

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041818.D
 Acq On : 31 Jul 2019 1:42
 Operator : HP/JU
 Sample : K4045-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

Quant Time: Jul 31 04:10:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86514	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	322261	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	229231	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	581239	20.00	ng	0.00
76) Chrysene-d12	21.73	240	718308	20.00	ng	0.00
87) Perylene-d12	25.00	264	650759	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	560579	126.07	ng	0.00
7) Phenol-d6	7.19	99	683222	113.97	ng	0.00
23) Nitrobenzene-d5	9.20	82	503279	107.47	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	424614	163.08	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1331637	102.46	ng	0.00
79) Terphenyl-d14	20.06	244	2528934	80.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	8641	4.129	ng	# 77
4) n-Nitrosodimethylamine	3.79	42	8816	3.875	ng	# 89
8) 2-Chlorophenol	7.60	128	19440	3.818	ng	95
9) Benzaldehyde	7.17	77	15330	3.634	ng	96
10) Phenol	7.22	94	29182	4.679	ng	91
11) bis(2-Chloroethyl)ether	7.45	93	16886	3.293	ng	94
12) 1,3-Dichlorobenzene	7.93	146	22814	3.433	ng	91
13) 1,4-Dichlorobenzene	8.08	146	23384	3.517	ng	92
14) 1,2-Dichlorobenzene	8.40	146	21646	3.411	ng	94
15) Benzyl Alcohol	8.28	79	11558	2.451	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	29707	3.257	ng	96
17) 2-Methylphenol	8.48	107	15703	3.462	ng	96
18) Hexachloroethane	9.14	117	8308	3.648	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	13109	3.012	ng	# 90
20) 3+4-Methylphenols	8.81	107	20582	3.316	ng	96
22) Acetophenone	8.86	105	29098	4.037	ng	# 88
24) Nitrobenzene	9.25	77	21343	4.326	ng	97
25) Isophorone	9.77	82	35891	3.523	ng	98
26) 2-Nitrophenol	9.97	139	9422	4.115	ng	# 94
27) 2,4-Dimethylphenol	10.03	122	14716	3.642	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	20773	3.263	ng	96
29) 2,4-Dichlorophenol	10.51	162	19322	3.926	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	24022	3.849	ng	96
31) Naphthalene	10.91	128	58213	3.947	ng	97
32) Benzoic acid	10.03	122	14716	12.899	ng	# 13
34) Hexachlorobutadiene	11.21	225	15522	3.685	ng	# 90
35) Caprolactam	11.77	113	6504	3.803	ng	# 64
36) 4-Chloro-3-methylphenol	12.14	107	19720	4.042	ng	90
37) 2-Methylnaphthalene	12.52	142	43382	3.716	ng	97
38) 1-Methylnaphthalene	12.74	142	43542	3.936	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	30013	4.136	ng	# 95
41) Hexachlorocyclopentadiene	12.88	237	10365	2.541	ng	86
43) 2,4,6-Trichlorophenol	13.13	196	14863	3.241	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	18141	3.806	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.54	154	61643	4.183	ng	94
47) 2-Chloronaphthalene	13.58	162	45932	3.661	ng	96
49) Acenaphthylene	14.42	152	76792	4.092	ng	93
50) Dimethylphthalate	14.15	163	129762	8.289	ng	98
51) 2,6-Dinitrotoluene	14.26	165	12677	3.873	ng	93
52) Acenaphthene	14.76	154	44662	3.659	ng	92
54) 2,4-Dinitrophenol	14.82	184	1063	4.002	ng	92
55) Dibenzofuran	15.10	168	79365	4.251	ng	91
56) 4-Nitrophenol	14.90	139	7377	2.775	ng #	77
57) 2,4-Dinitrotoluene	15.05	165	17890	3.974	ng #	95
58) Fluorene	15.74	166	66041	4.408	ng	90
59) 2,3,4,6-Tetrachlorophenol	15.32	232	13517	2.864	ng #	94
60) Diethylphthalate	15.52	149	65822	4.282	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	36527	3.994	ng	92
63) Azobenzene	16.03	77	42926	3.419	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	4611	8.242	ng	95
67) 4-Bromophenyl-phenylether	16.64	248	24480	3.419	ng	94
68) Hexachlorobenzene	16.76	284	25782	3.442	ng #	91
71) Phenanthrene	17.49	178	120113	4.311	ng #	90
72) Anthracene	17.58	178	116679	4.199	ng #	91
74) Di-n-butylphthalate	18.42	149	125643	4.444	ng #	92
75) Fluoranthene	19.50	202	169428	5.003	ng	86
78) Pyrene	19.86	202	177330	4.167	ng #	86
80) Butylbenzylphthalate	20.75	149	62972	3.859	ng	90
81) Benzo(a)anthracene	21.78	228	174256	4.100	ng	92
83) Chrysene	21.78	228	174256	4.278	ng	89
84) Bis(2-ethylhexyl)phthalate	21.63	149	93491	4.154	ng	97
85) Di-n-octyl phthalate	22.87	149	153484	4.052	ng #	92
86) Indeno(1,2,3-cd)pyrene	28.72	276	193560	3.589	ng #	84
88) Benzo(b)fluoranthene	23.96	252	186250	5.232	ng	91
89) Benzo(k)fluoranthene	24.03	252	171006	4.931	ng #	95
90) Benzo(a)pyrene	24.85	252	154073	4.513	ng #	93
91) Dibenzo(a,h)anthracene	28.81	278	161626	4.821	ng #	90
92) Benzo(g,h,i)perylene	29.88	276	153413	4.580	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG041818.D

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ClientSampleId :

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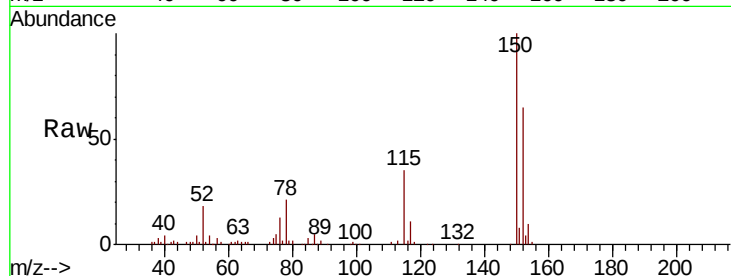
Tgt Ion:152 Resp: 86514

Ion Ratio Lower Upper

152 100

150 155.0 126.9 190.3

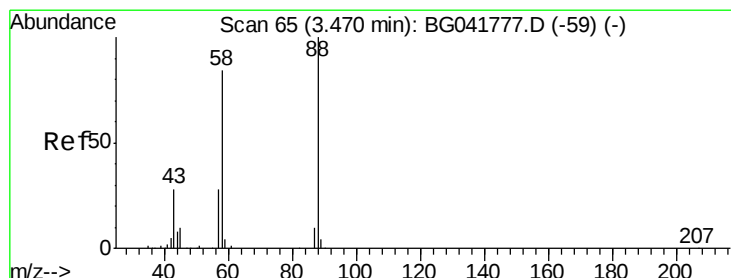
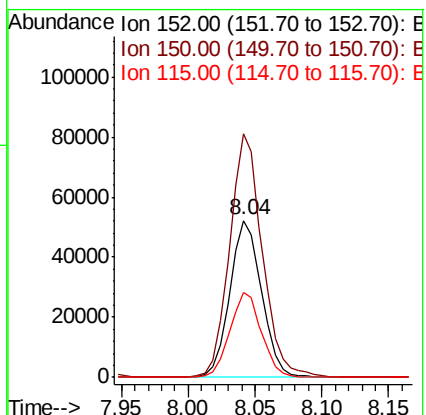
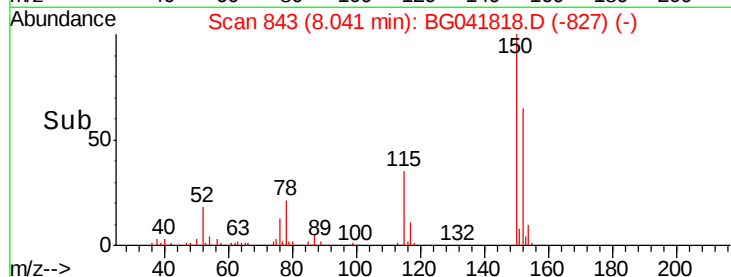
115 53.7 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.129 ng

RT: 3.46 min Scan# 64

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

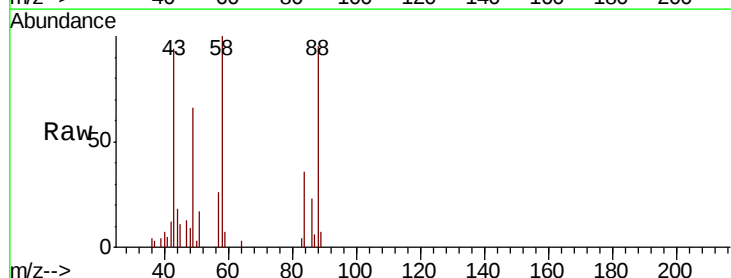
Tgt Ion: 88 Resp: 8641

Ion Ratio Lower Upper

88 100

58 85.8 76.2 114.2

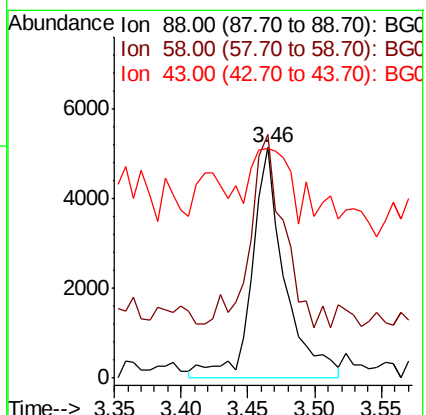
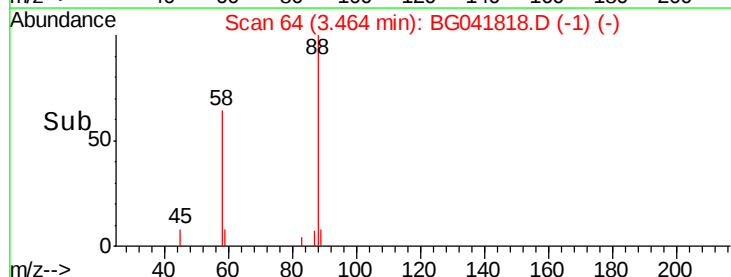
43 0.0 27.2 40.8#

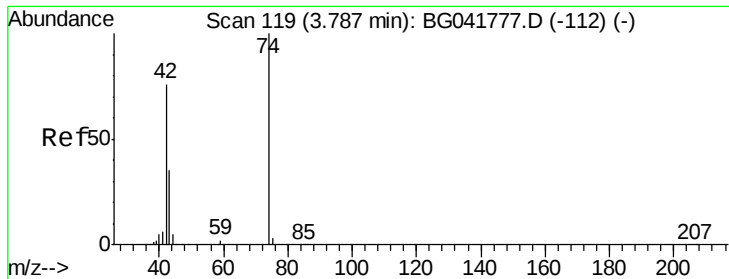


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



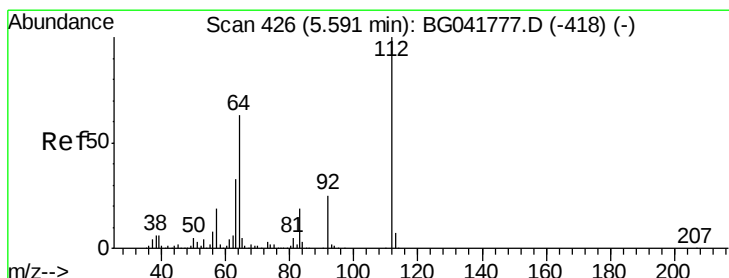
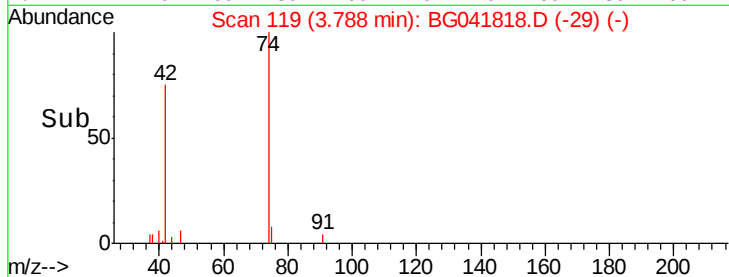
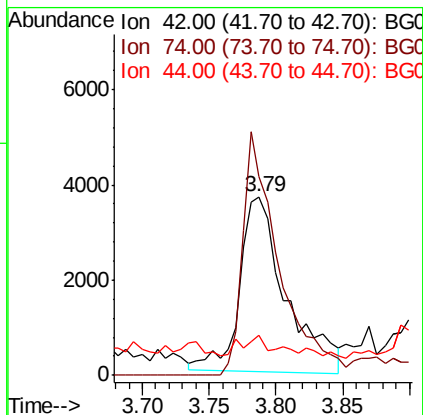
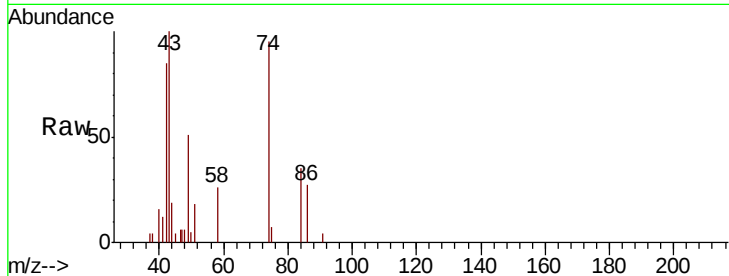


#4

n-Nitrosodimethylamine
 Concen: 3.875 ng
 RT: 3.79 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Instrument :
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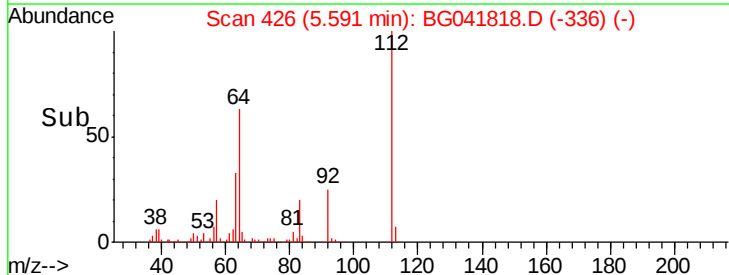
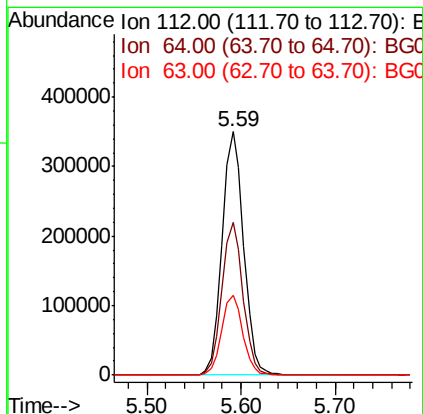
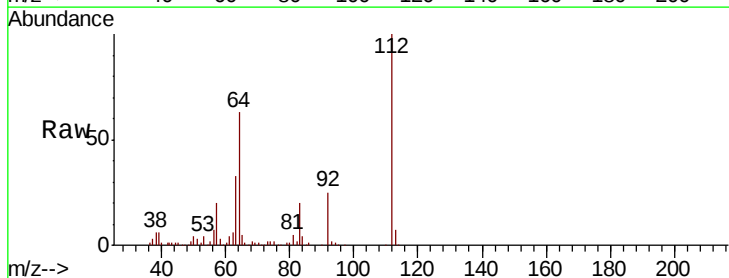
Tgt Ion: 42 Resp: 8816
 Ion Ratio Lower Upper
 42 100
 74 111.5 97.4 146.2
 44 22.6 6.6 9.8#

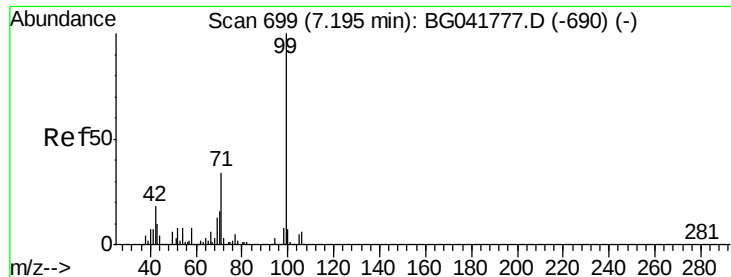


#5

2-Fluorophenol
 Concen: 126.069 ng
 RT: 5.59 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion: 112 Resp: 560579
 Ion Ratio Lower Upper
 112 100
 64 62.6 55.4 83.2
 63 32.8 29.1 43.7





#7

Phenol-d6

Concen: 113.970 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

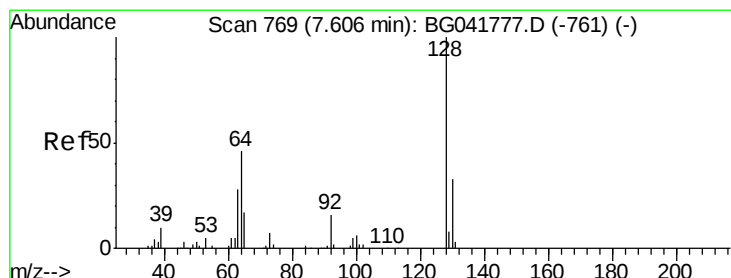
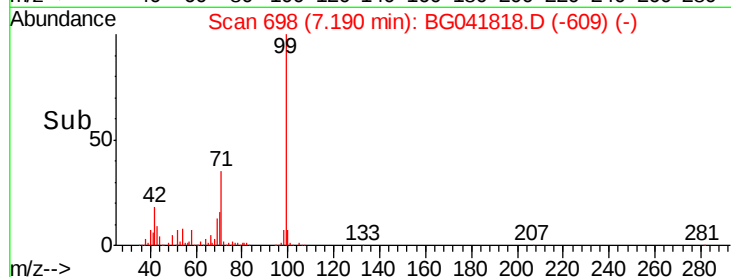
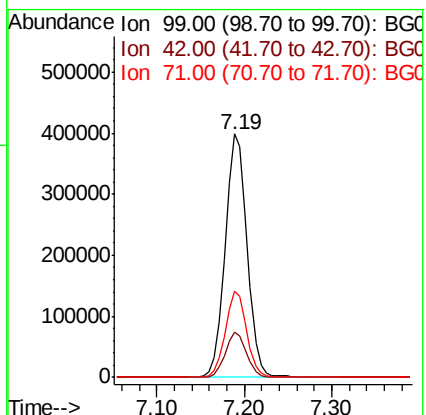
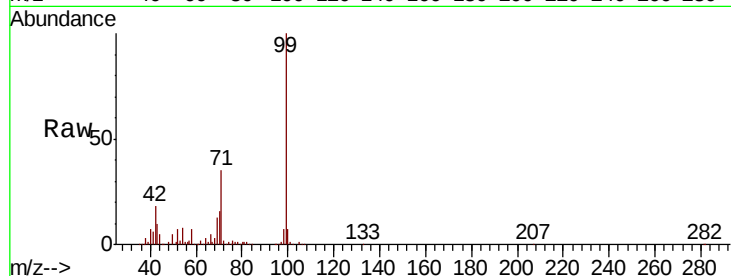
Tgt Ion: 99 Resp: 683222

Ion Ratio Lower Upper

99 100

42 18.4 17.6 26.4

71 35.2 27.8 41.6



#8

2-Chlorophenol

Concen: 3.818 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

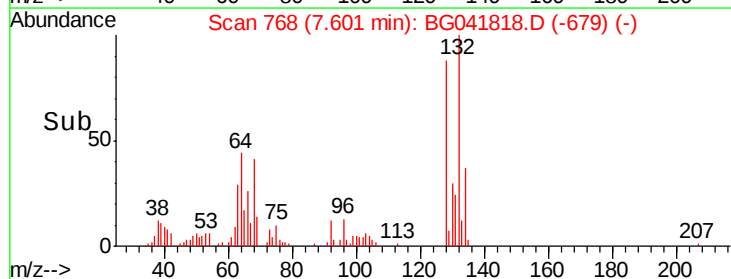
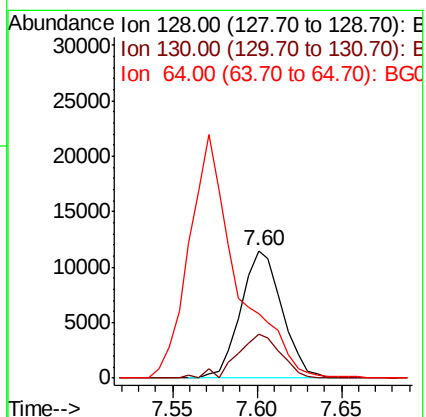
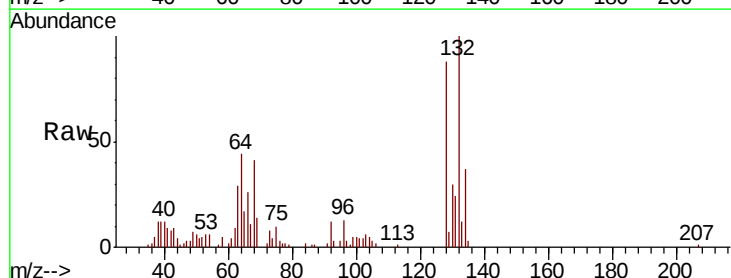
Tgt Ion: 128 Resp: 19440

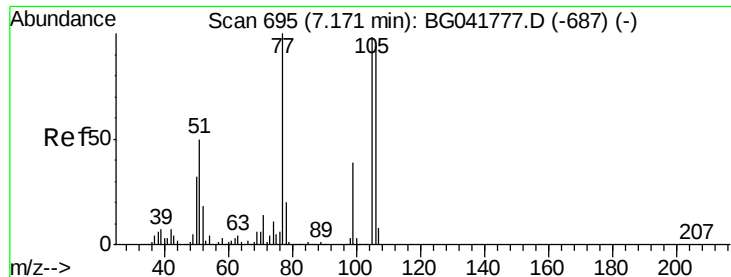
Ion Ratio Lower Upper

128 100

130 34.0 12.4 52.4

64 50.3 34.9 74.9





#9

Benzaldehyde

Concen: 3.634 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

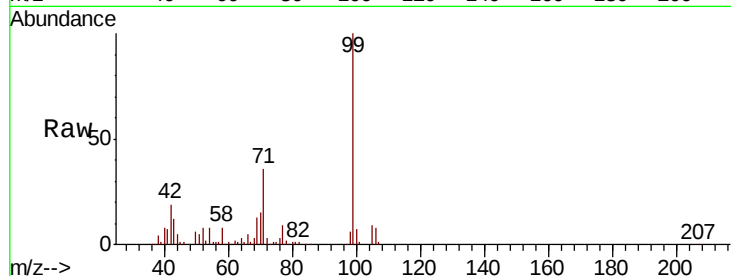
Tgt Ion: 77 Resp: 15330

Ion Ratio Lower Upper

77 100

105 97.6 74.6 114.6

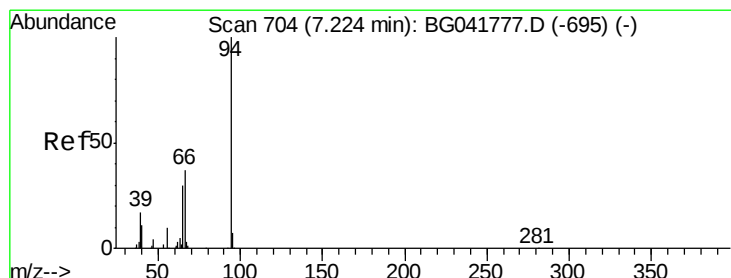
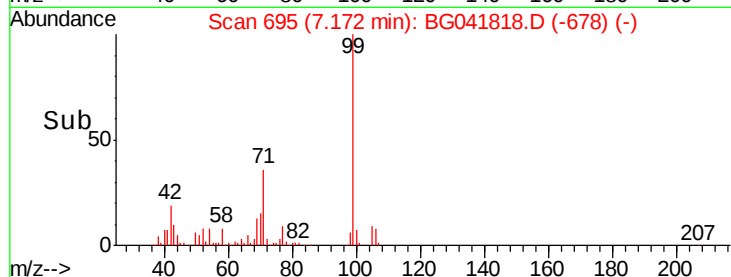
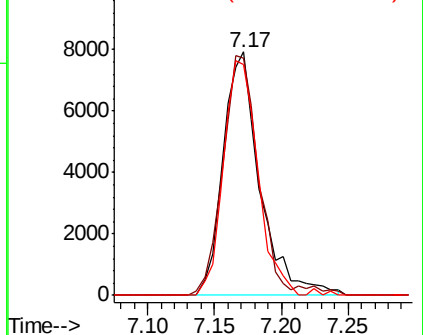
106 94.9 71.1 111.1



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: 4.679 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

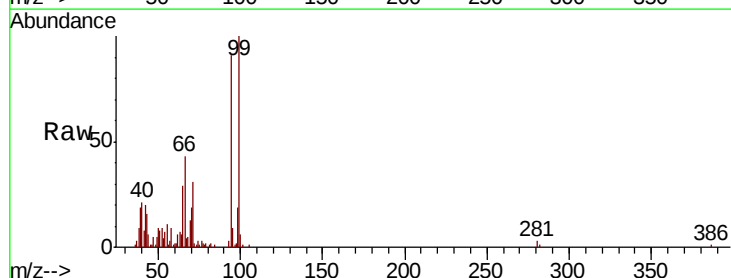
Tgt Ion: 94 Resp: 29182

Ion Ratio Lower Upper

94 100

65 31.4 10.6 50.6

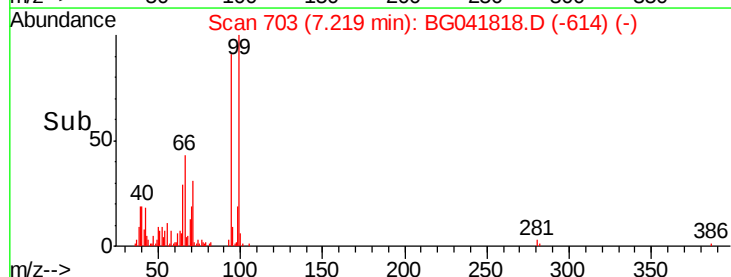
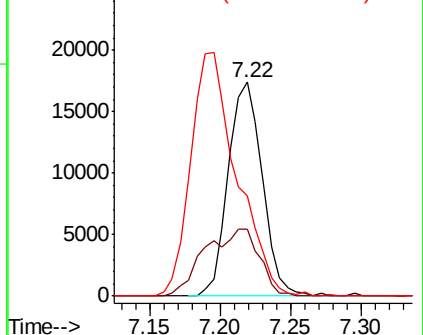
66 46.8 18.2 58.2

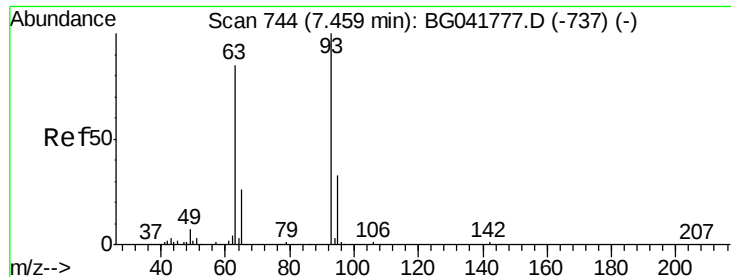


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

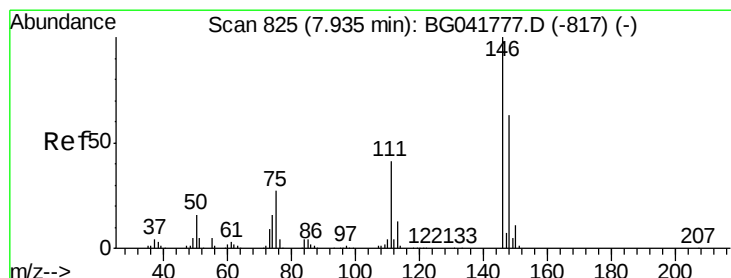
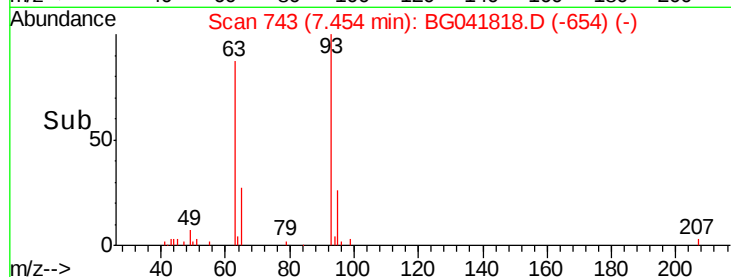
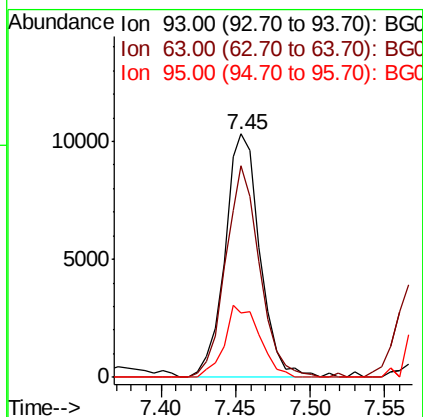
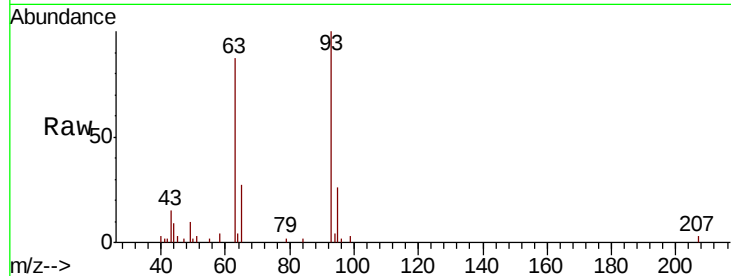




#11
 bis(2-Chloroethyl)ether
 Concen: 3.293 ng
 RT: 7.45 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

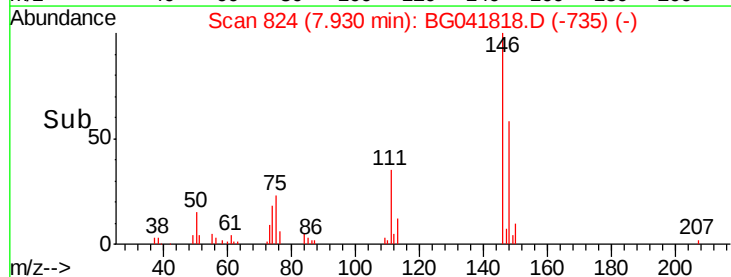
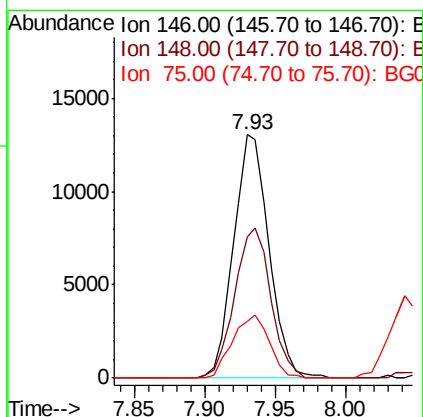
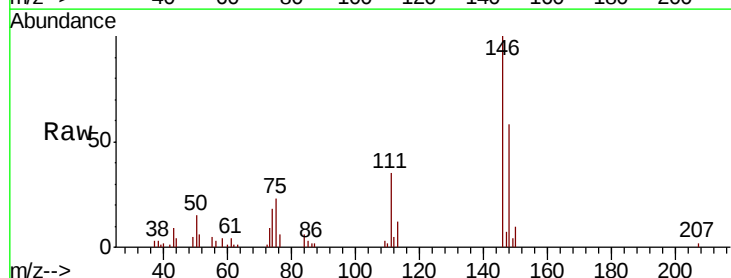
Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

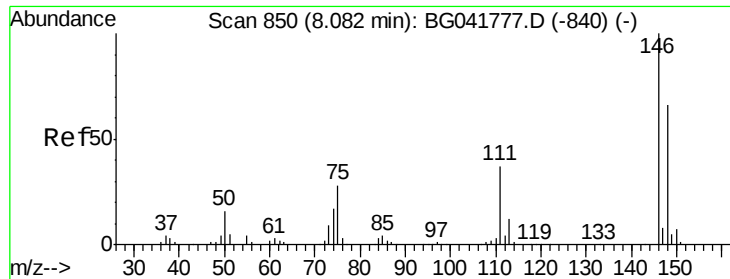
Tgt Ion: 93 Resp: 16886
 Ion Ratio Lower Upper
 93 100
 63 86.8 70.4 110.4
 95 26.5 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 3.433 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion: 146 Resp: 22814
 Ion Ratio Lower Upper
 146 100
 148 58.0 51.5 77.3
 75 23.4 23.2 34.8

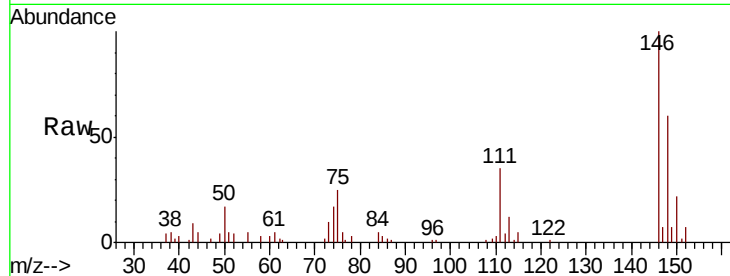




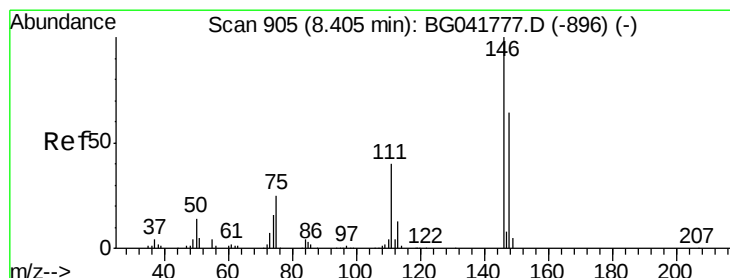
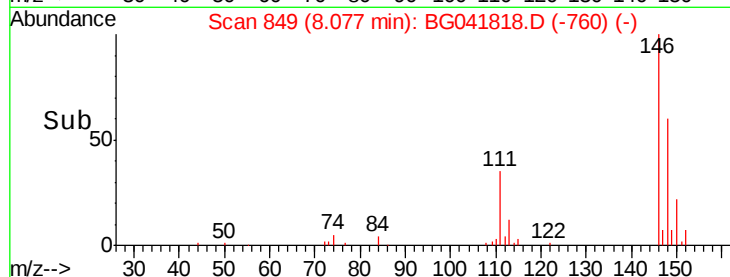
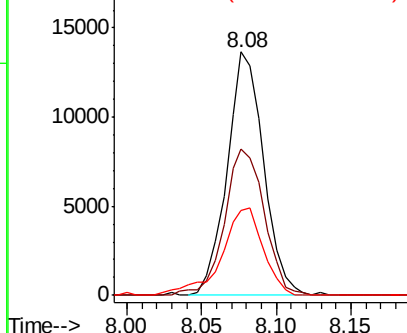
#13
 1,4-Dichlorobenzene
 Concen: 3.517 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

Tgt Ion:146 Resp: 23384
 Ion Ratio Lower Upper
 146 100
 148 60.4 52.6 79.0
 111 34.9 32.5 48.7

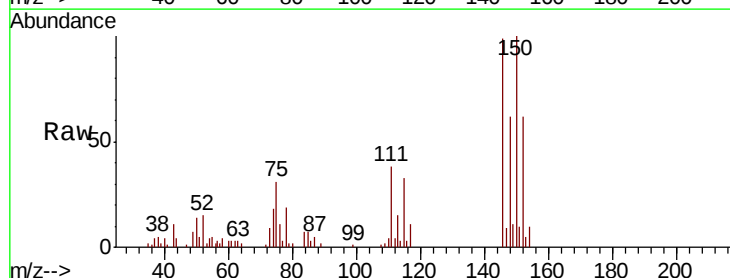


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

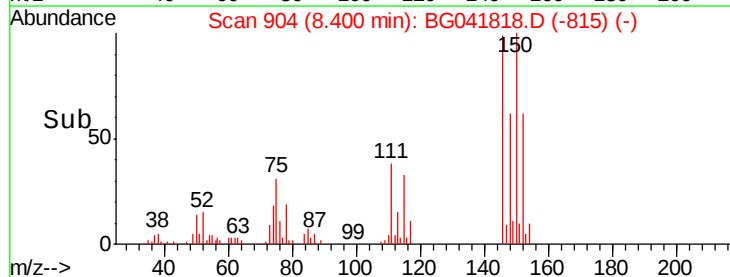
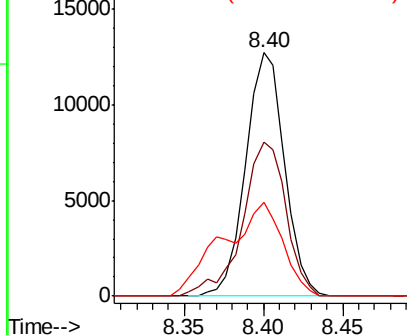


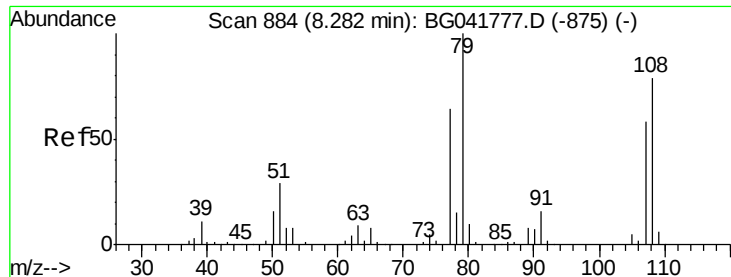
#14
 1,2-Dichlorobenzene
 Concen: 3.411 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion:146 Resp: 21646
 Ion Ratio Lower Upper
 146 100
 148 63.2 53.5 80.3
 111 38.4 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 2.451 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

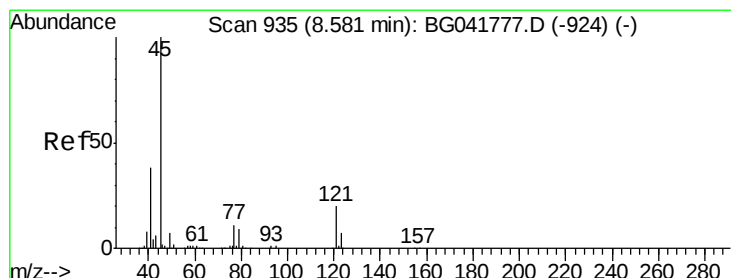
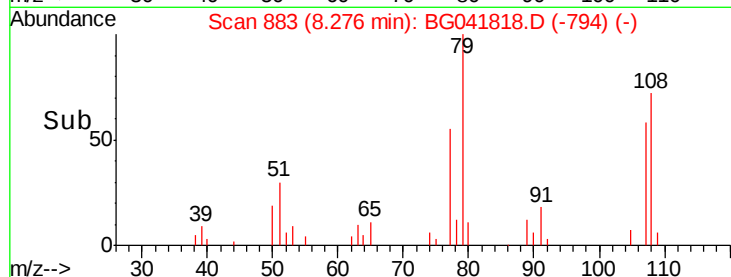
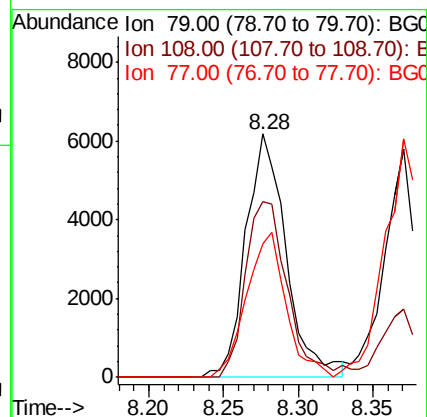
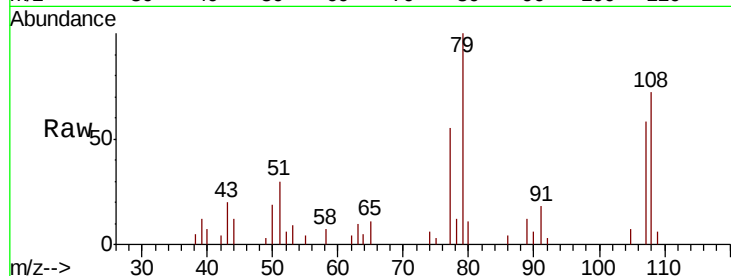
Tgt Ion: 79 Resp: 11558

Ion Ratio Lower Upper

79 100

108 71.9 60.5 90.7

77 54.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.257 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

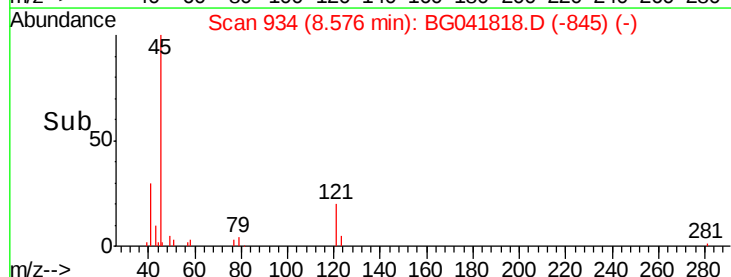
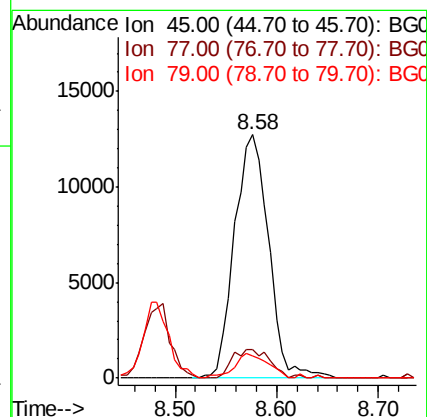
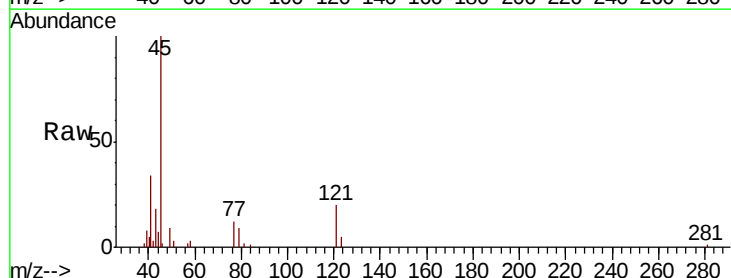
Tgt Ion: 45 Resp: 29707

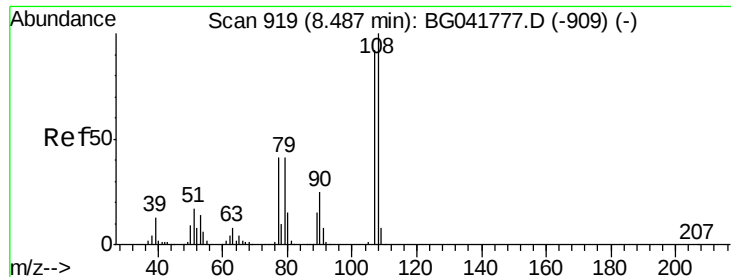
Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.4

79 9.3 0.0 27.9

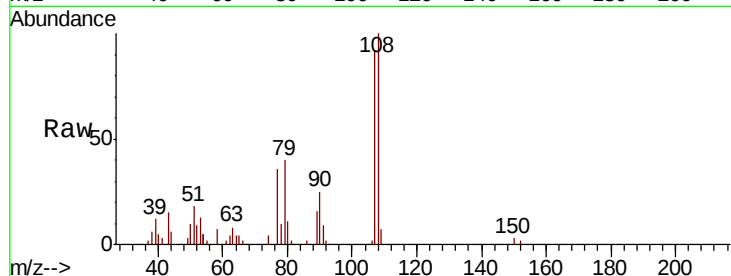




#17
2-Methylphenol
Concen: 3.462 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Instrument :
BNA_G
ClientSampleId :
GW8-20190726

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.3	87.6	131.4
77	39.2	36.1	54.1
79	42.9	36.4	54.6



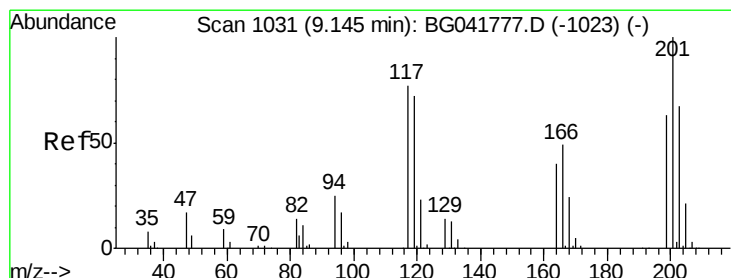
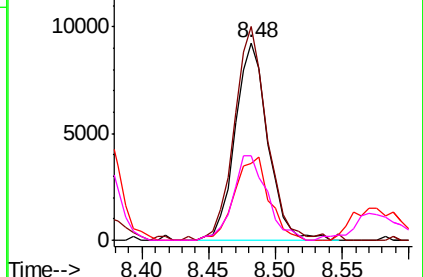
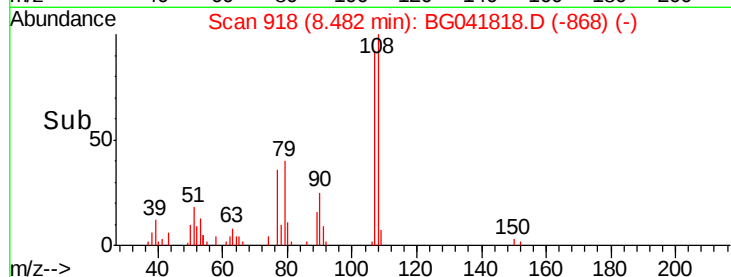
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

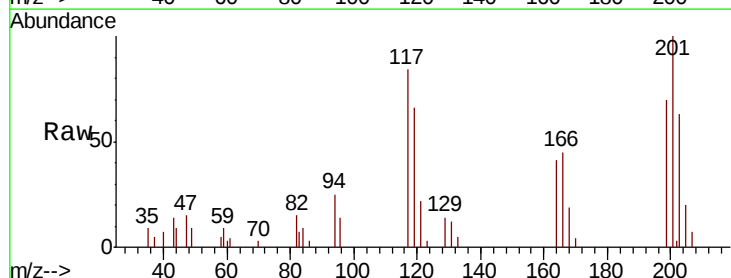
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 3.648 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	78.8	76.2	114.2
201	119.2	94.1	141.1

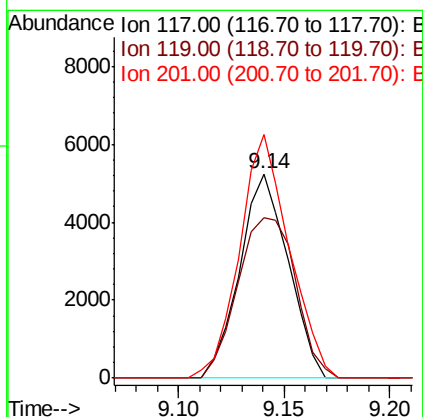
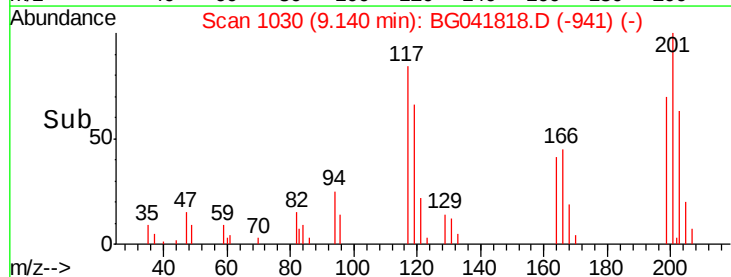


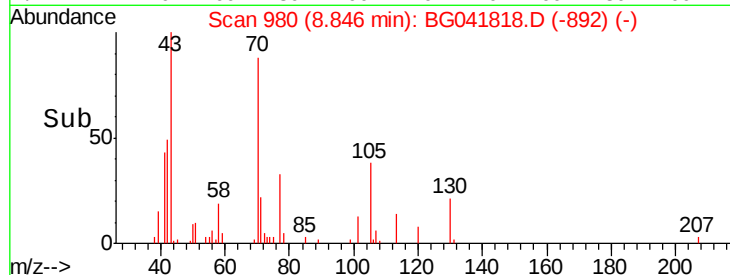
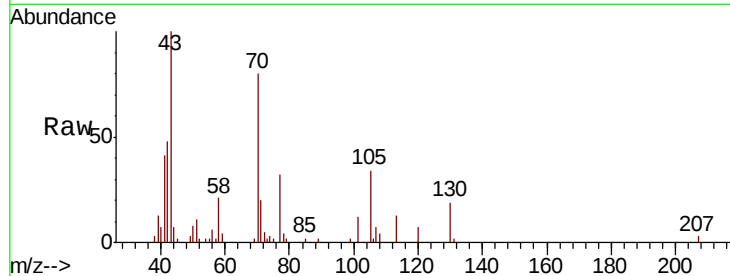
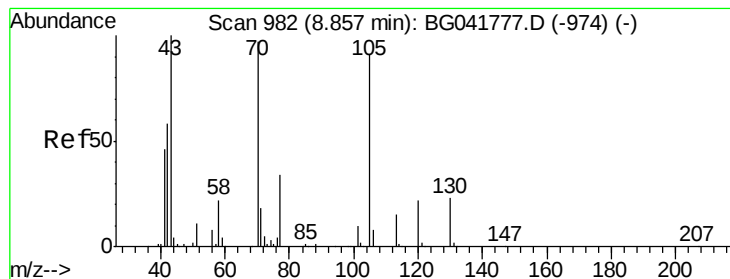
Abundance

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: 3.012 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

Tgt Ion: 70 Resp: 13109

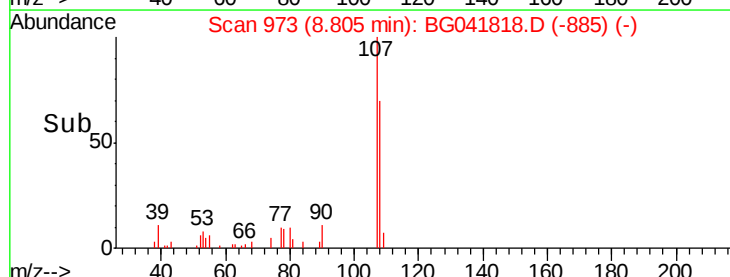
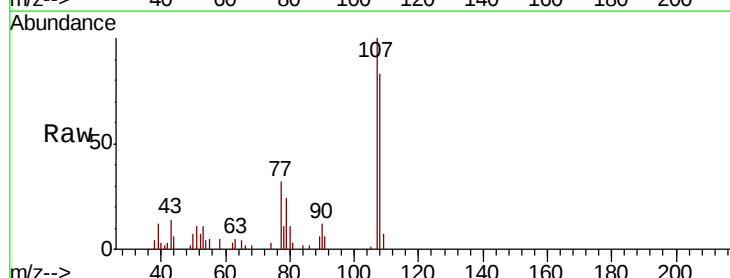
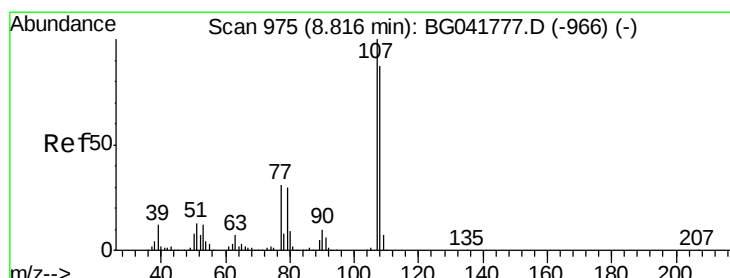
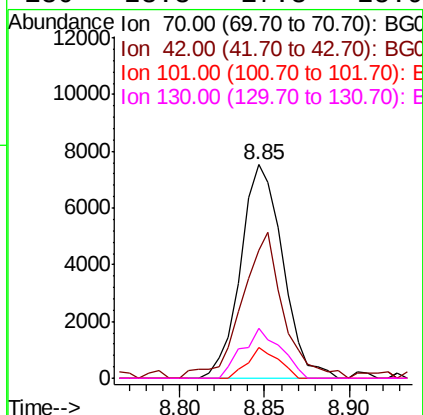
Ion Ratio Lower Upper

70 100

42 59.9 55.8 83.6

101 14.4 8.1 12.1#

130 23.3 17.3 25.9



#20

3+4-Methylphenols

Concen: 3.316 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Tgt Ion: 107 Resp: 20582

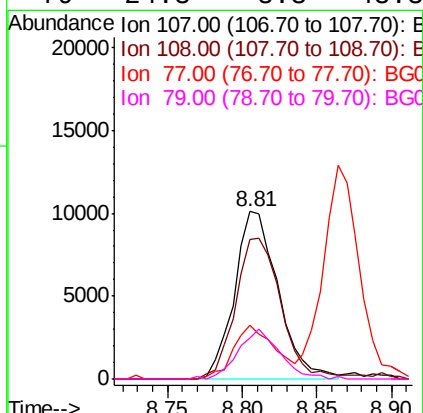
Ion Ratio Lower Upper

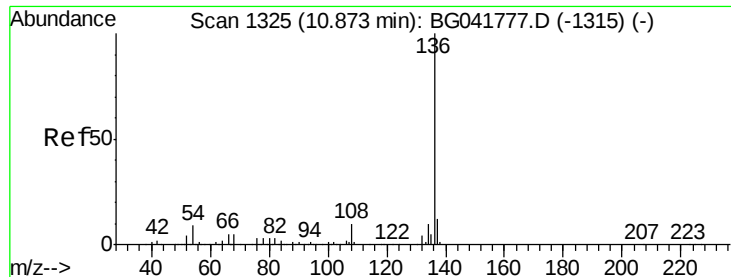
107 100

108 83.3 67.5 107.5

77 32.4 12.3 52.3

79 24.3 8.3 48.3

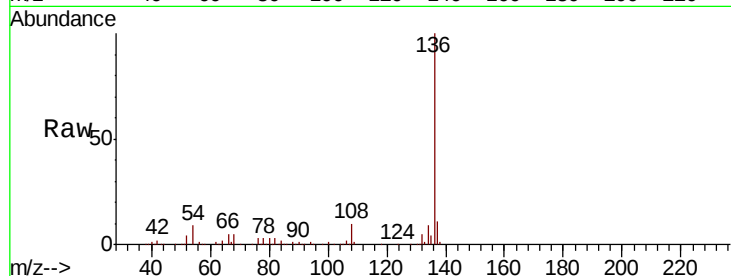




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Instrument :
BNA_G
ClientSampleId :
GW8-20190726

Tgt Ion:	136	Resp:	322261
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.8	8.7	13.1
68	5.3	5.5	8.3#



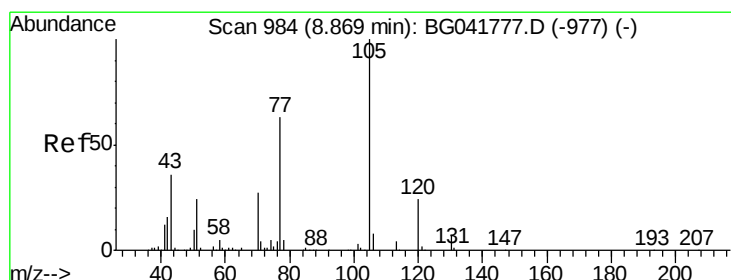
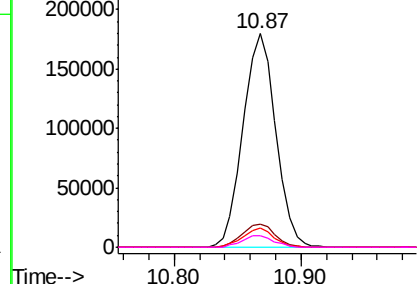
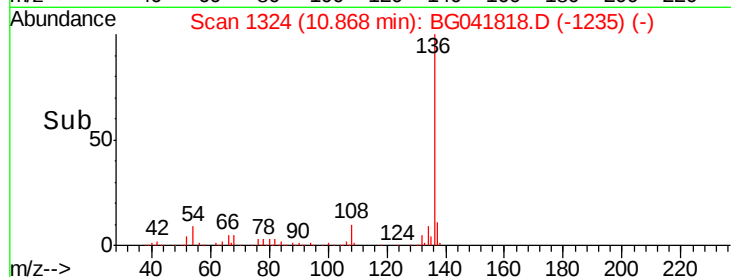
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

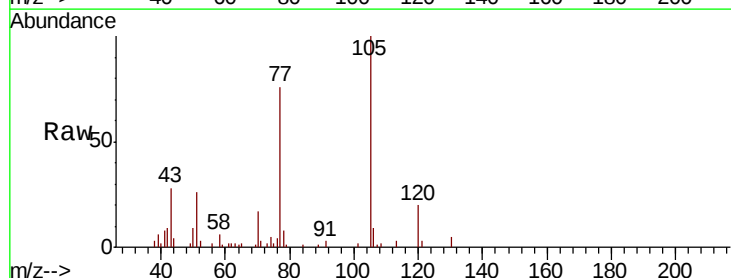
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 4.037 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion:	105	Resp:	29098
Ion	Ratio	Lower	Upper
105	100		
71	2.9	5.9	8.9#
51	26.1	27.7	41.5#
120	19.7	19.3	28.9



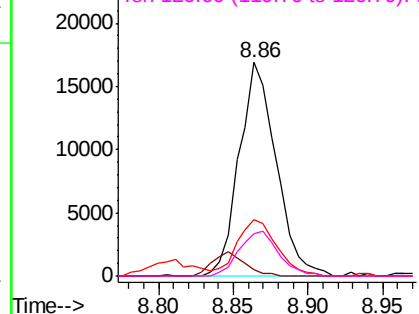
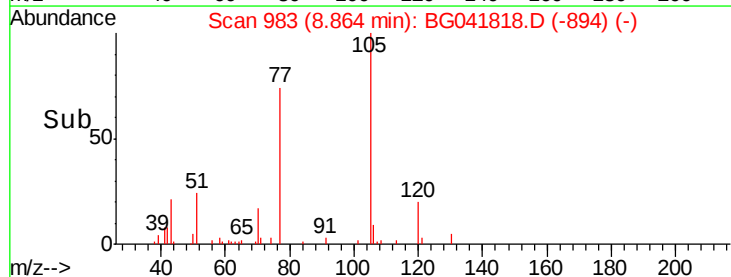
Abundance

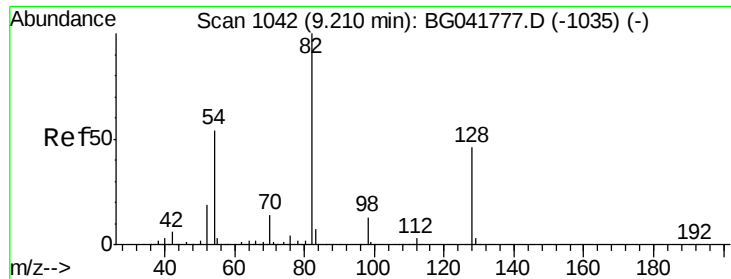
Ion 105.00 (104.70 to 105.70): E

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

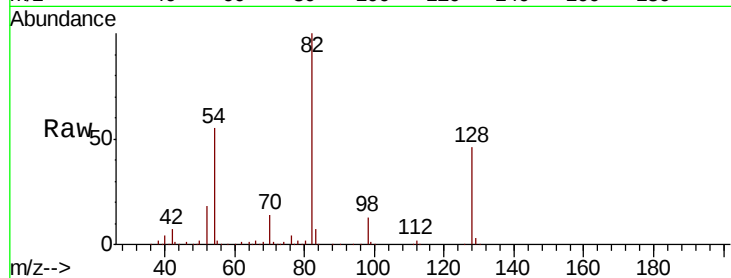




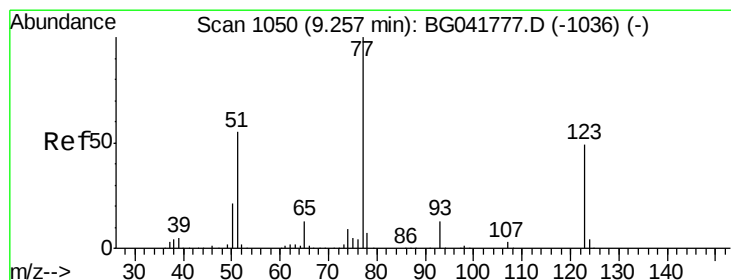
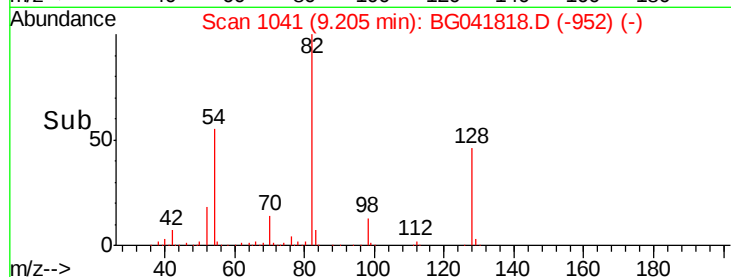
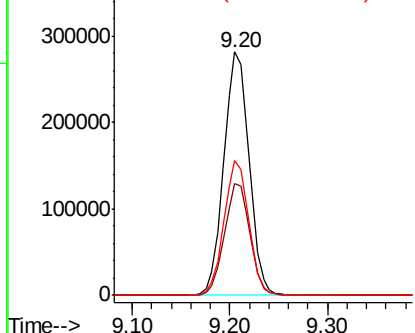
#23
 Nitrobenzene-d5
 Concen: 107.471 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	55.5	48.7	73.1

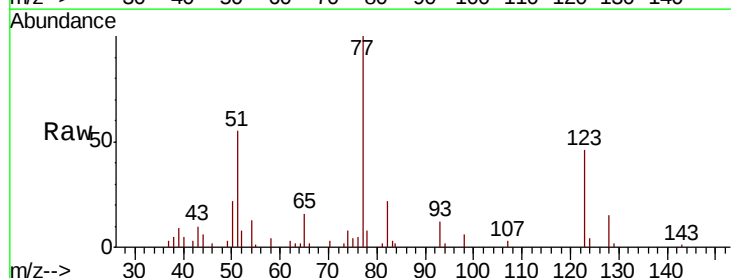


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

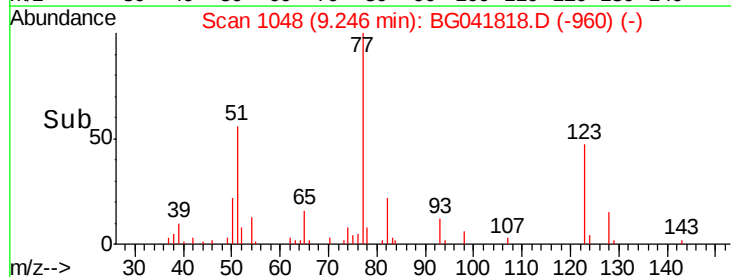
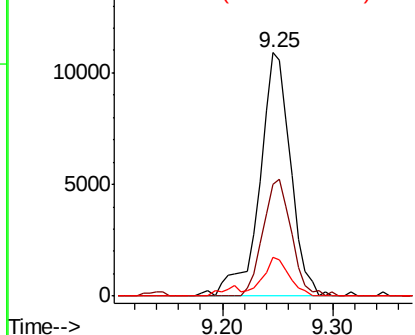


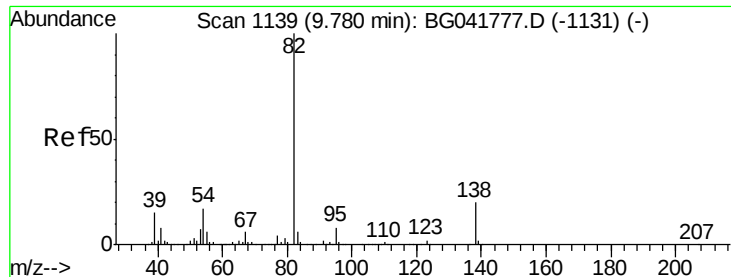
#24
 Nitrobenzene
 Concen: 4.326 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	38.1	57.1
65	15.7	11.0	16.6



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

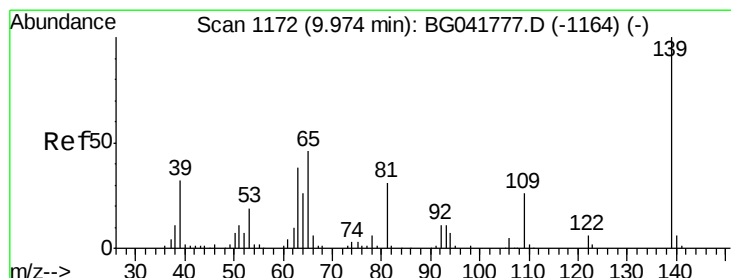
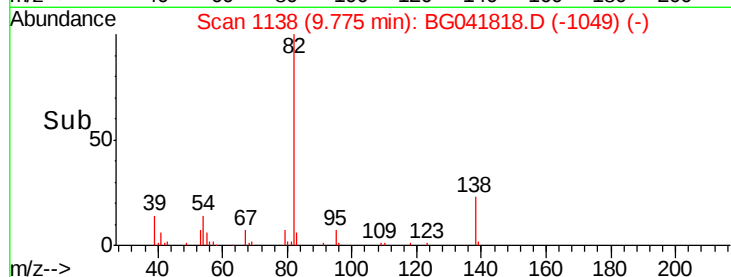
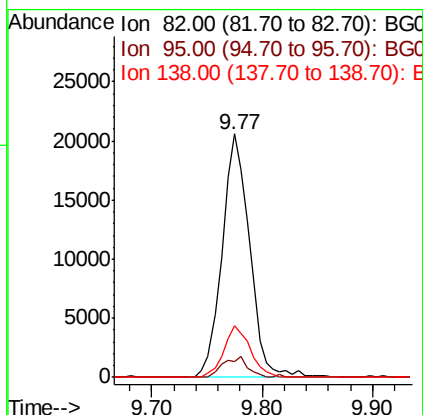
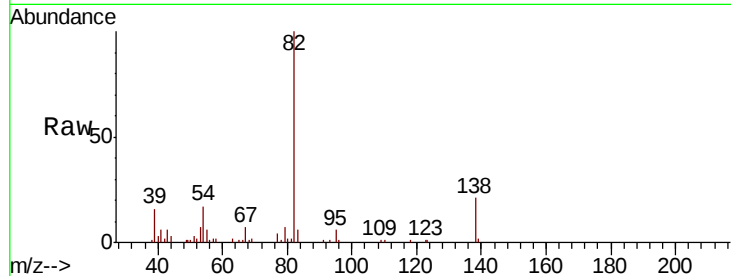




#25
Isophorone
Concen: 3.523 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

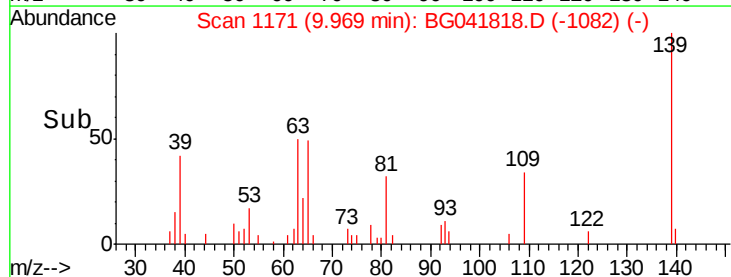
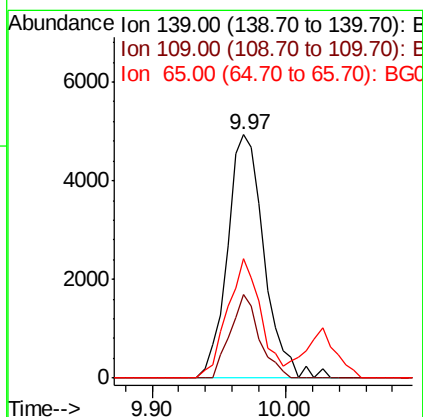
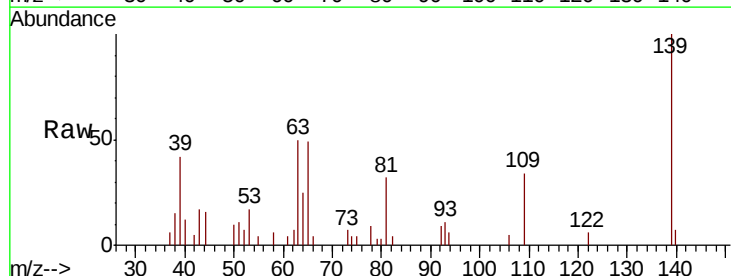
Instrument :
BNA_G
ClientSampleId :
GW8-20190726

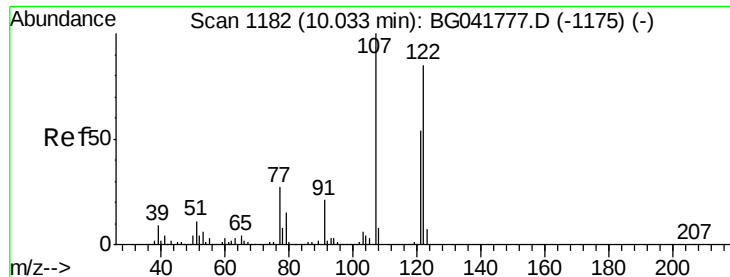
Tgt Ion: 82 Resp: 35891
Ion Ratio Lower Upper
82 100
95 6.3 5.9 8.9
138 21.2 16.3 24.5



#26
2-Nitrophenol
Concen: 4.115 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion: 139 Resp: 9422
Ion Ratio Lower Upper
139 100
109 34.5 22.7 34.1#
65 49.3 41.1 61.7

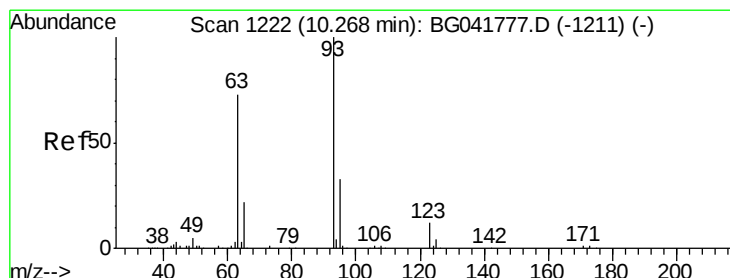
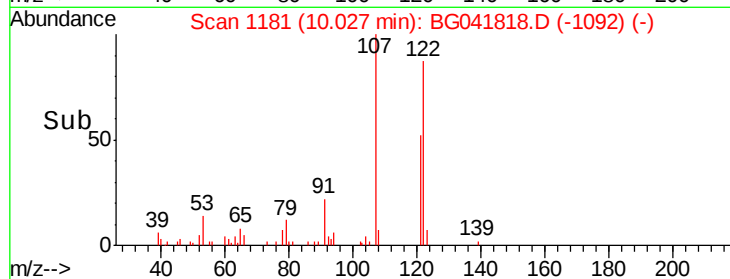
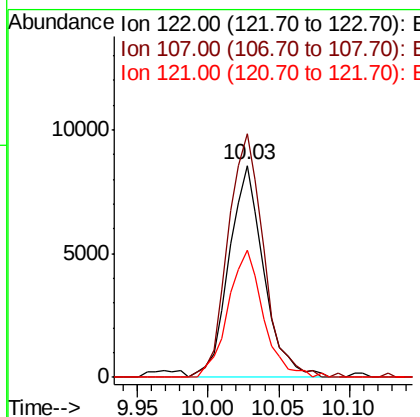
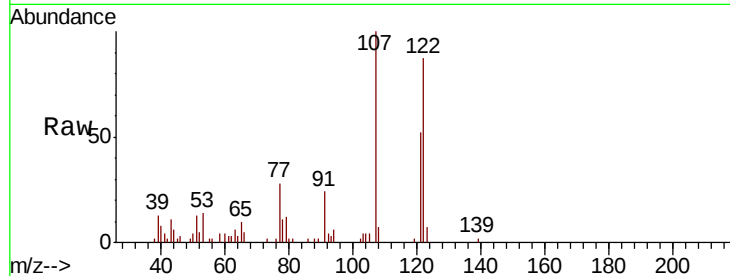




#27
 2,4-Dimethylphenol
 Concen: 3.642 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

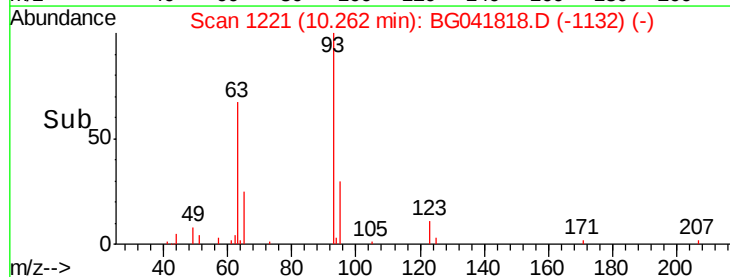
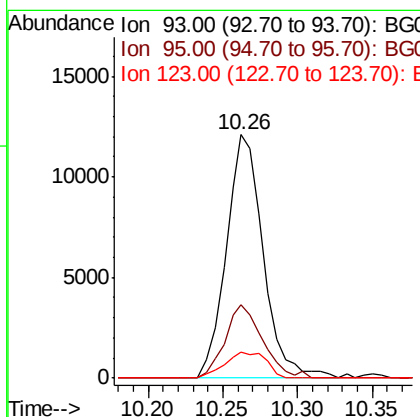
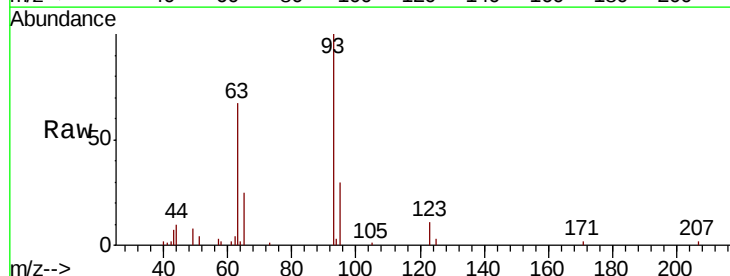
Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

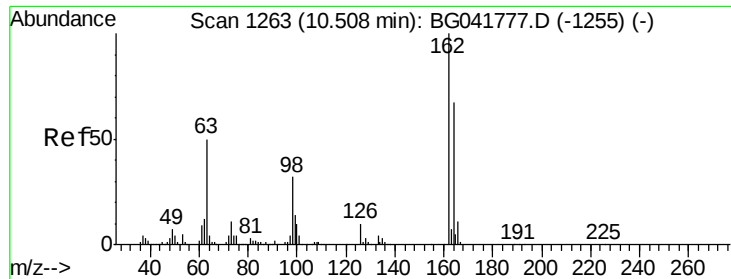
Tgt Ion:122 Resp: 14716
 Ion Ratio Lower Upper
 122 100
 107 115.0 91.3 136.9
 121 59.8 49.2 73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.263 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion: 93 Resp: 20773
 Ion Ratio Lower Upper
 93 100
 95 30.3 26.2 39.4
 123 10.7 9.9 14.9

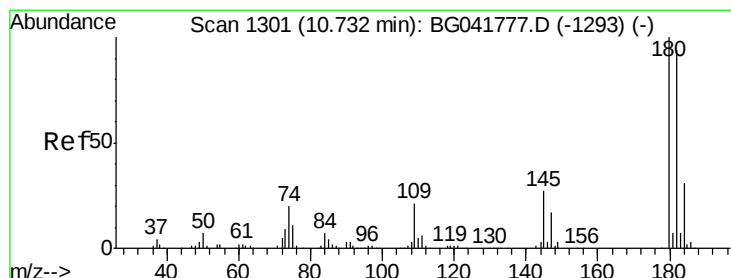
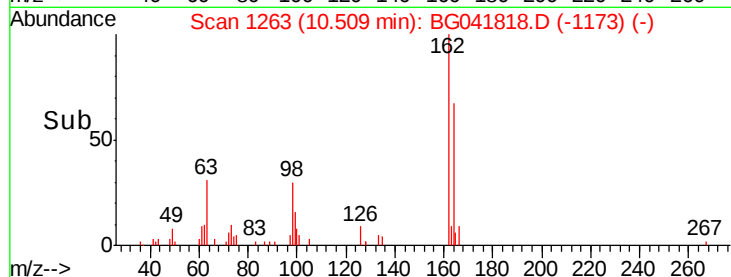
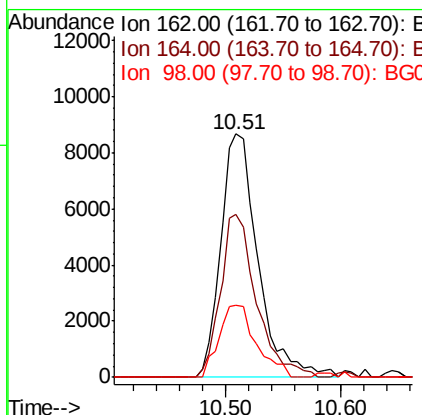
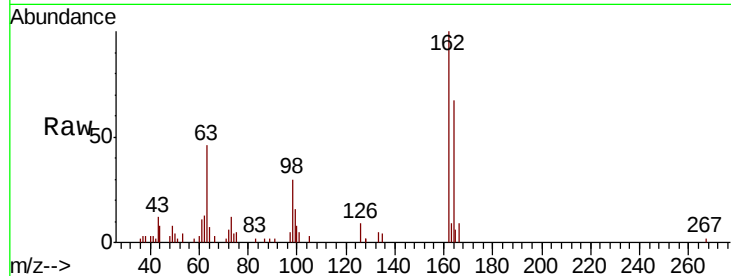




#29
 2,4-Dichlorophenol
 Concen: 3.926 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

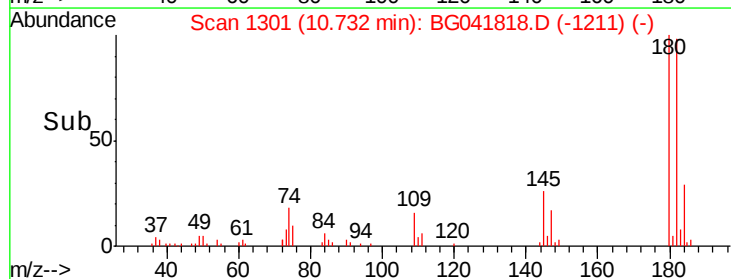
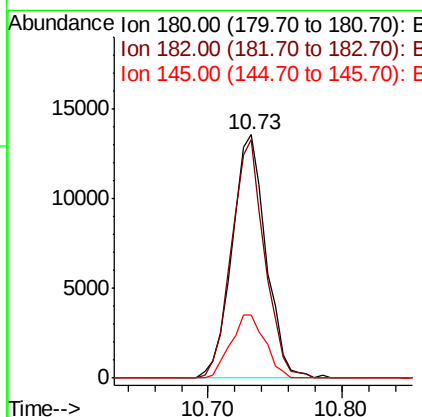
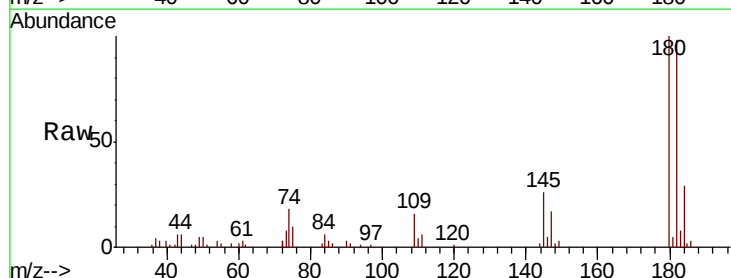
Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

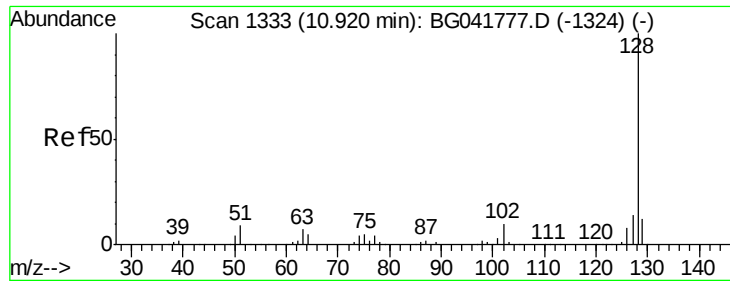
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.9	46.1	86.1
98	29.5	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 3.849 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.2	114.2
145	25.9	23.8	35.8

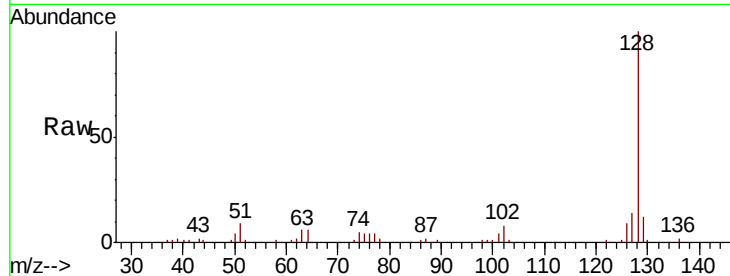




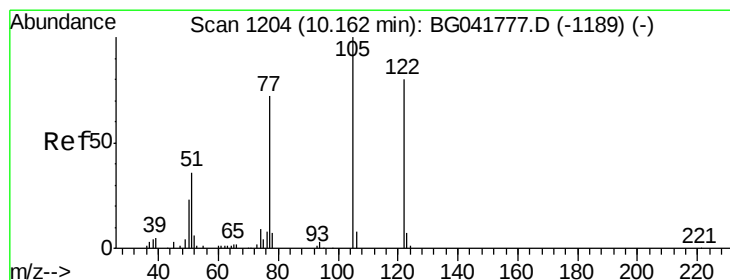
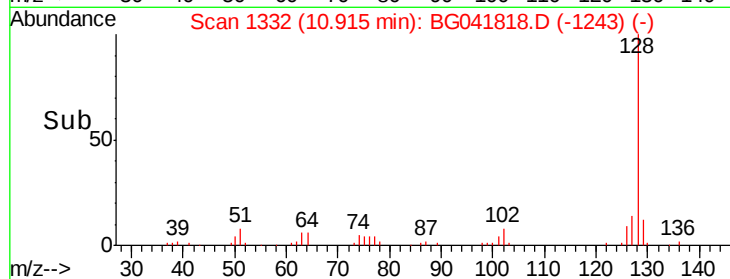
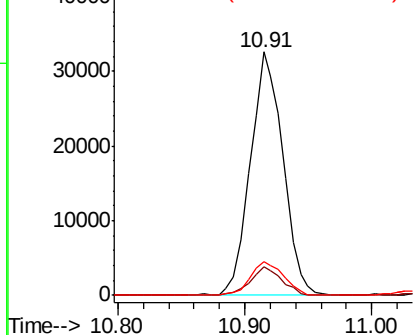
#31
Naphthalene
Concen: 3.947 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Instrument :
BNA_G
ClientSampleId :
GW8-20190726

Tgt Ion:128 Resp: 58213
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 13.8 12.3 18.5

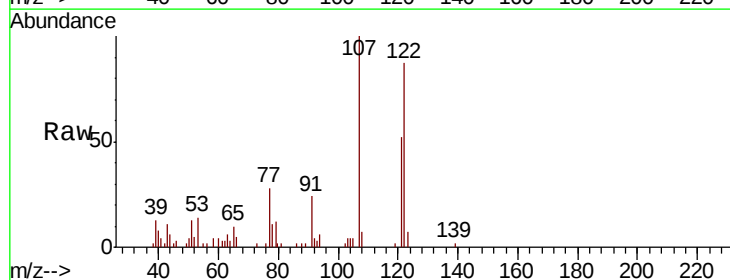


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

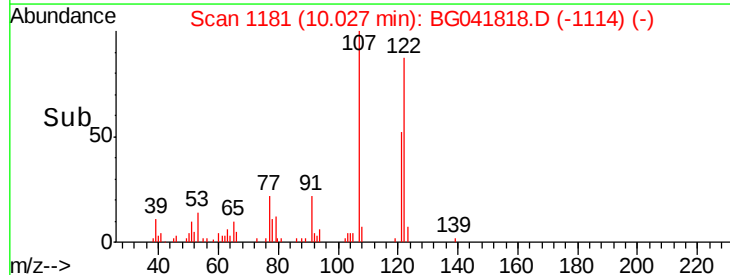
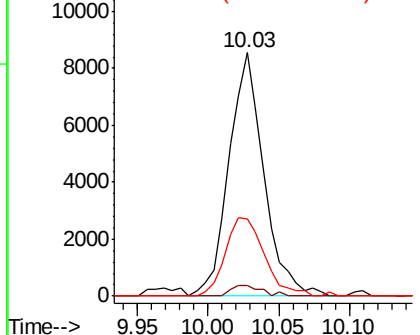


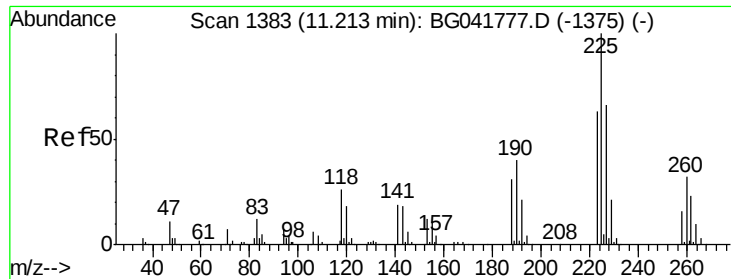
#32
Benzoic acid
Concen: 12.899 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.13 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion:122 Resp: 14716
Ion Ratio Lower Upper
122 100
105 4.5 101.5 141.5#
77 31.7 73.0 113.0#



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

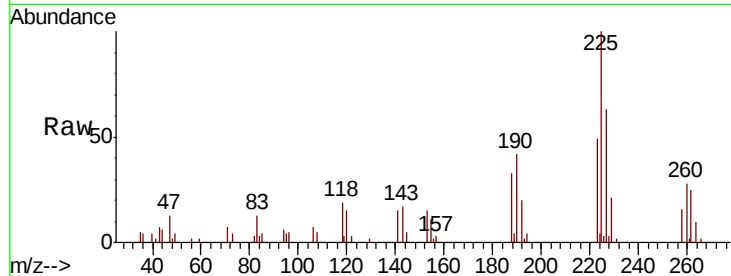




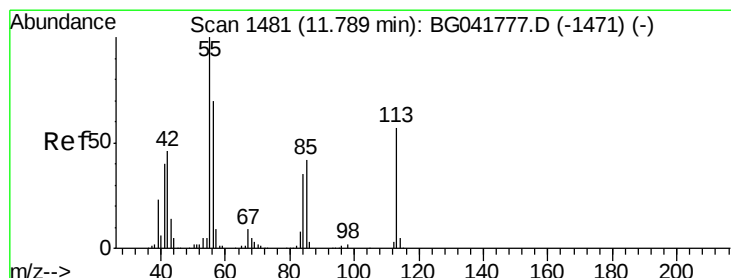
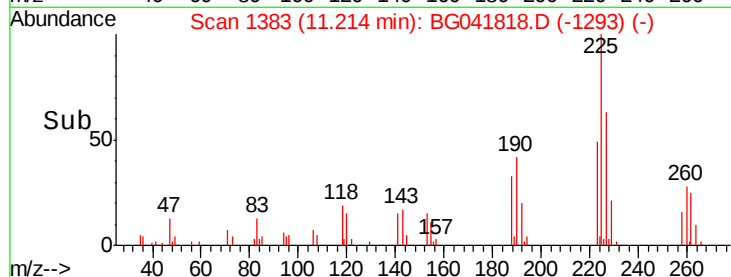
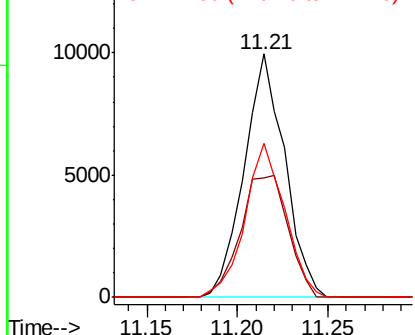
#34
Hexachlorobutadiene
Concen: 3.685 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Instrument :
BNA_G
ClientSampleId :
GW8-20190726

Tgt Ion: 225 Resp: 15522
Ion Ratio Lower Upper
225 100
223 49.1 51.1 76.7#
227 63.0 50.9 76.3

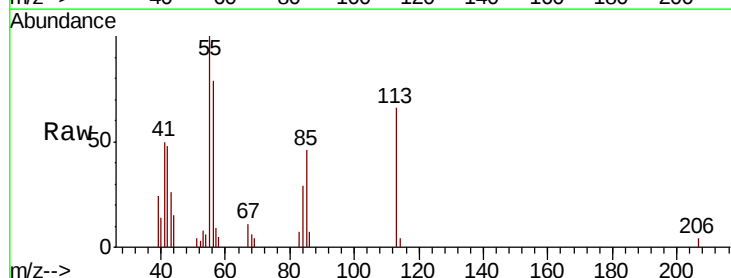


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

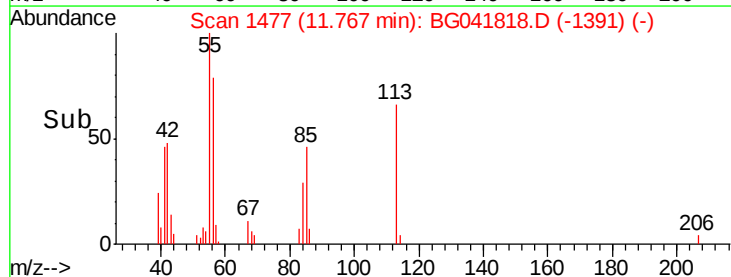
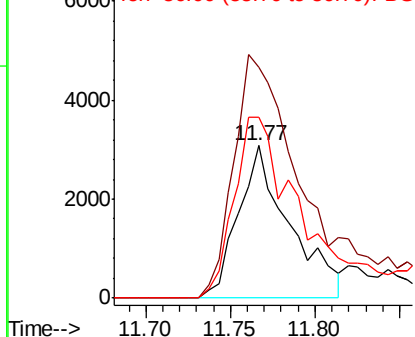


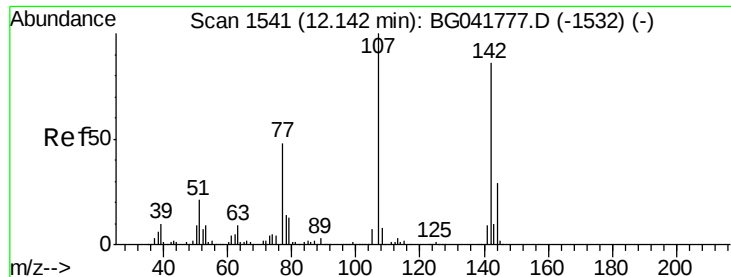
#35
Caprolactam
Concen: 3.803 ng
RT: 11.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion: 113 Resp: 6504
Ion Ratio Lower Upper
113 100
55 151.3 199.4 239.4#
56 118.8 133.6 173.6#



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

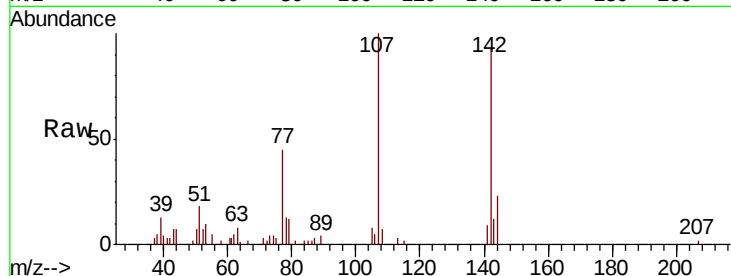




#36
 4-Chloro-3-methylphenol
 Concen: 4.042 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	22.2	33.2
142	93.2	67.3	100.9

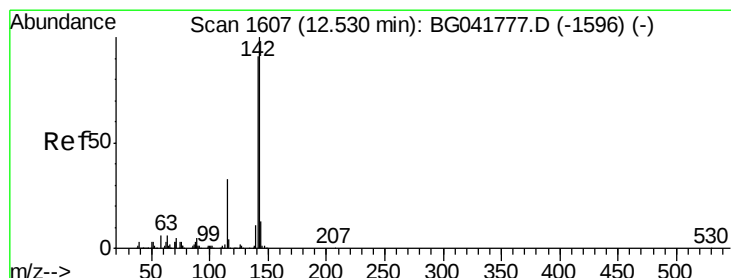
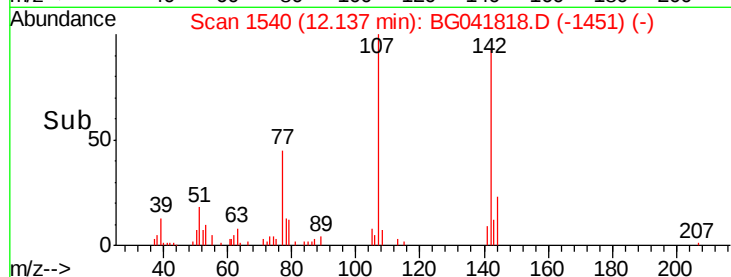
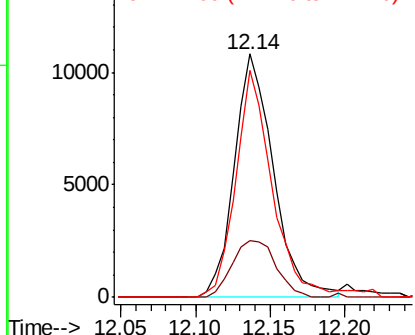


Abundance

Ion 107.00 (106.70 to 107.70): E

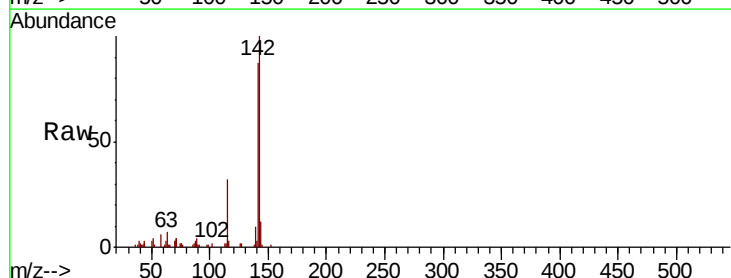
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 3.716 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.7	109.1
115	32.3	27.0	40.4

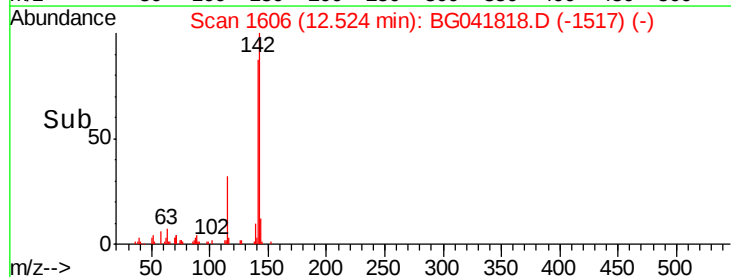
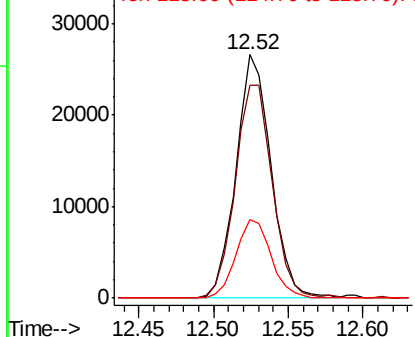


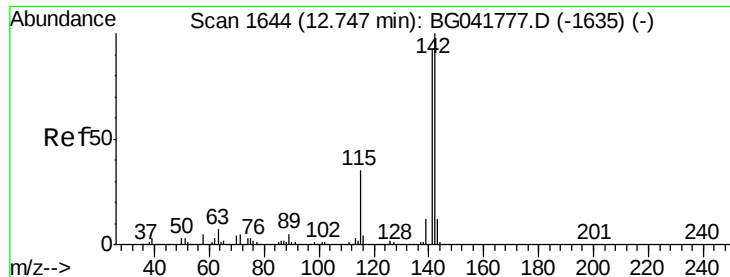
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

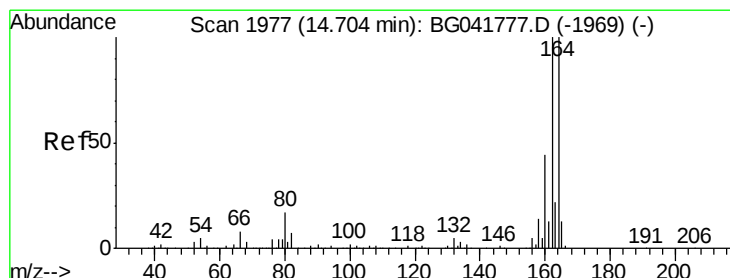
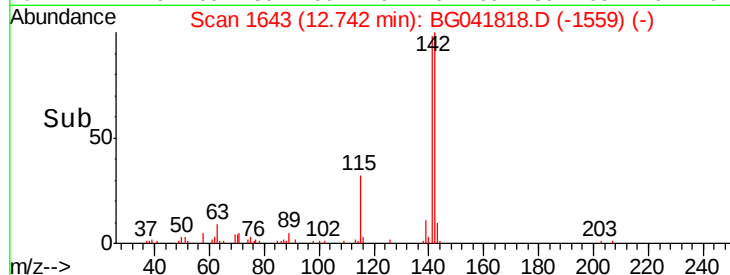
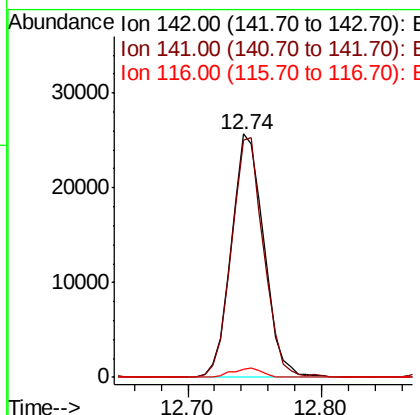
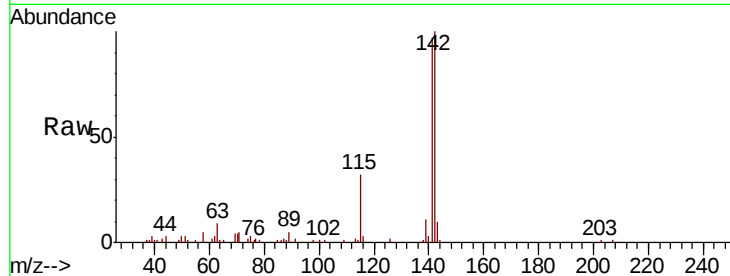




#38
1-Methylnaphthalene
Concen: 3.936 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

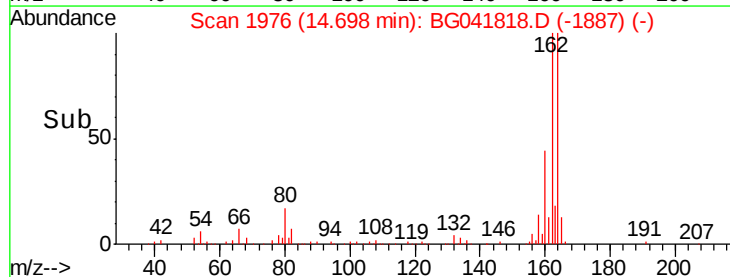
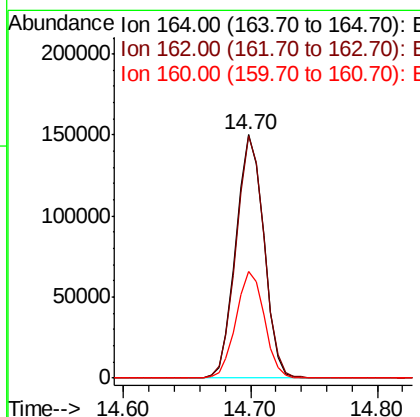
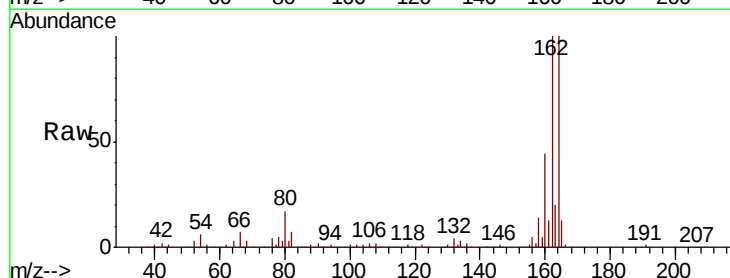
Instrument :
BNA_G
ClientSampleId :
GW8-20190726

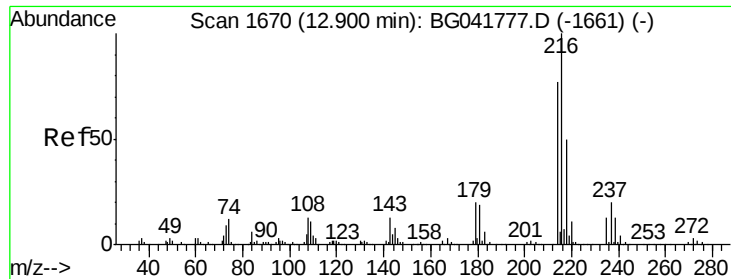
Tgt Ion:142 Resp: 43542
Ion Ratio Lower Upper
142 100
141 97.4 75.4 113.2
116 3.5 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion:164 Resp: 229231
Ion Ratio Lower Upper
164 100
162 99.6 79.6 119.4
160 43.9 35.4 53.0

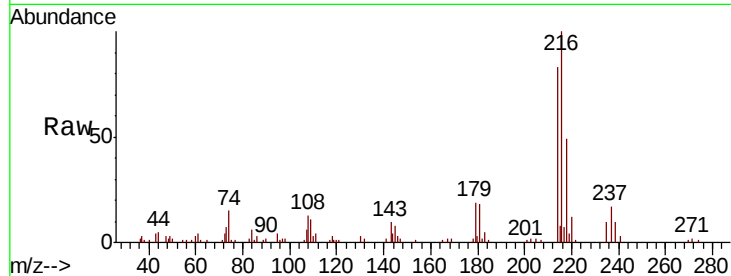




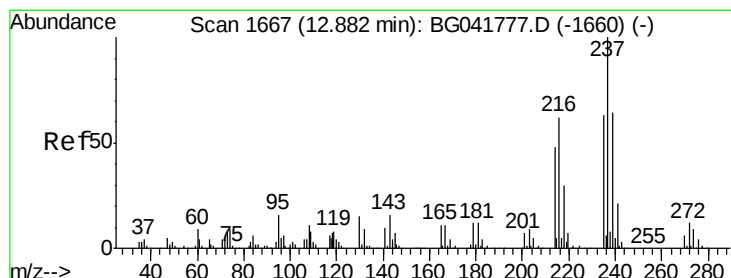
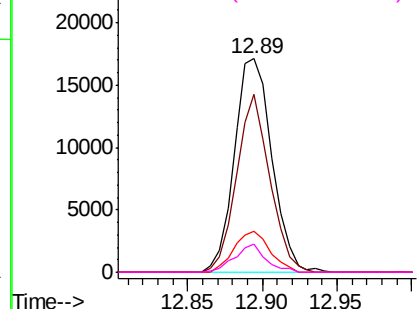
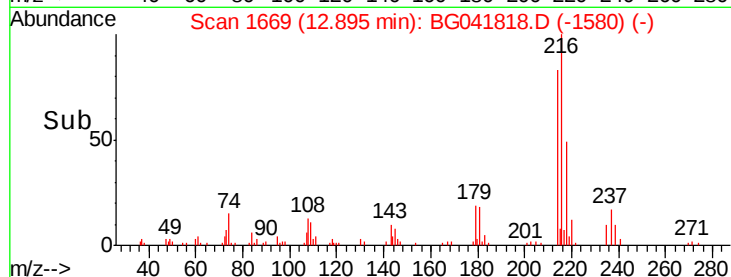
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.136 ng
 RT: 12.89 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

Tgt Ion: 216 Resp: 30013
 Ion Ratio Lower Upper
 216 100
 214 73.4 61.5 92.3
 179 18.2 16.2 24.2
 108 11.0 13.2 19.8#

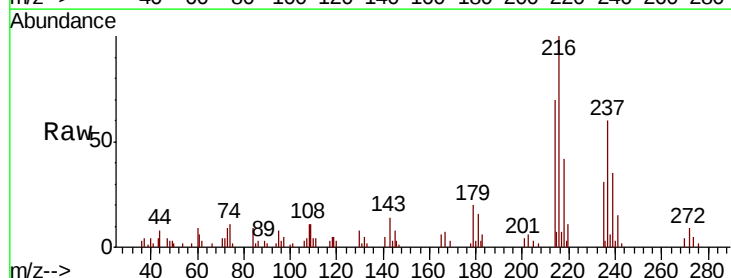


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

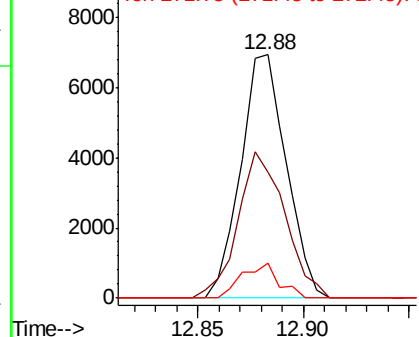
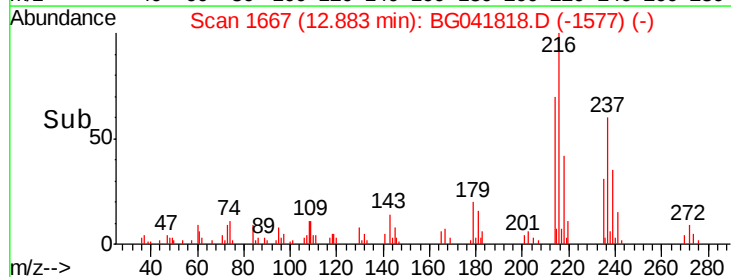


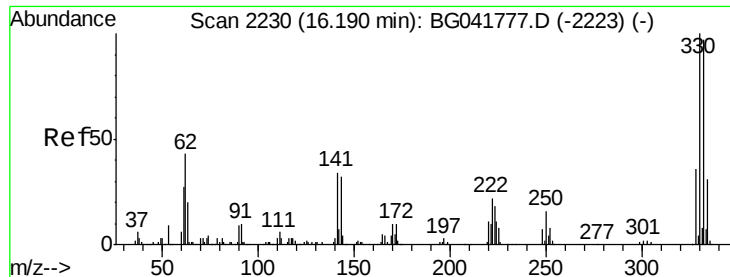
#41
 Hexachlorocyclopentadiene
 Concen: 2.541 ng
 RT: 12.88 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion: 237 Resp: 10365
 Ion Ratio Lower Upper
 237 100
 235 51.5 43.5 83.5
 272 14.4 0.0 31.2



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

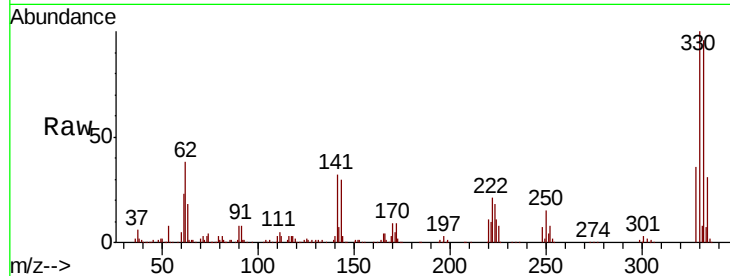




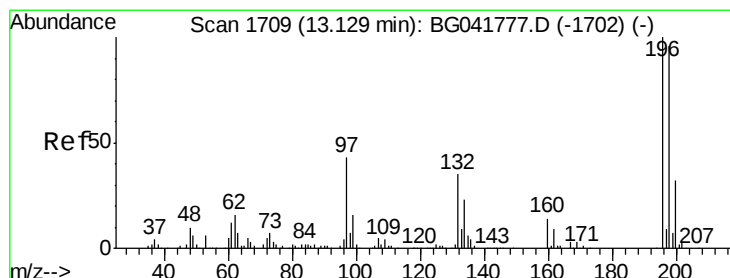
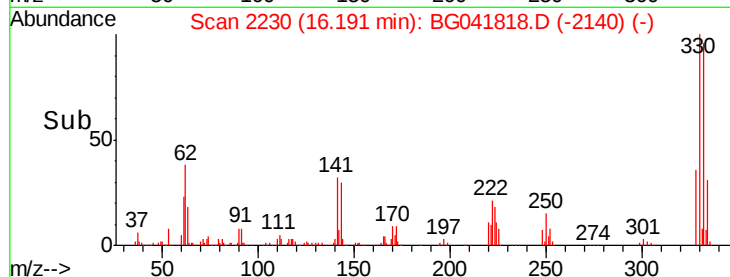
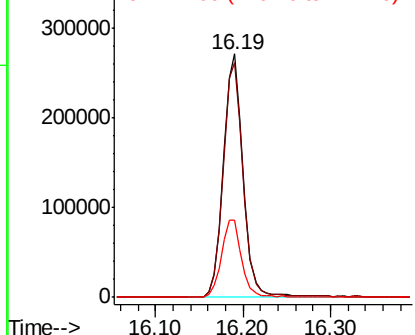
#42
 2,4,6-Tribromophenol
 Concen: 163.078 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

Tgt Ion:330 Resp: 424614
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 32.6 31.9 47.9

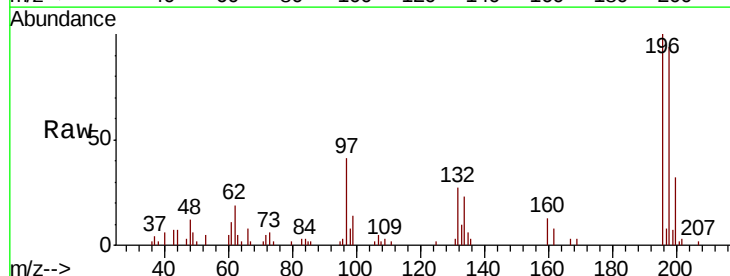


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

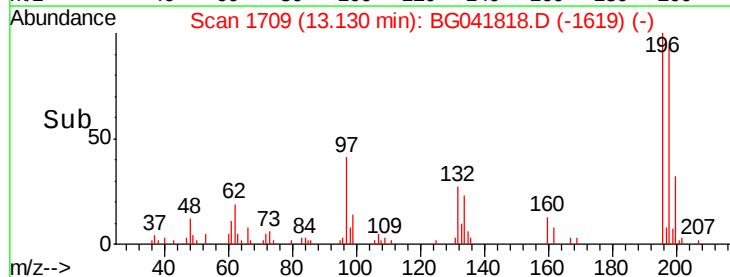
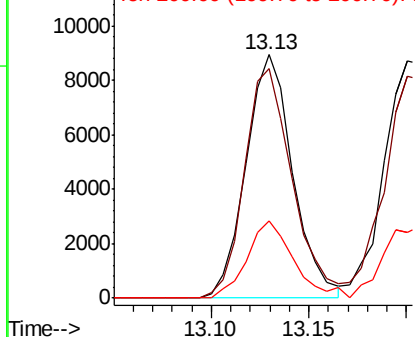


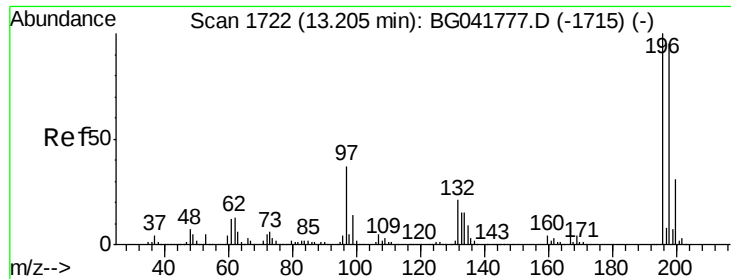
#43
 2,4,6-Trichlorophenol
 Concen: 3.241 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion:196 Resp: 14863
 Ion Ratio Lower Upper
 196 100
 198 94.1 79.6 119.4
 200 31.5 25.2 37.8



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

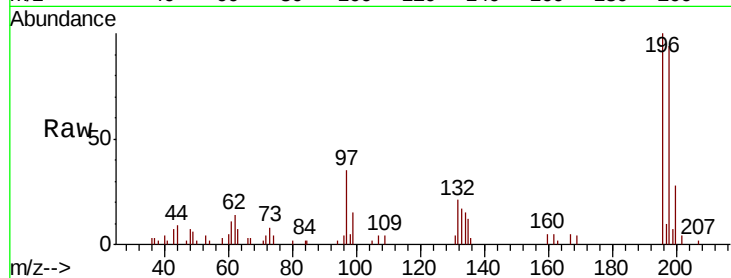




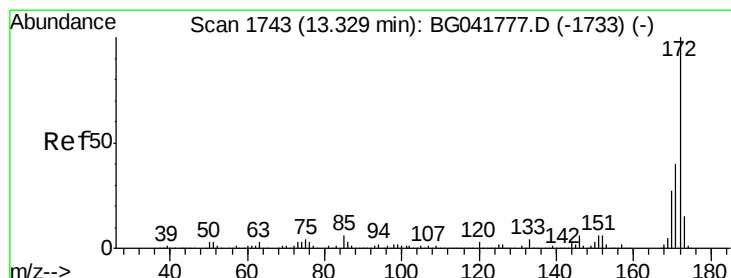
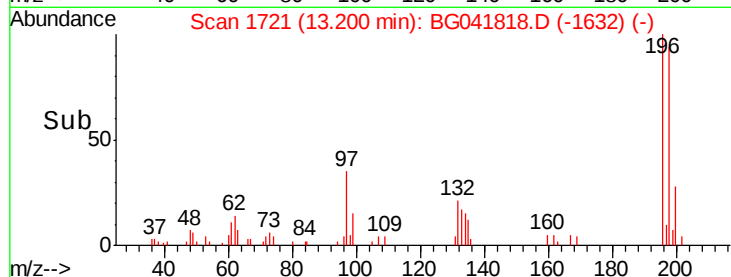
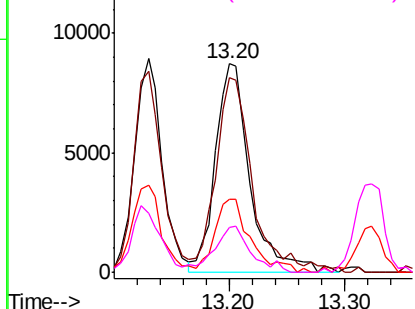
#44
 2,4,5-Trichlorophenol
 Concen: 3.806 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

Tgt Ion:	196	Resp:	18141
Ion	Ratio	Lower	Upper
196	100		
198	93.6	80.6	121.0
97	35.1	33.9	50.9
132	21.3	20.2	30.2

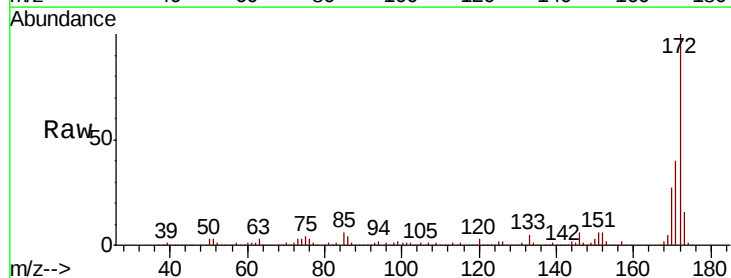


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

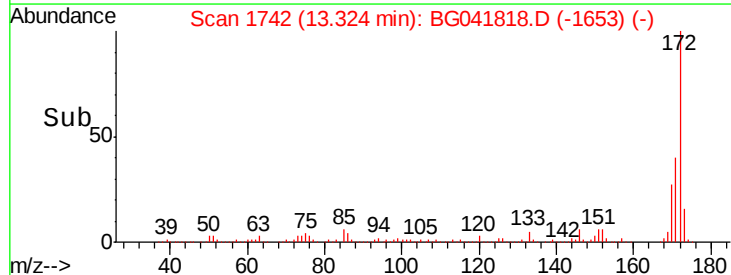
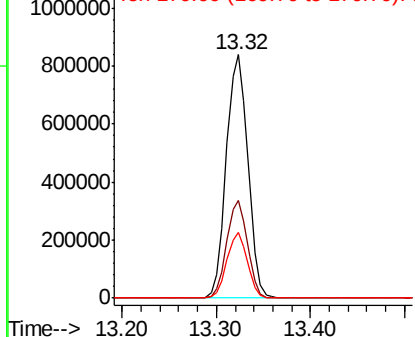


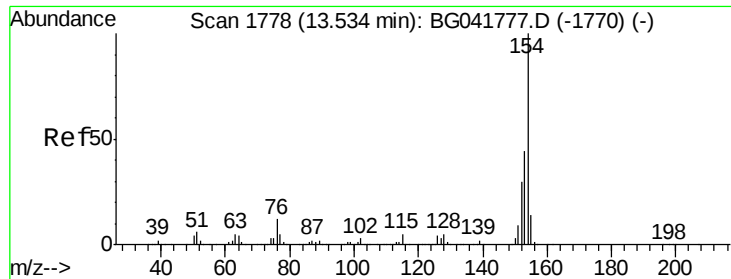
#45
 2-Fluorobiphenyl
 Concen: 102.457 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion:	172	Resp:	1331637
Ion	Ratio	Lower	Upper
172	100		
171	40.2	35.0	52.4
170	26.8	23.5	35.3



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

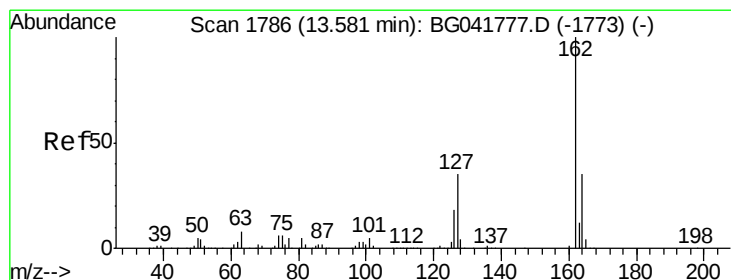
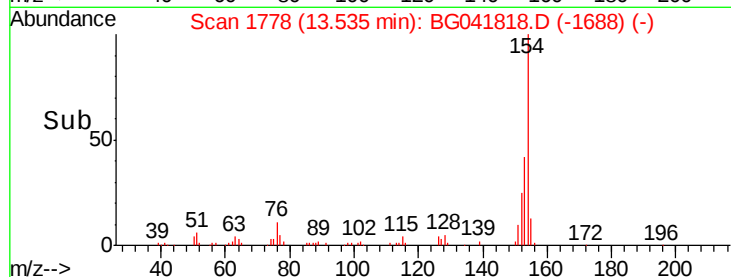
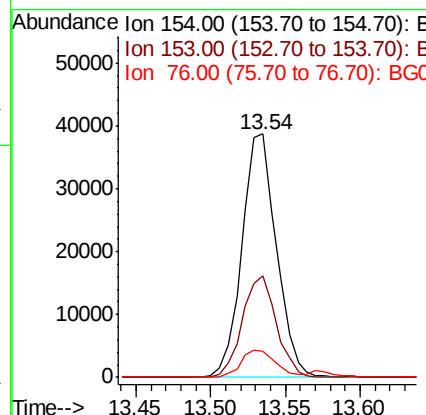
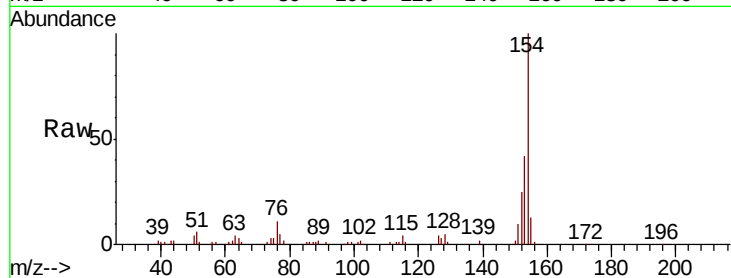




#46
 1,1'-Biphenyl
 Concen: 4.183 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

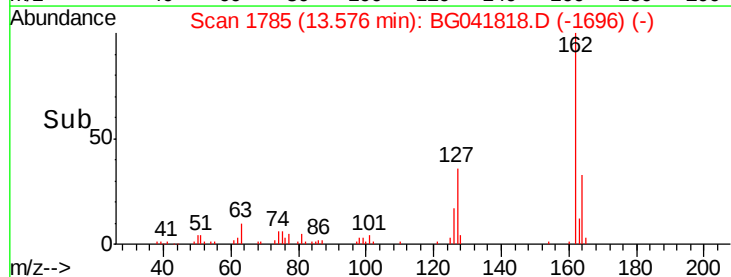
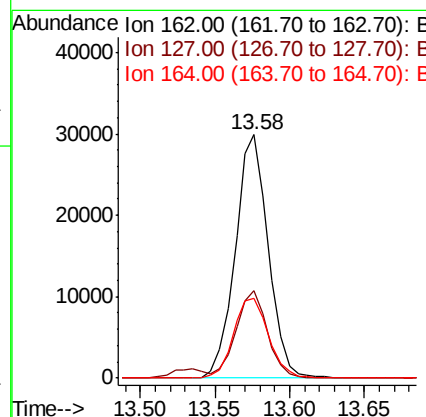
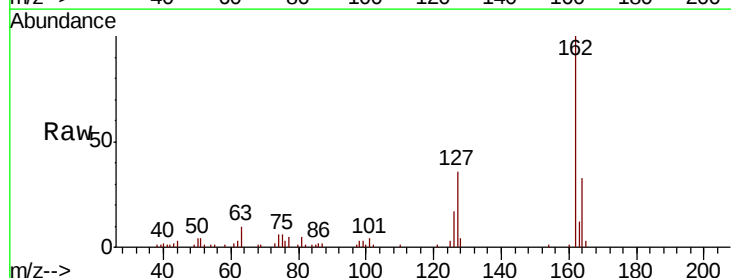
Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

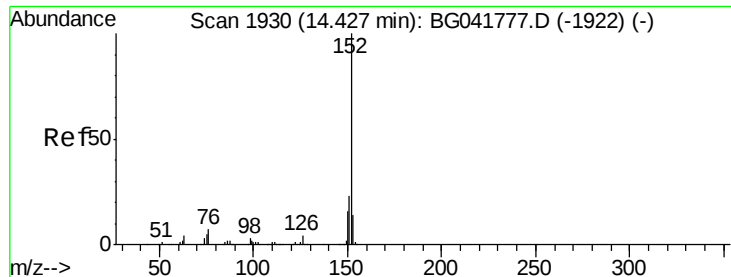
Tgt Ion:154 Resp: 61643
 Ion Ratio Lower Upper
 154 100
 153 41.6 25.0 65.0
 76 10.6 0.0 34.5



#47
 2-Chloronaphthalene
 Concen: 3.661 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion:162 Resp: 45932
 Ion Ratio Lower Upper
 162 100
 127 36.1 30.4 45.6
 164 32.8 28.6 42.8





#49

Acenaphthylene

Concen: 4.092 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

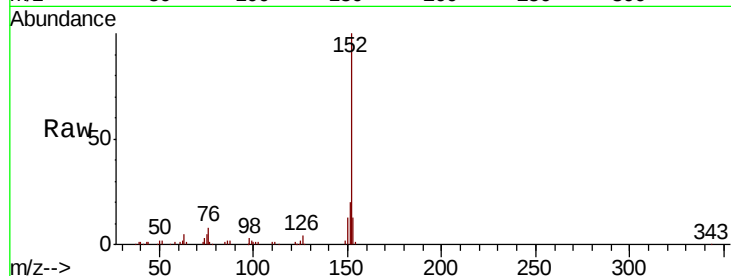
Tgt Ion:152 Resp: 76792

Ion Ratio Lower Upper

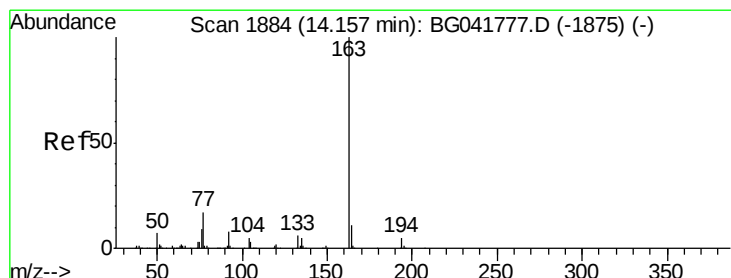
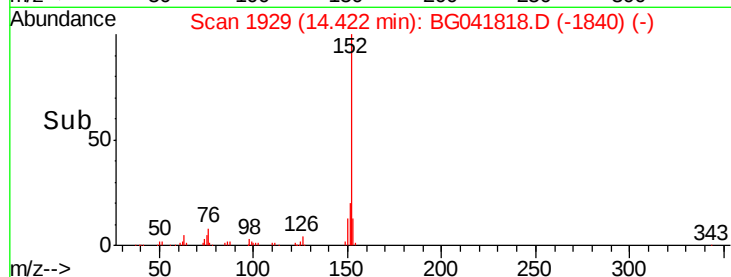
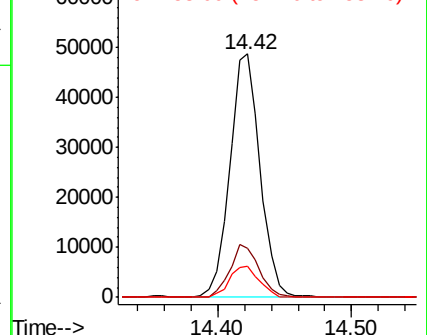
152 100

151 19.9 18.7 28.1

153 12.7 12.4 18.6



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: 8.289 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

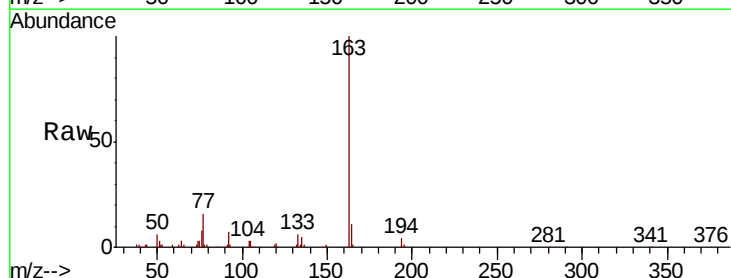
Tgt Ion:163 Resp: 129762

Ion Ratio Lower Upper

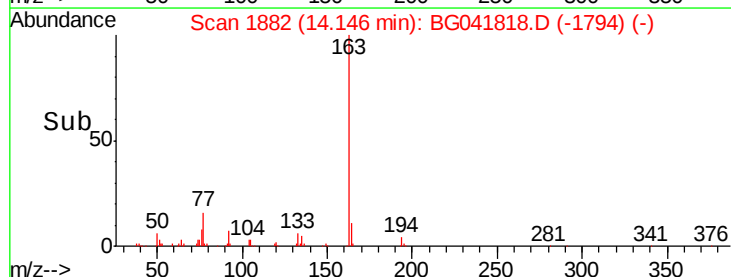
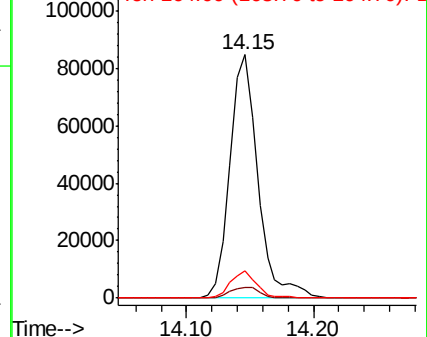
163 100

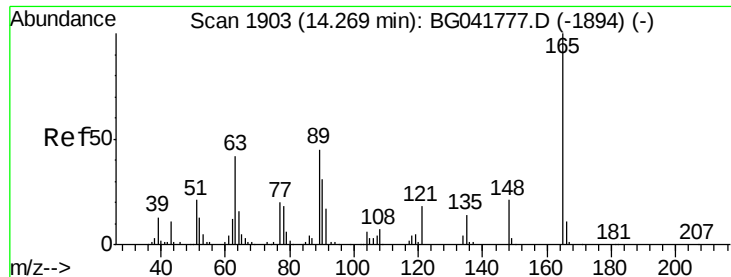
194 4.3 4.2 6.2

164 11.0 9.4 14.2



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

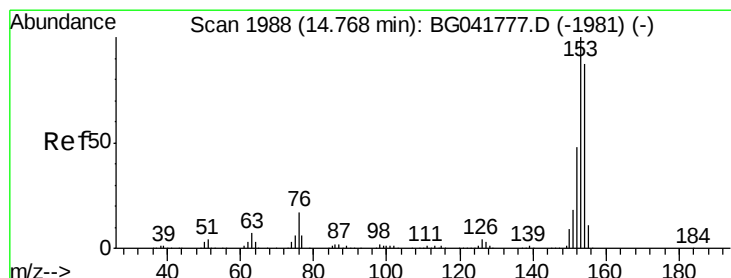
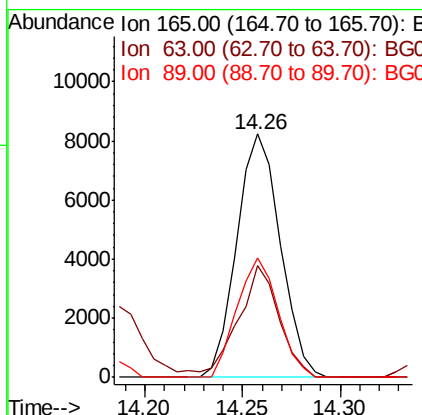
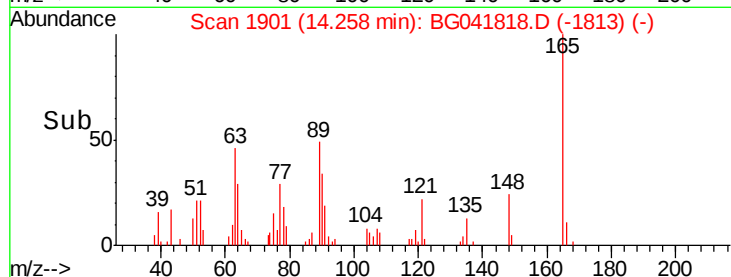
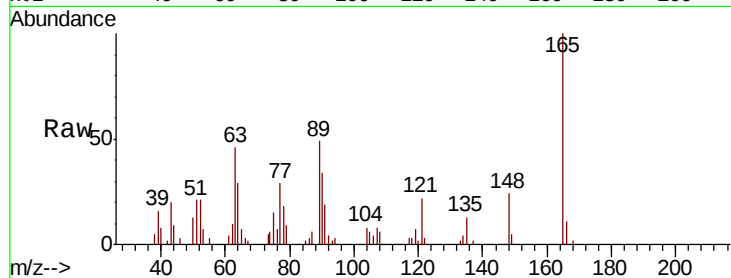




#51
 2,6-Dinitrotoluene
 Concen: 3.873 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

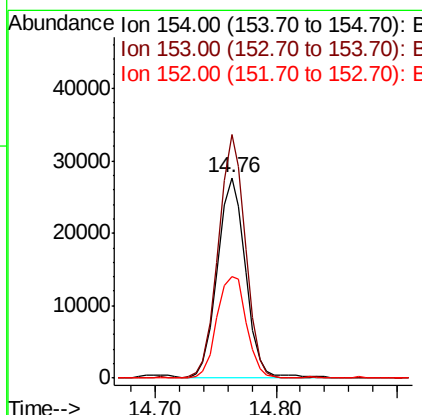
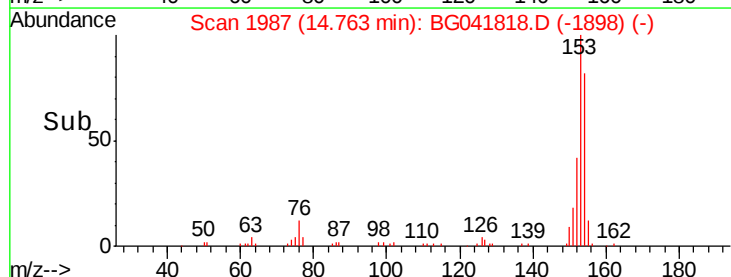
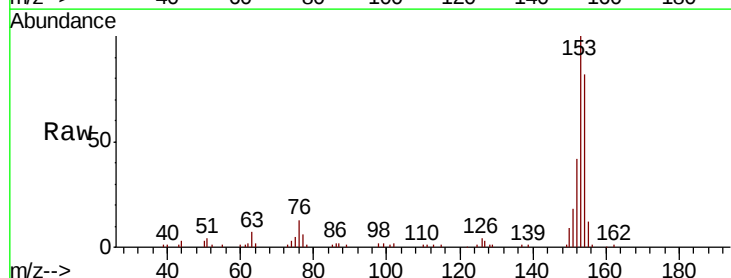
Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

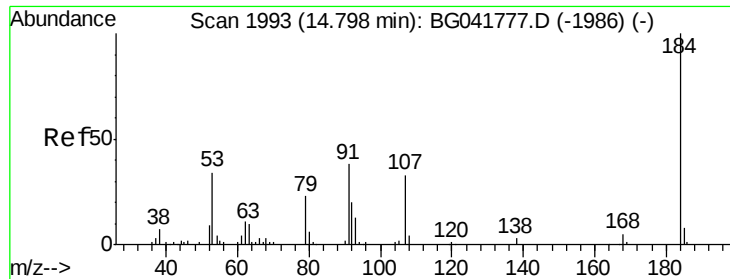
Tgt Ion:165 Resp: 12677
 Ion Ratio Lower Upper
 165 100
 63 46.0 42.4 63.6
 89 49.3 42.1 63.1



#52
 Acenaphthene
 Concen: 3.659 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion:154 Resp: 44662
 Ion Ratio Lower Upper
 154 100
 153 121.4 89.8 134.6
 152 50.9 44.9 67.3

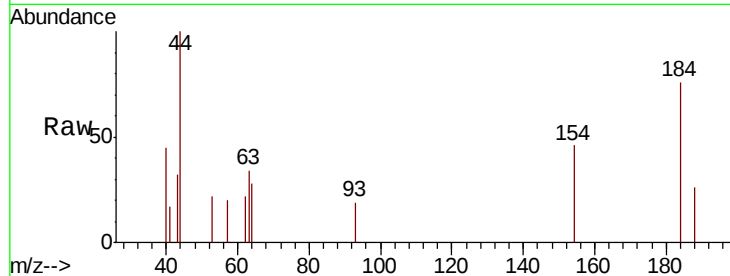




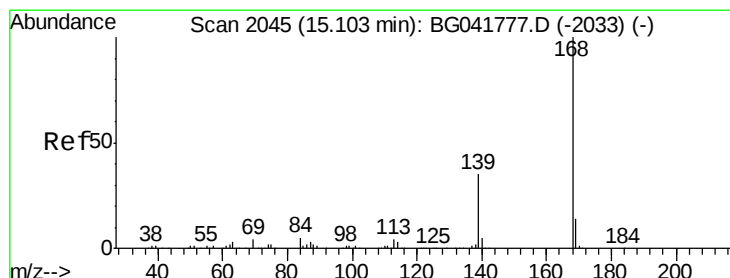
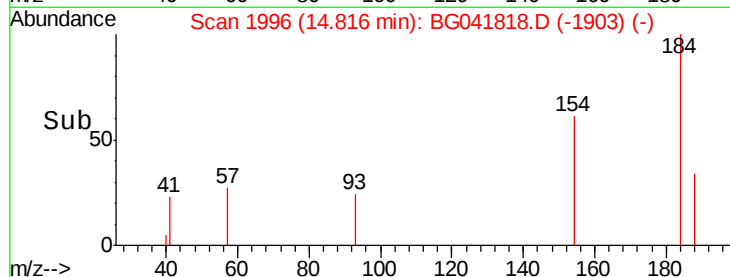
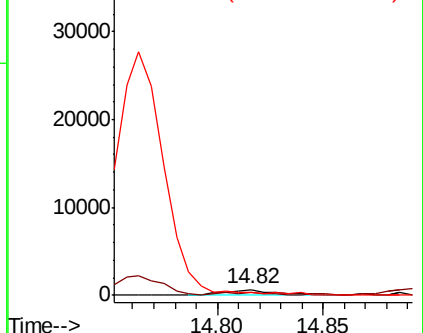
#54
2,4-Dinitrophenol
Concen: 4.002 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Instrument :
BNA_G
ClientSampleId :
GW8-20190726

Tgt Ion:184 Resp: 1063
Ion Ratio Lower Upper
184 100
63 44.9 43.2 64.8
154 60.9 51.4 77.2

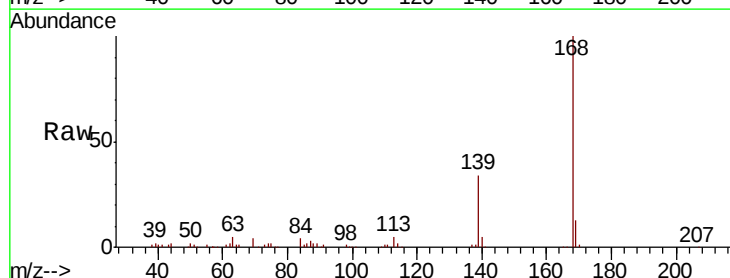


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

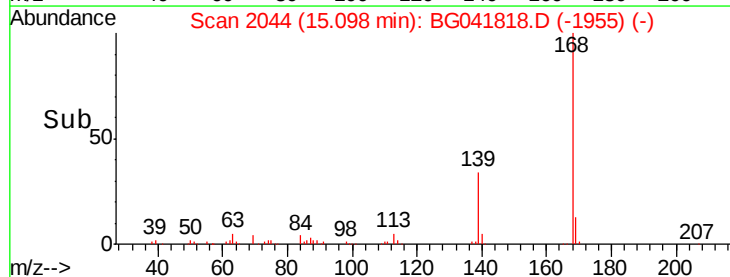
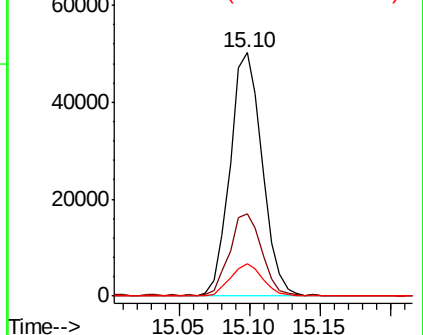


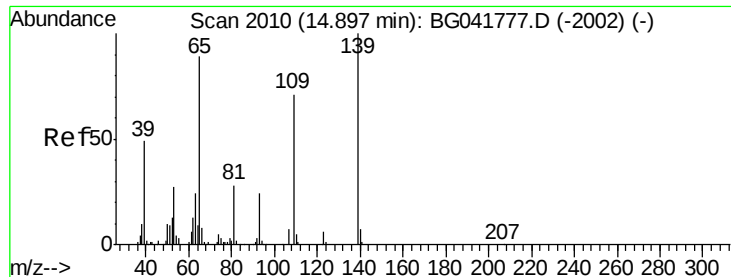
#55
Dibenzofuran
Concen: 4.251 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion:168 Resp: 79365
Ion Ratio Lower Upper
168 100
139 33.6 31.9 47.9
169 13.3 12.5 18.7



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

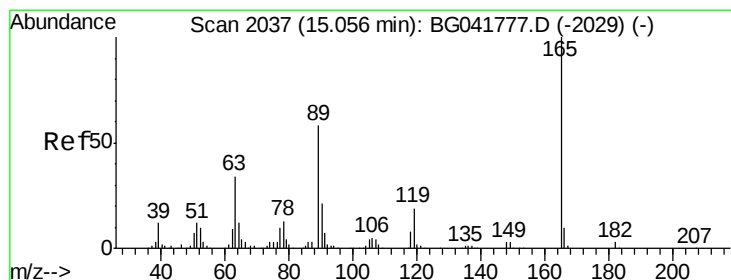
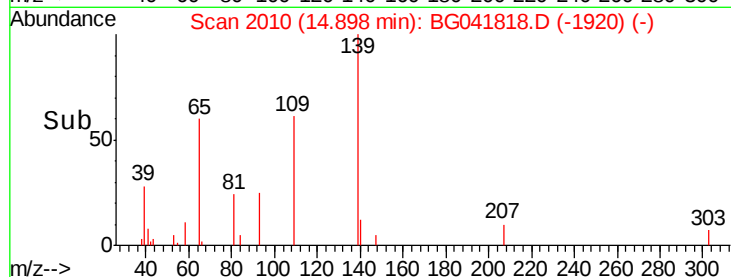
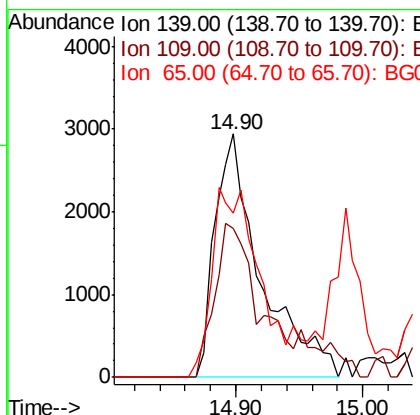
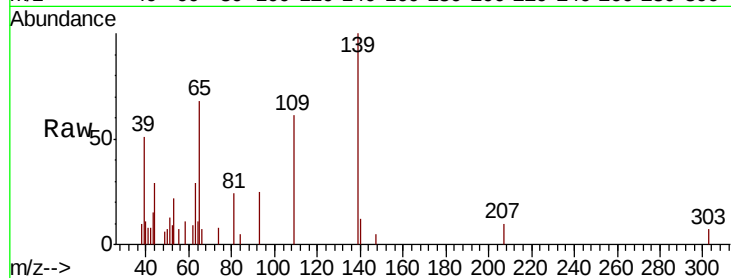




#56
4-Nitrophenol
Concen: 2.775 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

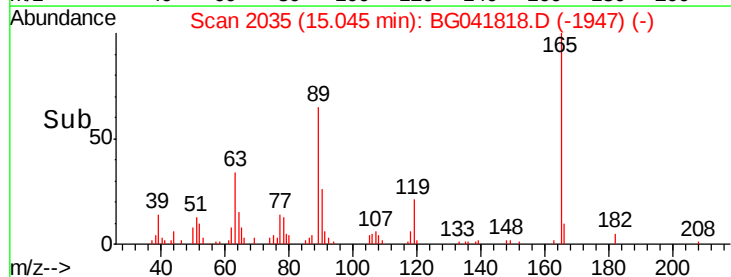
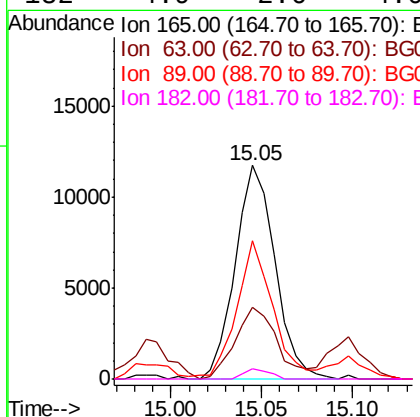
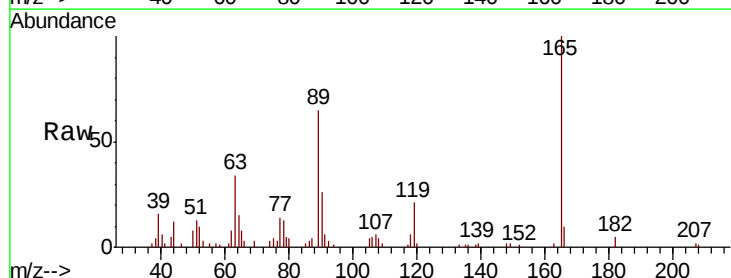
Instrument :
BNA_G
ClientSampleId :
GW8-20190726

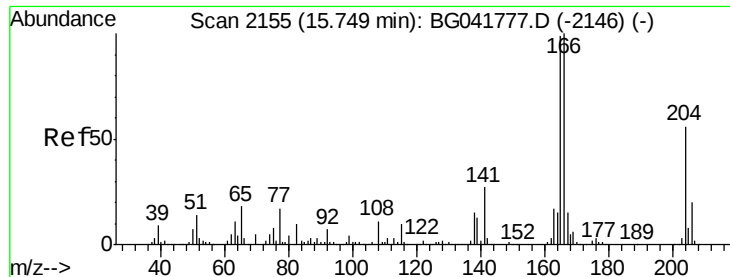
Tgt Ion:139 Resp: 7377
Ion Ratio Lower Upper
139 100
109 61.1 51.3 91.3
65 67.6 77.6 117.6#



#57
2,4-Dinitrotoluene
Concen: 3.974 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion:165 Resp: 17890
Ion Ratio Lower Upper
165 100
63 33.7 31.7 47.5
89 64.7 50.2 75.4
182 4.9 2.6 4.0#





#58

Fluorene

Concen: 4.408 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

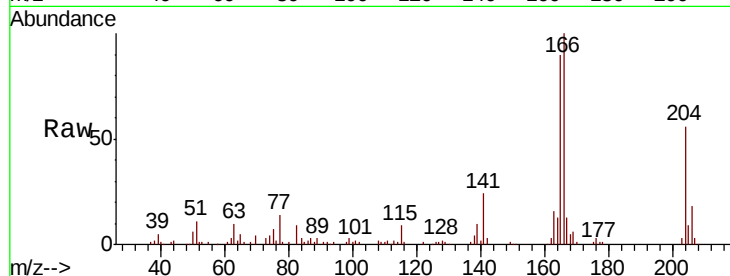
Tgt Ion:166 Resp: 66041

Ion Ratio Lower Upper

166 100

165 90.5 80.5 120.7

167 12.7 12.4 18.6

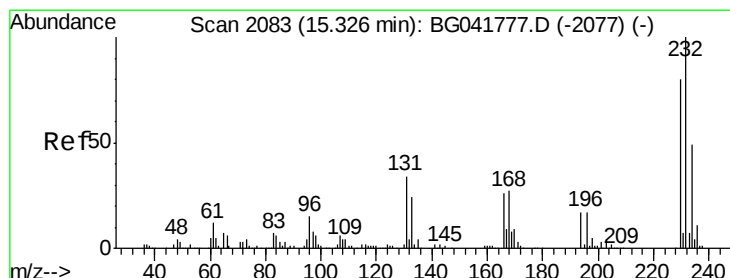
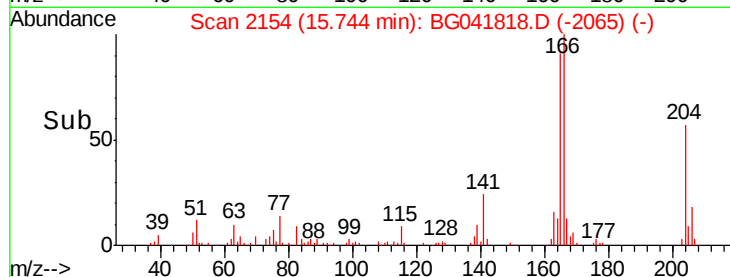
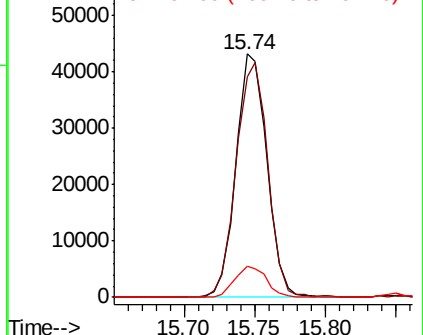


Abundance

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: 2.864 ng

RT: 15.32 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Tgt Ion:232 Resp: 13517

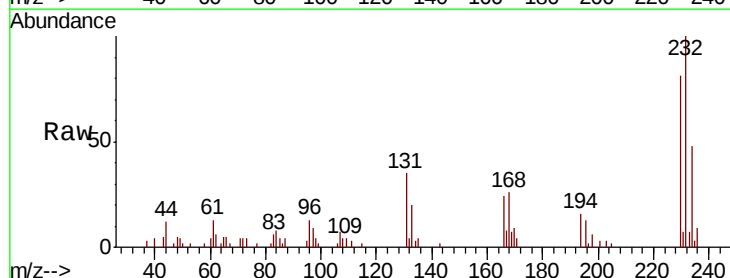
Ion Ratio Lower Upper

232 100

131 33.4 31.8 47.6

130 0.4 1.8 2.8#

166 29.4 23.5 35.3



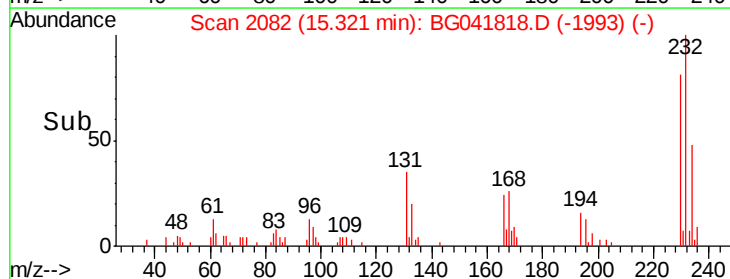
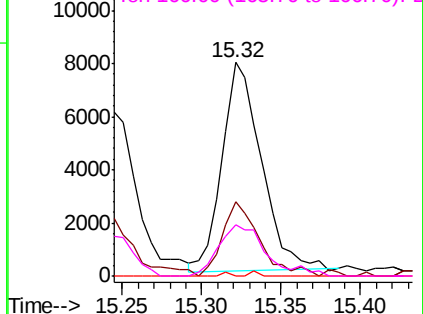
Abundance

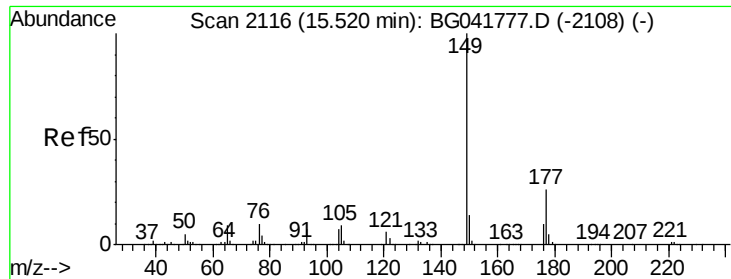
Ion 232.00 (231.70 to 232.70): E

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

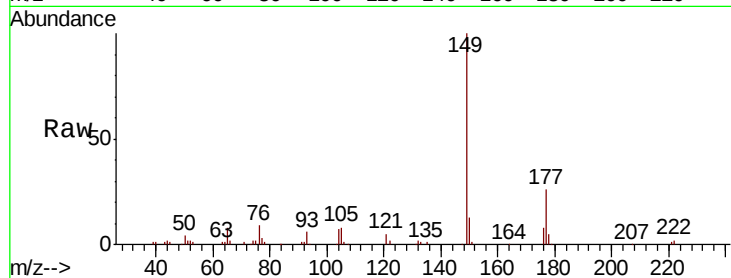




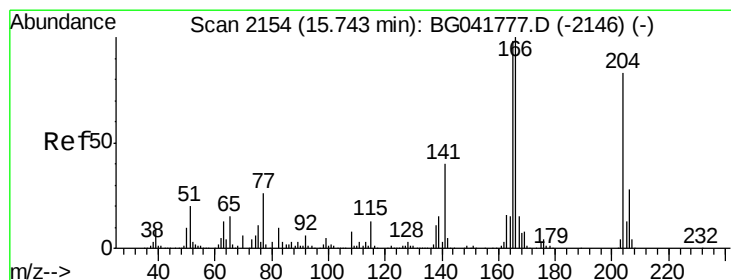
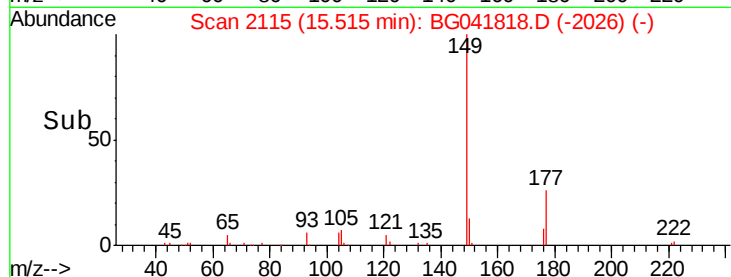
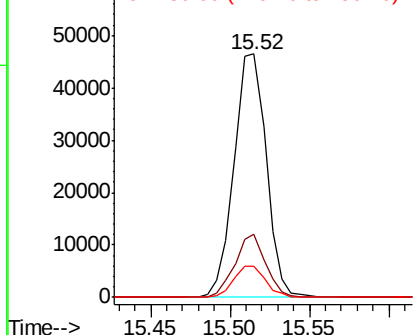
#60
Diethylphthalate
Concen: 4.282 ng
RT: 15.52 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Instrument :
BNA_G
ClientSampleId :
GW8-20190726

Tgt Ion:149 Resp: 65822
Ion Ratio Lower Upper
149 100
177 25.8 20.7 31.1
150 12.7 11.5 17.3

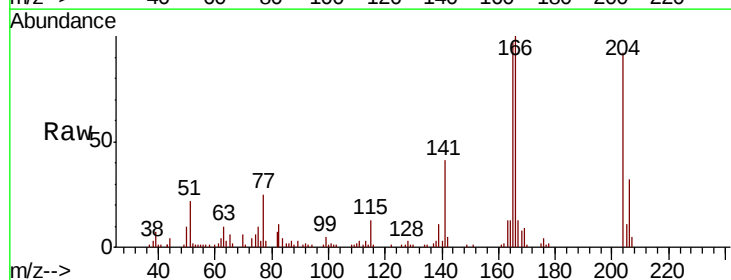


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

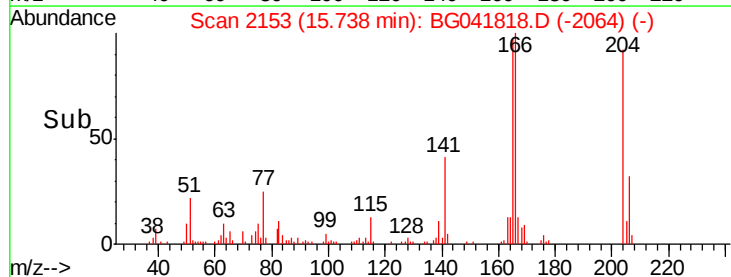
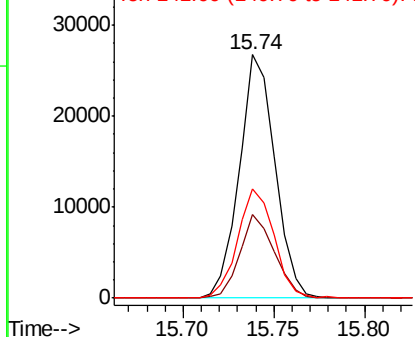


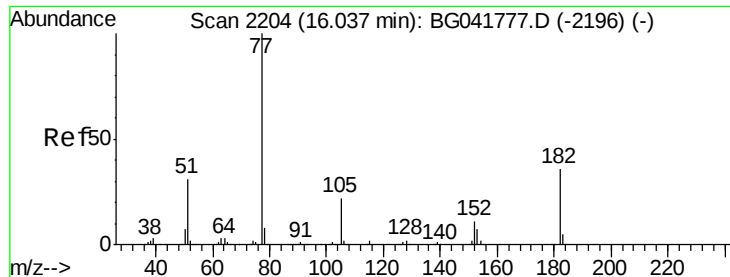
#61
4-Chlorophenyl-phenylether
Concen: 3.994 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion:204 Resp: 36527
Ion Ratio Lower Upper
204 100
206 34.4 28.6 42.8
141 45.0 42.9 64.3



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





#63

Azobenzene

Concen: 3.419 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

Tgt Ion: 77 Resp: 42926

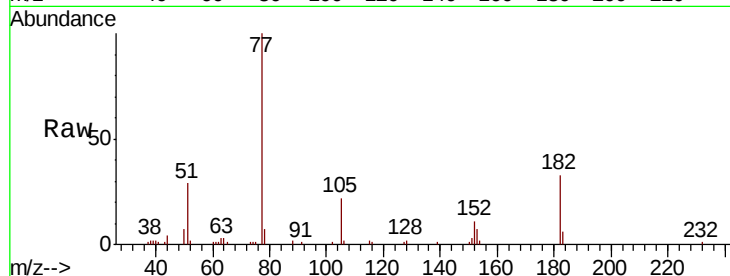
Ion Ratio Lower Upper

77 100

182 33.3 13.2 53.2

105 22.4 2.2 42.2

51 28.7 14.6 54.6

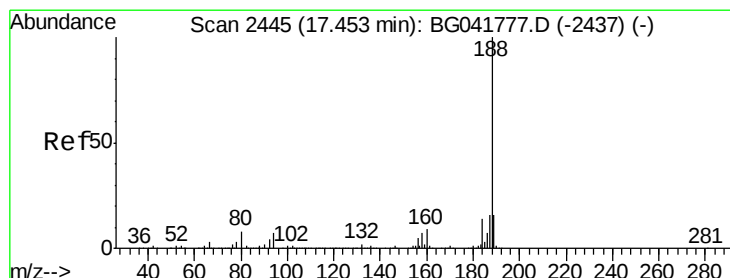
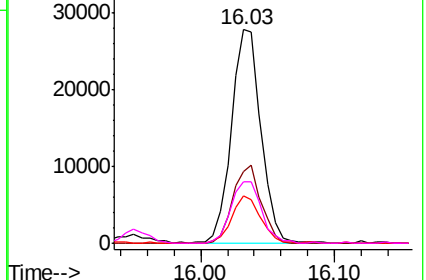
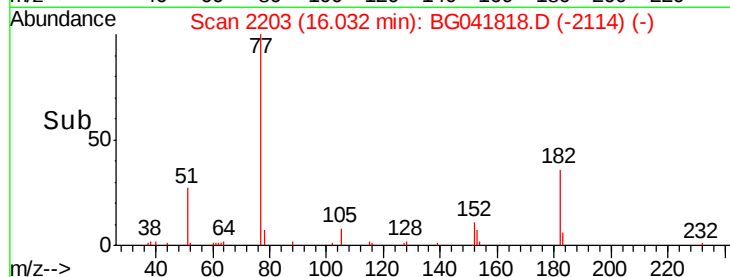


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

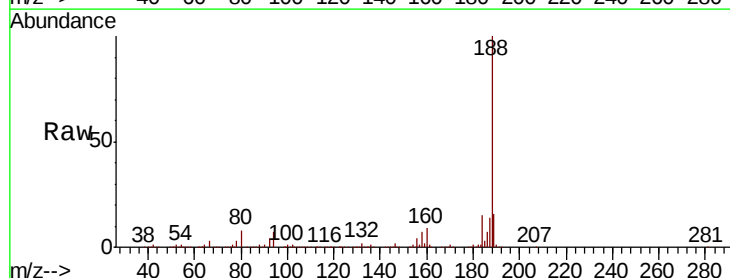
Tgt Ion: 188 Resp: 581239

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

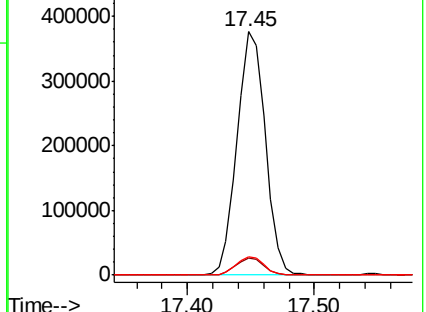
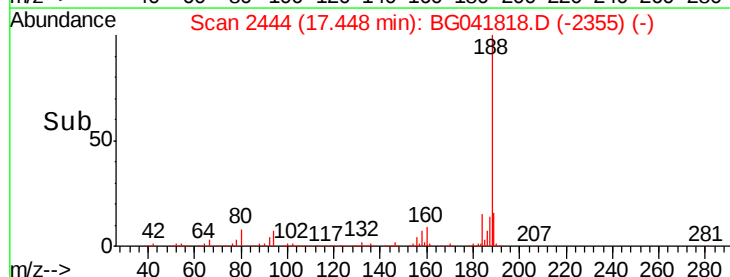
80 7.5 8.0 12.0#

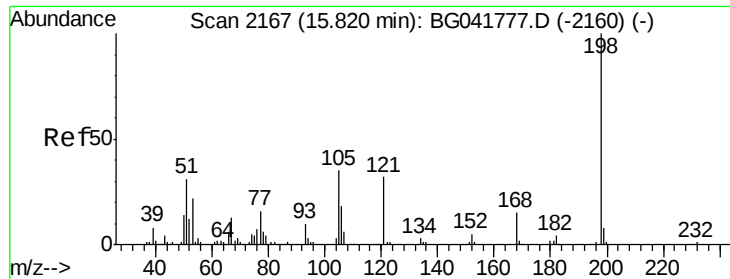


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

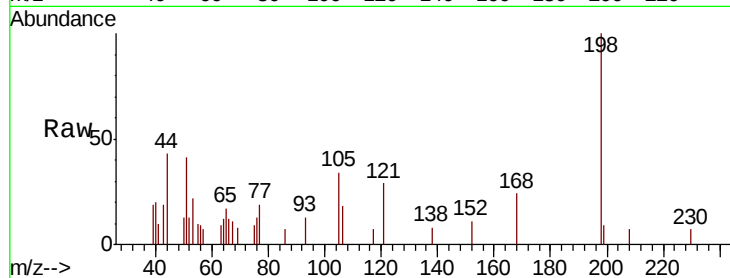




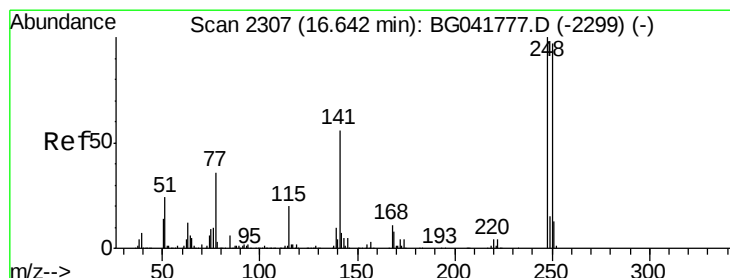
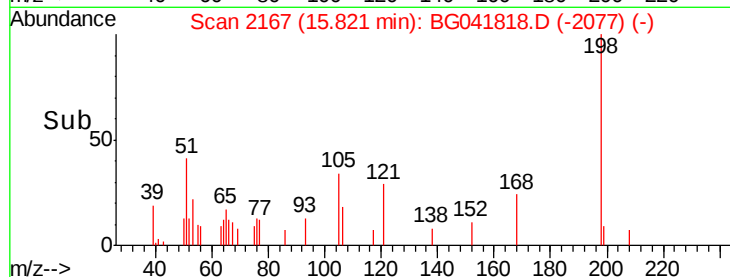
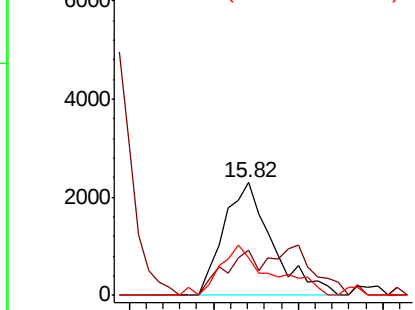
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.242 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

Tgt Ion:198 Resp: 4611
 Ion Ratio Lower Upper
 198 100
 51 40.5 22.3 62.3
 105 33.7 18.0 58.0

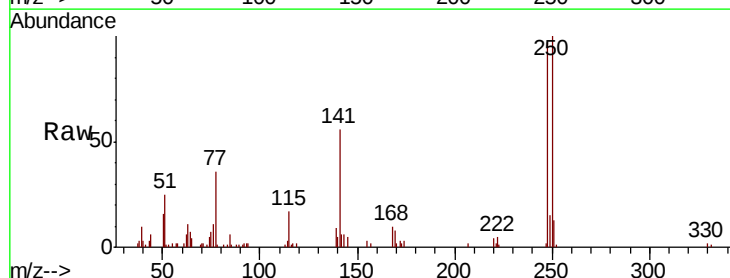


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

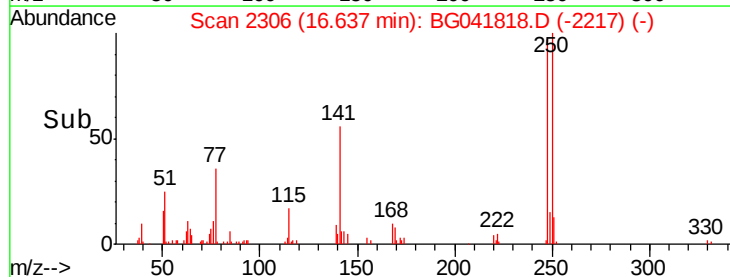
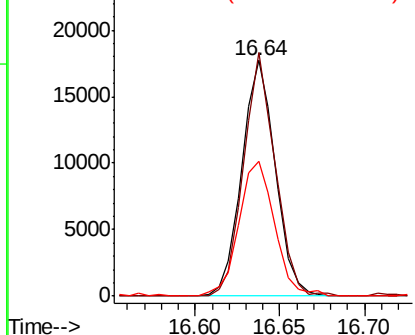


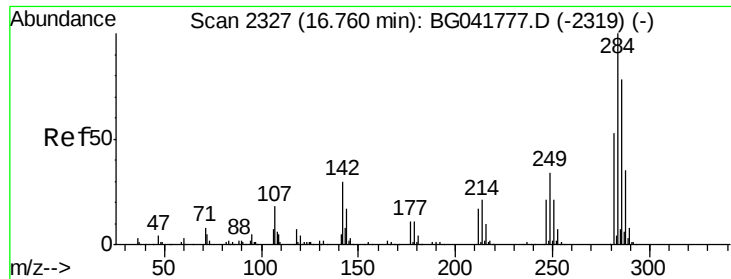
#67
 4-Bromophenyl-phenylether
 Concen: 3.419 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion:248 Resp: 24480
 Ion Ratio Lower Upper
 248 100
 250 103.3 78.1 117.1
 141 57.5 49.6 74.4



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: 3.442 ng

RT: 16.76 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

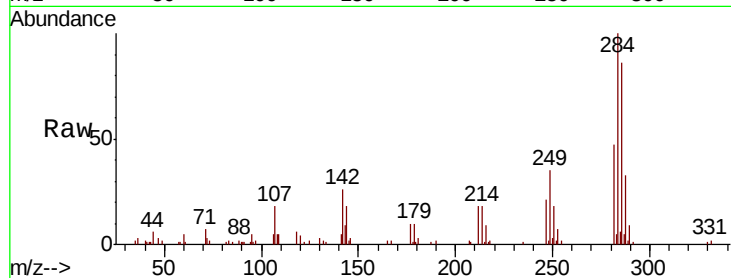
Tgt Ion:284 Resp: 25782

Ion Ratio Lower Upper

284 100

142 25.8 27.0 40.6#

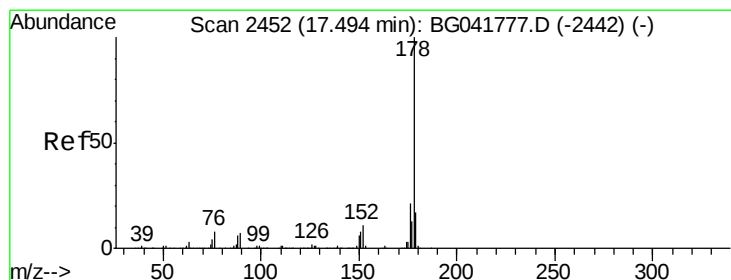
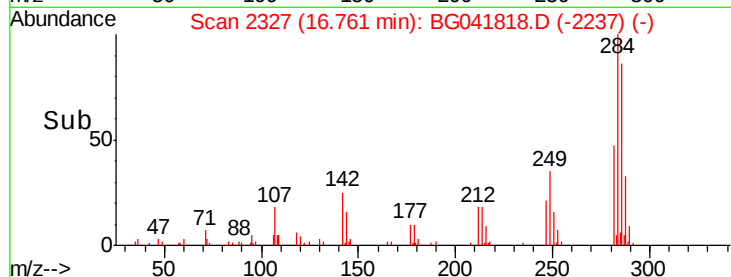
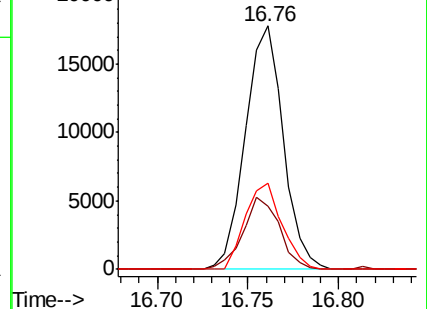
249 37.7 28.4 42.6



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



#71

Phenanthrene

Concen: 4.311 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

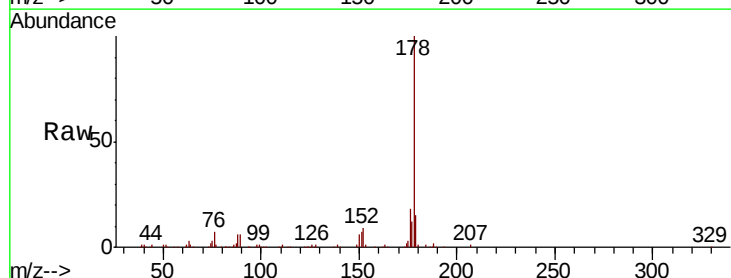
Tgt Ion:178 Resp: 120113

Ion Ratio Lower Upper

178 100

176 18.4 18.6 28.0#

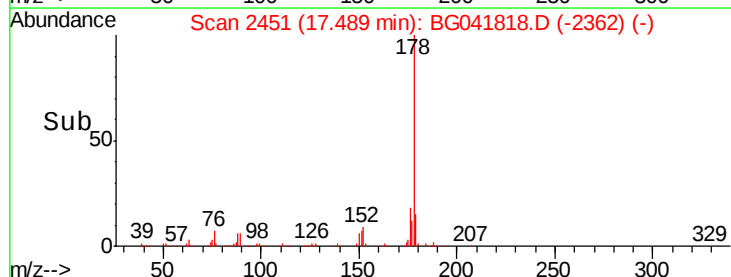
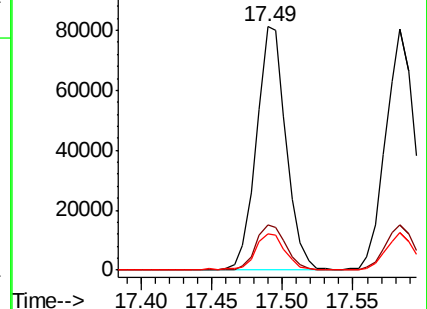
179 14.9 15.4 23.0#

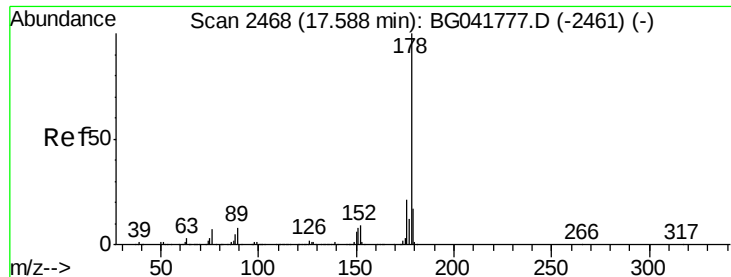


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 4.199 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

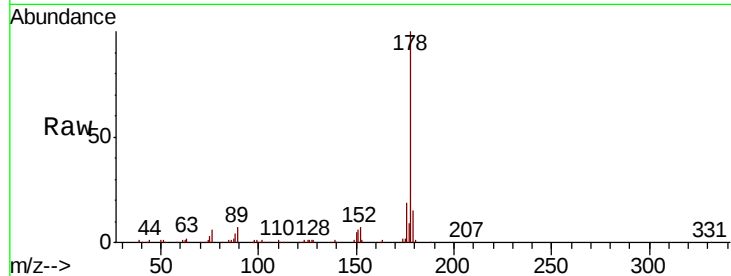
Tgt Ion:178 Resp: 116679

Ion Ratio Lower Upper

178 100

176 18.6 18.6 28.0#

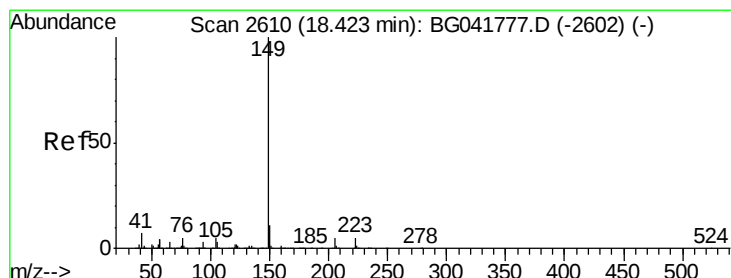
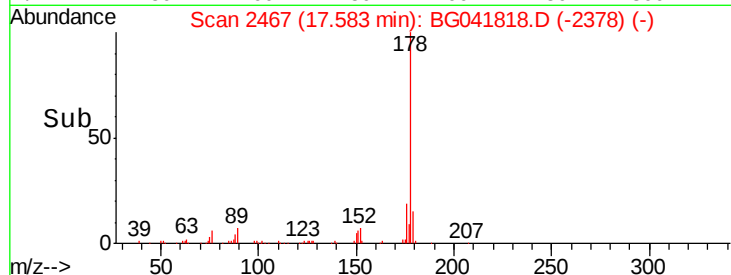
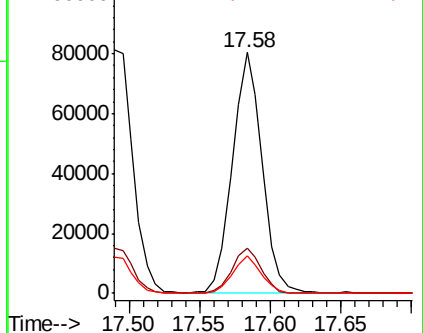
179 15.5 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 4.444 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

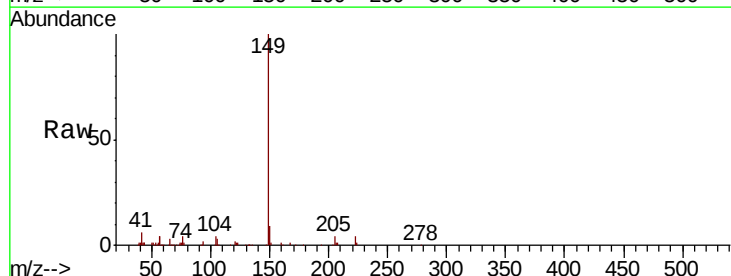
Tgt Ion:149 Resp: 125643

Ion Ratio Lower Upper

149 100

150 9.2 10.2 15.2#

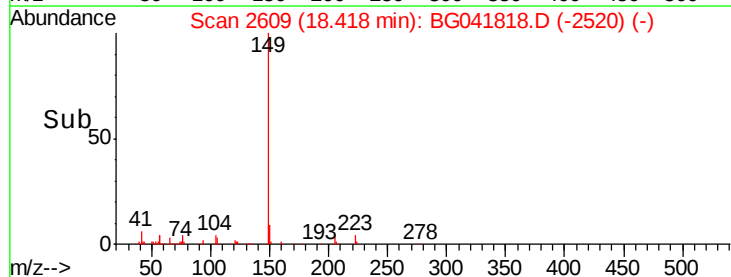
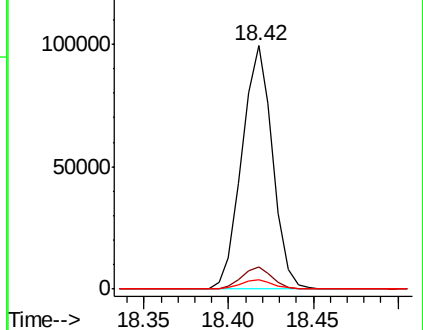
104 4.1 5.3 7.9#

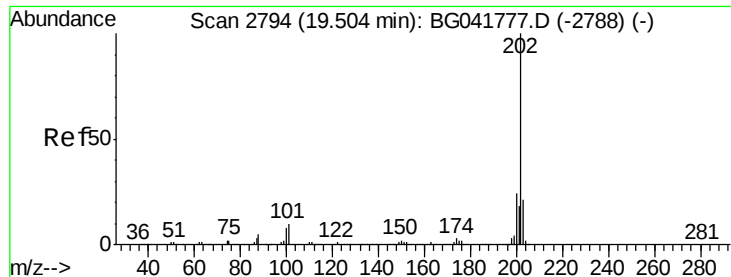


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 5.003 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

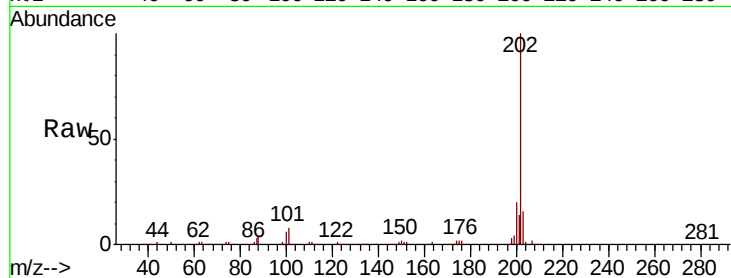
Tgt Ion:202 Resp: 169428

Ion Ratio Lower Upper

202 100

101 7.8 0.0 32.8

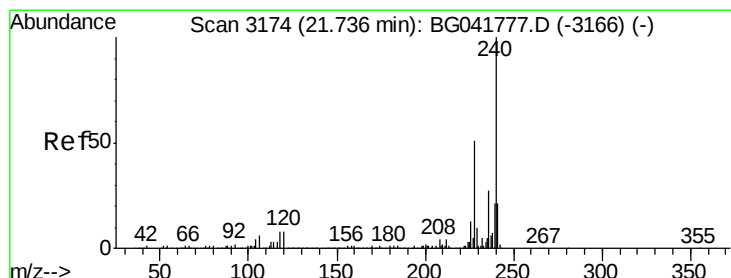
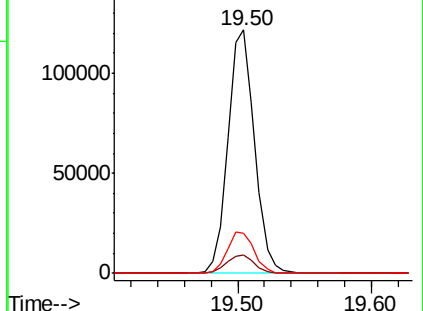
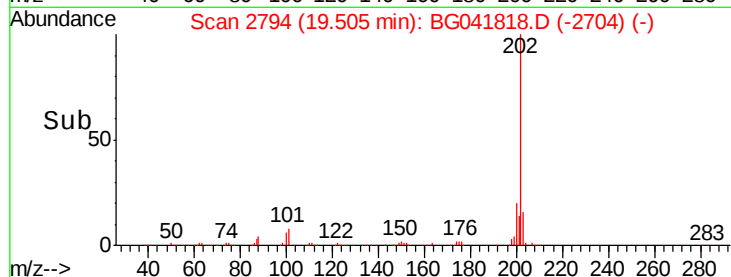
203 16.2 3.7 43.7



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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

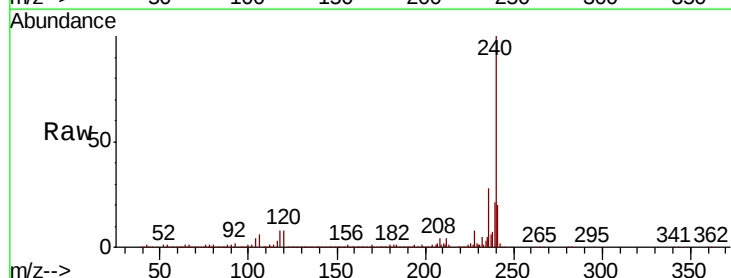
Tgt Ion:240 Resp: 718308

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

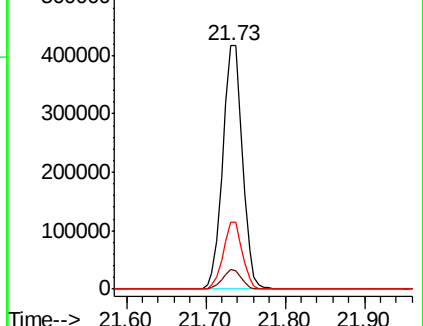
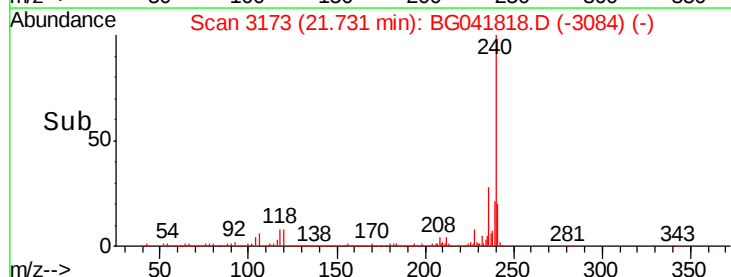
236 27.5 22.6 33.8

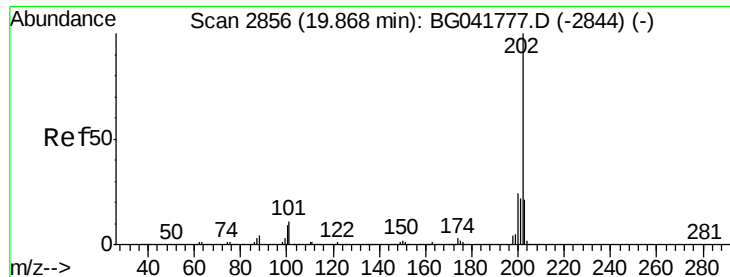


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

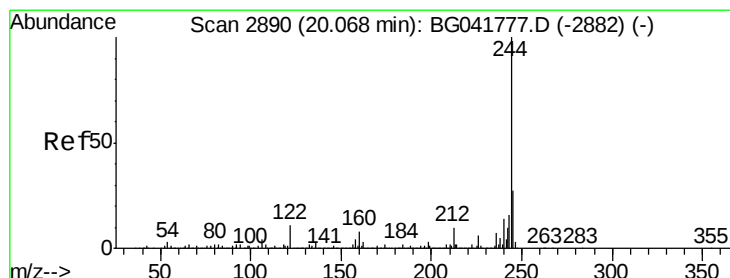
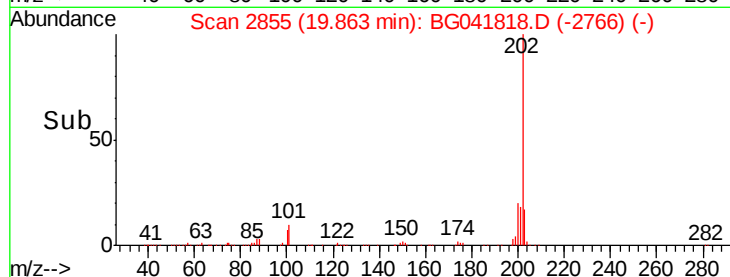
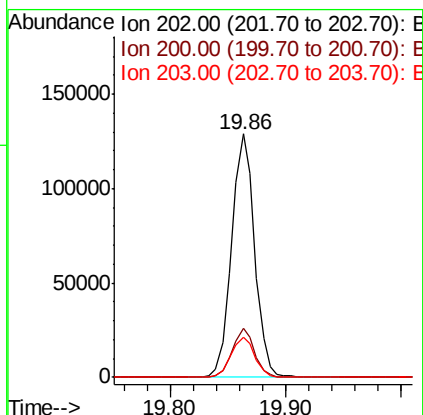
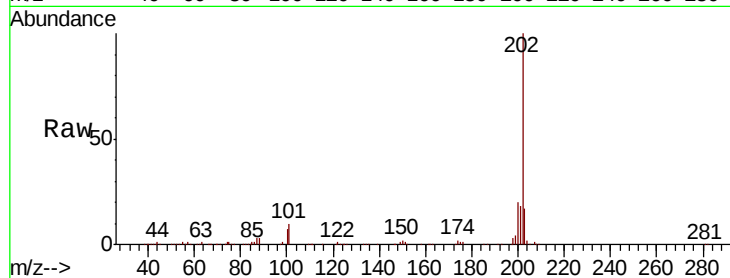




#78
 Pyrene
 Concen: 4.167 ng
 RT: 19.86 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

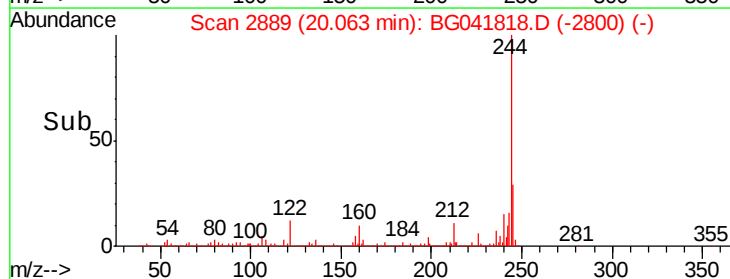
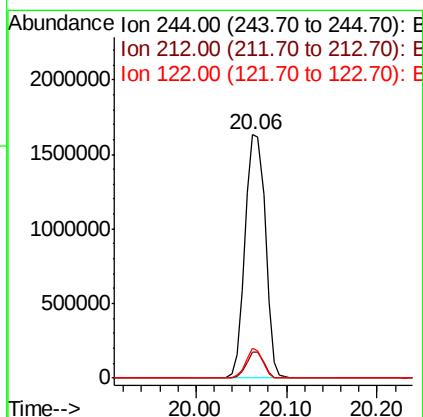
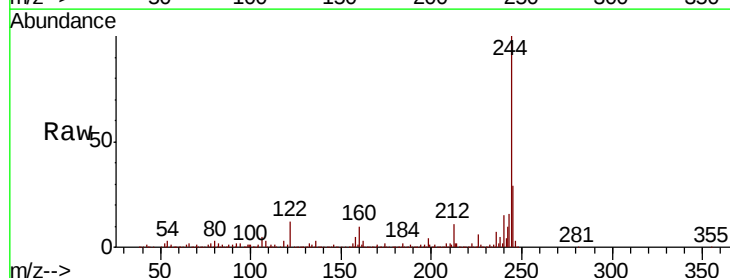
Instrument :
 BNA_G
 ClientSampleId :
 GW8-20190726

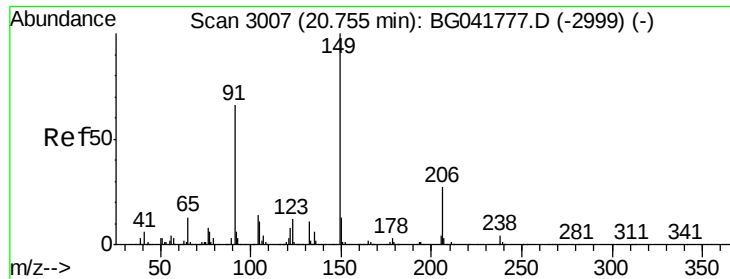
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	22.2	33.2#
203	16.7	18.9	28.3#



#79
 Terphenyl-d14
 Concen: 80.562 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041818.D
 Acq: 31 Jul 2019 1:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	9.7	14.5
122	12.1	12.5	18.7#

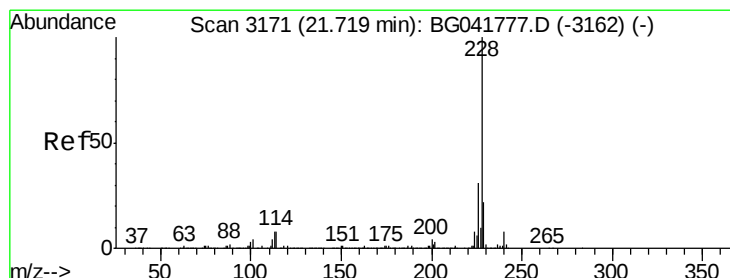
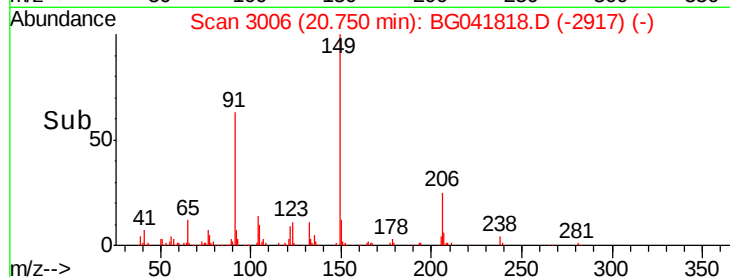
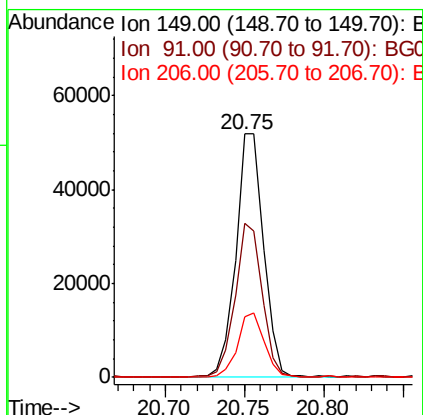
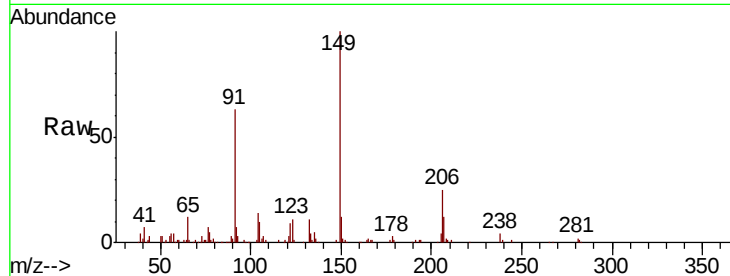




#80
Butylbenzylphthalate
Concen: 3.859 ng
RT: 20.75 min Scan# 3006
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

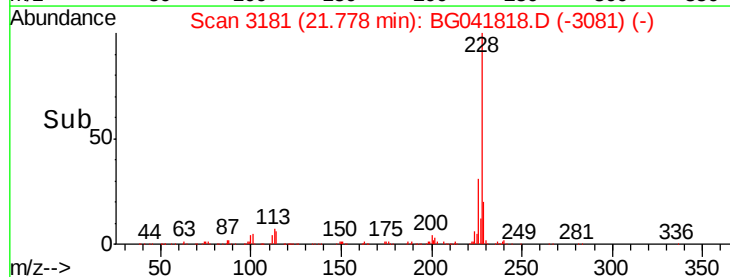
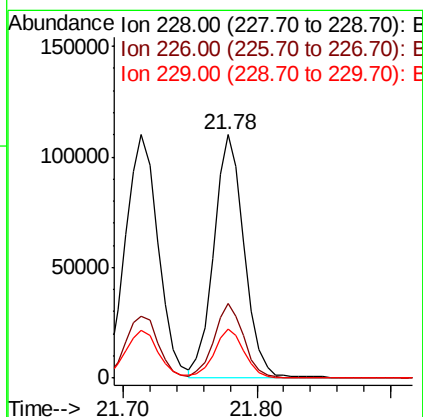
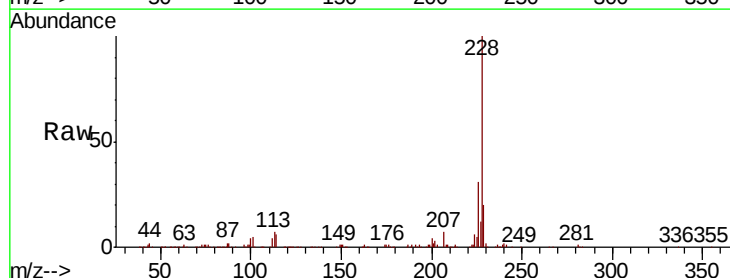
Instrument :
BNA_G
ClientSampleId :
GW8-20190726

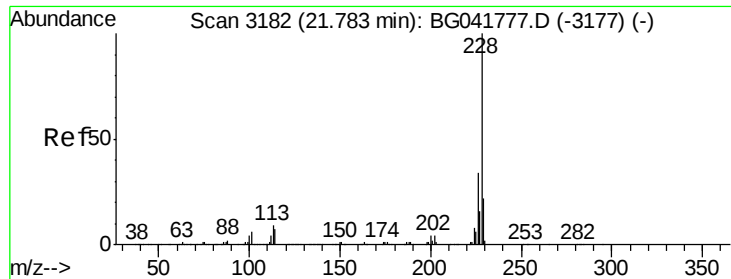
Tgt Ion:149 Resp: 62972
Ion Ratio Lower Upper
149 100
91 63.1 58.9 88.3
206 24.8 20.8 31.2



#81
Benzo(a)anthracene
Concen: 4.100 ng
RT: 21.78 min Scan# 3181
Delta R.T. 0.06 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion:228 Resp: 174256
Ion Ratio Lower Upper
228 100
226 30.5 27.3 40.9
229 19.9 19.7 29.5





#83

Chrysene

Concen: 4.278 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

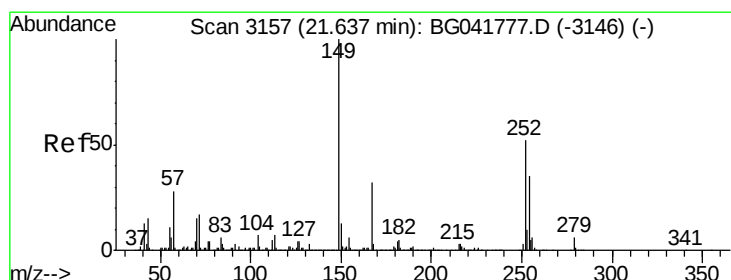
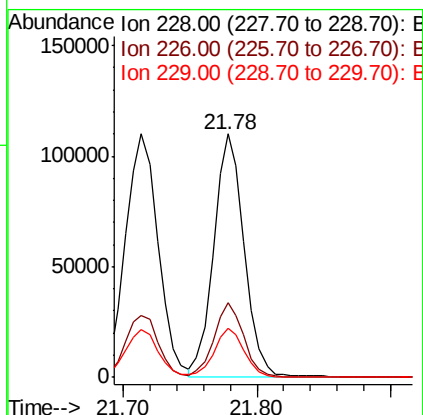
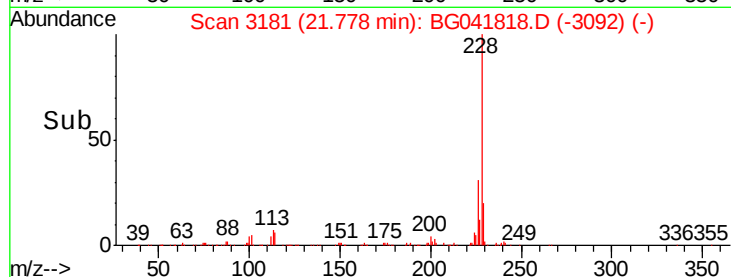
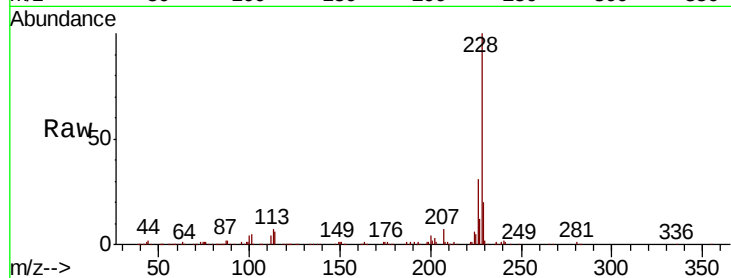
Tgt Ion: 228 Resp: 174256

Ion Ratio Lower Upper

228 100

226 30.5 30.1 45.1

229 19.9 19.8 29.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.154 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

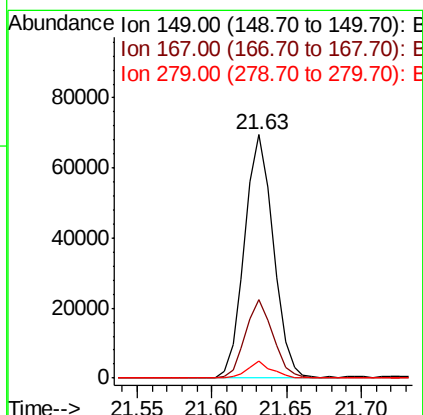
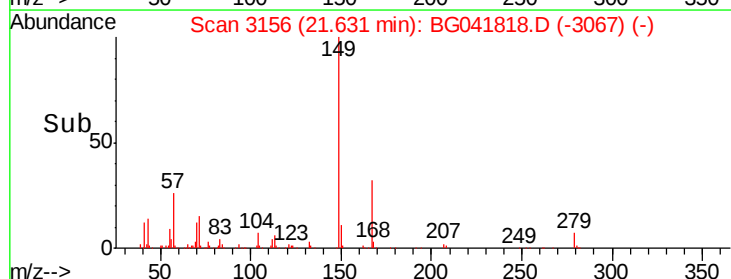
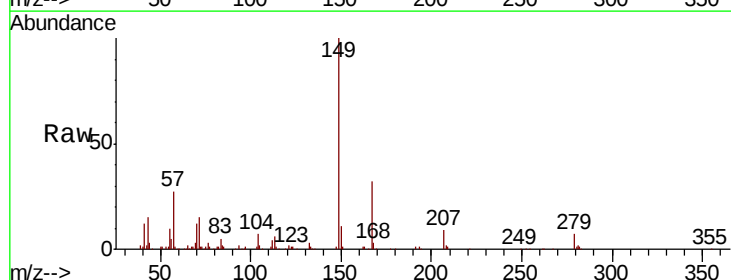
Tgt Ion: 149 Resp: 93491

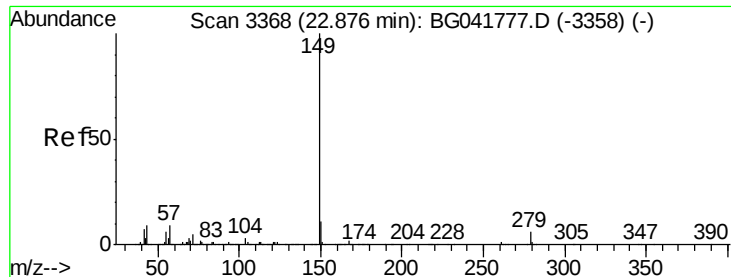
Ion Ratio Lower Upper

149 100

167 32.1 27.0 40.4

279 7.1 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 4.052 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

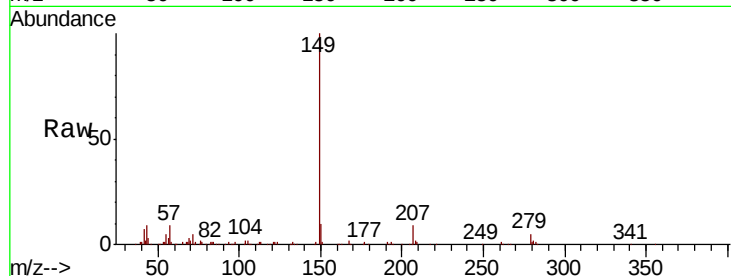
Tgt Ion:149 Resp: 153484

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

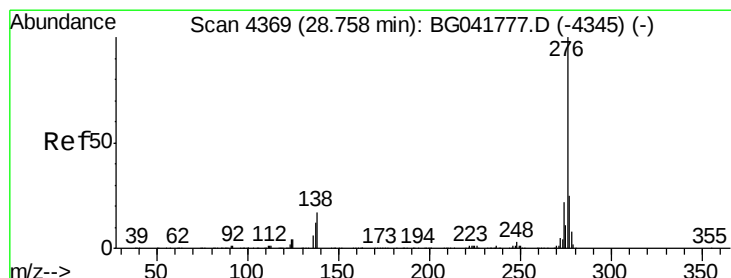
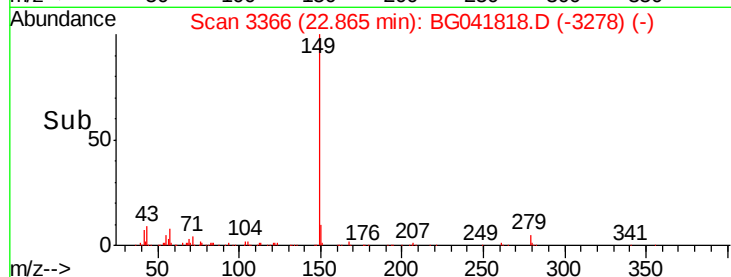
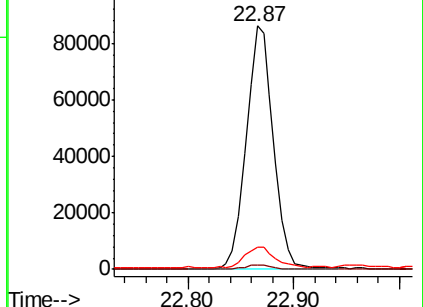
43 9.6 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 3.589 ng

RT: 28.72 min Scan# 4363

Delta R.T. -0.03 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

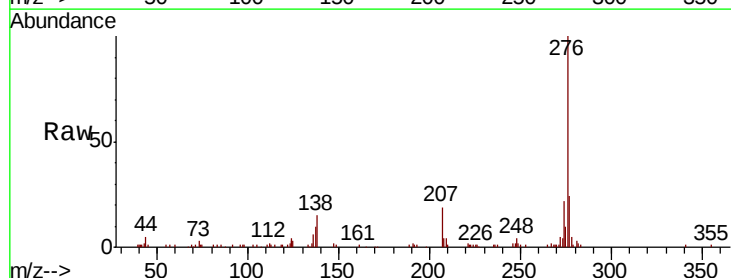
Tgt Ion:276 Resp: 193560

Ion Ratio Lower Upper

276 100

138 12.9 19.4 29.0#

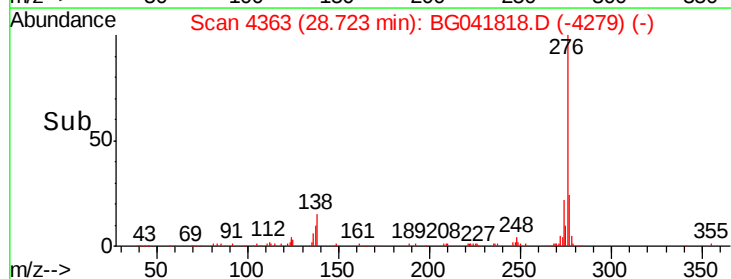
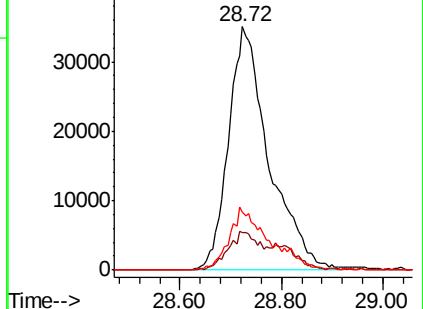
277 21.6 21.2 31.8

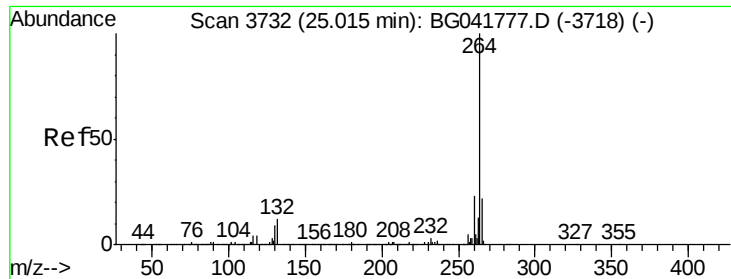


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



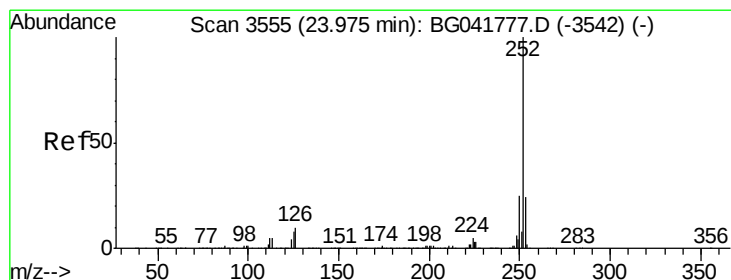
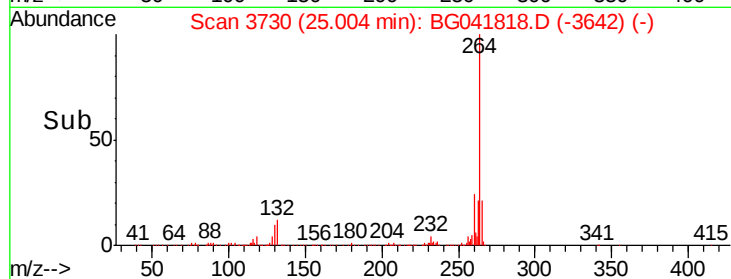
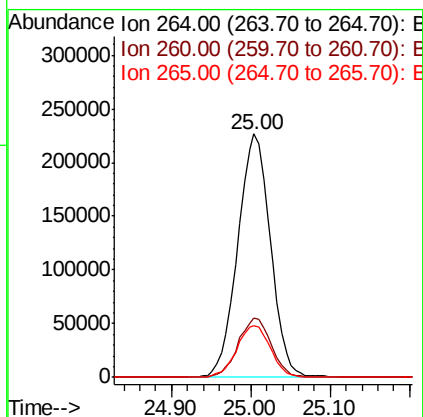
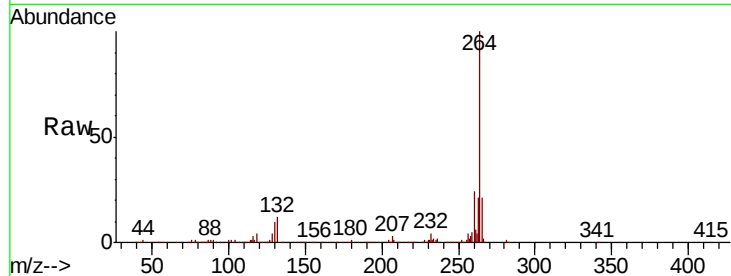


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Instrument :
BNA_G
ClientSampleId :
GW8-20190726

Tgt Ion: 264 Resp: 650759

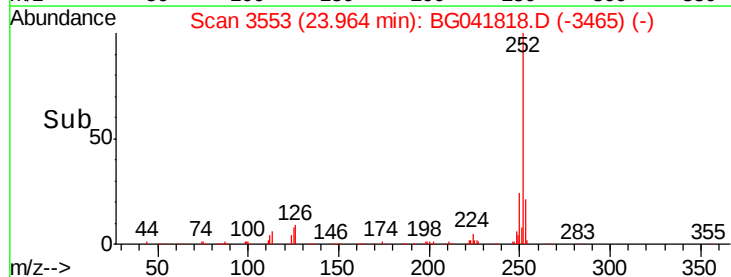
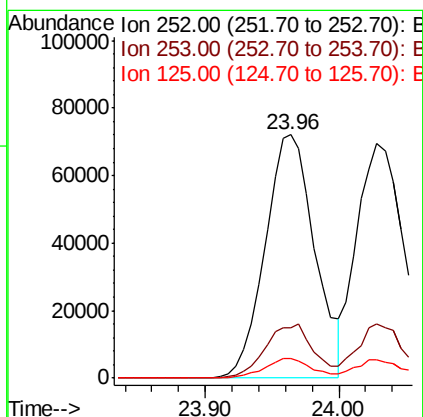
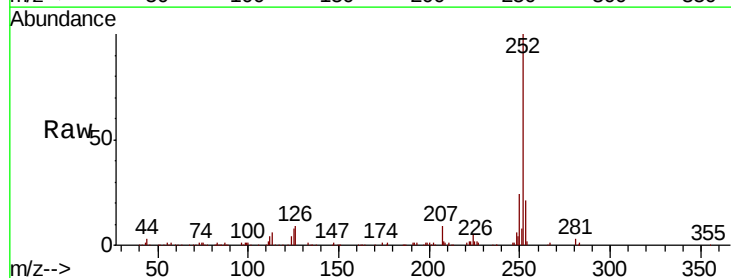
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.4	18.0	27.0

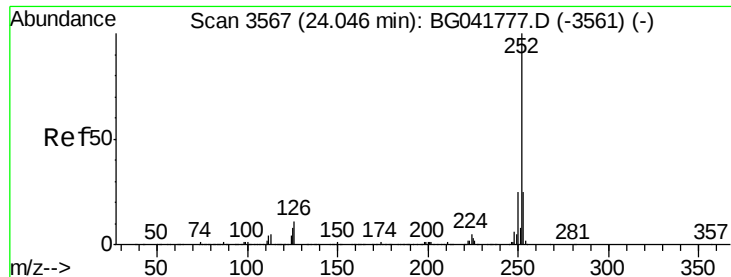


#88
Benzo(b)fluoranthene
Concen: 5.232 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG041818.D
Acq: 31 Jul 2019 1:42

Tgt Ion: 252 Resp: 186250

Ion	Ratio	Lower	Upper
252	100		
253	20.7	20.6	30.8
125	8.1	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 4.931 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.02 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

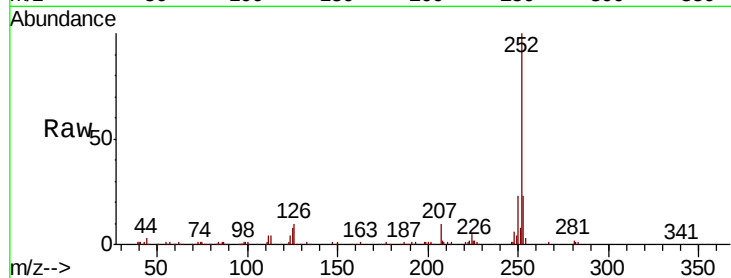
Tgt Ion:252 Resp: 171006

Ion Ratio Lower Upper

252 100

253 23.4 20.5 30.7

125 7.9 8.4 12.6#

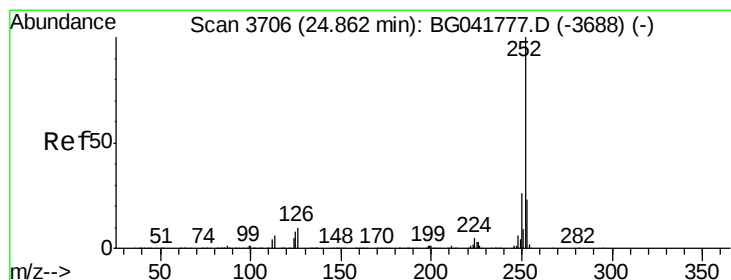
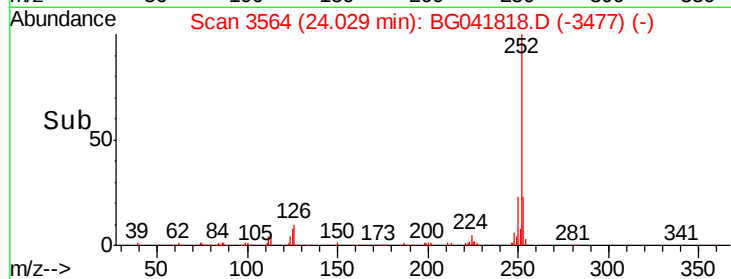
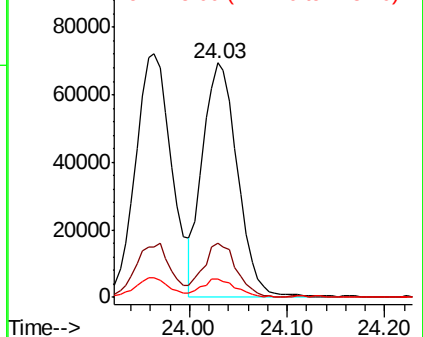


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 4.513 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

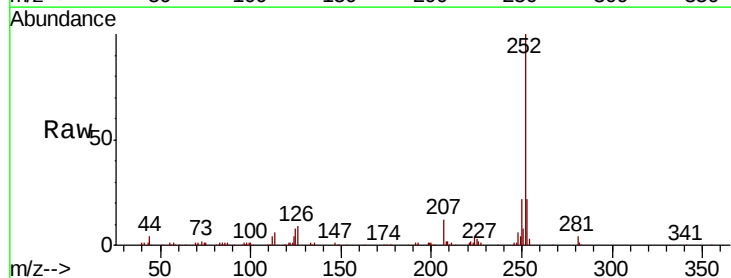
Tgt Ion:252 Resp: 154073

Ion Ratio Lower Upper

252 100

253 21.6 19.8 29.8

125 7.8 8.8 13.2#

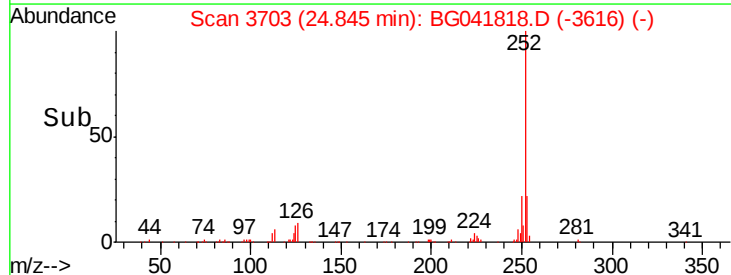
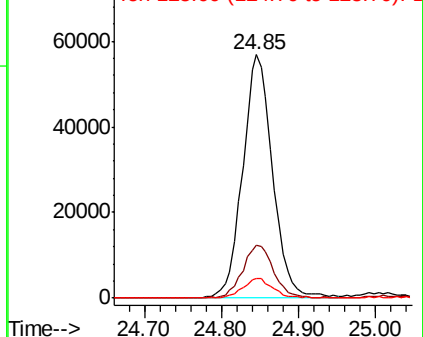


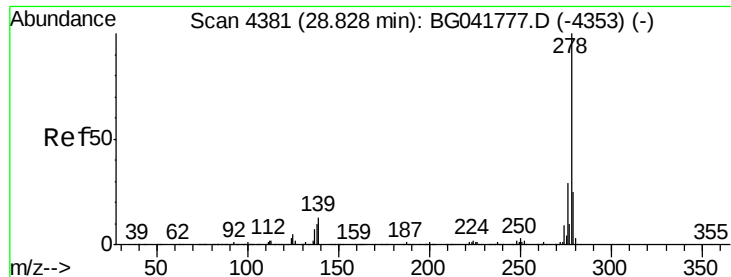
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 4.821 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.02 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

Instrument :

BNA_G

ClientSampleId :

GW8-20190726

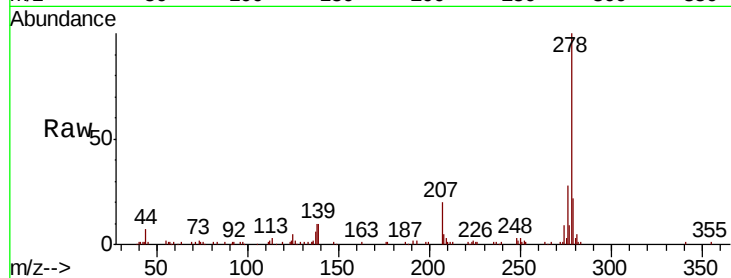
Tgt Ion: 278 Resp: 161626

Ion Ratio Lower Upper

278 100

139 9.6 12.6 19.0#

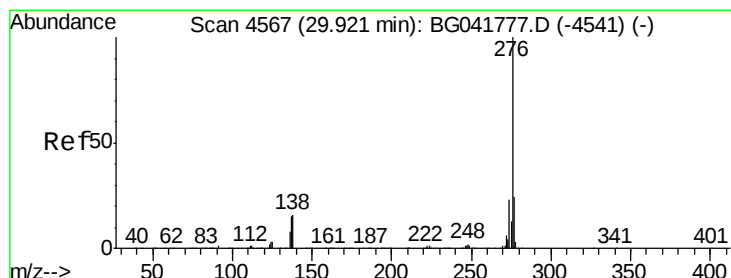
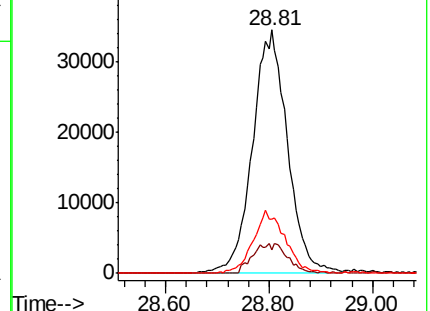
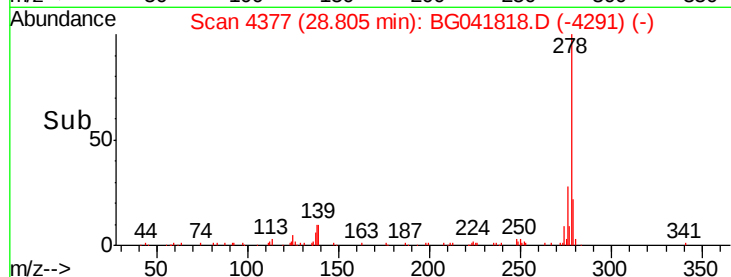
279 22.0 20.5 30.7



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: 4.580 ng

RT: 29.88 min Scan# 4560

Delta R.T. -0.04 min

Lab File: BG041818.D

Acq: 31 Jul 2019 1:42

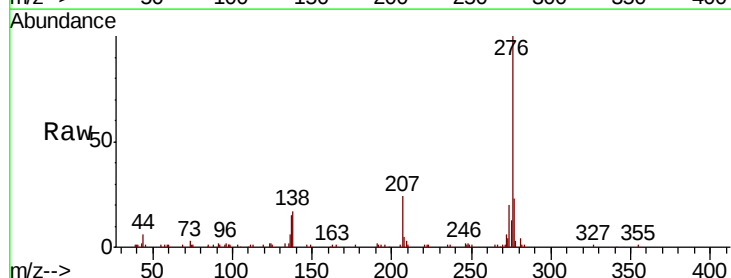
Tgt Ion: 276 Resp: 153413

Ion Ratio Lower Upper

276 100

277 23.2 19.8 29.8

138 16.5 16.6 25.0#



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

