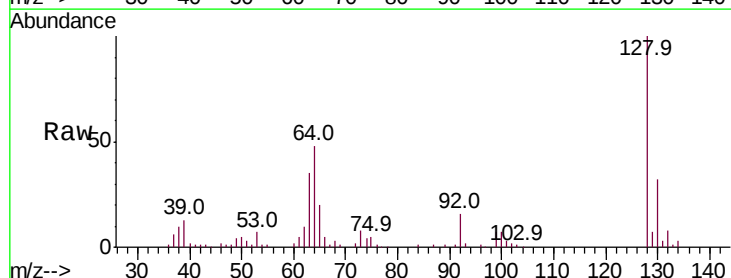
Tgt Ion:128 Resp: 78752

Ion Ratio Lower Upper

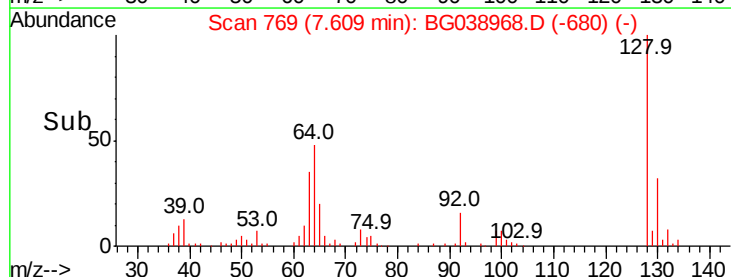
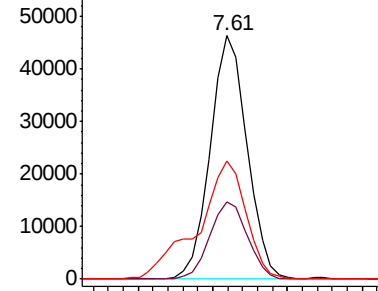
128 100

130 32.0 11.8 51.8

64 48.3 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

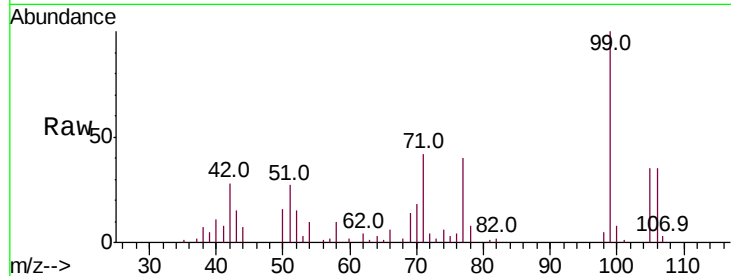




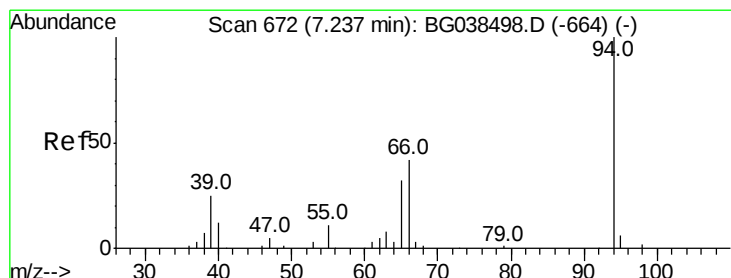
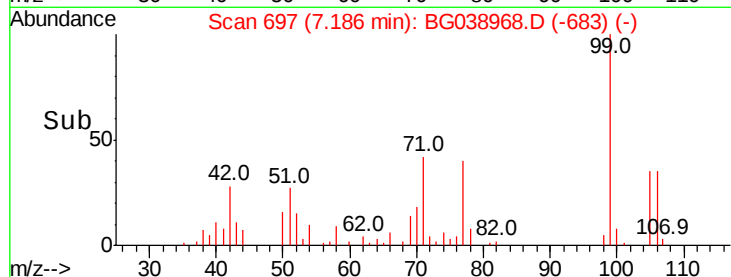
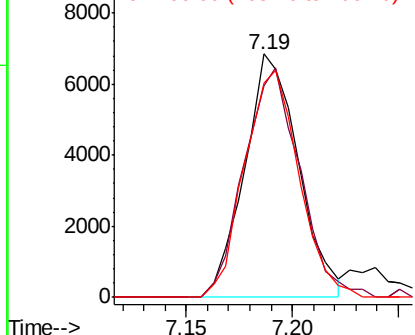
#9
Benzaldehydve
Concen: 8.782 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 12097
Ion Ratio Lower Upper
77 100
105 86.8 74.0 114.0
106 87.9 73.9 113.9

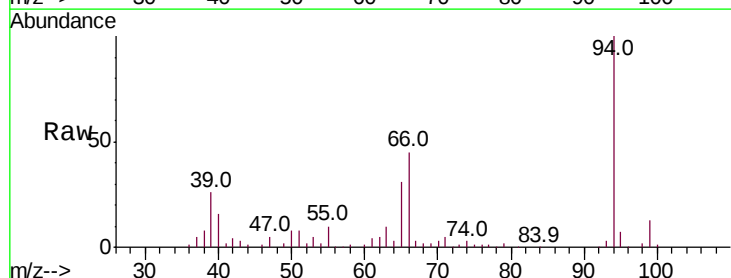


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

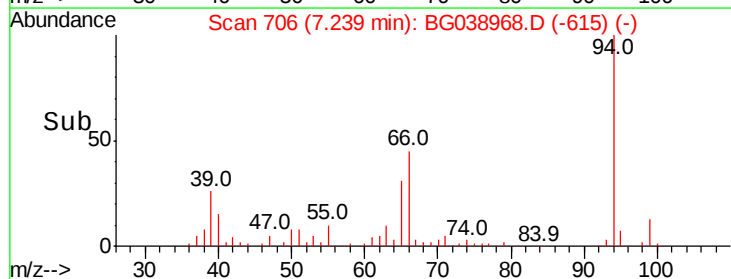
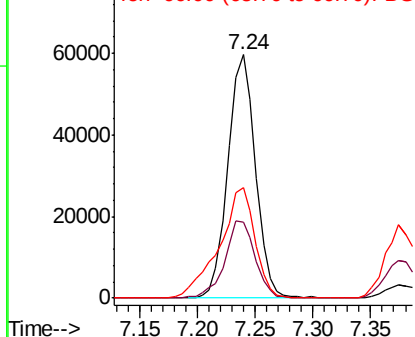


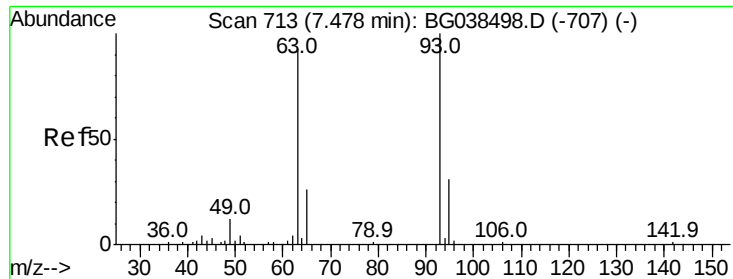
#10
Phenol
Concen: 43.810 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion: 94 Resp: 98833
Ion Ratio Lower Upper
94 100
65 31.4 12.6 52.6
66 45.4 24.1 64.1



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

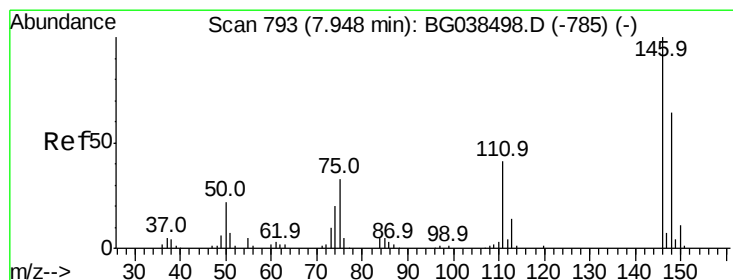
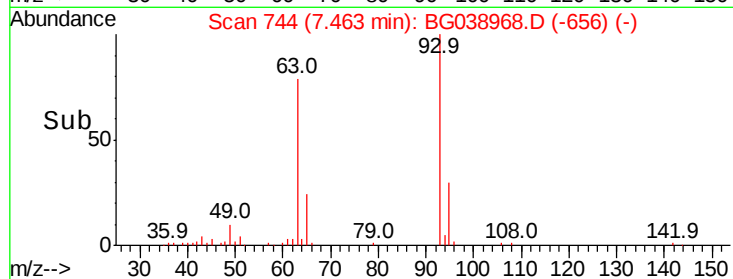
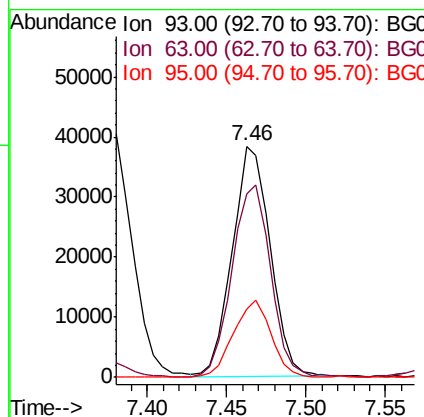
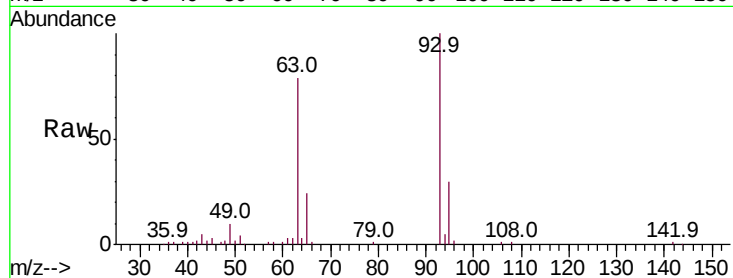




#11
 bis(2-Chloroethyl)ether
 Concen: 35.482 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

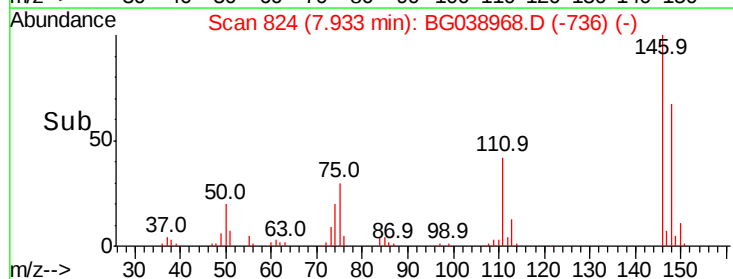
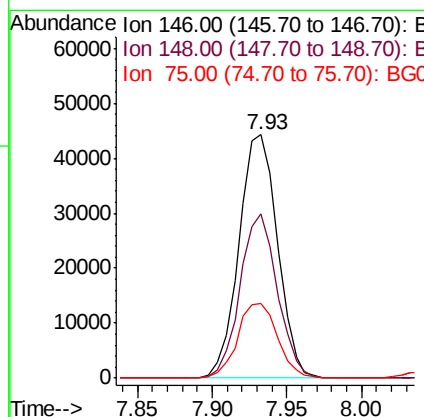
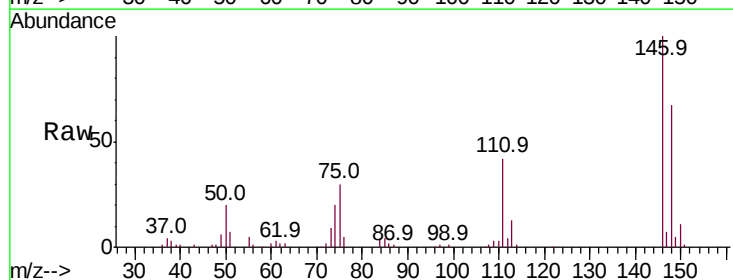
Instrument :
 BNA_G
 ClientSampled :

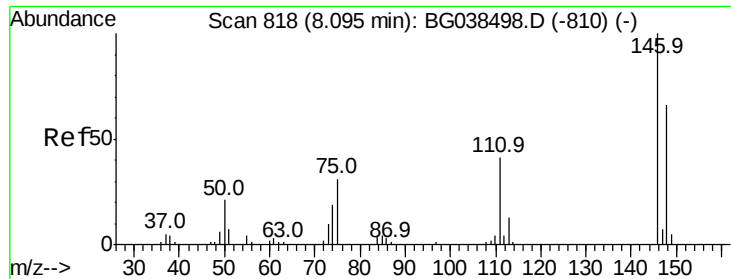
Tot Ion: 93 Resp: 63730
 Ion Ratio Lower Upper
 93 100
 63 79.4 72.2 112.2
 95 29.7 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 37.408 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion: 146 Resp: 79173
 Ion Ratio Lower Upper
 146 100
 148 67.4 51.4 77.0
 75 30.5 26.1 39.1

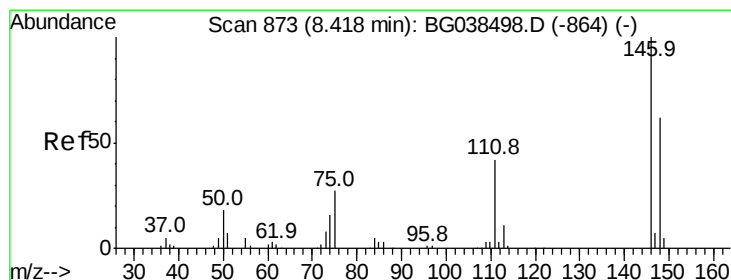
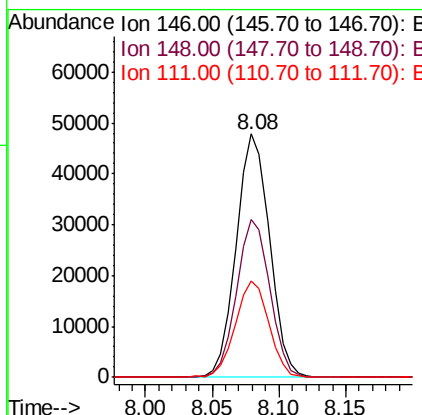
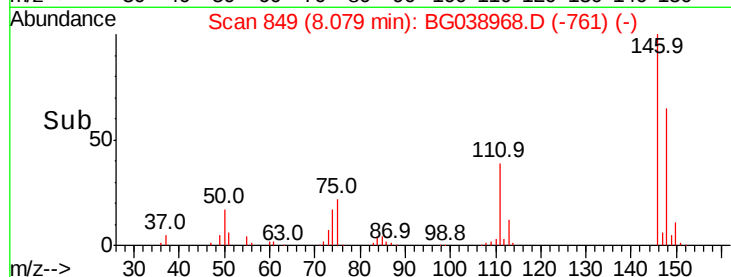
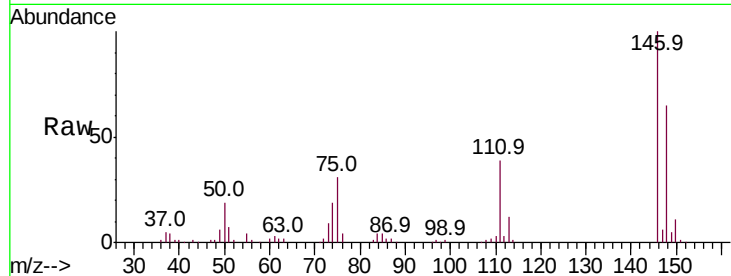




#13
 1,4-Dichlorobenzene
 Concen: 38.146 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

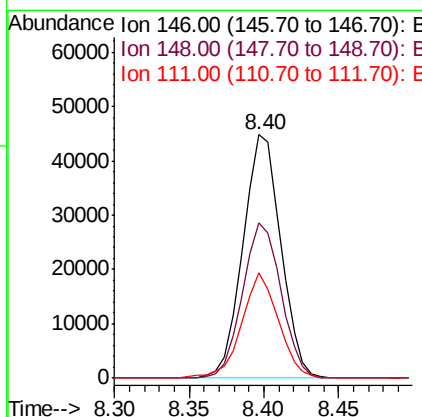
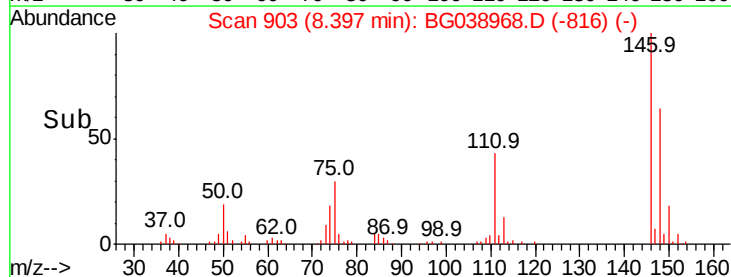
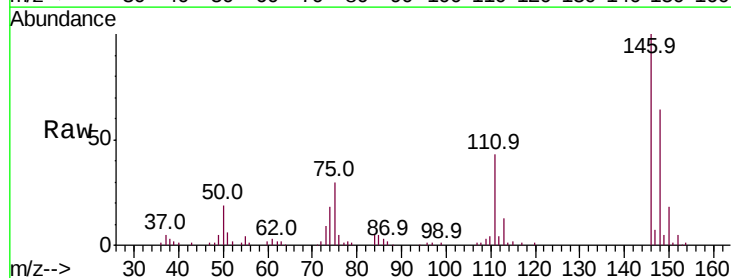
Instrument :
 BNA_G
 ClientSampleId :

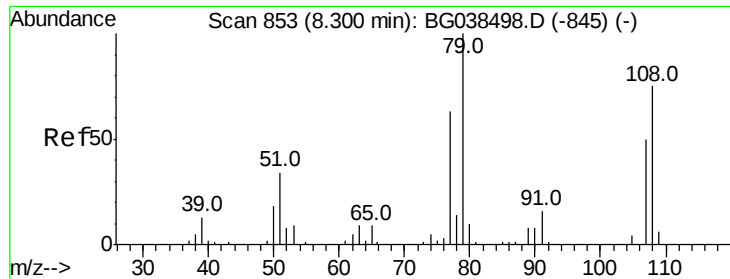
Tot Ion:146 Resp: 82686
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.4 78.6
 111 39.4 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 38.505 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion:146 Resp: 78685
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.4 74.0
 111 43.2 33.8 50.6

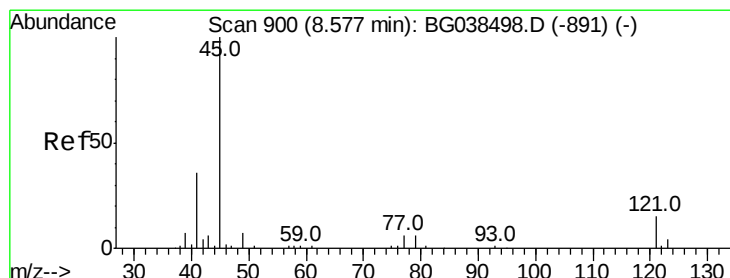
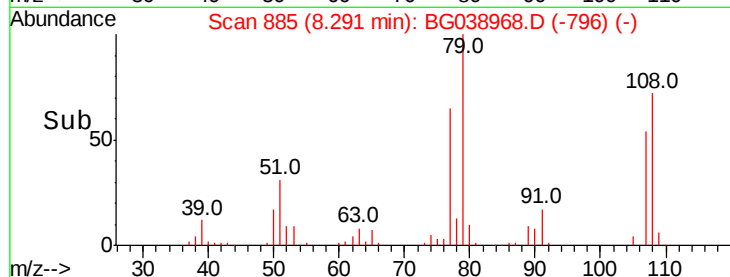
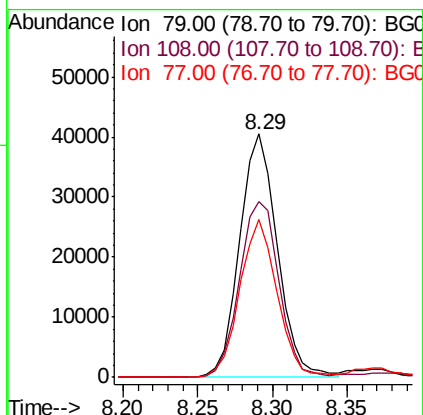
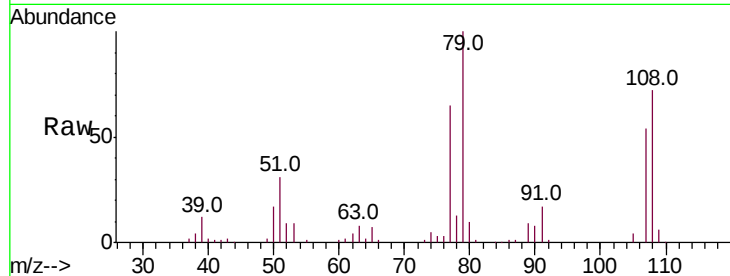




#15
Benzyl Alcohol
Concen: 42.793 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

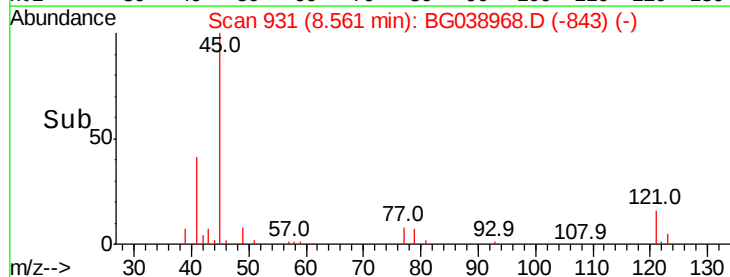
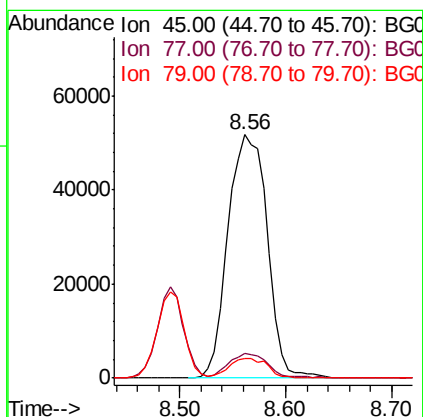
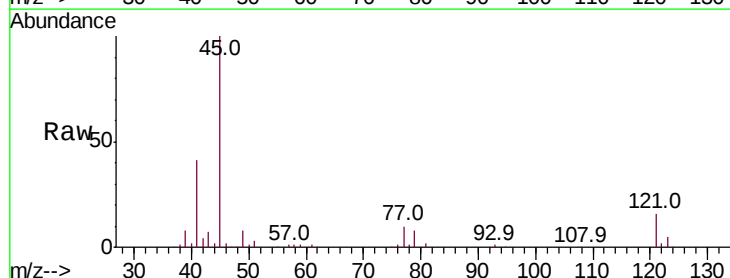
Instrument :
BNA_G
ClientSampled :

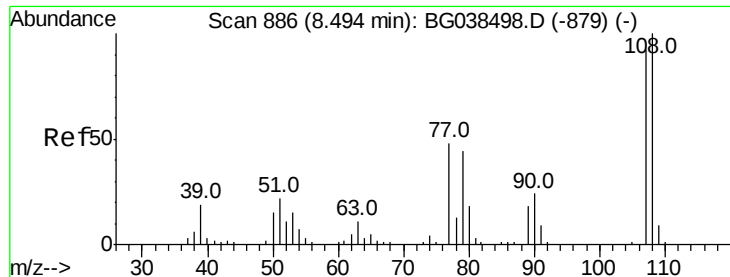
Tot Ion: 79 Resp: 70928
Ion Ratio Lower Upper
79 100
108 72.2 60.2 90.4
77 64.8 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.342 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion: 45 Resp: 133070
Ion Ratio Lower Upper
45 100
77 10.0 0.0 28.2
79 7.8 0.0 27.2

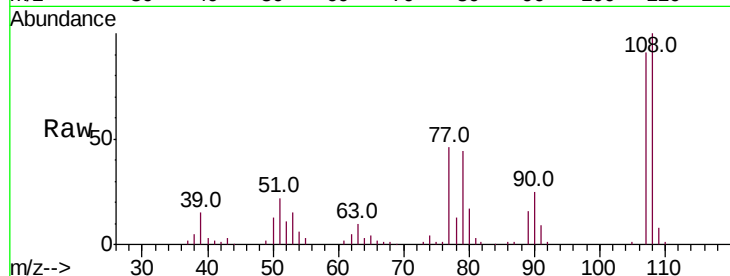




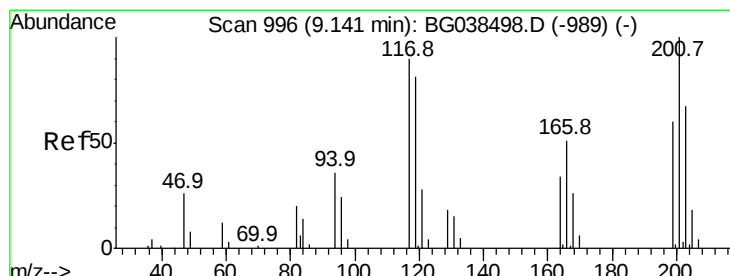
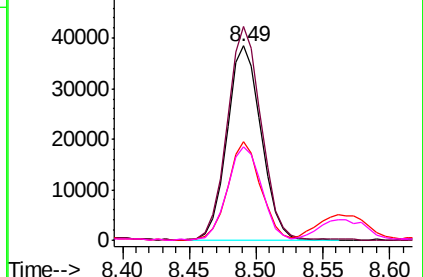
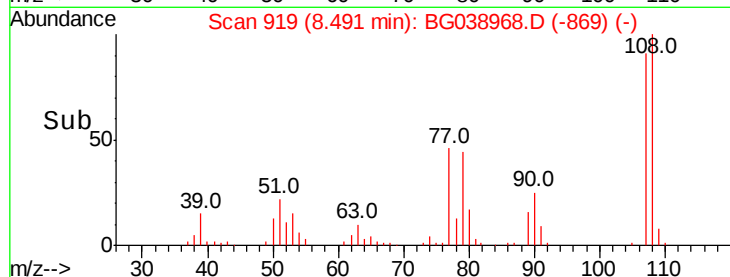
#17
2-Methylphenol
Concen: 45.237 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 68374
Ion Ratio Lower Upper
107 100
108 110.1 87.1 130.7
77 50.8 42.0 63.0
79 48.0 38.2 57.2

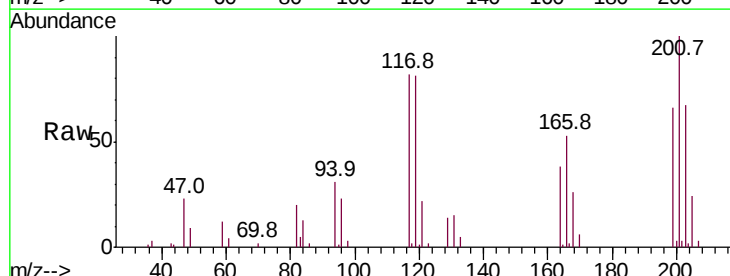


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

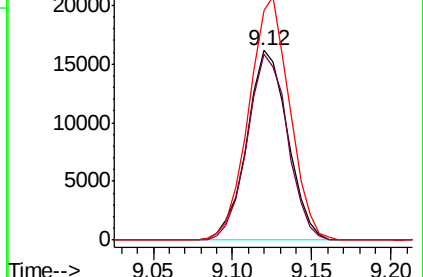
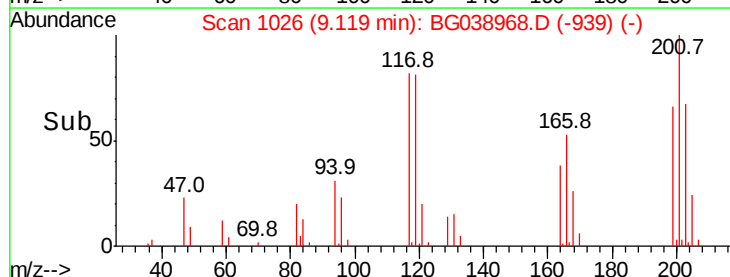


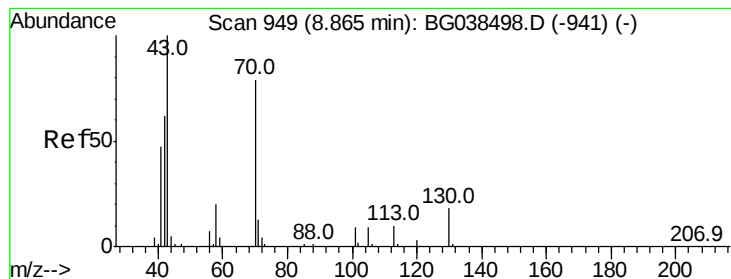
#18
Hexachloroethane
Concen: 36.552 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:117 Resp: 28952
Ion Ratio Lower Upper
117 100
119 96.1 73.8 110.8
201 122.7 89.4 134.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.250 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 55555

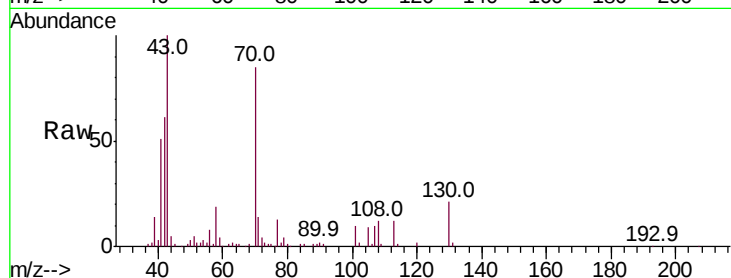
Ion Ratio Lower Upper

70 100

42 71.0 63.6 95.4

101 11.3 9.2 13.8

130 24.2 18.5 27.7



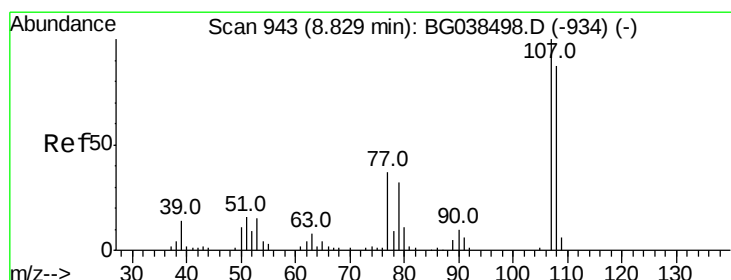
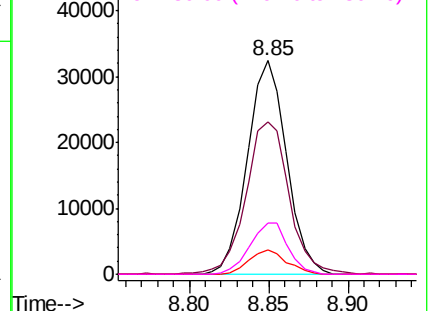
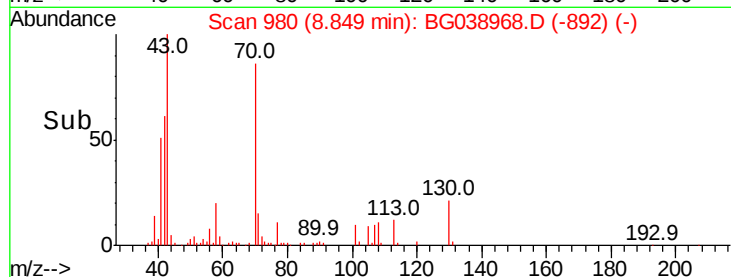
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 44.966 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Tgt Ion:107 Resp: 93862

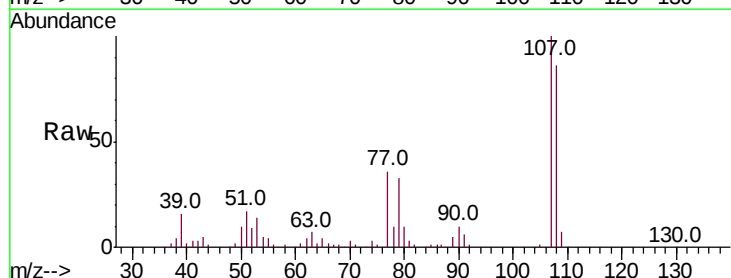
Ion Ratio Lower Upper

107 100

108 86.1 66.7 106.7

77 36.1 17.3 57.3

79 32.8 12.3 52.3



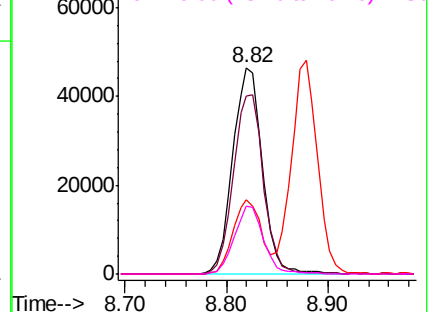
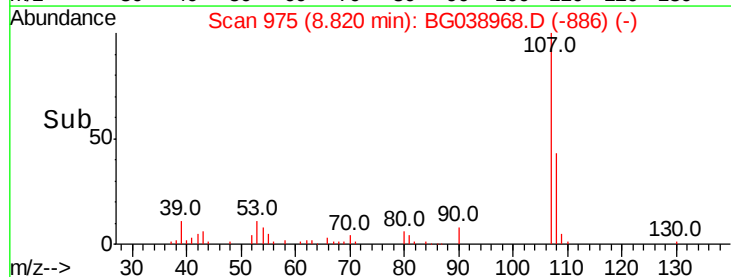
Abundance

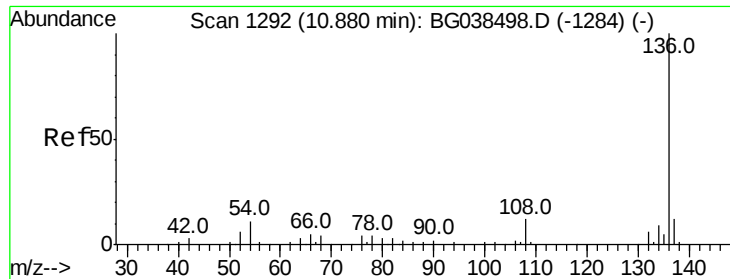
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

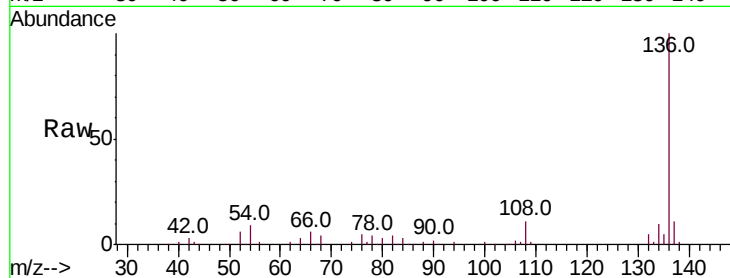




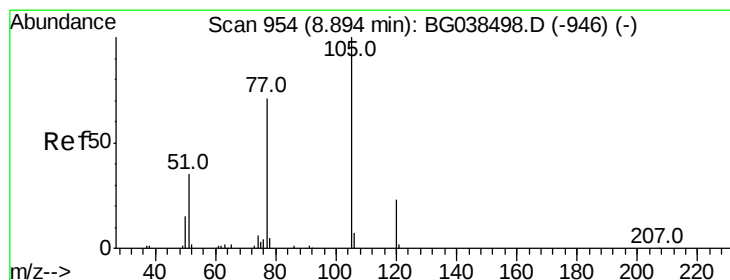
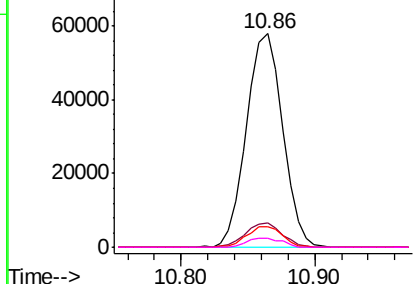
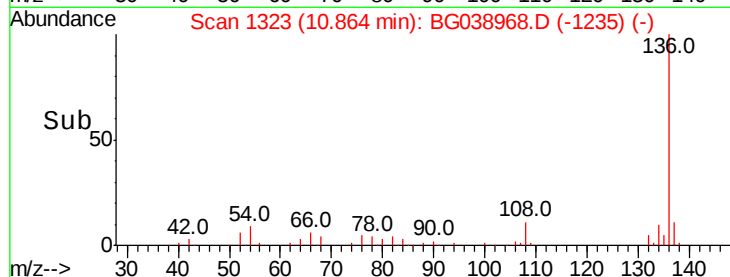
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	108878
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.3 13.9
54	9.3	8.5 12.7
68	4.3	3.5 5.3

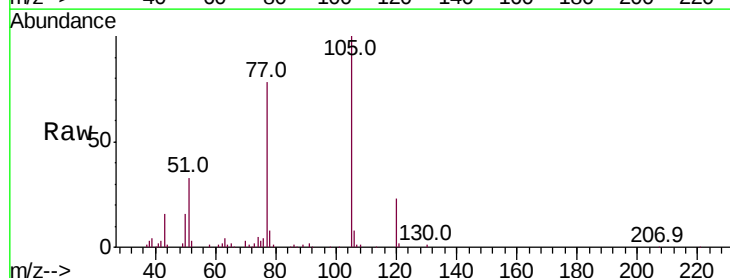


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

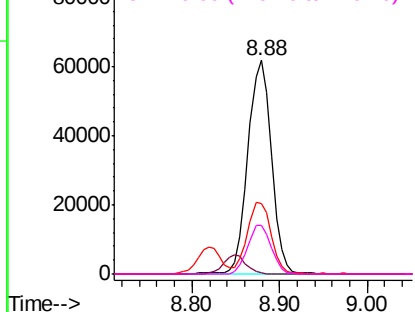
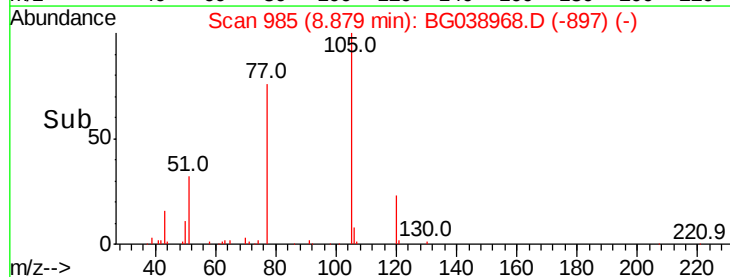


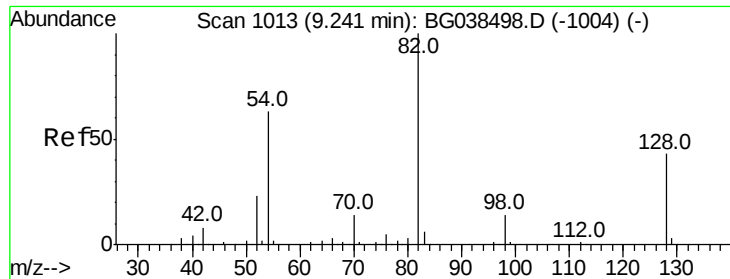
#22
Acetophenone
Concen: 41.382 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:105	Resp:	112540
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.4 0.6
51	33.0	30.6 46.0
120	22.5	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

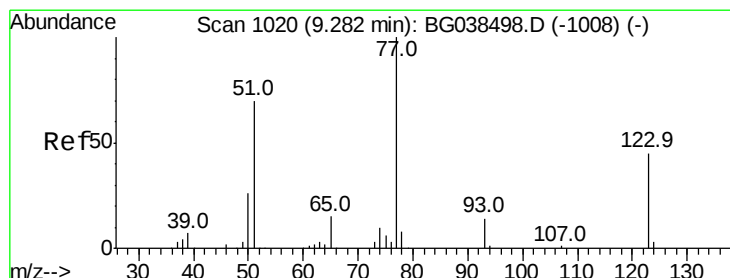
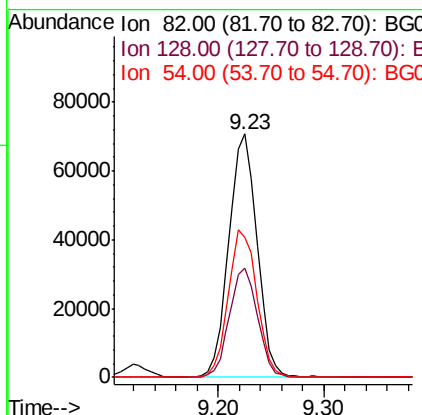
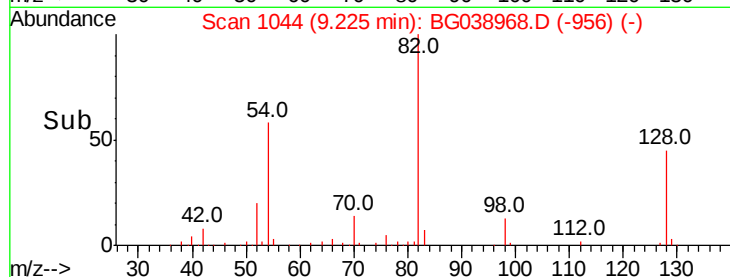
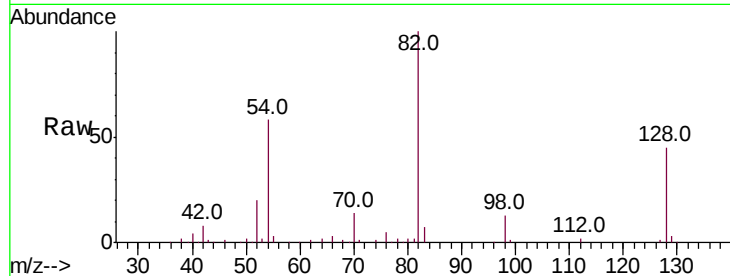




#23
 Nitrobenzene-d5
 Concen: 61.090 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

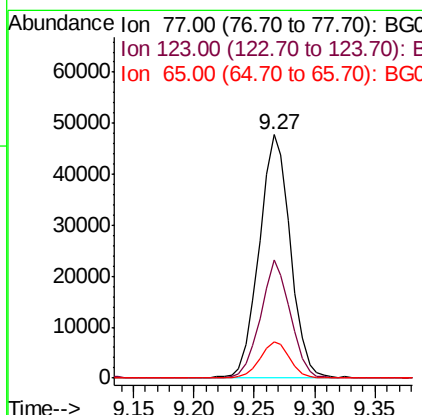
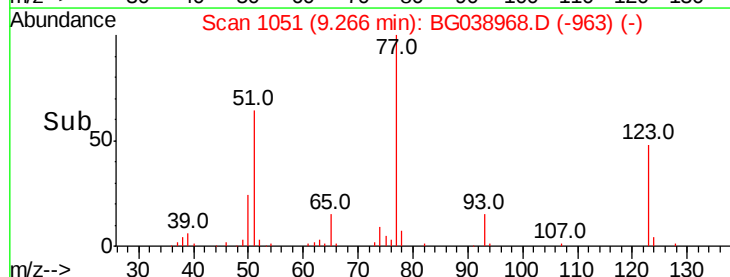
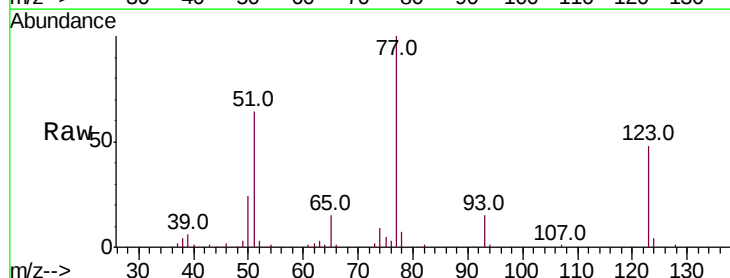
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 130196
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 52.0
 54 57.6 50.6 76.0



#24
 Nitrobenzene
 Concen: 39.900 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion: 77 Resp: 86024
 Ion Ratio Lower Upper
 77 100
 123 48.3 35.9 53.9
 65 15.1 12.0 18.0





#25

Isophorone

Concen: 40.676 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampled :

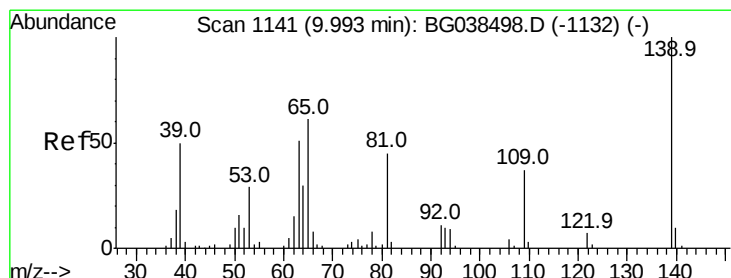
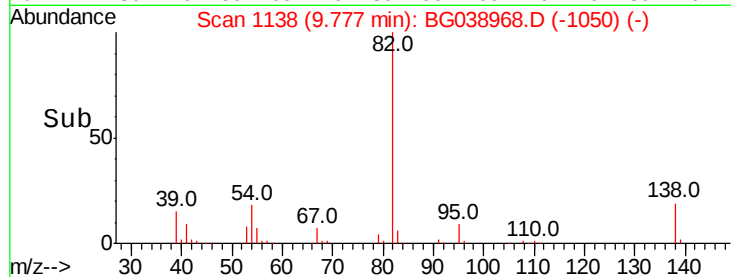
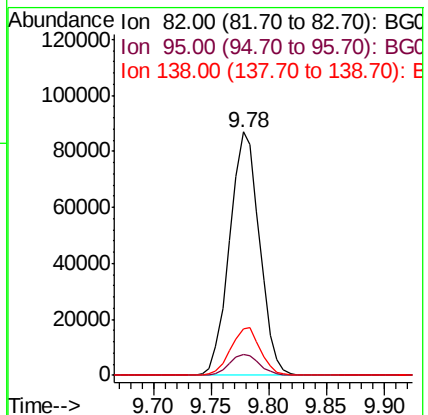
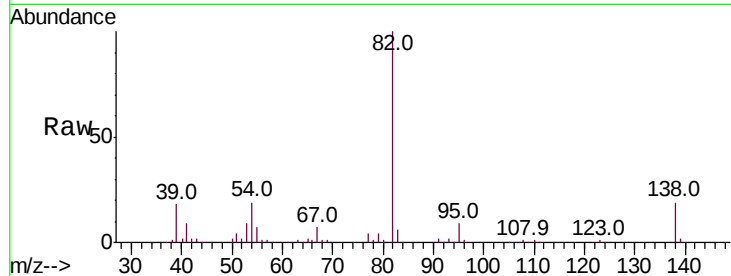
Tot Ion: 82 Resp: 155757

Ion Ratio Lower Upper

82 100

95 8.7 6.1 9.1

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 42.182 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

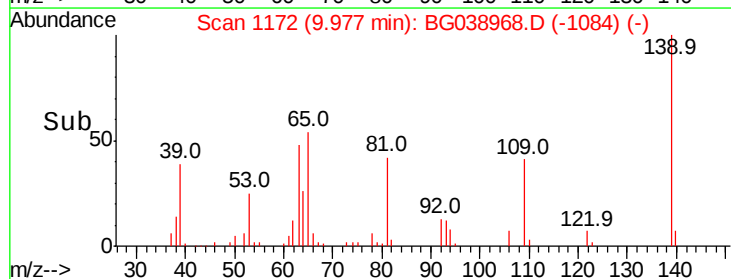
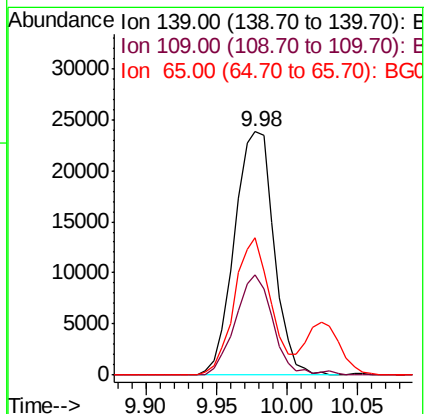
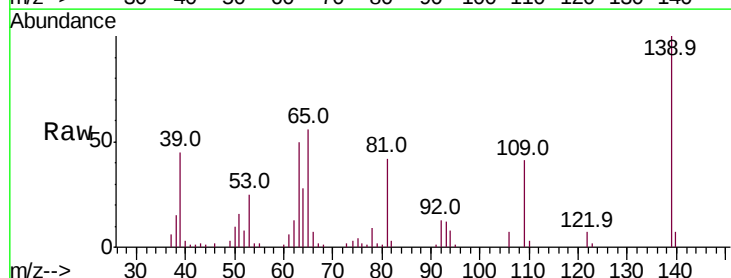
Tgt Ion: 139 Resp: 46547

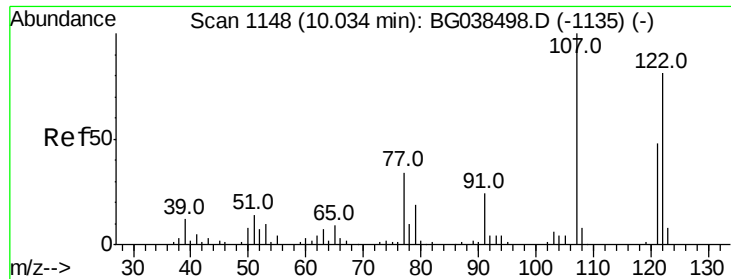
Ion Ratio Lower Upper

139 100

109 41.0 29.5 44.3

65 56.4 48.5 72.7

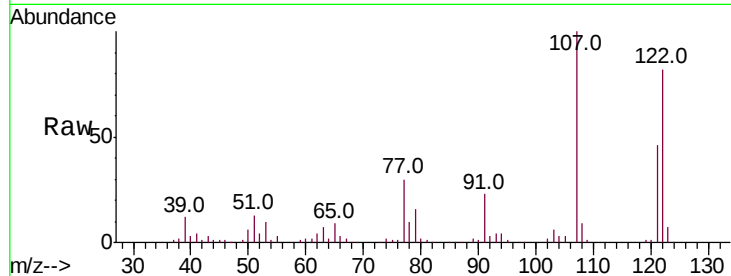




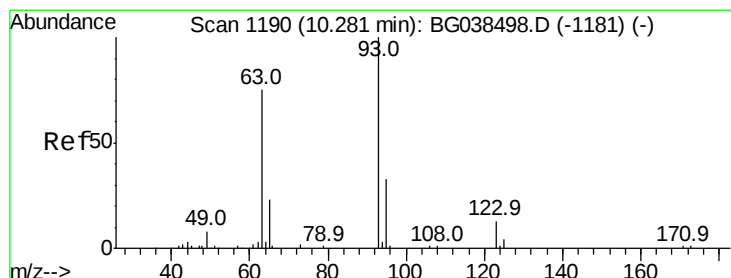
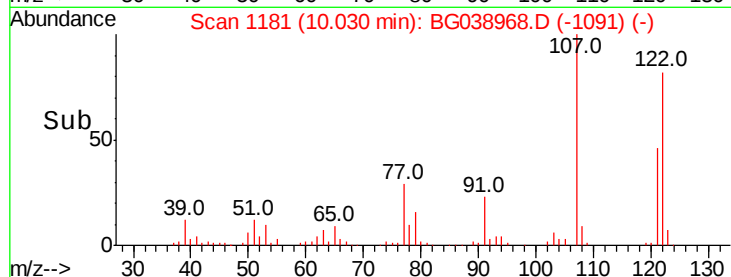
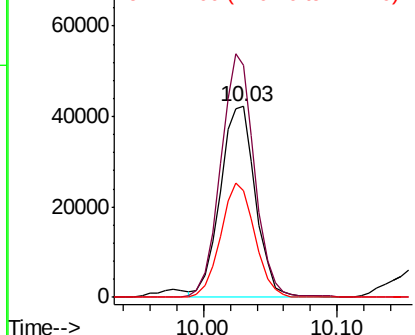
#27
 2,4-Dimethylphenol
 Concen: 49.492 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 78270
 Ion Ratio Lower Upper
 122 100
 107 121.6 98.4 147.6
 121 56.2 47.2 70.8

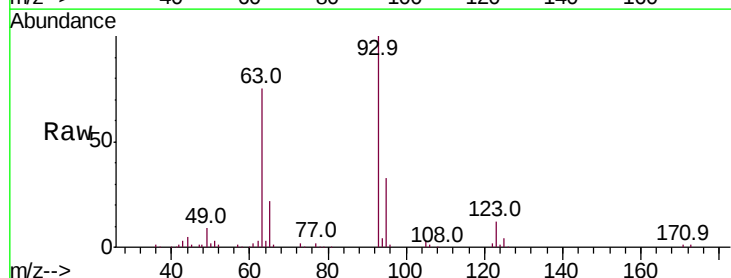


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

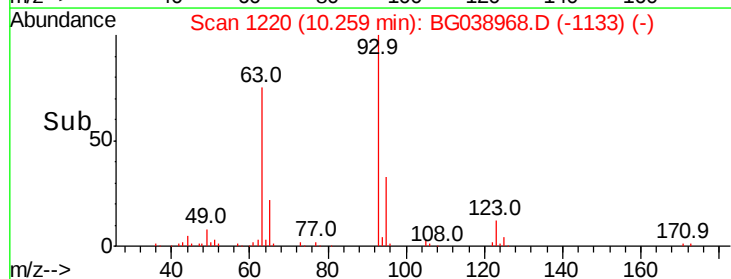
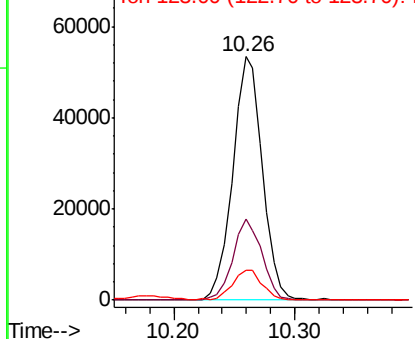


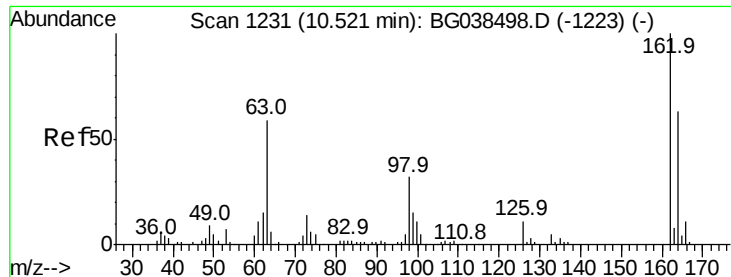
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.105 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion: 93 Resp: 90985
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 40.0
 123 12.4 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

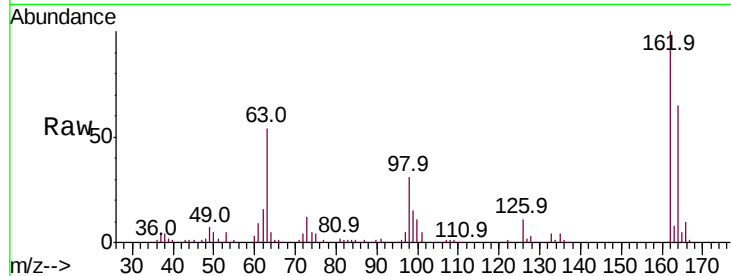




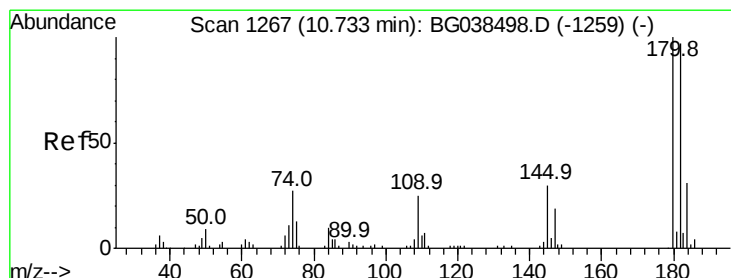
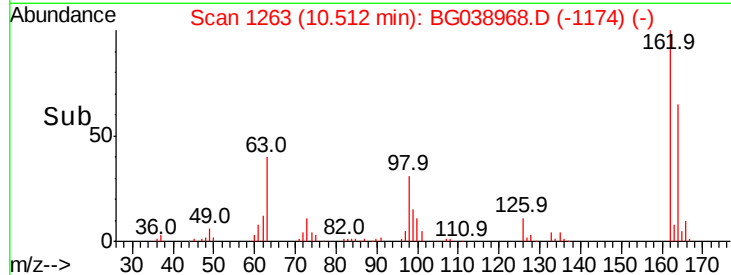
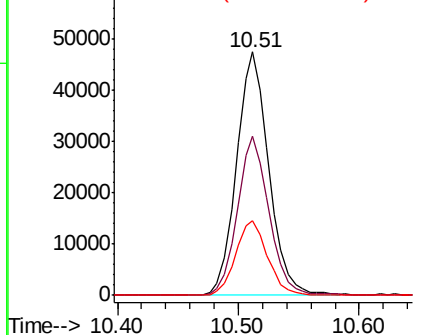
#29
 2,4-Dichlorophenol
 Concen: 49.971 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 87918
 Ion Ratio Lower Upper
 162 100
 164 65.4 42.9 82.9
 98 30.6 12.1 52.1

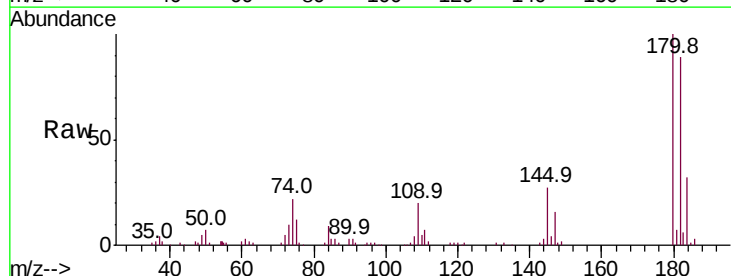


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

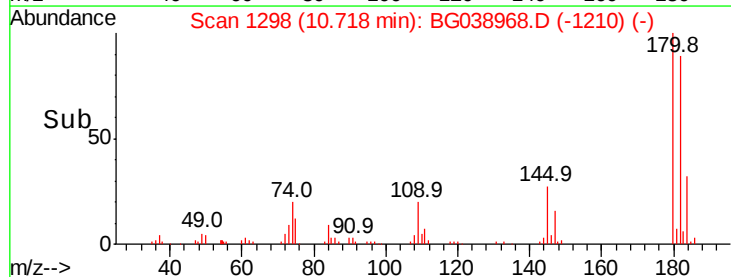
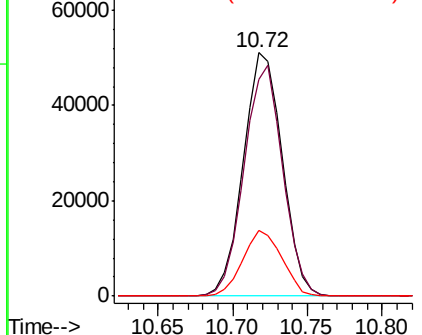


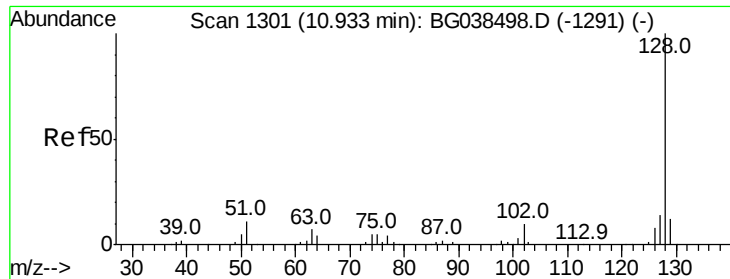
#30
 1,2,4-Trichlorobenzene
 Concen: 43.410 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion:180 Resp: 92252
 Ion Ratio Lower Upper
 180 100
 182 88.8 77.4 116.0
 145 27.1 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

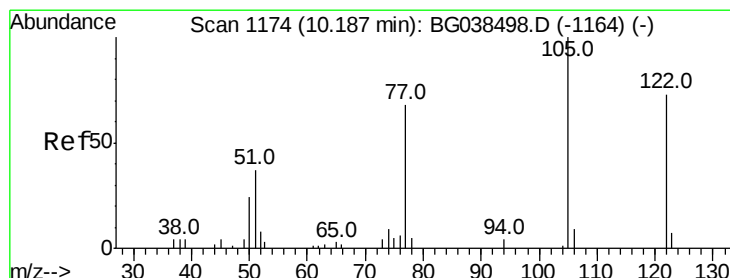
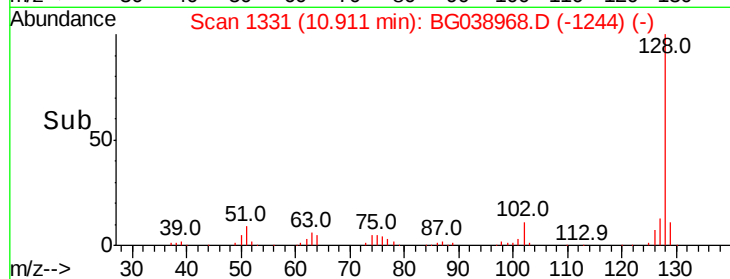
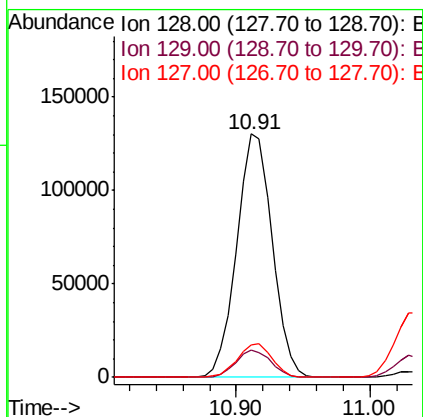
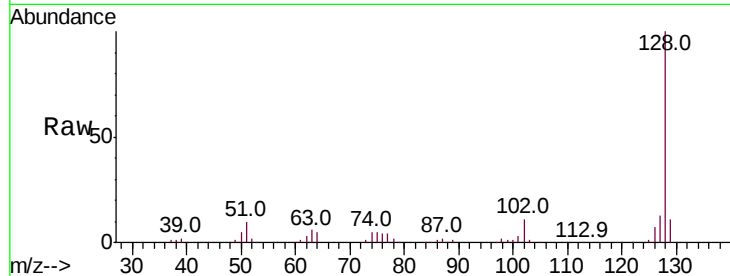




#31
Naphthalene
Concen: 44.659 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

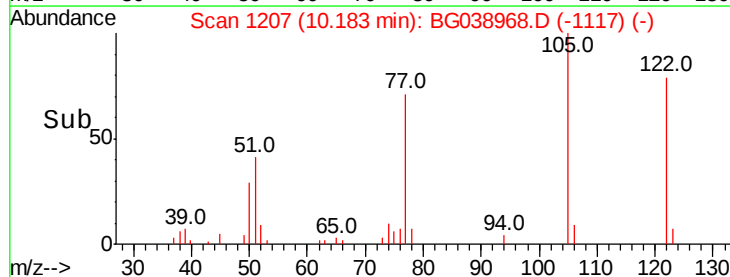
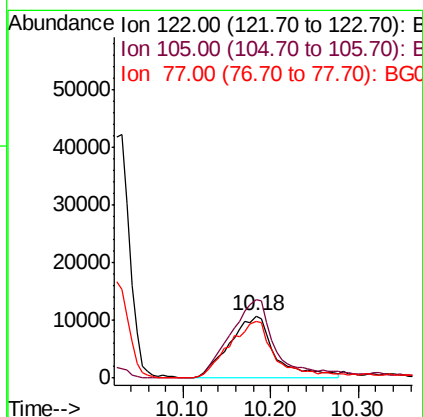
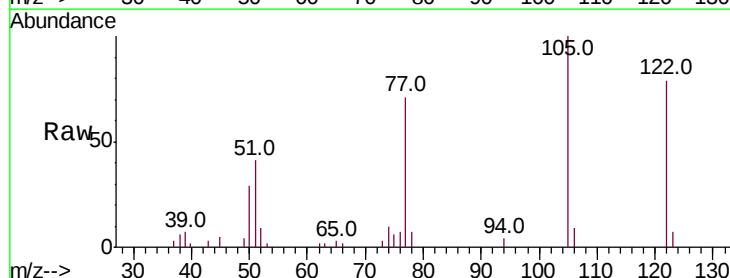
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 239572
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 40.417 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:122 Resp: 38554
Ion Ratio Lower Upper
122 100
105 126.7 116.7 156.7
77 90.5 72.5 112.5

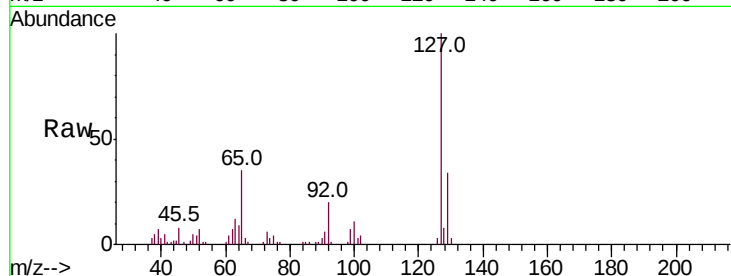




#33
4-Chloroaniline
Concen: 30.119 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.8	38.8
65	34.5	27.8	41.6
92	19.5	17.0	25.6



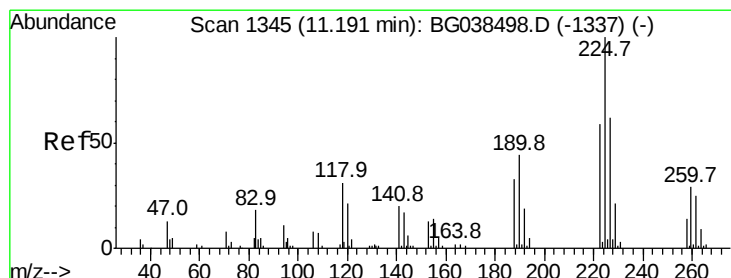
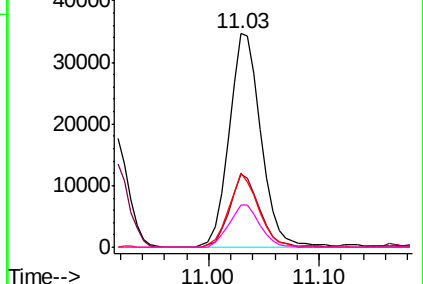
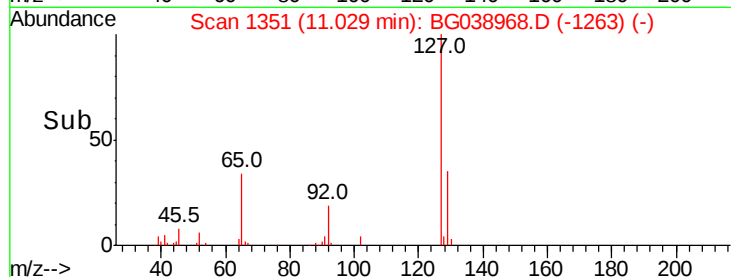
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

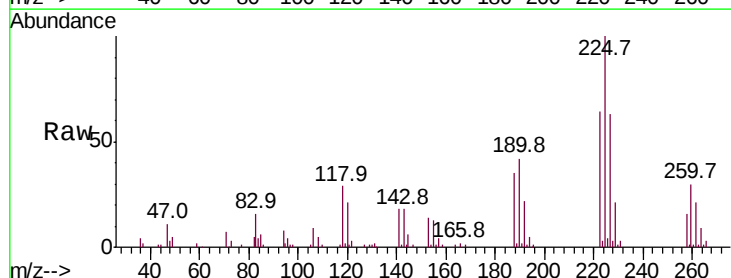
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.879 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	45.0	67.6
227	62.8	50.6	75.8

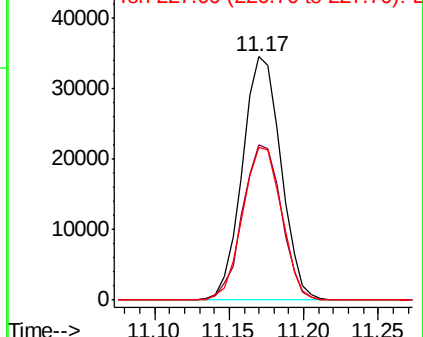
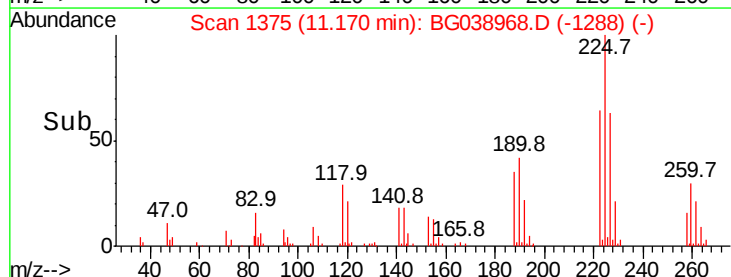


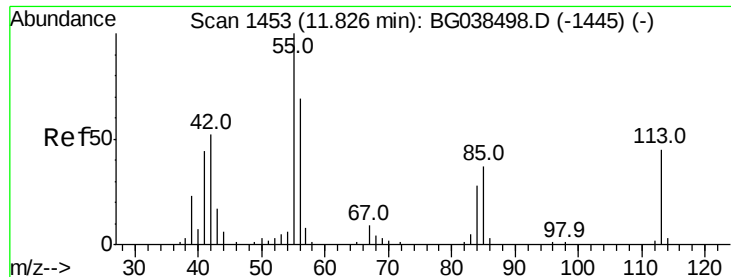
Abundance

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: 21.607 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

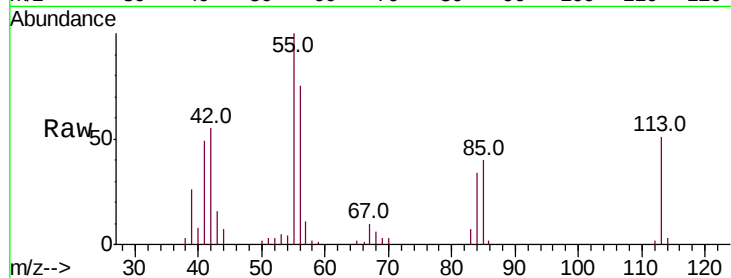
Tot Ion:113 Resp: 15732

Ion Ratio Lower Upper

113 100

55 196.8 204.3 244.3#

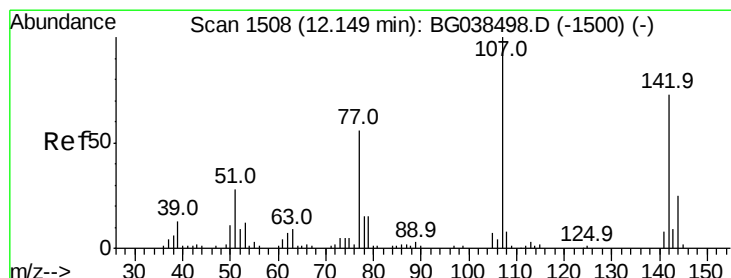
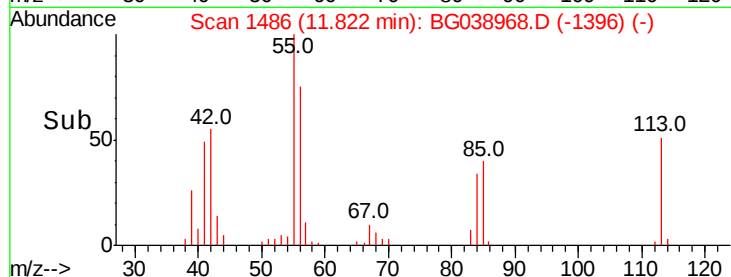
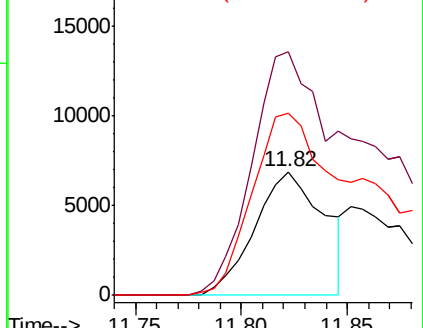
56 147.2 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.523 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

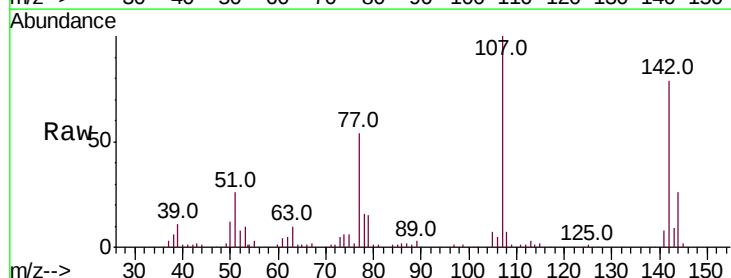
Tgt Ion:107 Resp: 89390

Ion Ratio Lower Upper

107 100

144 26.2 20.1 30.1

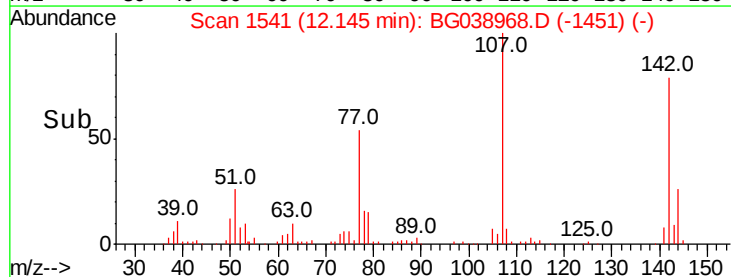
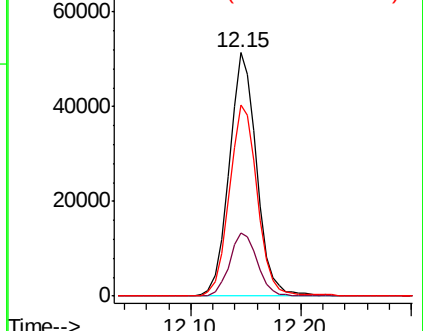
142 78.7 58.7 88.1

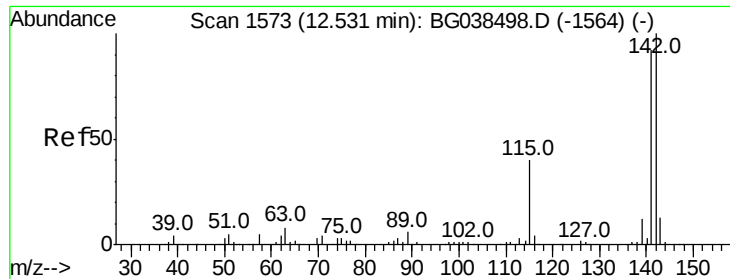


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

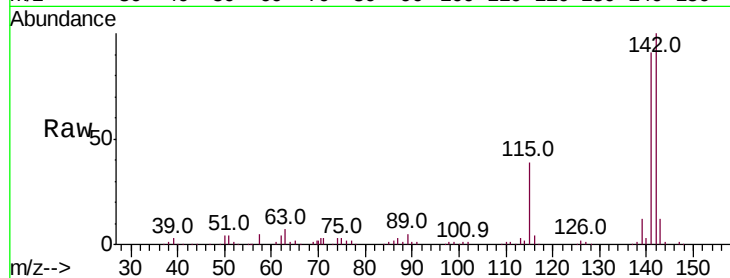




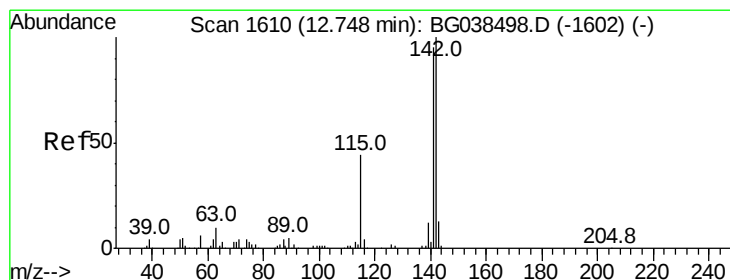
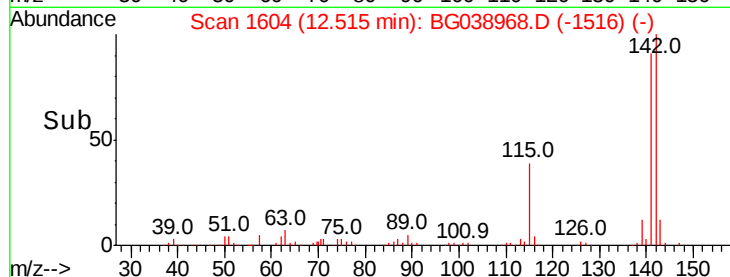
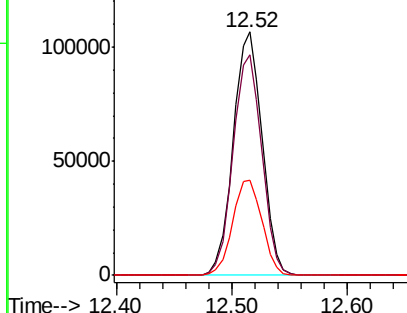
#37
2-Methylnaphthalene
Concen: 48.125 ng
RT: 12.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 184179
Ion Ratio Lower Upper
142 100
141 90.5 73.5 110.3
115 39.1 31.7 47.5

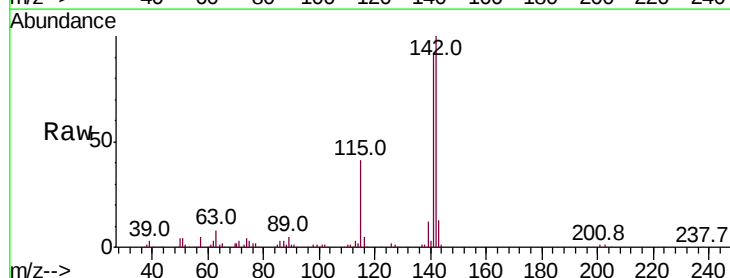


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

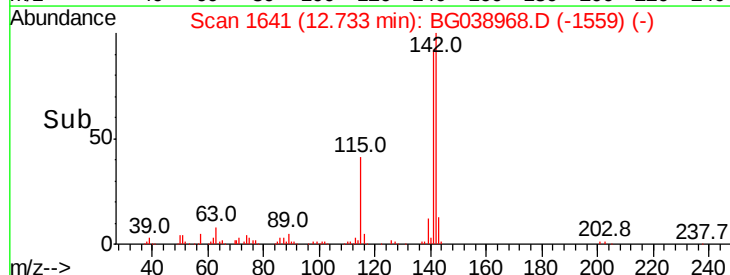
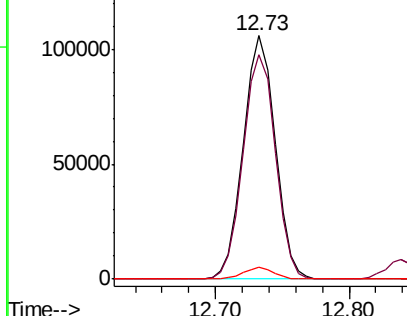


#38
1-Methylnaphthalene
Concen: 47.215 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:142 Resp: 175345
Ion Ratio Lower Upper
142 100
141 92.2 75.8 113.8
116 4.8 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

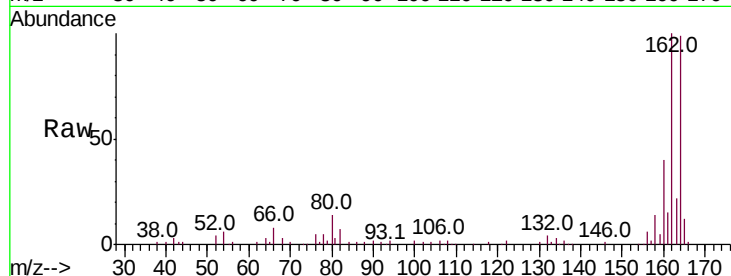
Tot Ion:164 Resp: 75753

Ion Ratio Lower Upper

164 100

162 101.4 86.6 130.0

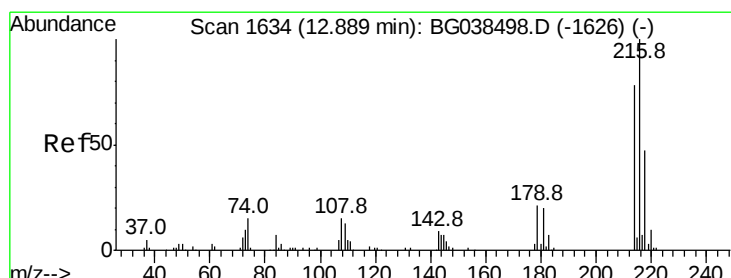
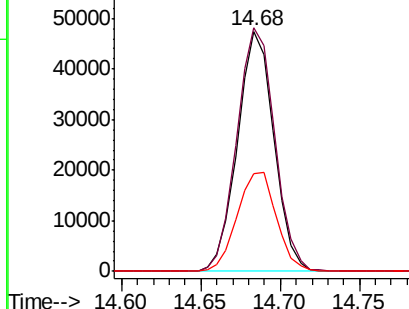
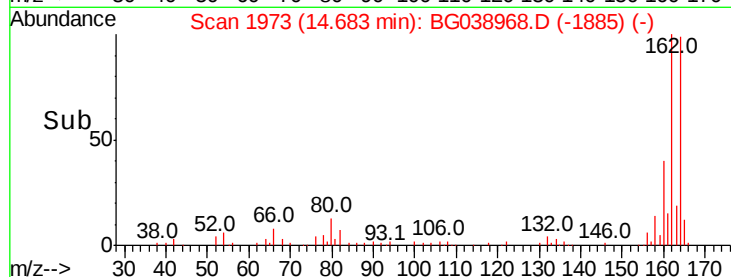
160 40.7 34.2 51.2



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: 40.250 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Tgt Ion:216 Resp: 113973

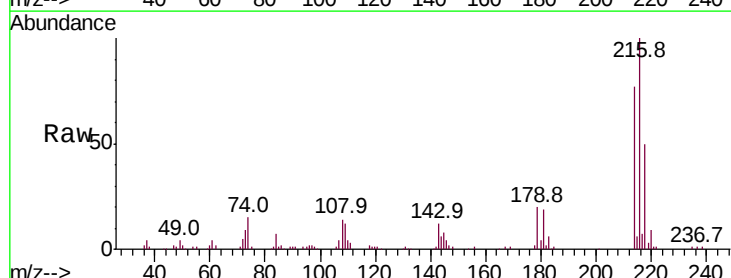
Ion Ratio Lower Upper

216 100

214 78.9 64.1 96.1

179 19.9 16.4 24.6

108 13.4 13.9 20.9#

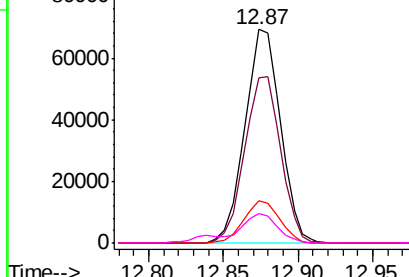
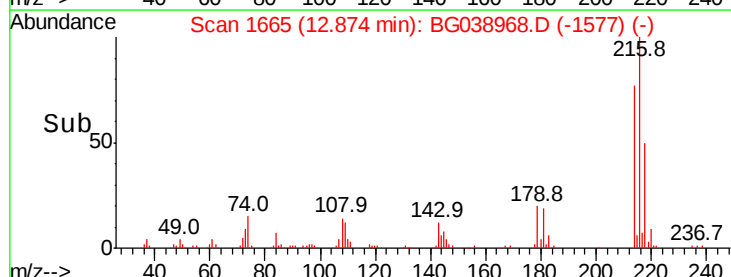


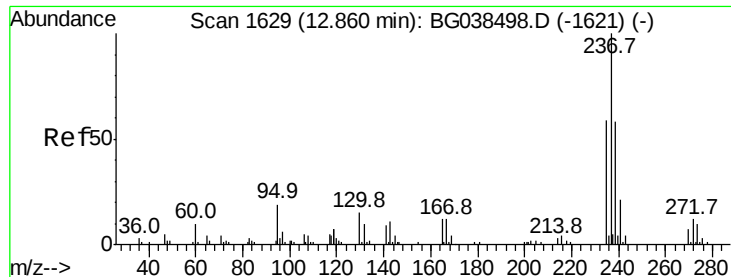
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.057 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampled :

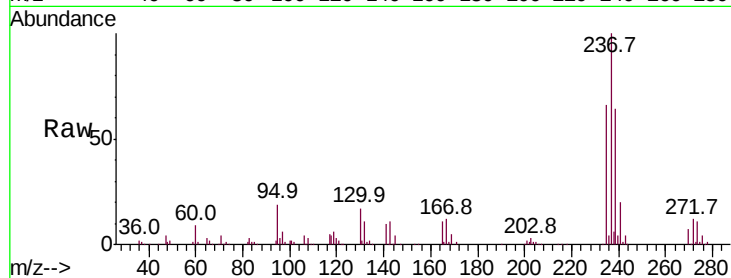
Tot Ion:237 Resp: 135432

Ion Ratio Lower Upper

237 100

235 66.4 38.8 78.8

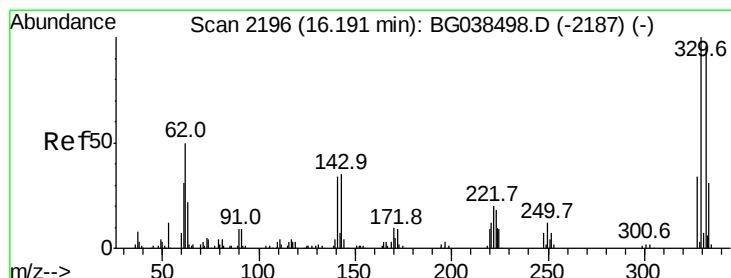
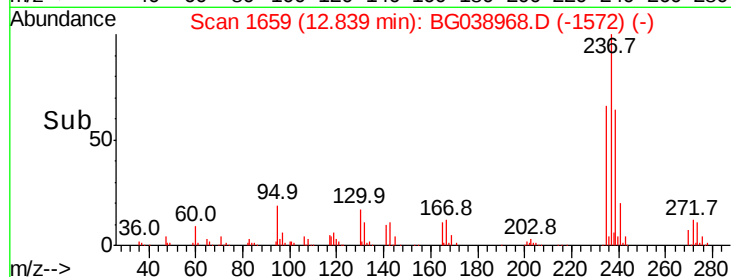
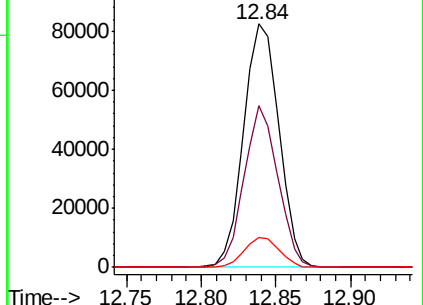
272 12.0 0.0 32.0



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: 130.124 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

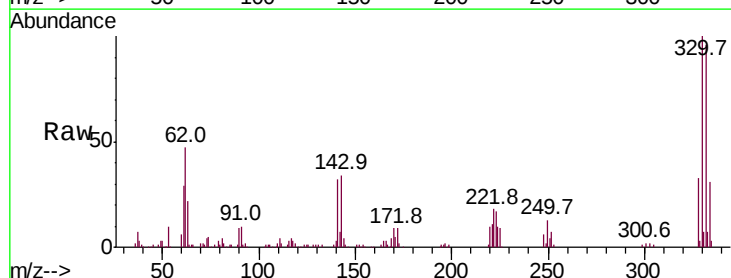
Tgt Ion:330 Resp: 135851

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

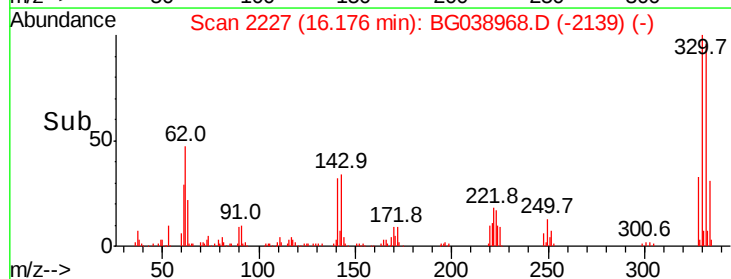
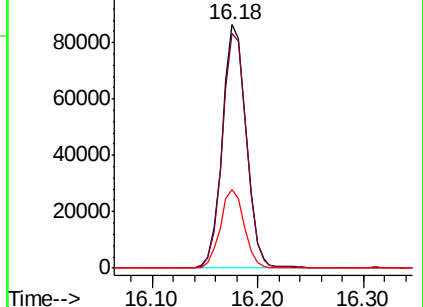
141 32.2 28.8 43.2

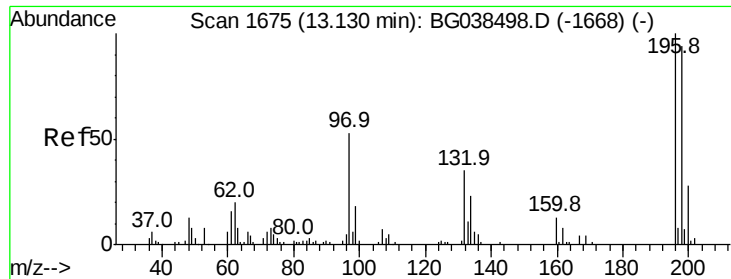


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

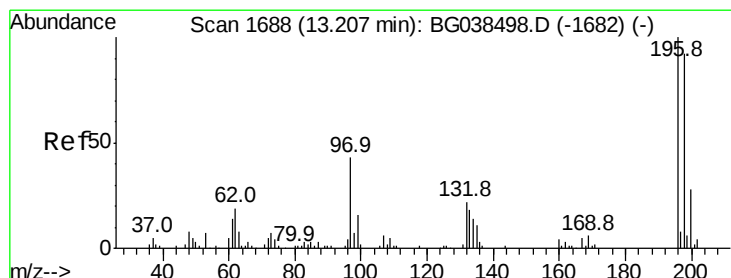
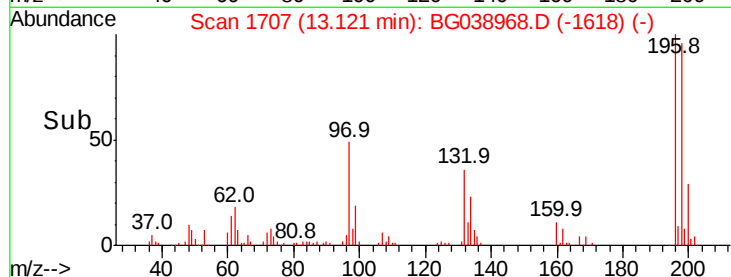
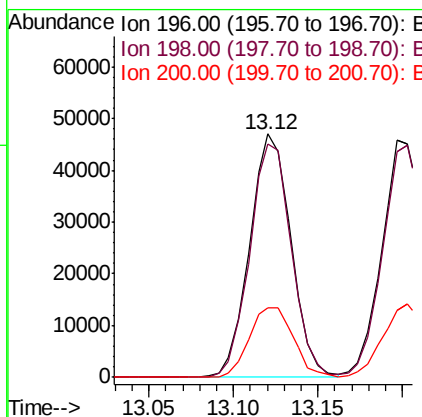
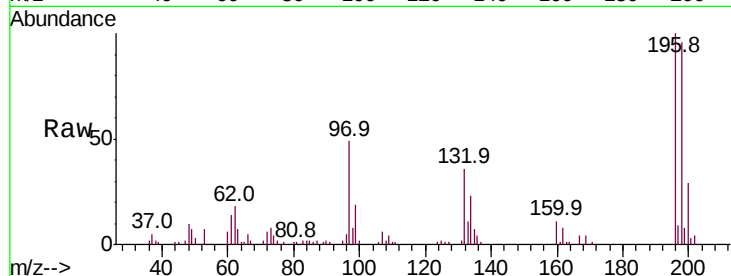




#43
 2,4,6-Trichlorophenol
 Concen: 46.012 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

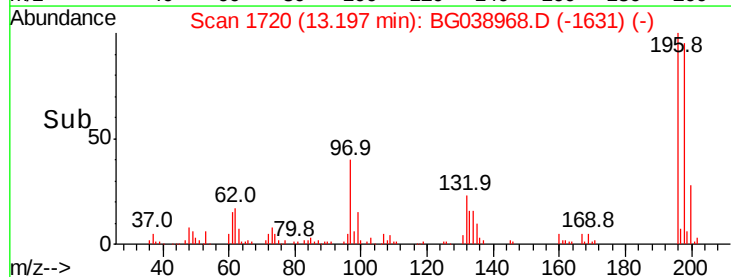
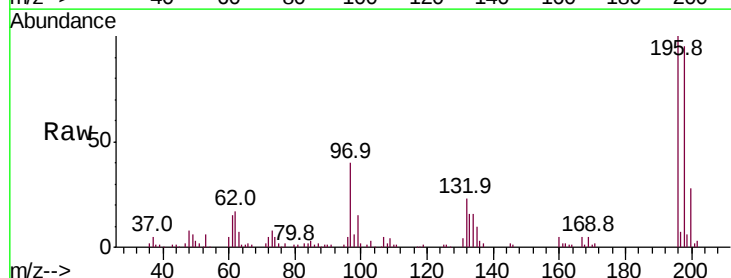
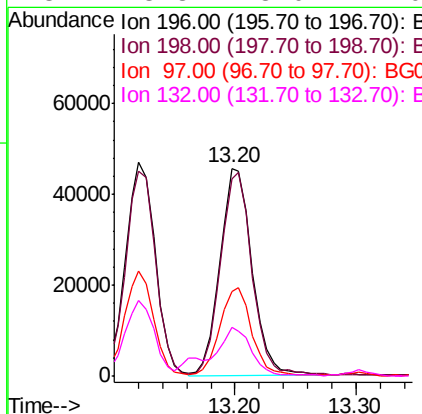
Instrument :
 BNA_G
 ClientSampled :

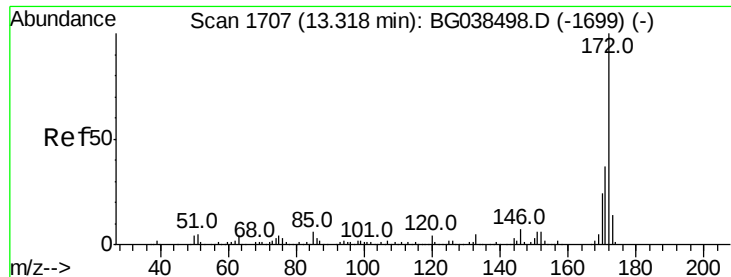
Tot Ion	196	Resp	80109
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.0	112.4
200	28.8	22.4	33.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.292 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion	196	Resp	83490
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.0	111.0
97	40.5	35.1	52.7
132	23.3	18.0	27.0

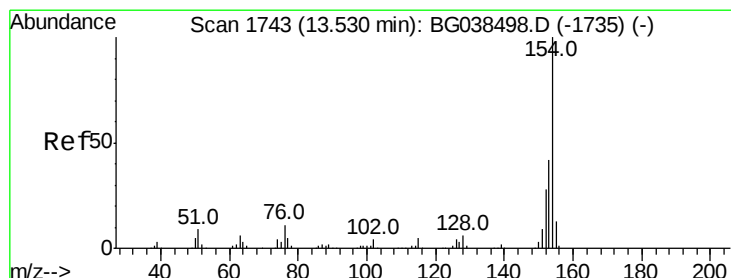
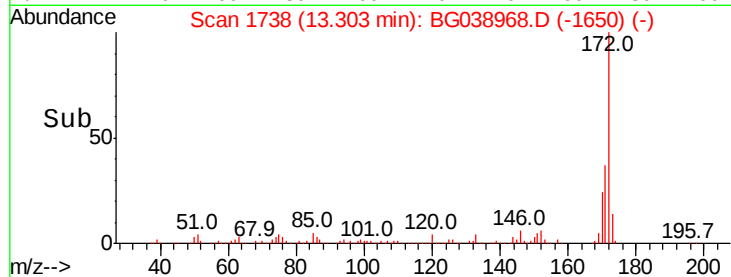
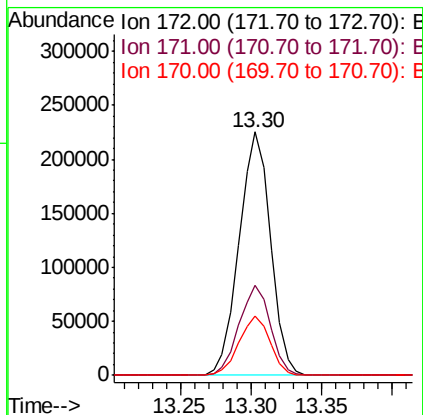
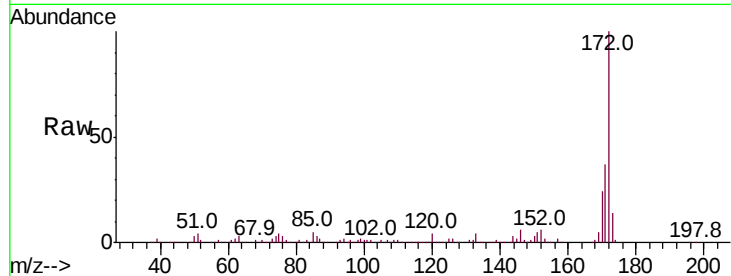




#45
2-Fluorobiphenyl
Concen: 63.495 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

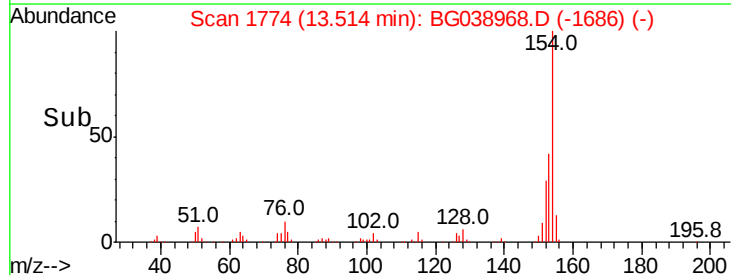
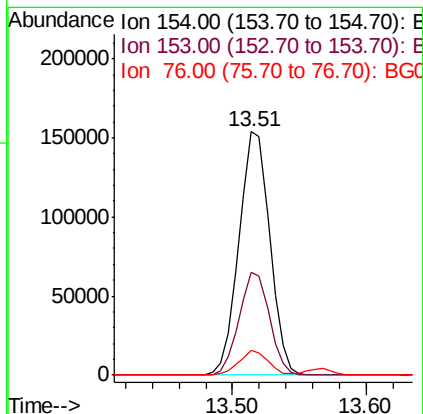
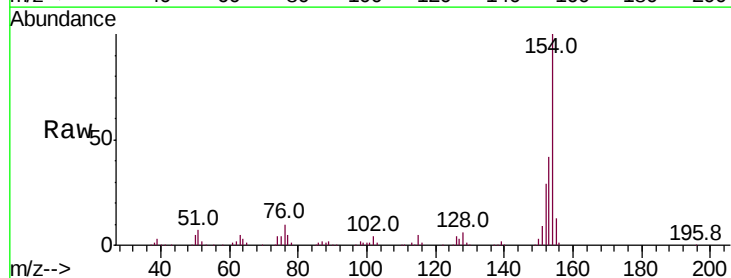
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 350615
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 38.688 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:154 Resp: 245687
Ion Ratio Lower Upper
154 100
153 42.2 22.1 62.1
76 10.0 0.0 31.2

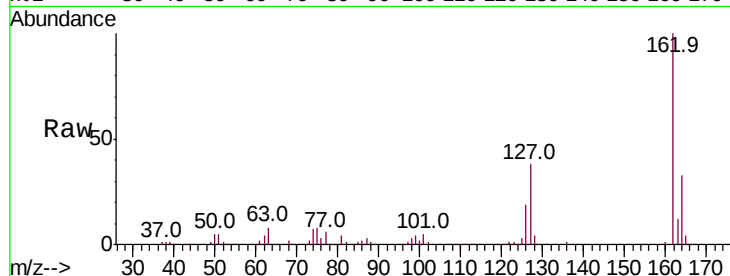




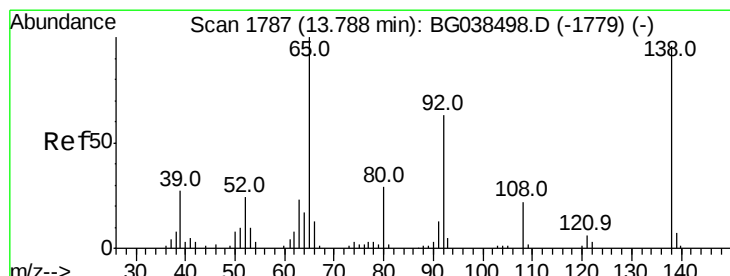
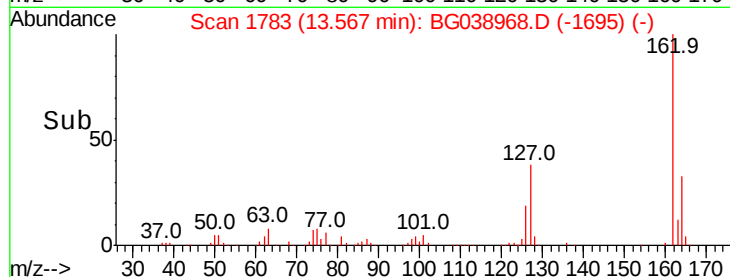
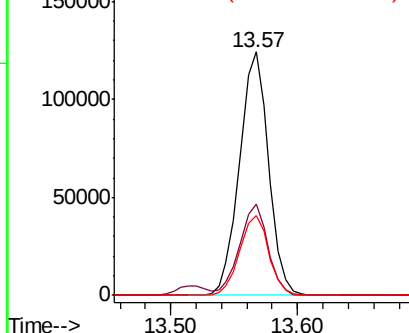
#47
2-Chloronaphthalene
Concen: 40.210 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	27.8	41.8
164	32.6	26.9	40.3

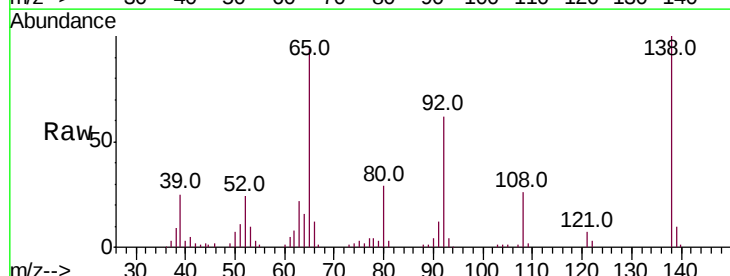


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

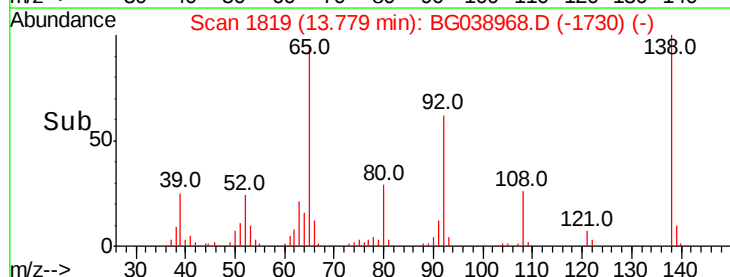
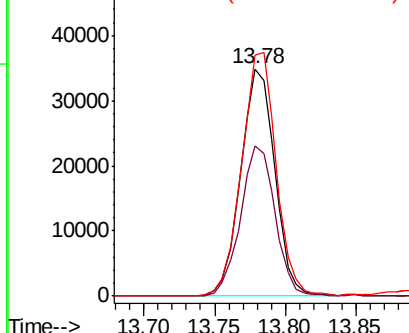


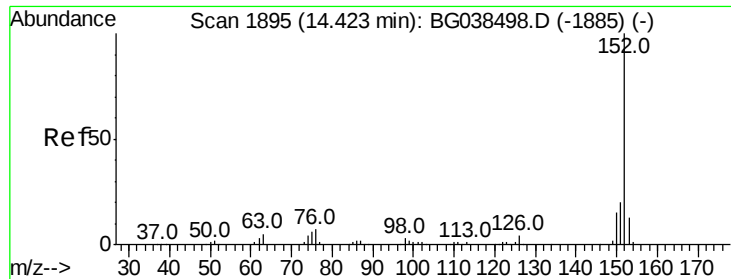
#48
2-Nitroaniline
Concen: 37.842 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	50.0	75.0
138	106.4	76.9	115.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.579 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampled :

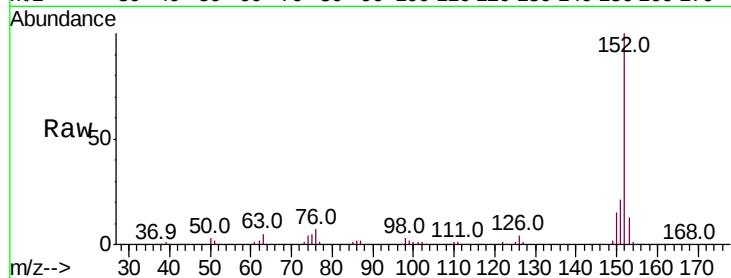
Tot Ion:152 Resp: 319587

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

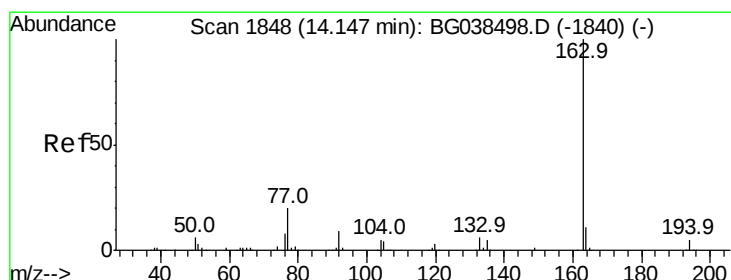
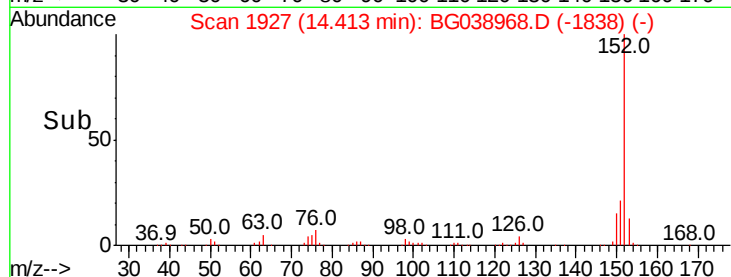
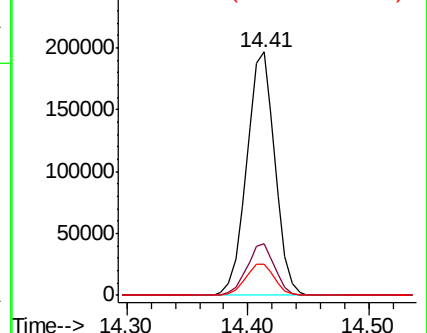
153 12.9 10.4 15.6



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: 41.970 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

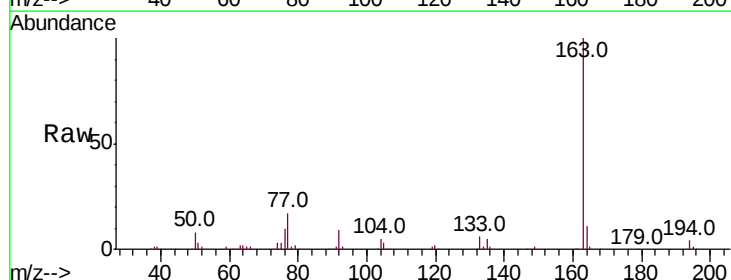
Tgt Ion:163 Resp: 259634

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

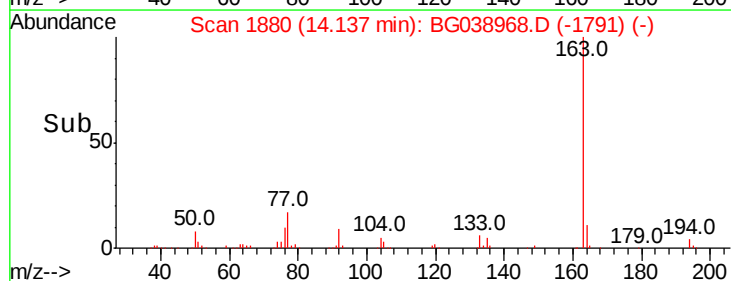
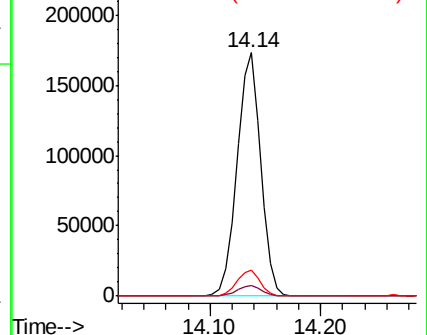
164 10.9 8.6 12.8

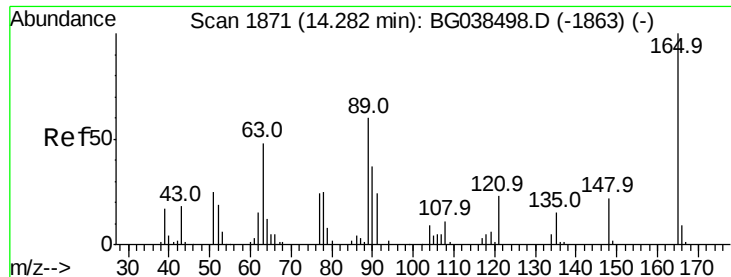


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

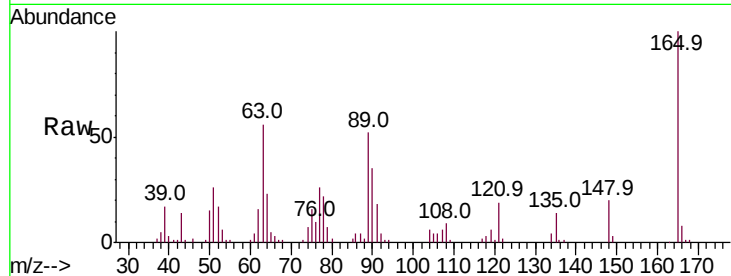




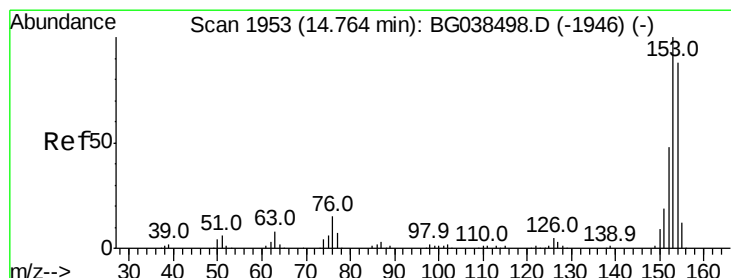
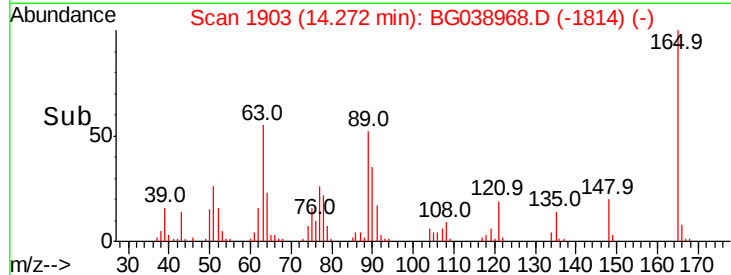
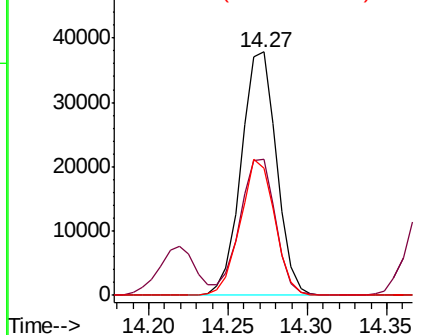
#51
2,6-Dinitrotoluene
Concen: 41.764 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 58549
Ion Ratio Lower Upper
165 100
63 56.0 51.8 77.6
89 52.4 47.9 71.9

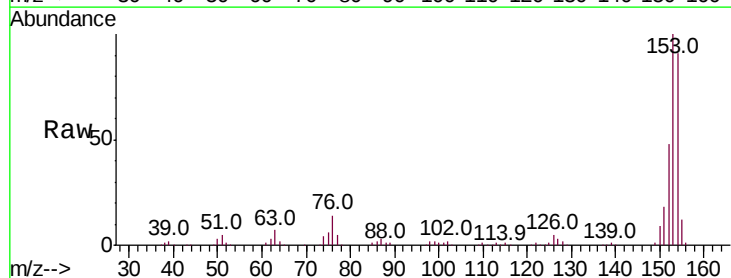


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

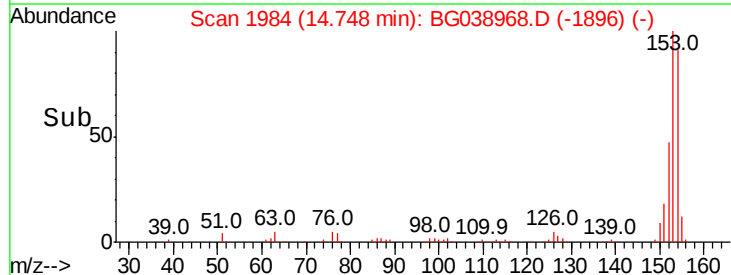
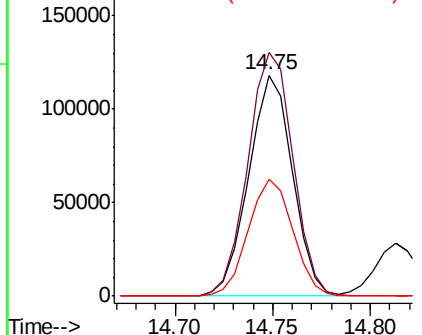


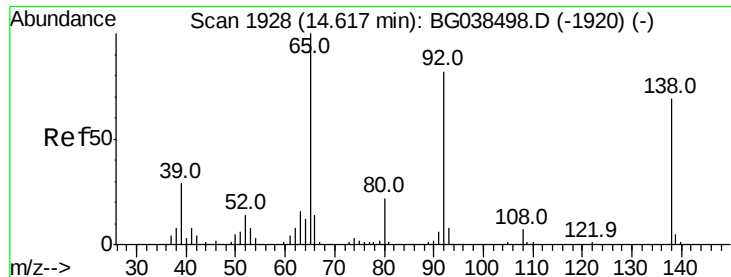
#52
Acenaphthene
Concen: 41.902 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:154 Resp: 183746
Ion Ratio Lower Upper
154 100
153 110.1 90.6 136.0
152 52.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.035 ng

RT: 14.61 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

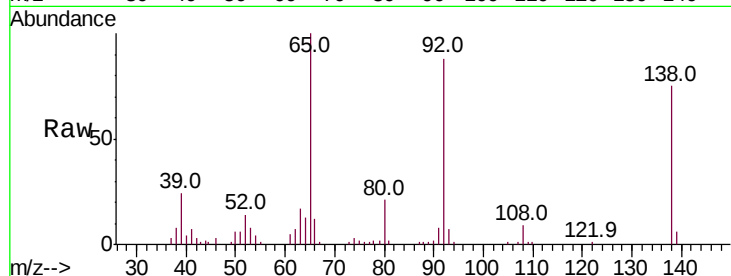
Tot Ion:138 Resp: 42923

Ion Ratio Lower Upper

138 100

108 11.6 7.9 11.9

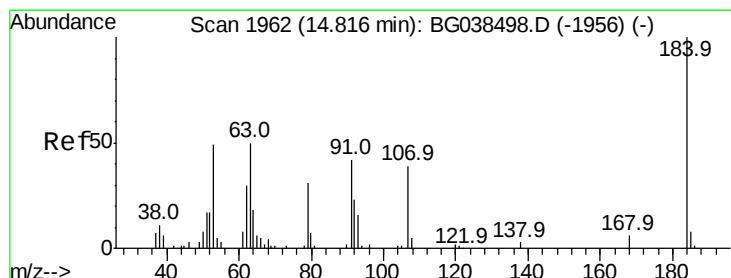
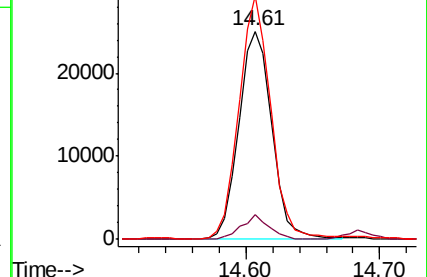
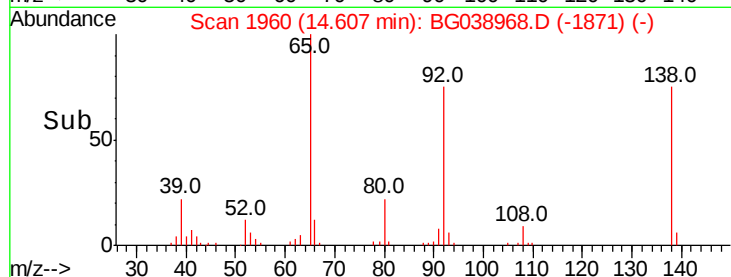
92 117.1 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 87.126 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

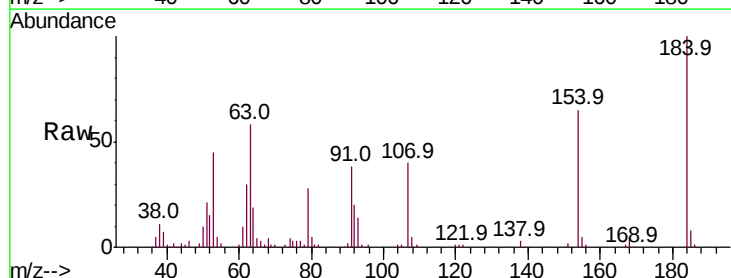
Tgt Ion:184 Resp: 73087

Ion Ratio Lower Upper

184 100

63 58.2 47.0 70.6

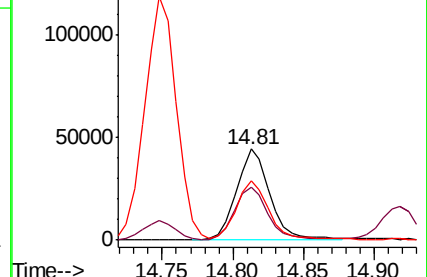
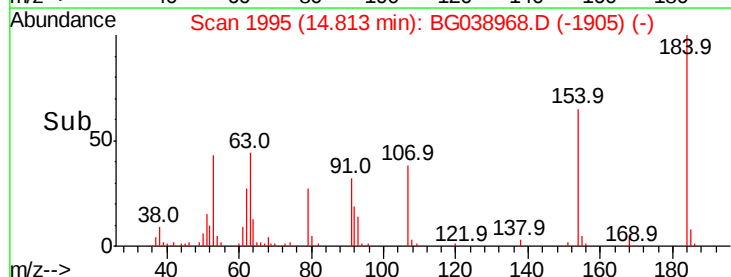
154 64.7 50.3 75.5

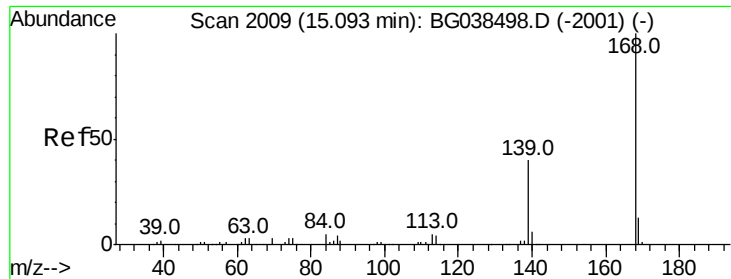


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

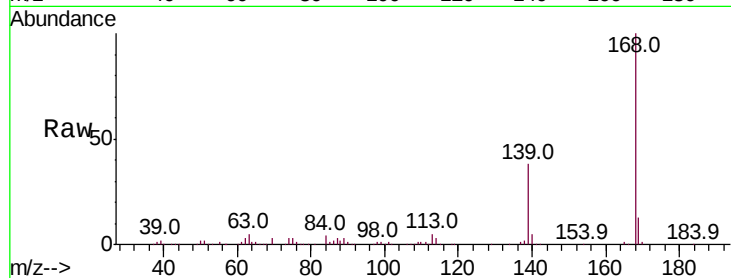




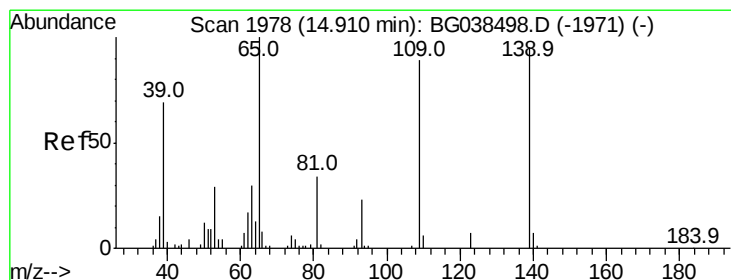
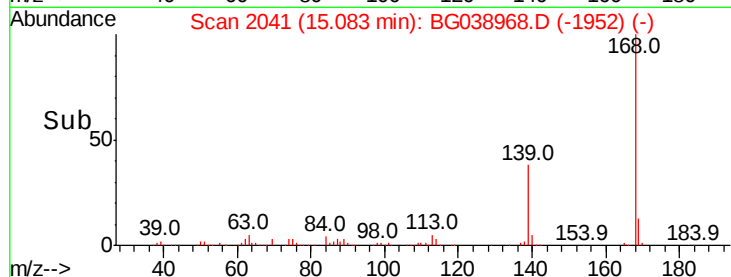
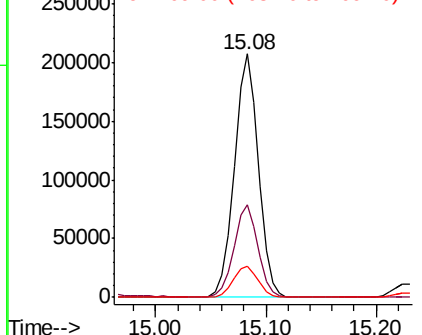
#55
Dibenzofuran
Concen: 41.849 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 314573
Ion Ratio Lower Upper
168 100
139 37.8 32.2 48.2
169 12.7 10.6 16.0

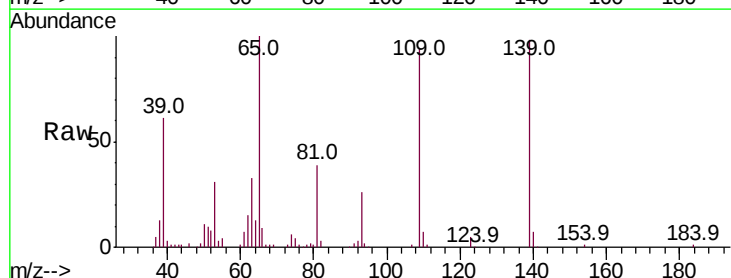


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

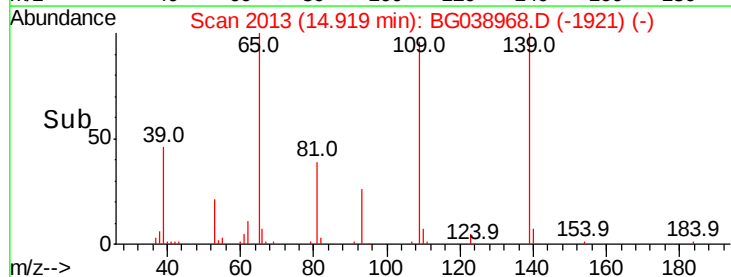
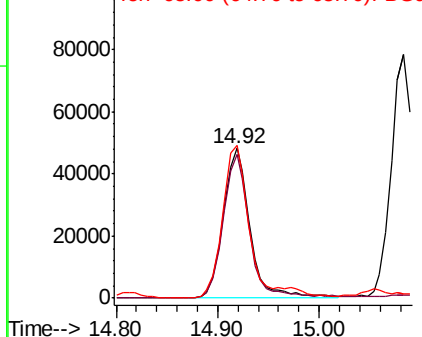


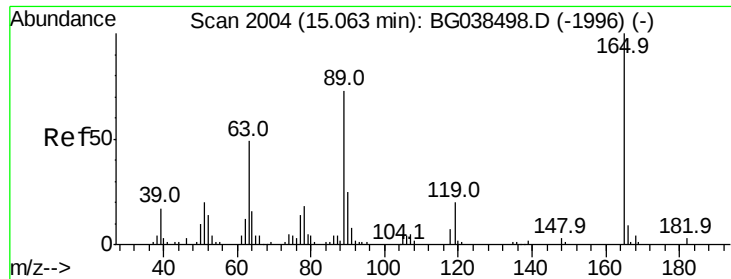
#56
4-Nitrophenol
Concen: 81.409 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:139 Resp: 88258
Ion Ratio Lower Upper
139 100
109 95.8 73.6 113.6
65 101.7 84.8 124.8



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

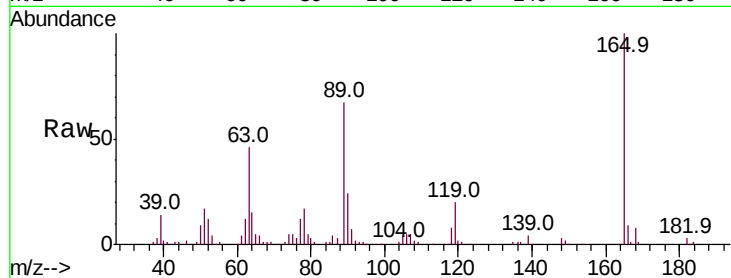




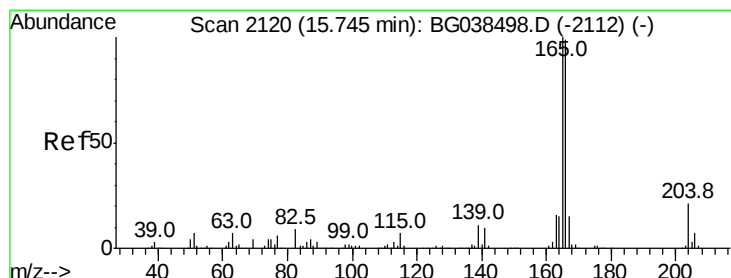
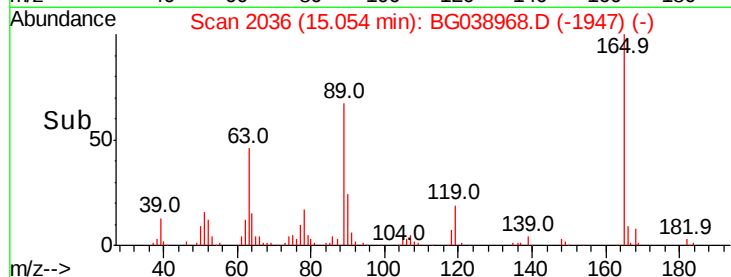
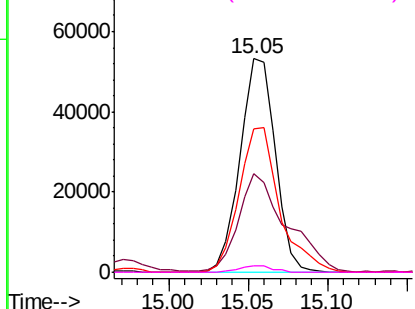
#57
2,4-Dinitrotoluene
Concen: 41.746 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 82428
Ion Ratio Lower Upper
165 100
63 46.1 39.0 58.4
89 67.2 58.0 87.0
182 3.0 2.3 3.5

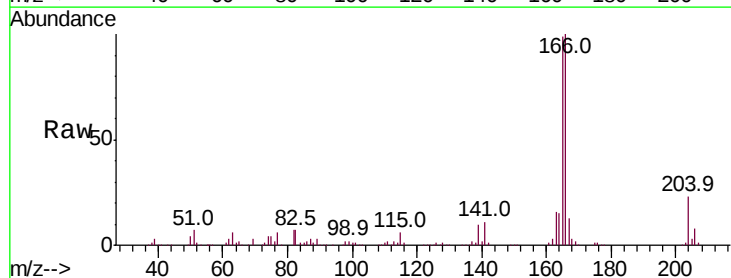


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

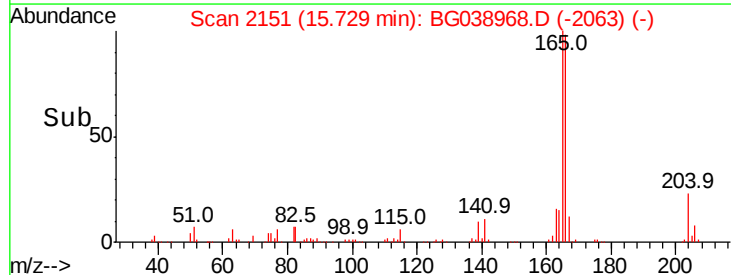
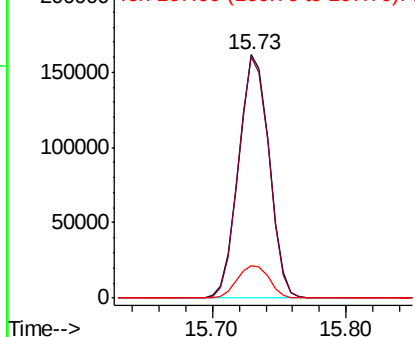


#58
Fluorene
Concen: 45.834 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:166 Resp: 255255
Ion Ratio Lower Upper
166 100
165 99.2 80.6 120.8
167 13.3 12.0 18.0



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

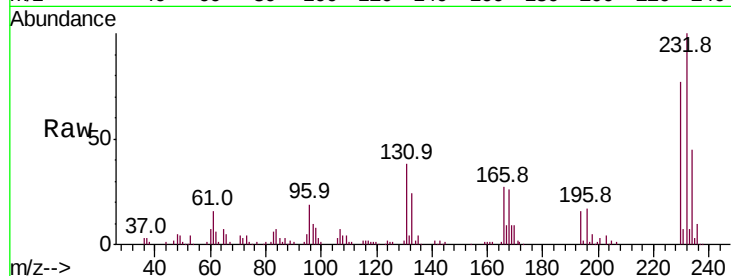




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.501 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.8	33.0	49.4
130	2.4	2.0	3.0
166	27.3	23.1	34.7



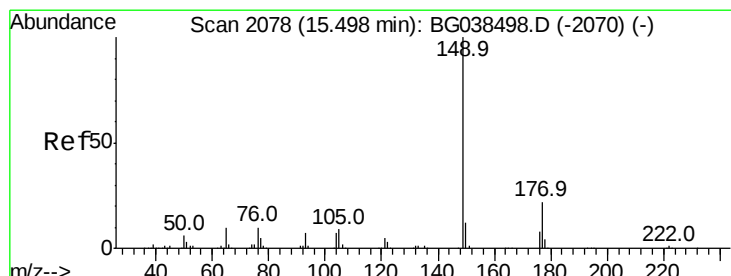
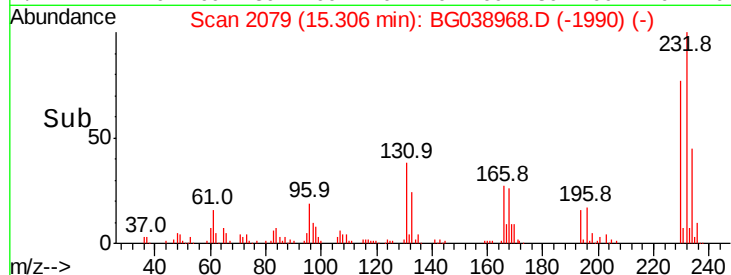
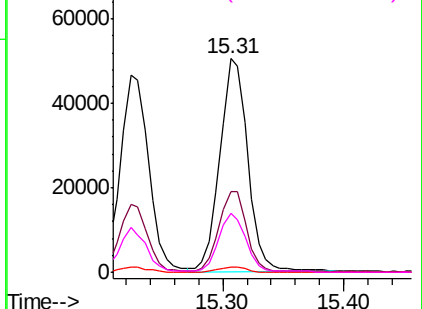
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

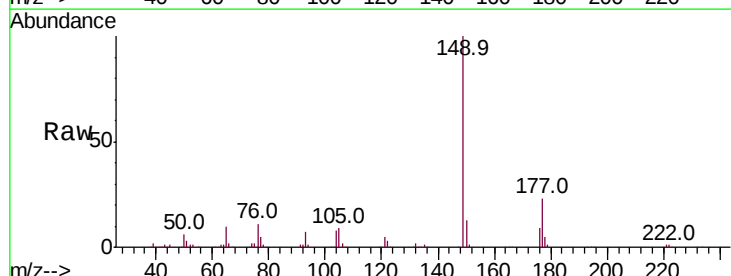
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.839 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	17.7	26.5
150	12.8	9.9	14.9

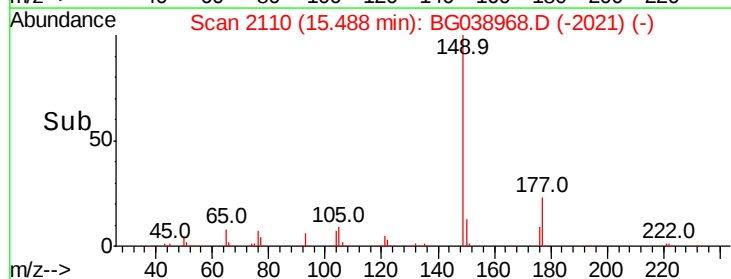
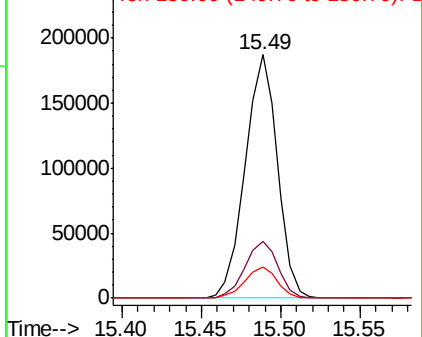


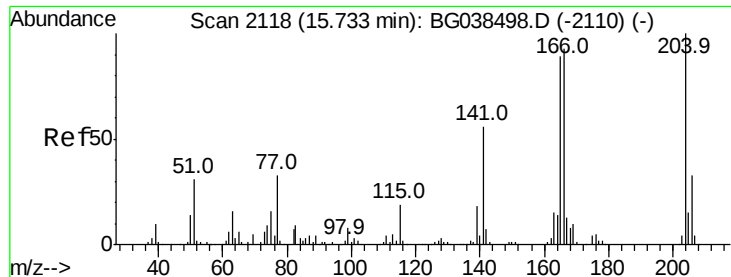
Abundance

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

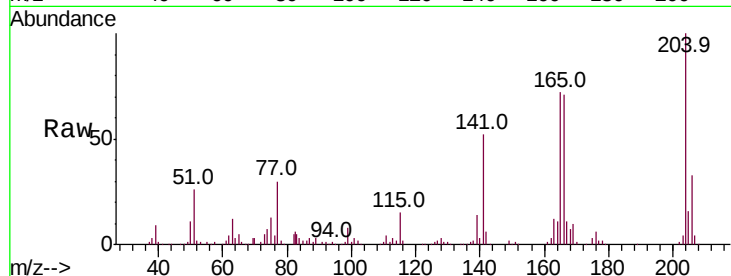




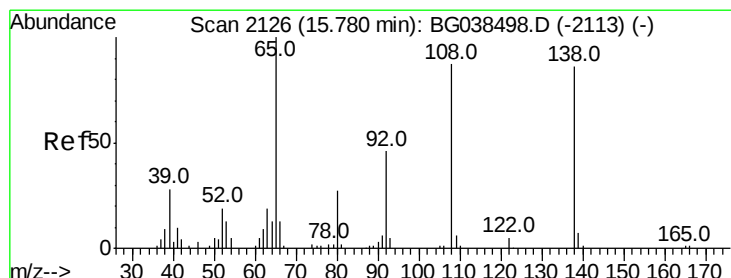
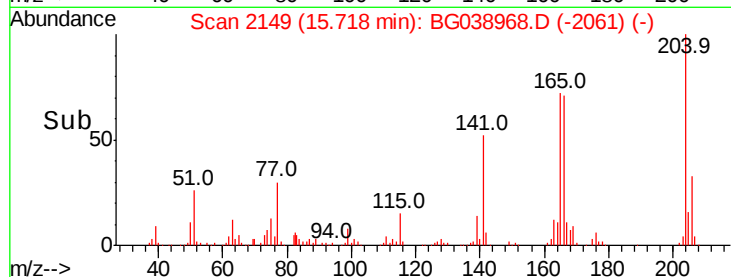
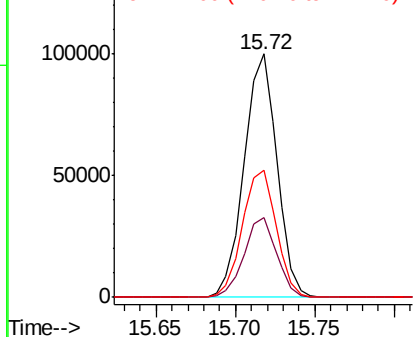
#61
4-Chlorophenyl-phenylether
Concen: 41.404 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 143867
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 52.5 44.4 66.6

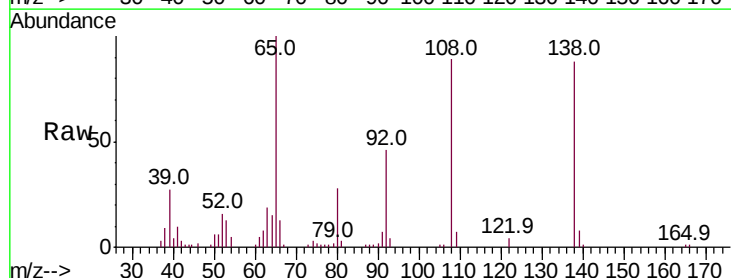


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

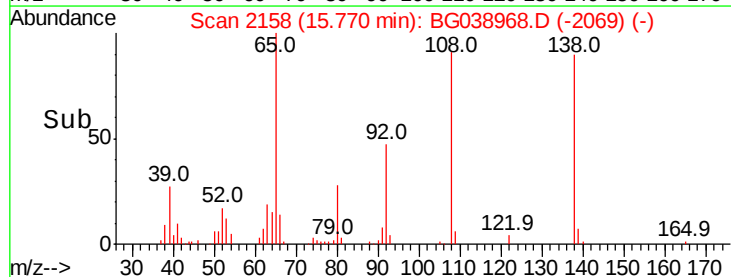
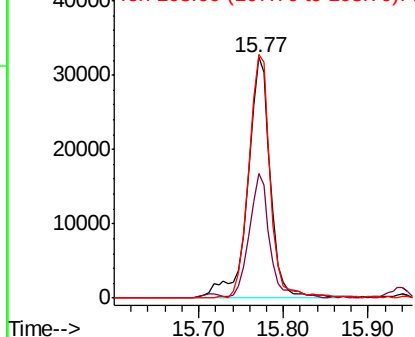


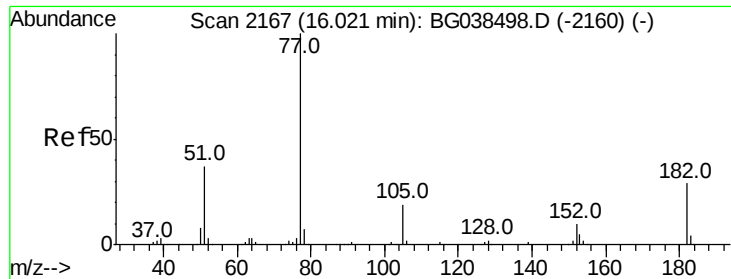
#62
4-Nitroaniline
Concen: 41.431 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:138 Resp: 60955
Ion Ratio Lower Upper
138 100
92 51.8 33.3 73.3
108 101.3 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: 38.052 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

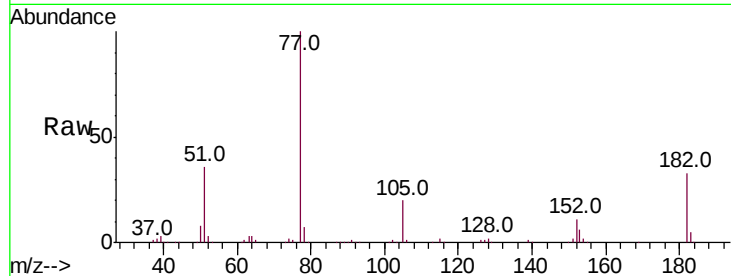
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 215877

Ion	Ratio	Lower	Upper
77	100		
182	33.3	8.7	48.7
105	20.2	0.0	38.7
51	35.8	16.6	56.6

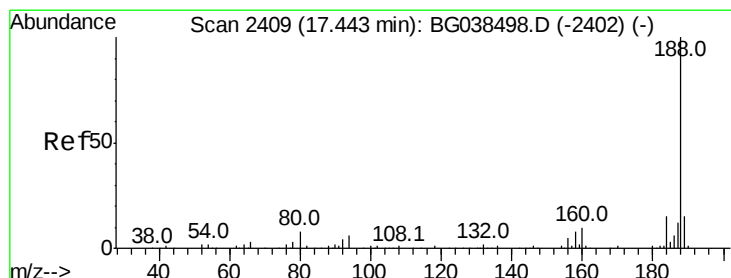
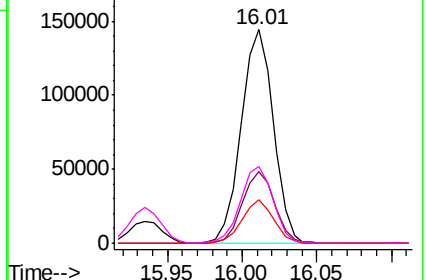
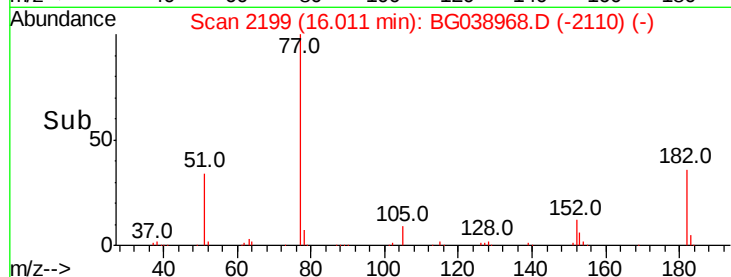


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

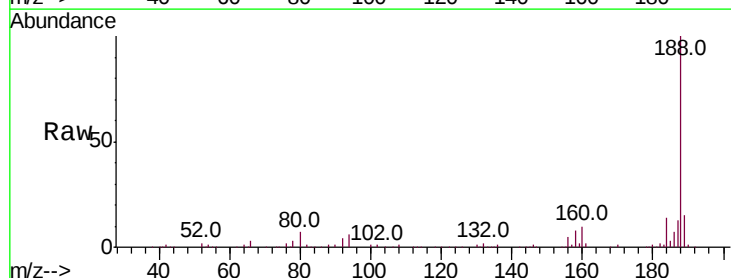
Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Tgt Ion: 188 Resp: 188053

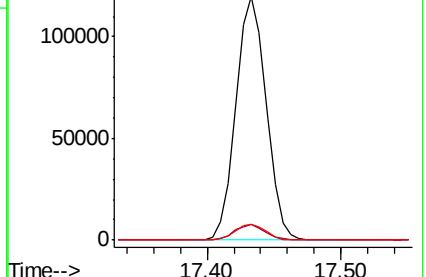
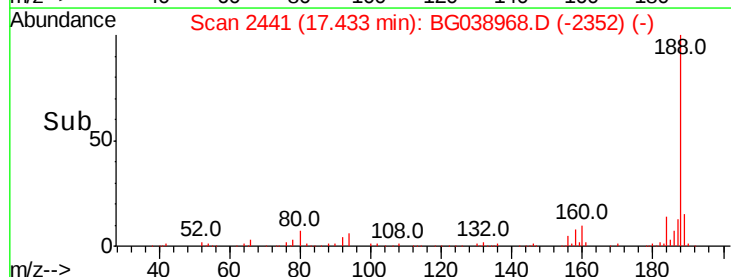
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.7	6.1	9.1

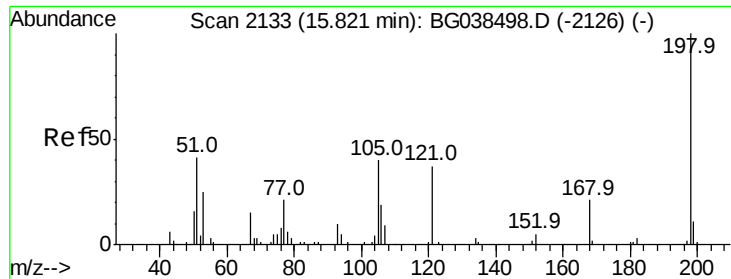


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

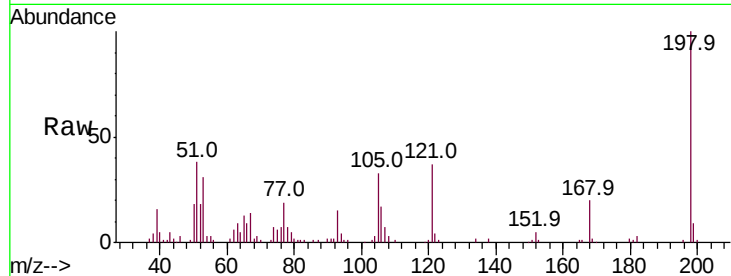




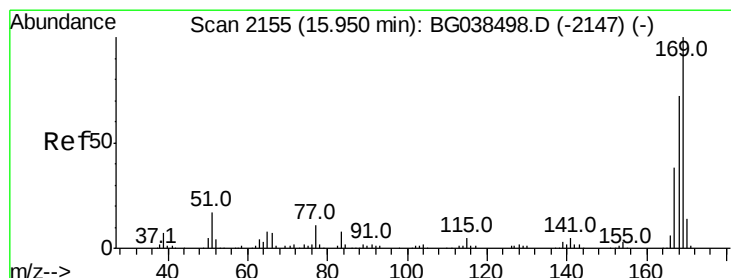
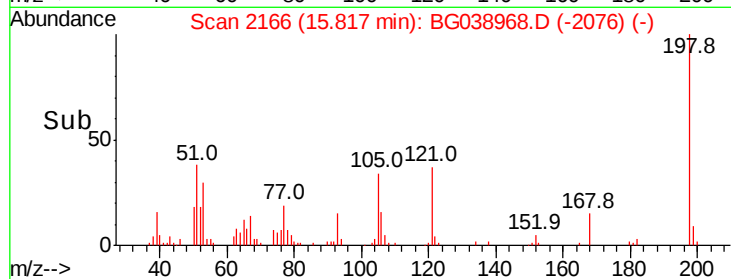
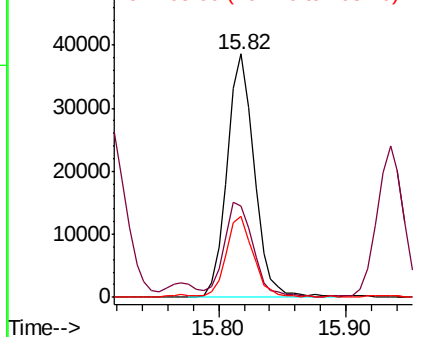
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.511 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.6	28.6	68.6
105	33.3	20.4	60.4

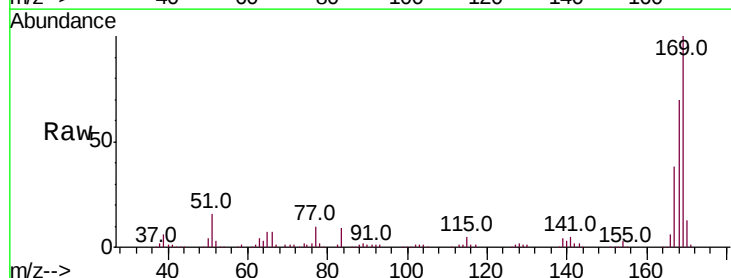


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

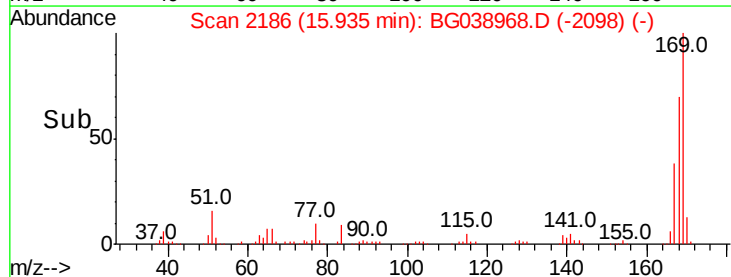
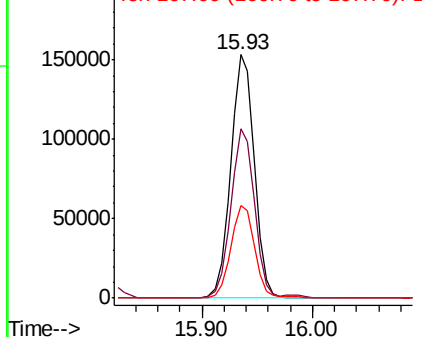


#66
 n-Nitrosodiphenylamine
 Concen: 41.512 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.6	57.5	86.3
167	37.8	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



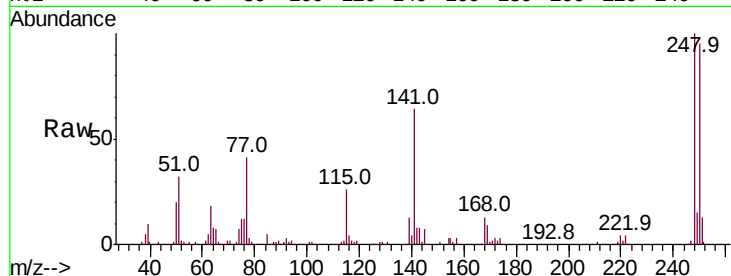


#67
 4-Bromophenyl-phenylether
 Concen: 42.639 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

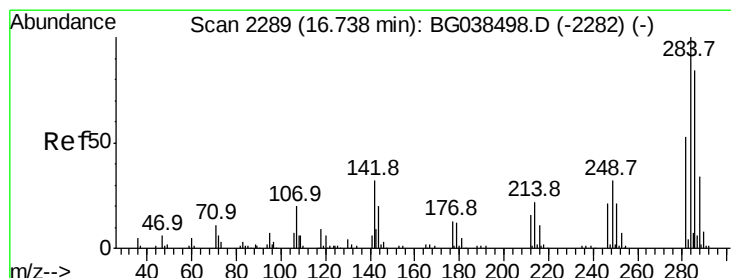
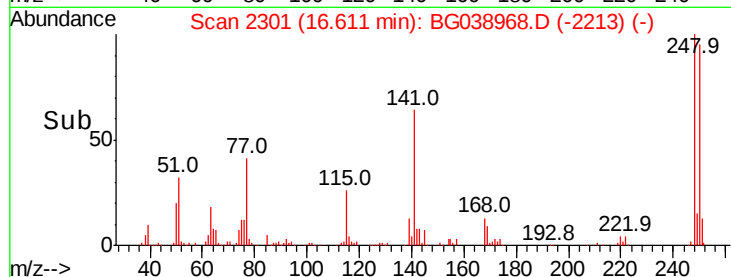
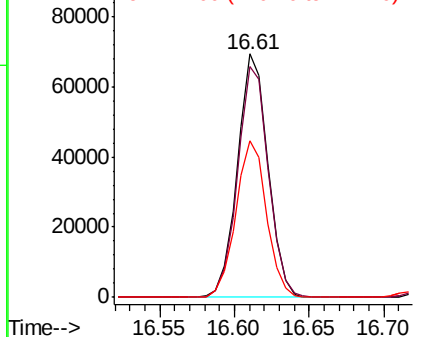
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 97928

Ion	Ratio	Lower	Upper
248	100		
250	94.6	73.4	110.2
141	64.1	52.9	79.3



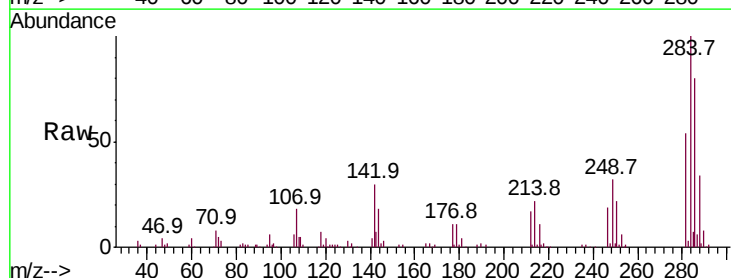
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



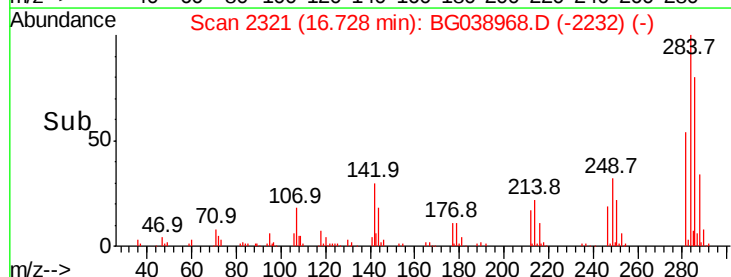
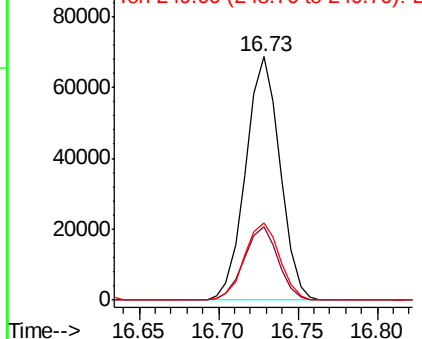
#68
 Hexachlorobenzene
 Concen: 43.330 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

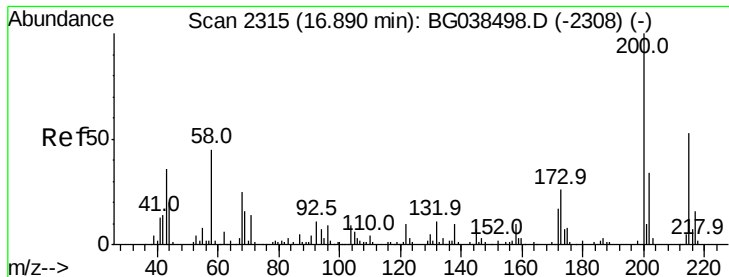
Tgt Ion:284 Resp: 103157

Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.8	38.6
249	34.2	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: 46.215 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

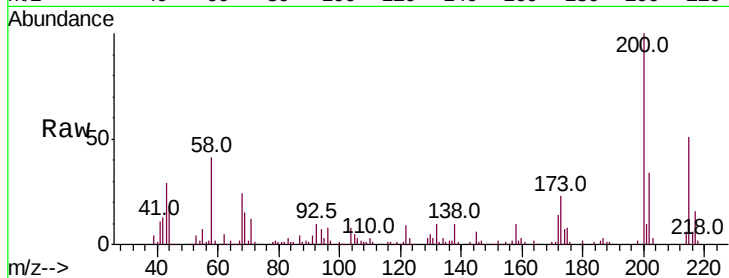
Tot Ion:200 Resp: 94767

Ion Ratio Lower Upper

200 100

173 23.3 5.9 45.9

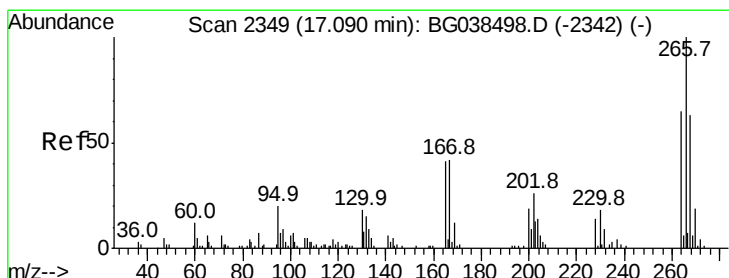
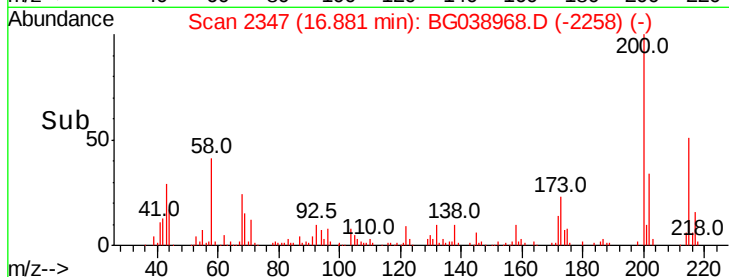
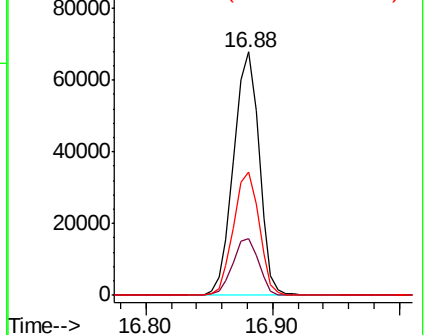
215 50.7 33.1 73.1



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: 76.931 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

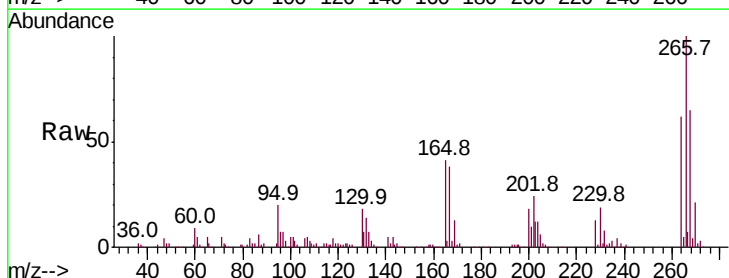
Tgt Ion:266 Resp: 108333

Ion Ratio Lower Upper

266 100

268 69.4 55.0 82.6

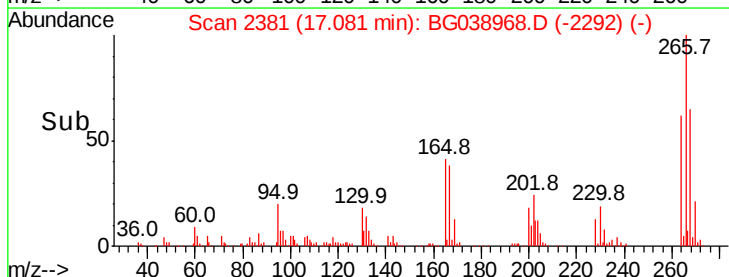
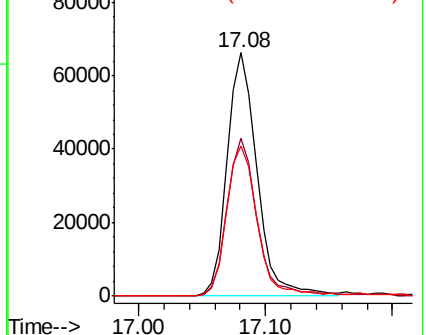
264 66.9 56.7 85.1

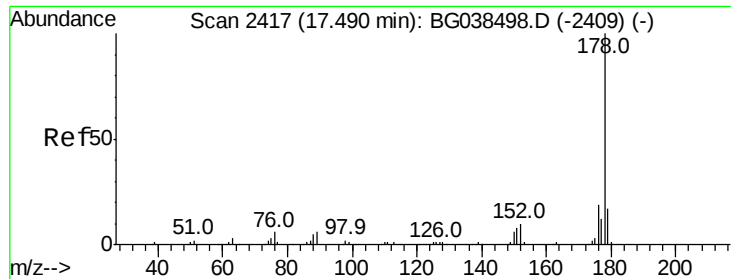


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

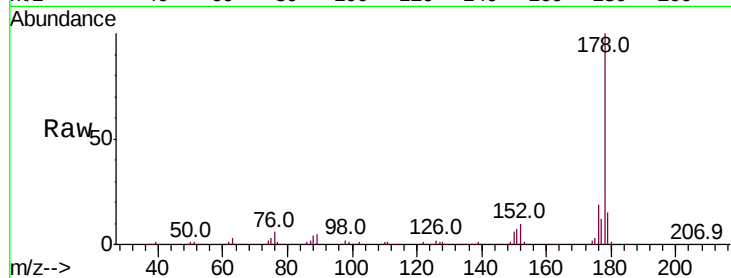




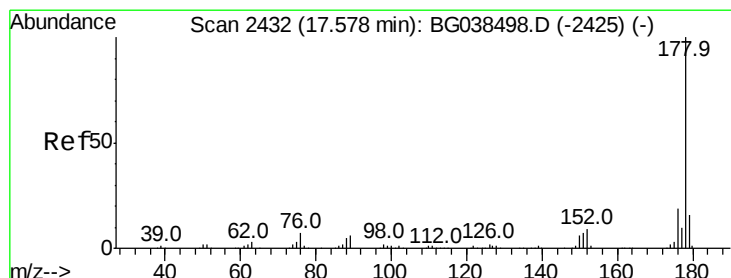
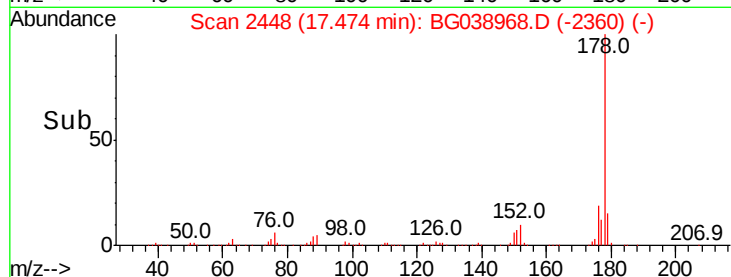
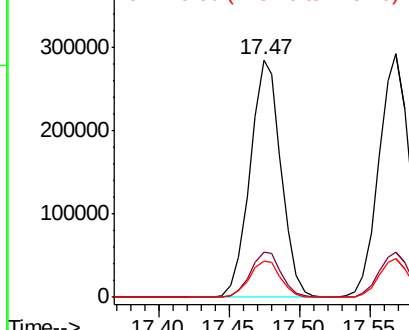
#71
Phenanthrene
Concen: 44.992 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 438747
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.2 13.2 19.8

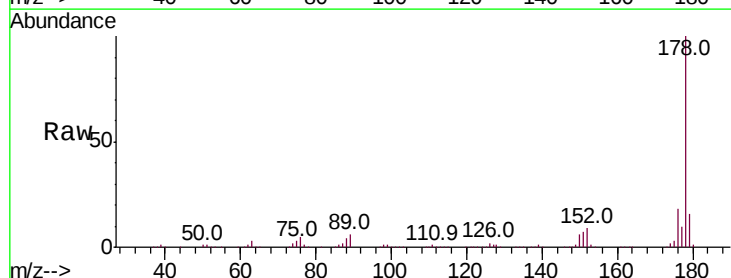


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

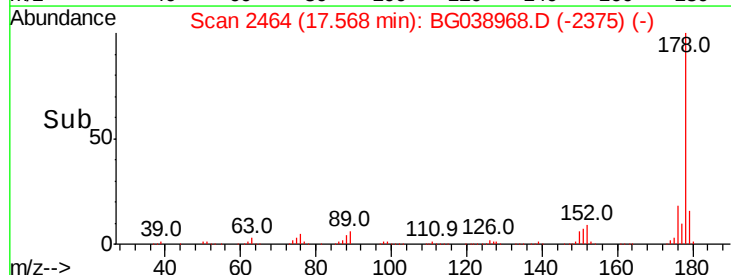
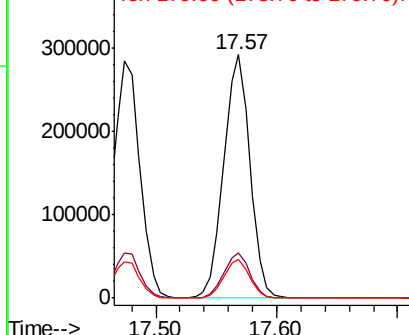


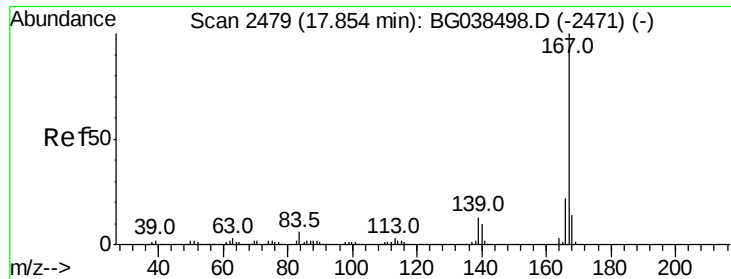
#72
Anthracene
Concen: 45.549 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:178 Resp: 438502
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 16.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

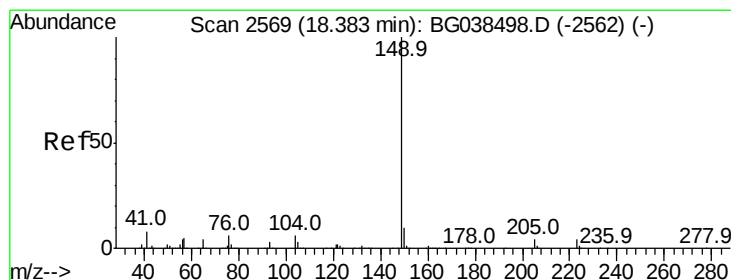
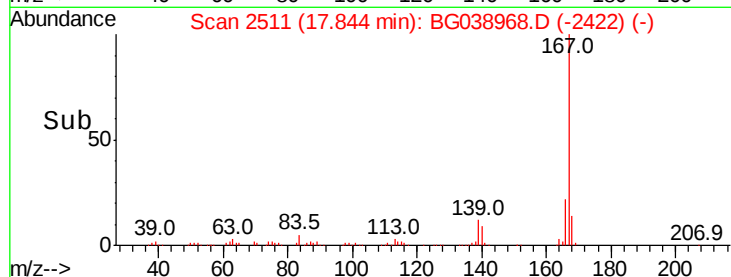
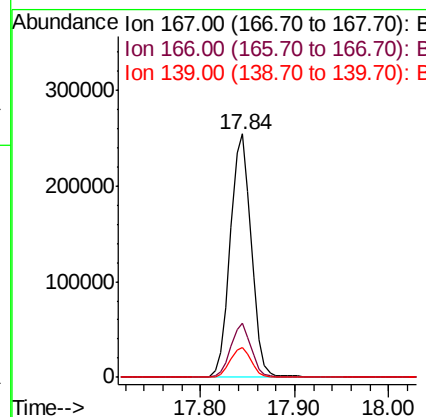
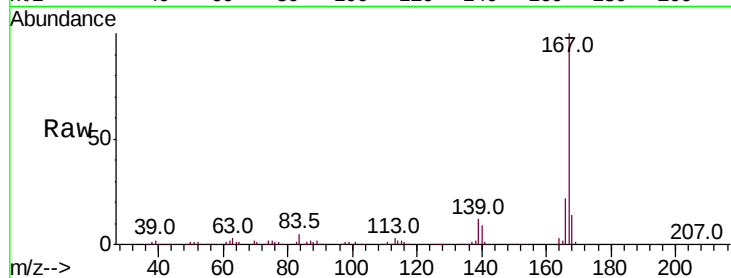




#73
 Carbazole
 Concen: 41.481 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

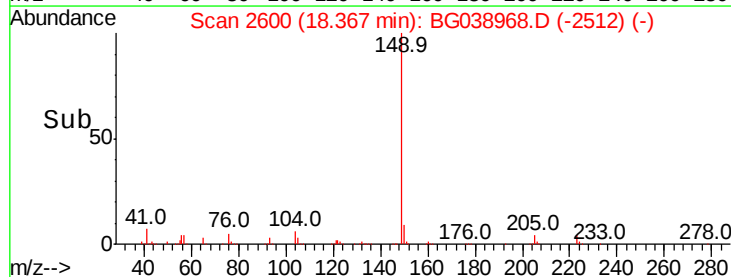
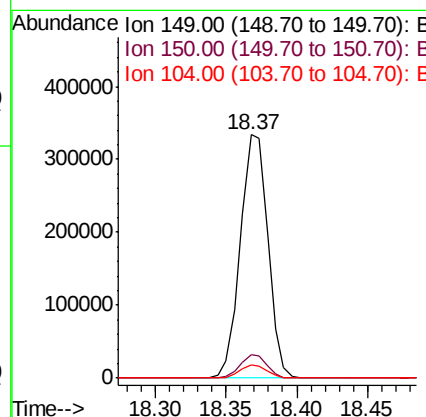
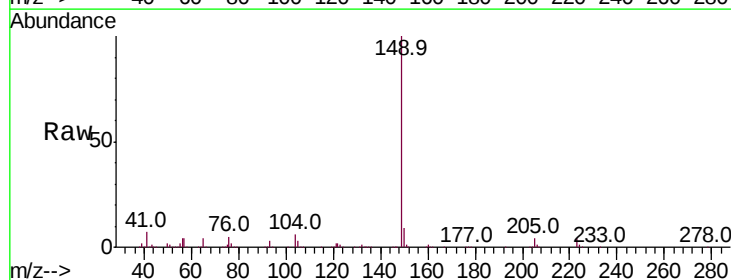
Instrument :
 BNA_G
 ClientSampleId :

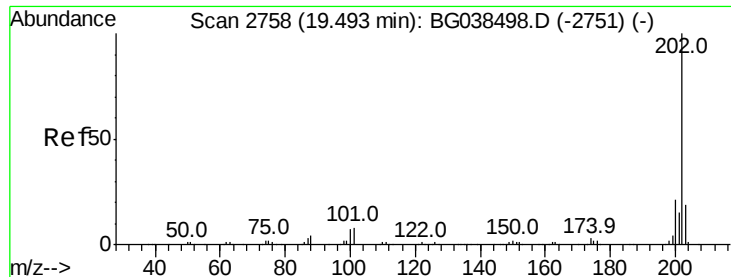
Tot Ion:167 Resp: 394939
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 12.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.633 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion:149 Resp: 454839
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.6 5.0 7.4

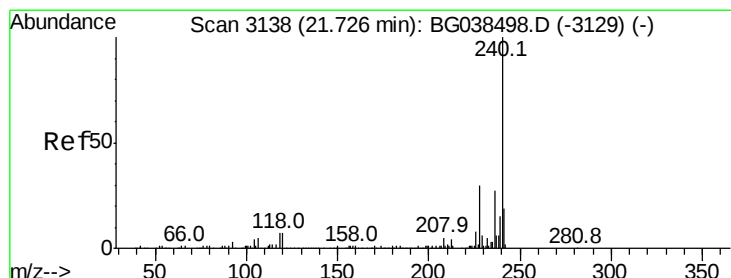
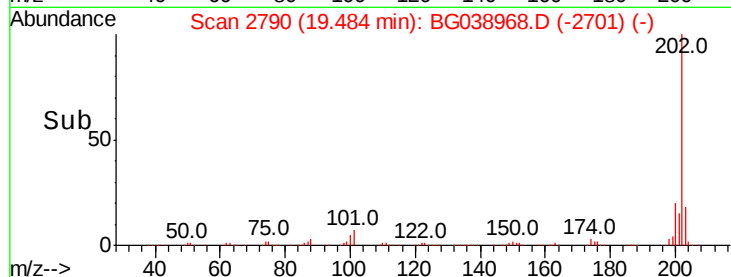
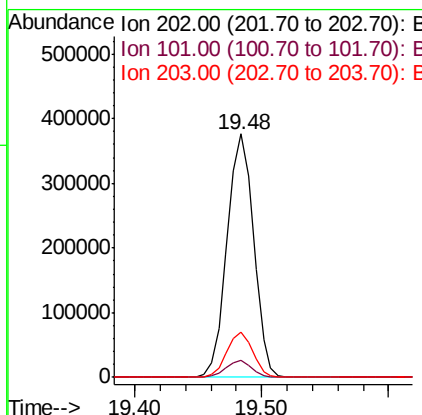
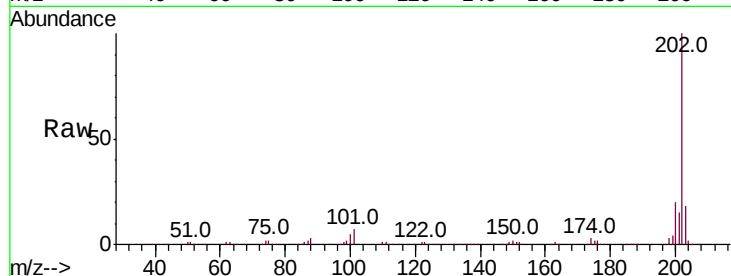




#75
 Fluoranthene
 Concen: 45.286 ng
 RT: 19.48 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

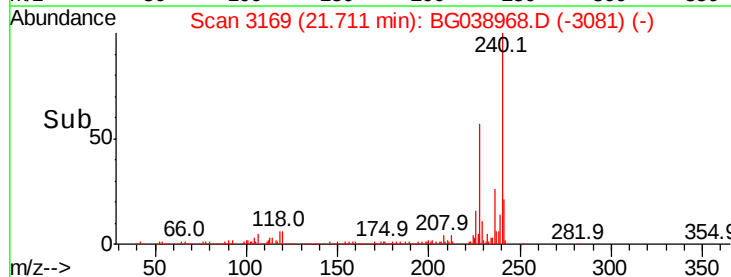
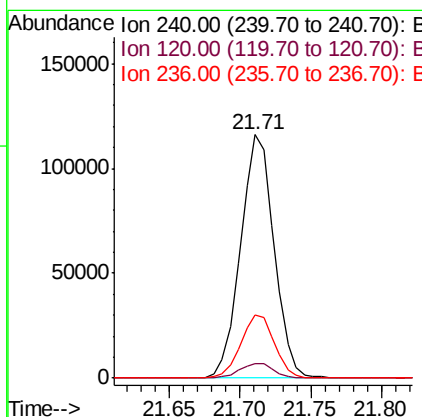
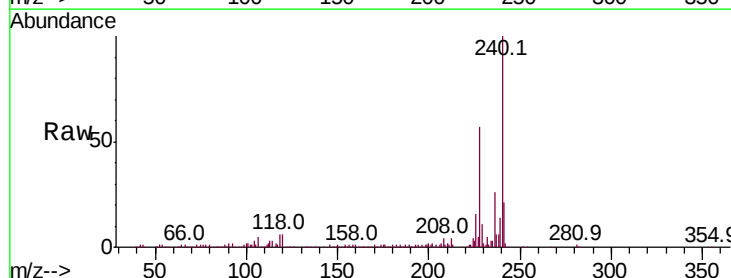
Instrument :
 BNA_G
 ClientSampleId :

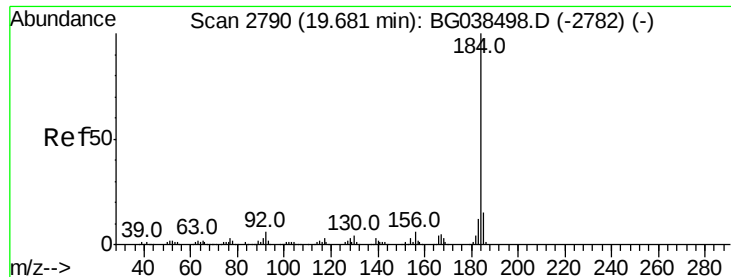
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.1
203	18.3	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG038968.D
 Acq: 7 Jan 2019 15:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.3	7.9
236	26.0	21.4	32.2





#77

Benzidine

Concen: 33.680 ng

RT: 19.67 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

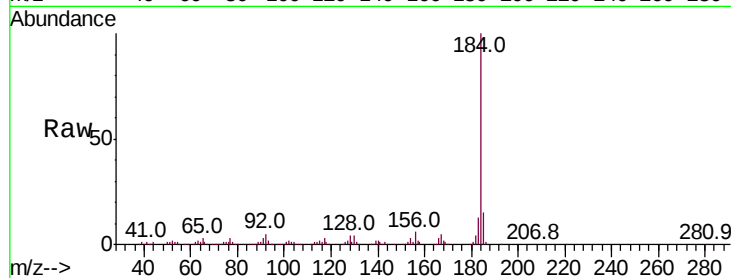
Tot Ion:184 Resp: 191540

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

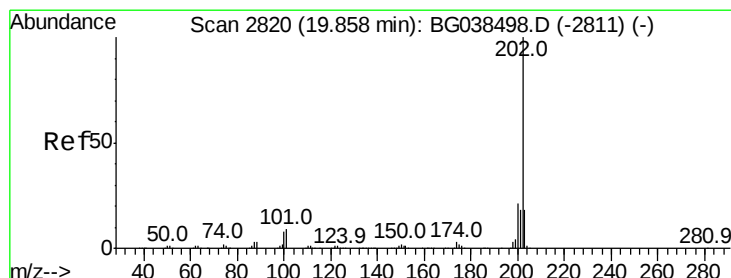
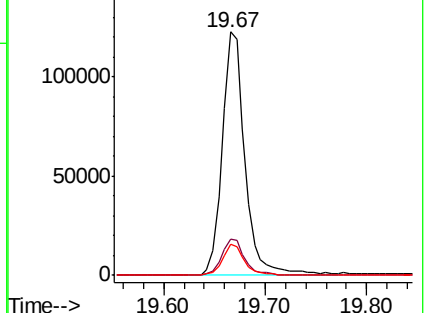
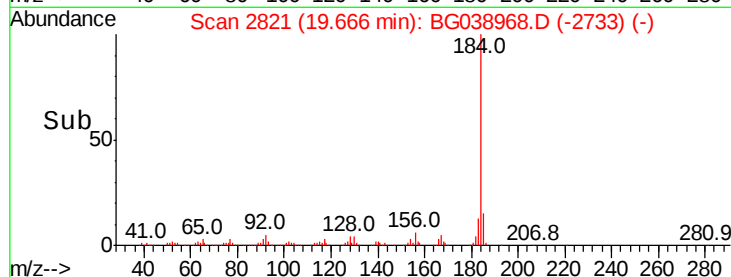
183 12.7 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.610 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

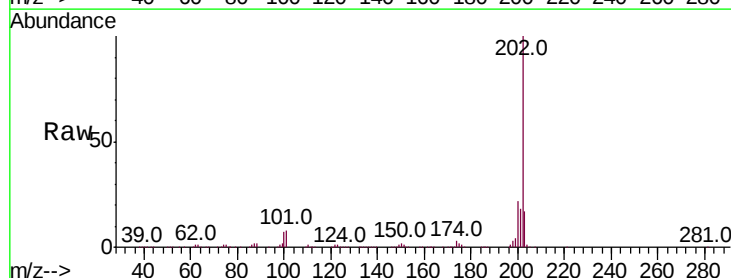
Tgt Ion:202 Resp: 541306

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

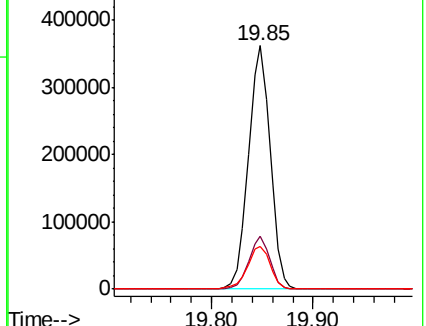
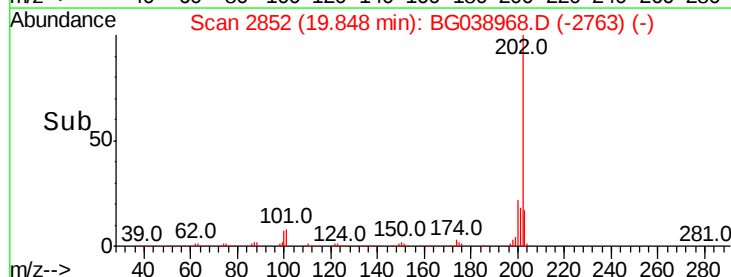
203 17.5 14.6 21.8

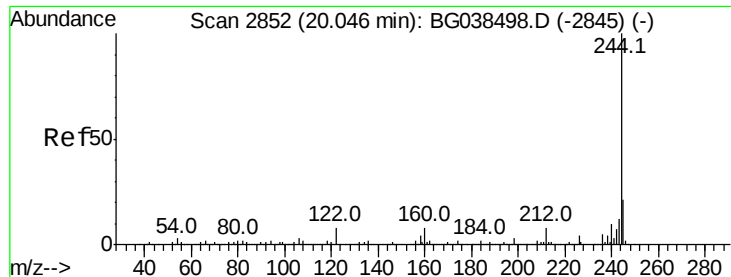


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.148 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

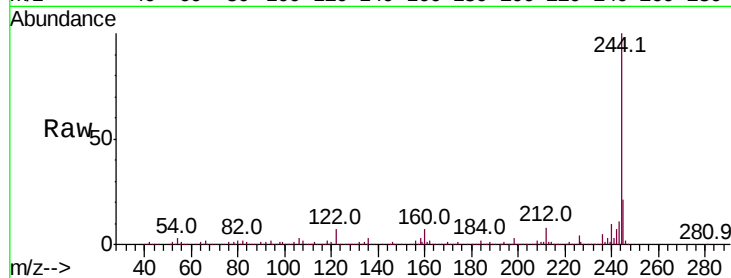
Tot Ion:244 Resp: 708183

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

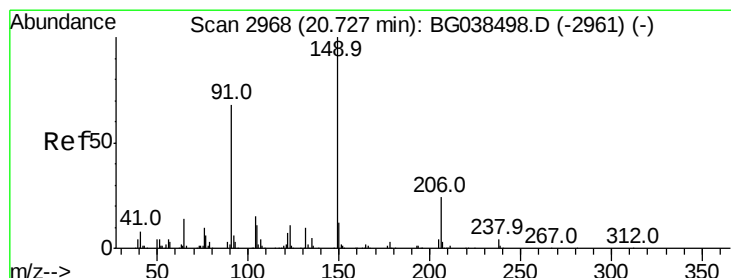
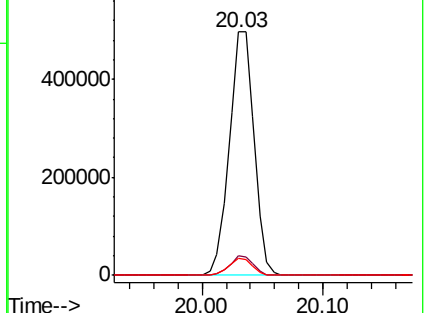
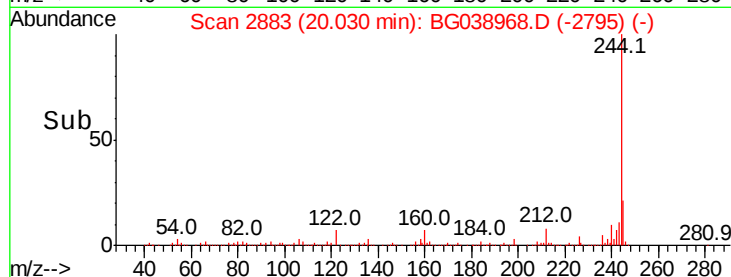
122 7.1 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.335 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

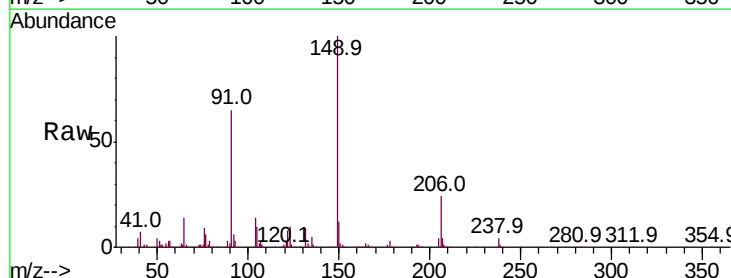
Tgt Ion:149 Resp: 210116

Ion Ratio Lower Upper

149 100

91 65.0 54.5 81.7

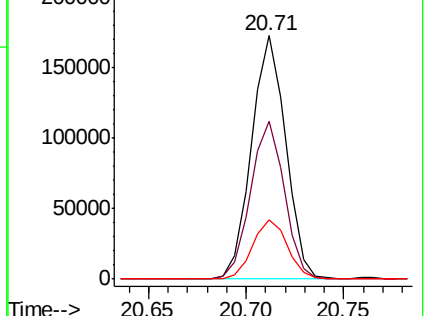
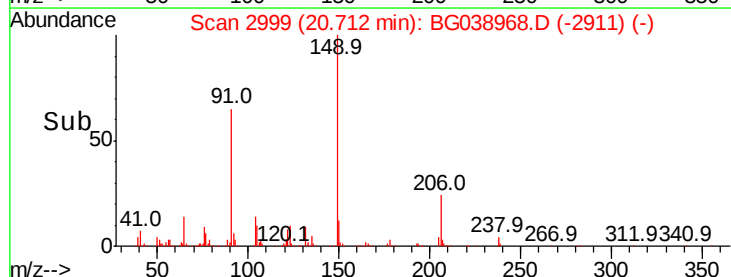
206 24.4 19.0 28.6

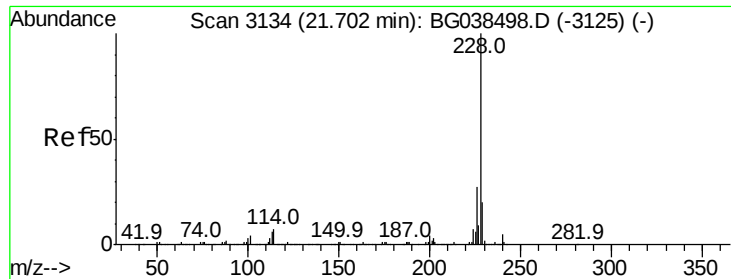


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

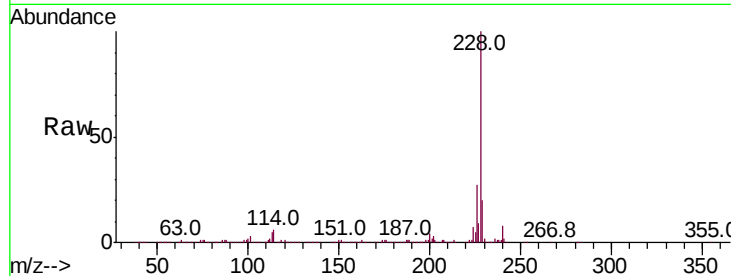




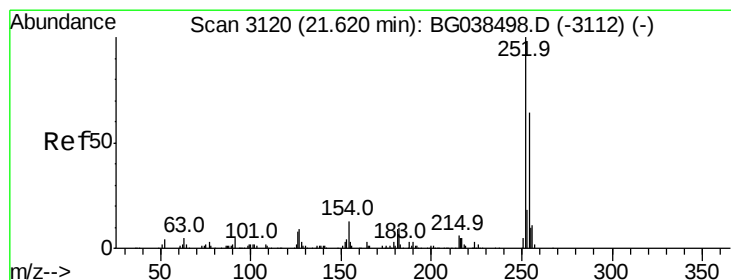
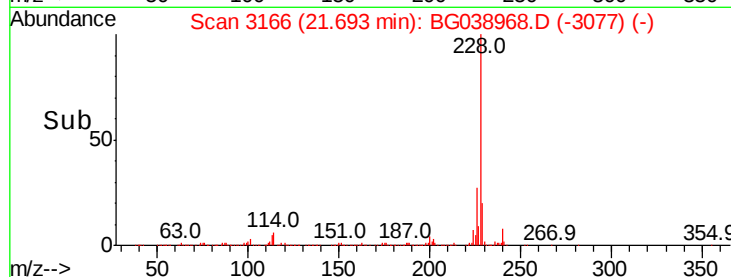
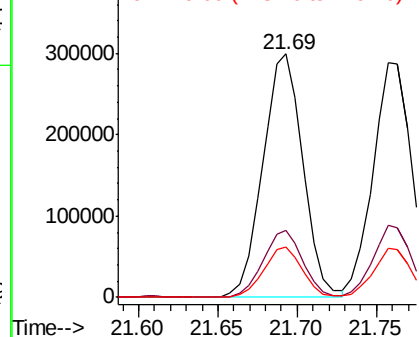
#81
Benzo(a)anthracene
Concen: 44.807 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 525035
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.5 15.8 23.6

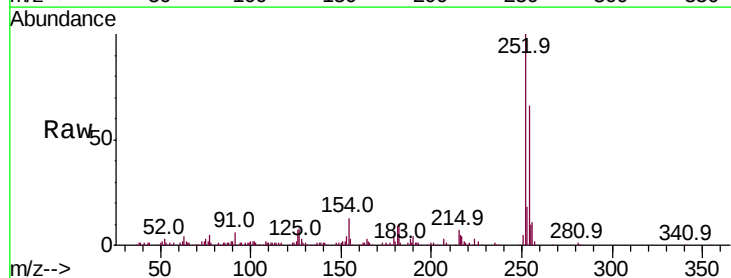


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

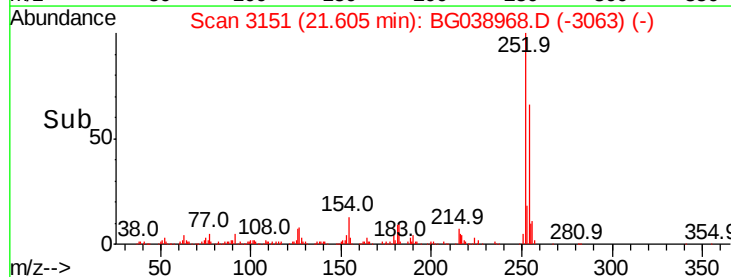
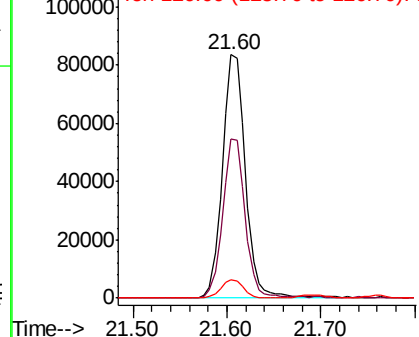


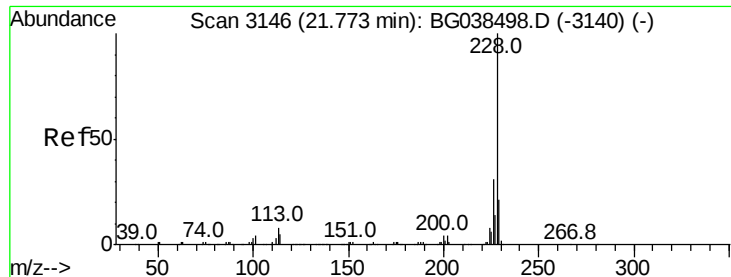
#82
3,3'-Dichlorobenzidine
Concen: 30.826 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:252 Resp: 143258
Ion Ratio Lower Upper
252 100
254 65.5 50.9 76.3
126 7.4 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.408 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

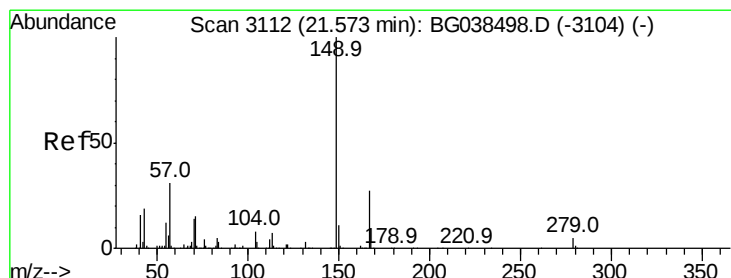
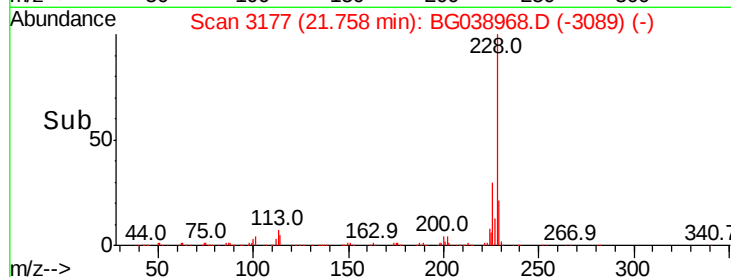
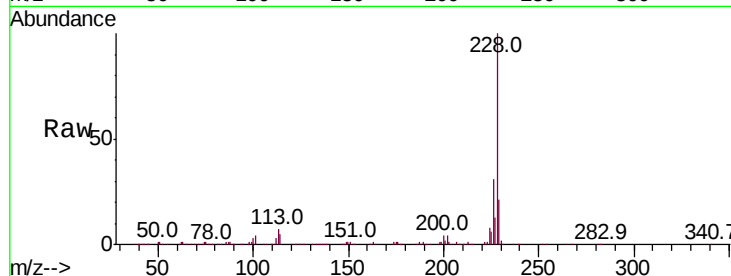
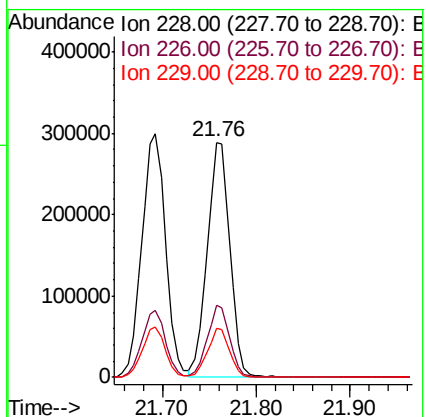
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 489921

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	20.9	16.5	24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.699 ng

RT: 21.56 min Scan# 3143

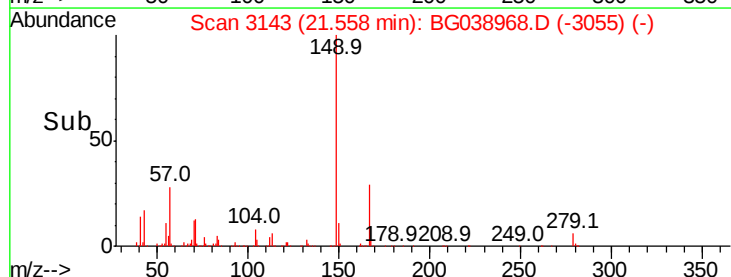
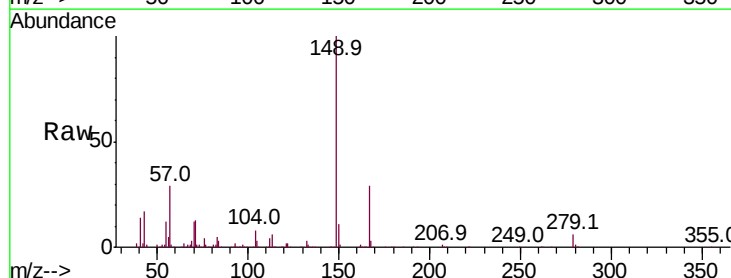
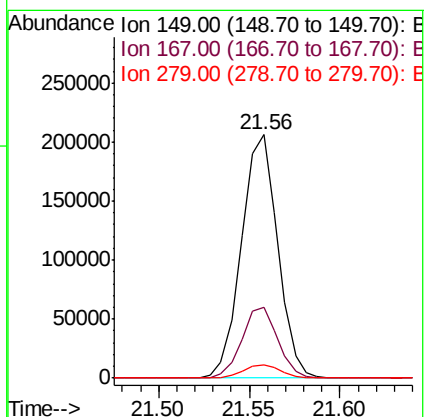
Delta R.T. -0.02 min

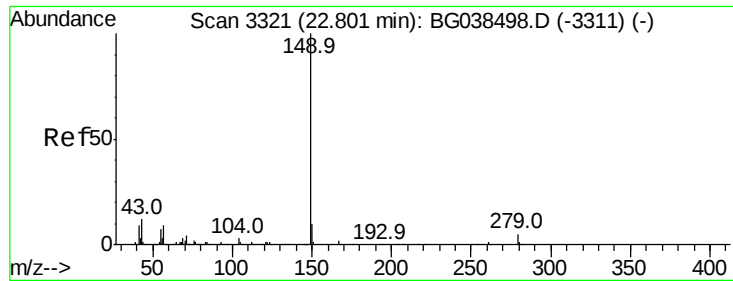
Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Tgt Ion:149 Resp: 286491

Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.9	32.9
279	5.7	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 40.957 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

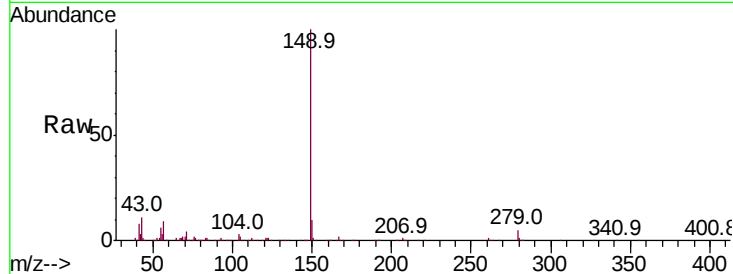
Tot Ion:149 Resp: 482843

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

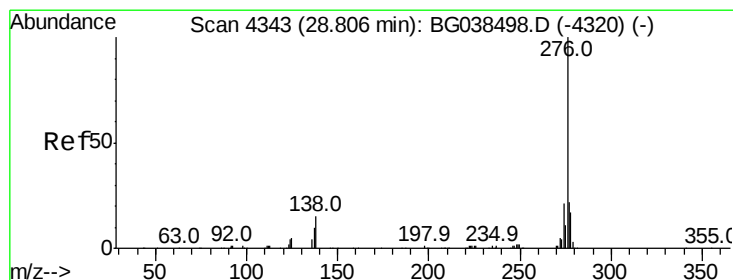
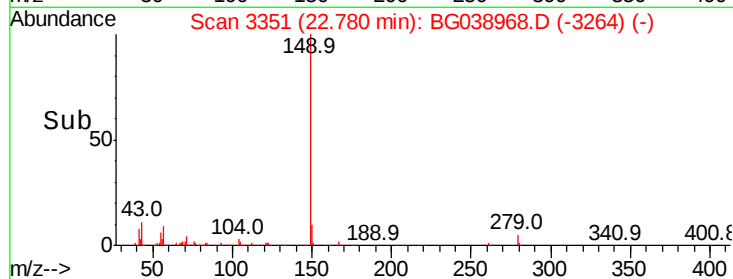
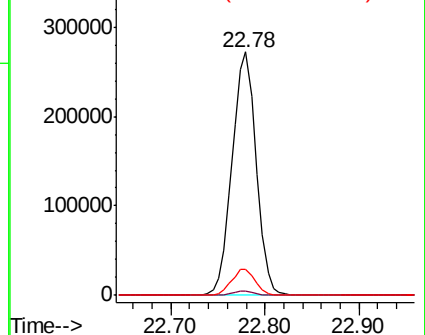
43 10.4 9.3 13.9



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: 43.108 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

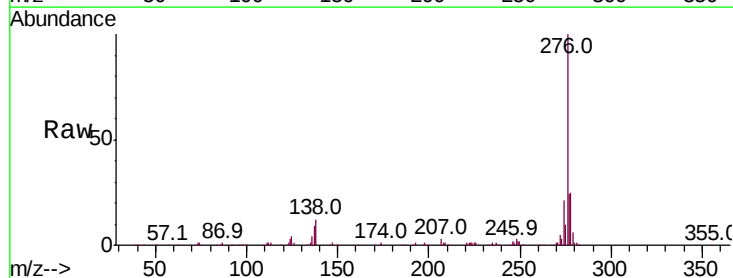
Tgt Ion:276 Resp: 572009

Ion Ratio Lower Upper

276 100

138 5.8 14.4 21.6#

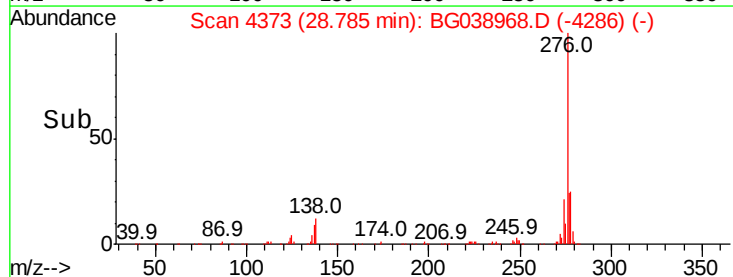
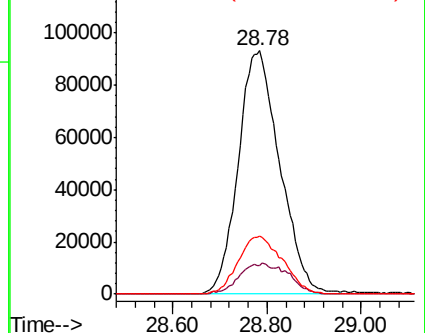
277 25.4 0.0 0.0#

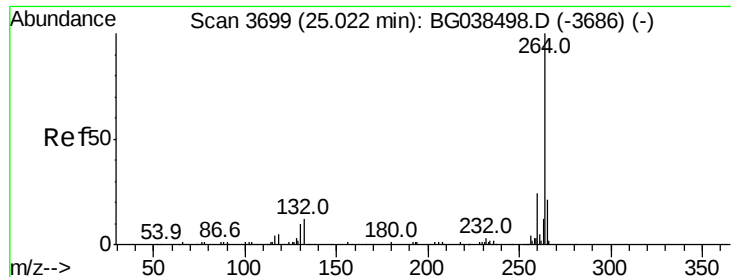


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

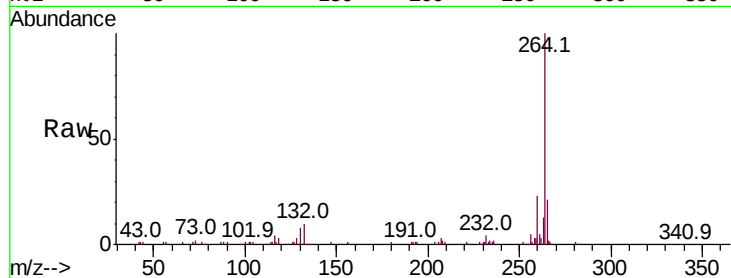
Tot Ion:264 Resp: 182261

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

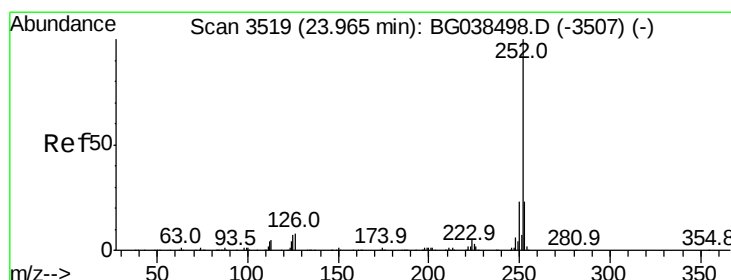
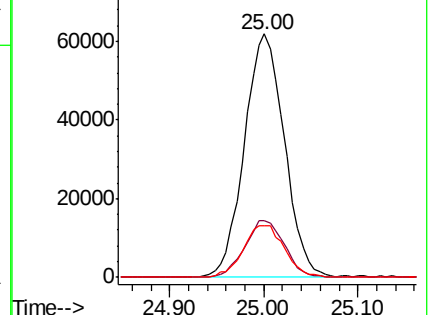
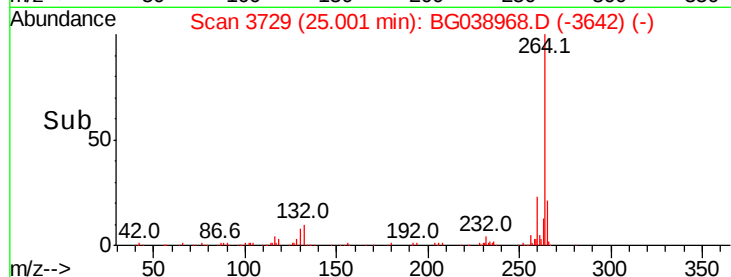
265 21.1 17.0 25.4



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: 52.074 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

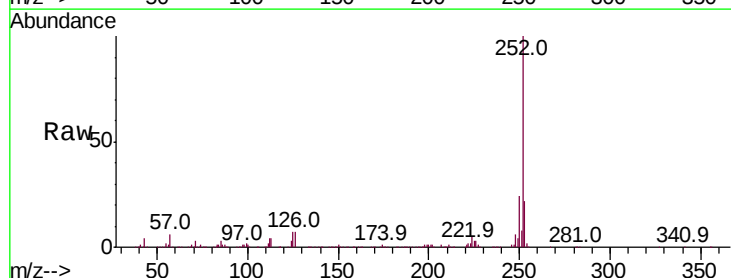
Tgt Ion:252 Resp: 521101

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

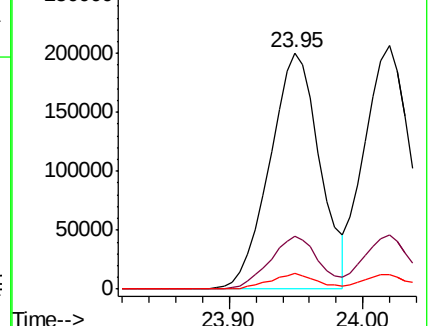
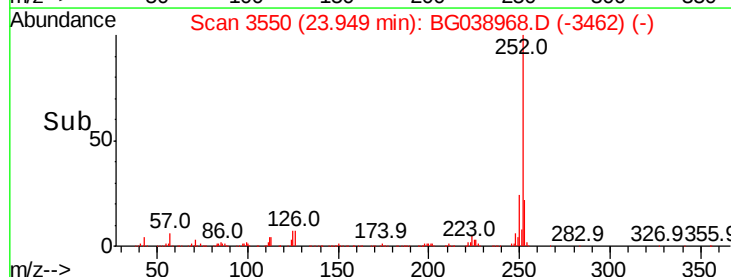
125 6.5 5.5 8.3

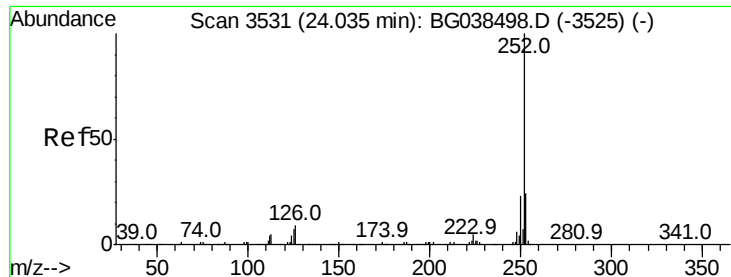


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

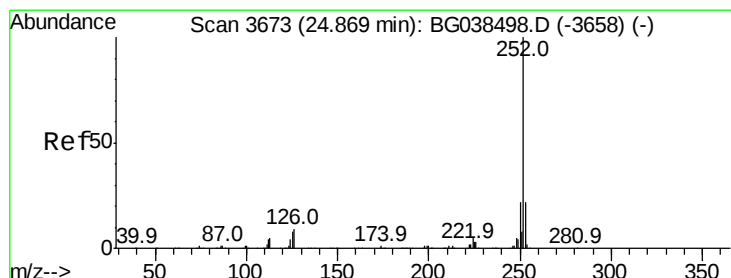
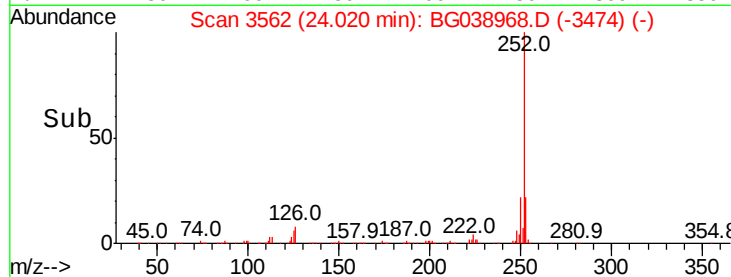
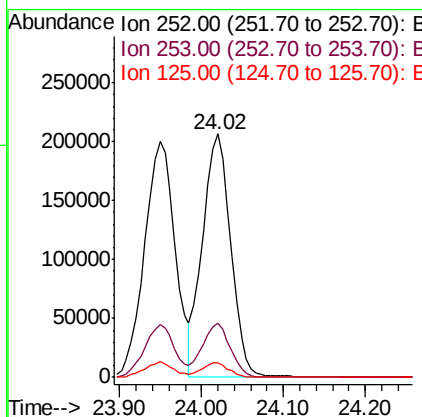
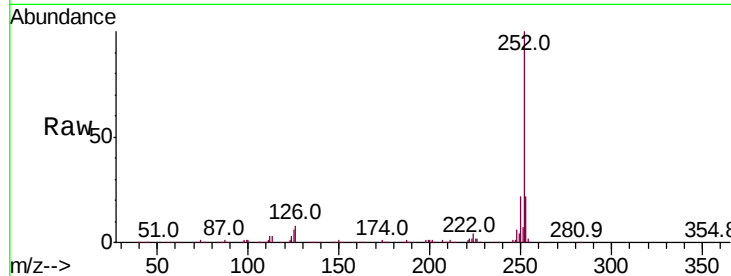




#89
Benzo(k)fluoranthene
Concen: 49.513 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

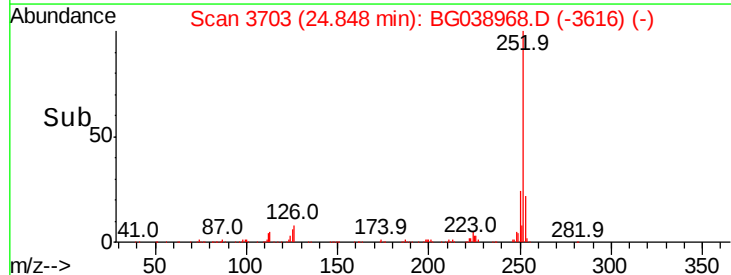
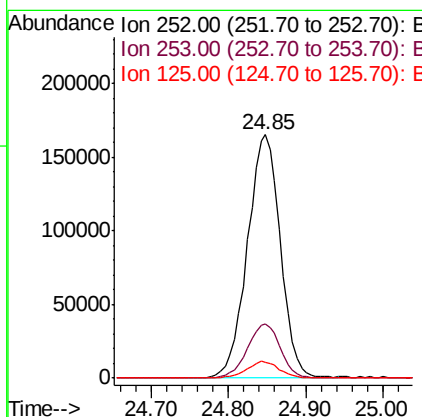
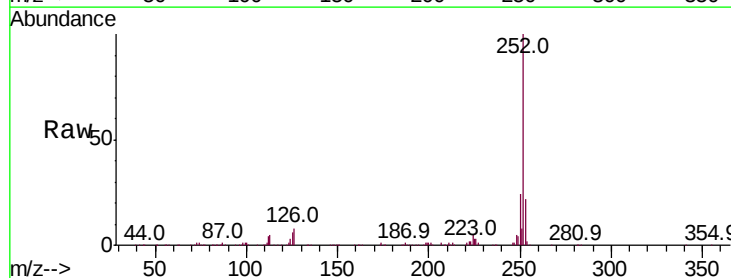
Instrument :
BNA_G
ClientSampled :

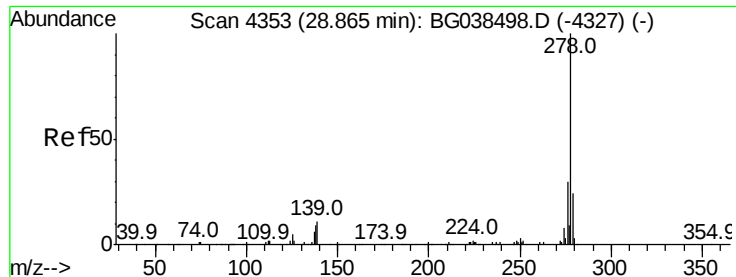
Tot Ion:252 Resp: 493385
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 5.8 5.4 8.2



#90
Benzo(a)pyrene
Concen: 51.241 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG038968.D
Acq: 7 Jan 2019 15:56

Tgt Ion:252 Resp: 494683
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 6.4 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 49.634 ng

RT: 28.84 min Scan# 4382

Delta R.T. -0.03 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

Instrument :

BNA_G

ClientSampleId :

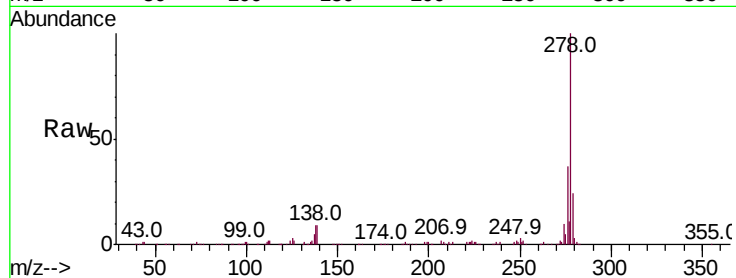
Tot Ion:278 Resp: 477096

Ion Ratio Lower Upper

278 100

139 8.7 8.6 12.8

279 24.4 19.0 28.6

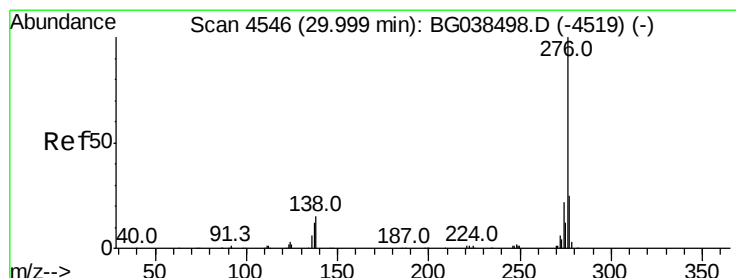
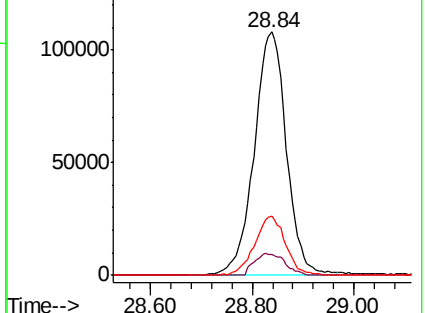
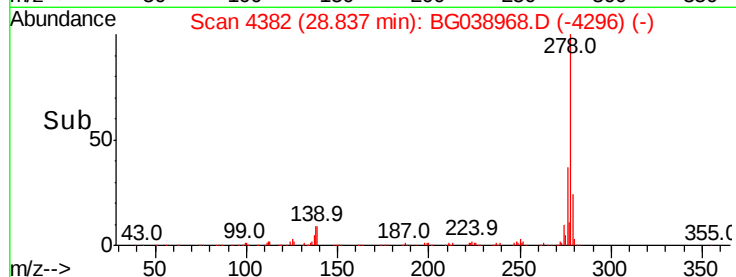


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.413 ng

RT: 29.97 min Scan# 4575

Delta R.T. -0.03 min

Lab File: BG038968.D

Acq: 7 Jan 2019 15:56

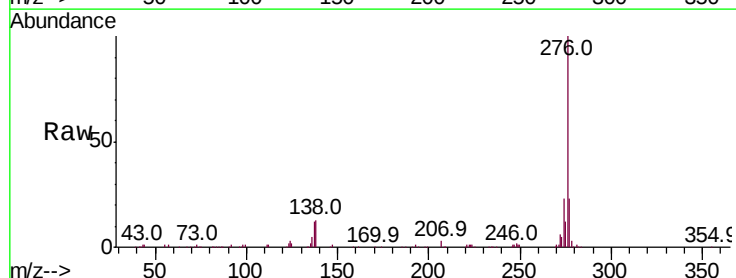
Tgt Ion:276 Resp: 477561

Ion Ratio Lower Upper

276 100

277 23.4 19.8 29.8

138 12.5 11.8 17.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

