

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038910.D
 Acq On : 3 Jan 2019 19:22
 Operator : JU/SJ
 Sample : K1002-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 04:12:33 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	8.05	152	25756	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	105740	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	77618	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	197634	20.00	ng	0.00
76) Chrysene-d12	21.72	240	196435	20.00	ng	0.00
87) Perylene-d12	25.01	264	214604	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	187936	129.42	ng	0.00
7) Phenol-d6	7.21	99	245634	123.22	ng	0.00
23) Nitrobenzene-d5	9.23	82	177391	85.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	180744	168.96	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	480123	84.86	ng	-0.01
79) Terphenyl-d14	20.04	244	957192	106.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	18609	27.534	ng	# 8
3) Pyridine	3.90	79	54293	29.178	ng	94
4) n-Nitrosodimethylamine	3.81	42	33092	36.296	ng	# 94
6) Aniline	7.38	93	29891	11.746	ng	99
8) 2-Chlorophenol	7.61	128	77352	46.030	ng	96
9) Benzaldehyde	7.19	77	33146	25.631	ng	88
10) Phenol	7.24	94	84345	39.825	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	65481	38.834	ng	94
12) 1,3-Dichlorobenzene	7.93	146	76377	38.439	ng	97
13) 1,4-Dichlorobenzene	8.08	146	78968	38.805	ng	98
14) 1,2-Dichlorobenzene	8.40	146	76880	40.074	ng	98
15) Benzyl Alcohol	8.29	79	72696	46.719	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	130242	33.718	ng	96
17) 2-Methylphenol	8.49	107	65833	46.395	ng	96
18) Hexachloroethane	9.12	117	27938	37.571	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	57559	41.110	ng	93
20) 3+4-Methylphenols	8.82	107	90359	46.109	ng	96
22) Acetophenone	8.88	105	117736	44.577	ng	# 94
24) Nitrobenzene	9.27	77	86178	41.157	ng	95
25) Isophorone	9.78	82	170980	45.977	ng	98
26) 2-Nitrophenol	9.97	139	47836	44.636	ng	92
27) 2,4-Dimethylphenol	10.03	122	78917	51.382	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	96050	45.767	ng	99
29) 2,4-Dichlorophenol	10.52	162	93765	54.876	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	93077	45.098	ng	96
31) Naphthalene	10.91	128	246001	47.218	ng	98
32) Benzoic acid	10.15	122	10604	18.732	ng	# 80
33) 4-Chloroaniline	11.04	127	6228	2.753	ng	92
34) Hexachlorobutadiene	11.17	225	61620	44.123	ng	95
35) Caprolactam	11.83	113	23006	32.535	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	98807	50.674	ng	95
37) 2-Methylnaphthalene	12.51	142	192790	51.870	ng	97
38) 1-Methylnaphthalene	12.74	142	185122	51.327	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	121051	41.723	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	130763	82.036	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	89435	50.134	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	97234	51.480	ng	98
46) 1,1'-Biphenyl	13.52	154	266114	40.897	ng	98
47) 2-Chloronaphthalene	13.56	162	216023	42.979	ng	99
48) 2-Nitroaniline	13.78	65	67974	42.458	ng	92
49) Acenaphthylene	14.41	152	355454	47.306	ng	99
50) Dimethylphthalate	14.14	163	296794	46.824	ng	98
51) 2,6-Dinitrotoluene	14.28	165	67513	47.001	ng	90
52) Acenaphthene	14.75	154	202683	45.110	ng	97
53) 3-Nitroaniline	14.60	138	9576	6.540	ng	90
54) 2,4-Dinitrophenol	14.82	184	8650	14.647	ng	99
55) Dibenzofuran	15.09	168	354242	45.994	ng	97
56) 4-Nitrophenol	14.92	139	74574	67.134	ng	96
57) 2,4-Dinitrotoluene	15.06	165	96479	47.688	ng	95
58) Fluorene	15.73	166	287124	50.318	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	93048	54.757	ng	95
60) Diethylphthalate	15.49	149	306551	44.055	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	163657	45.967	ng	99
62) 4-Nitroaniline	15.77	138	64652	42.888	ng	96
63) Azobenzene	16.01	77	242010	41.633	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	17091	12.123	ng	91
66) n-Nitrosodiphenylamine	15.94	169	263821	45.432	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	112044	46.420	ng	97
68) Hexachlorobenzene	16.73	284	119595	47.799	ng	95
69) Atrazine	16.88	200	109551	50.835	ng	95
70) Pentachlorophenol	17.08	266	59267	40.047	ng	90
71) Phenanthrene	17.48	178	500245	48.811	ng	98
72) Anthracene	17.57	178	507890	50.199	ng	99
73) Carbazole	17.85	167	438508	43.824	ng	99
74) Di-n-butylphthalate	18.37	149	513817	44.752	ng	99
75) Fluoranthene	19.49	202	615217	48.517	ng	97
77) Benzidine	19.67	184	78863	13.575	ng	98
78) Pyrene	19.85	202	623346	48.034	ng	99
80) Butylbenzylphthalate	20.72	149	230455	45.455	ng	99
81) Benzo(a)anthracene	21.70	228	600072	50.132	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	70410	14.832	ng	99
83) Chrysene	21.77	228	556567	48.274	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	326523	45.410	ng	97
85) Di-n-octyl phthalate	22.78	149	552608	45.888	ng	97
86) Indeno(1,2,3-cd)pyrene	28.79	276	689968	50.903	ng	# 75
88) Benzo(b)fluoranthene	23.96	252	587962	49.901	ng	99
89) Benzo(k)fluoranthene	24.03	252	591152	50.384	ng	97
90) Benzo(a)pyrene	24.86	252	584478	51.418	ng	98
91) Dibenzo(a,h)anthracene	28.85	278	567478	50.139	ng	# 98
92) Benzo(g,h,i)perylene	29.98	276	567366	50.867	ng	96

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

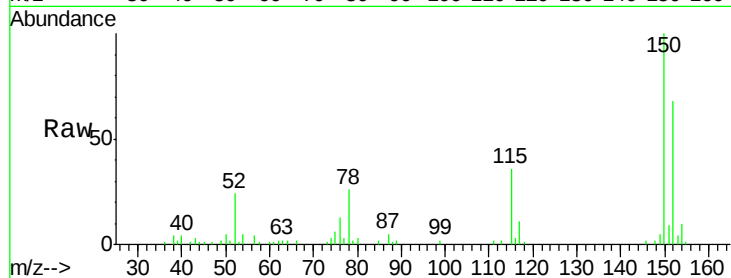


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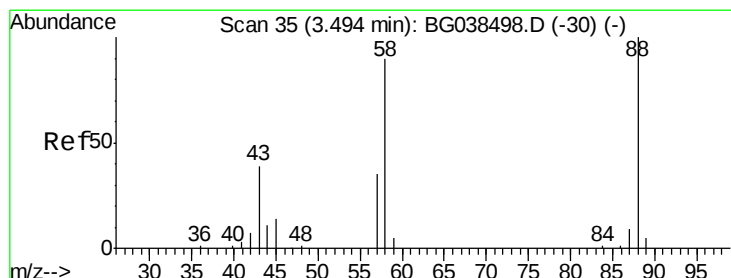
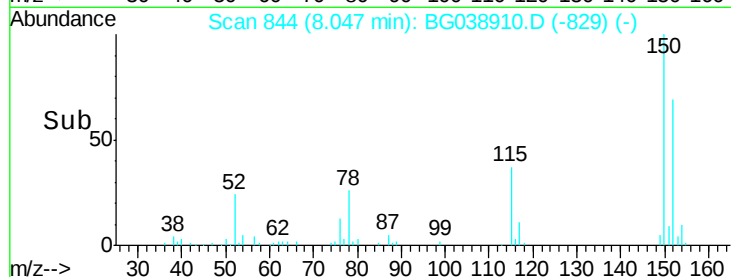
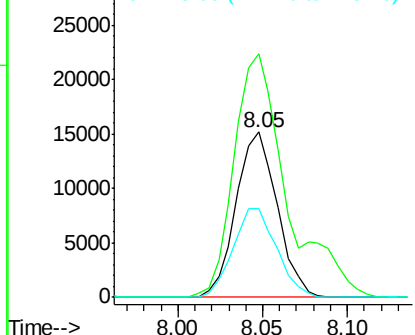
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25756
Ion Ratio Lower Upper
152 100
150 147.3 119.5 179.3
115 53.4 49.6 74.4



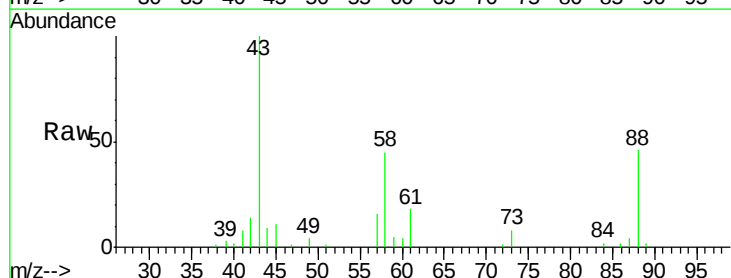
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



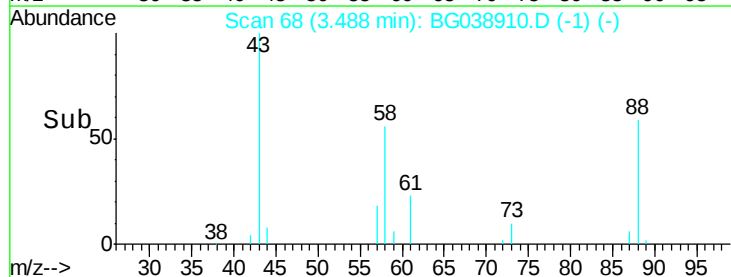
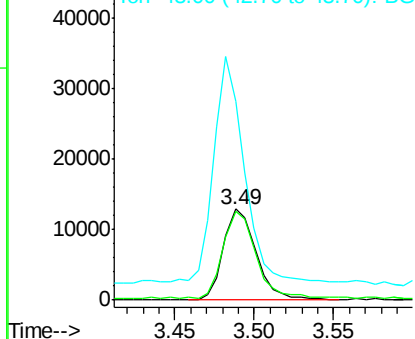
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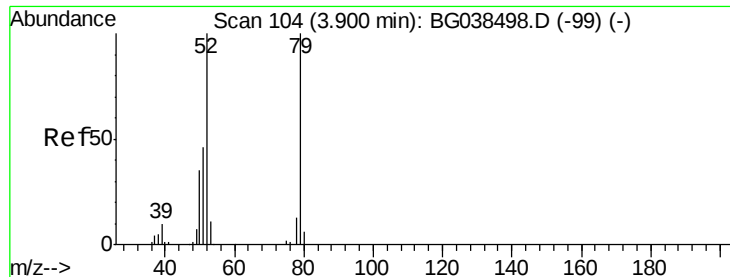
1,4-Dioxane
Concen: 27.534 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion: 88 Resp: 18609
Ion Ratio Lower Upper
88 100
58 96.0 75.7 113.5
43 229.0 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: 29.178 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

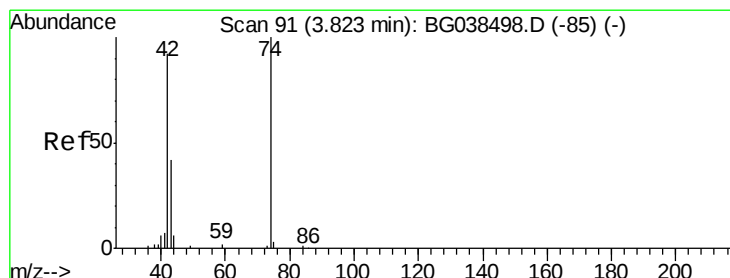
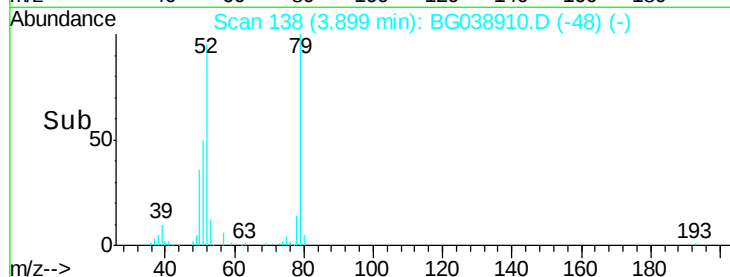
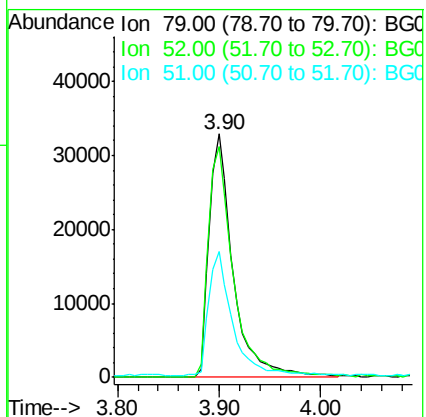
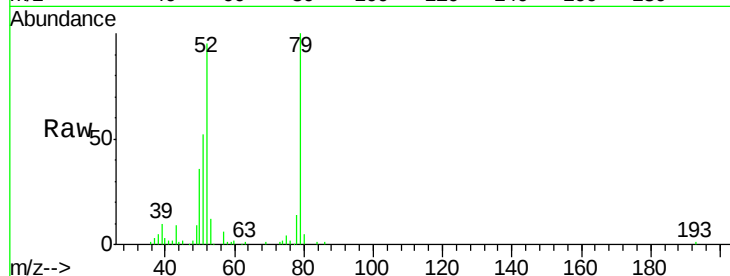
Tot Ion: 79 Resp: 54293

Ion Ratio Lower Upper

79 100

52 94.7 80.2 120.2

51 51.7 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 36.296 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

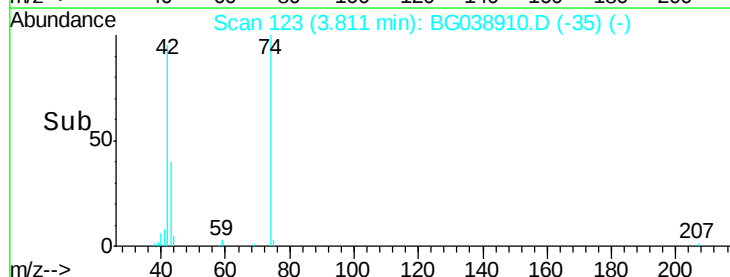
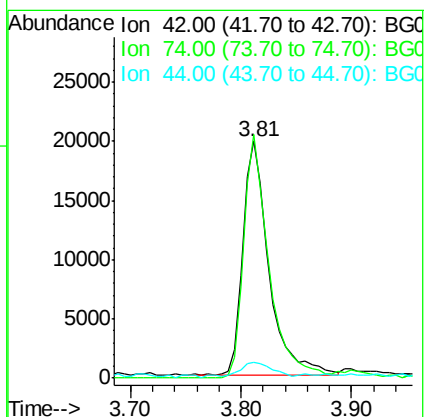
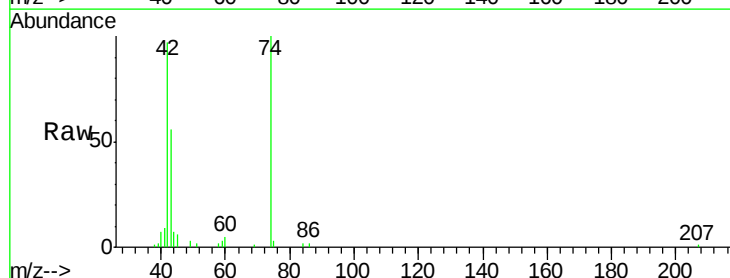
Tgt Ion: 42 Resp: 33092

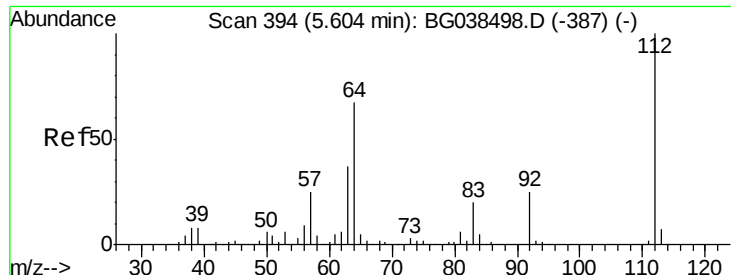
Ion Ratio Lower Upper

42 100

74 102.7 86.7 130.1

44 6.8 7.8 11.8#





#5

2-Fluorophenol

Concen: 129.420 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampled :

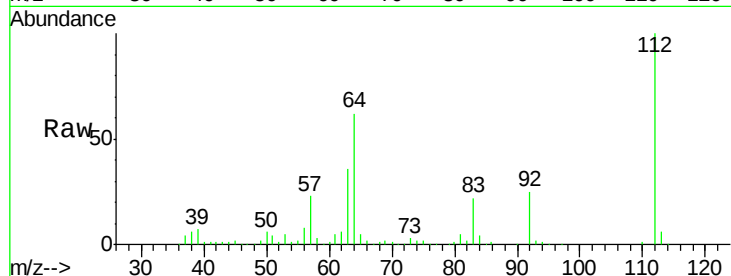
Tot Ion:112 Resp: 187936

Ion Ratio Lower Upper

112 100

64 61.6 53.4 80.2

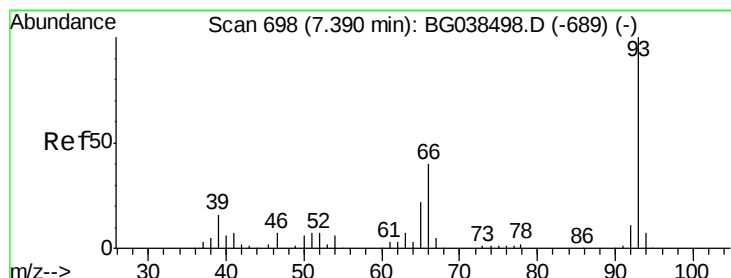
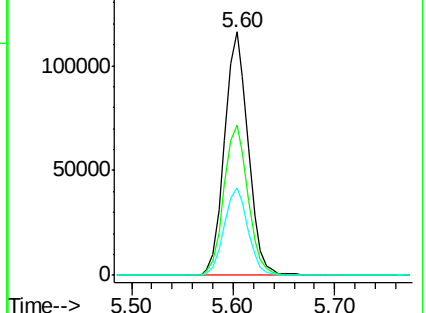
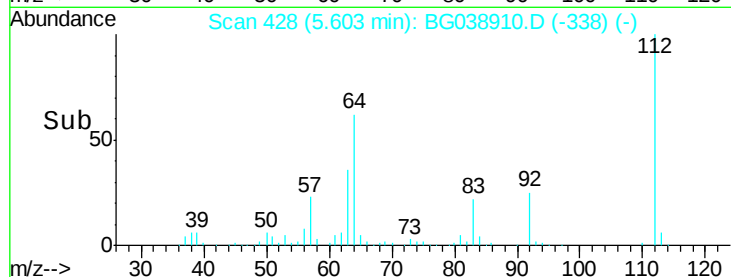
63 35.9 29.3 43.9



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: 11.746 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

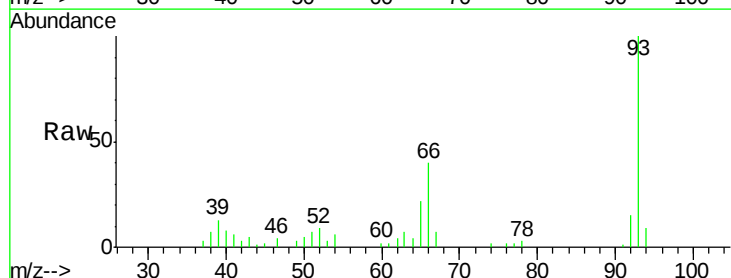
Tgt Ion: 93 Resp: 29891

Ion Ratio Lower Upper

93 100

66 39.7 31.7 47.5

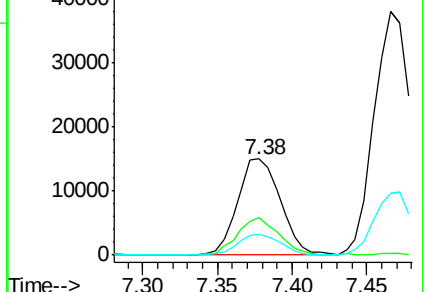
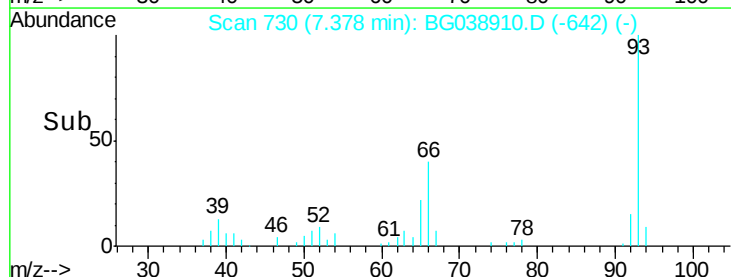
65 21.7 17.8 26.6

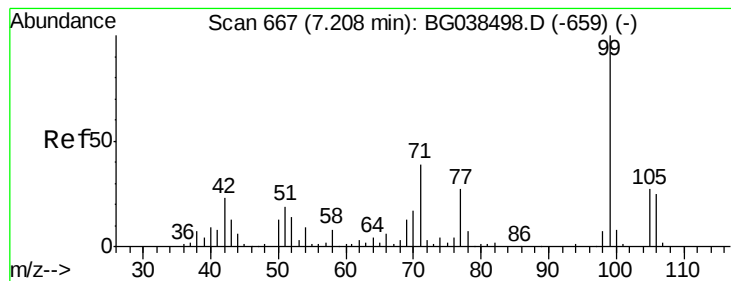


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.217 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

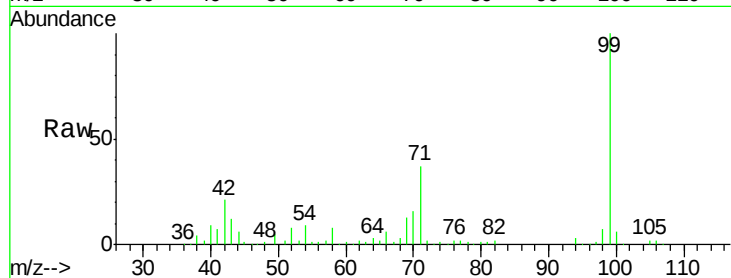
Tot Ion: 99 Resp: 245634

Ion Ratio Lower Upper

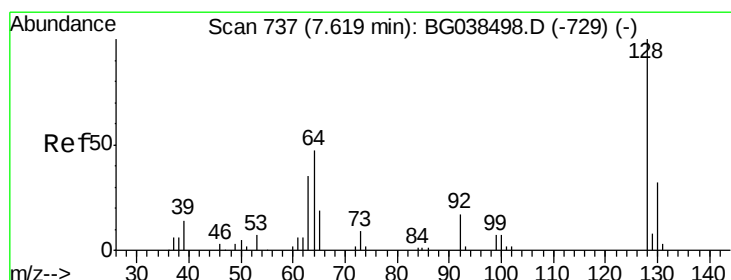
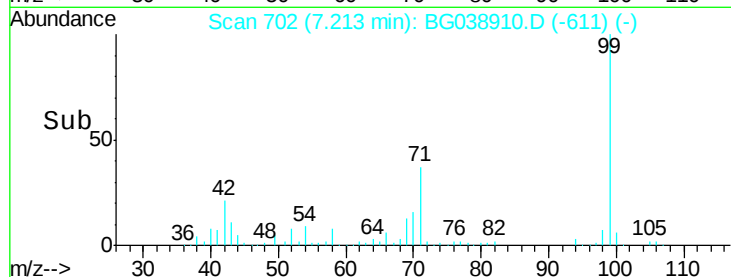
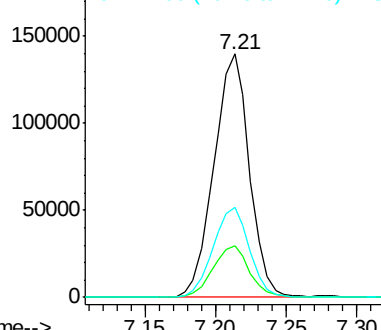
99 100

42 21.1 18.5 27.7

71 36.8 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: 46.030 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

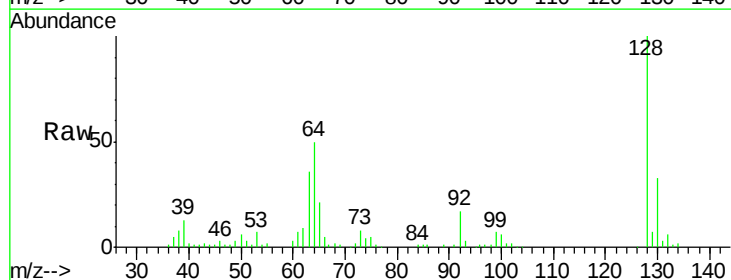
Tgt Ion: 128 Resp: 77352

Ion Ratio Lower Upper

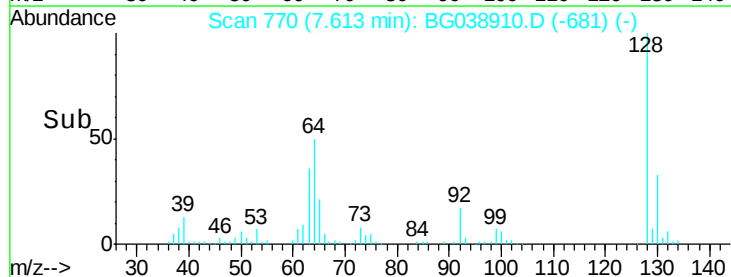
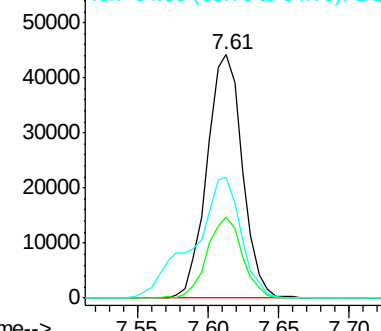
128 100

130 33.1 11.8 51.8

64 49.6 33.2 73.2



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

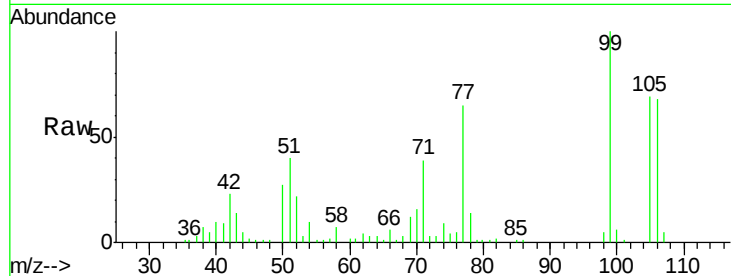




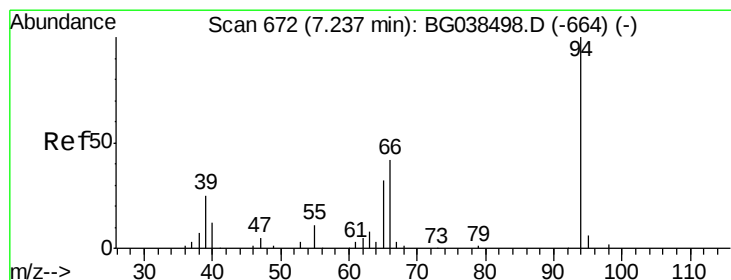
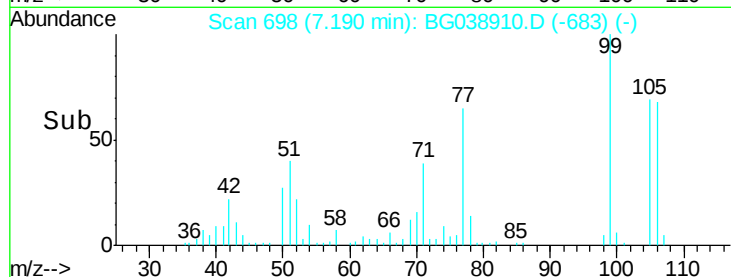
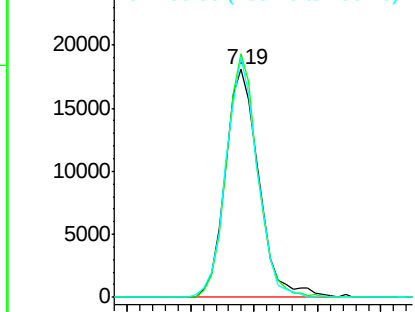
#9
Benzaldehyde
Concen: 25.631 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 33146
Ion Ratio Lower Upper
77 100
105 106.8 74.0 114.0
106 105.0 73.9 113.9

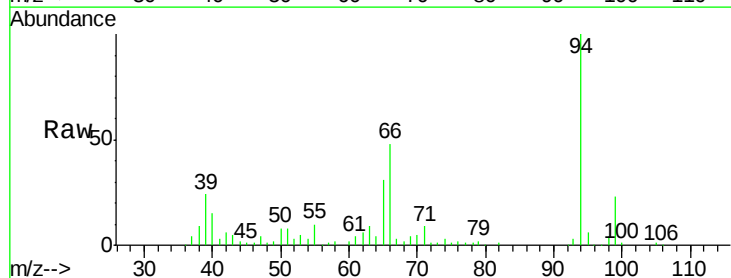


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

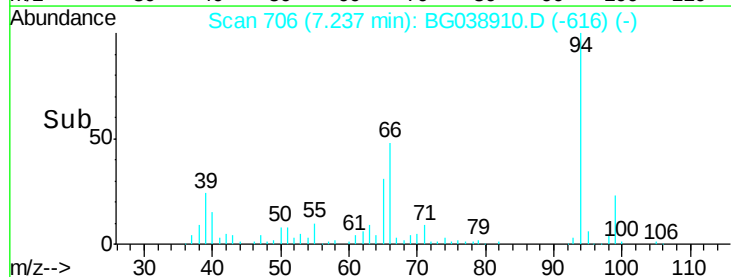
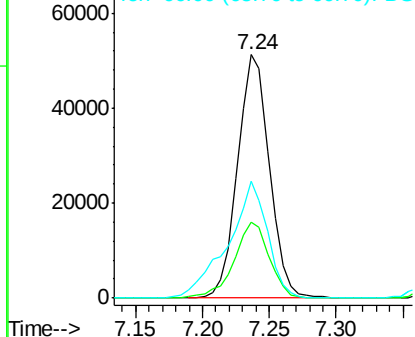


#10
Phenol
Concen: 39.825 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion: 94 Resp: 84345
Ion Ratio Lower Upper
94 100
65 31.2 12.6 52.6
66 48.0 24.1 64.1



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

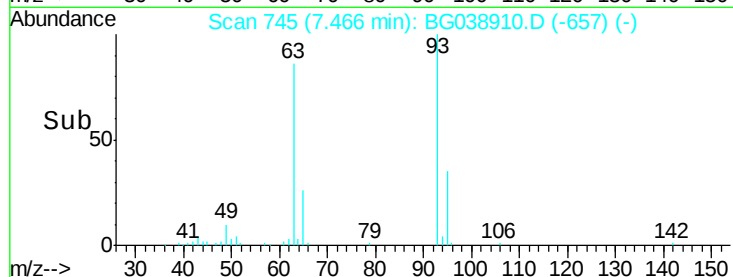
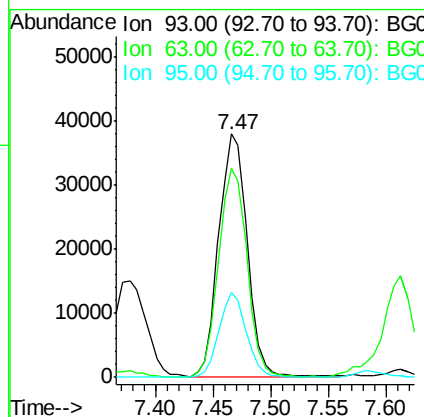
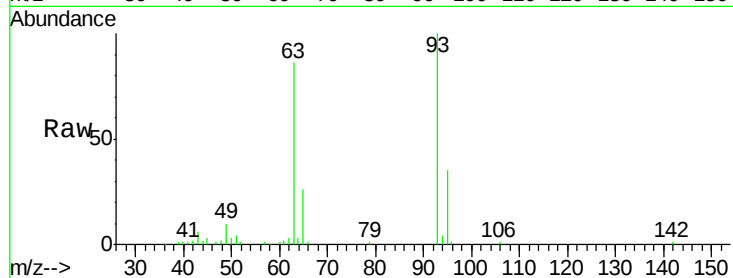




#11
bis(2-Chloroethyl)ether
Concen: 38.834 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

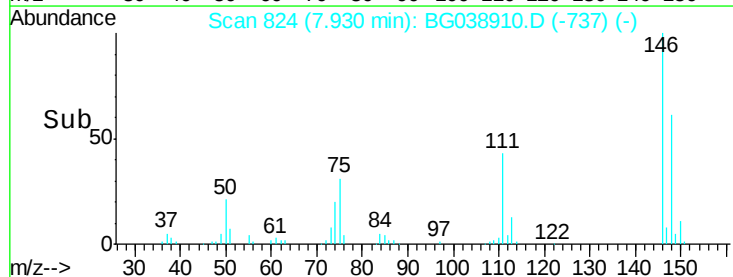
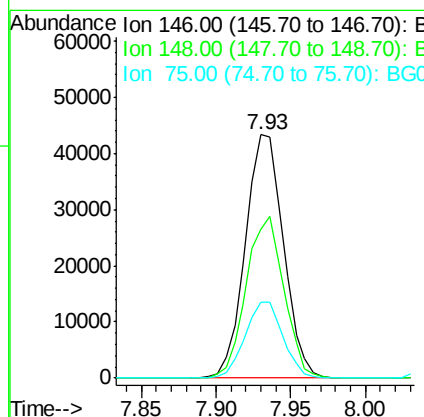
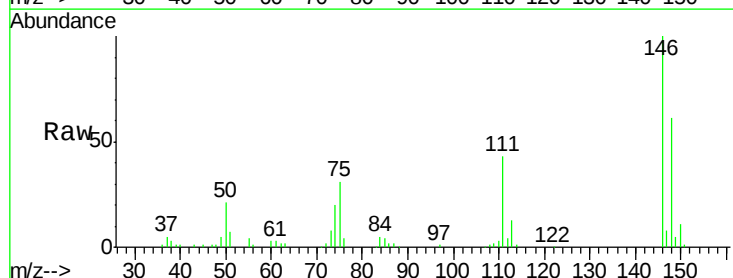
Instrument :
BNA_G
ClientSampled :

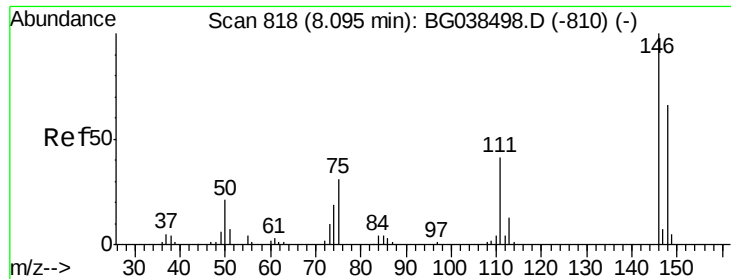
Tot Ion: 93 Resp: 65481
Ion Ratio Lower Upper
93 100
63 86.0 72.2 112.2
95 34.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.439 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion: 146 Resp: 76377
Ion Ratio Lower Upper
146 100
148 60.9 51.4 77.0
75 31.4 26.1 39.1

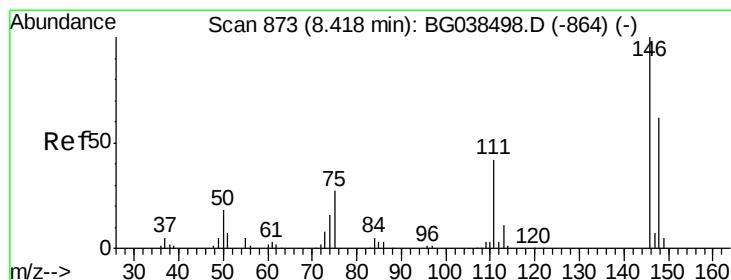
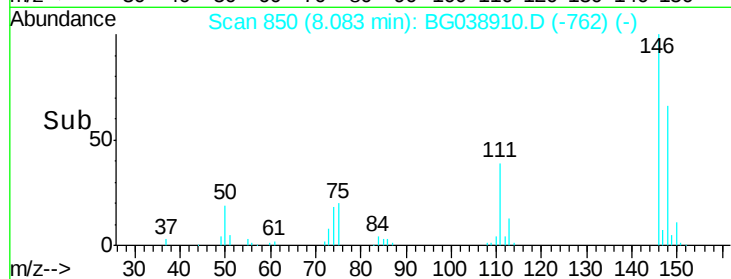
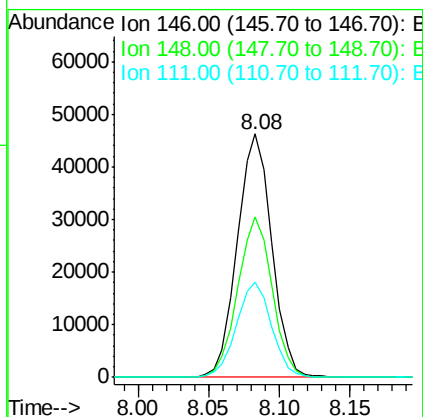
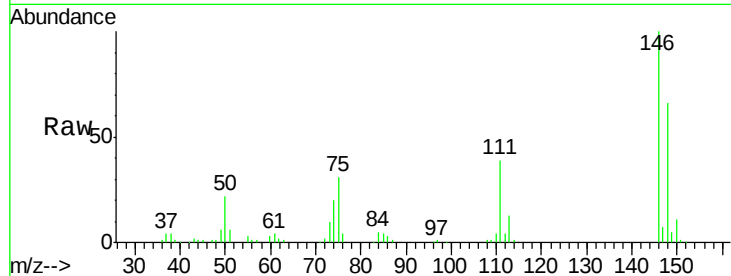




#13
 1,4-Dichlorobenzene
 Concen: 38.805 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

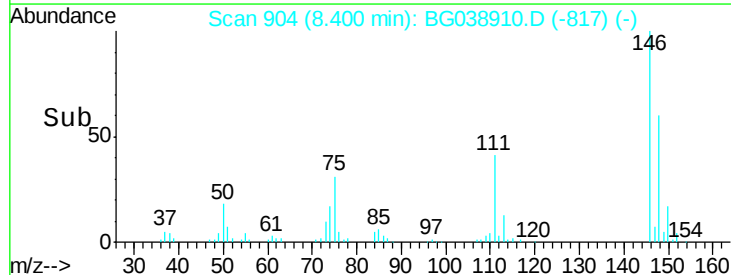
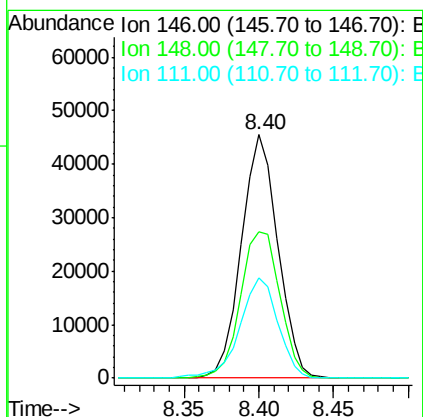
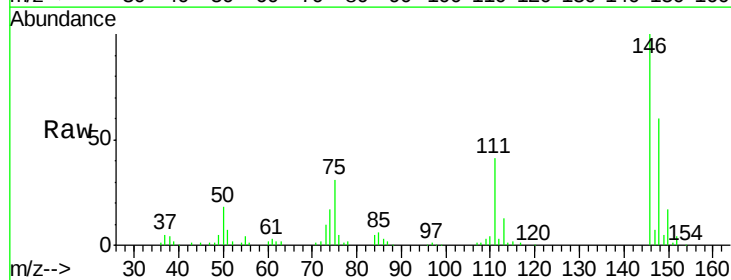
Instrument :
 BNA_G
 ClientSampled :

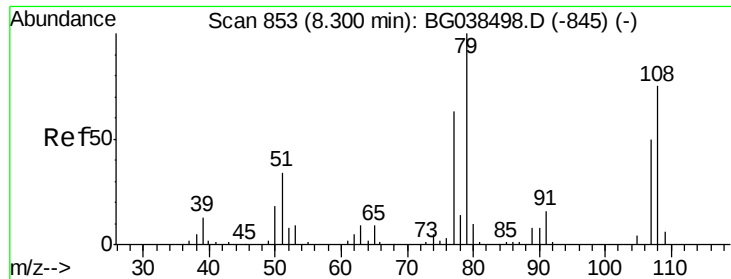
Tot Ion:146 Resp: 78968
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.4 78.6
 111 38.9 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 40.074 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:146 Resp: 76880
 Ion Ratio Lower Upper
 146 100
 148 60.1 49.4 74.0
 111 41.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 46.719 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

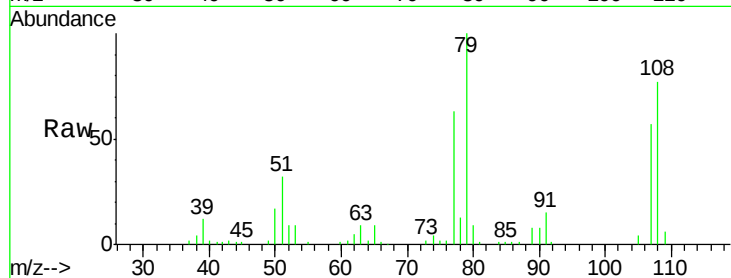
Tot Ion: 79 Resp: 72696

Ion Ratio Lower Upper

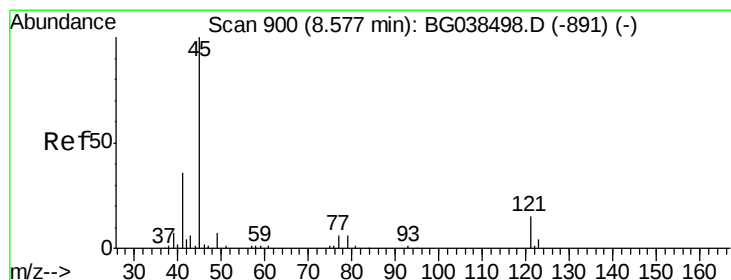
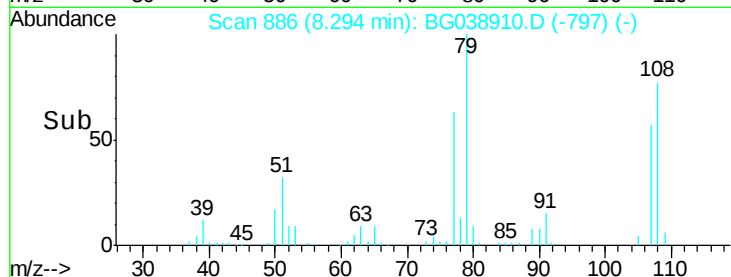
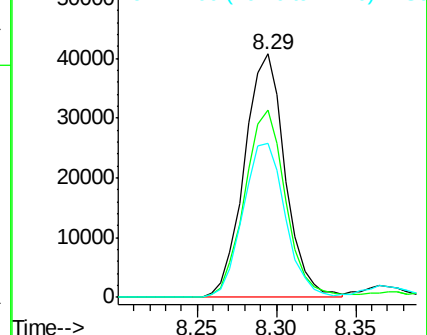
79 100

108 77.0 60.2 90.4

77 63.4 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.718 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

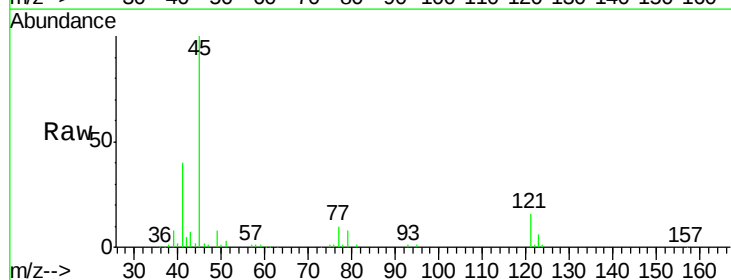
Tgt Ion: 45 Resp: 130242

Ion Ratio Lower Upper

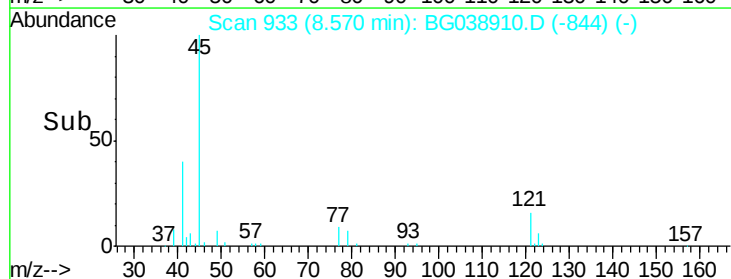
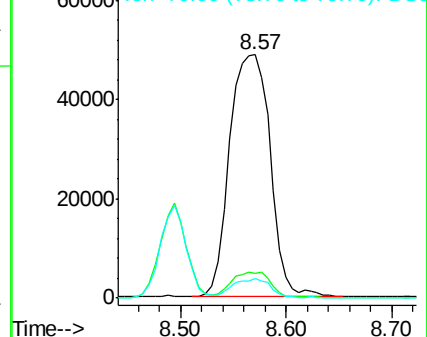
45 100

77 10.2 0.0 28.2

79 8.1 0.0 27.2



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

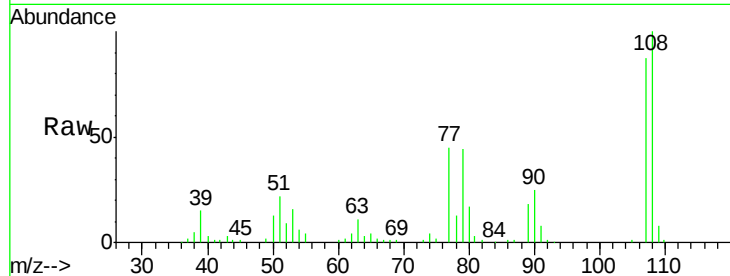




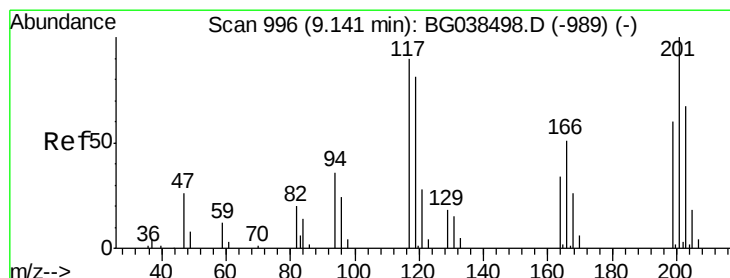
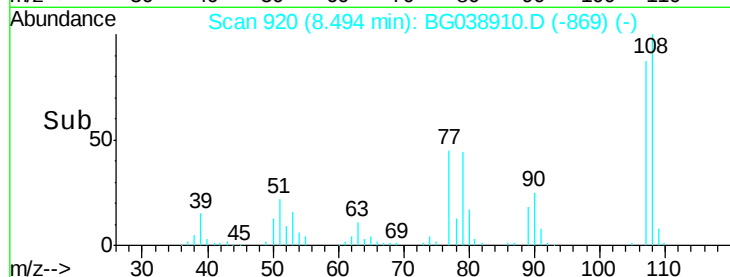
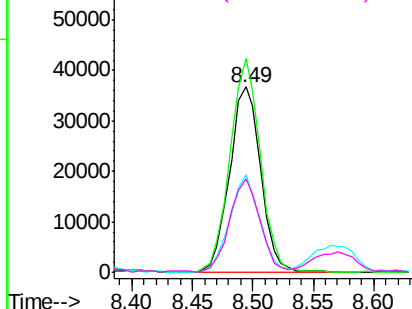
#17
2-Methylphenol
Concen: 46.395 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 65833
Ion Ratio Lower Upper
107 100
108 115.1 87.1 130.7
77 52.4 42.0 63.0
79 50.6 38.2 57.2

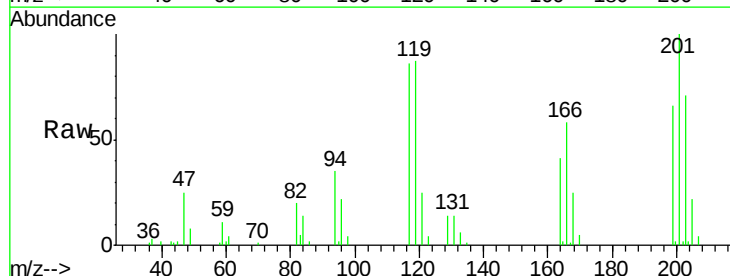


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

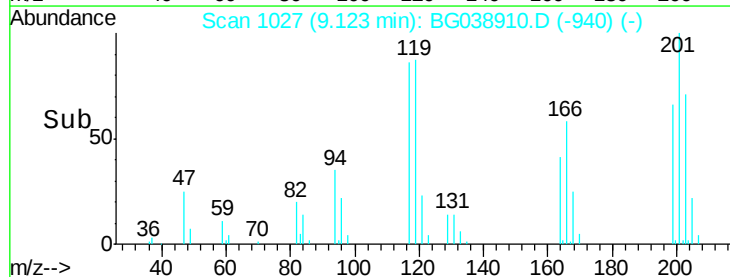
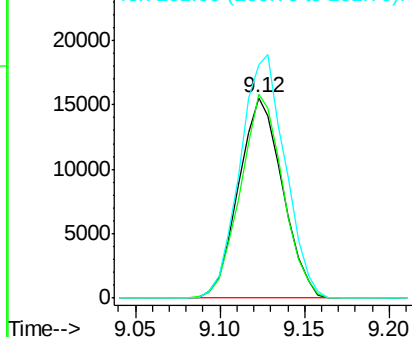


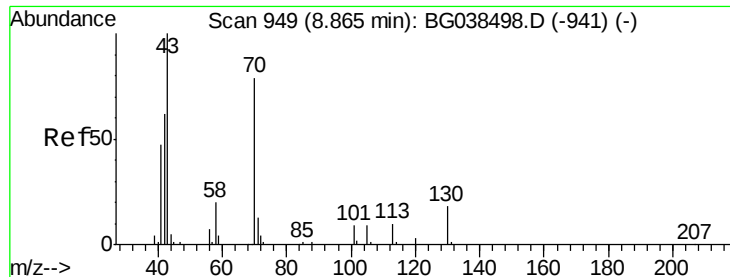
#18
Hexachloroethane
Concen: 37.571 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion:117 Resp: 27938
Ion Ratio Lower Upper
117 100
119 101.8 73.8 110.8
201 116.4 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

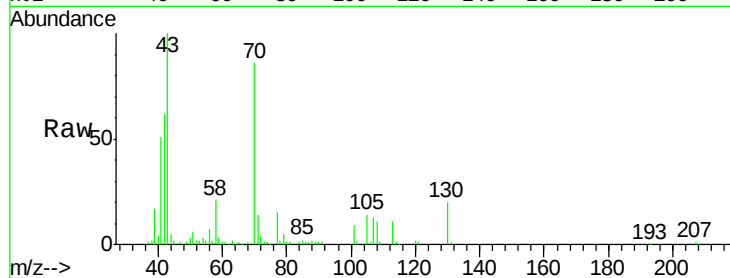




#19
n-Nitroso-di-n-propylamine
Concen: 41.110 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	57559
Ion	Ratio	Lower	Upper
70	100		
42	71.5	63.6	95.4
101	10.4	9.2	13.8
130	23.4	18.5	27.7



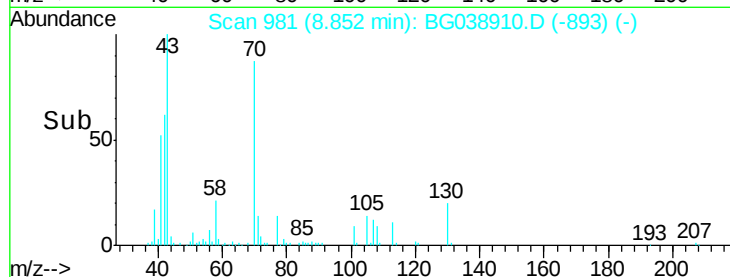
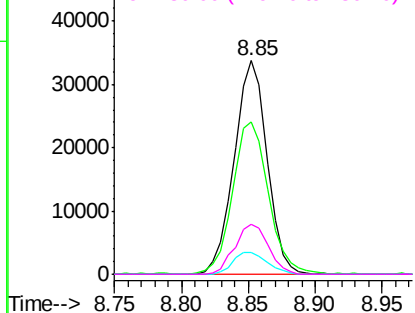
Abundance

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: 46.109 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion:	107	Resp:	90359
Ion	Ratio	Lower	Upper
107	100		
108	92.7	66.7	106.7
77	35.7	17.3	57.3
79	31.7	12.3	52.3

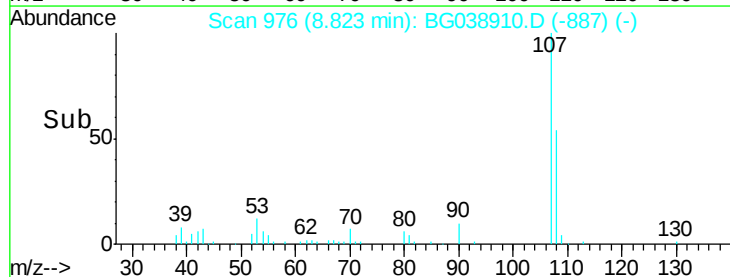
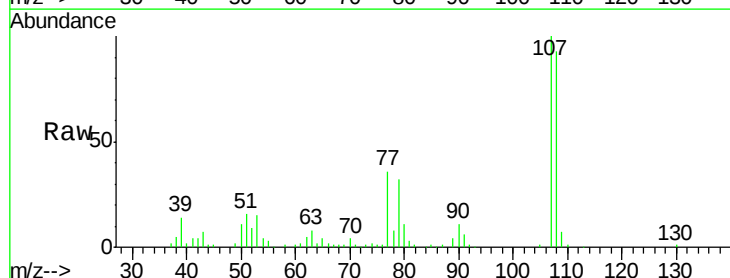
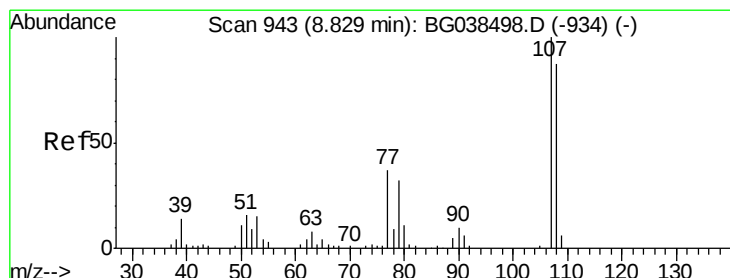
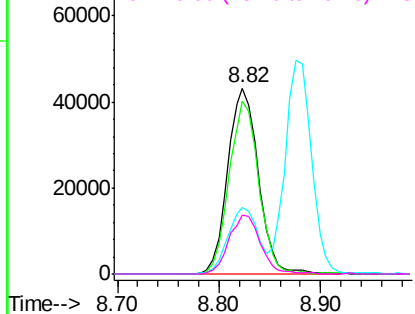
Abundance

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

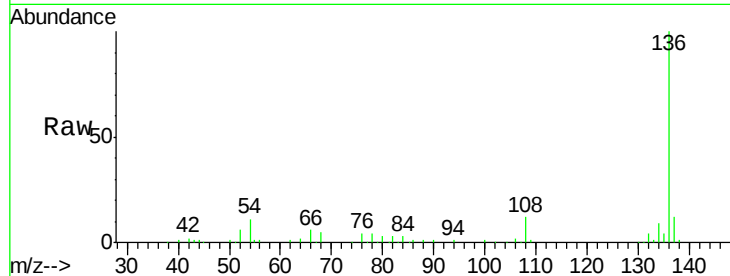




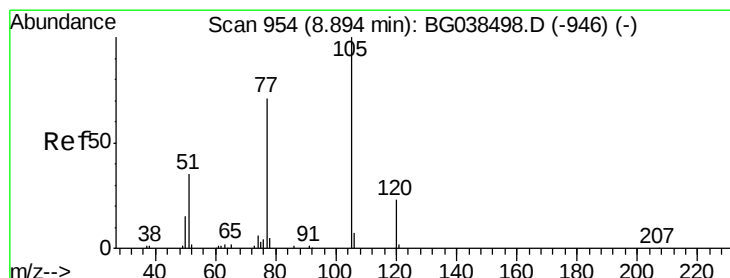
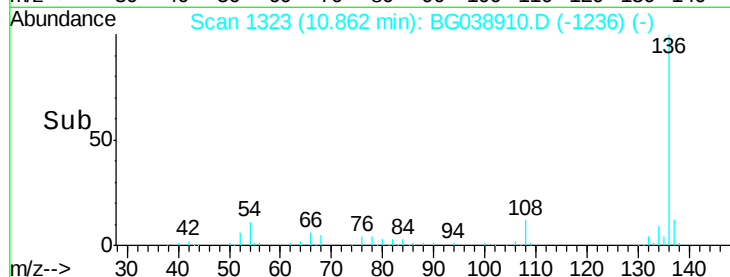
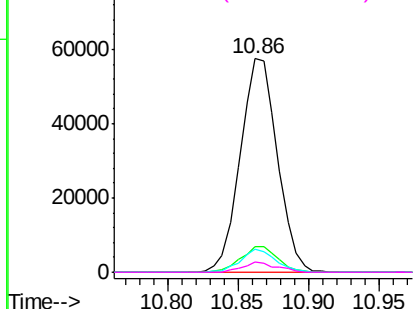
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	105740
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.3 13.9
54	10.6	8.5 12.7
68	4.7	3.5 5.3

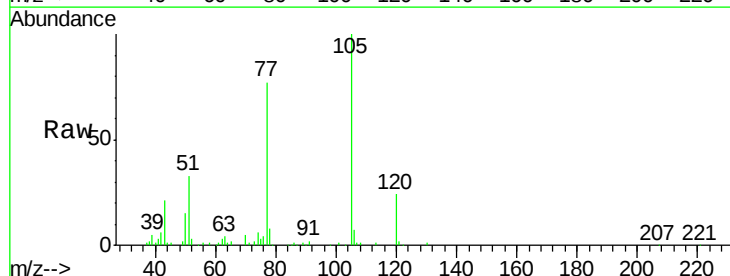


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

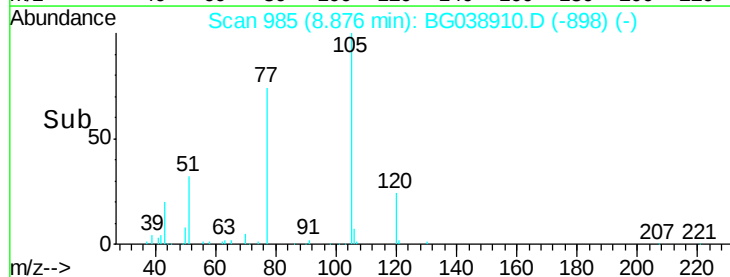
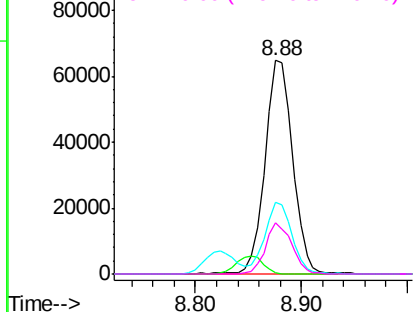


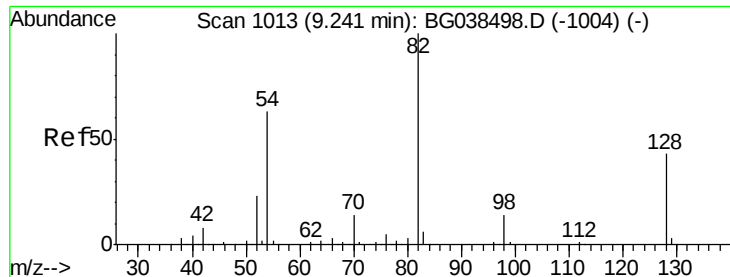
#22
Acetophenone
Concen: 44.577 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion:105	Resp:	117736
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.4 0.6#
51	33.5	30.6 46.0
120	24.1	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

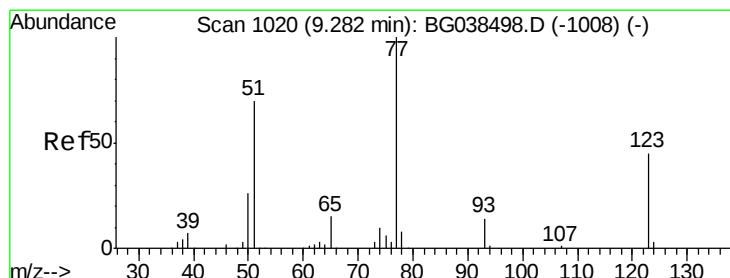
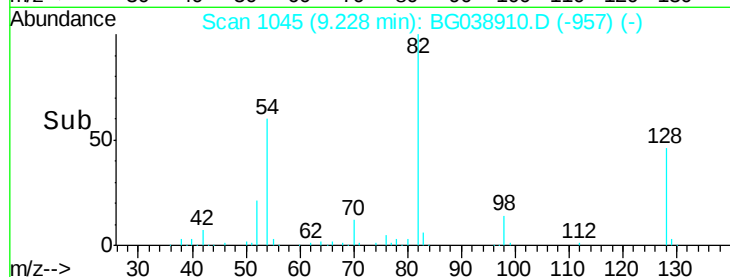
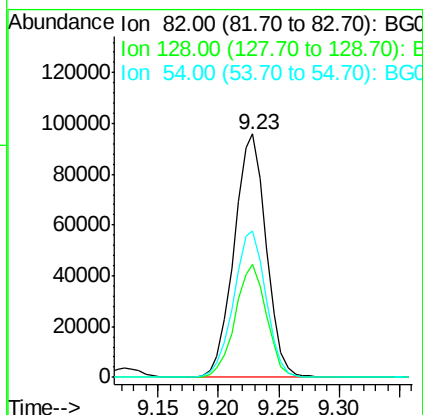
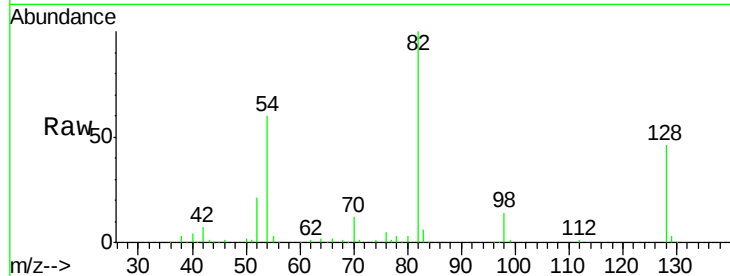




#23
Nitrobenzene-d5
Concen: 85.705 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

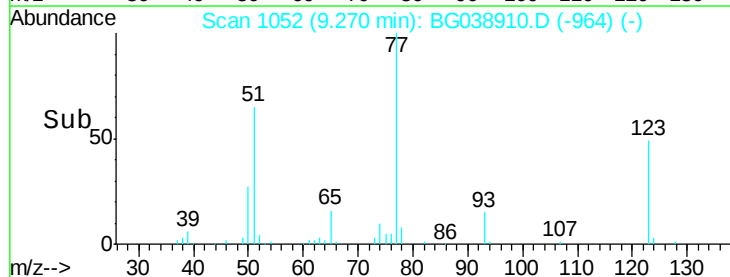
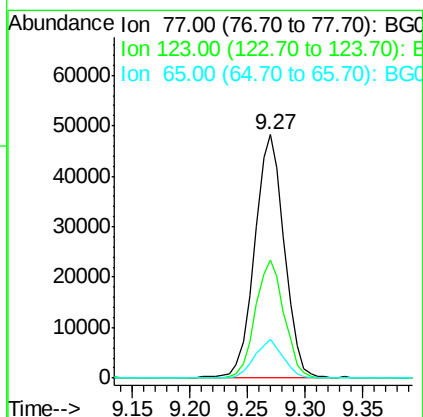
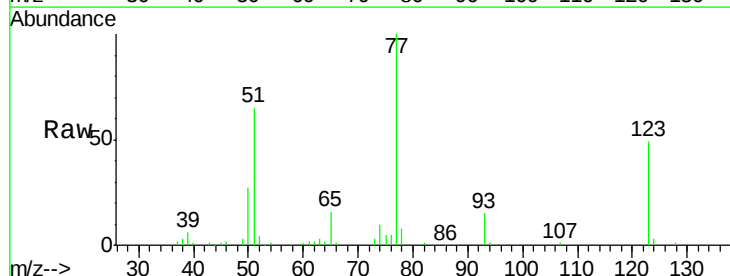
Instrument :
BNA_G
ClientSampleId :

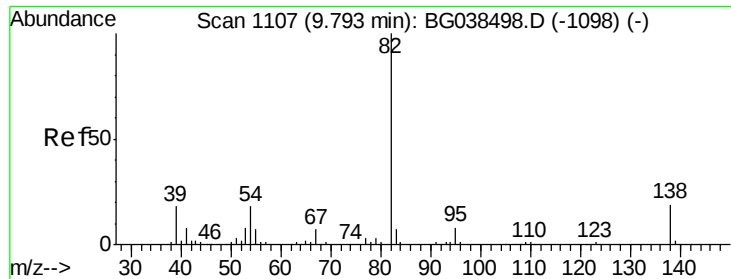
Tot Ion: 82 Resp: 177391
Ion Ratio Lower Upper
82 100
128 46.3 34.6 52.0
54 60.1 50.6 76.0



#24
Nitrobenzene
Concen: 41.157 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion: 77 Resp: 86178
Ion Ratio Lower Upper
77 100
123 48.6 35.9 53.9
65 15.9 12.0 18.0





#25

Isophorone

Concen: 45.977 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

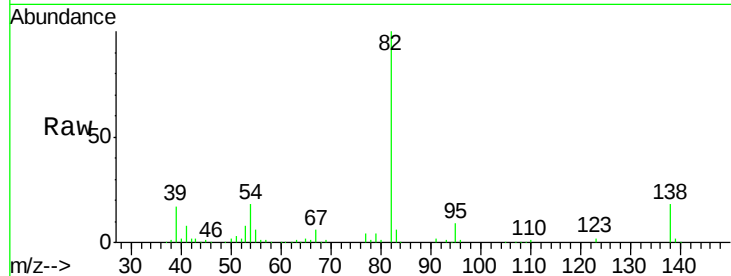
Tot Ion: 82 Resp: 170980

Ion Ratio Lower Upper

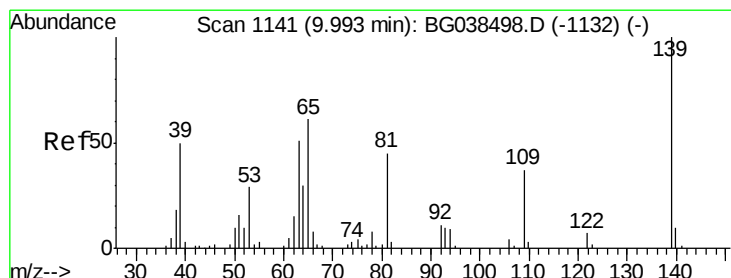
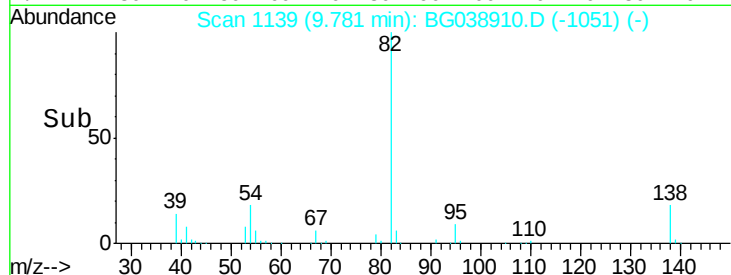
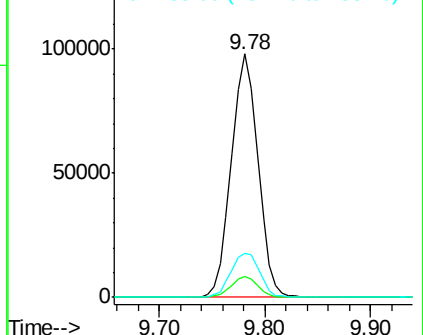
82 100

95 8.6 6.1 9.1

138 17.9 14.9 22.3



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



#26

2-Nitrophenol

Concen: 44.636 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

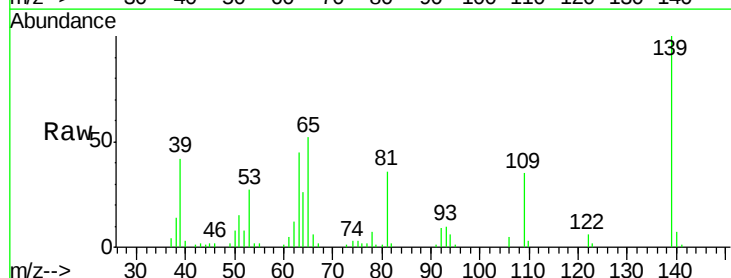
Tgt Ion: 139 Resp: 47836

Ion Ratio Lower Upper

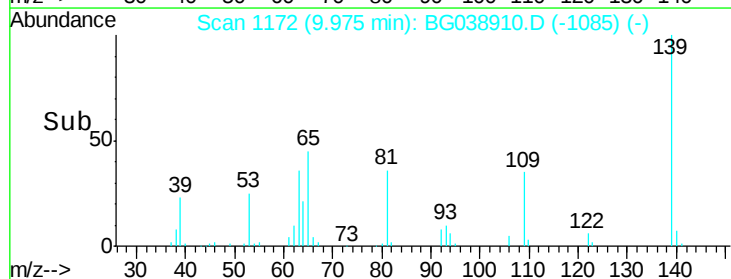
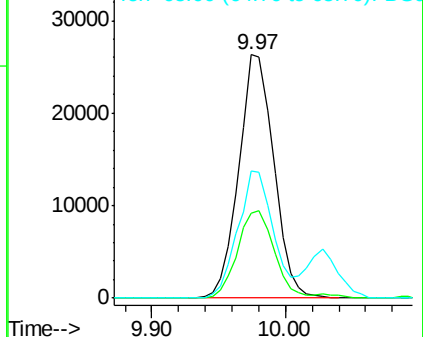
139 100

109 34.9 29.5 44.3

65 52.4 48.5 72.7



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

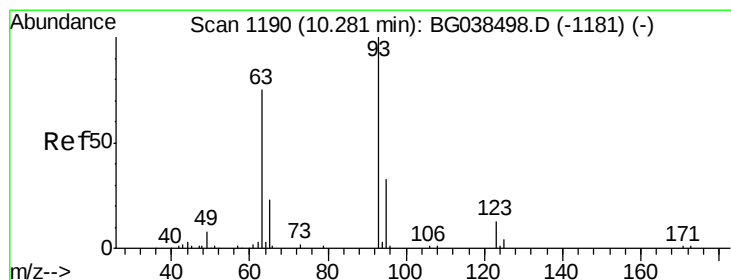
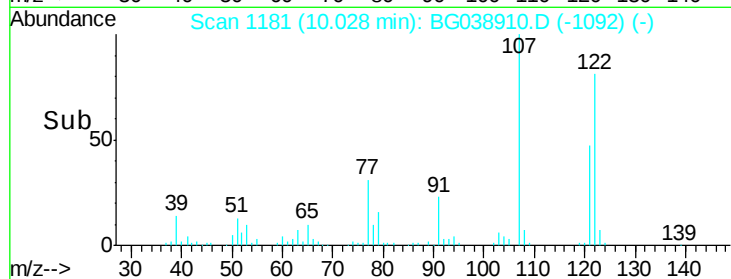
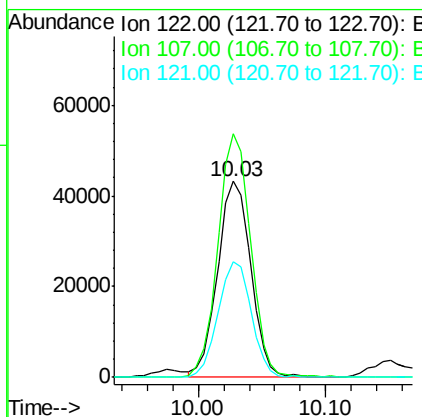
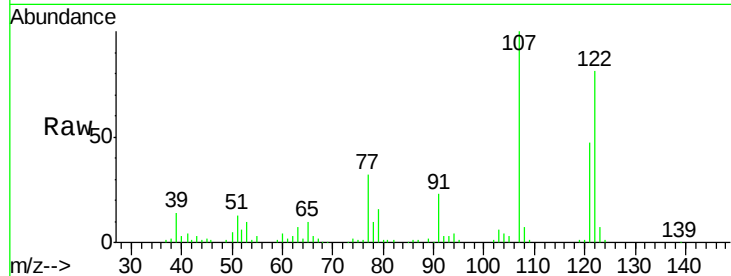




#27
 2,4-Dimethylphenol
 Concen: 51.382 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

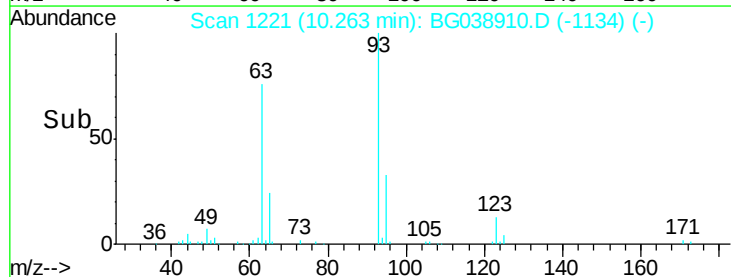
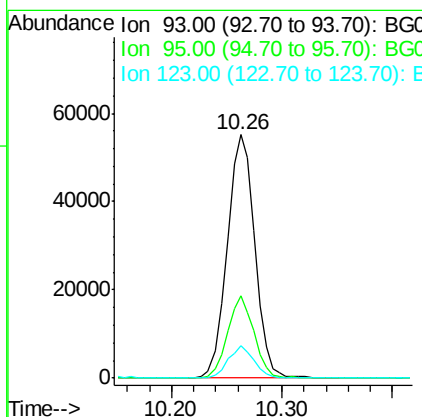
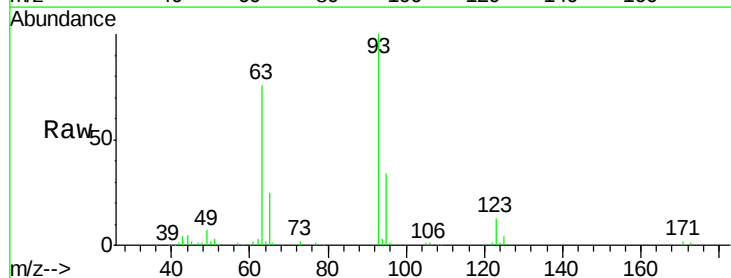
Instrument :
 BNA_G
 ClientSampleId :

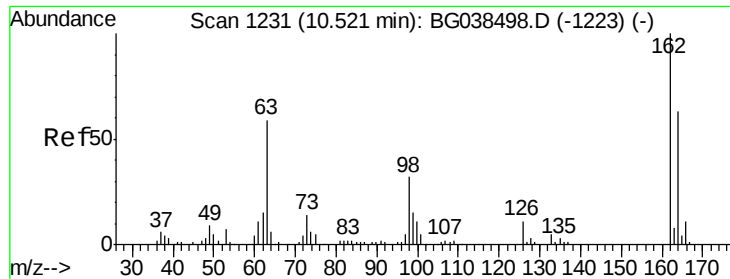
Tot Ion:122 Resp: 78917
 Ion Ratio Lower Upper
 122 100
 107 124.1 98.4 147.6
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.767 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion: 93 Resp: 96050
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.6 40.0
 123 13.1 10.6 16.0

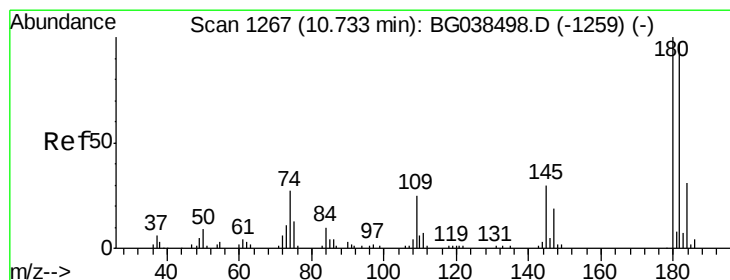
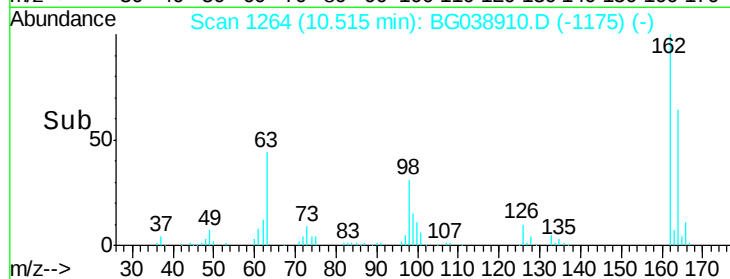
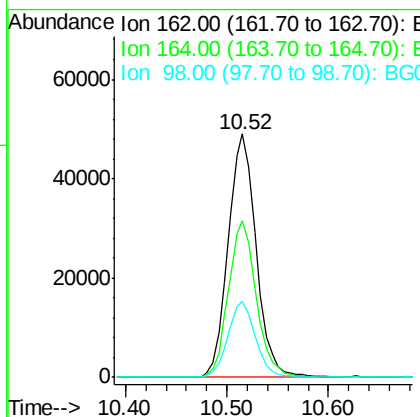
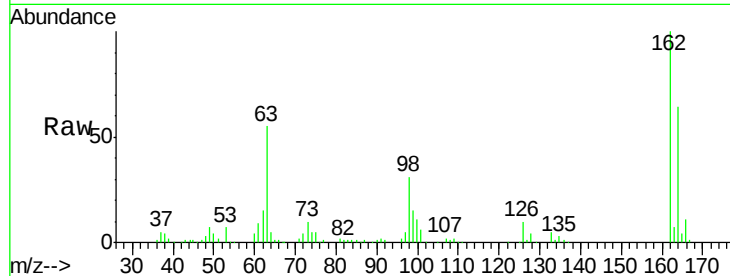




#29
 2,4-Dichlorophenol
 Concen: 54.876 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

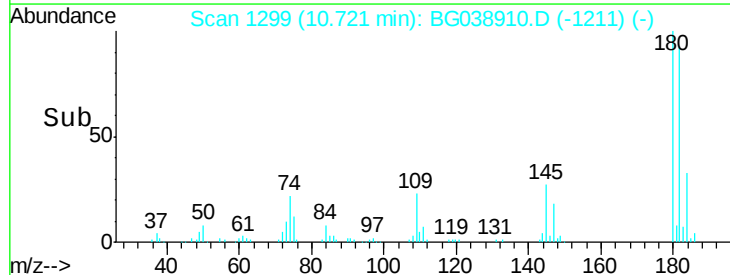
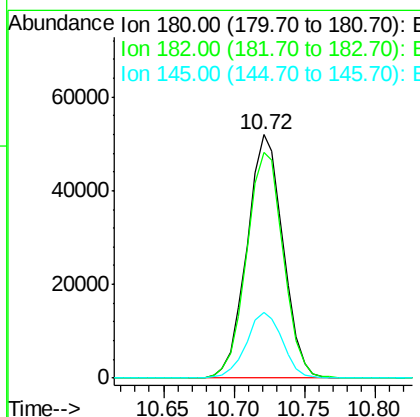
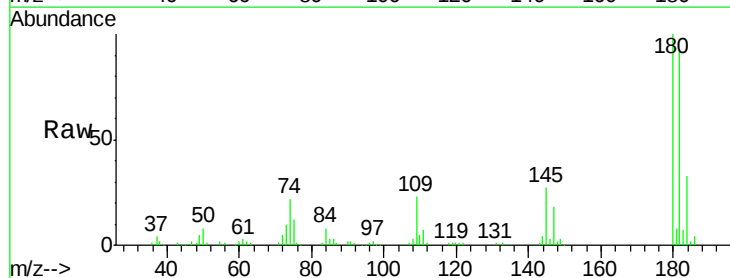
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 93765
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.9 82.9
 98 30.9 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.098 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:180 Resp: 93077
 Ion Ratio Lower Upper
 180 100
 182 92.5 77.4 116.0
 145 27.2 24.1 36.1

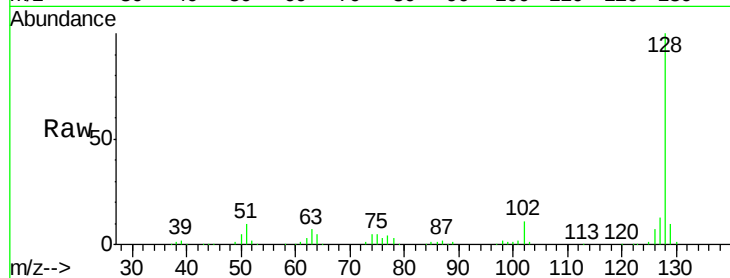




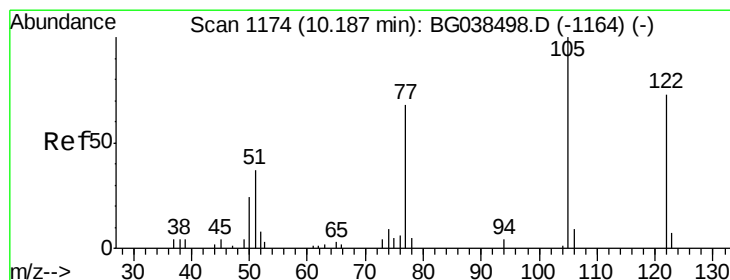
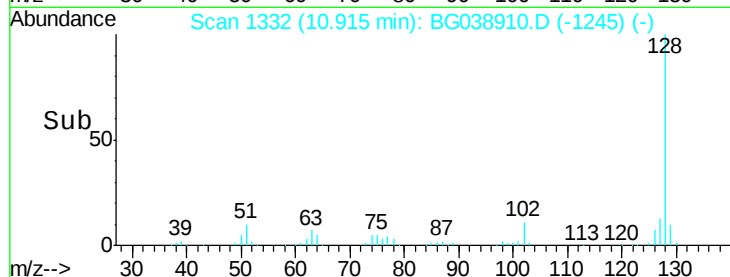
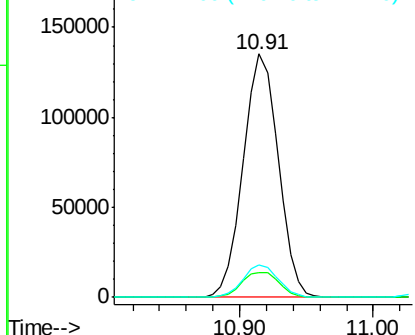
#31
Naphthalene
Concen: 47.218 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 246001
Ion Ratio Lower Upper
128 100
129 10.4 9.5 14.3
127 13.4 10.9 16.3

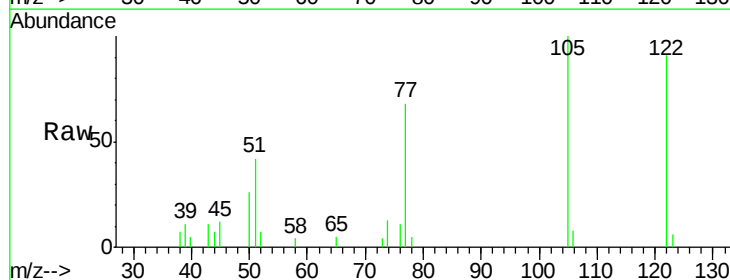


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

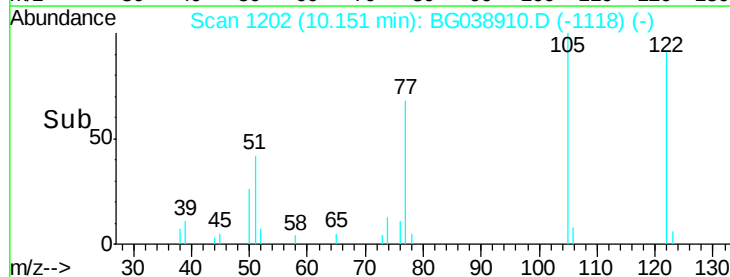
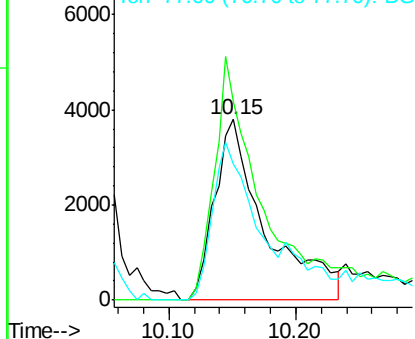


#32
Benzoic acid
Concen: 18.732 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion:122 Resp: 10604
Ion Ratio Lower Upper
122 100
105 110.4 116.7 156.7#
77 75.4 72.5 112.5



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

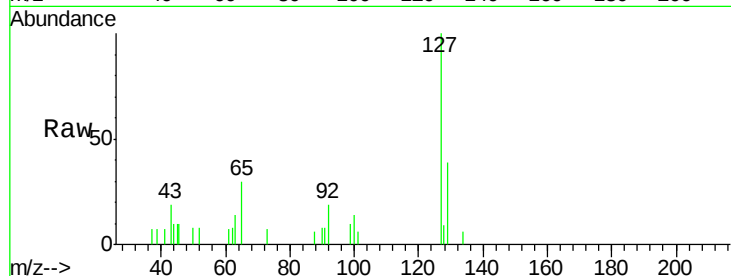




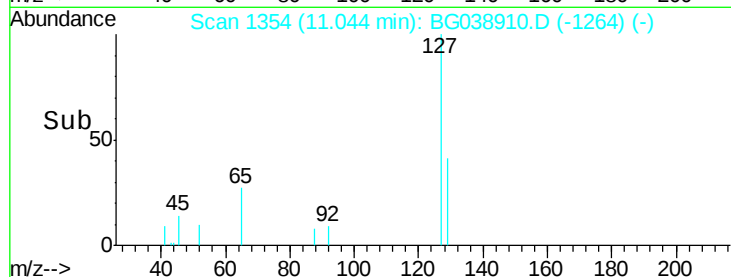
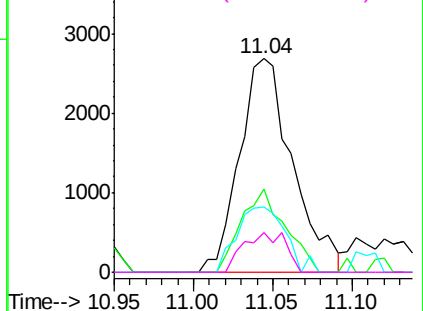
#33
4-Chloroaniline
Concen: 2.753 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	6228
Ion	Ratio	Lower Upper
127	100	
129	38.7	25.8 38.8
65	30.4	27.8 41.6
92	18.6	17.0 25.6

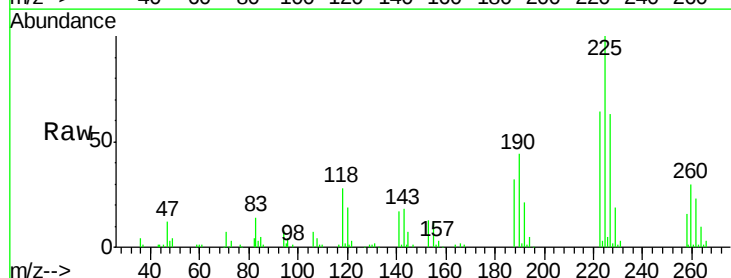


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

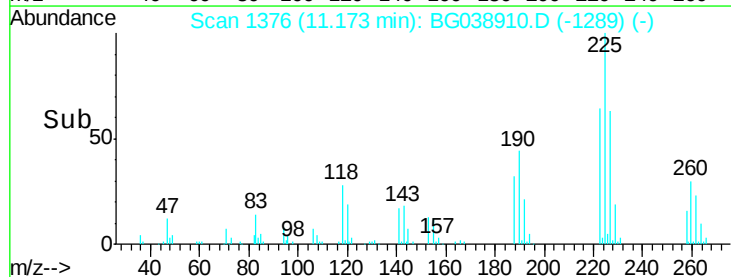
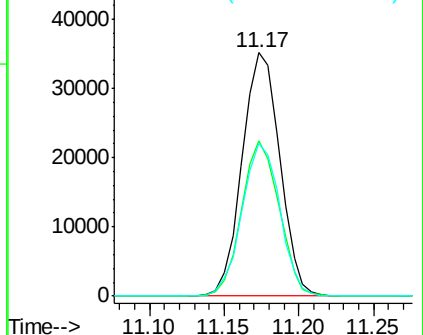


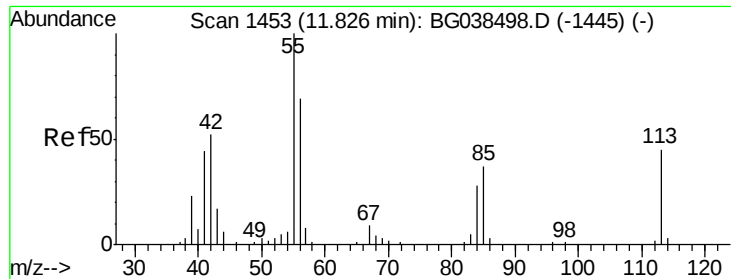
#34
Hexachlorobutadiene
Concen: 44.123 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion:225	Resp:	61620
Ion	Ratio	Lower Upper
225	100	
223	63.9	45.0 67.6
227	62.5	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

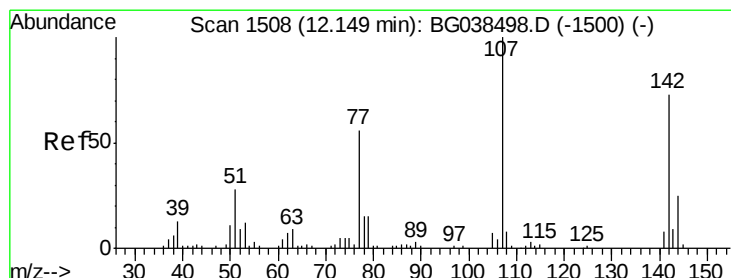
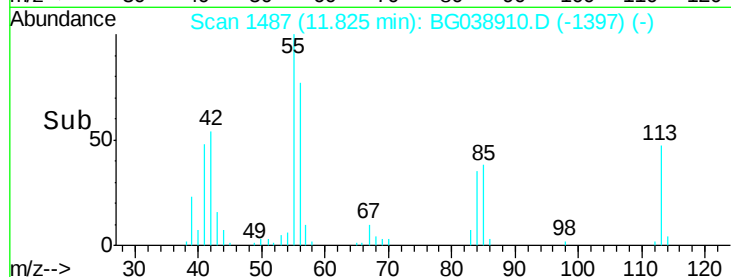
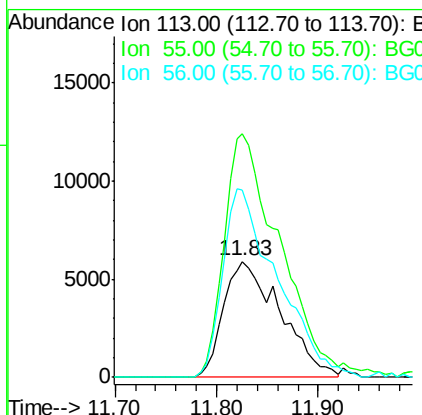
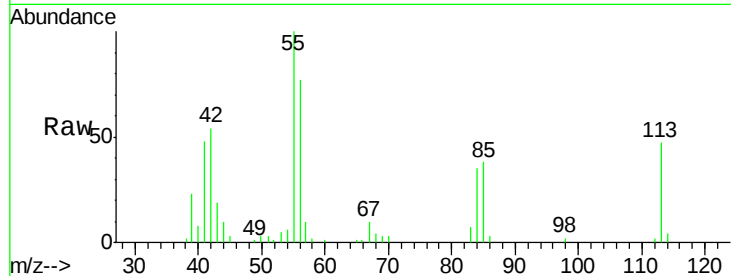




#35
 Caprolactam
 Concen: 32.535 ng
 RT: 11.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

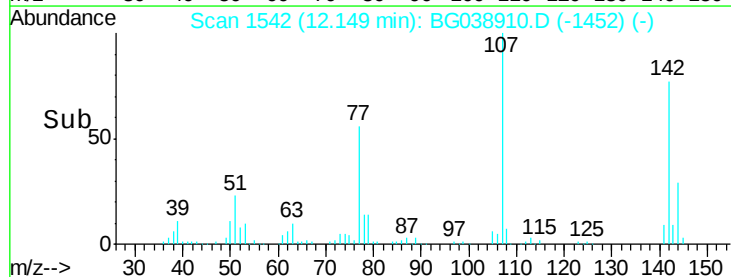
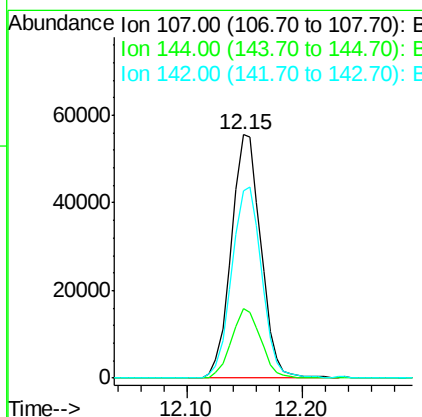
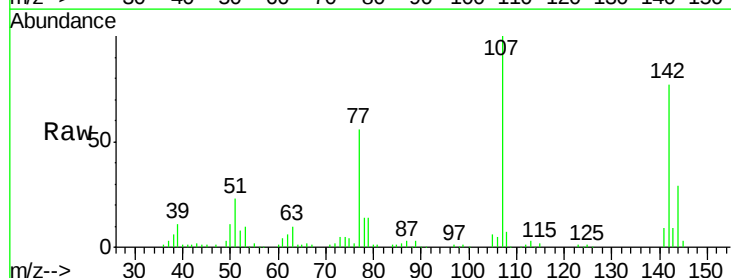
Instrument :
 BNA_G
 ClientSampleId :

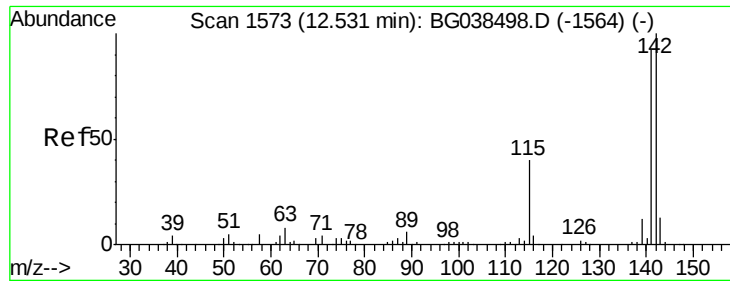
Tot Ion:113 Resp: 23006
 Ion Ratio Lower Upper
 113 100
 55 210.6 204.3 244.3
 56 162.6 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 50.674 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:107 Resp: 98807
 Ion Ratio Lower Upper
 107 100
 144 28.6 20.1 30.1
 142 77.1 58.7 88.1

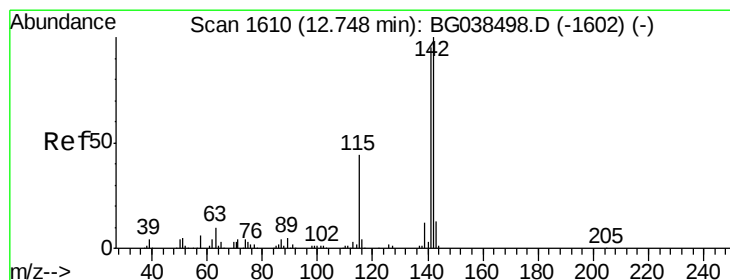
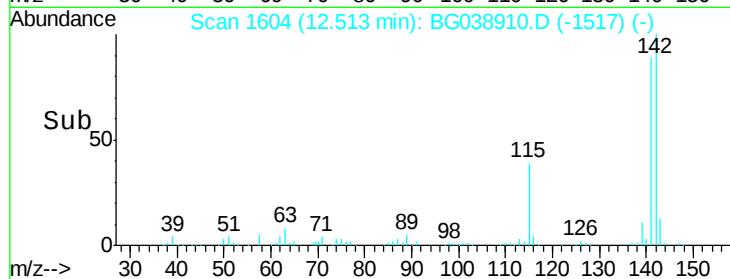
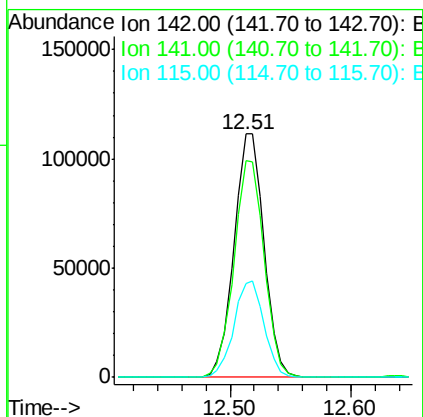
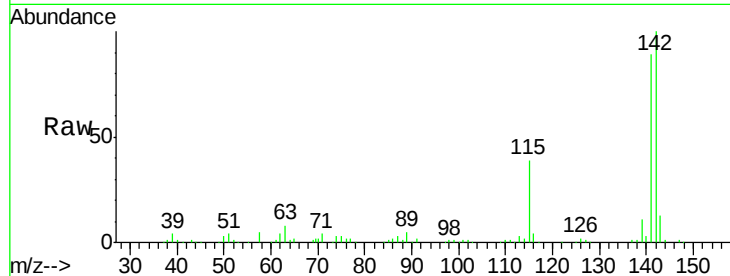




#37
 2-Methylnaphthalene
 Concen: 51.870 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

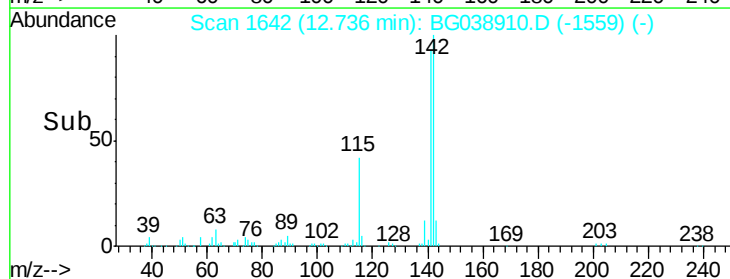
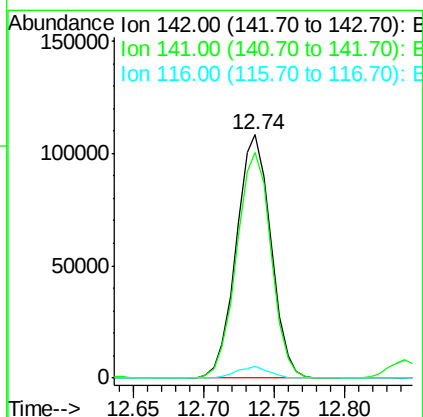
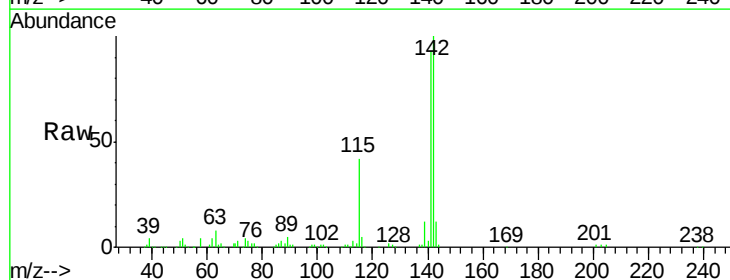
Instrument :
 BNA_G
 ClientSampled :

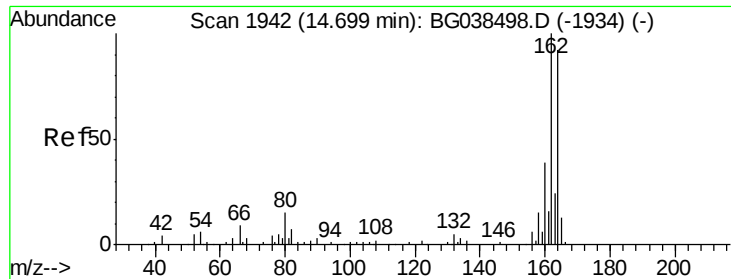
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.5	110.3
115	38.7	31.7	47.5



#38
 1-Methylnaphthalene
 Concen: 51.327 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.8
116	4.7	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

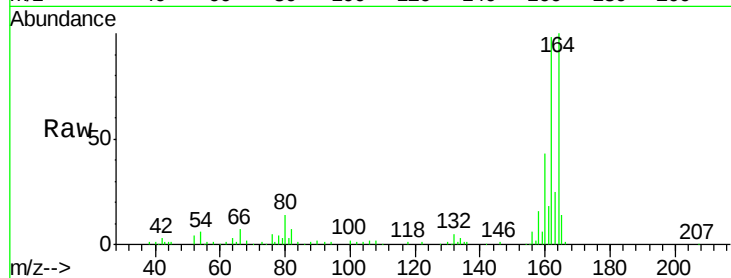
Tot Ion:164 Resp: 77618

Ion Ratio Lower Upper

164 100

162 98.5 86.6 130.0

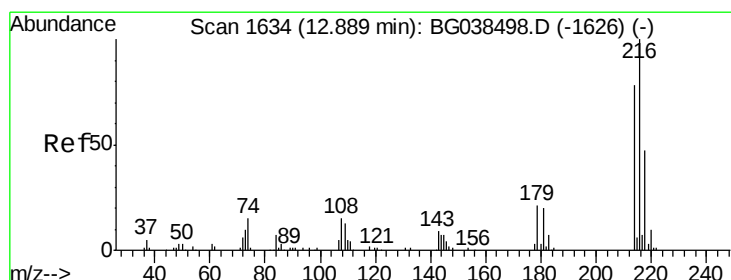
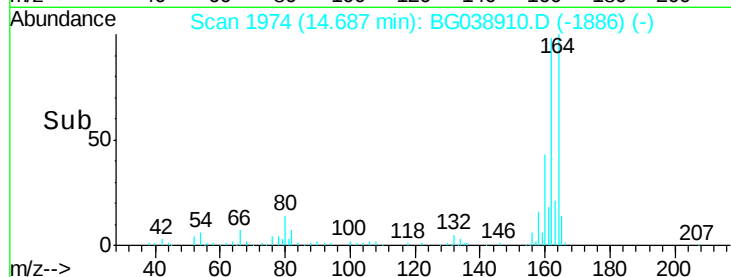
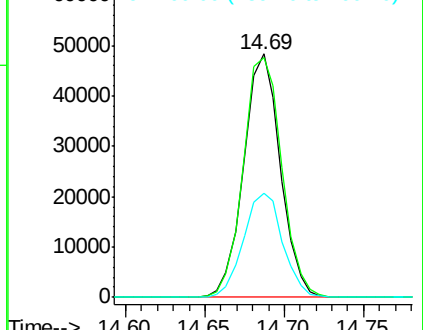
160 42.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.723 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Tgt Ion:216 Resp: 121051

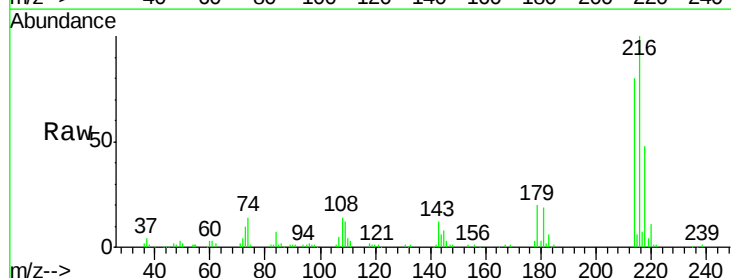
Ion Ratio Lower Upper

216 100

214 80.2 64.1 96.1

179 19.6 16.4 24.6

108 16.1 13.9 20.9

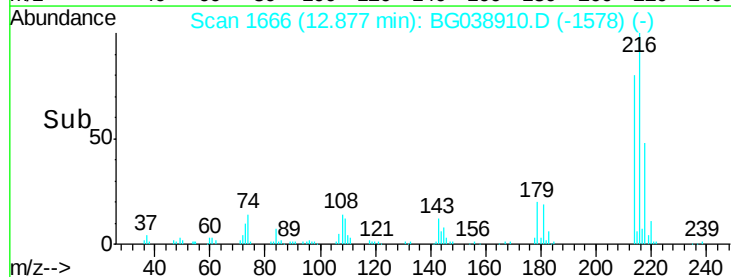
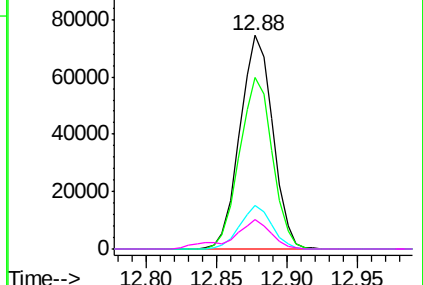


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.036 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

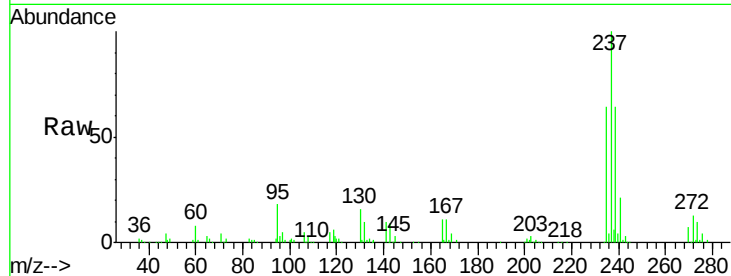
Tot Ion:237 Resp: 130763

Ion Ratio Lower Upper

237 100

235 64.1 38.8 78.8

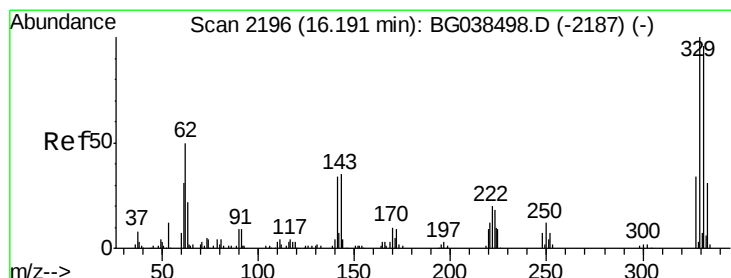
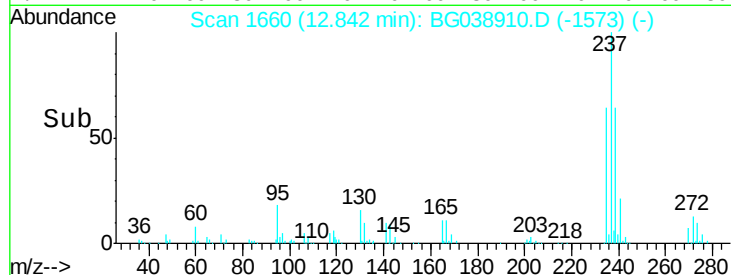
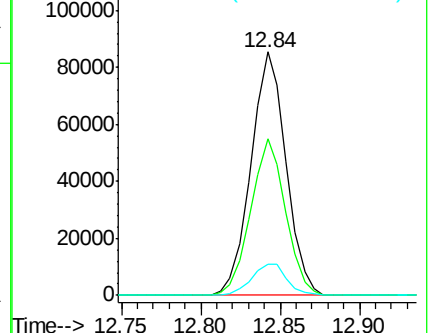
272 12.7 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 168.965 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

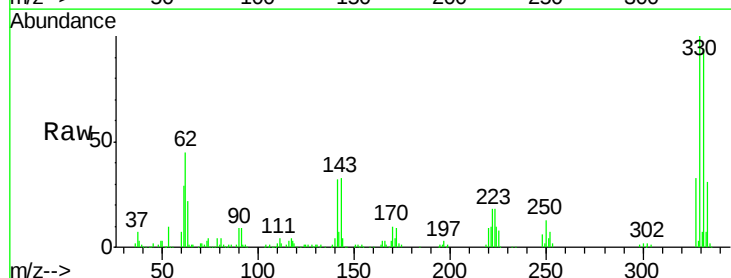
Tgt Ion:330 Resp: 180744

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

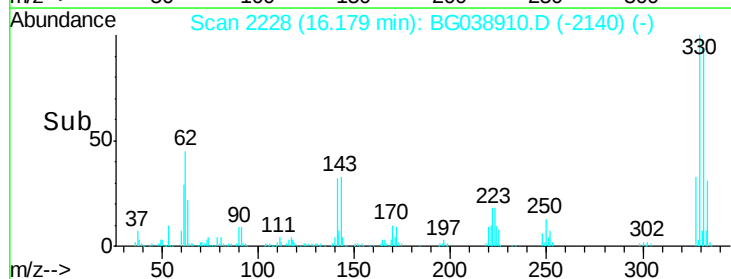
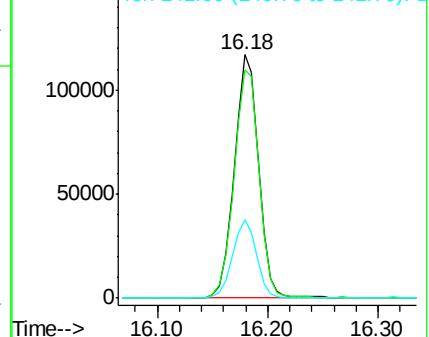
141 31.7 28.8 43.2

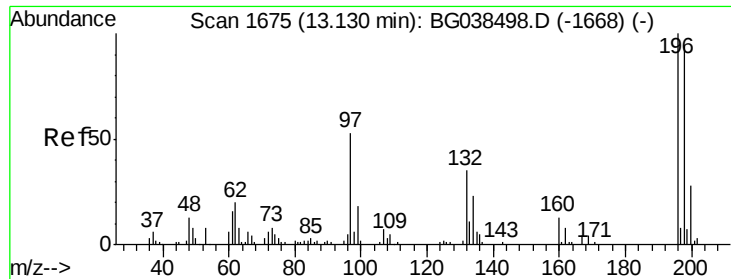


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

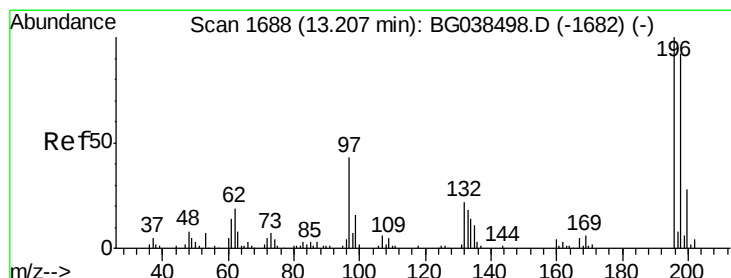
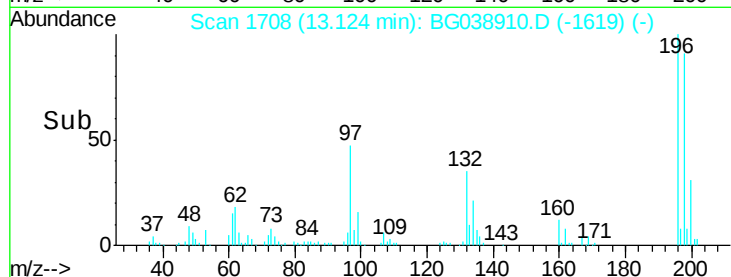
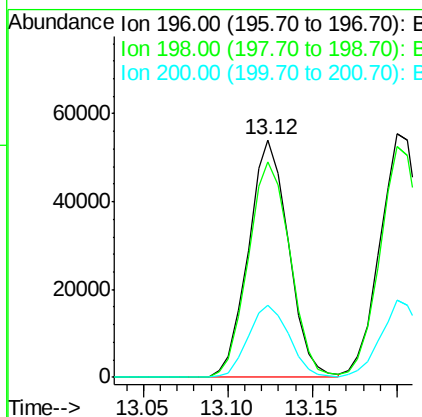
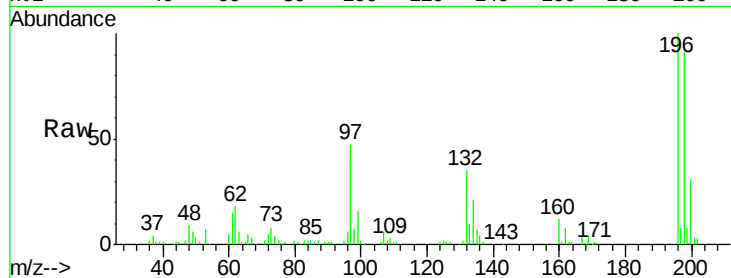




#43
 2,4,6-Trichlorophenol
 Concen: 50.134 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

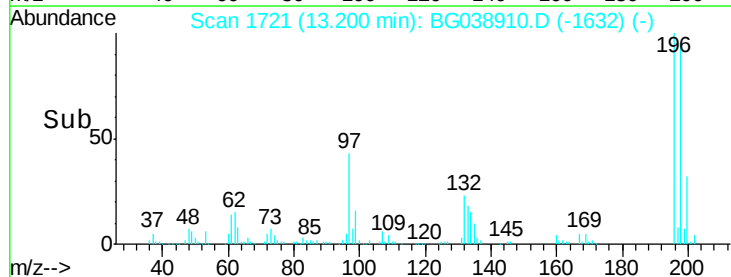
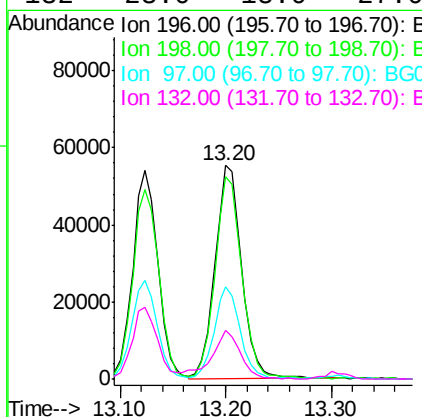
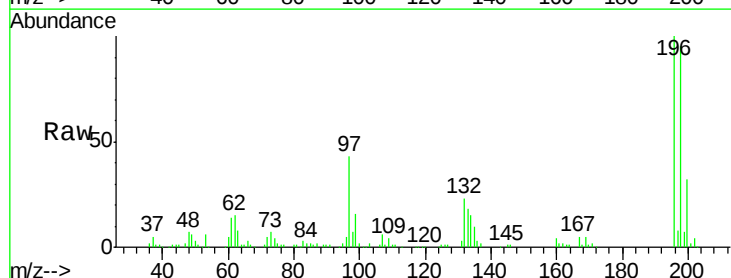
Instrument :
 BNA_G
 ClientSampleId :

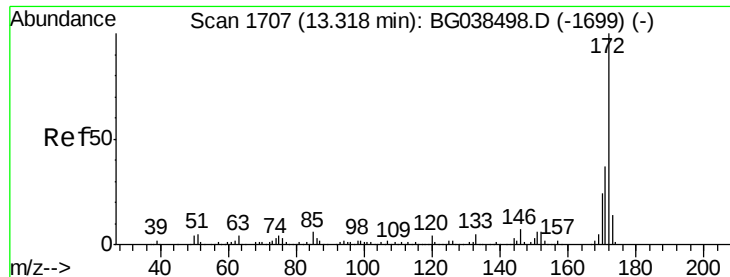
Tot Ion:196 Resp: 89435
 Ion Ratio Lower Upper
 196 100
 198 91.0 75.0 112.4
 200 30.5 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.480 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:196 Resp: 97234
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.0 111.0
 97 43.0 35.1 52.7
 132 23.0 18.0 27.0

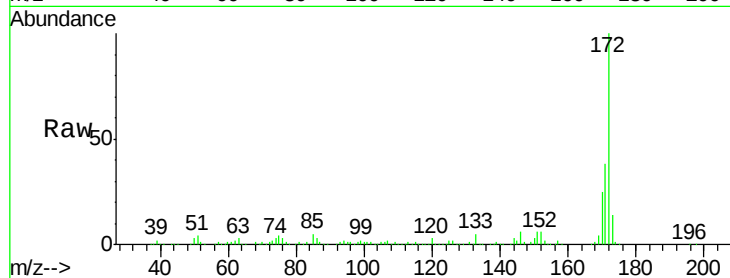




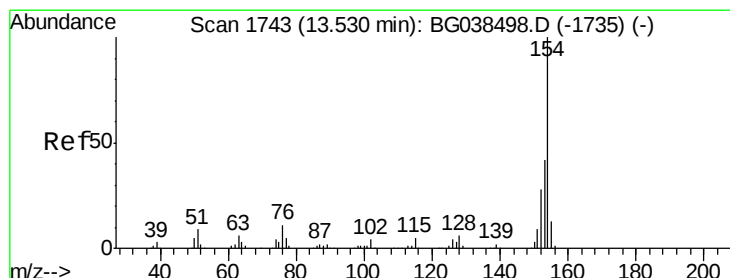
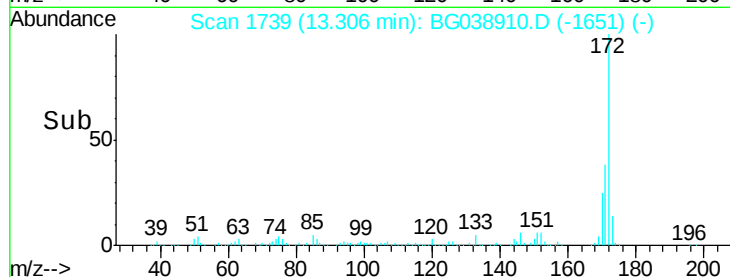
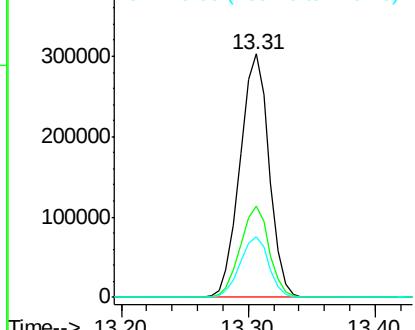
#45
2-Fluorobiphenyl
Concen: 84.859 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	24.8	19.5	29.3

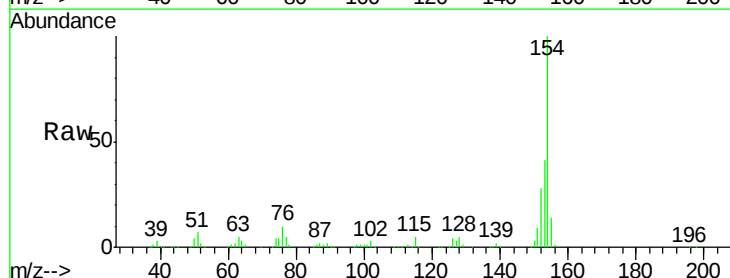


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

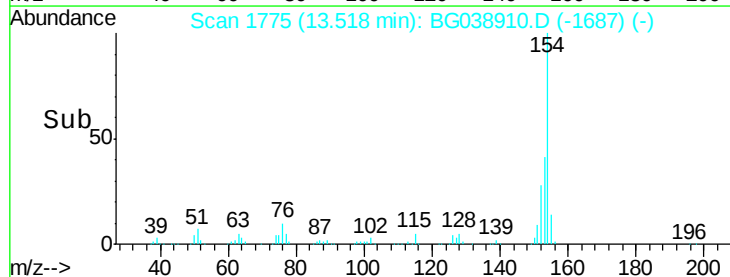
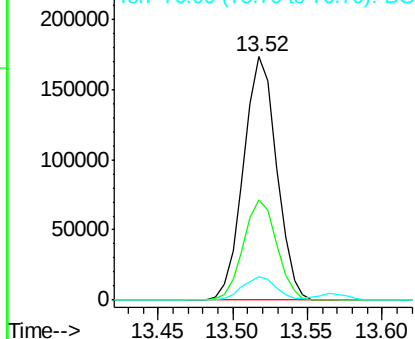


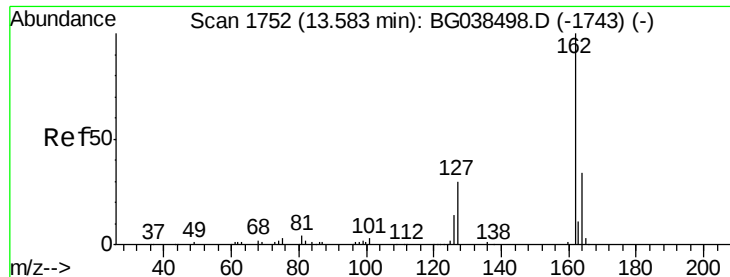
#46
1,1'-Biphenyl
Concen: 40.897 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	9.8	0.0	31.2



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

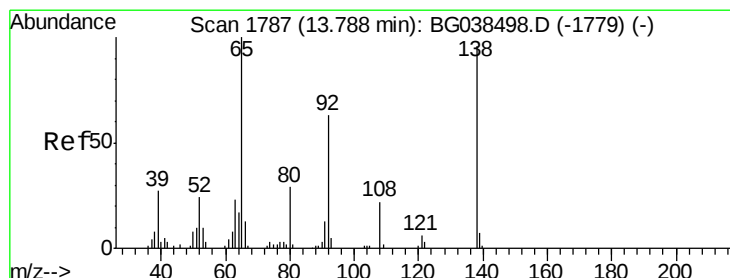
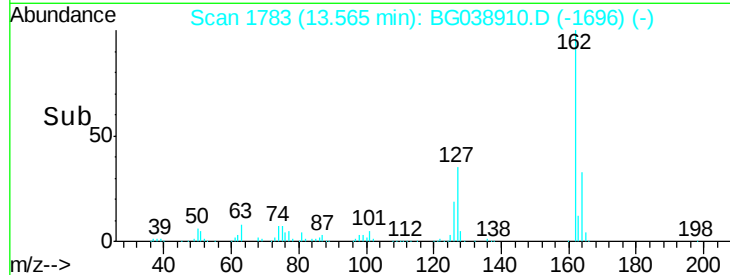
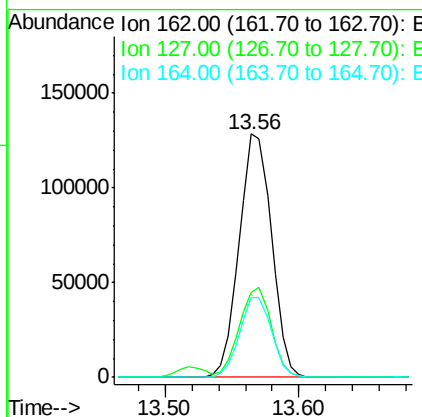
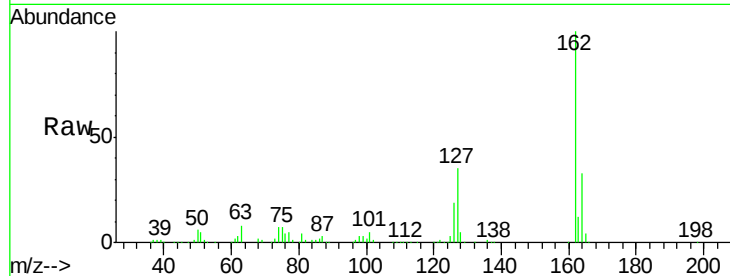




#47
 2-Chloronaphthalene
 Concen: 42.979 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

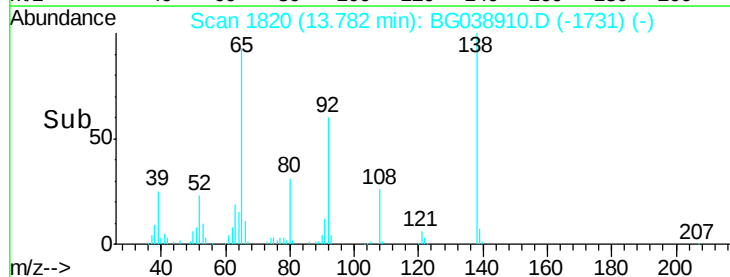
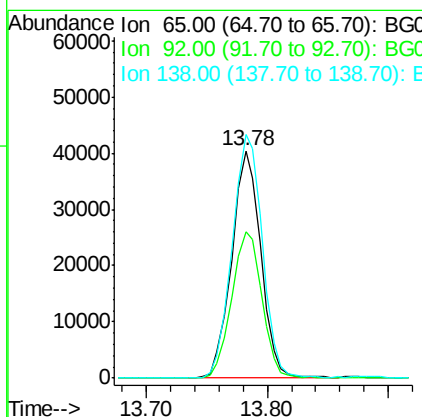
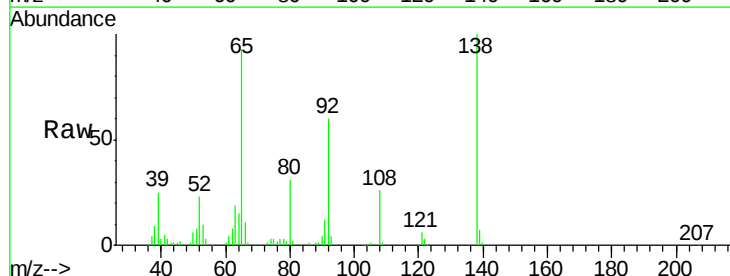
Instrument :
 BNA_G
 ClientSampleId :

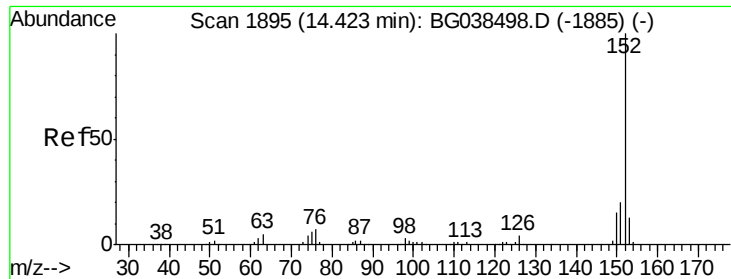
Tot Ion:	162	Resp:	216023
Ion	Ratio	Lower	Upper
162	100		
127	34.9	27.8	41.8
164	32.5	26.9	40.3



#48
 2-Nitroaniline
 Concen: 42.458 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:	65	Resp:	67974
Ion	Ratio	Lower	Upper
65	100		
92	64.6	50.0	75.0
138	107.3	76.9	115.3





#49

Acenaphthylene

Concen: 47.306 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampled :

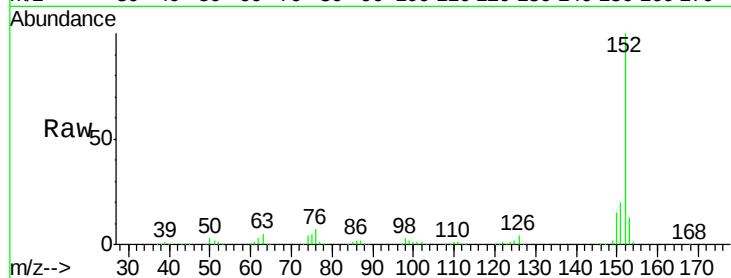
Tot Ion:152 Resp: 355454

Ion Ratio Lower Upper

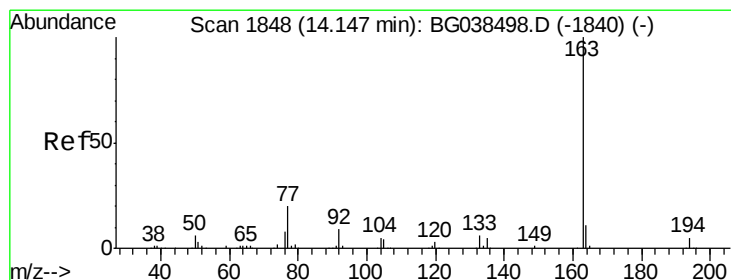
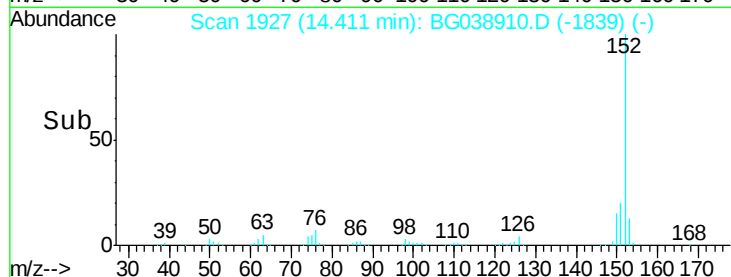
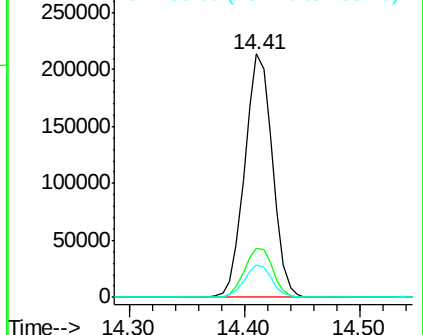
152 100

151 20.2 16.4 24.6

153 13.2 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: 46.824 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

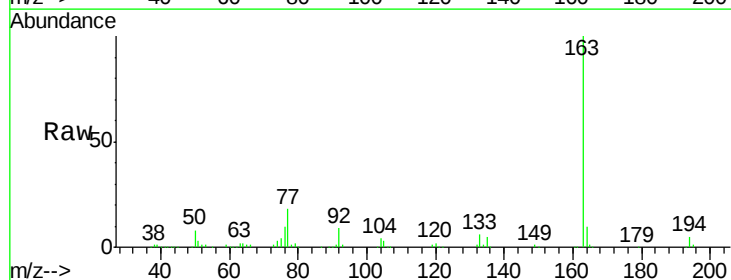
Tgt Ion:163 Resp: 296794

Ion Ratio Lower Upper

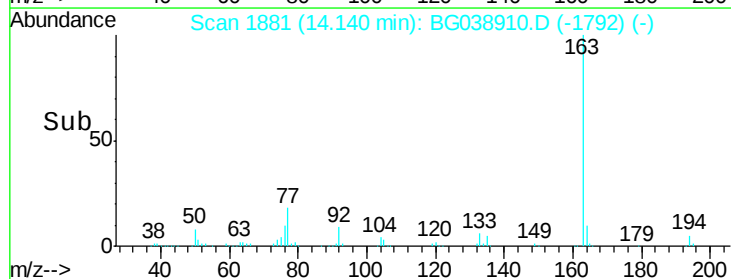
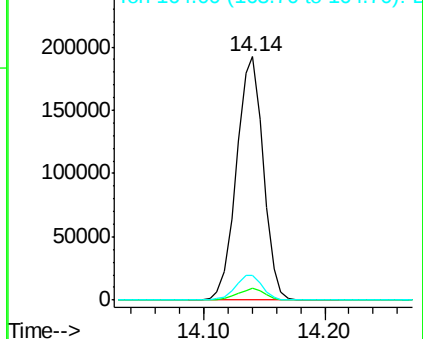
163 100

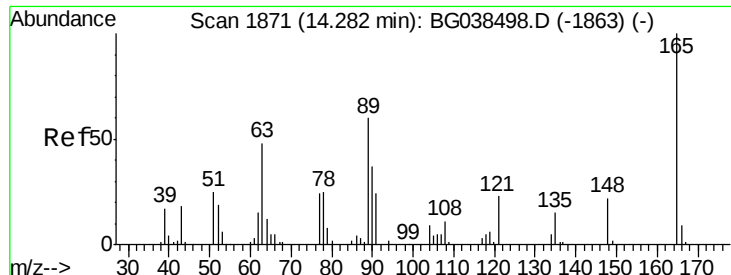
194 5.0 3.7 5.5

164 9.9 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

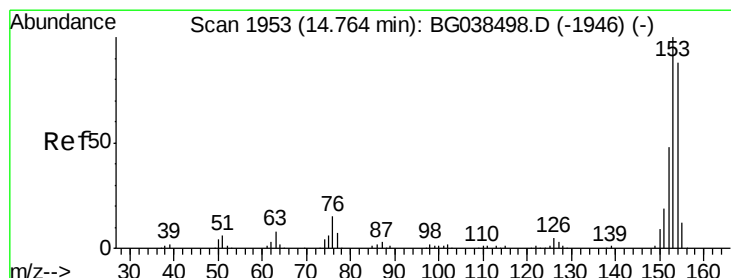
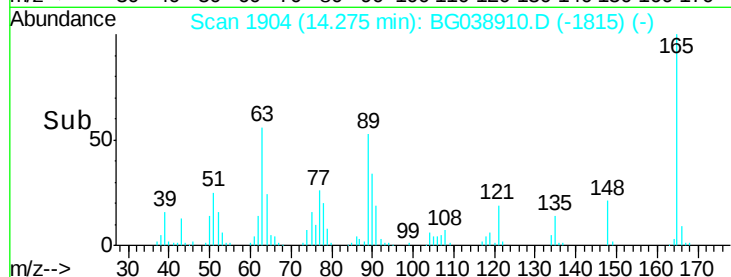
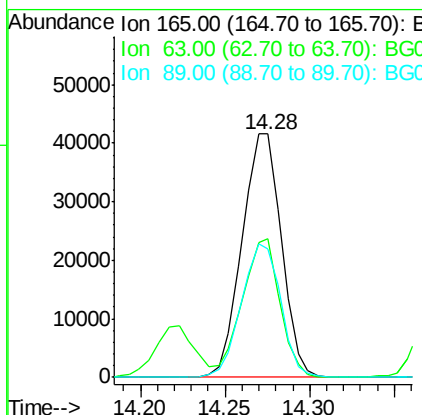
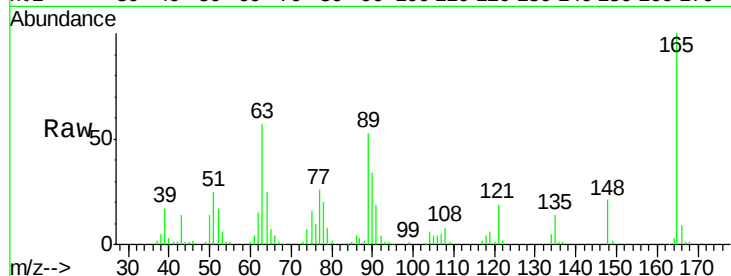




#51
 2,6-Dinitrotoluene
 Concen: 47.001 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

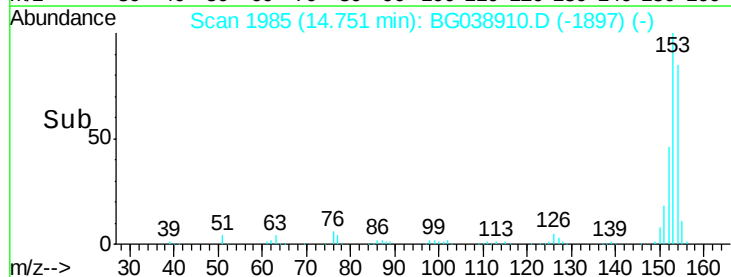
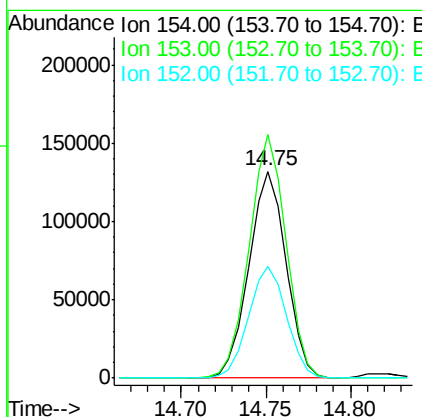
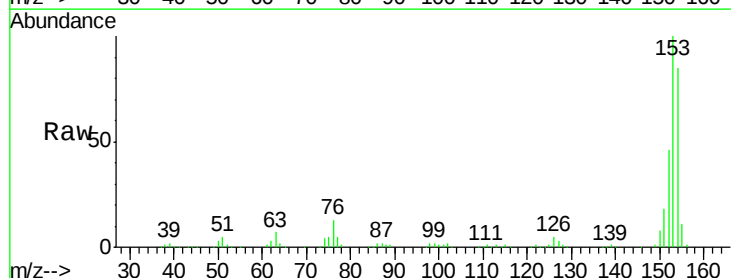
Instrument :
 BNA_G
 ClientSampled :

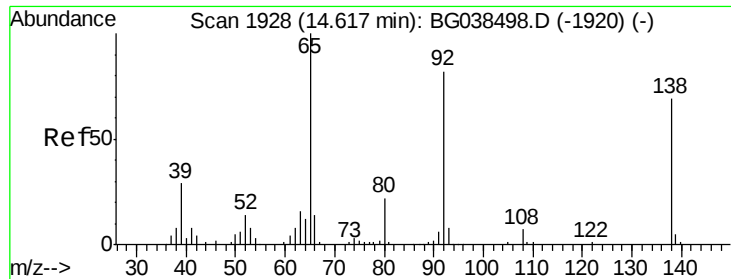
Tot Ion:165 Resp: 67513
 Ion Ratio Lower Upper
 165 100
 63 56.8 51.8 77.6
 89 52.9 47.9 71.9



#52
 Acenaphthene
 Concen: 45.110 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:154 Resp: 202683
 Ion Ratio Lower Upper
 154 100
 153 117.6 90.6 136.0
 152 54.2 43.5 65.3

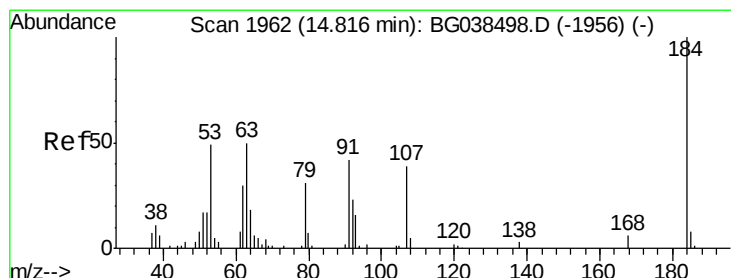
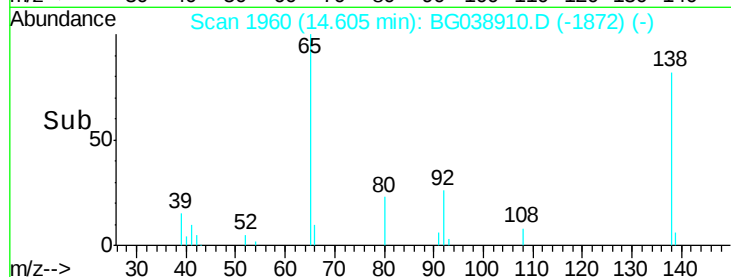
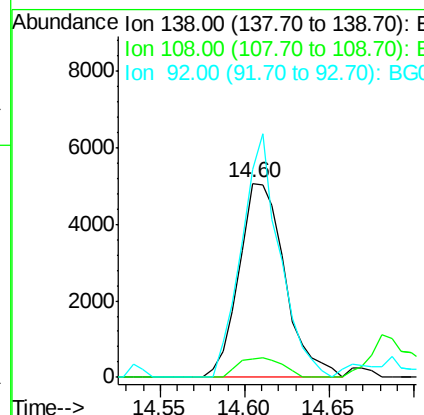
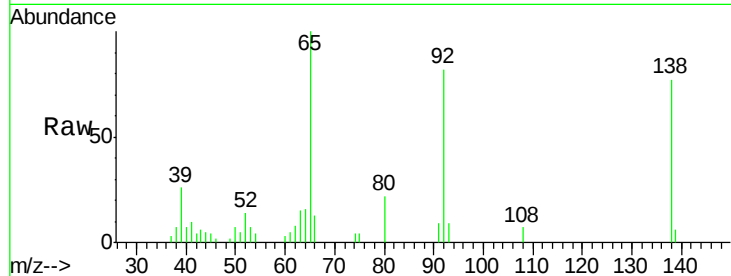




#53
 3-Nitroaniline
 Concen: 6.540 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

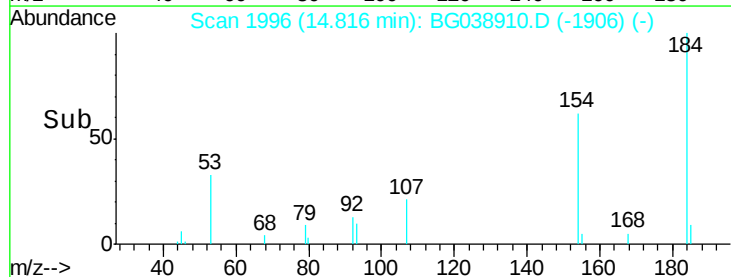
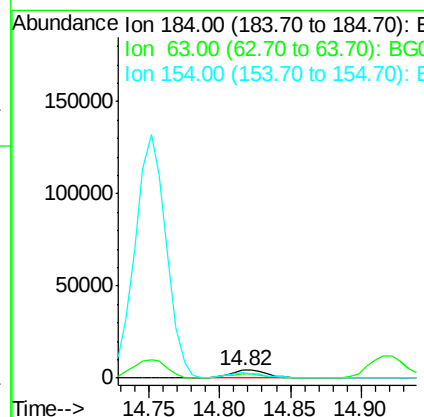
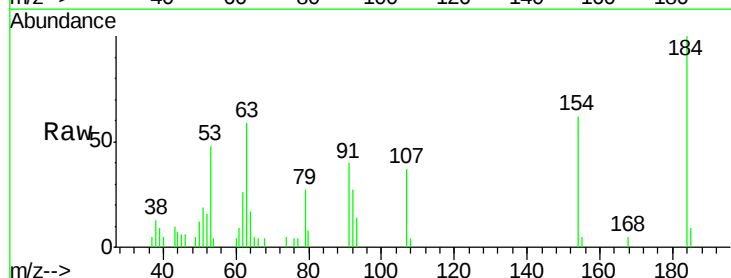
Instrument :
 BNA_G
 ClientSampleId :

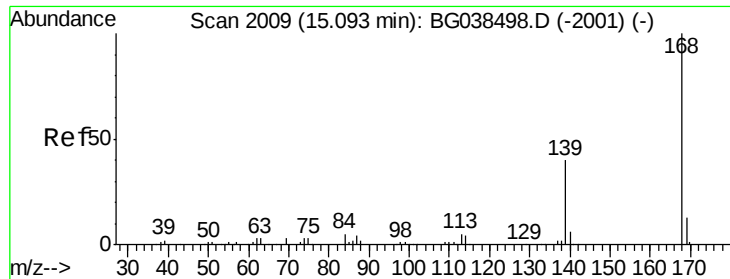
Tot Ion:138 Resp: 9576
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.9 11.9
 92 107.1 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 14.647 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:184 Resp: 8650
 Ion Ratio Lower Upper
 184 100
 63 58.6 47.0 70.6
 154 61.5 50.3 75.5



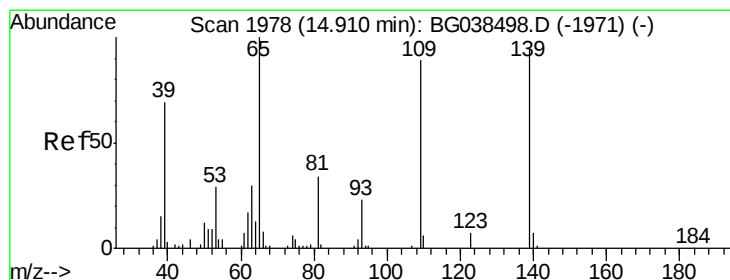
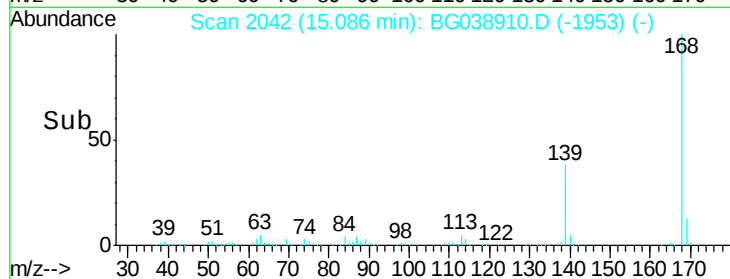
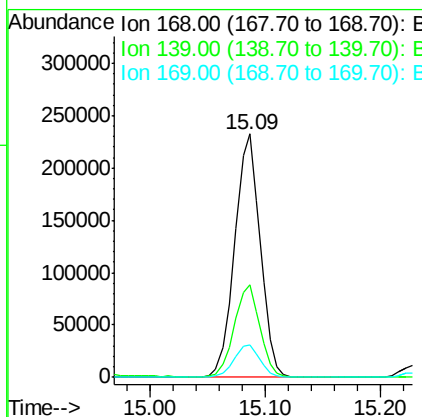
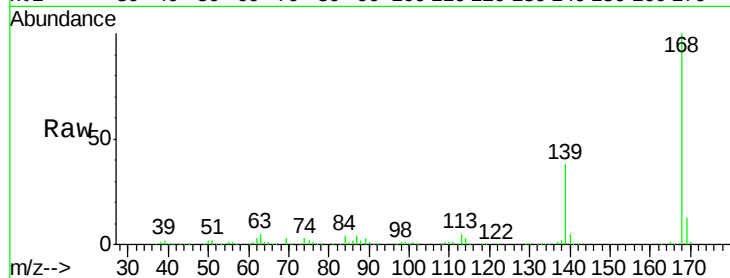


#55
Dibenzenofuran
Concen: 45.994 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 354242

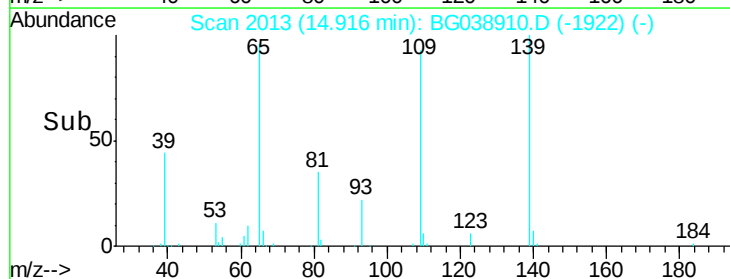
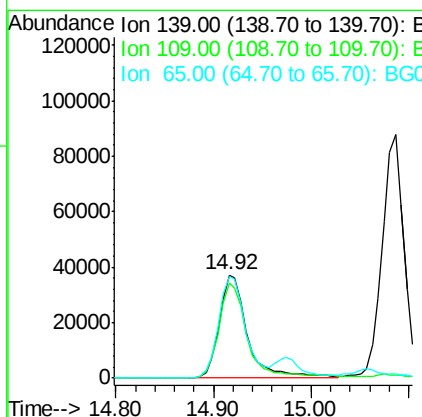
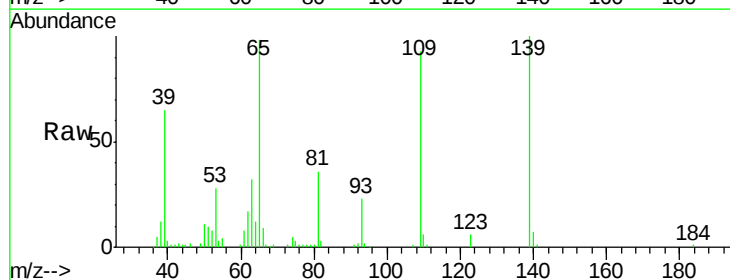
Ion	Ratio	Lower	Upper
168	100		
139	37.8	32.2	48.2
169	13.5	10.6	16.0

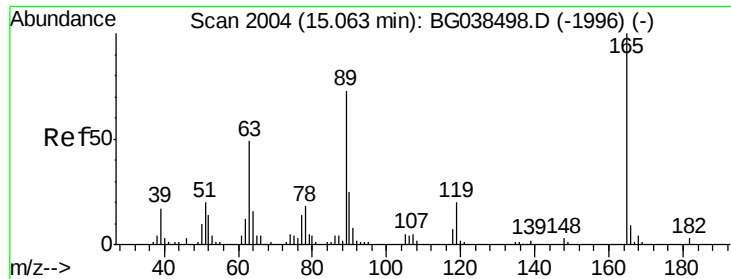


#56
4-Nitrophenol
Concen: 67.134 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion:139 Resp: 74574

Ion	Ratio	Lower	Upper
139	100		
109	92.6	73.6	113.6
65	98.5	84.8	124.8

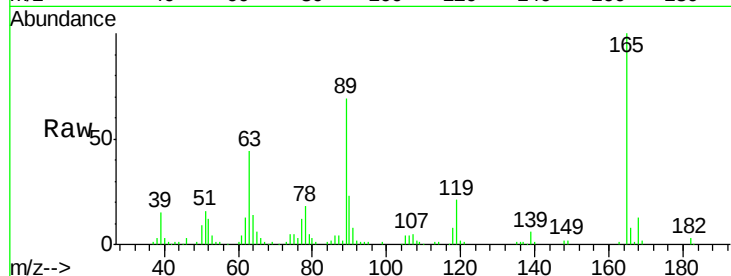




#57
2,4-Dinitrotoluene
Concen: 47.688 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	39.0	58.4
89	68.7	58.0	87.0
182	2.7	2.3	3.5

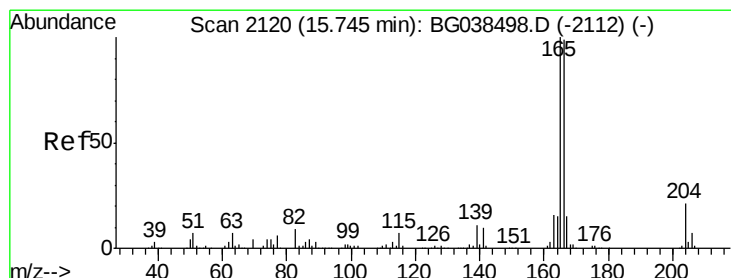
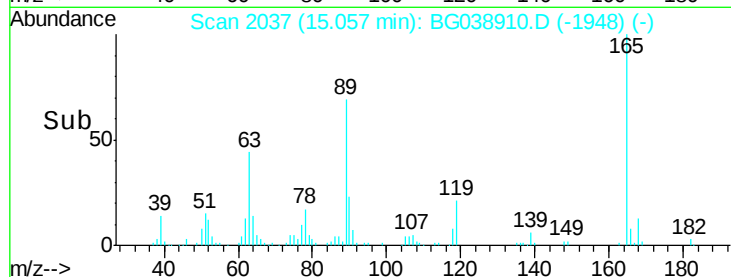
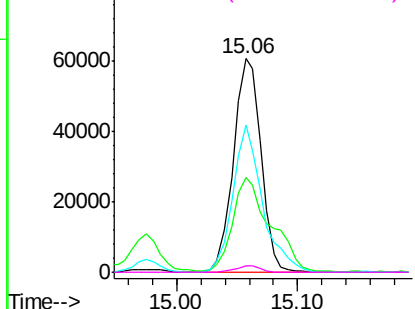


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

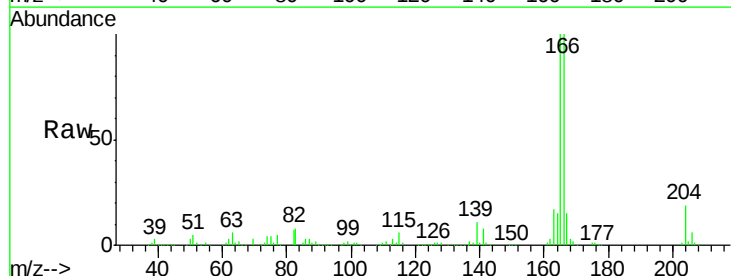
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 50.318 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

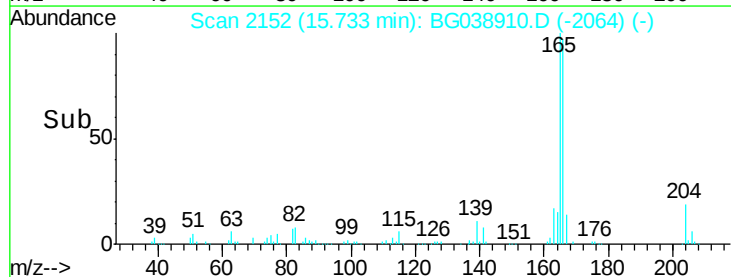
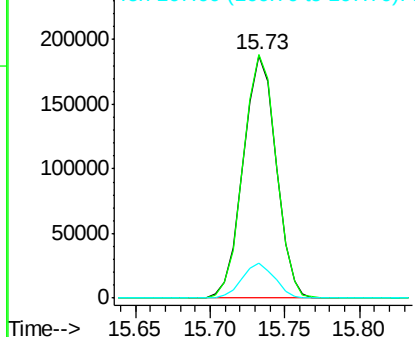
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.6	120.8
167	14.6	12.0	18.0

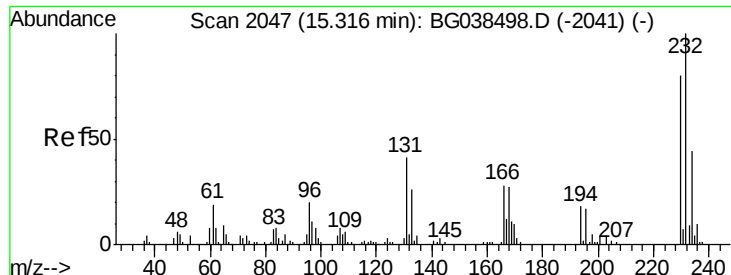


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

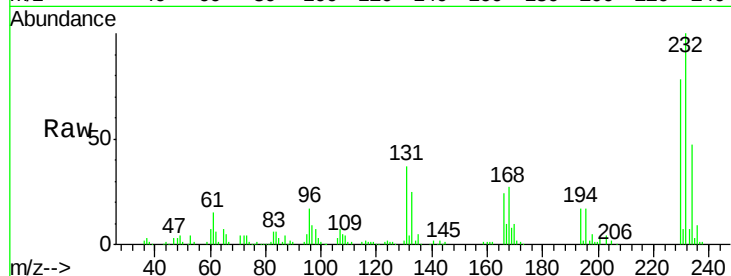




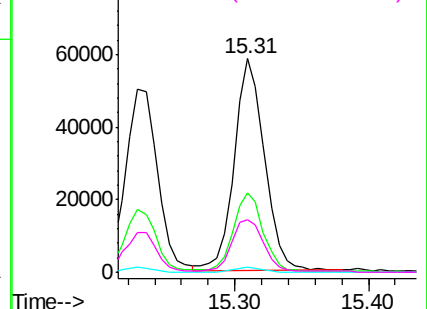
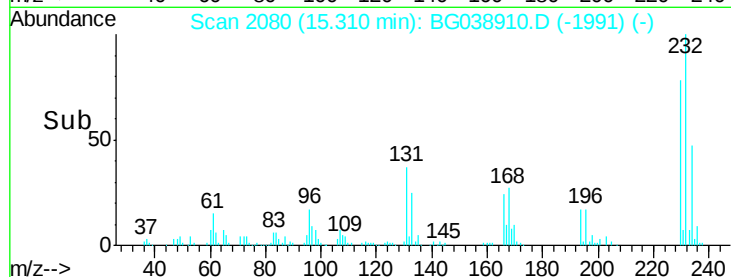
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.757 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	93048
Ion	Ratio	Lower	Upper
232	100		
131	36.6	33.0	49.4
130	2.1	2.0	3.0
166	27.1	23.1	34.7

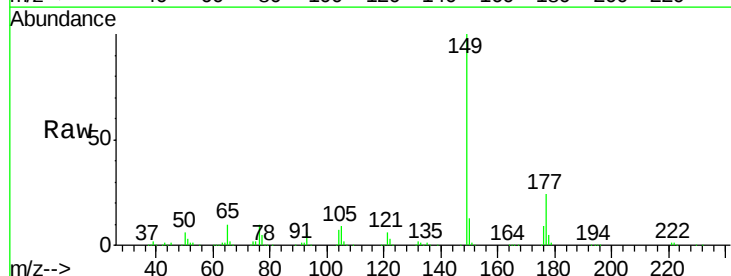


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

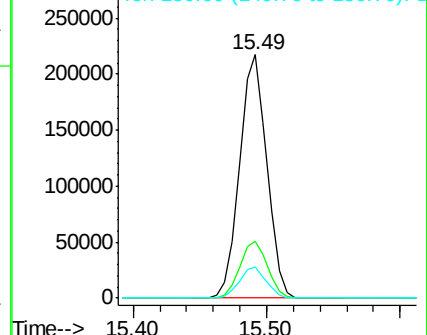
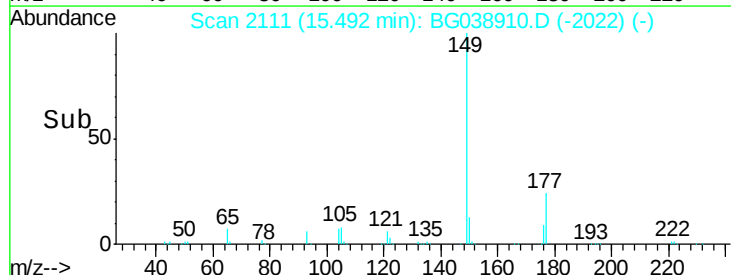


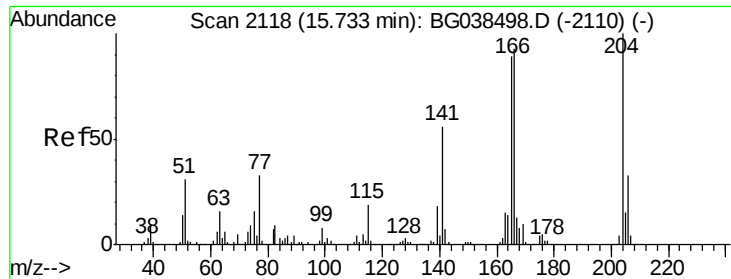
#60
 Diethylphthalate
 Concen: 44.055 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:	149	Resp:	306551
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

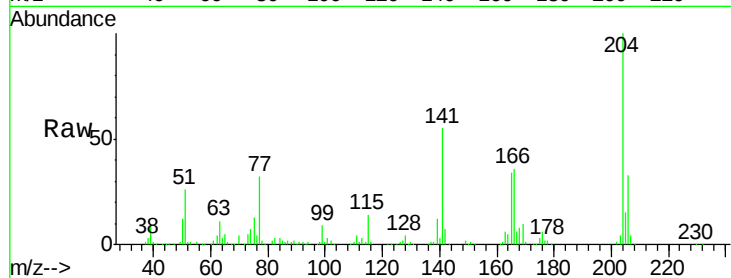




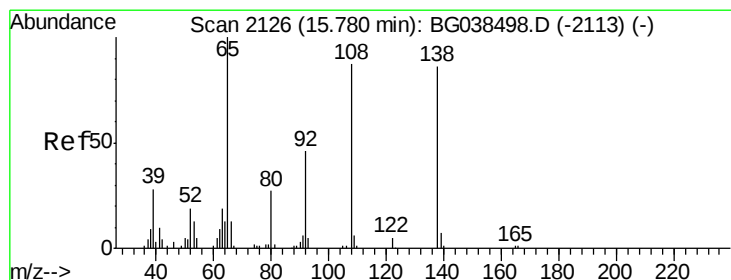
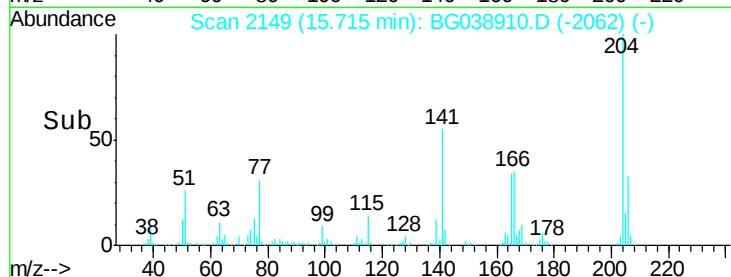
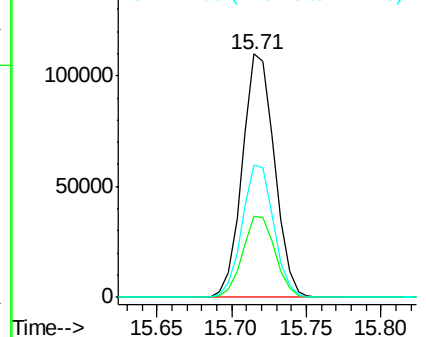
#61
 4-Chlorophenyl-phenylether
 Concen: 45.967 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	54.5	44.4	66.6

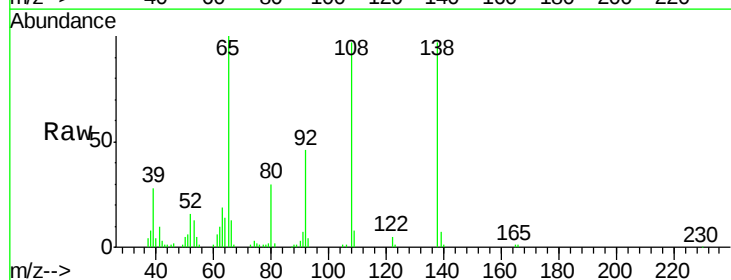


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

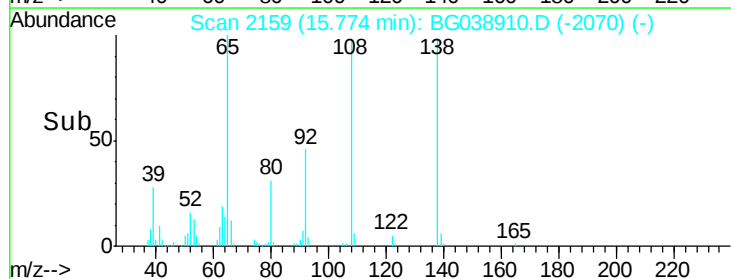
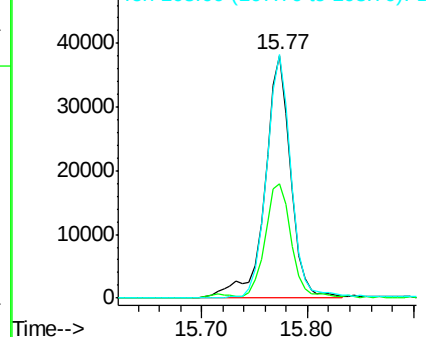


#62
 4-Nitroaniline
 Concen: 42.888 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	33.3	73.3
108	100.3	81.4	121.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.633 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 242010

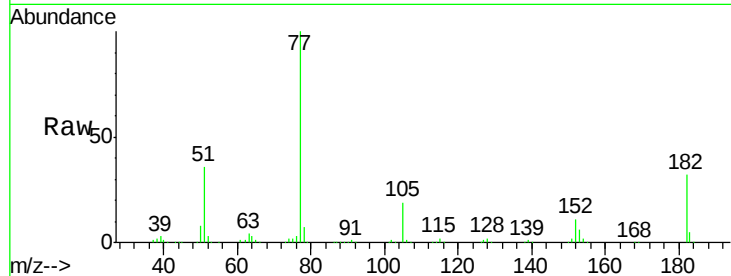
Ion Ratio Lower Upper

77 100

182 32.0 8.7 48.7

105 19.3 0.0 38.7

51 36.1 16.6 56.6

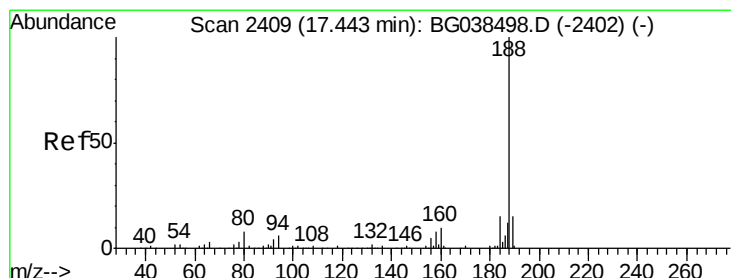
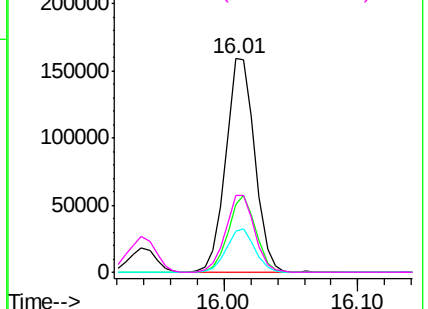
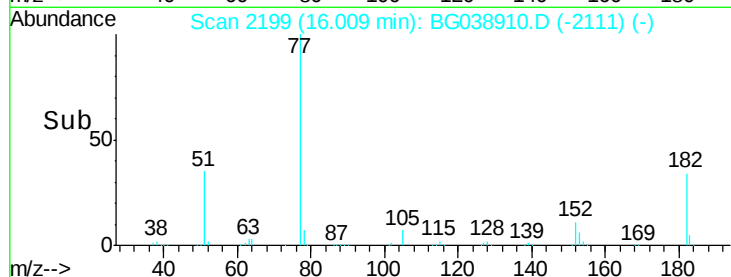


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

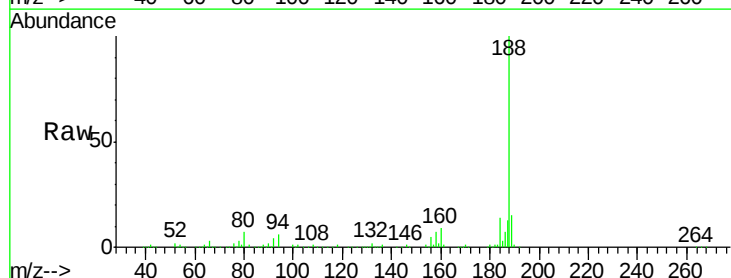
Tgt Ion: 188 Resp: 197634

Ion Ratio Lower Upper

188 100

94 5.6 5.1 7.7

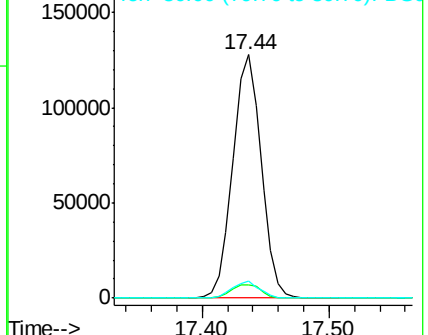
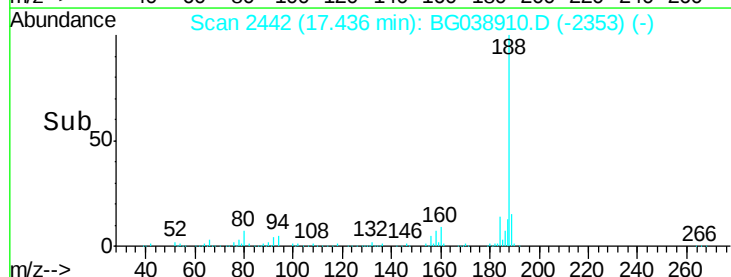
80 6.8 6.1 9.1

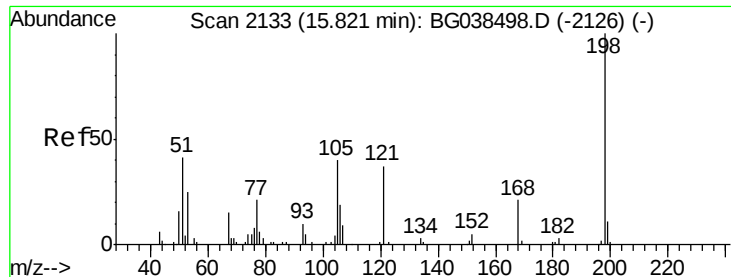


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 12.123 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

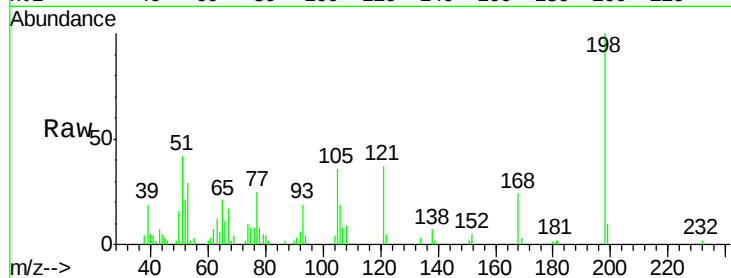
Tot Ion:198 Resp: 17091

Ion Ratio Lower Upper

198 100

51 42.2 28.6 68.6

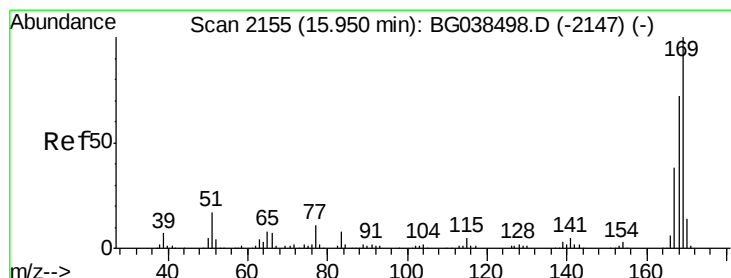
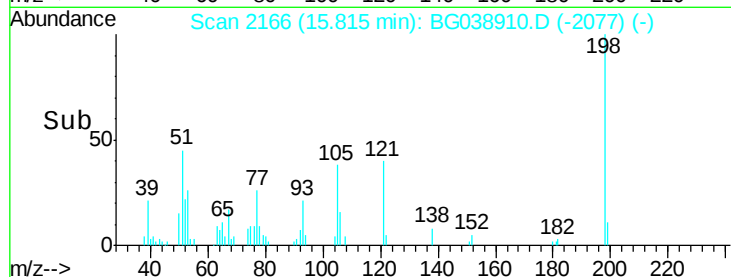
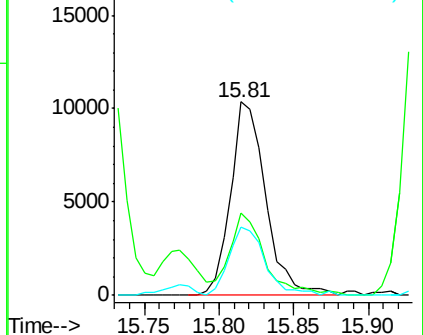
105 35.5 20.4 60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038910.D (-2099) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.432 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

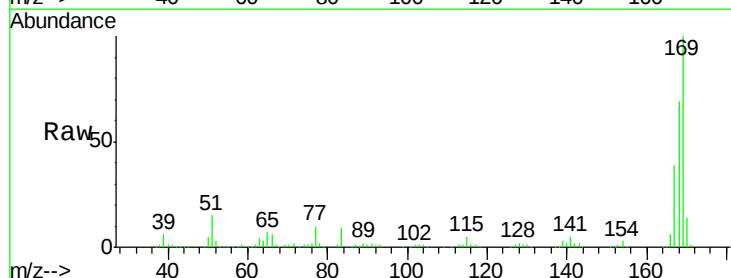
Tgt Ion:169 Resp: 263821

Ion Ratio Lower Upper

169 100

168 69.0 57.5 86.3

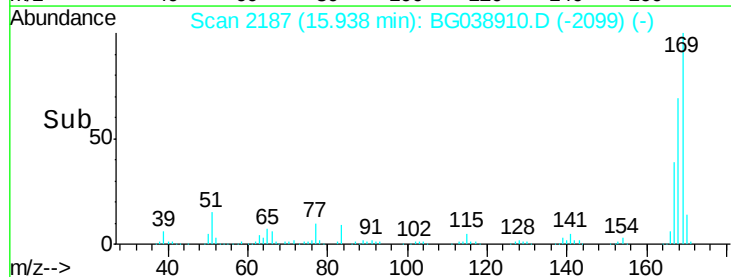
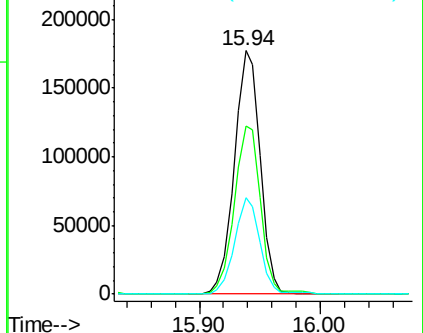
167 39.4 30.2 45.2



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

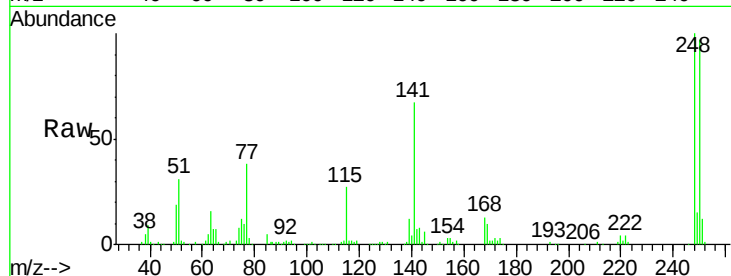




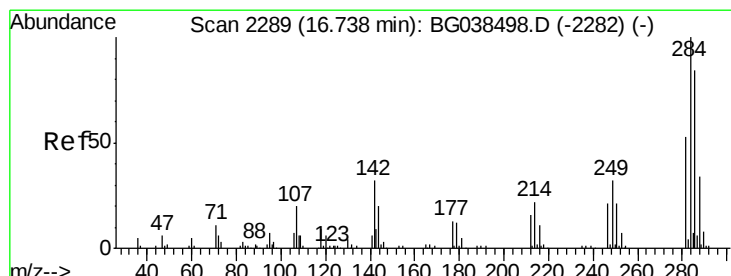
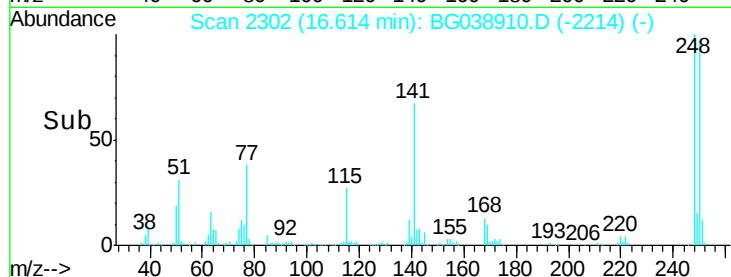
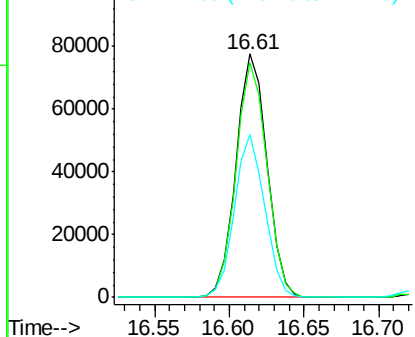
#67
 4-Bromophenyl-phenylether
 Concen: 46.420 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 112044
 Ion Ratio Lower Upper
 248 100
 250 96.5 73.4 110.2
 141 67.1 52.9 79.3

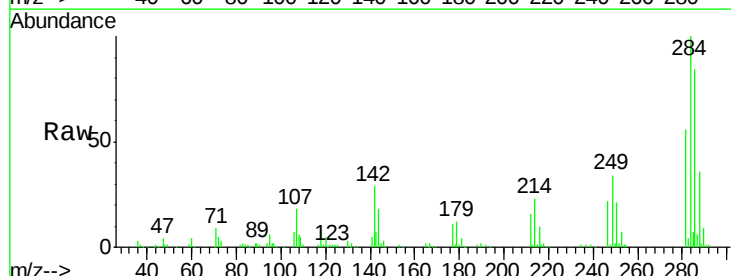


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

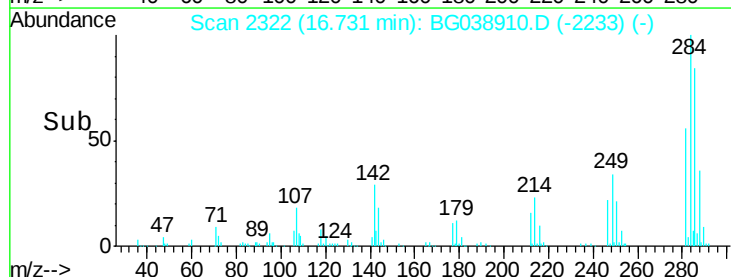
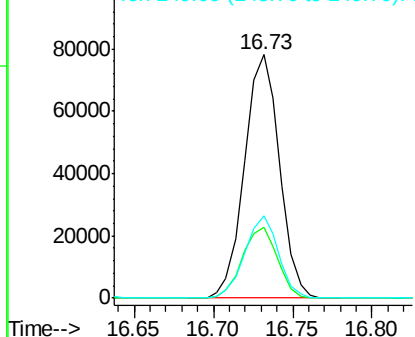


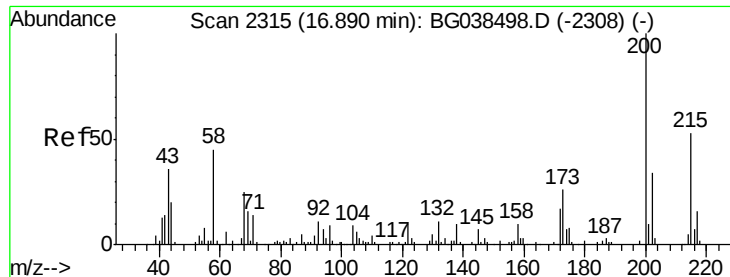
#68
 Hexachlorobenzene
 Concen: 47.799 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:284 Resp: 119595
 Ion Ratio Lower Upper
 284 100
 142 29.1 25.8 38.6
 249 36.2 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: 50.835 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampled :

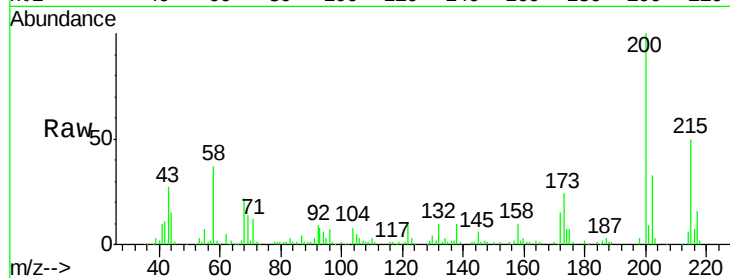
Tot Ion:200 Resp: 109551

Ion Ratio Lower Upper

200 100

173 23.8 5.9 45.9

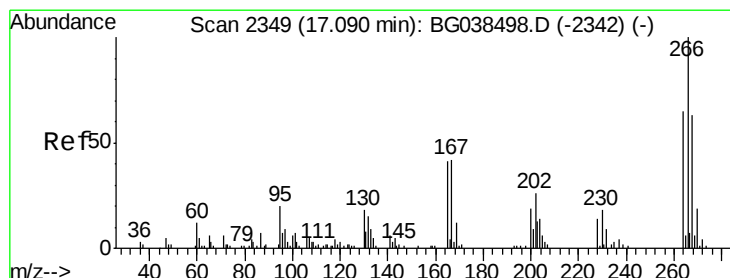
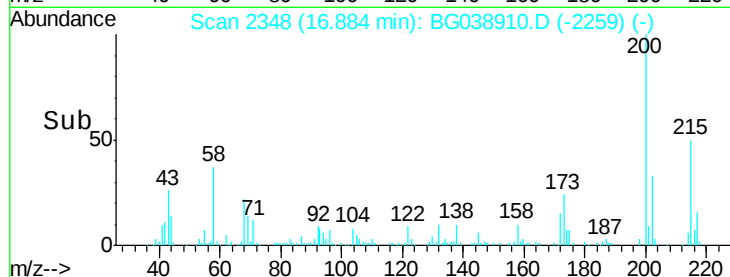
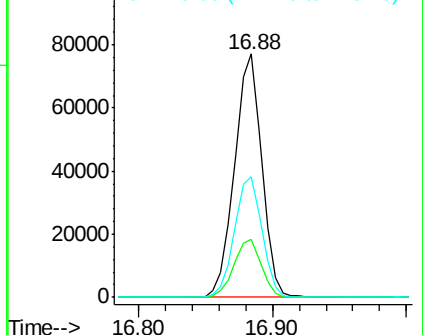
215 49.6 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.047 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

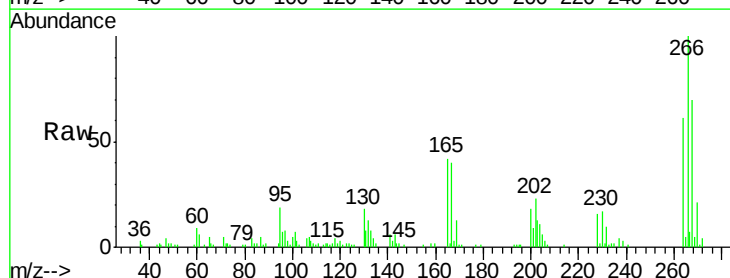
Tgt Ion:266 Resp: 59267

Ion Ratio Lower Upper

266 100

268 74.6 55.0 82.6

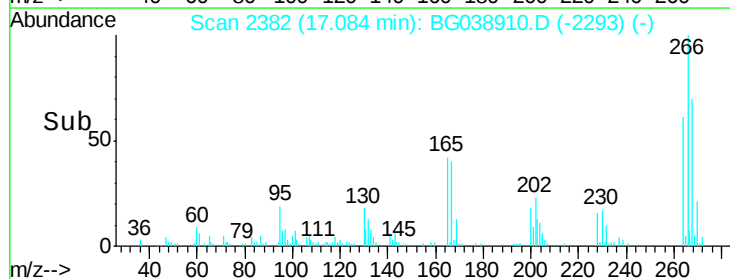
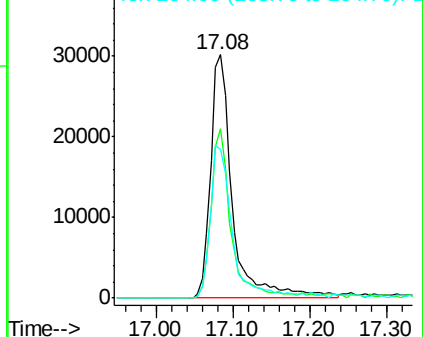
264 61.0 56.7 85.1

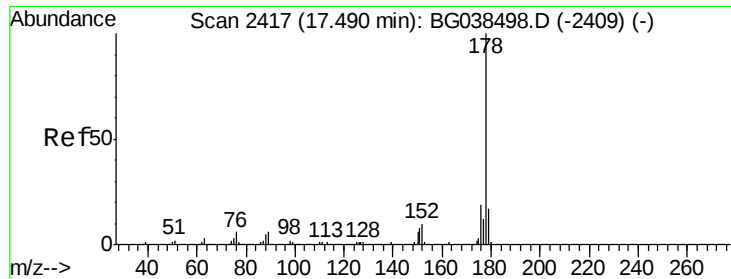


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

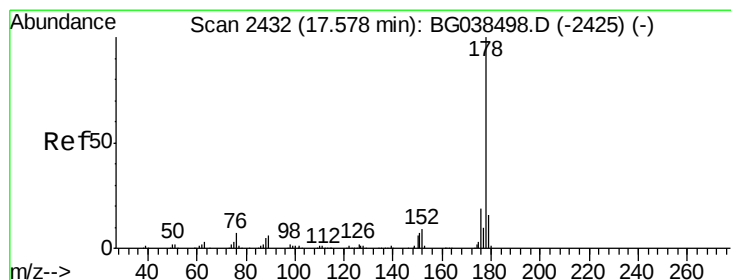
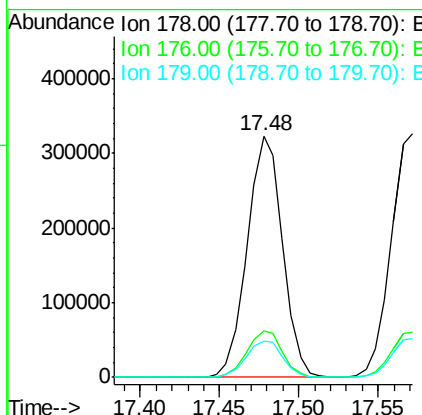
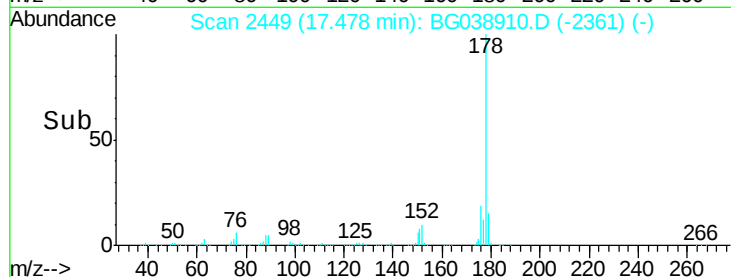
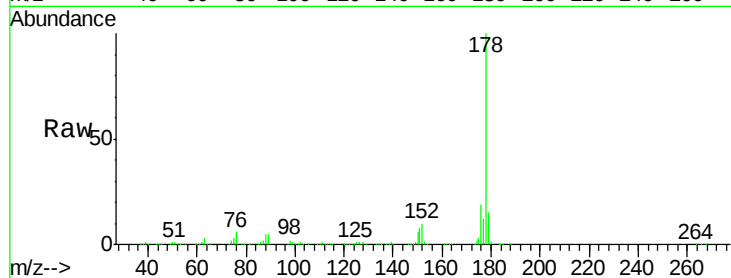




#71
Phenanthrene
Concen: 48.811 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

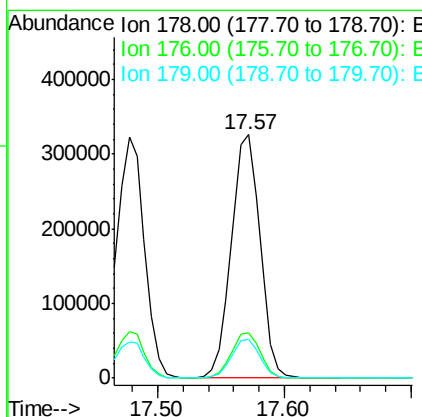
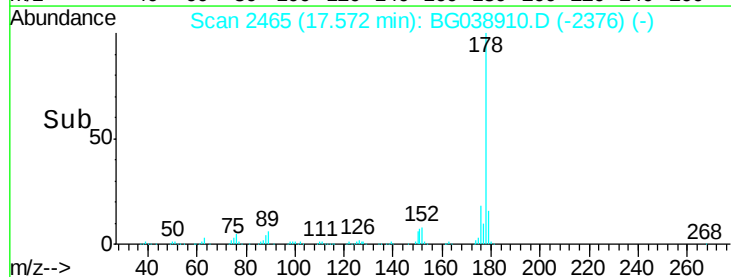
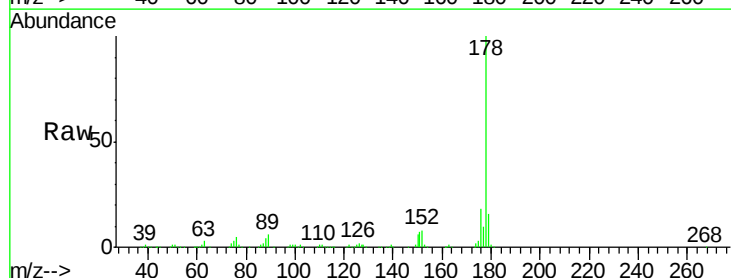
Instrument :
BNA_G
ClientSampleId :

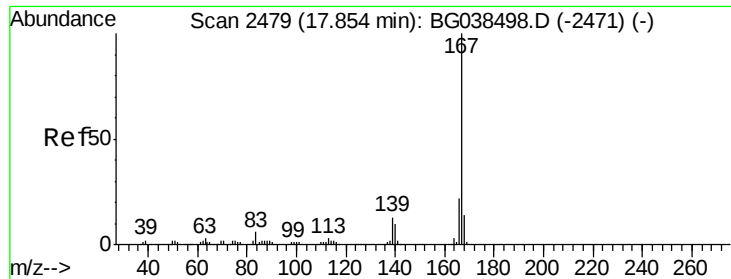
Tot Ion:178 Resp: 500245
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.2 13.2 19.8



#72
Anthracene
Concen: 50.199 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion:178 Resp: 507890
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.8 12.9 19.3

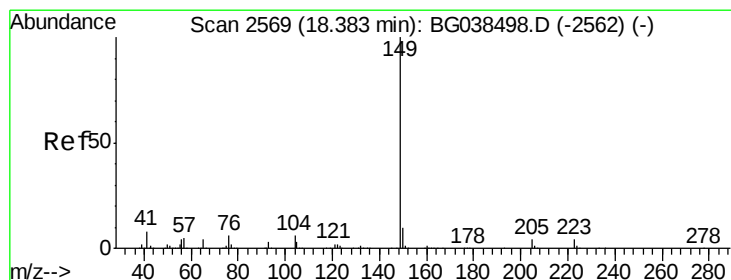
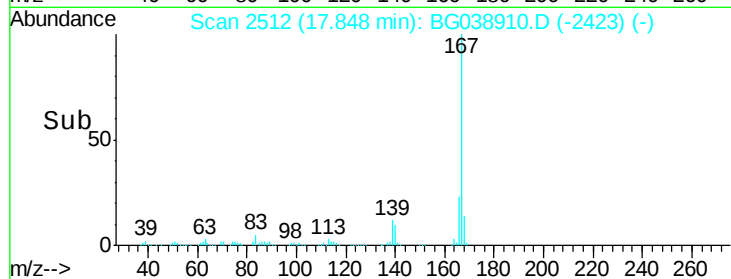
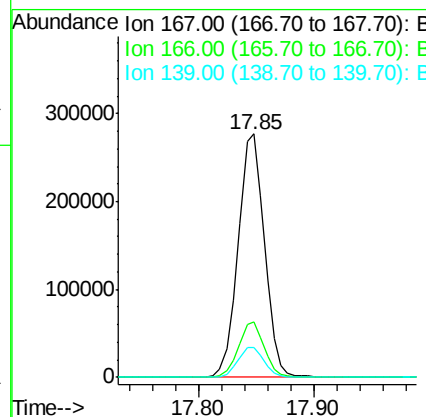
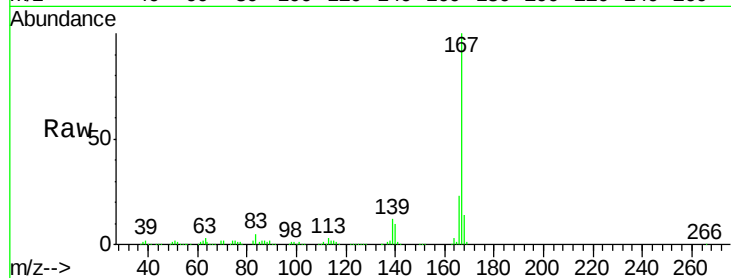




#73
 Carbazole
 Concen: 43.824 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

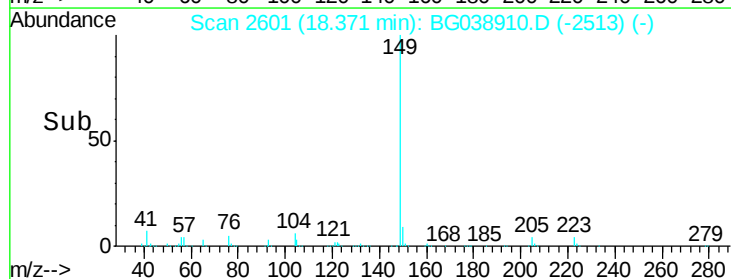
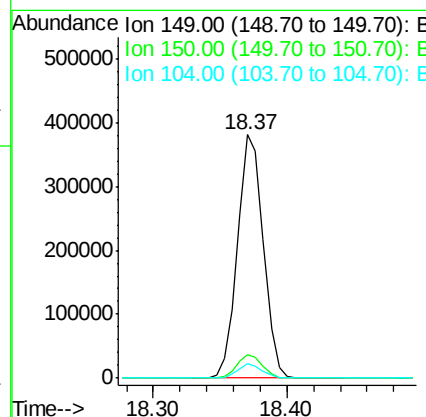
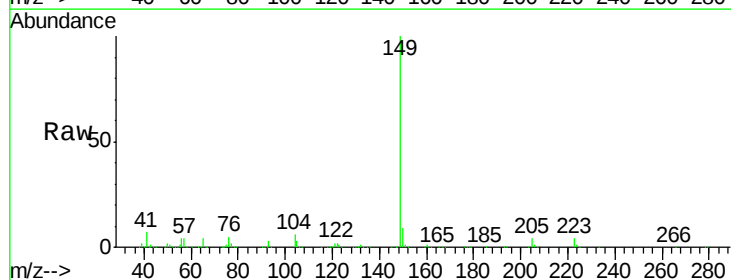
Instrument :
 BNA_G
 ClientSampleId :

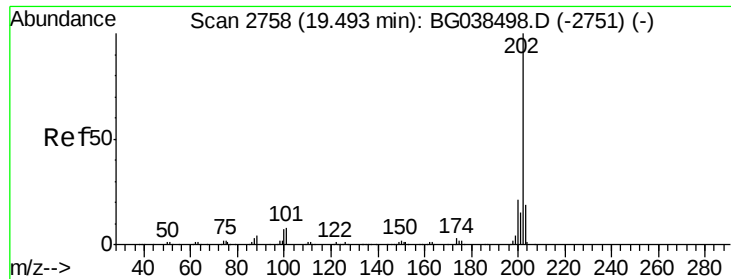
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	12.4	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 44.752 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.7	5.0	7.4





#75

Fluoranthene

Concen: 48.517 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

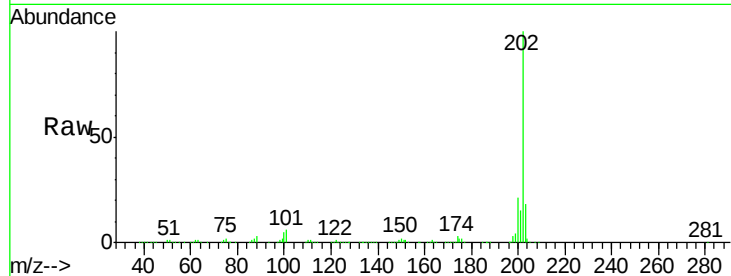
Tot Ion:202 Resp: 615217

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.1

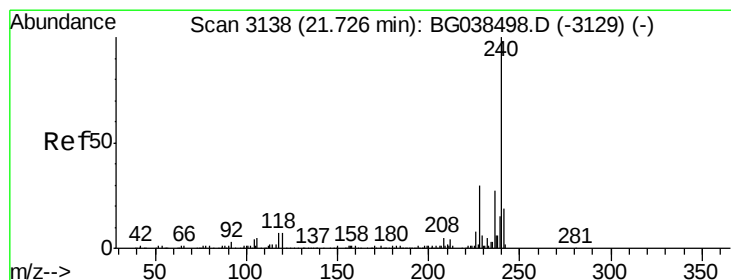
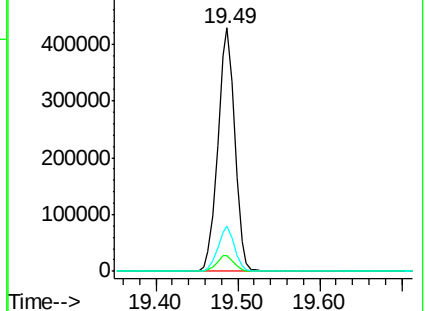
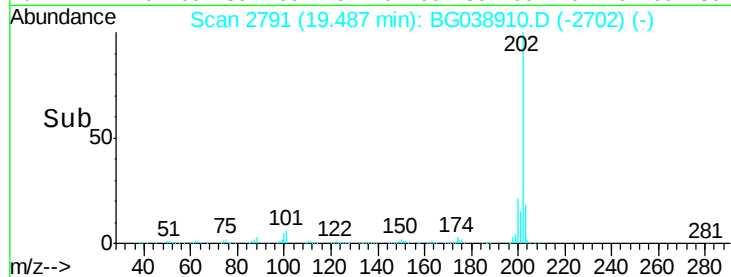
203 18.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

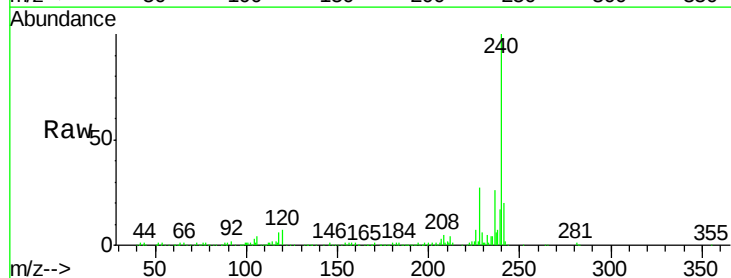
Tgt Ion:240 Resp: 196435

Ion Ratio Lower Upper

240 100

120 6.7 5.3 7.9

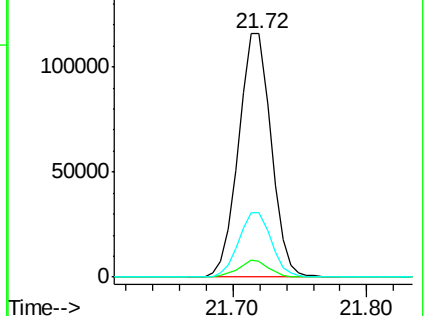
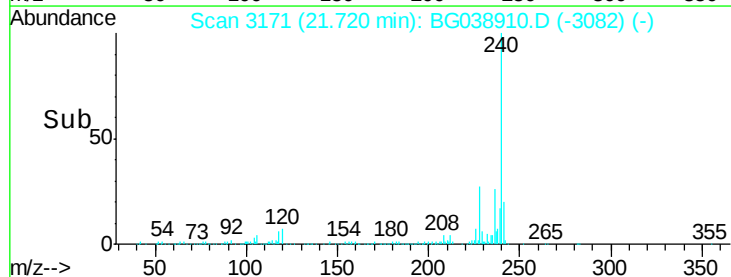
236 26.5 21.4 32.2

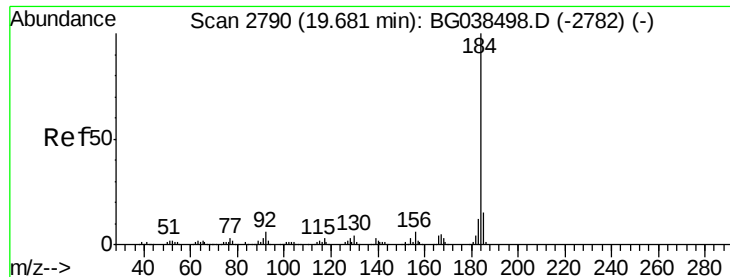


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.575 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

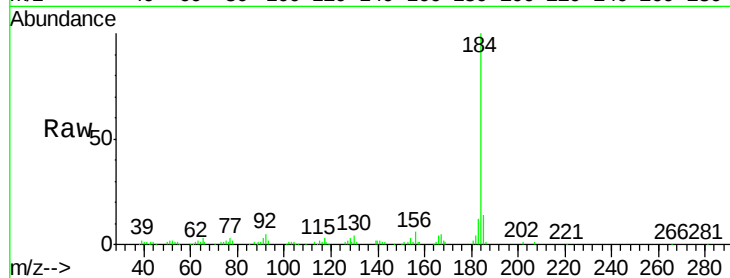
Tot Ion:184 Resp: 78863

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

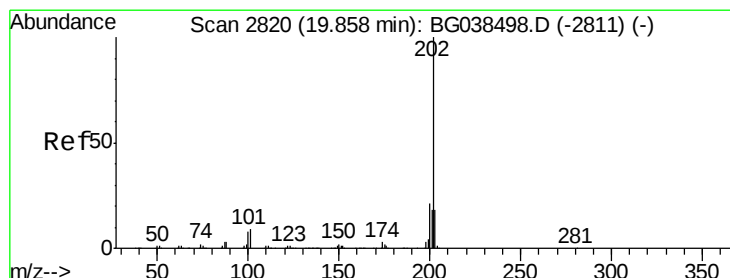
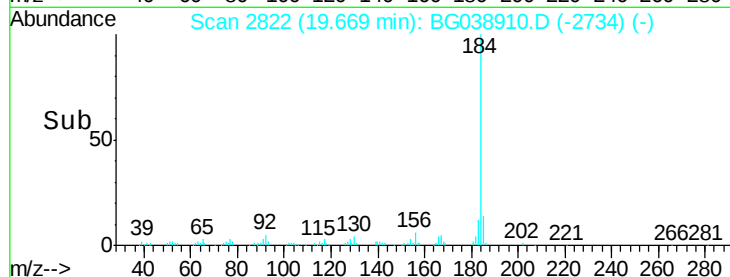
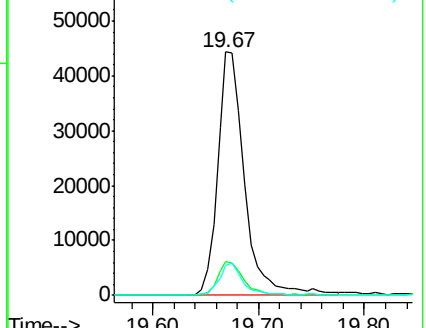
183 12.3 9.6 14.4



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: 48.034 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

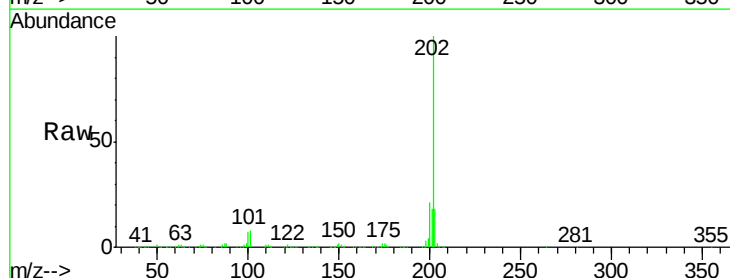
Tgt Ion:202 Resp: 623346

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

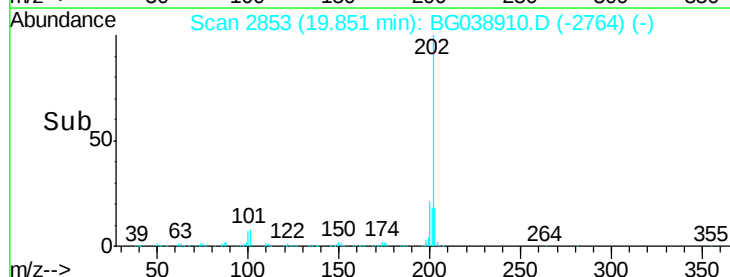
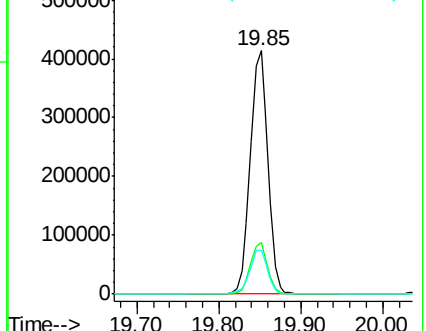
203 18.2 14.6 21.8



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: 106.049 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampled :

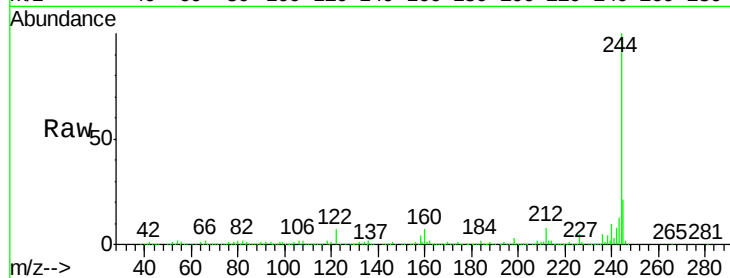
Tot Ion:244 Resp: 957192

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

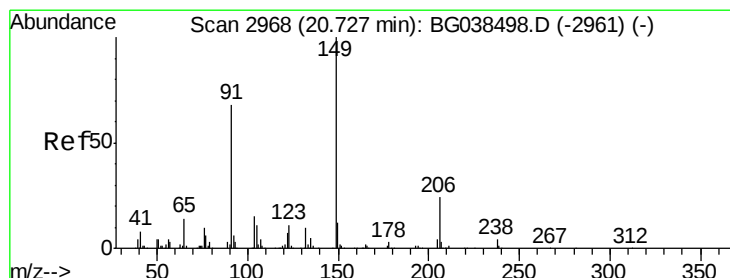
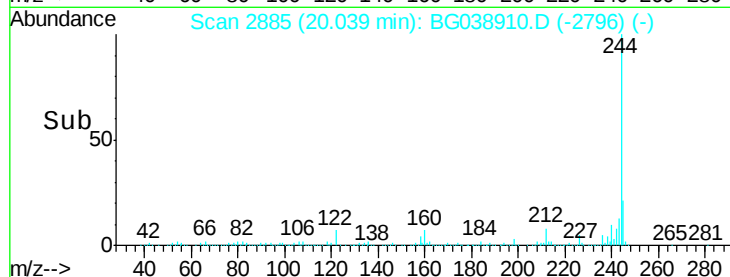
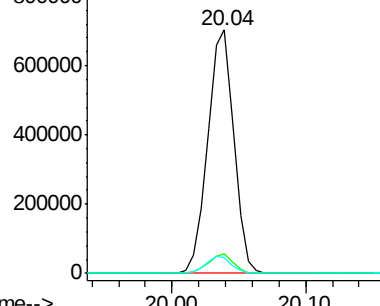
122 6.7 6.3 9.5



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: 45.455 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

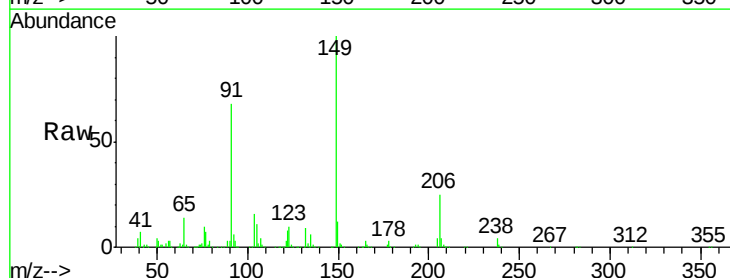
Tgt Ion:149 Resp: 230455

Ion Ratio Lower Upper

149 100

91 68.0 54.5 81.7

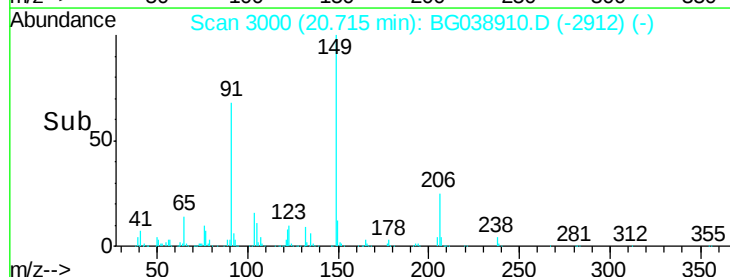
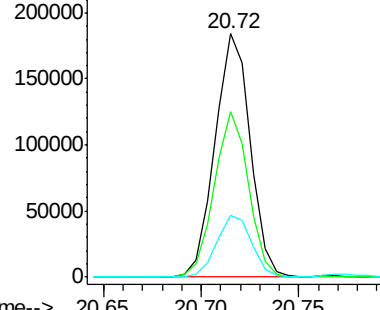
206 25.3 19.0 28.6

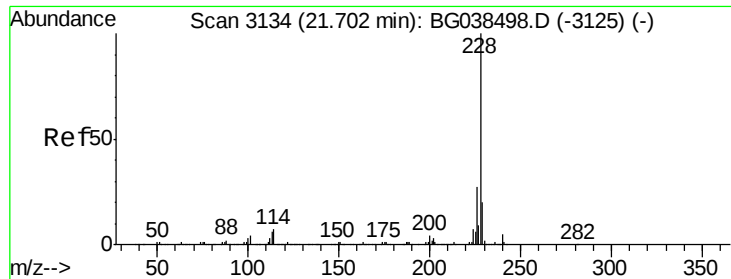


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.132 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

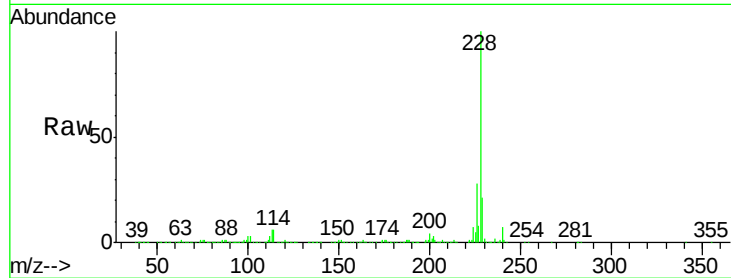
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 600072

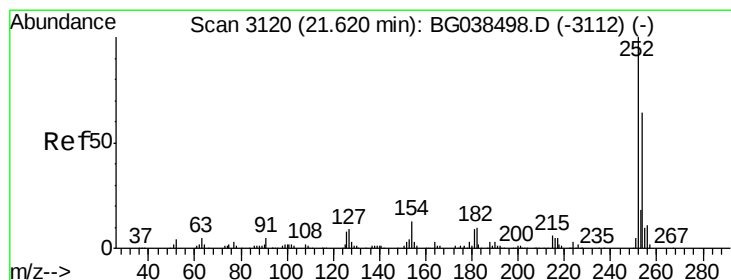
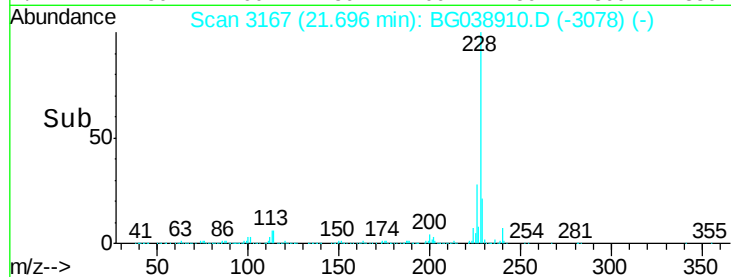
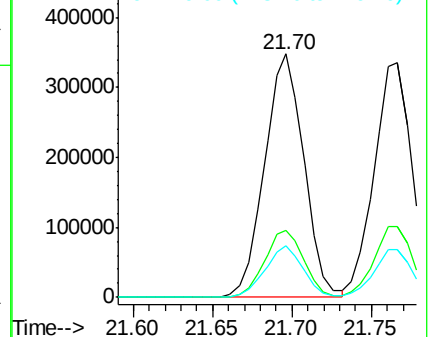
Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	21.3	15.8	23.6



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: 14.832 ng

RT: 21.61 min Scan# 3153

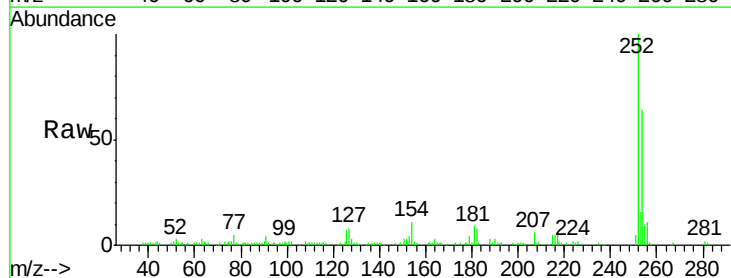
Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Tgt Ion:252 Resp: 70410

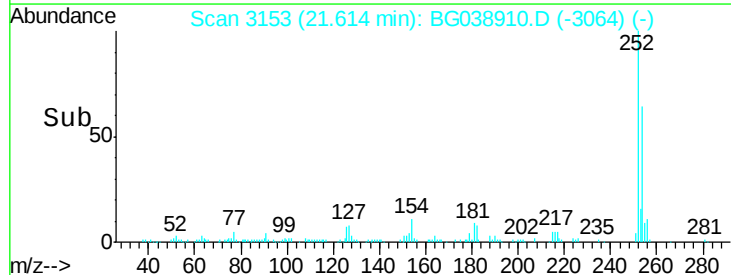
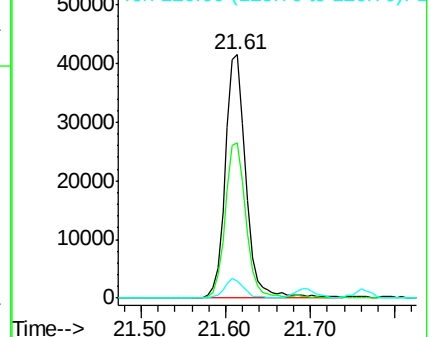
Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.9	76.3
126	6.9	6.3	9.5

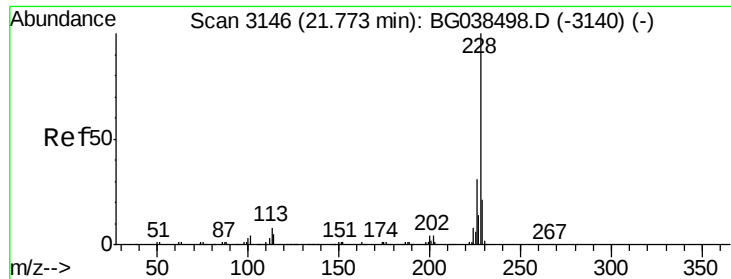


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.274 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

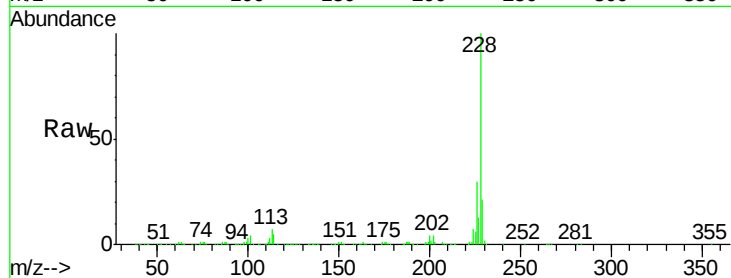
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 556567

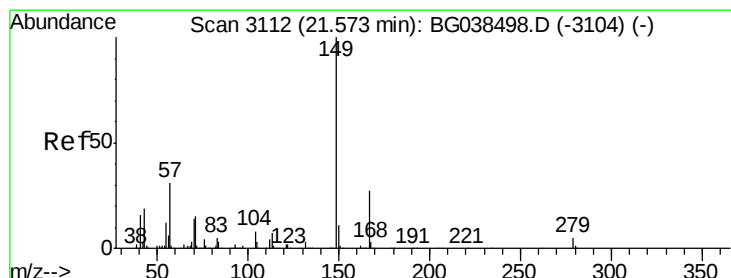
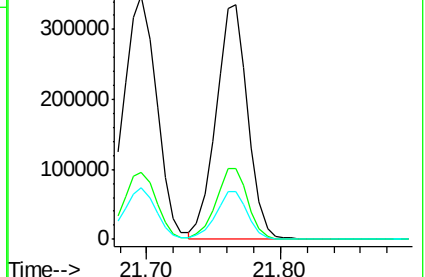
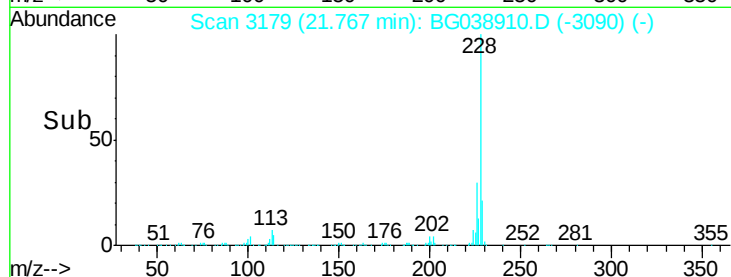
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.5	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.410 ng

RT: 21.56 min Scan# 3144

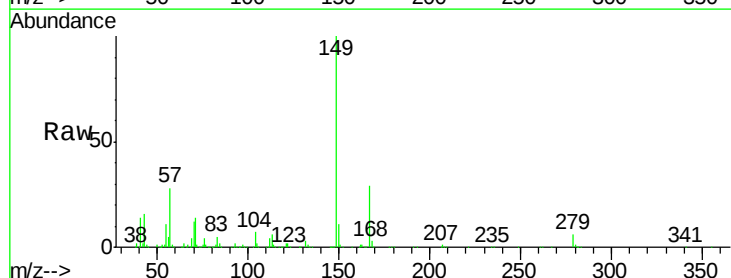
Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Tgt Ion:149 Resp: 326523

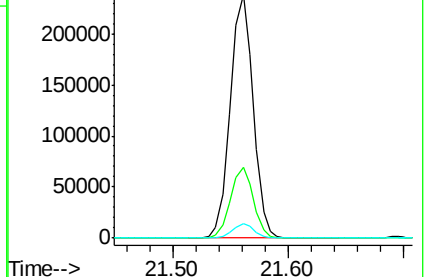
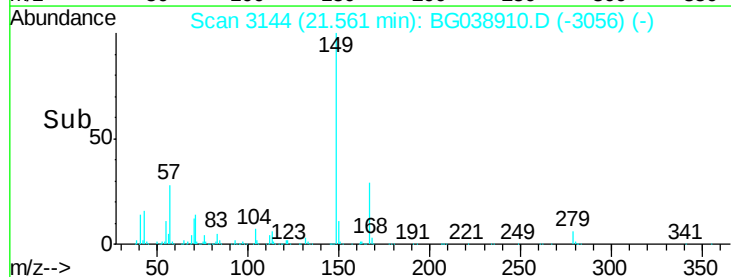
Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.9	32.9
279	5.9	4.2	6.2

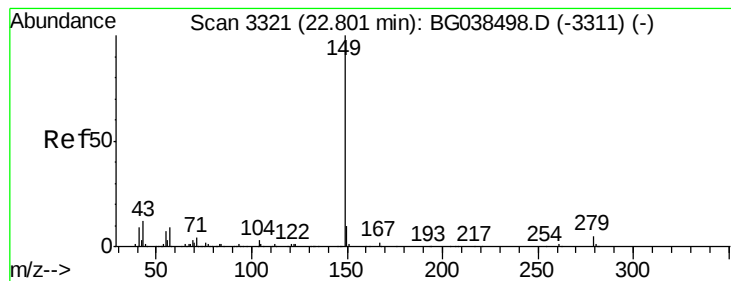


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.888 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

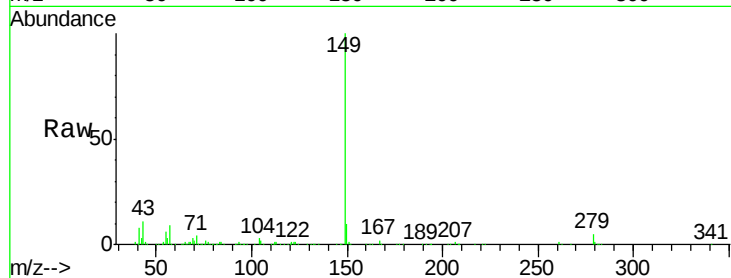
Tot Ion:149 Resp: 552608

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

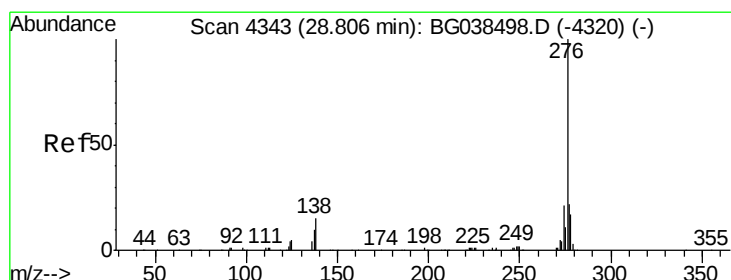
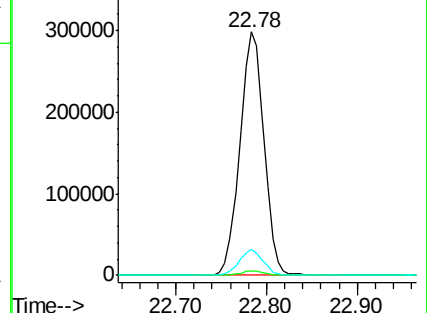
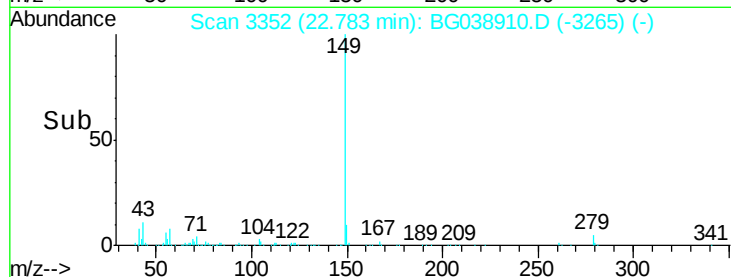
43 10.1 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.903 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

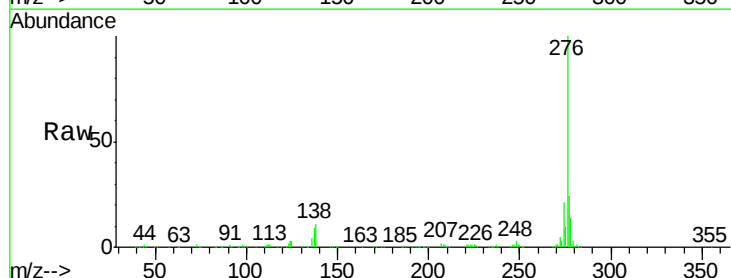
Tgt Ion:276 Resp: 689968

Ion Ratio Lower Upper

276 100

138 7.0 14.4 21.6#

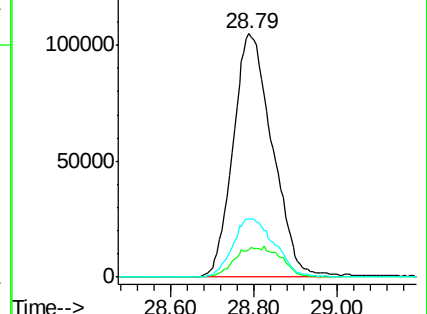
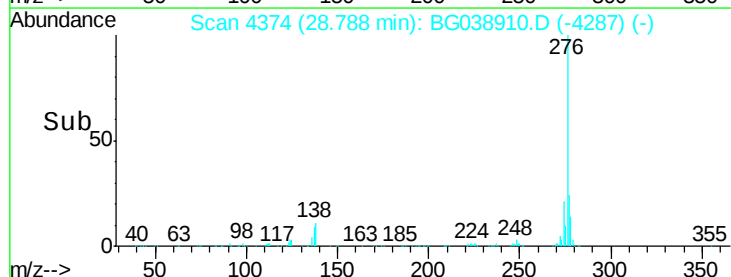
277 25.4 0.0 0.0#

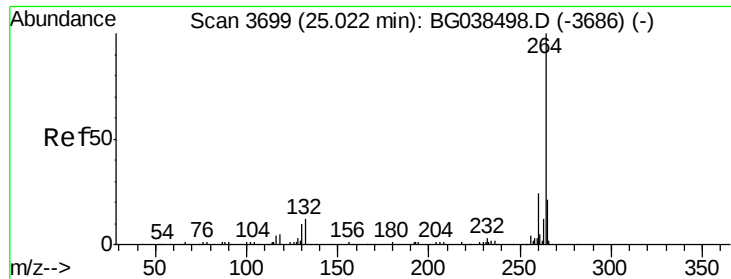


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

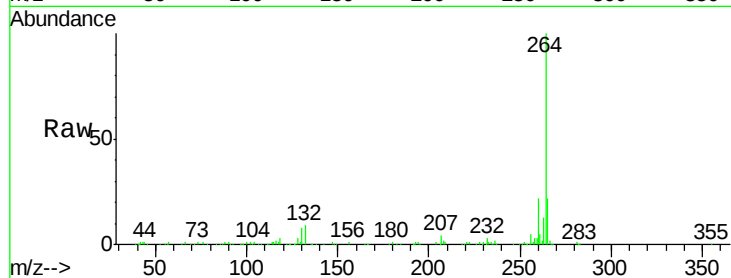




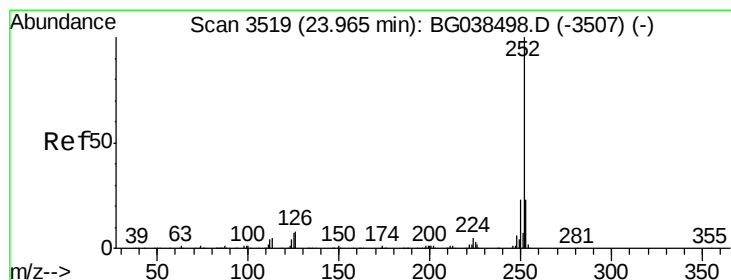
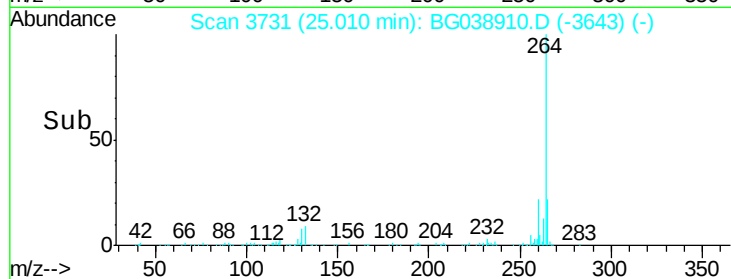
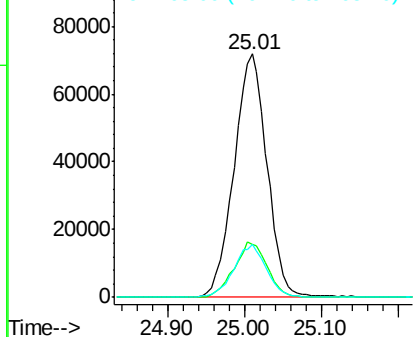
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 214604
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.9 28.3
 265 21.7 17.0 25.4

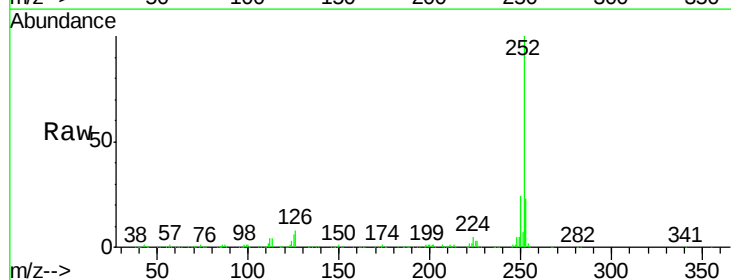


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

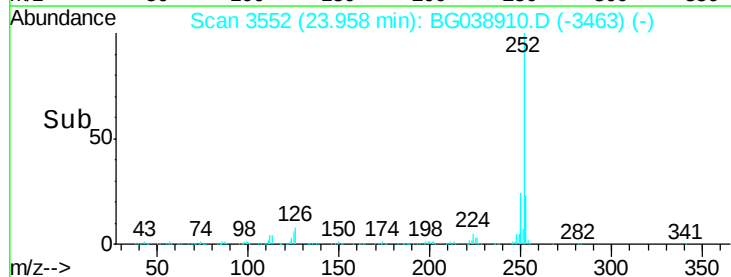
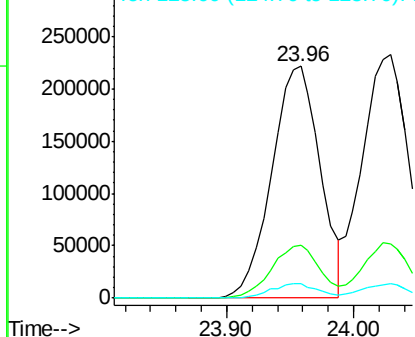


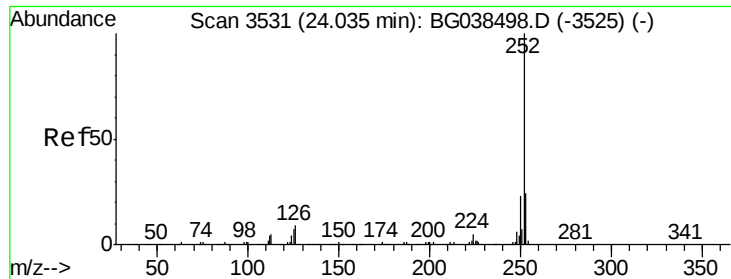
#88
 Benzo(b)fluoranthene
 Concen: 49.901 ng
 RT: 23.96 min Scan# 3552
 Delta R.T. -0.01 min
 Lab File: BG038910.D
 Acq: 3 Jan 2019 19:22

Tgt Ion:252 Resp: 587962
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.1 27.1
 125 6.1 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

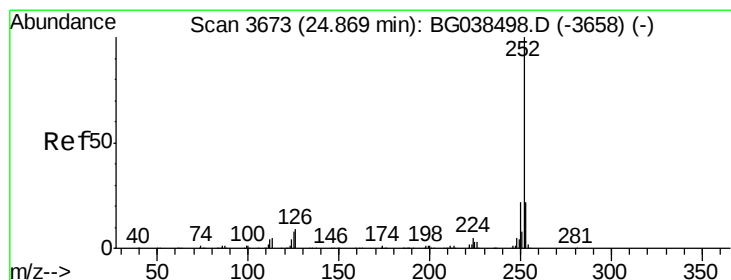
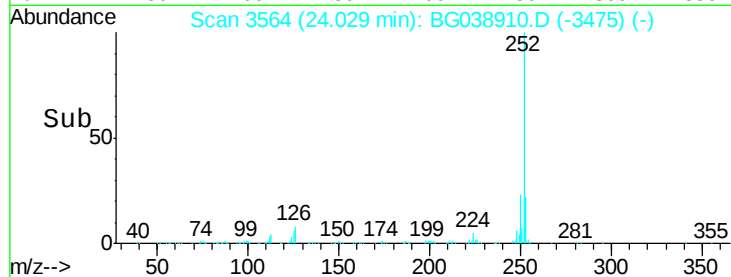
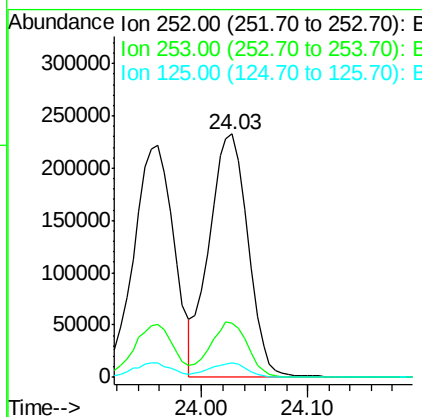
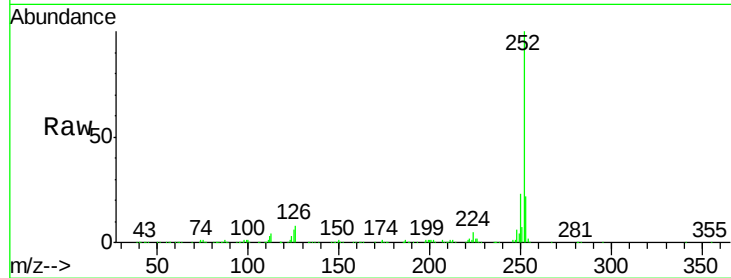




#89
Benzo(k)fluoranthene
Concen: 50.384 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

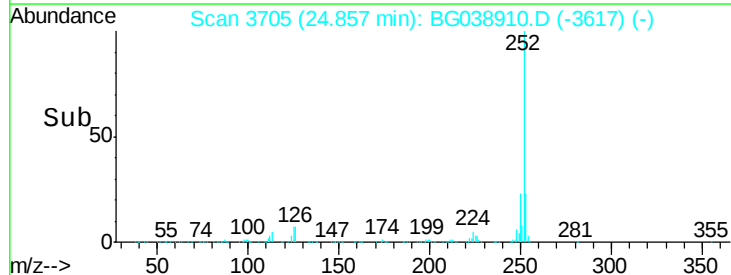
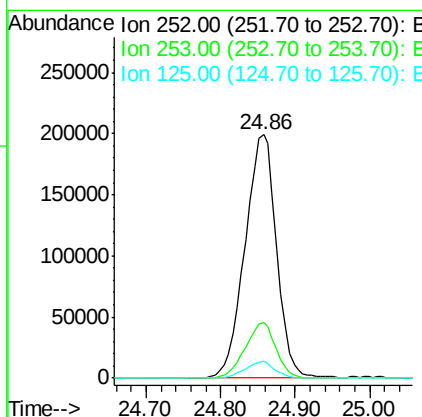
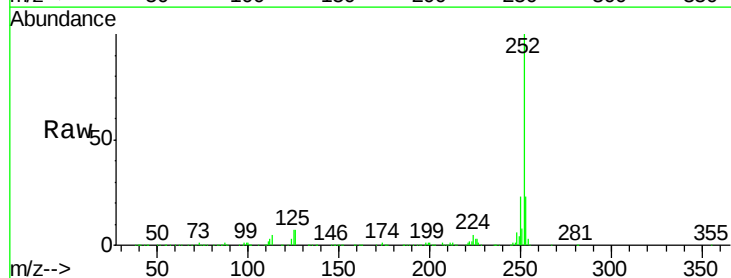
Instrument :
BNA_G
ClientSampleId :

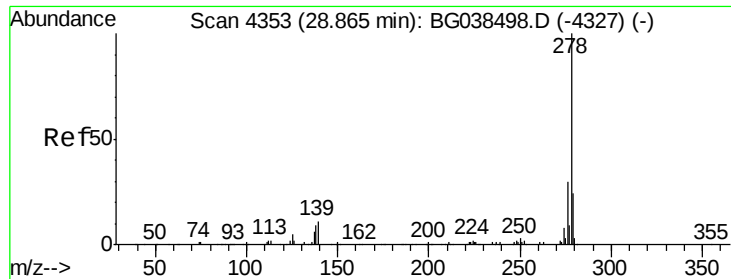
Tot Ion:252 Resp: 591152
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 5.7 5.4 8.2



#90
Benzo(a)pyrene
Concen: 51.418 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038910.D
Acq: 3 Jan 2019 19:22

Tgt Ion:252 Resp: 584478
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 7.2 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 50.139 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

Instrument :

BNA_G

ClientSampleId :

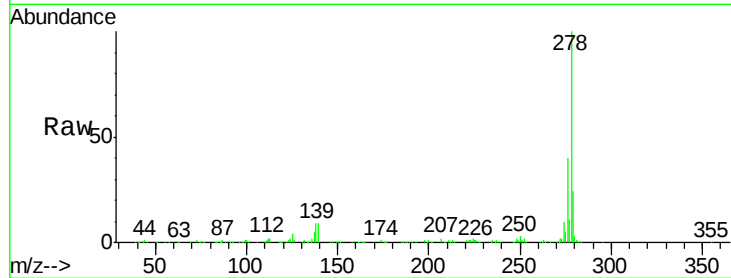
Tot Ion:278 Resp: 567478

Ion Ratio Lower Upper

278 100

139 8.6 8.6 12.8#

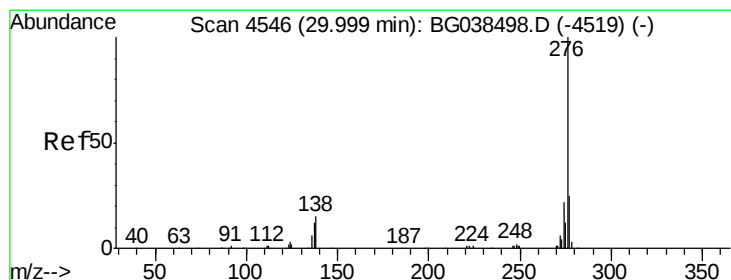
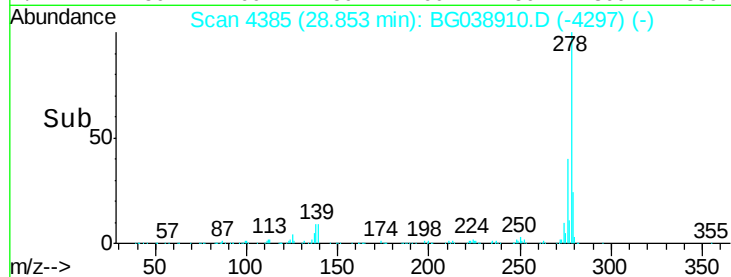
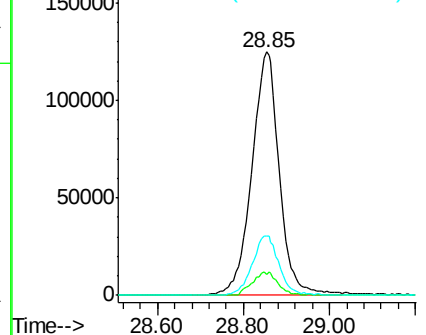
279 24.3 19.0 28.6



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: 50.867 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038910.D

Acq: 3 Jan 2019 19:22

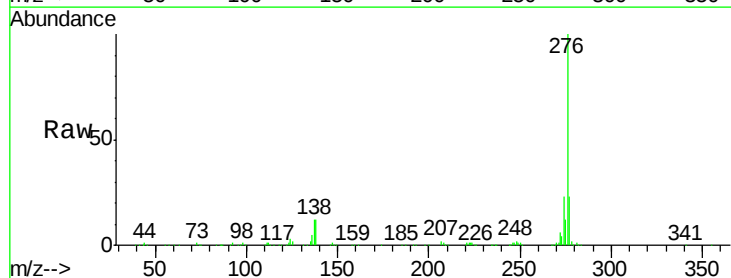
Tgt Ion:276 Resp: 567366

Ion Ratio Lower Upper

276 100

277 23.4 19.8 29.8

138 12.2 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

