

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041236.D
 Acq On : 14 Jun 2019 1:14
 Operator : HP/JU
 Sample : K3159-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 08:50:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	39507	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	164118	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	115560	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	291858	20.00	ng	0.00
76) Chrysene-d12	21.76	240	285573	20.00	ng	0.00
87) Perylene-d12	25.08	264	271446	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	300788	137.29	ng	0.00
7) Phenol-d6	7.25	99	408833	120.83	ng	0.00
23) Nitrobenzene-d5	9.28	82	347144	93.90	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	250633	146.09	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	793442	98.88	ng	0.00
79) Terphenyl-d14	20.08	244	1368186	101.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	32561	32.751	ng	# 1
3) Pyridine	3.92	79	90013	30.598	ng	98
4) n-Nitrosodimethylamine	3.83	42	59074	43.267	ng	# 83
6) Aniline	7.43	93	30707	6.799	ng	97
8) 2-Chlorophenol	7.66	128	117512	44.989	ng	96
9) Benzaldehyde	7.24	77	32397	16.050	ng	95
10) Phenol	7.28	94	136460	37.613	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	112732	42.833	ng	97
12) 1,3-Dichlorobenzene	7.99	146	131163	42.044	ng	92
13) 1,4-Dichlorobenzene	8.14	146	136204	43.133	ng	97
14) 1,2-Dichlorobenzene	8.45	146	128533	41.921	ng	97
15) Benzyl Alcohol	8.34	79	131772	42.099	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	174089	40.479	ng	99
17) 2-Methylphenol	8.54	107	108090	41.149	ng	96
18) Hexachloroethane	9.18	117	52733	43.328	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	106066	40.733	ng	98
20) 3+4-Methylphenols	8.87	107	142431	39.144	ng	96
22) Acetophenone	8.94	105	202949	44.083	ng	97
24) Nitrobenzene	9.33	77	171223	45.448	ng	98
25) Isophorone	9.84	82	300253	42.677	ng	98
26) 2-Nitrophenol	10.03	139	75664	48.717	ng	94
27) 2,4-Dimethylphenol	10.08	122	116474	45.407	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	159193	41.924	ng	96
29) 2,4-Dichlorophenol	10.57	162	139596	42.856	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	159858	43.140	ng	94
31) Naphthalene	10.97	128	397548	45.116	ng	98
32) Benzoic acid	10.19	122	22625	17.552	ng	93
33) 4-Chloroaniline	11.10	127	8724	2.134	ng	# 84
34) Hexachlorobutadiene	11.23	225	121315	42.787	ng	97
35) Caprolactam	11.88	113	32581	30.289	ng	89
36) 4-Chloro-3-methylphenol	12.20	107	158765	42.678	ng	96
37) 2-Methylnaphthalene	12.57	142	294890	43.452	ng	98
38) 1-Methylnaphthalene	12.79	142	281346	43.993	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	220169	47.270	ng	99

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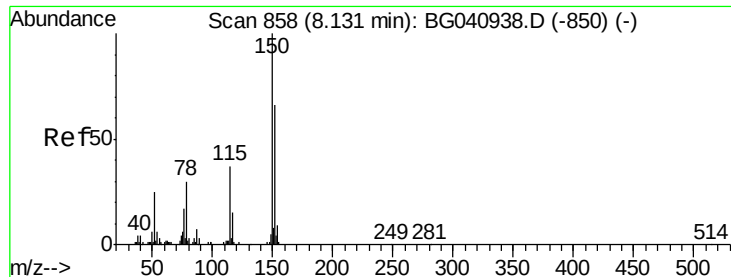
Instrument :
 BNA_G
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	201988	80.605	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	136480	45.295	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	143771	45.243	ng	97
46) 1,1'-Biphenyl	13.57	154	400505	46.821	ng	99
47) 2-Chloronaphthalene	13.62	162	333693	45.441	ng	98
48) 2-Nitroaniline	13.83	65	118571	45.008	ng	96
49) Acenaphthylene	14.46	152	513029	46.418	ng	100
50) Dimethylphthalate	14.18	163	437594	44.734	ng	99
51) 2,6-Dinitrotoluene	14.32	165	96091	45.560	ng	97
52) Acenaphthene	14.80	154	299160	44.681	ng	95
53) 3-Nitroaniline	14.65	138	24119	11.436	ng	100
54) 2,4-Dinitrophenol	14.85	184	27477	35.654	ng	95
55) Dibenzofuran	15.13	168	531922	47.214	ng	99
56) 4-Nitrophenol	14.95	139	98173	67.864	ng	90
57) 2,4-Dinitrotoluene	15.10	165	138714	46.559	ng	92
58) Fluorene	15.78	166	415696	46.332	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	148094	47.422	ng	97
60) Diethylphthalate	15.53	149	444003	44.476	ng	98
61) 4-Chlorophenyl-phenylether	15.76	204	263451	45.175	ng	98
62) 4-Nitroaniline	15.82	138	88636	39.697	ng	92
63) Azobenzene	16.06	77	406775	44.831	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	36658	27.834	ng	94
66) n-Nitrosodiphenylamine	15.99	169	368327	44.893	ng	98
67) 4-Bromophenyl-phenylether	16.66	248	169478	43.029	ng	95
68) Hexachlorobenzene	16.77	284	178892	42.653	ng	97
69) Atrazine	16.93	200	155120	49.000	ng	97
70) Pentachlorophenol	17.13	266	139621	63.092	ng	97
71) Phenanthrene	17.52	178	704355	46.332	ng	99
72) Anthracene	17.61	178	713299	47.573	ng	100
73) Carbazole	17.89	167	617307	47.983	ng	99
74) Di-n-butylphthalate	18.41	149	726967	45.464	ng	99
75) Fluoranthene	19.52	202	902869	48.082	ng	99
77) Benzidine	19.71	184	38627	5.670	ng	96
78) Pyrene	19.89	202	907422	48.880	ng	100
80) Butylbenzylphthalate	20.75	149	336603	46.593	ng	99
81) Benzo(a)anthracene	21.74	228	874939	46.026	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	67373	10.077	ng	# 97
83) Chrysene	21.81	228	852908	46.885	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	464121	45.637	ng	98
85) Di-n-octyl phthalate	22.84	149	784413	46.313	ng	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	558301	25.054	ng	# 74
88) Benzo(b)fluoranthene	24.02	252	774668	47.052	ng	98
89) Benzo(k)fluoranthene	24.09	252	894605	54.909	ng	99
90) Benzo(a)pyrene	24.92	252	782122	49.792	ng	95
91) Dibenzo(a,h)anthracene	28.96	278	453410	28.888	ng	# 95
92) Benzo(g,h,i)perylene	30.09	276	409963	26.885	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampled :

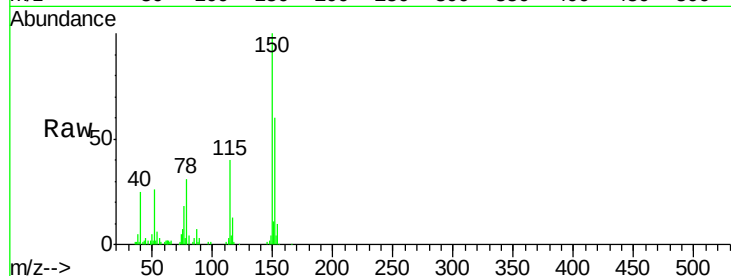
Tot Ion:152 Resp: 39507

Ion Ratio Lower Upper

152 100

150 166.6 120.6 180.8

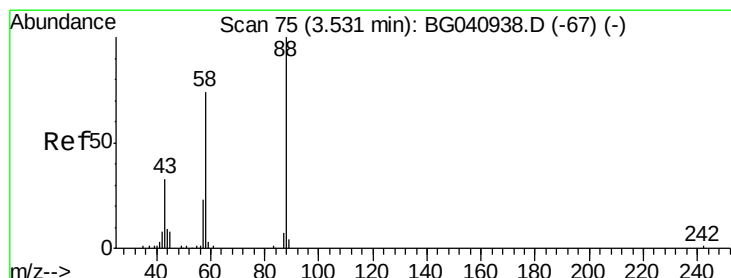
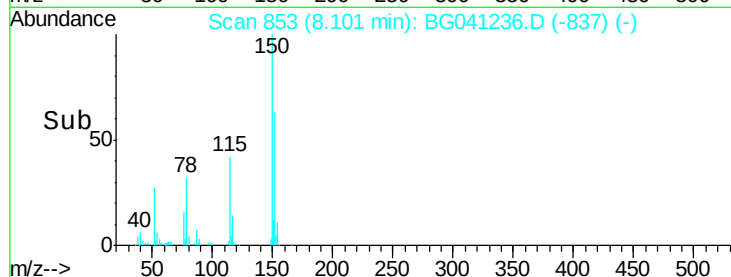
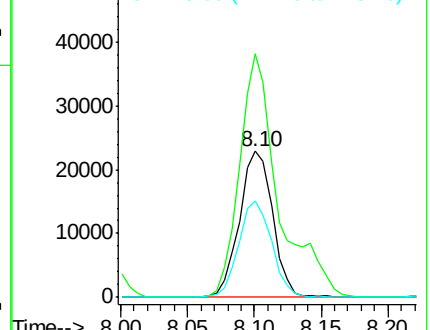
115 66.3 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.751 ng

RT: 3.51 min Scan# 71

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

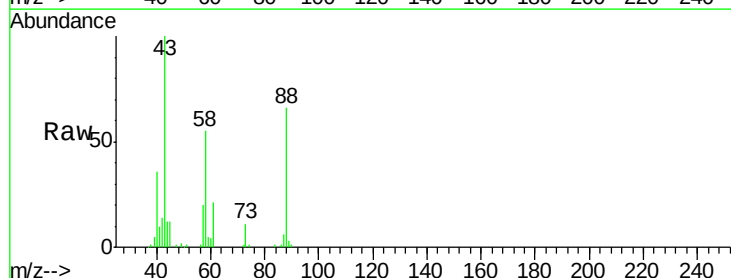
Tgt Ion: 88 Resp: 32561

Ion Ratio Lower Upper

88 100

58 85.2 59.0 88.6

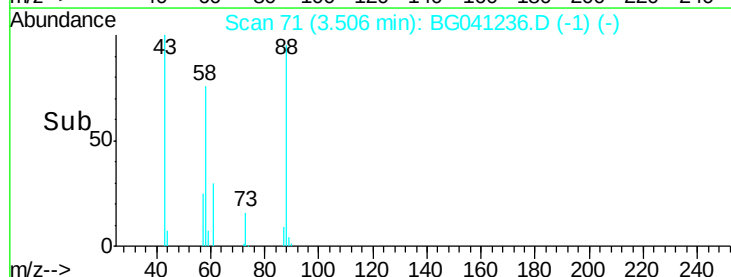
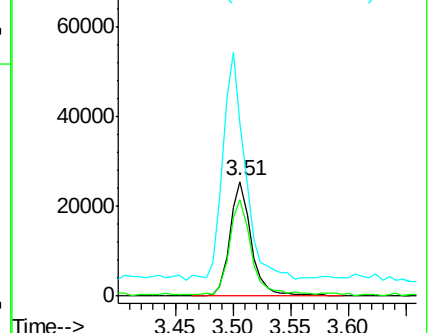
43 211.4 27.2 40.8#

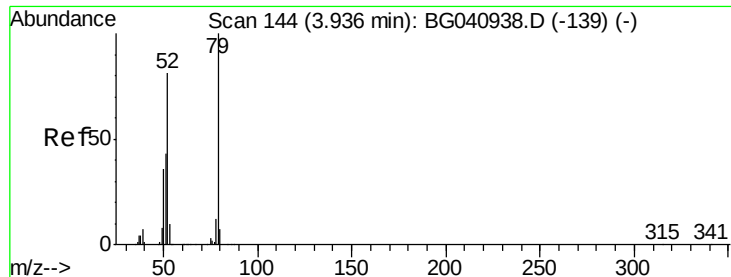


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.598 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

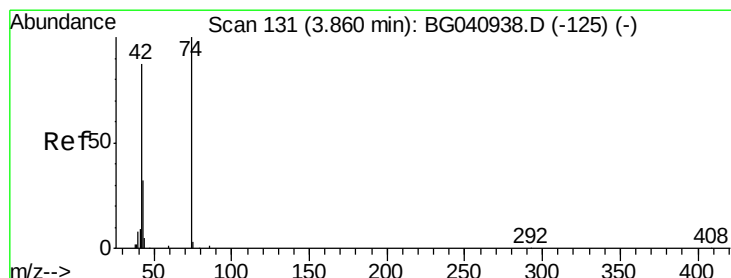
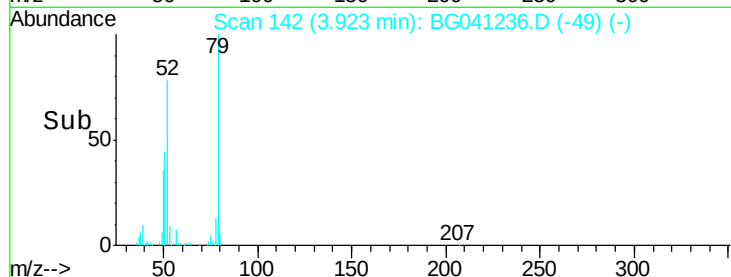
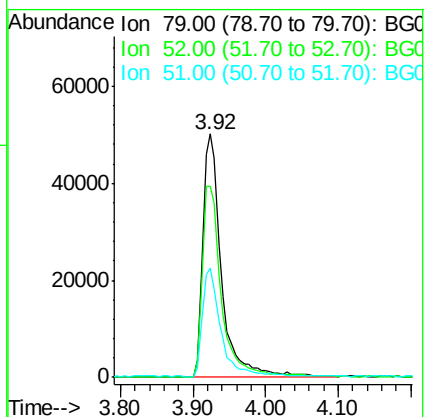
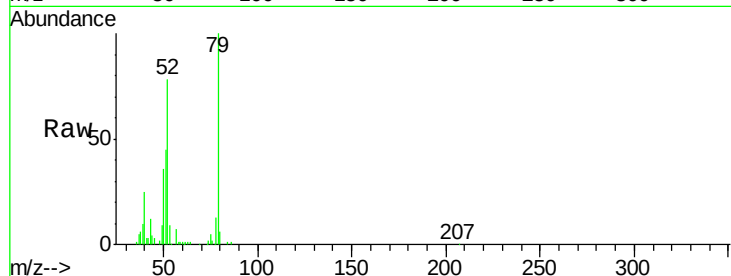
Tot Ion: 79 Resp: 90013

Ion Ratio Lower Upper

79 100

52 78.5 64.8 97.2

51 44.7 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 43.267 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

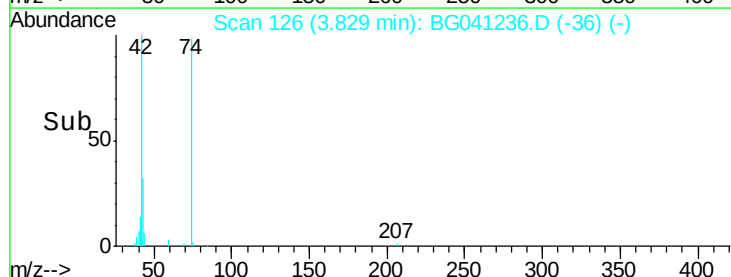
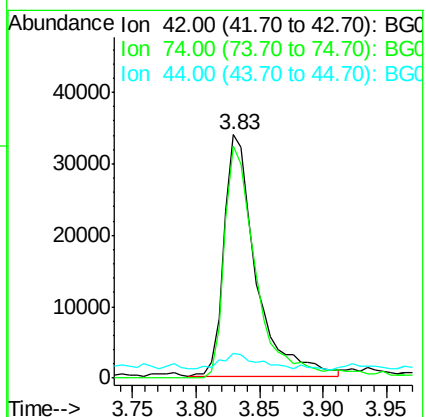
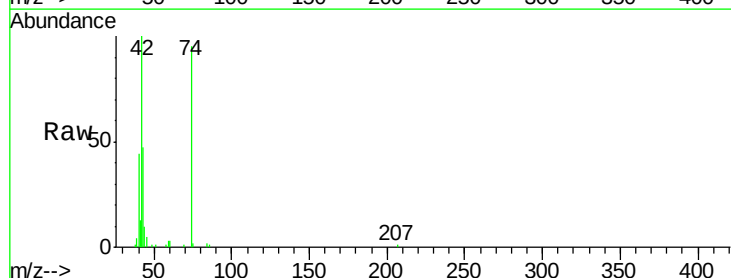
Tgt Ion: 42 Resp: 59074

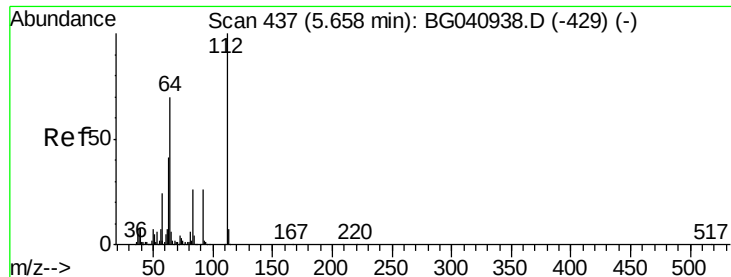
Ion Ratio Lower Upper

42 100

74 95.5 91.8 137.6

44 9.9 6.0 9.0#





#5

2-Fluorophenol

Concen: 137.288 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampled :

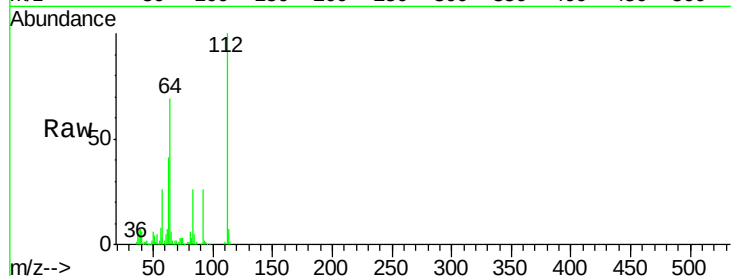
Tot Ion:112 Resp: 300788

Ion Ratio Lower Upper

112 100

64 69.3 56.2 84.2

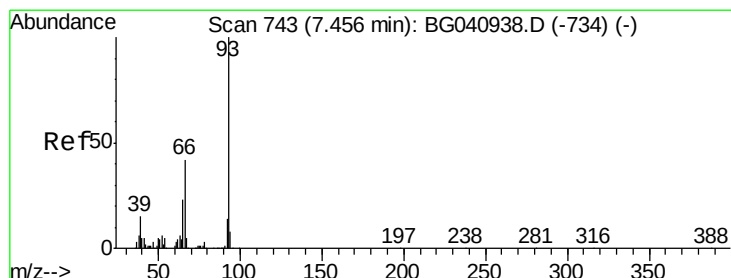
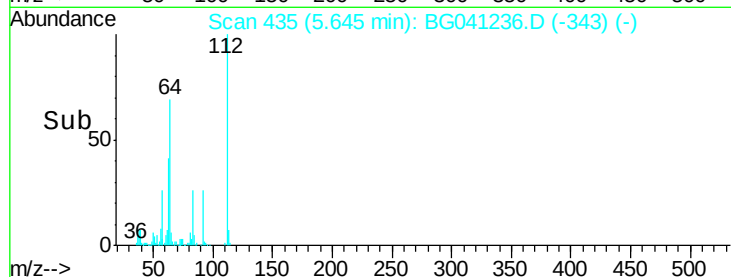
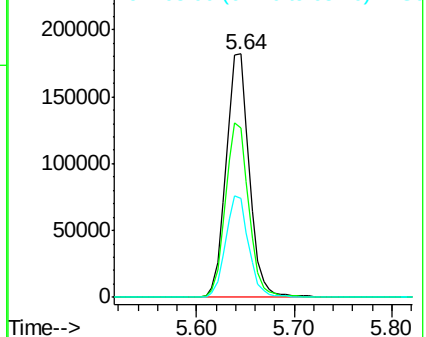
63 40.6 32.8 49.2



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: 6.799 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

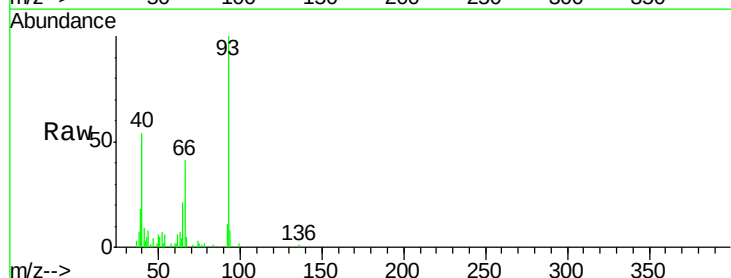
Tgt Ion: 93 Resp: 30707

Ion Ratio Lower Upper

93 100

66 40.7 33.8 50.8

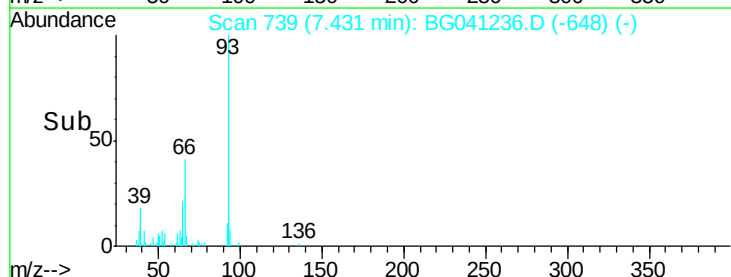
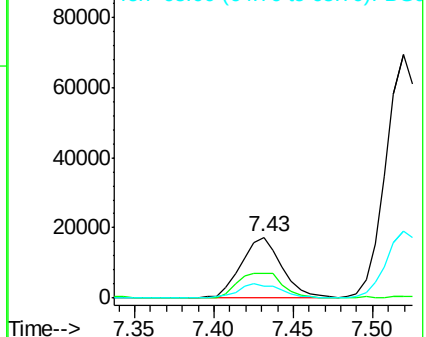
65 20.7 18.3 27.5

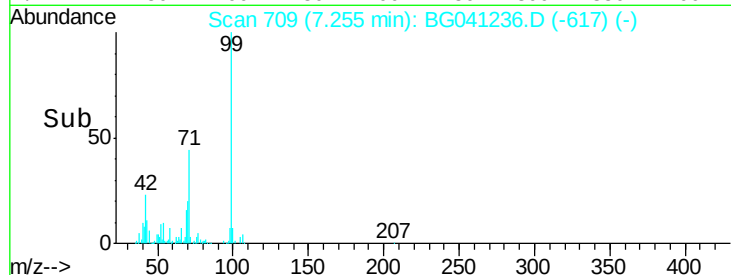
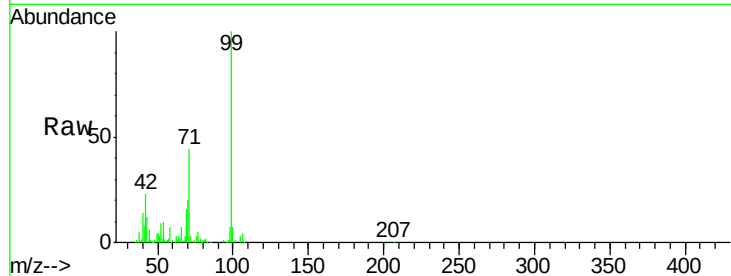
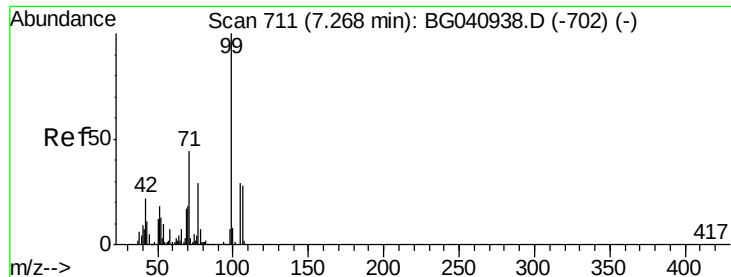


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.826 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tot Ion: 99 Resp: 408833

Ion Ratio Lower Upper

99 100

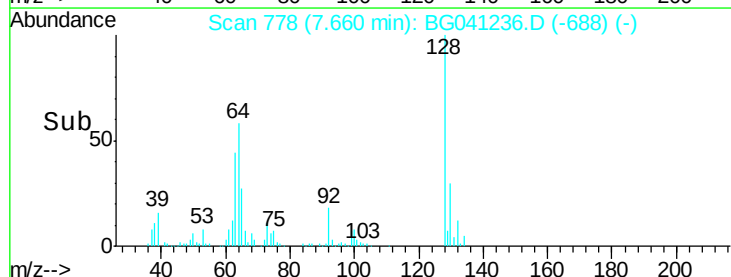
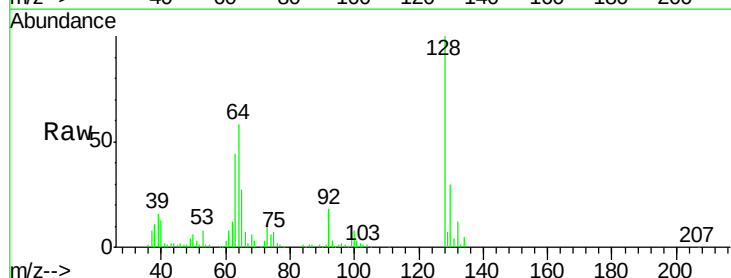
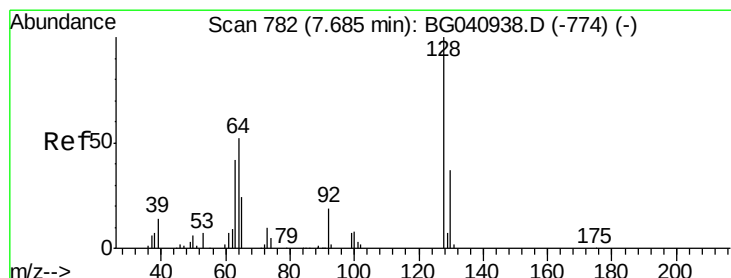
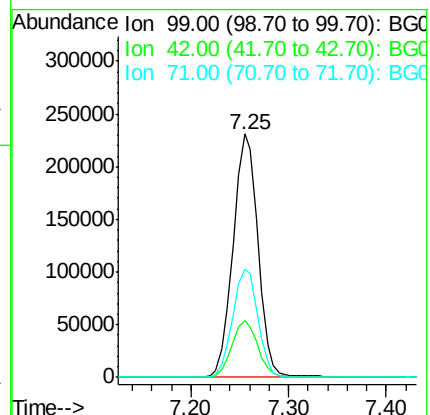
42 23.3 17.9 26.9

71 44.5 35.4 53.0

Instrument :

BNA_G

ClientSampleId :



#8

2-Chlorophenol

Concen: 44.989 ng

RT: 7.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

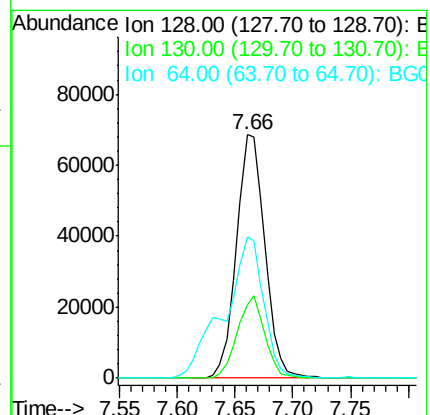
Tgt Ion: 128 Resp: 117512

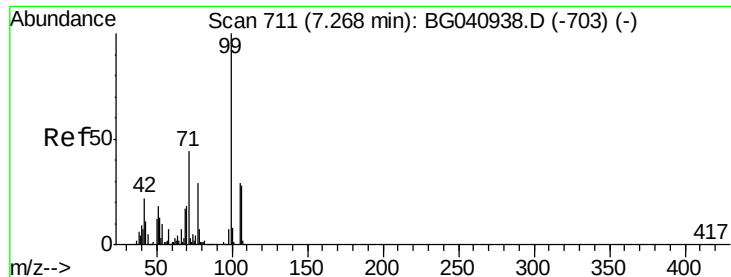
Ion Ratio Lower Upper

128 100

130 30.2 16.6 56.6

64 57.9 37.8 77.8





#9

Benzaldehyde

Concen: 16.050 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampled :

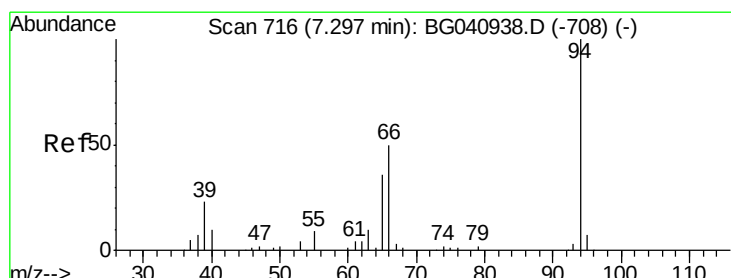
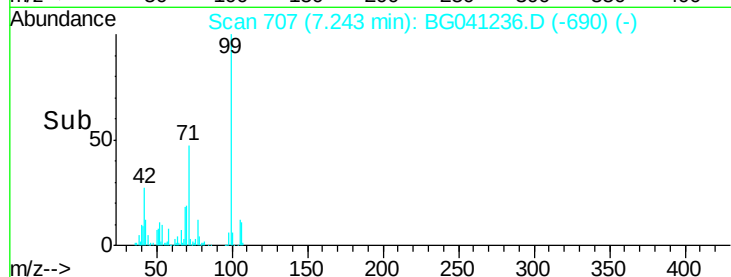
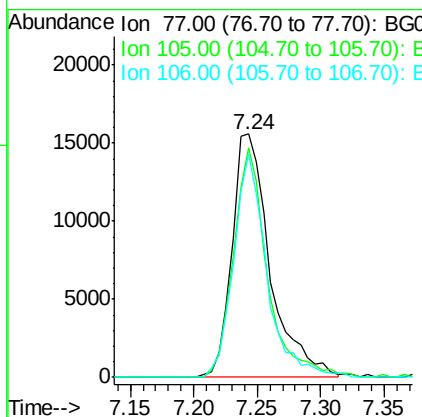
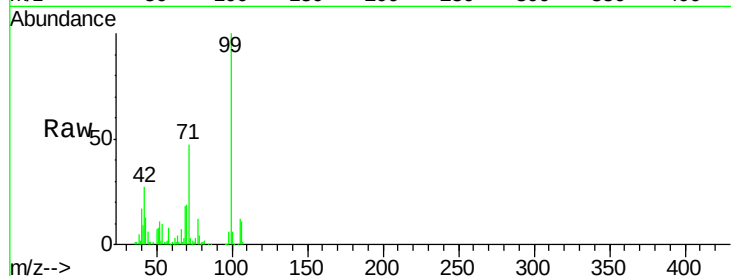
Tot Ion: 77 Resp: 32397

Ion Ratio Lower Upper

77 100

105 94.0 78.9 118.9

106 91.8 76.7 116.7



#10

Phenol

Concen: 37.613 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

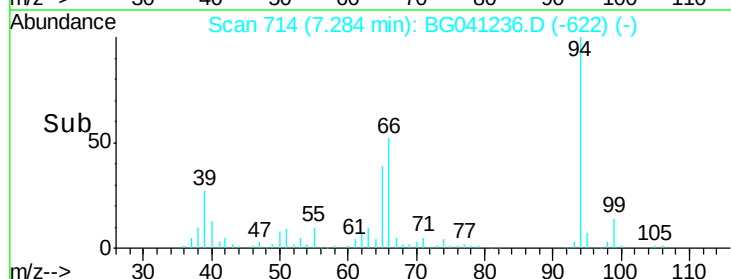
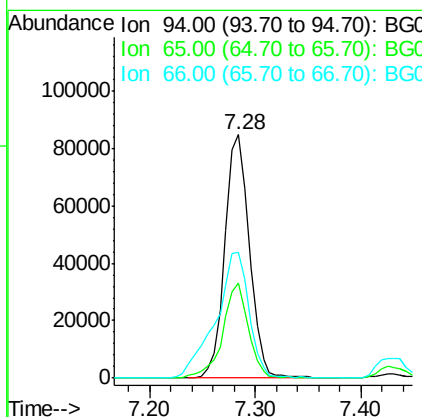
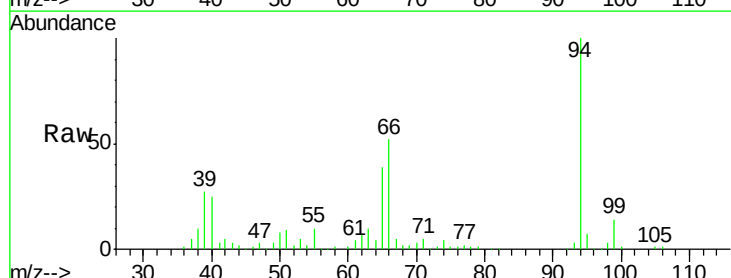
Tgt Ion: 94 Resp: 136460

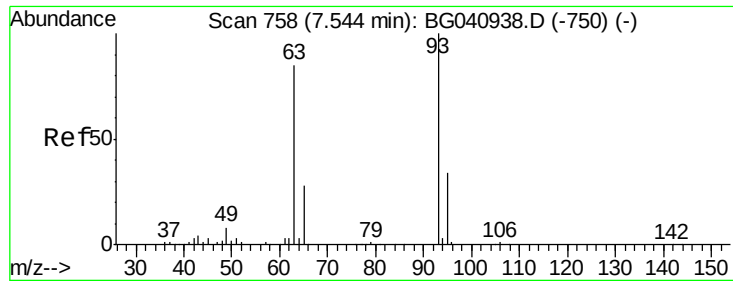
Ion Ratio Lower Upper

94 100

65 39.1 17.0 57.0

66 51.5 32.4 72.4



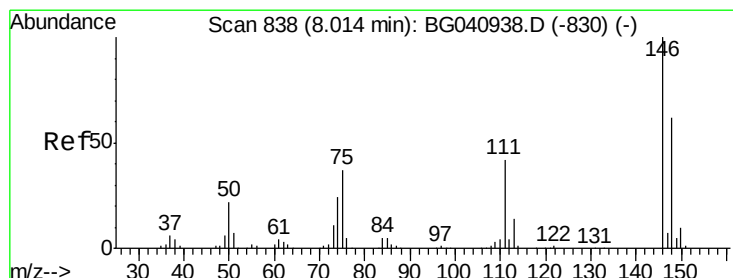
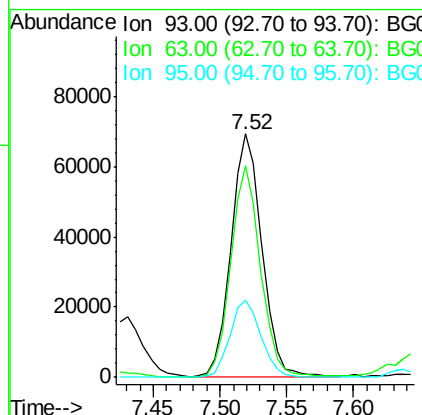
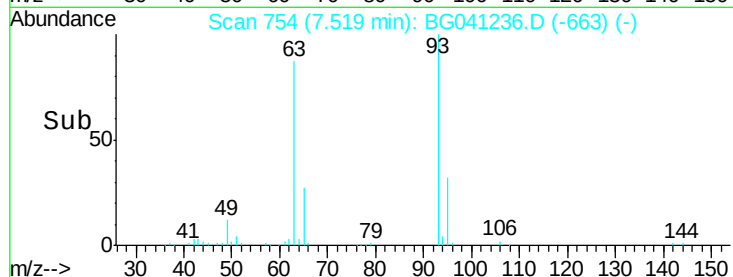
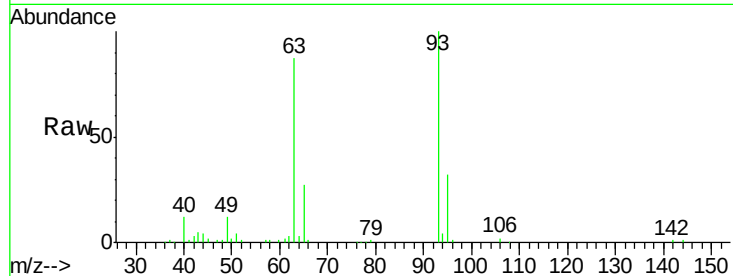


#11
 bis(2-Chloroethyl)ether
 Concen: 42.833 ng
 RT: 7.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 112732

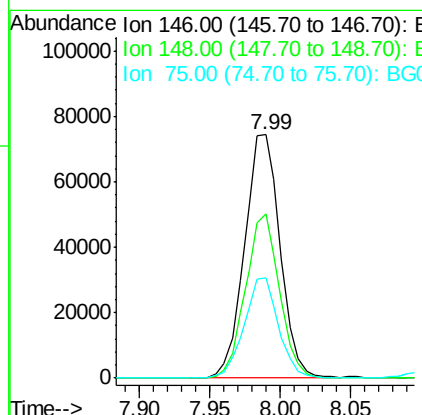
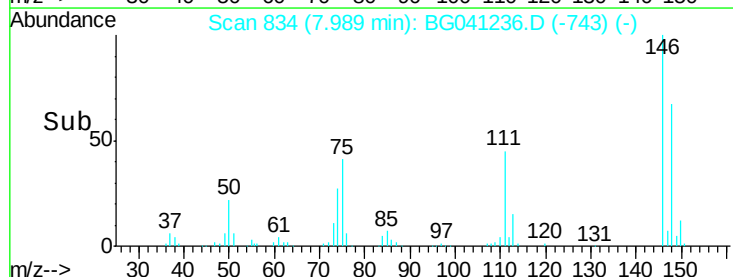
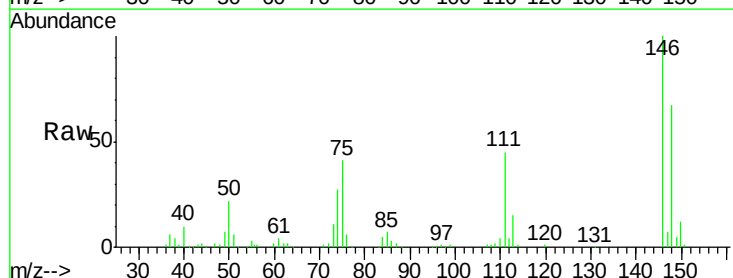
Ion	Ratio	Lower	Upper
93	100		
63	86.8	64.5	104.5
95	31.7	13.3	53.3

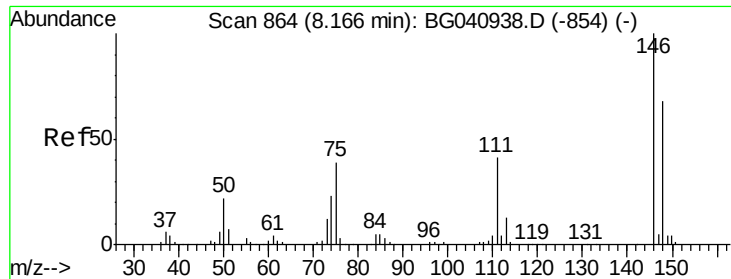


#12
 1,3-Dichlorobenzene
 Concen: 42.044 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion: 146 Resp: 131163

Ion	Ratio	Lower	Upper
146	100		
148	67.5	49.2	73.8
75	40.9	29.4	44.0

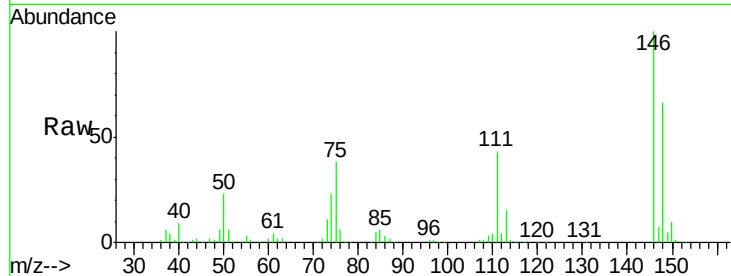




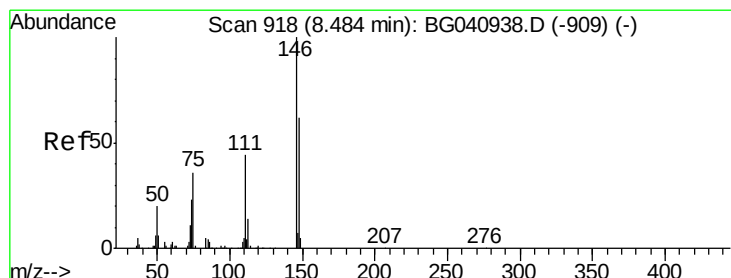
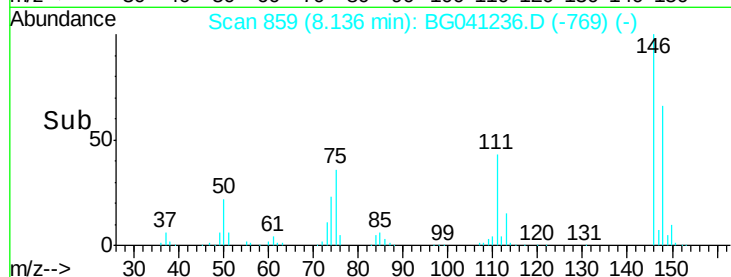
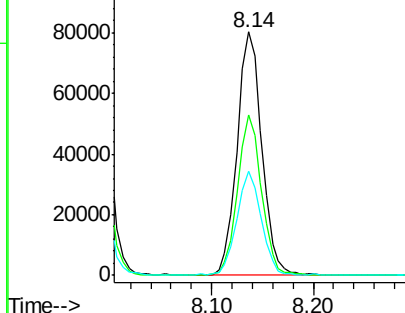
#13
 1,4-Dichlorobenzene
 Concen: 43.133 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 136204
 Ion Ratio Lower Upper
 146 100
 148 65.7 54.2 81.4
 111 42.7 32.9 49.3

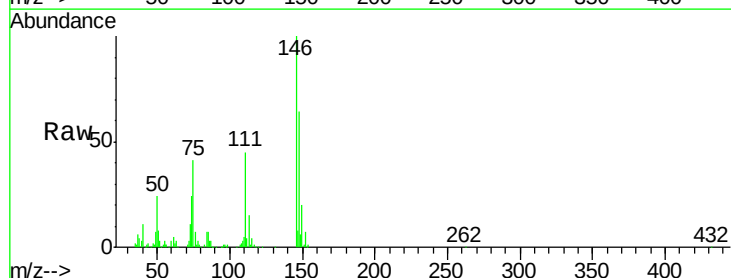


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

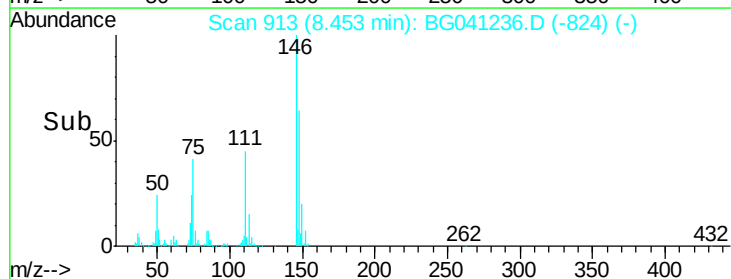
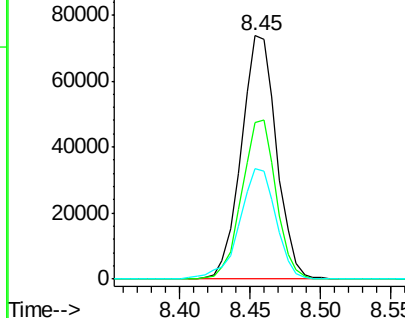


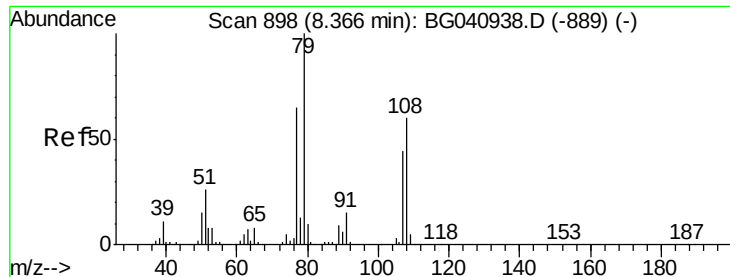
#14
 1,2-Dichlorobenzene
 Concen: 41.921 ng
 RT: 8.45 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:146 Resp: 128533
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.8 74.6
 111 45.2 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 42.099 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampled :

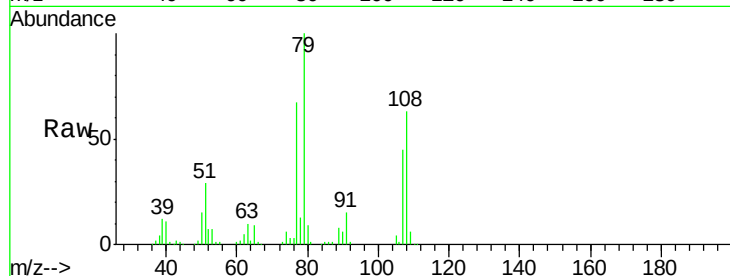
Tot Ion: 79 Resp: 131772

Ion Ratio Lower Upper

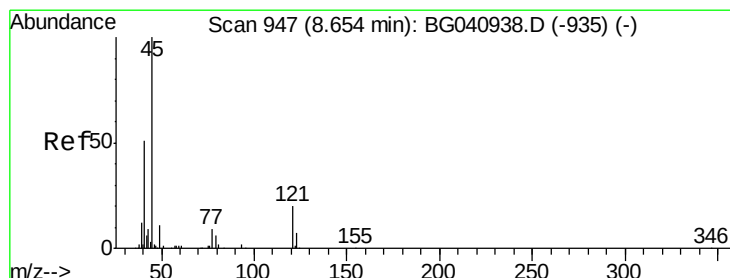
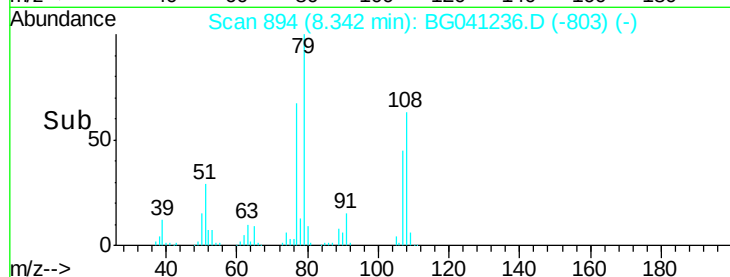
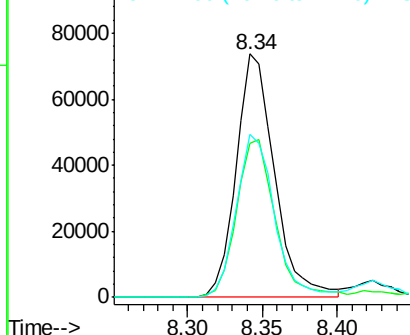
79 100

108 63.4 48.3 72.5

77 66.7 52.3 78.5



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: 40.479 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

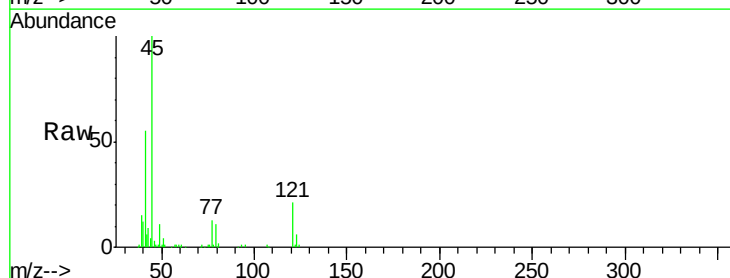
Tgt Ion: 45 Resp: 174089

Ion Ratio Lower Upper

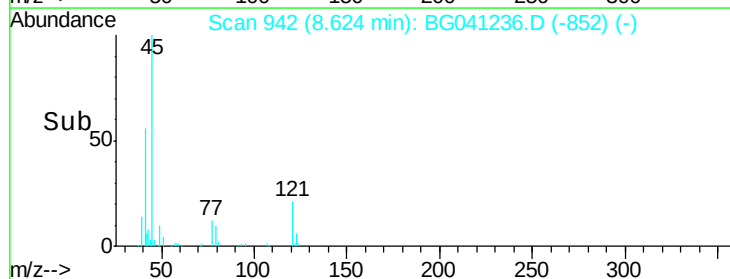
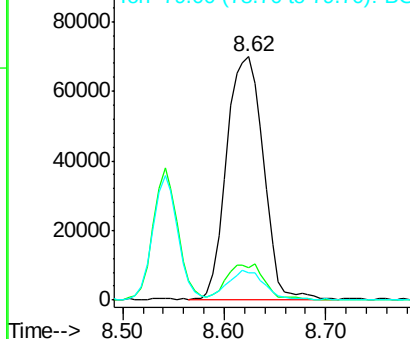
45 100

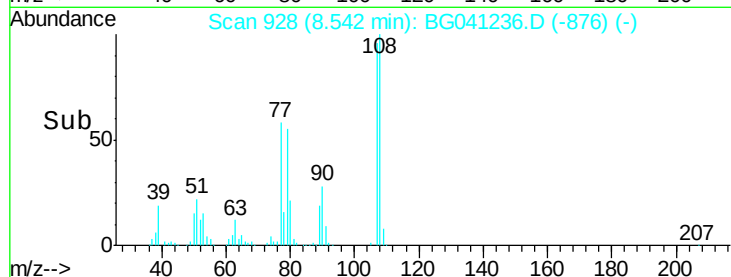
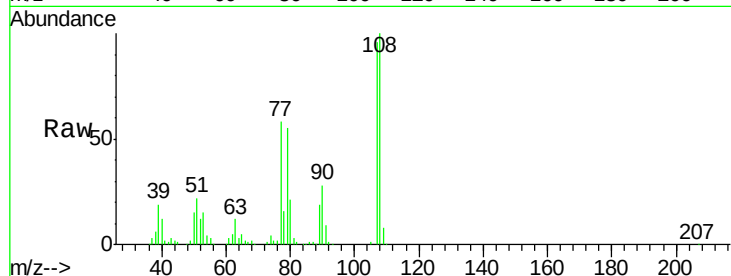
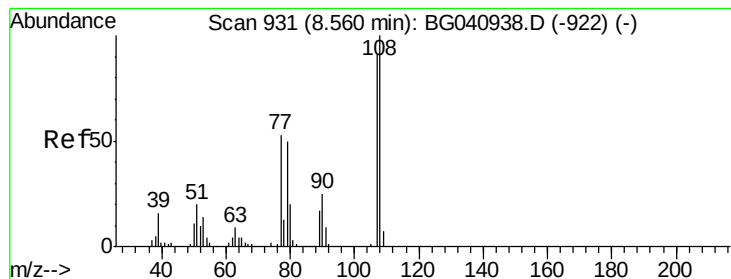
77 13.5 0.0 33.7

79 11.2 0.0 30.2



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





#17

2-Methylphenol

Concen: 41.149 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 108090

Ion Ratio Lower Upper

107 100

108 104.4 87.7 131.5

77 60.3 46.6 70.0

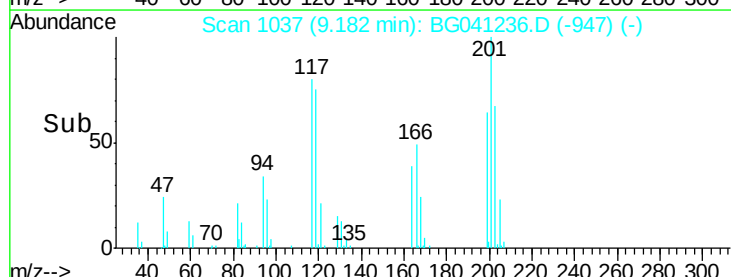
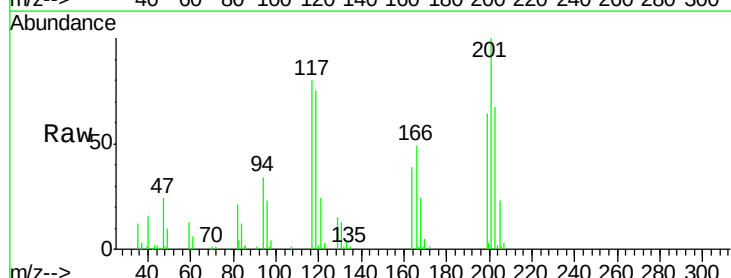
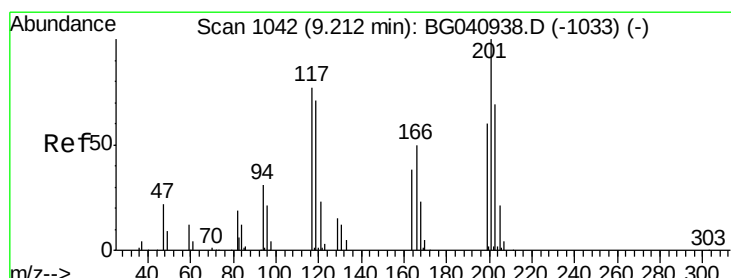
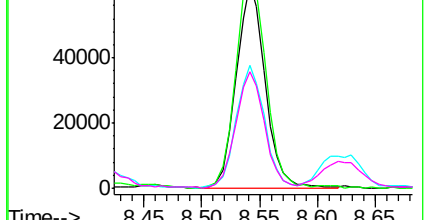
79 56.9 44.6 66.8

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: 43.328 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:117 Resp: 52733

Ion Ratio Lower Upper

117 100

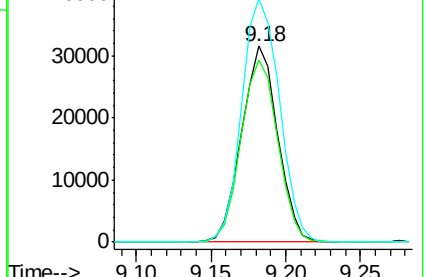
119 93.0 75.0 112.6

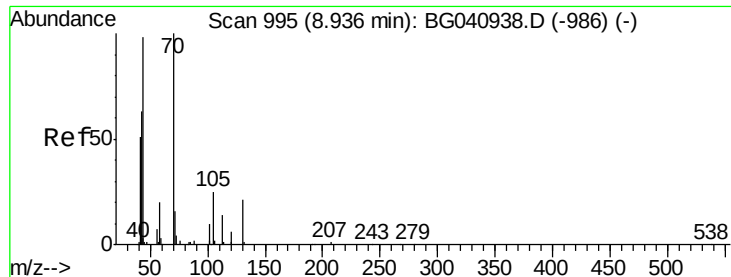
201 124.4 103.5 155.3

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

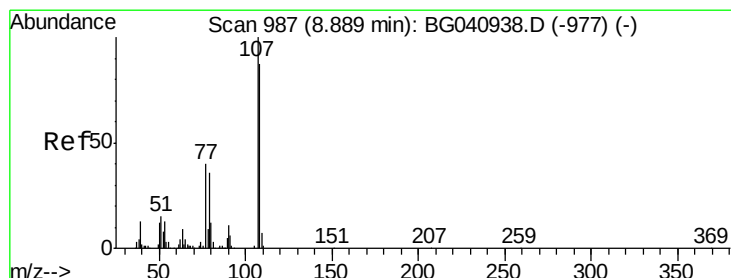
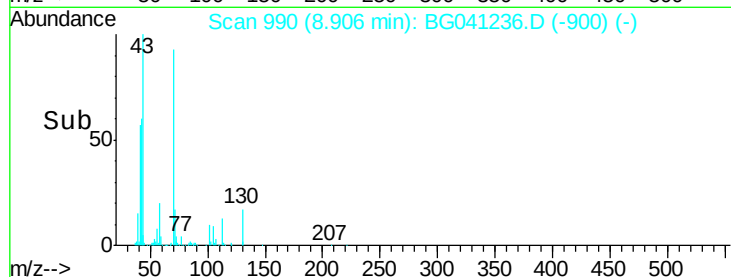
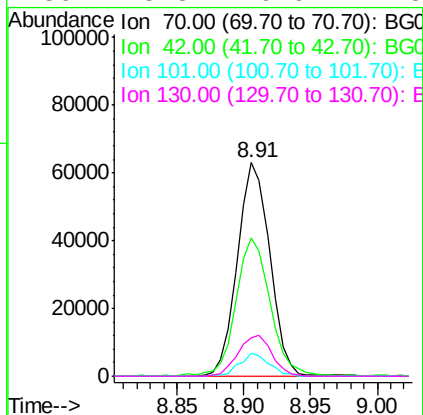
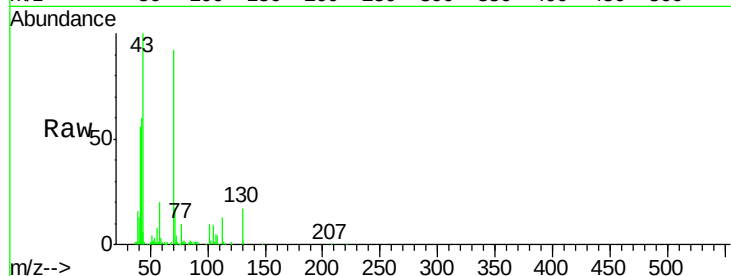




#19
 n-Nitroso-di-n-propylamine
 Concen: 40.733 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

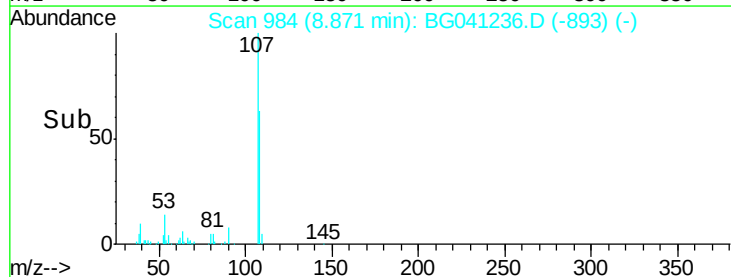
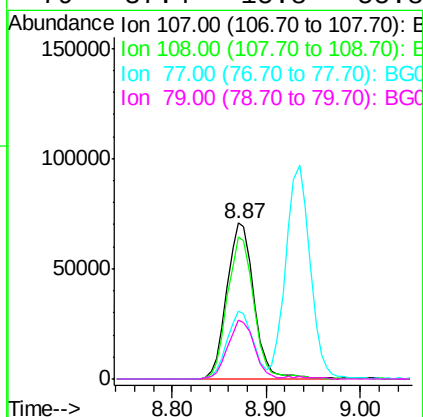
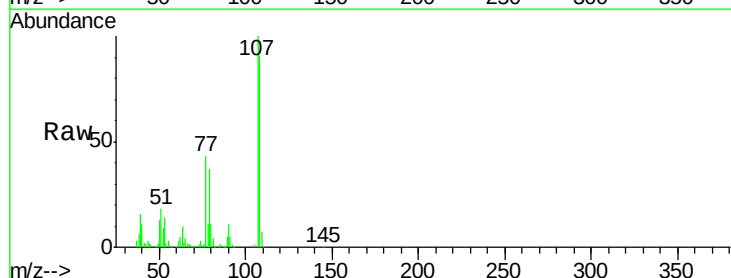
Instrument :
 BNA_G
 ClientSampleId :

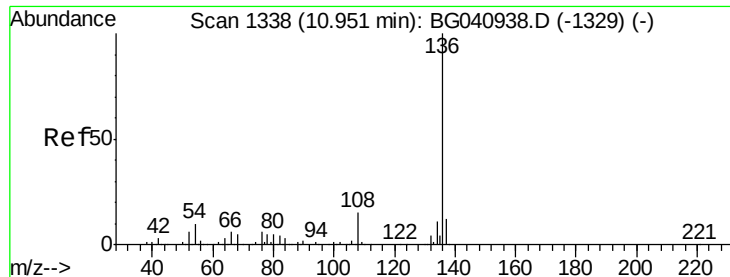
Tot Ion:	70	Resp:	106066
Ion	Ratio	Lower	Upper
70	100		
42	64.6	51.5	77.3
101	10.7	8.1	12.1
130	18.3	16.6	24.8



#20
 3+4-Methylphenols
 Concen: 39.144 ng
 RT: 8.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:	107	Resp:	142431
Ion	Ratio	Lower	Upper
107	100		
108	90.9	66.8	106.8
77	43.5	20.5	60.5
79	37.4	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 164118

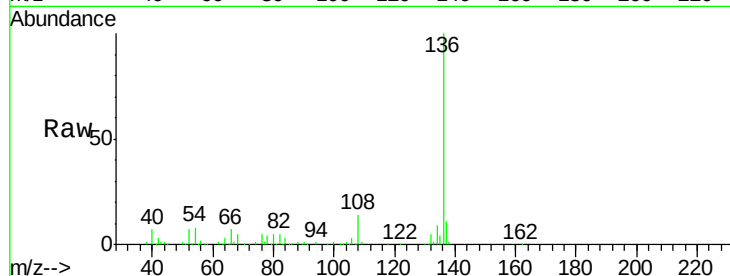
Ion Ratio Lower Upper

136 100

137 10.6 9.5 14.3

54 7.6 7.6 11.4

68 4.9 3.9 5.9

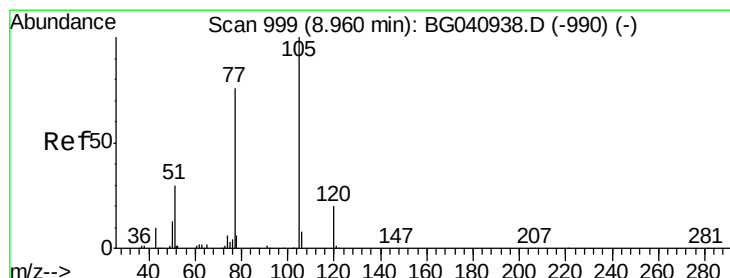
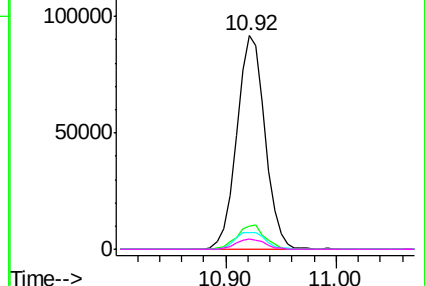
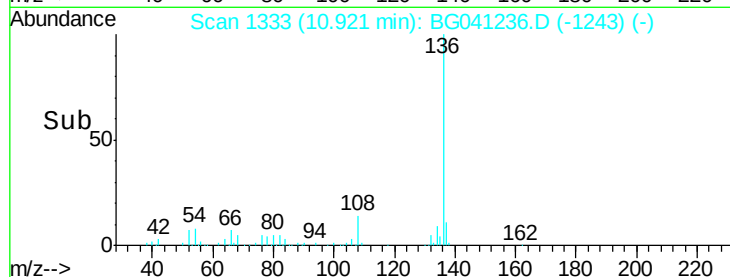


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.083 ng

RT: 8.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:105 Resp: 202949

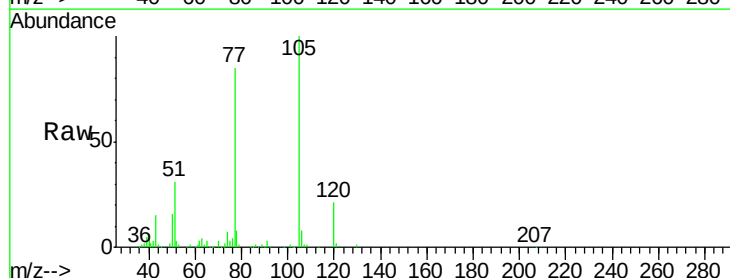
Ion Ratio Lower Upper

105 100

71 0.5 0.4 0.6

51 30.8 27.0 40.6

120 20.6 16.2 24.4

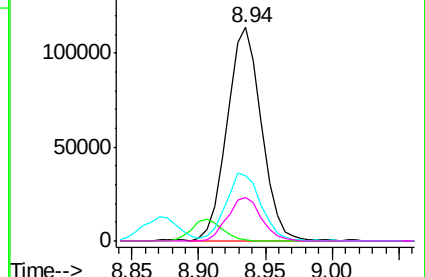
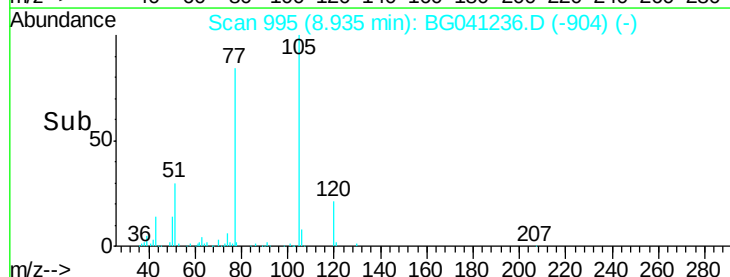


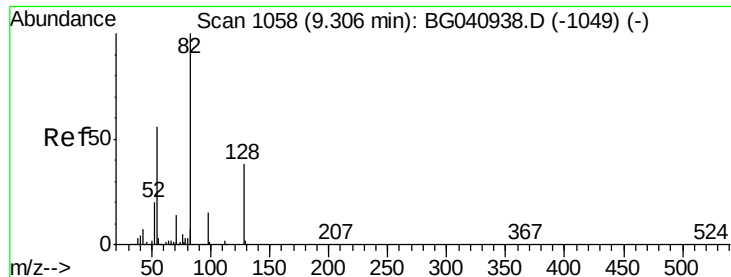
Abundance Ion 105.00 (104.70 to 105.70): E

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

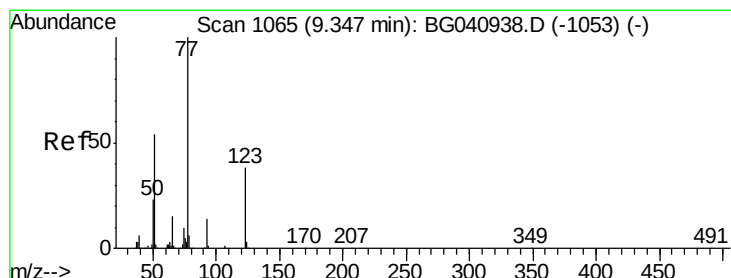
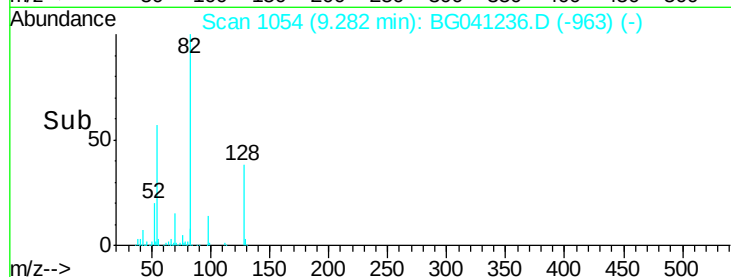
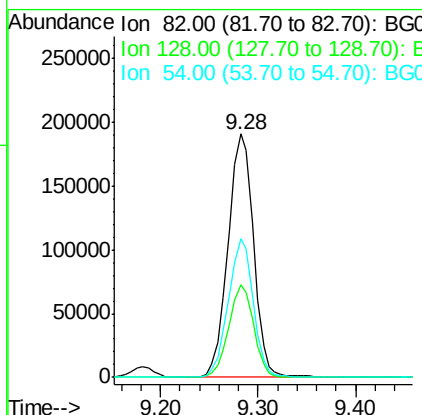
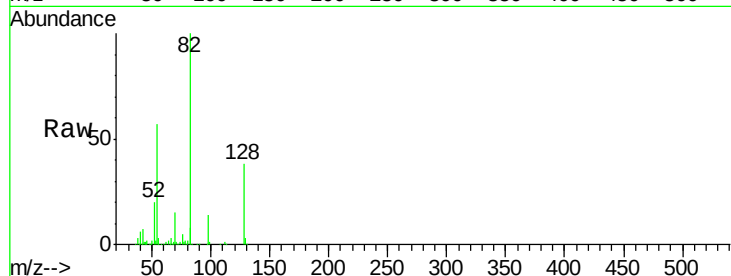




#23
 Nitrobenzene-d5
 Concen: 93.902 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

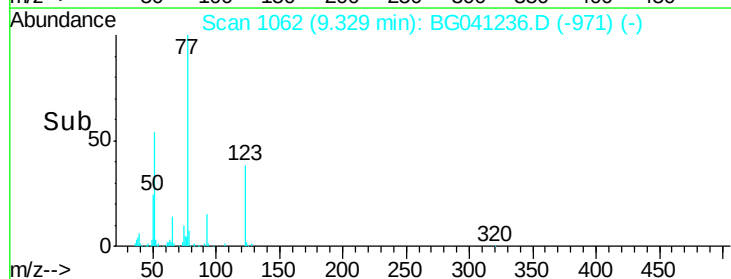
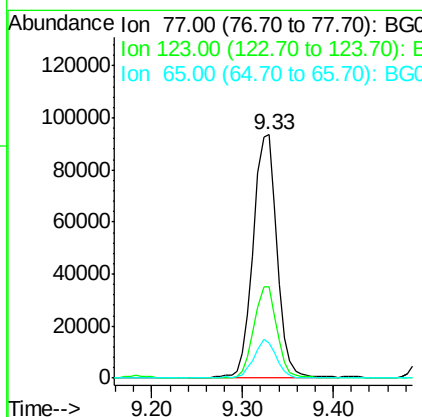
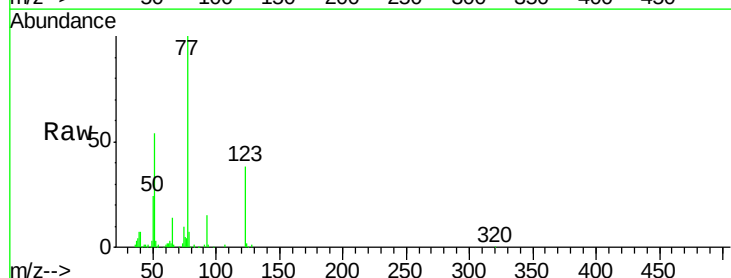
Instrument :
 BNA_G
 ClientSampleId :

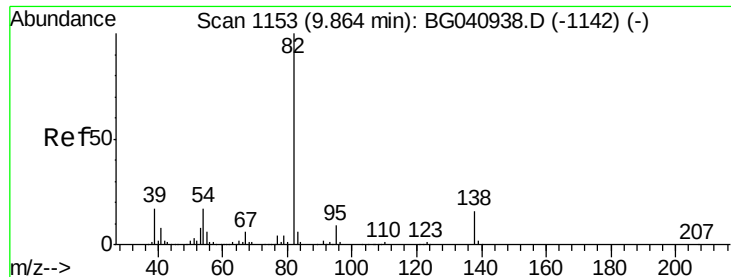
Tot Ion	82	Resp	347144
Ion Ratio	Lower	Upper	
82	100		
128	37.9	30.5	45.7
54	56.8	44.6	66.8



#24
 Nitrobenzene
 Concen: 45.448 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion	77	Resp	171223
Ion Ratio	Lower	Upper	
77	100		
123	37.5	30.6	46.0
65	14.4	12.3	18.5





#25

Isophorone

Concen: 42.677 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

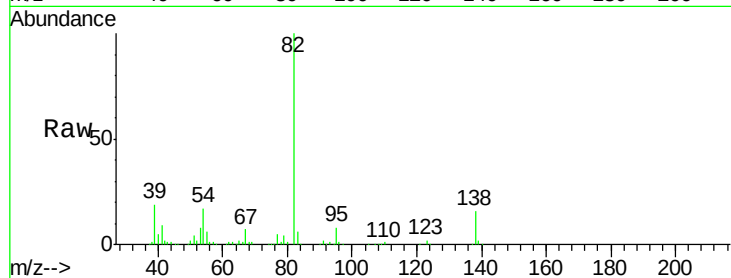
Tot Ion: 82 Resp: 300253

Ion Ratio Lower Upper

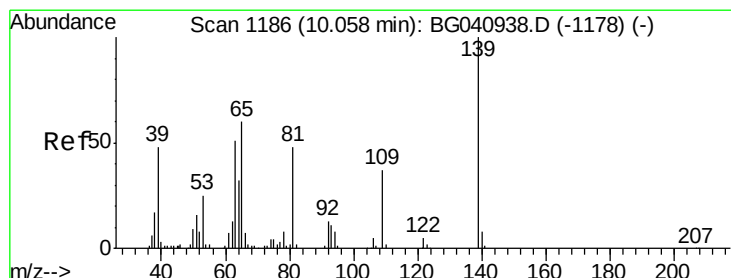
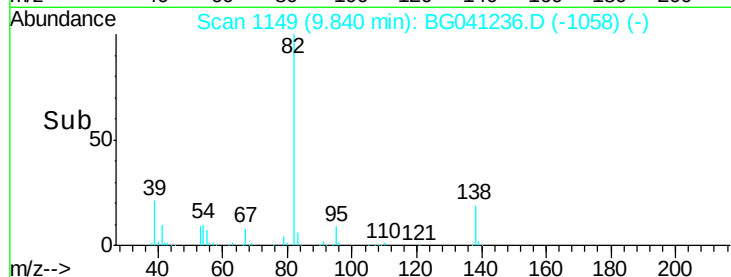
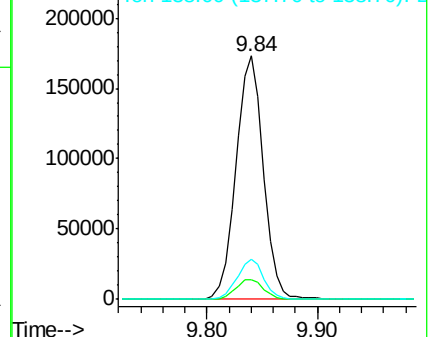
82 100

95 8.1 7.0 10.4

138 16.4 12.6 19.0



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: 48.717 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

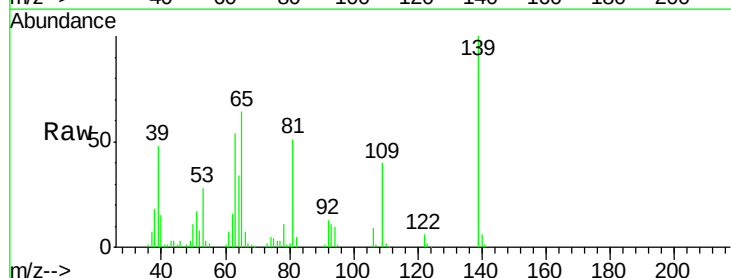
Tgt Ion: 139 Resp: 75664

Ion Ratio Lower Upper

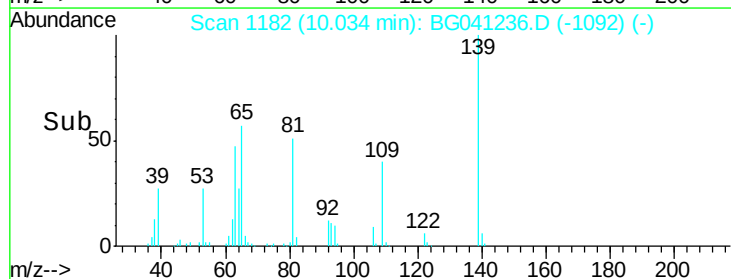
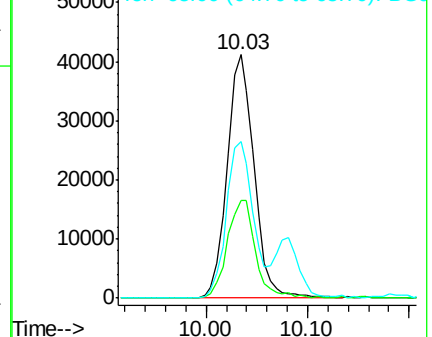
139 100

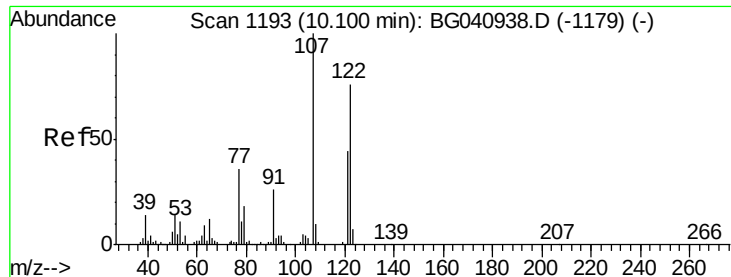
109 40.2 29.8 44.6

65 64.2 47.8 71.6



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

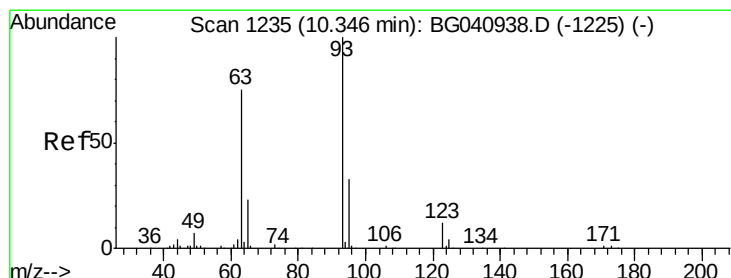
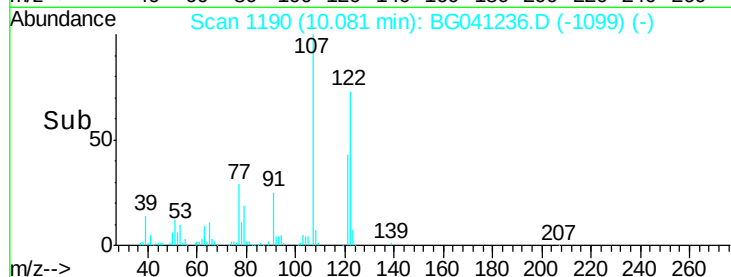
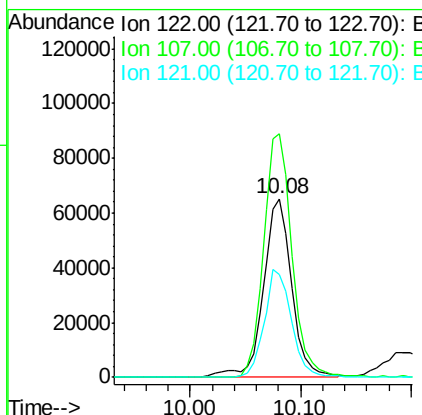
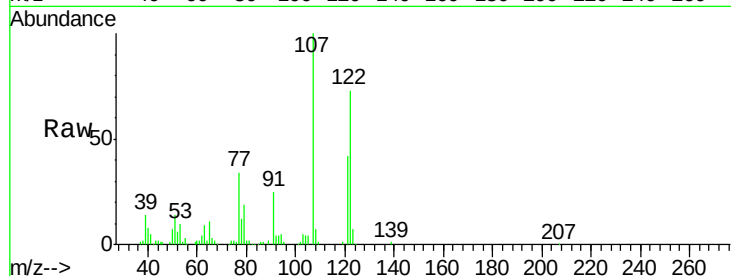




#27
 2,4-Dimethylphenol
 Concen: 45.407 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

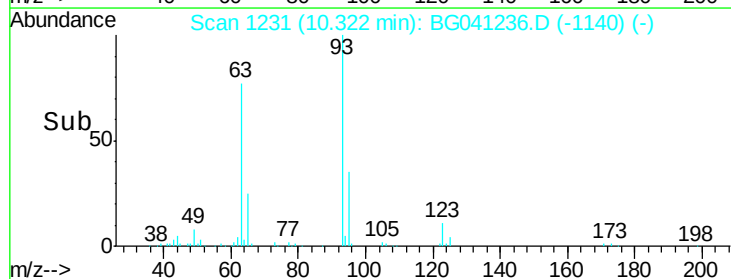
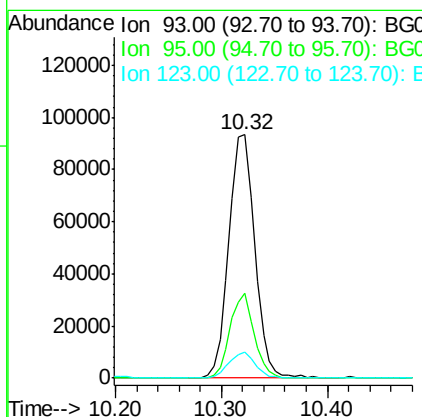
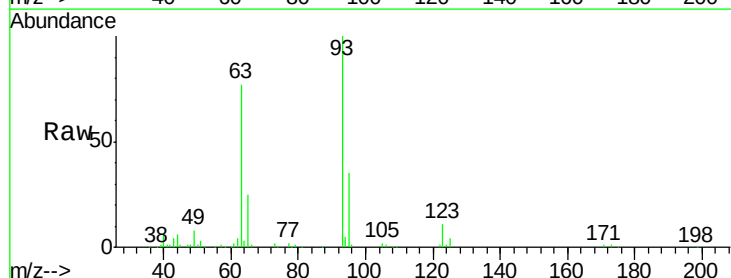
Instrument :
 BNA_G
 ClientSampled :

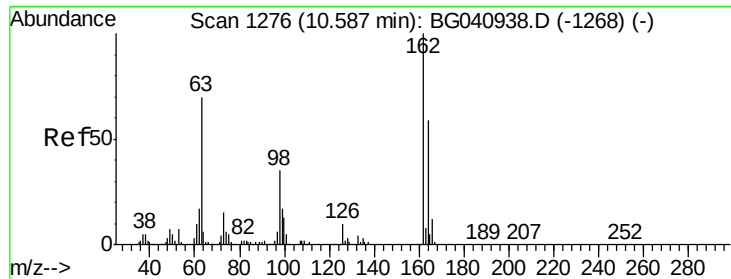
Tot Ion:122 Resp: 116474
 Ion Ratio Lower Upper
 122 100
 107 136.2 105.9 158.9
 121 57.8 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.924 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion: 93 Resp: 159193
 Ion Ratio Lower Upper
 93 100
 95 35.0 26.2 39.2
 123 10.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.856 ng

RT: 10.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampled :

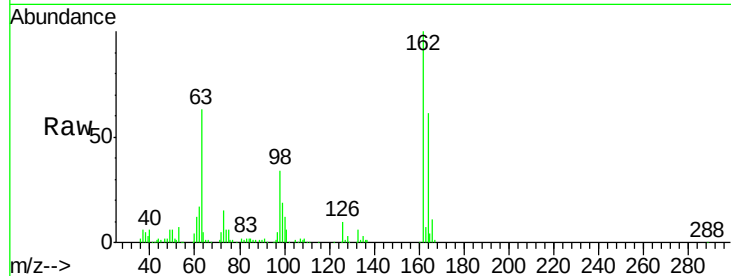
Tot Ion:162 Resp: 139596

Ion Ratio Lower Upper

162 100

164 60.9 39.4 79.4

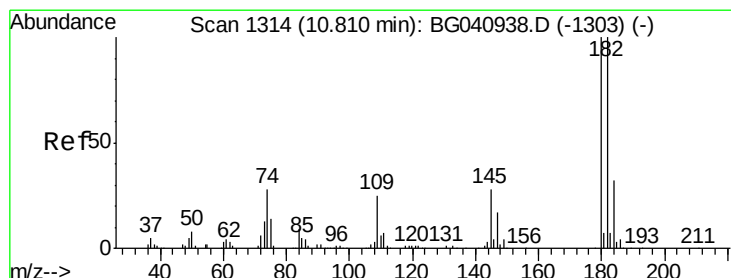
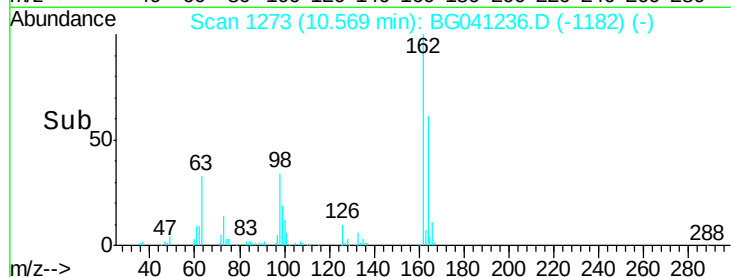
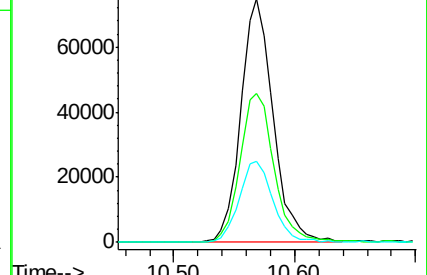
98 33.5 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.140 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

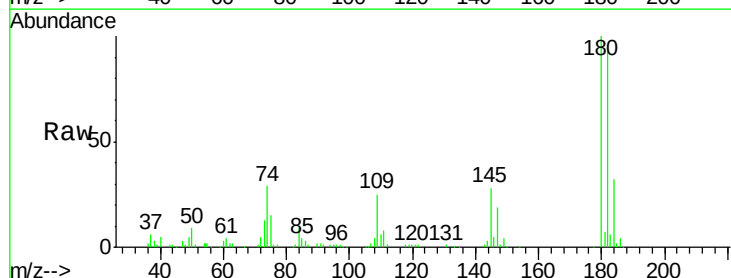
Tgt Ion:180 Resp: 159858

Ion Ratio Lower Upper

180 100

182 92.9 79.7 119.5

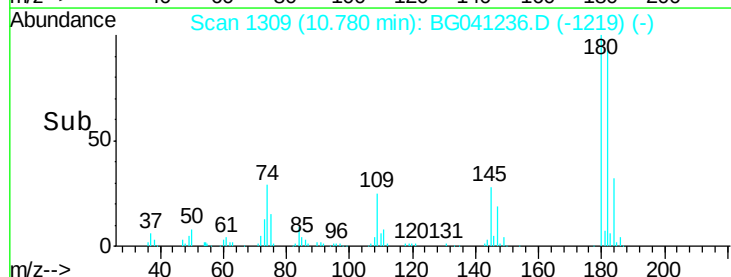
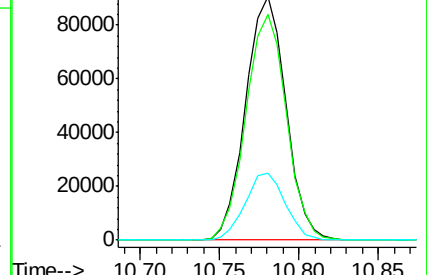
145 27.7 22.6 34.0

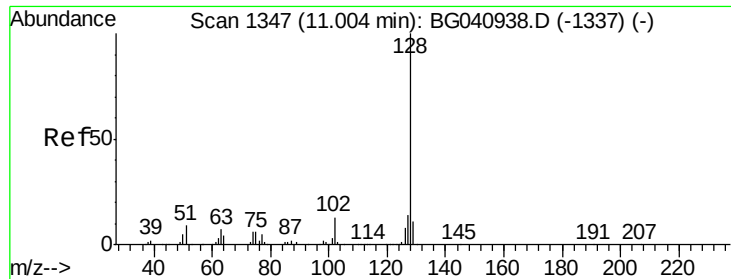


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

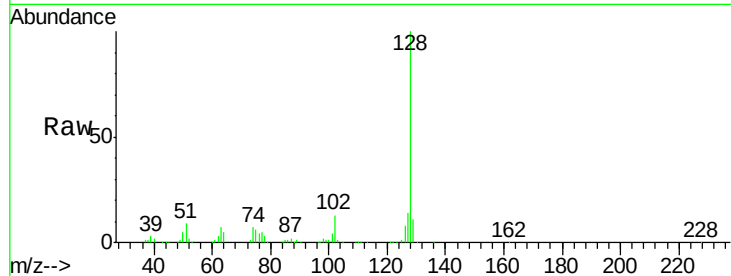




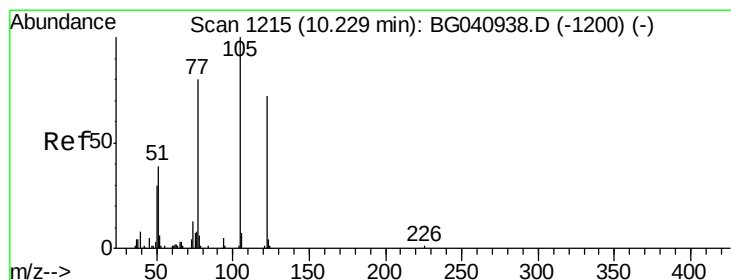
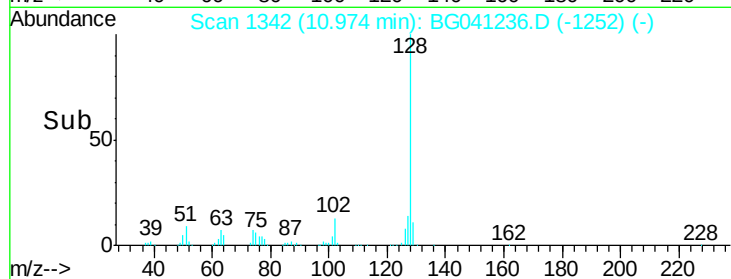
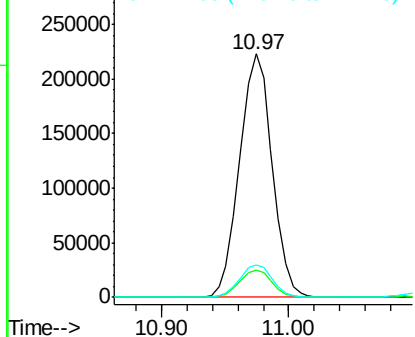
#31
Naphthalene
Concen: 45.116 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 397548
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.5 11.4 17.2

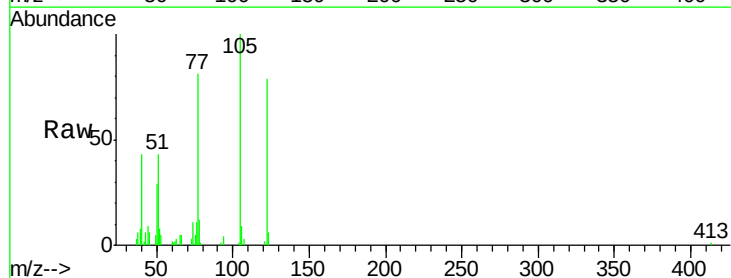


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

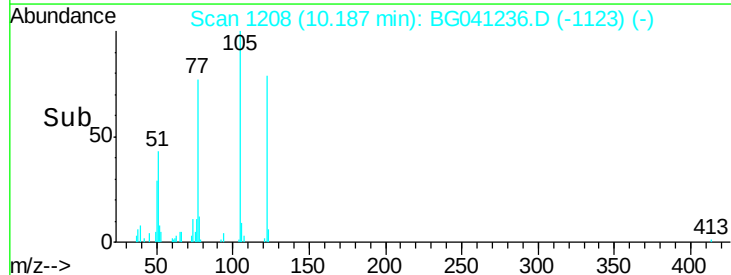
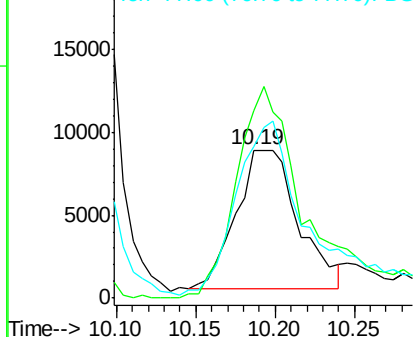


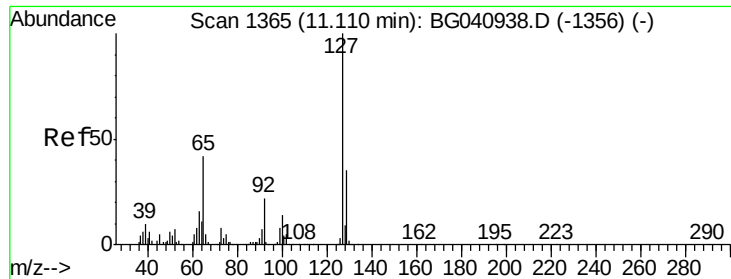
#32
Benzoic acid
Concen: 17.552 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.03 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion:122 Resp: 22625
Ion Ratio Lower Upper
122 100
105 126.7 114.8 154.8
77 102.3 89.9 129.9



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

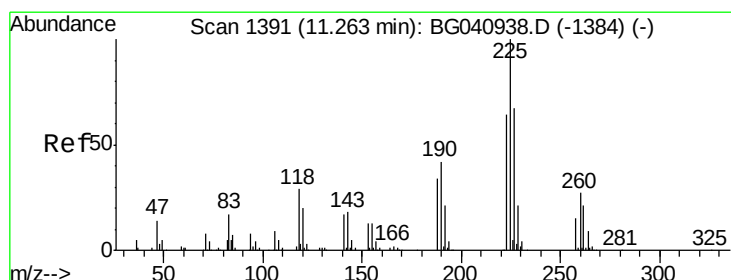
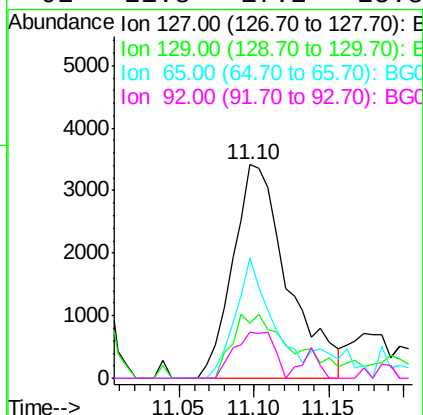
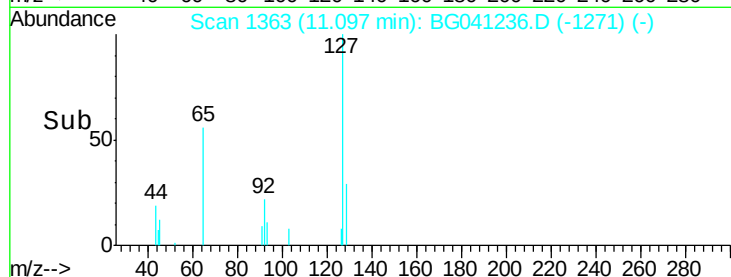
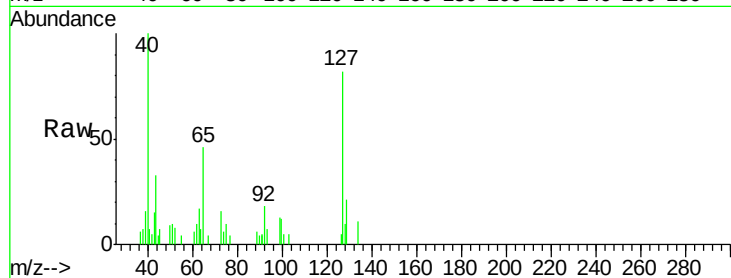




#33
4-Chloroaniline
Concen: 2.134 ng
RT: 11.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

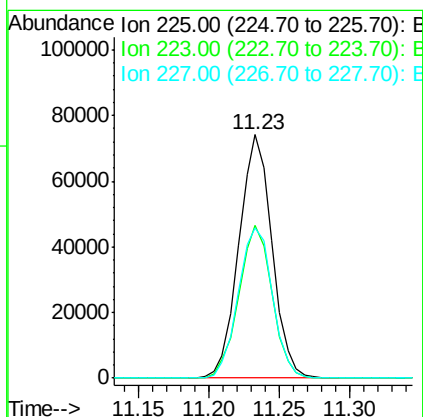
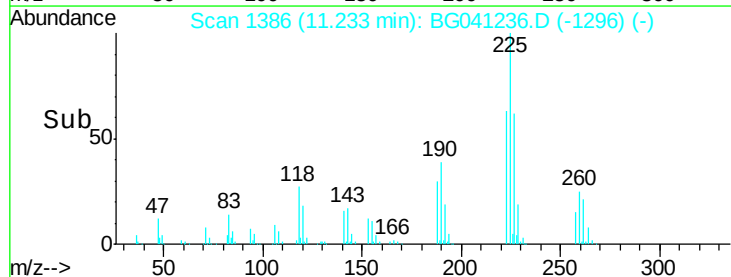
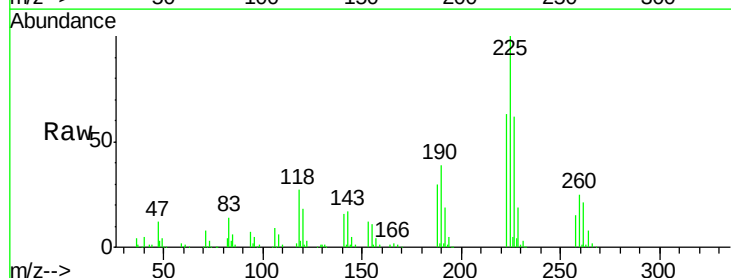
Instrument :
BNA_G
ClientSampleId :

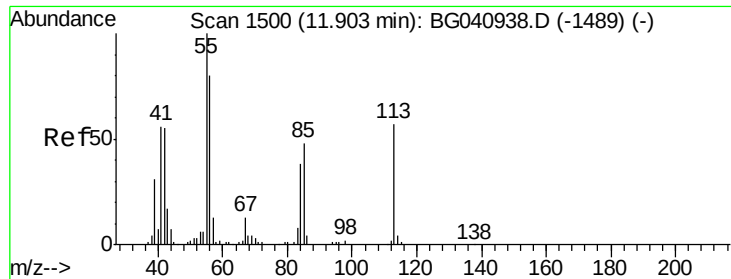
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	25.8	27.7	41.5#	
65	56.3	33.2	49.8#	
92	21.8	17.2	25.8	



#34
Hexachlorobutadiene
Concen: 42.787 ng
RT: 11.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.8	48.8	73.2	
227	61.8	51.4	77.0	

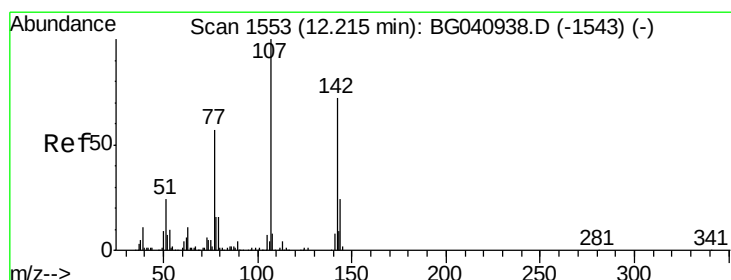
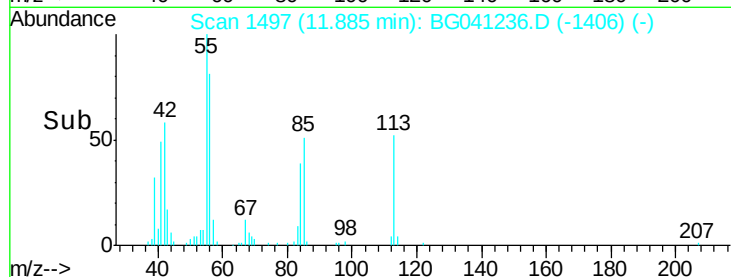
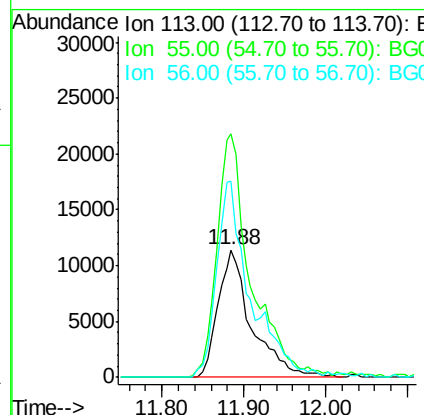
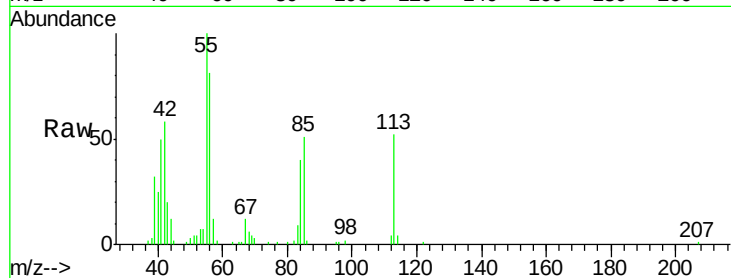




#35
 Caprolactam
 Concen: 30.289 ng
 RT: 11.88 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

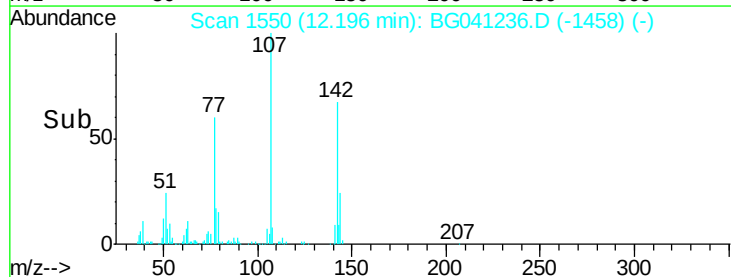
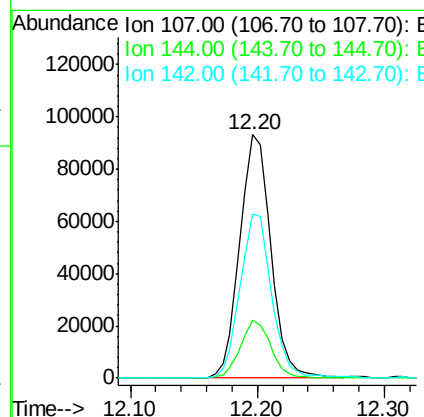
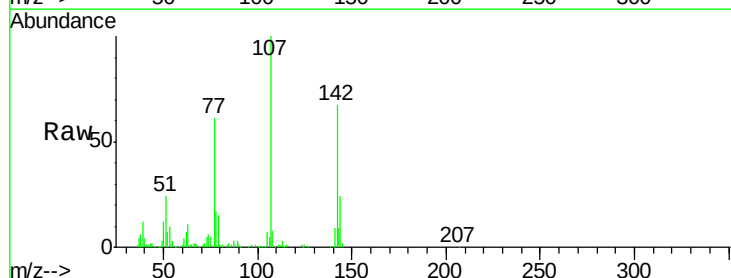
Instrument :
 BNA_G
 ClientSampled :

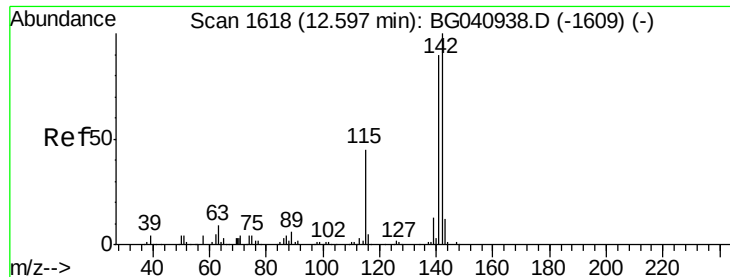
Tot Ion:113 Resp: 32581
 Ion Ratio Lower Upper
 113 100
 55 191.0 155.9 195.9
 56 154.3 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.678 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:107 Resp: 158765
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.4 29.0
 142 67.3 57.3 85.9

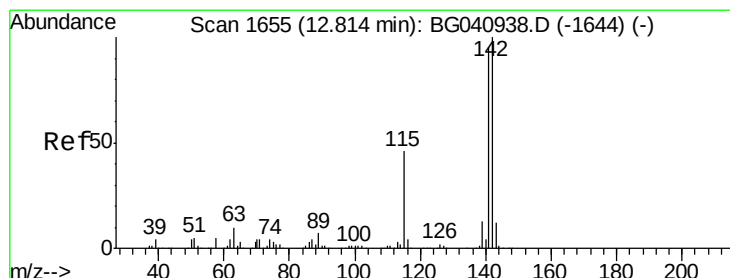
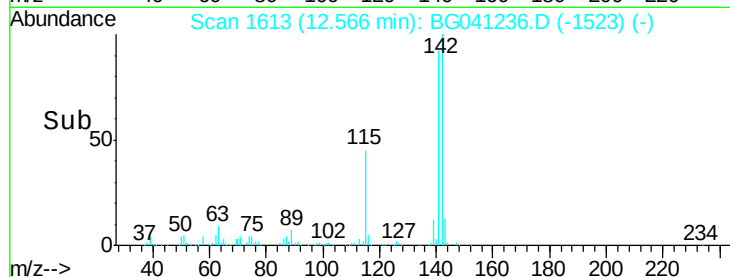
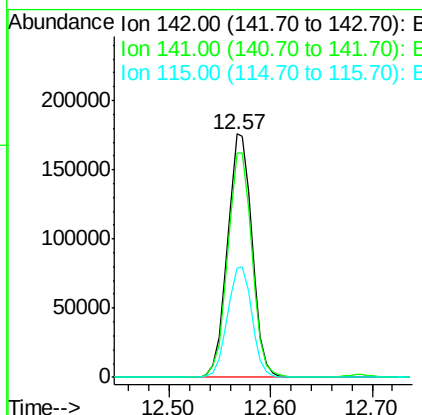
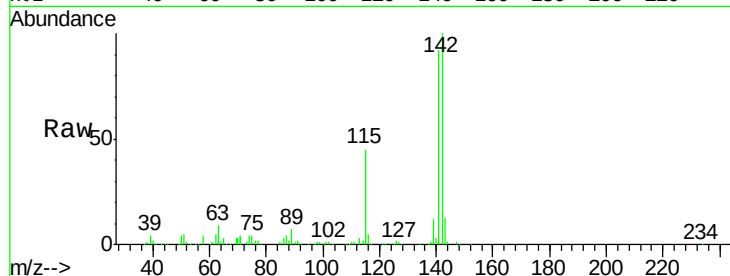




#37
2-Methylnaphthalene
Concen: 43.452 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

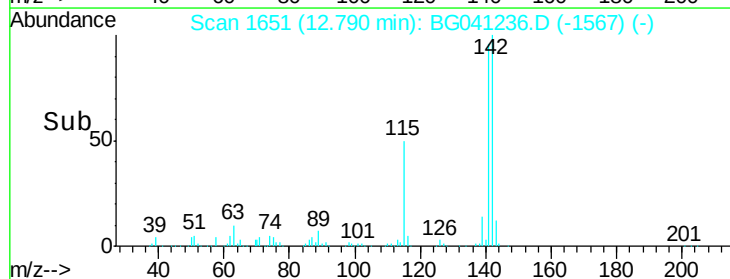
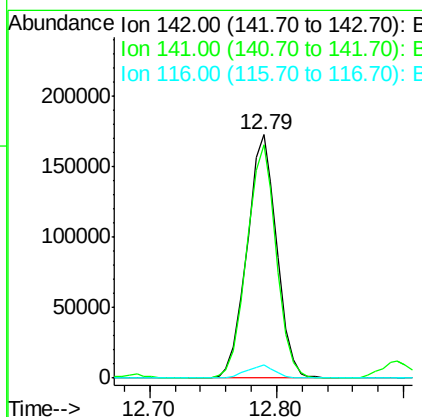
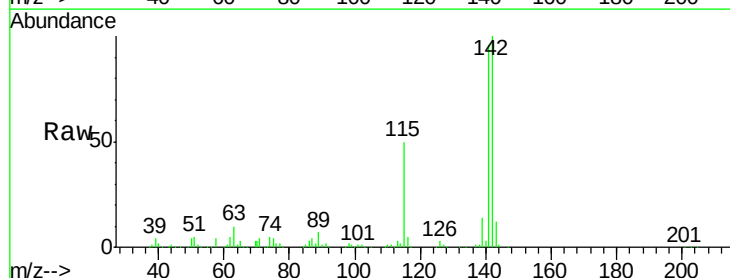
Instrument :
BNA_G
ClientSampleId :

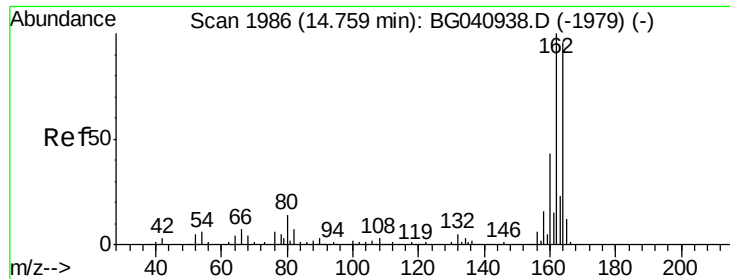
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.4
115	44.7	36.2	54.4



#38
1-Methylnaphthalene
Concen: 43.993 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.7	113.5
116	5.4	3.4	5.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

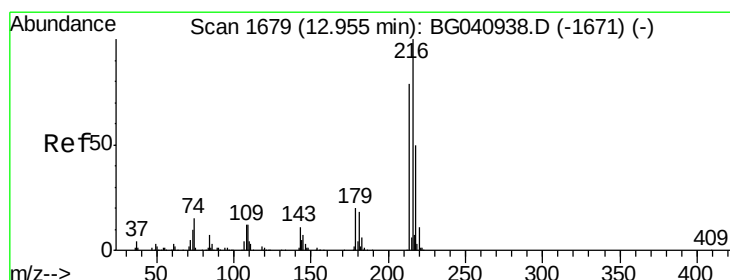
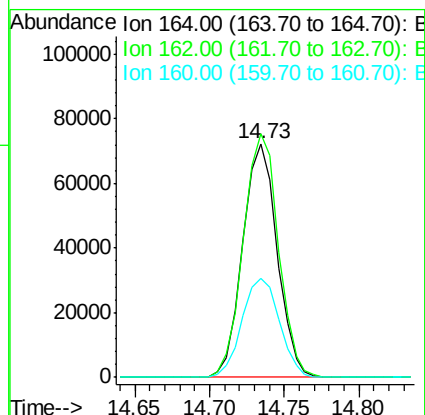
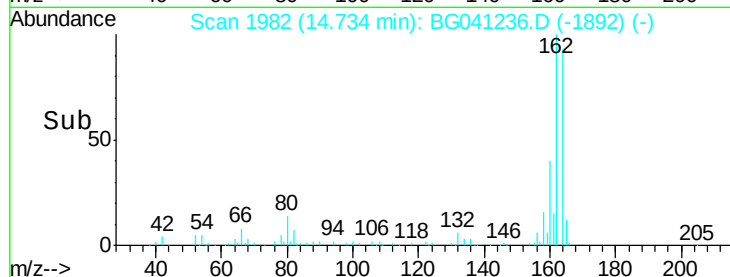
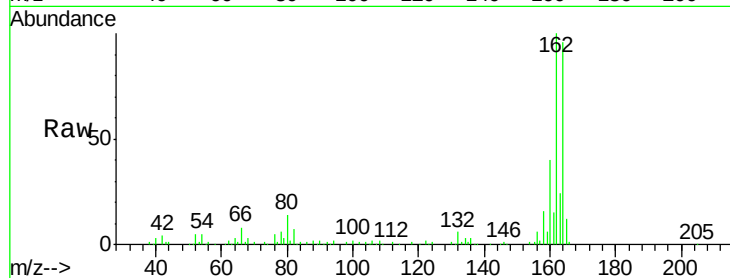
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 115560

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.4
160	42.1	35.6	53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.270 ng

RT: 12.93 min Scan# 1675

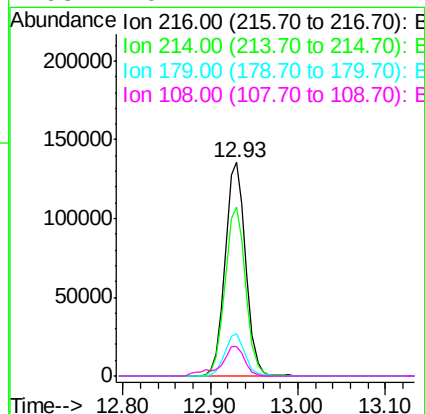
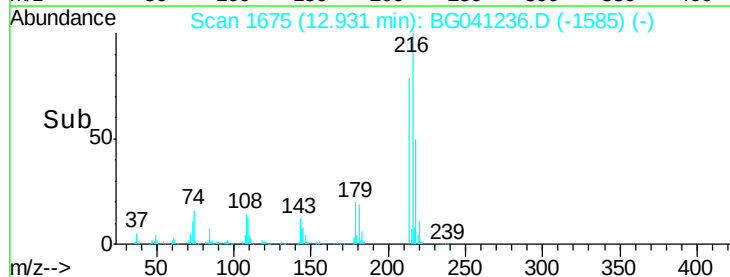
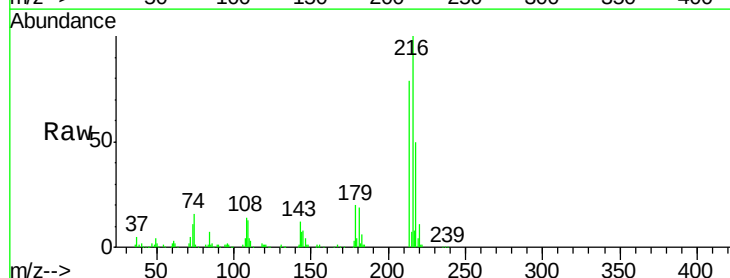
Delta R.T. -0.00 min

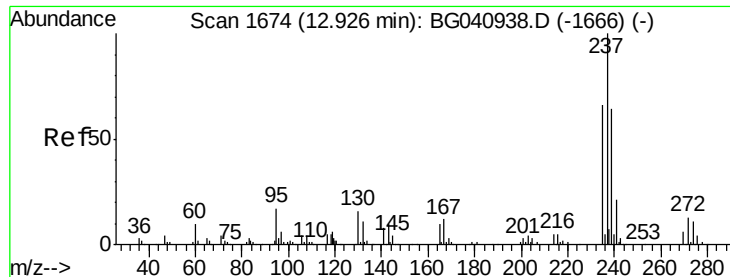
Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:216 Resp: 220169

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	19.2	15.2	22.8
108	16.2	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 80.605 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

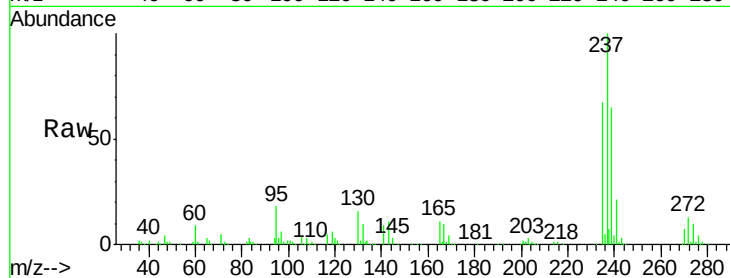
Tot Ion:237 Resp: 201988

Ion Ratio Lower Upper

237 100

235 67.1 45.5 85.5

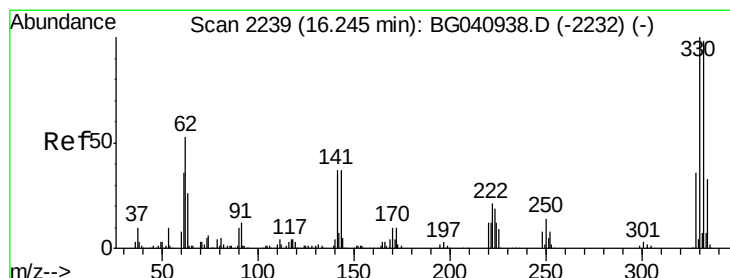
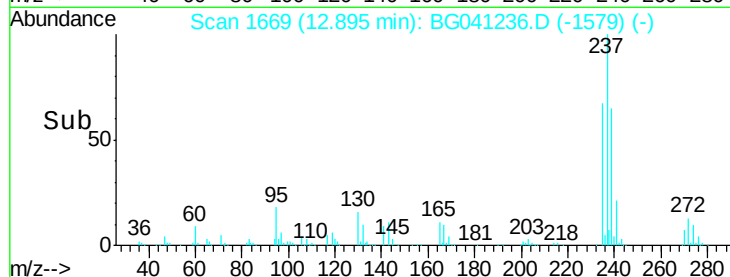
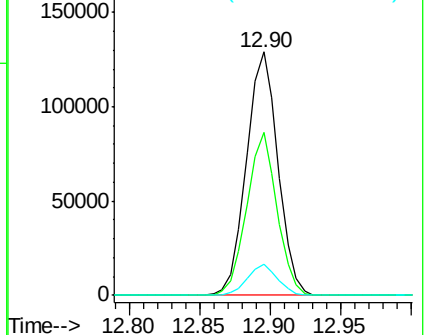
272 12.7 0.0 32.9



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: 146.093 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

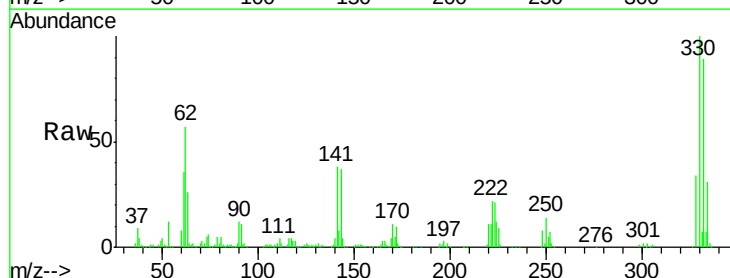
Tgt Ion:330 Resp: 250633

Ion Ratio Lower Upper

330 100

332 94.2 78.5 117.7

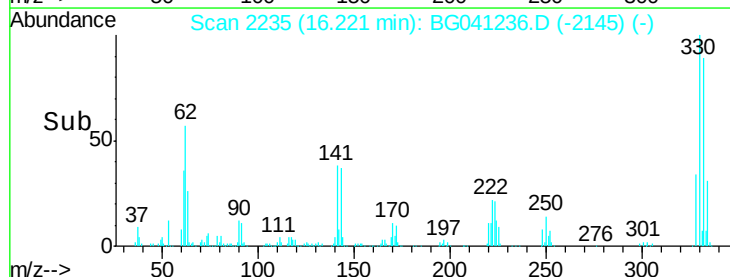
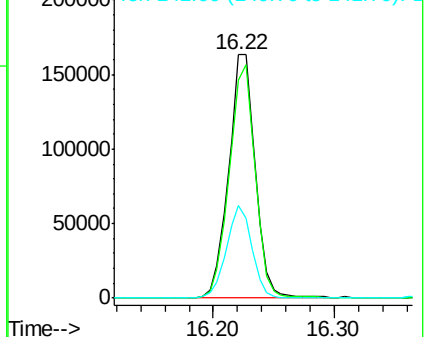
141 36.3 28.7 43.1

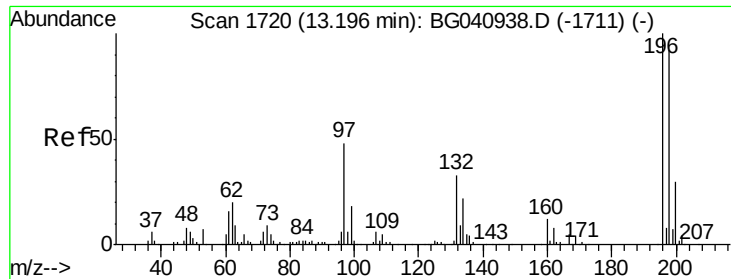


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

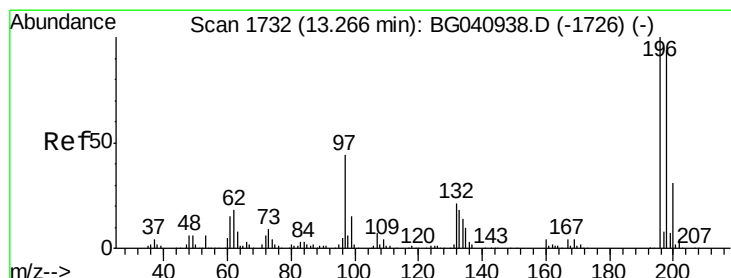
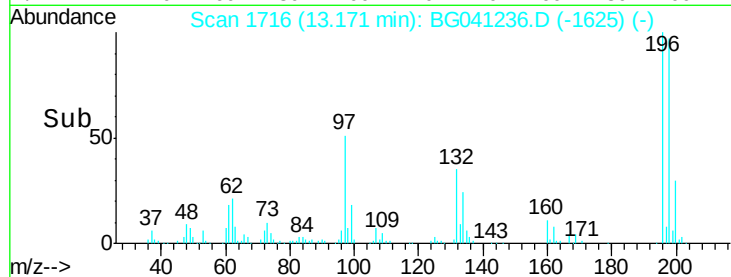
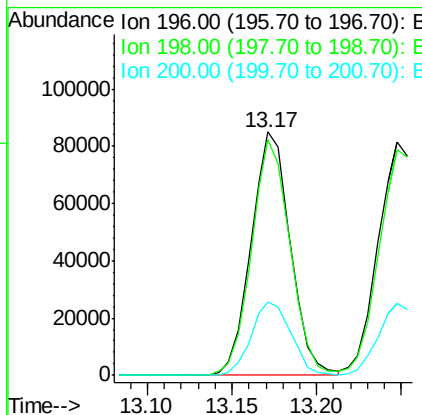
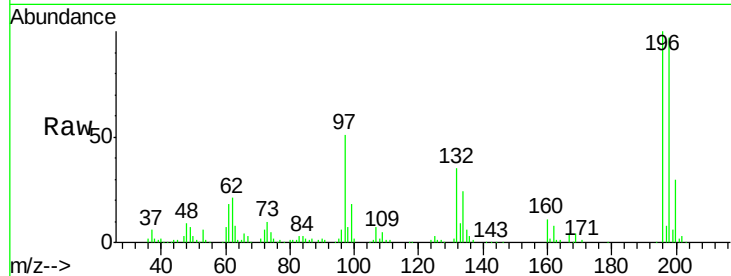




#43
 2,4,6-Trichlorophenol
 Concen: 45.295 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

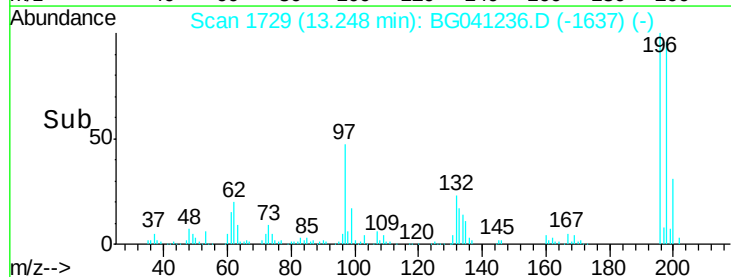
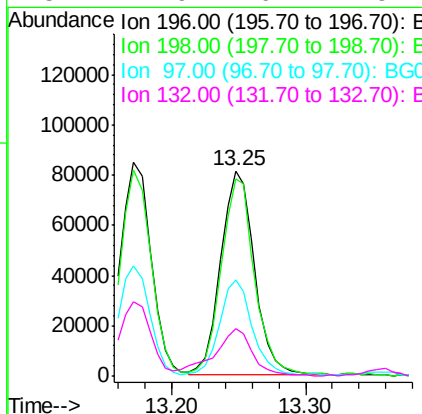
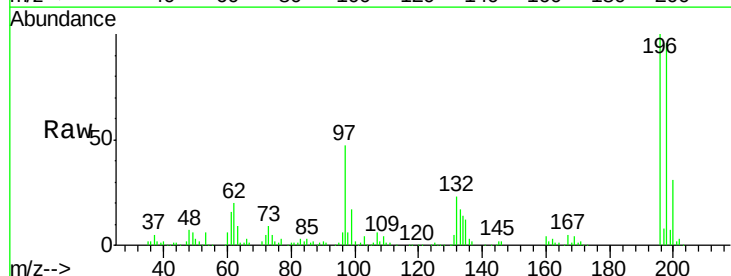
Instrument :
 BNA_G
 ClientSampleId :

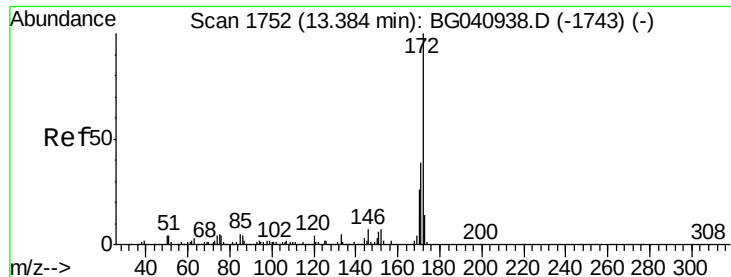
Tot Ion:196 Resp: 136480
 Ion Ratio Lower Upper
 196 100
 198 96.7 73.8 110.6
 200 30.2 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.243 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:196 Resp: 143771
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.1 112.7
 97 47.1 35.6 53.4
 132 22.9 16.7 25.1

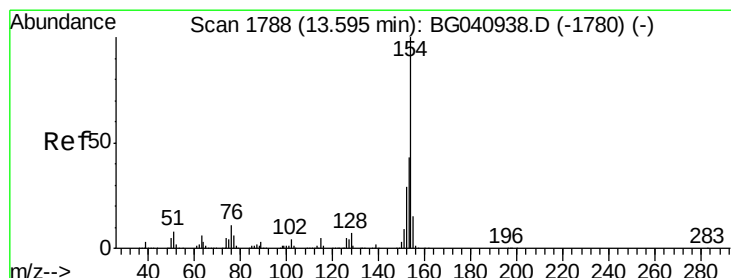
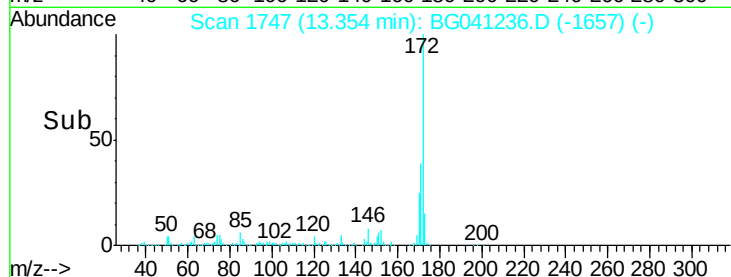
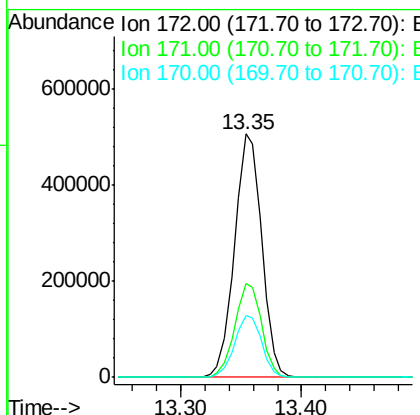
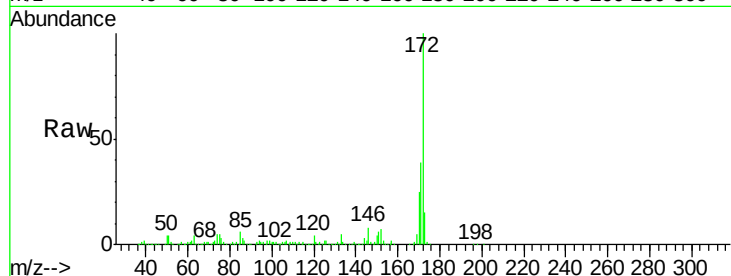




#45
2-Fluorobiphenyl
Concen: 98.879 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

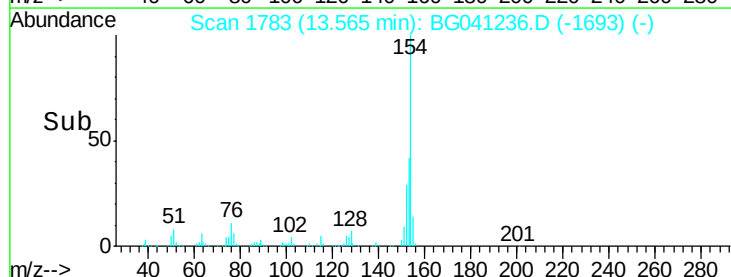
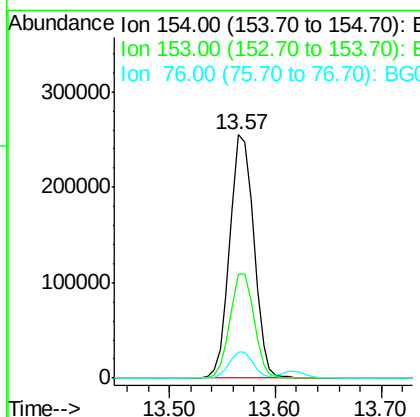
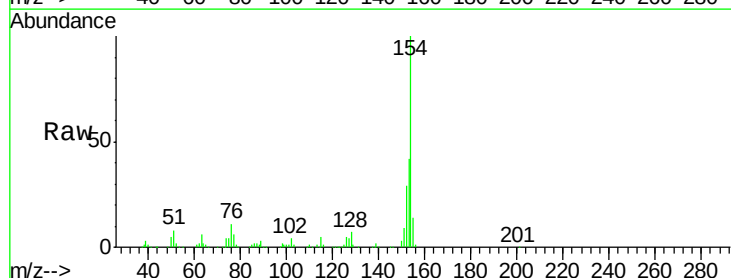
Instrument :
BNA_G
ClientSampleId :

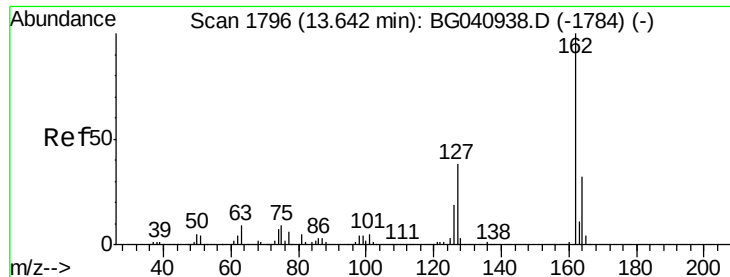
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.1	46.7
170	25.1	20.5	30.7



#46
1,1'-Biphenyl
Concen: 46.821 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.3	63.3
76	10.9	0.0	31.1

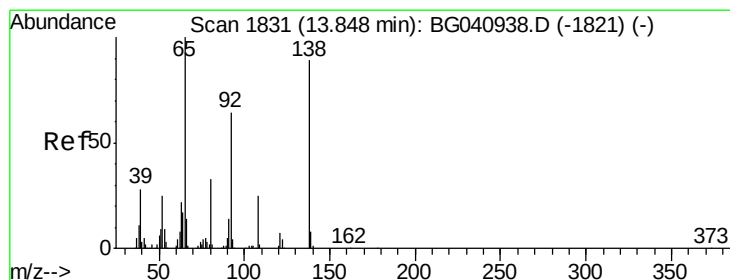
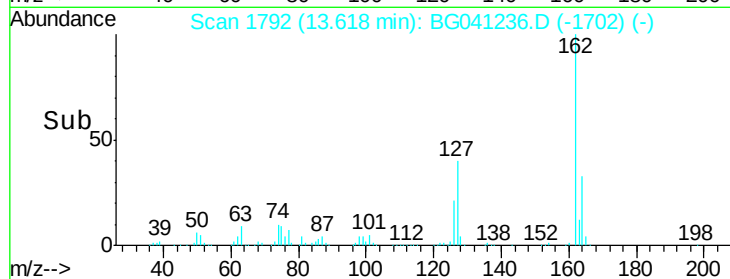
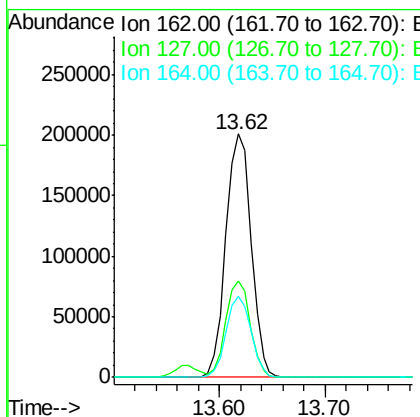
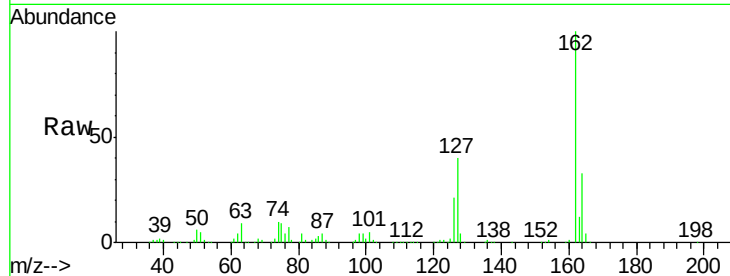




#47
 2-Chloronaphthalene
 Concen: 45.441 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

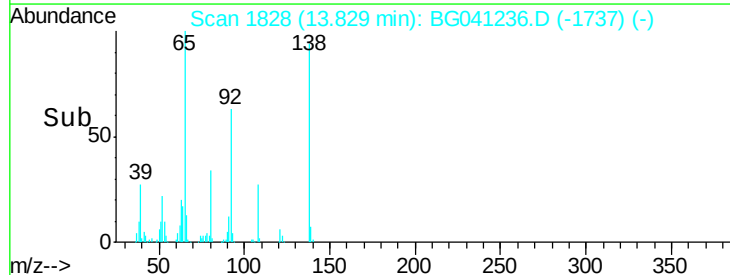
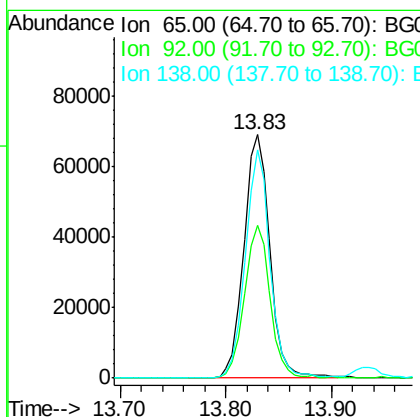
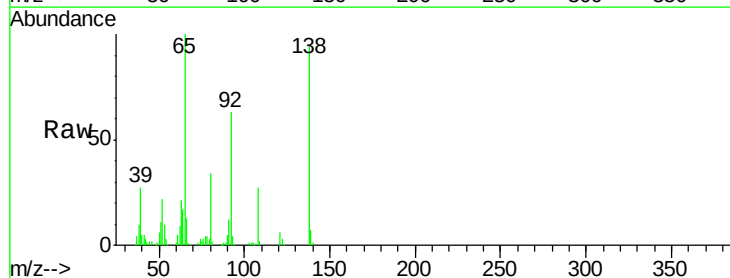
Instrument :
 BNA_G
 ClientSampled :

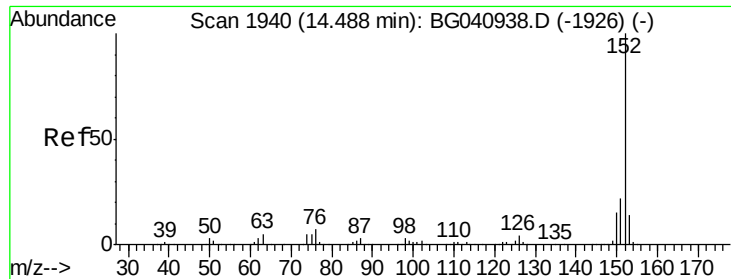
Tot Ion:162 Resp: 333693
 Ion Ratio Lower Upper
 162 100
 127 39.7 30.5 45.7
 164 33.1 25.8 38.6



#48
 2-Nitroaniline
 Concen: 45.008 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion: 65 Resp: 118571
 Ion Ratio Lower Upper
 65 100
 92 62.9 51.0 76.6
 138 93.9 71.2 106.8





#49

Acenaphthylene

Concen: 46.418 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

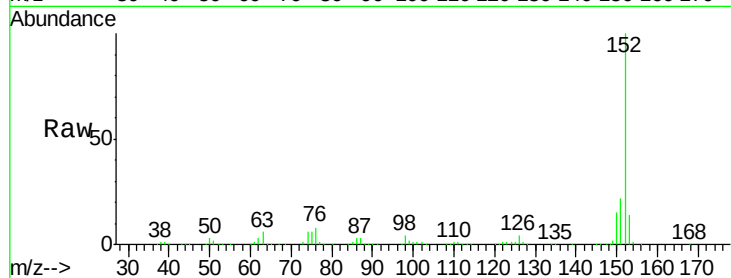
Tot Ion:152 Resp: 513029

Ion Ratio Lower Upper

152 100

151 22.0 17.4 26.0

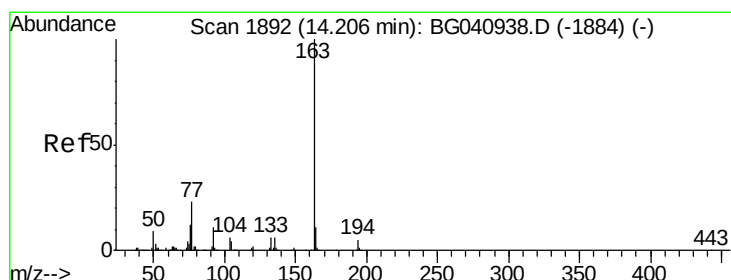
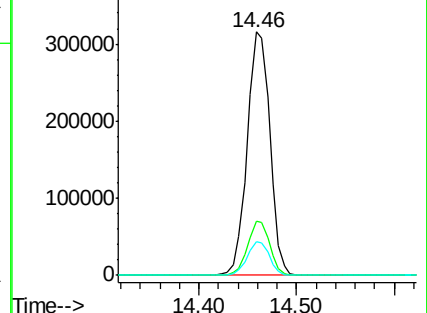
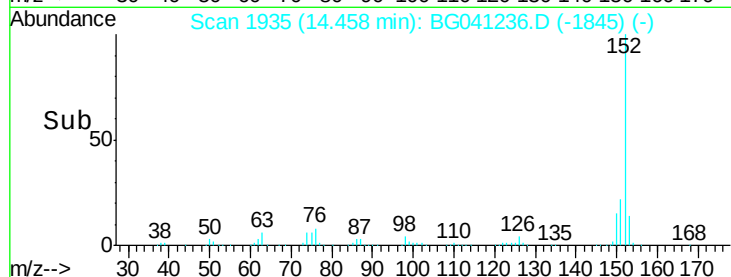
153 13.7 11.0 16.4



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: 44.734 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

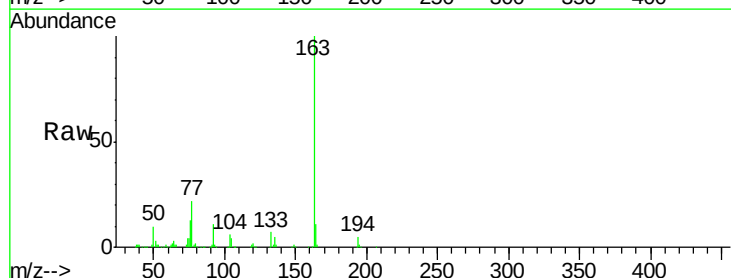
Tgt Ion:163 Resp: 437594

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

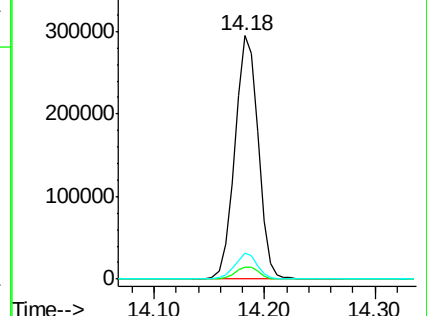
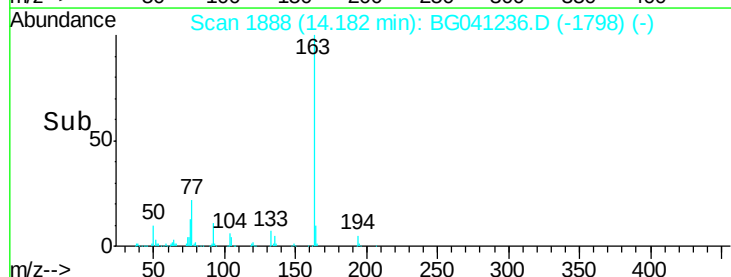
164 10.5 8.7 13.1

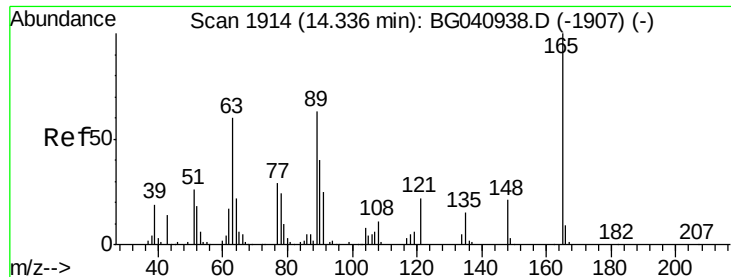


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

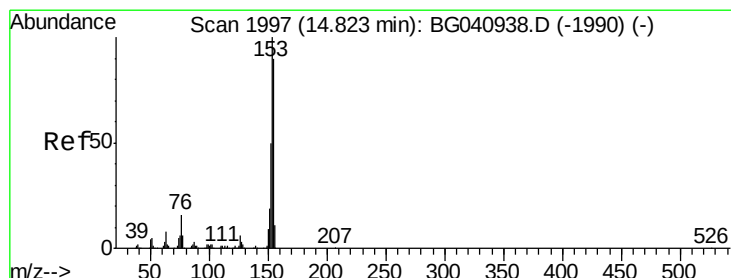
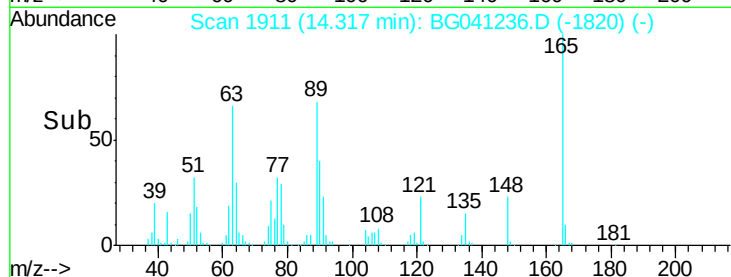
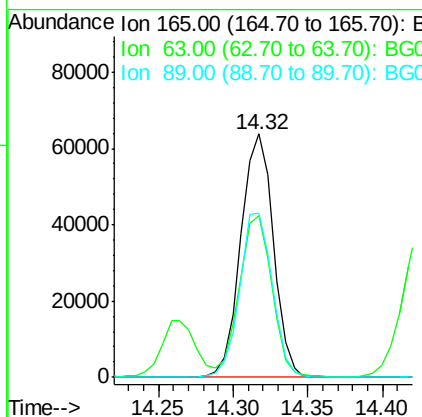
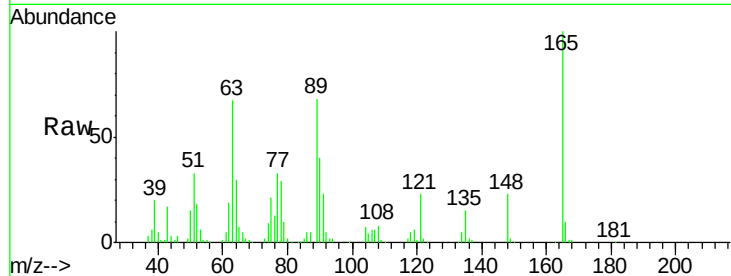




#51
 2,6-Dinitrotoluene
 Concen: 45.560 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

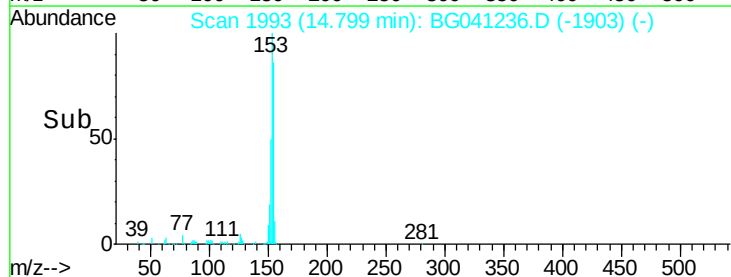
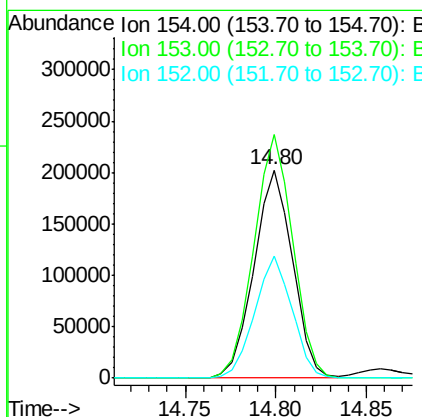
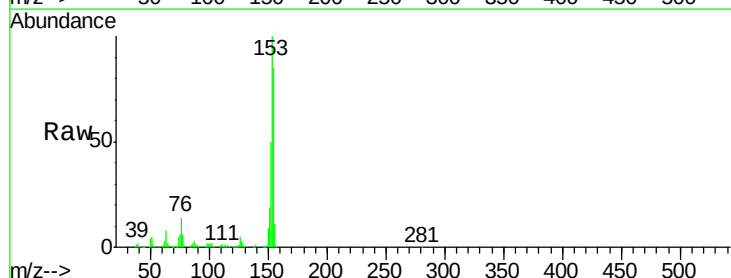
Instrument :
 BNA_G
 ClientSampleId :

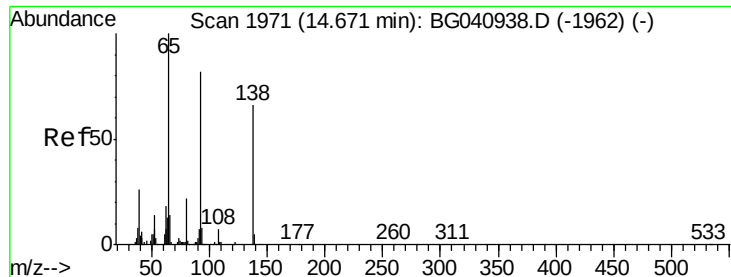
Tot Ion:165 Resp: 96091
 Ion Ratio Lower Upper
 165 100
 63 66.5 53.6 80.4
 89 67.5 50.4 75.6



#52
 Acenaphthene
 Concen: 44.681 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:154 Resp: 299160
 Ion Ratio Lower Upper
 154 100
 153 117.0 88.6 133.0
 152 58.5 44.2 66.4





#53

3-Nitroaniline

Concen: 11.436 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

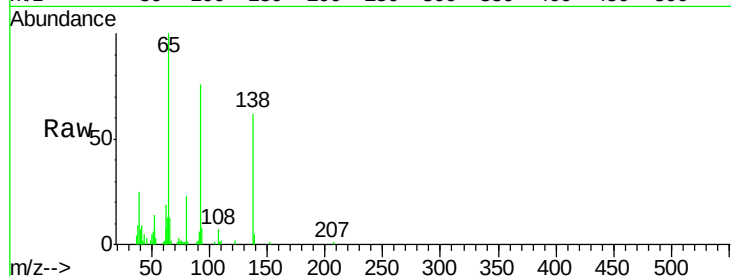
Tot Ion:138 Resp: 24119

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

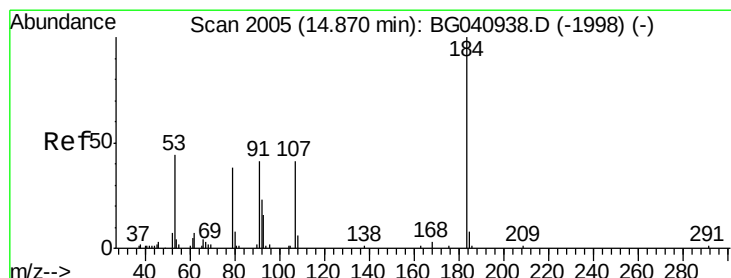
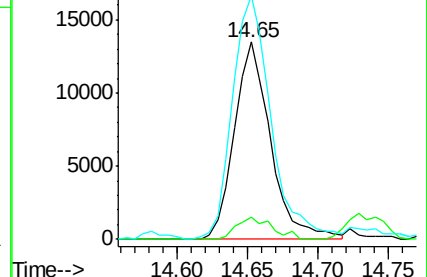
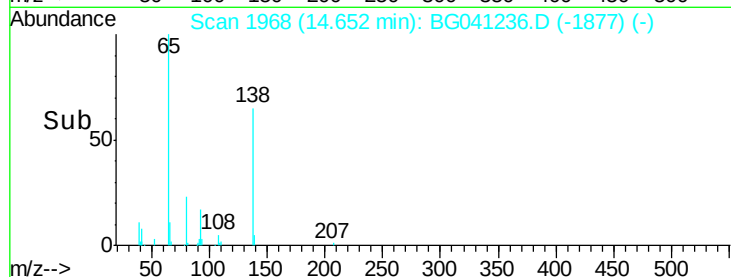
92 123.3 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 35.654 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

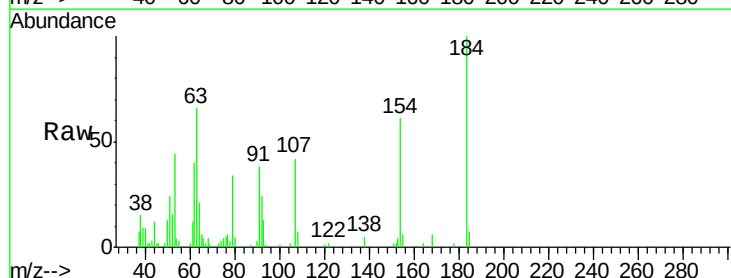
Tgt Ion:184 Resp: 27477

Ion Ratio Lower Upper

184 100

63 65.5 49.8 74.6

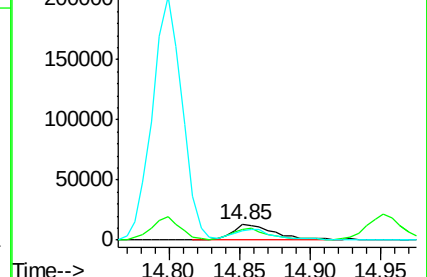
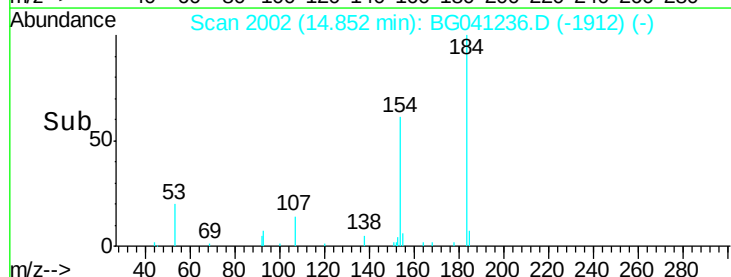
154 60.6 52.2 78.4

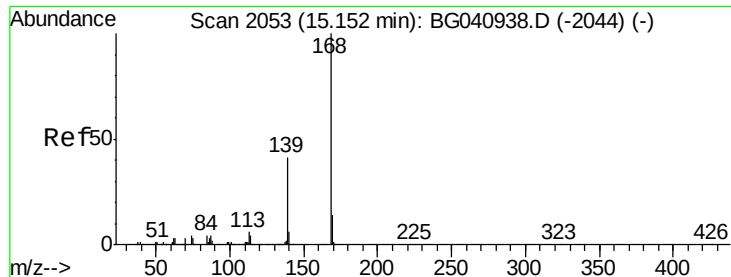


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 47.214 ng

RT: 15.13 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

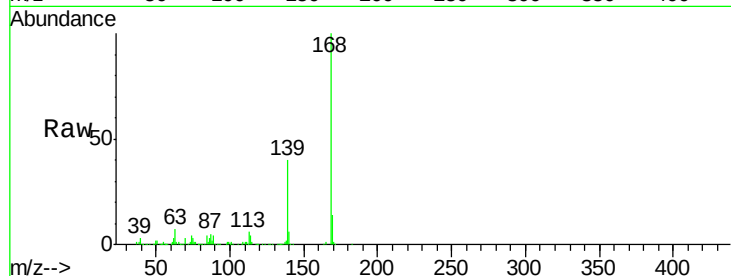
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 531922

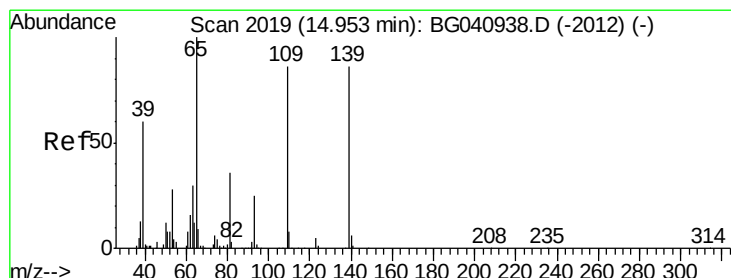
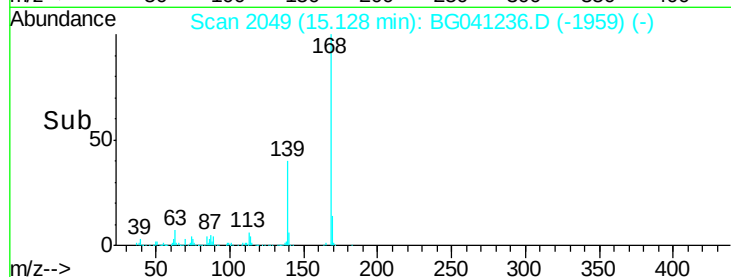
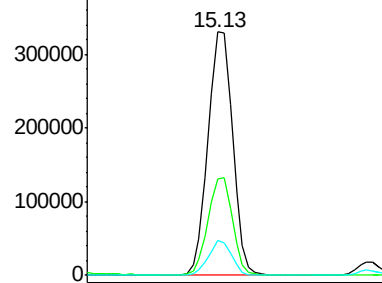
Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.8	49.2
169	14.1	11.3	16.9



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: 67.864 ng

RT: 14.95 min Scan# 2019

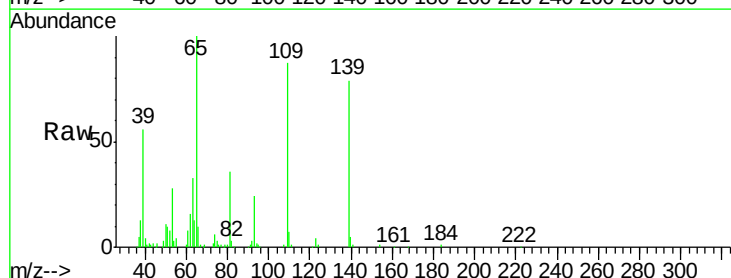
Delta R.T. 0.01 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Tgt Ion:139 Resp: 98173

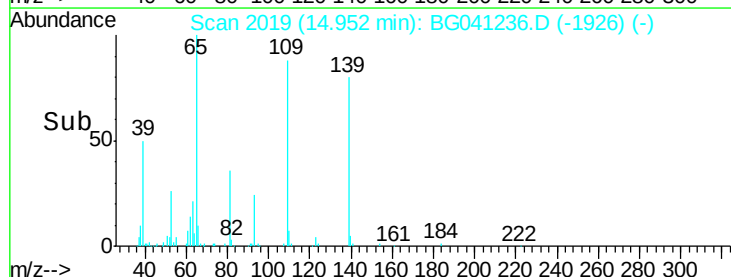
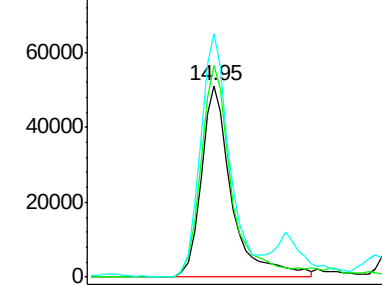
Ion	Ratio	Lower	Upper
139	100		
109	111.0	79.6	119.6
65	127.4	96.9	136.9

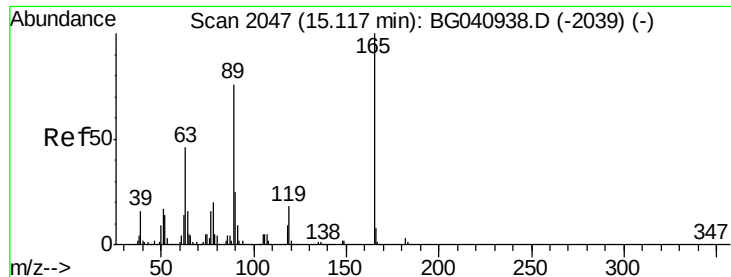


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

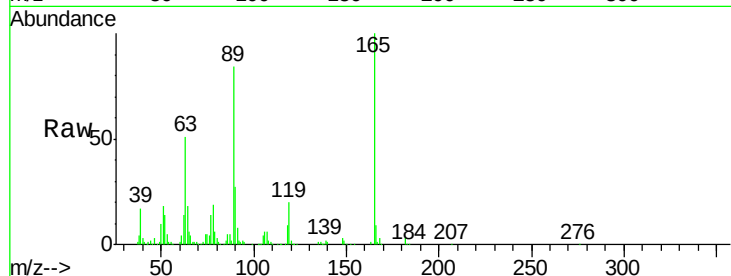




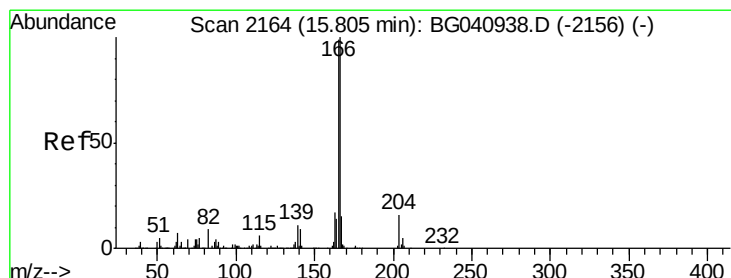
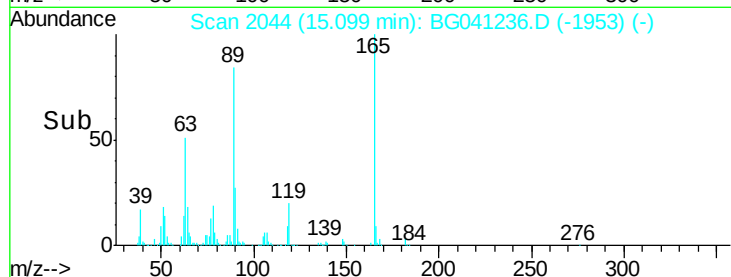
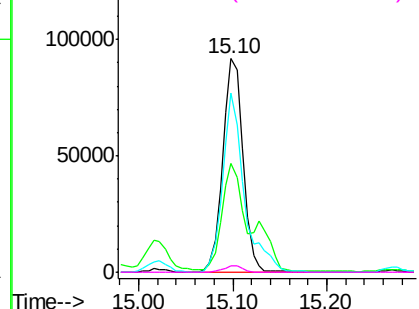
#57
 2,4-Dinitrotoluene
 Concen: 46.559 ng
 RT: 15.10 min Scan# 2044
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 138714
 Ion Ratio Lower Upper
 165 100
 63 50.9 37.3 55.9
 89 84.0 61.0 91.6
 182 3.0 2.2 3.2

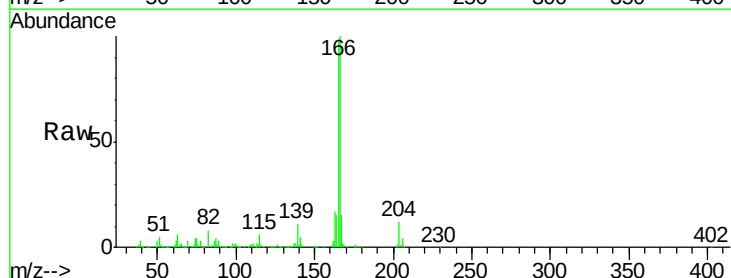


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

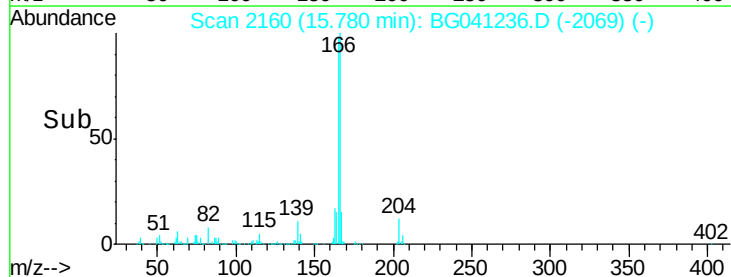
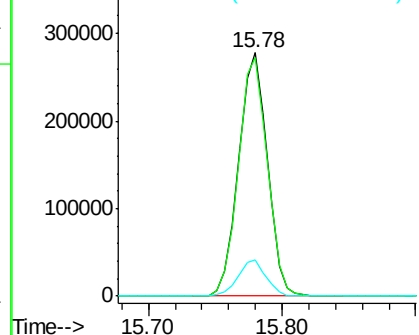


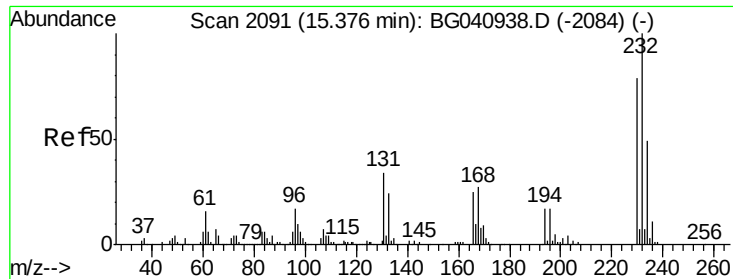
#58
 Fluorene
 Concen: 46.332 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:166 Resp: 415696
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.2 118.8
 167 14.6 11.8 17.6



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

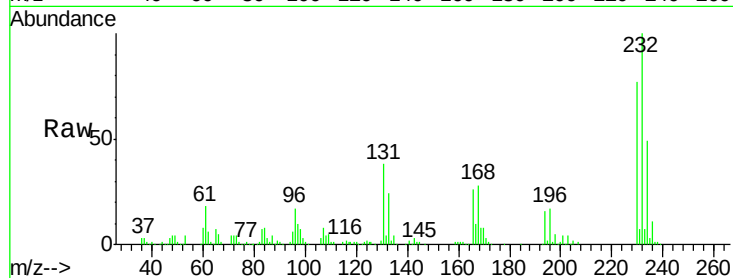




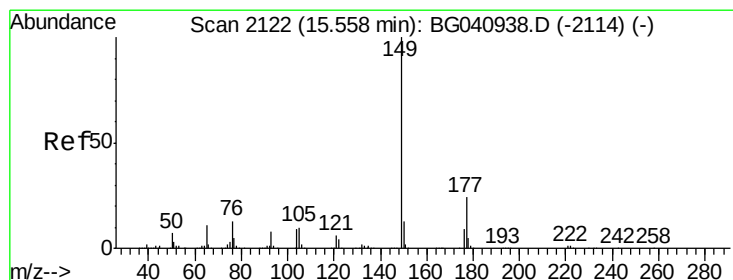
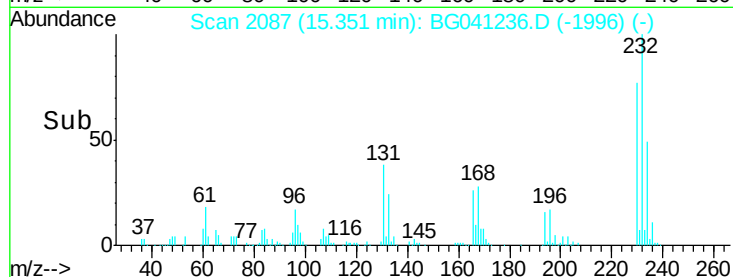
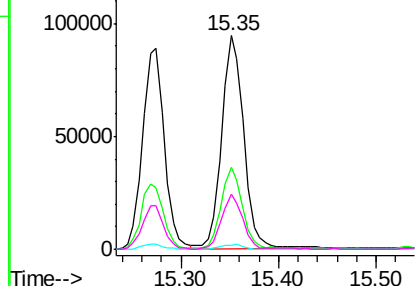
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.422 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	148094
Ion Ratio	Lower	Upper
232	100	
131	36.5	30.3 45.5
130	2.3	1.8 2.8
166	24.3	21.3 31.9

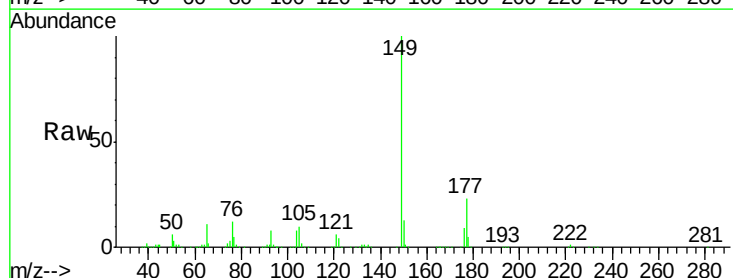


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

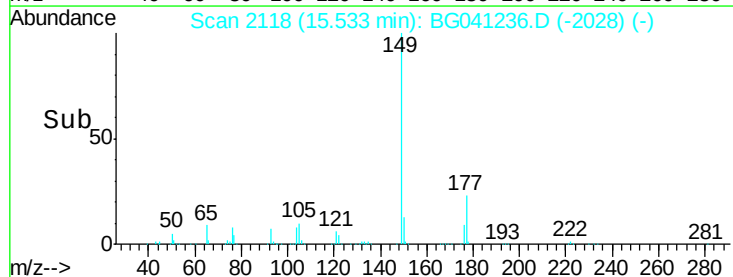
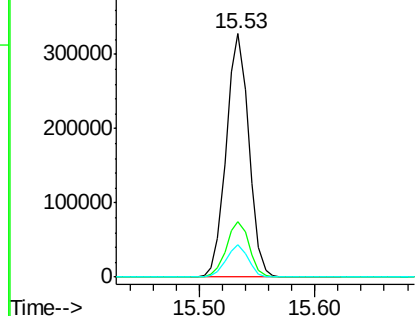


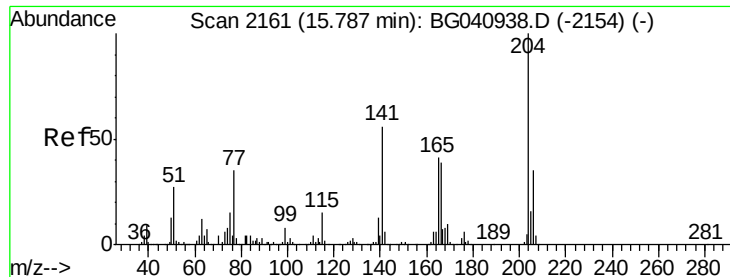
#60
 Diethylphthalate
 Concen: 44.476 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:149	Resp:	444003
Ion Ratio	Lower	Upper
149	100	
177	22.9	19.4 29.0
150	13.1	10.3 15.5



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

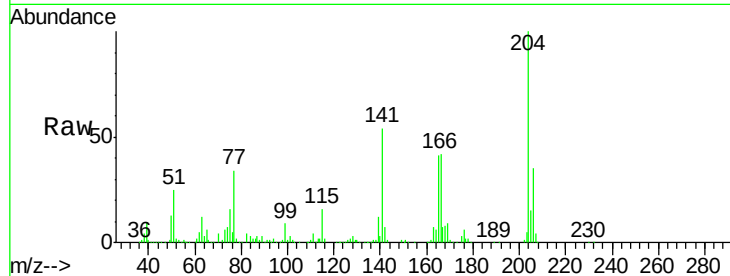




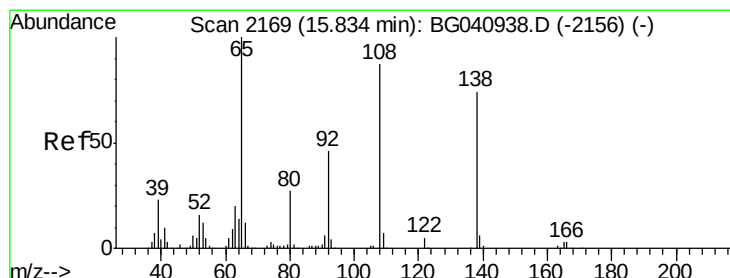
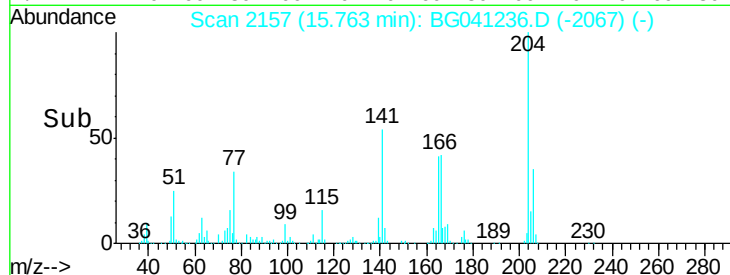
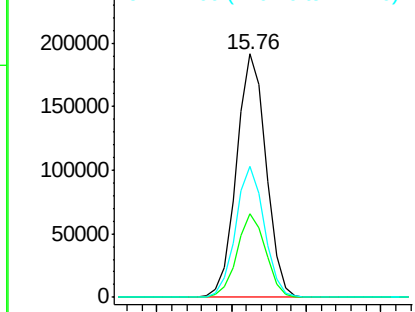
#61
4-Chlorophenyl-phenylether
Concen: 45.175 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.6	41.4
141	53.6	45.1	67.7

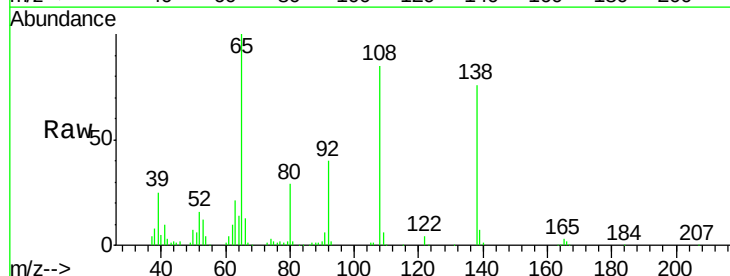


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

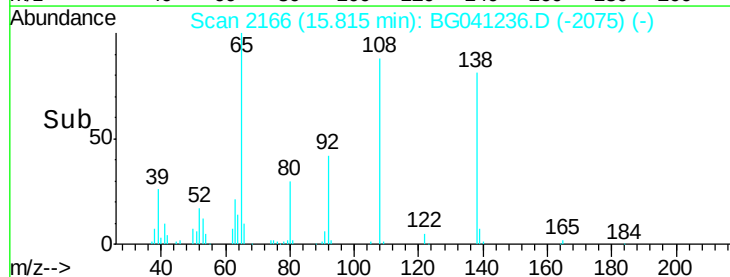
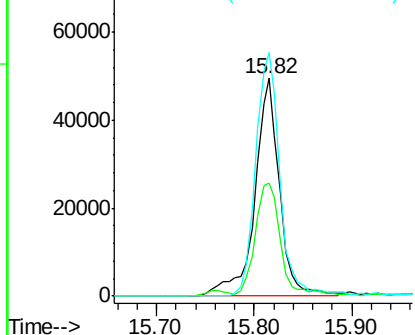


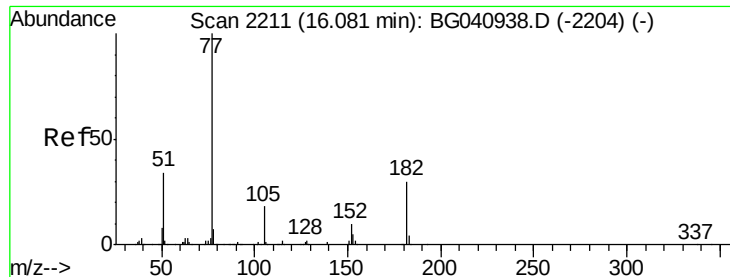
#62
4-Nitroaniline
Concen: 39.697 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	42.4	82.4
108	111.9	96.9	136.9



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





#63

Azobenzene

Concen: 44.831 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 406775

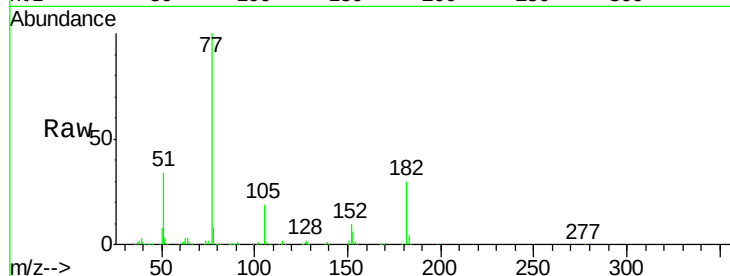
Ion	Ratio	Lower	Upper
77	100		
182	29.9	9.6	49.6
105	18.7	0.0	37.5
51	34.2	13.7	53.7

77 100

182 29.9 9.6 49.6

105 18.7 0.0 37.5

51 34.2 13.7 53.7

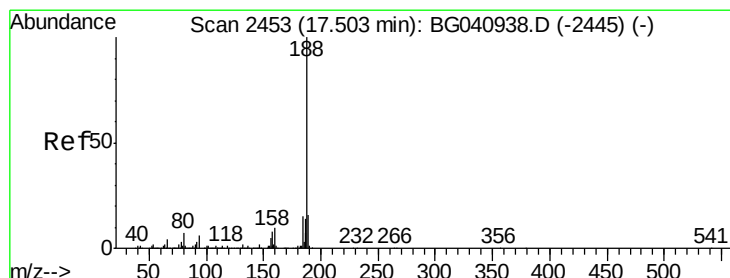
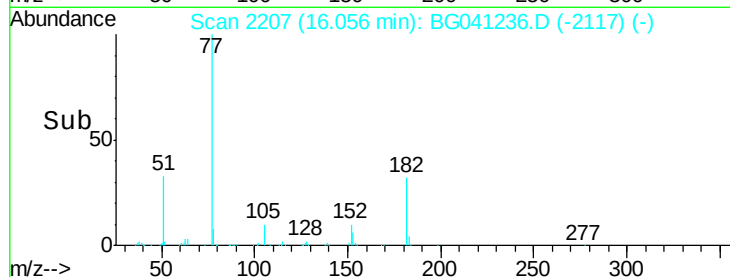
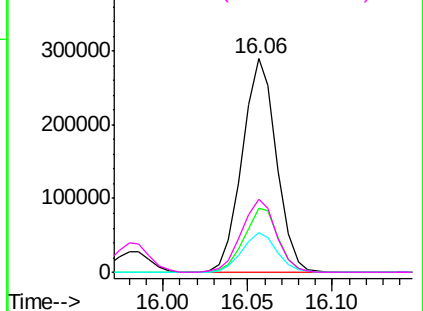


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

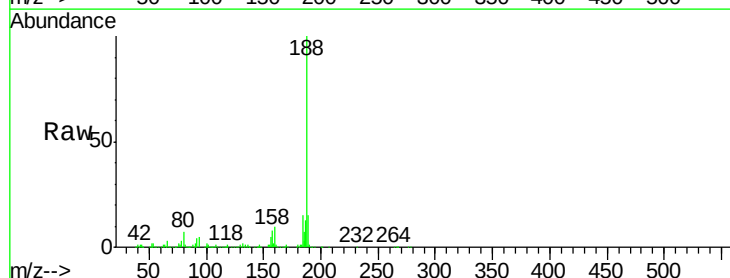
Tgt Ion: 188 Resp: 291858

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.7	7.1
80	6.9	5.8	8.8

188 100

94 5.1 4.7 7.1

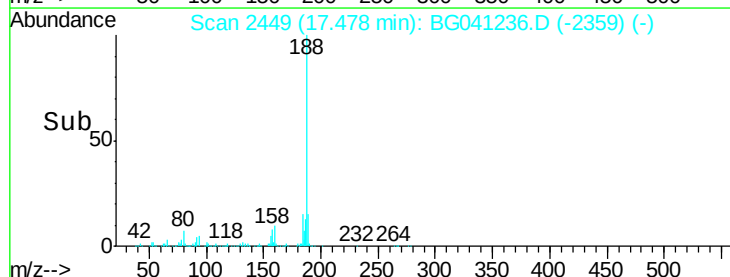
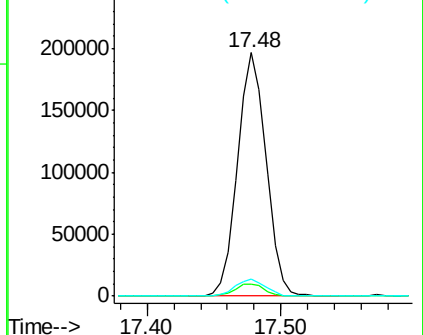
80 6.9 5.8 8.8

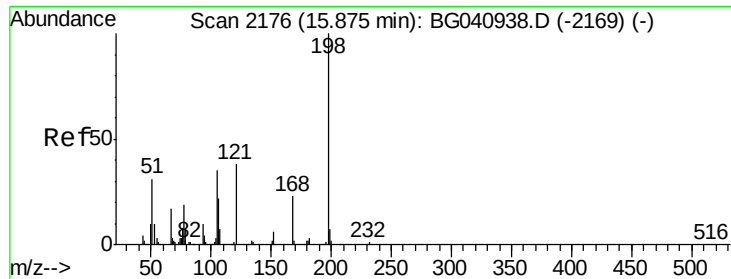


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 27.834 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

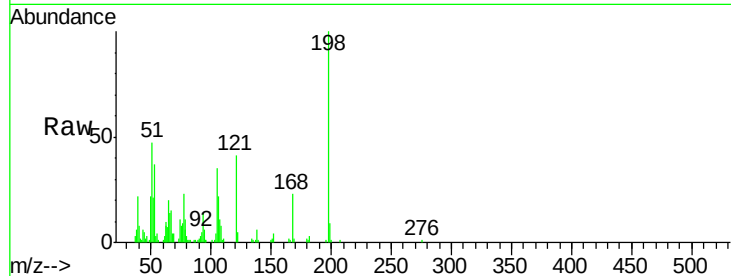
Tot Ion:198 Resp: 36658

Ion Ratio Lower Upper

198 100

51 46.6 21.6 61.6

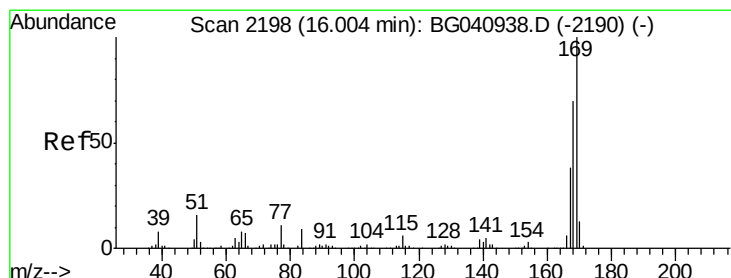
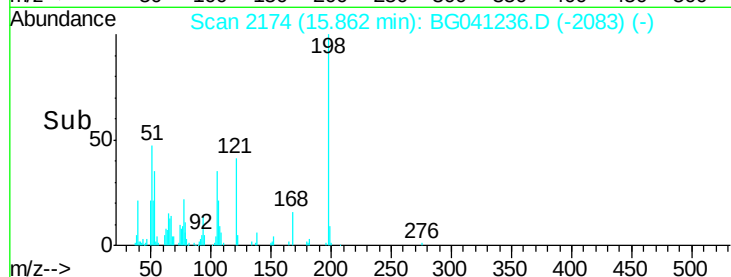
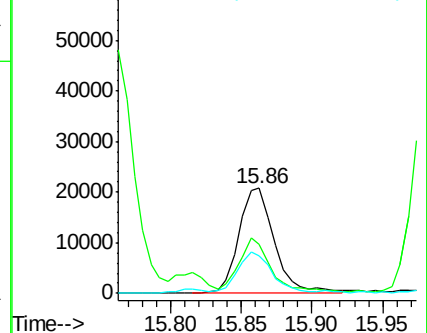
105 35.1 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.893 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

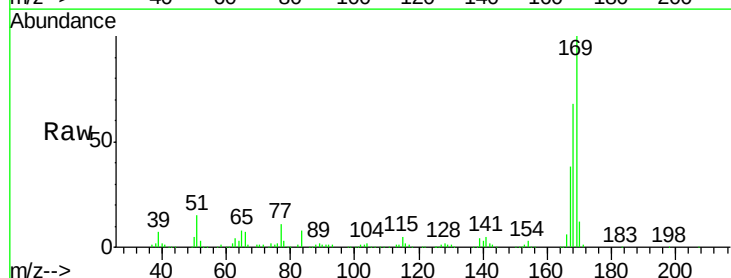
Tgt Ion:169 Resp: 368327

Ion Ratio Lower Upper

169 100

168 68.1 55.7 83.5

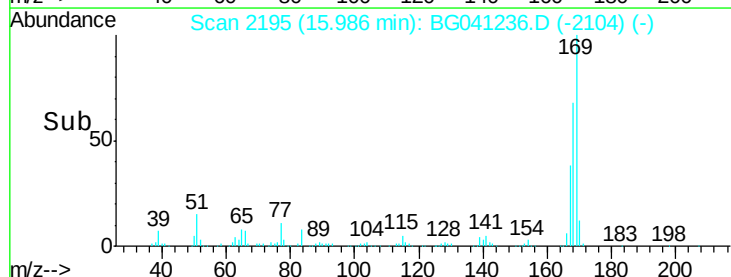
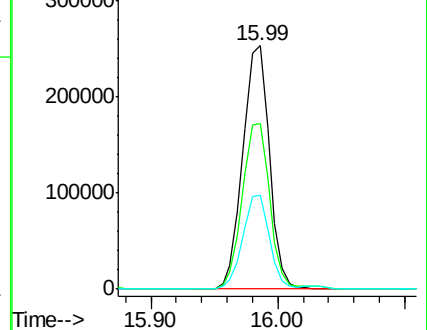
167 38.4 30.2 45.2

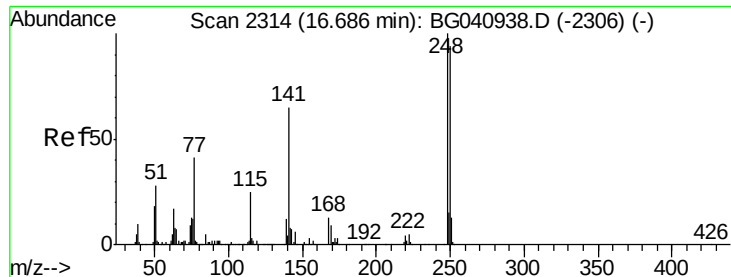


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

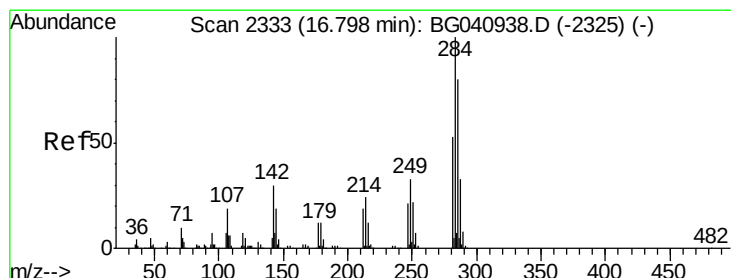
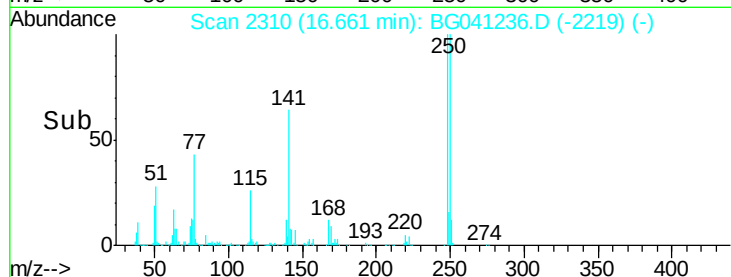
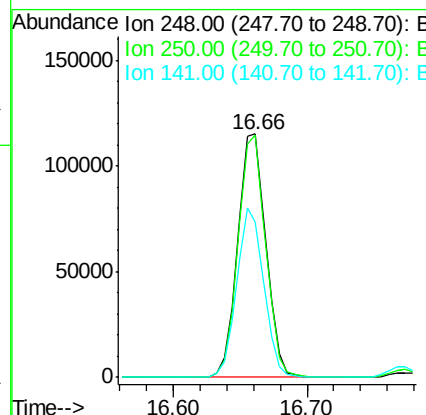
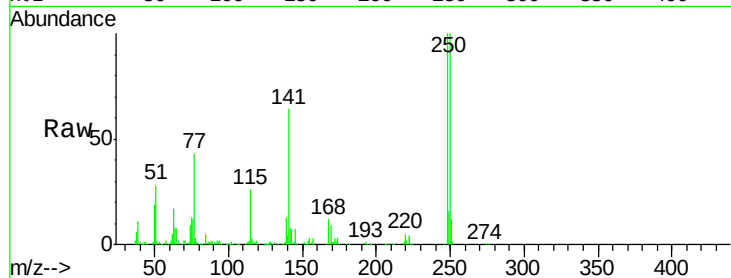




#67
4-Bromophenyl-phenylether
Concen: 43.029 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

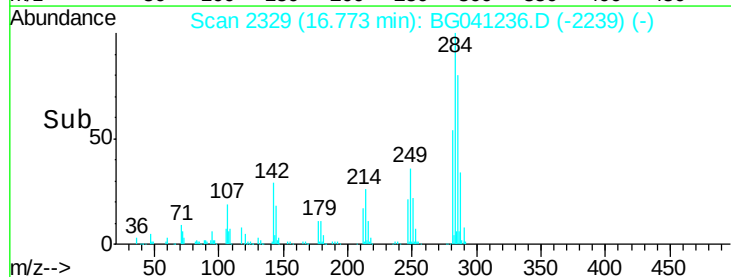
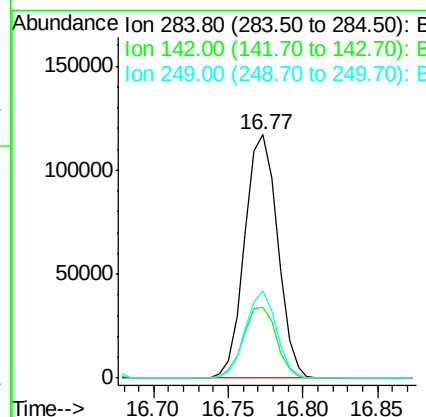
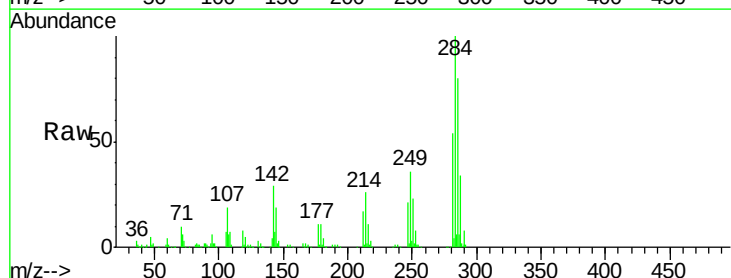
Instrument :
BNA_G
ClientSampleId :

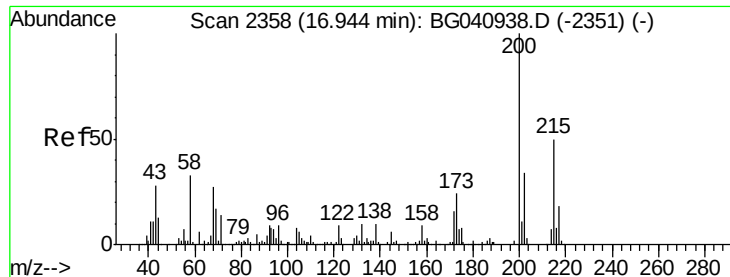
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	75.0	112.4
141	63.8	52.4	78.6



#68
Hexachlorobenzene
Concen: 42.653 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	23.9	35.9
249	35.9	26.8	40.2





#69

Atrazine

Concen: 49.000 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampled :

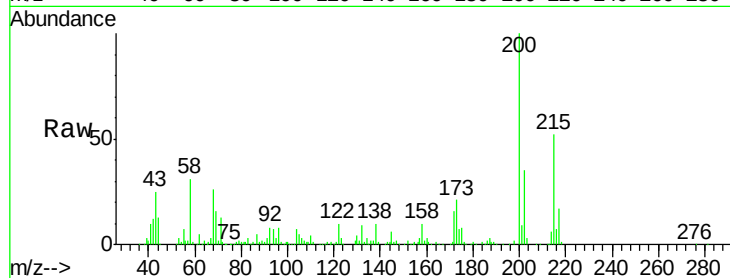
Tot Ion:200 Resp: 155120

Ion Ratio Lower Upper

200 100

173 21.4 3.6 43.6

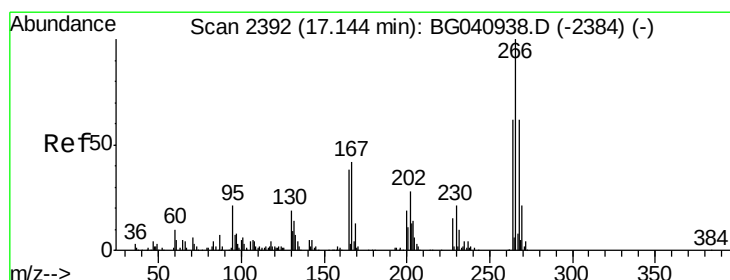
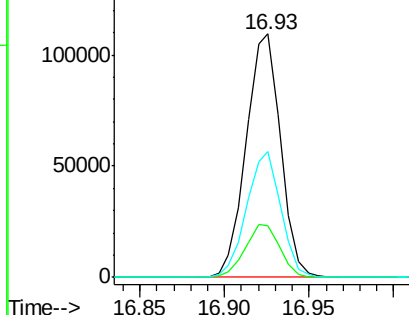
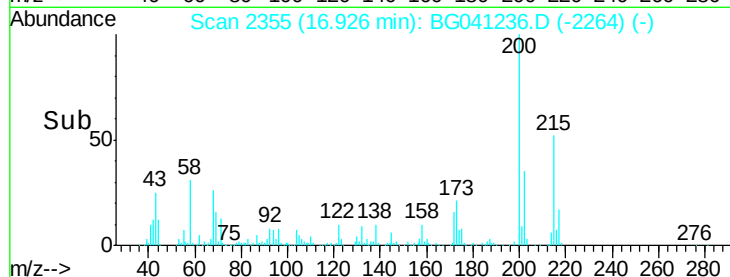
215 51.6 29.6 69.6



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: 63.092 ng

RT: 17.13 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

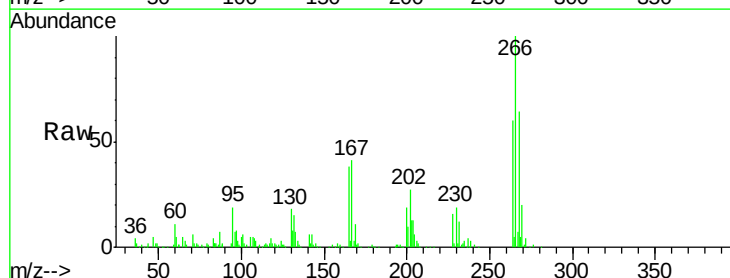
Tgt Ion:266 Resp: 139621

Ion Ratio Lower Upper

266 100

268 63.7 53.1 79.7

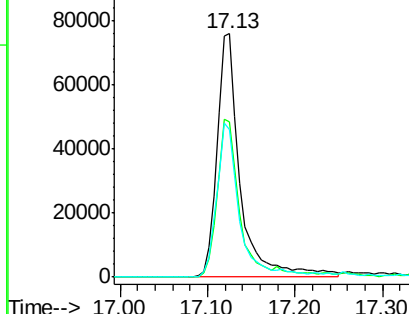
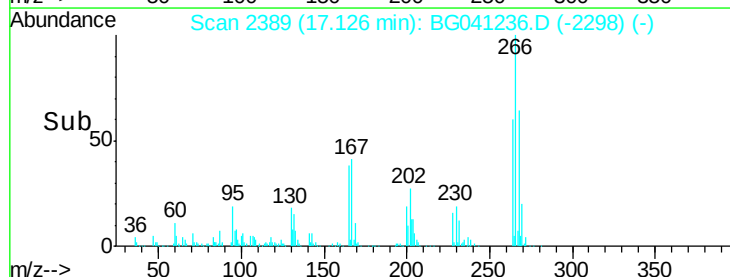
264 60.4 49.9 74.9

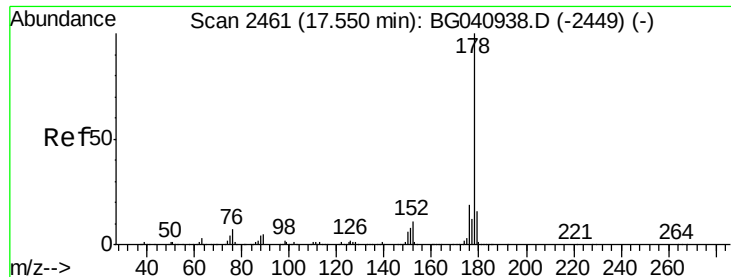


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

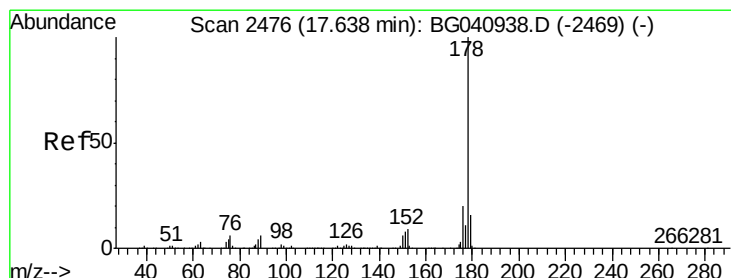
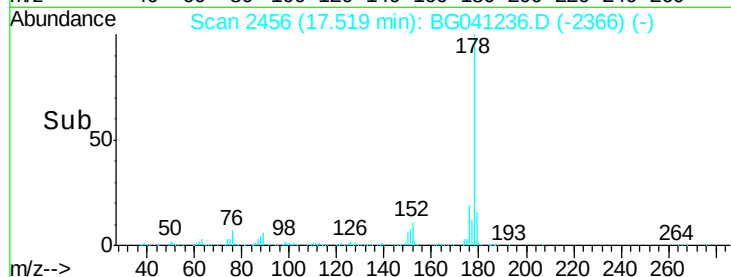
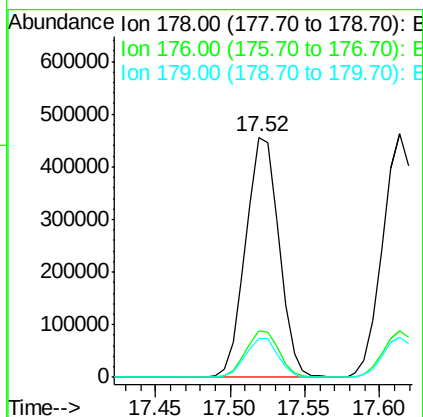
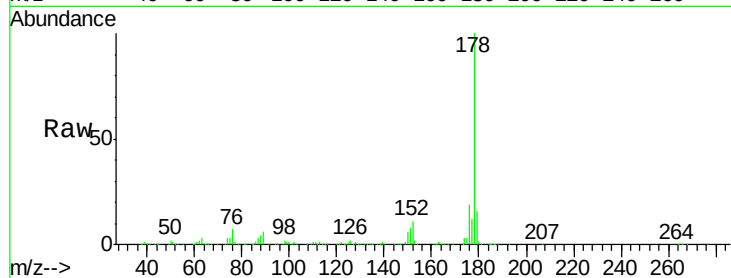




#71
Phenanthrene
Concen: 46.332 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

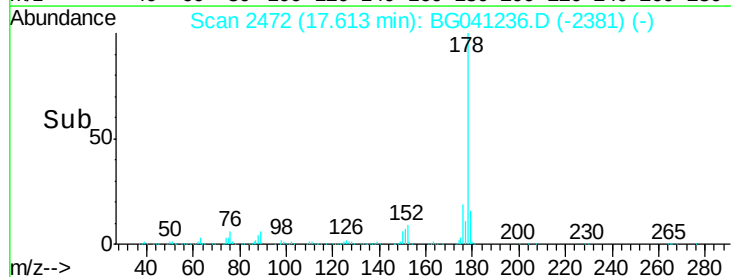
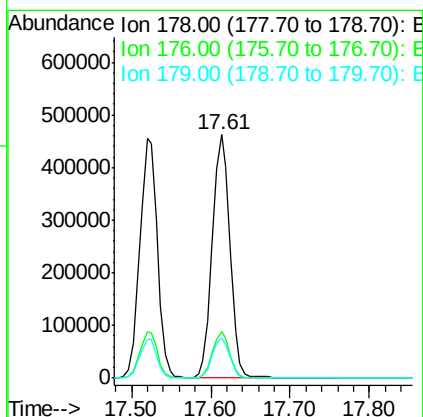
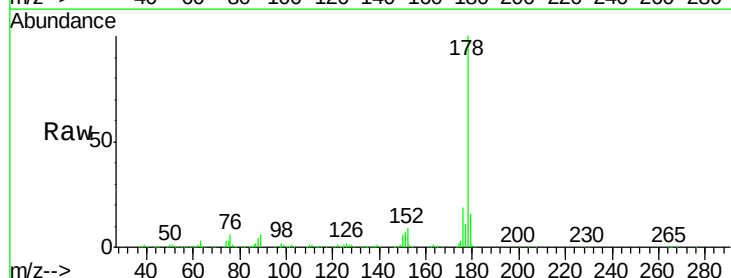
Instrument :
BNA_G
ClientSampleId :

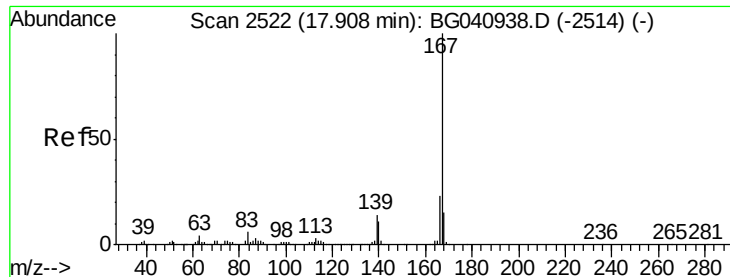
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.3	12.7	19.1



#72
Anthracene
Concen: 47.573 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.4	13.0	19.4

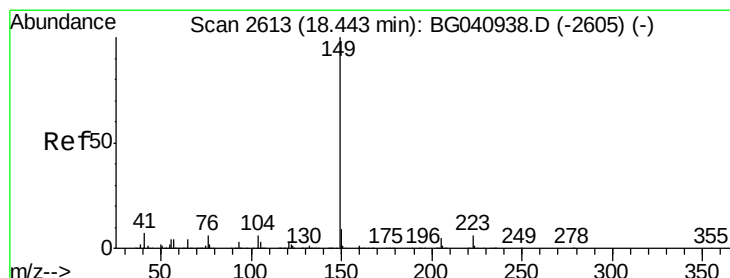
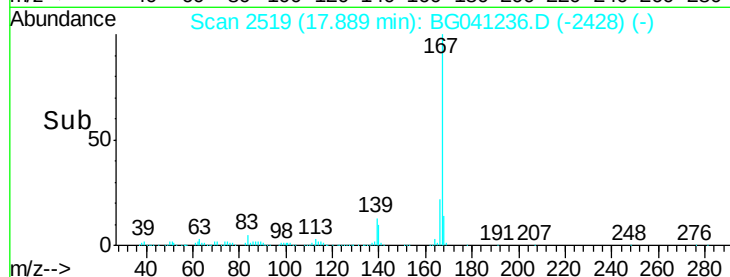
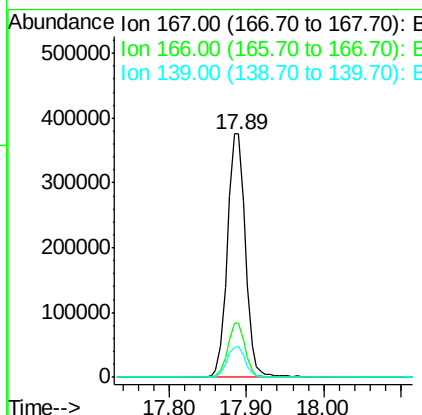
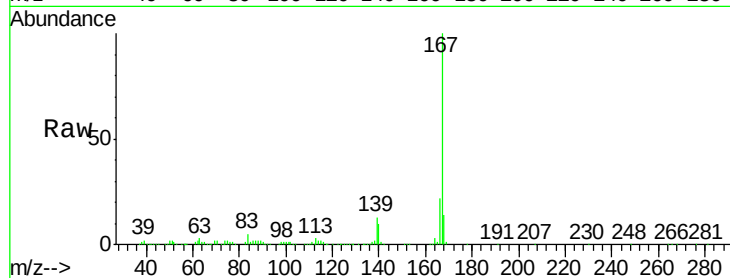




#73
 Carbazole
 Concen: 47.983 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

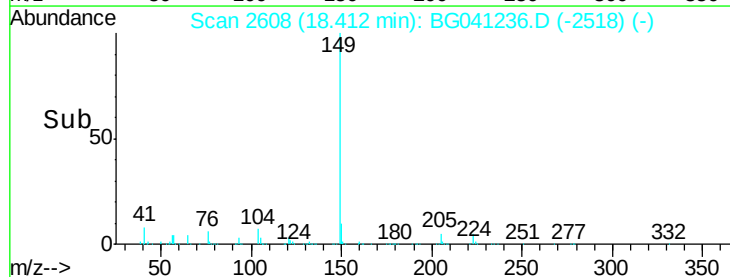
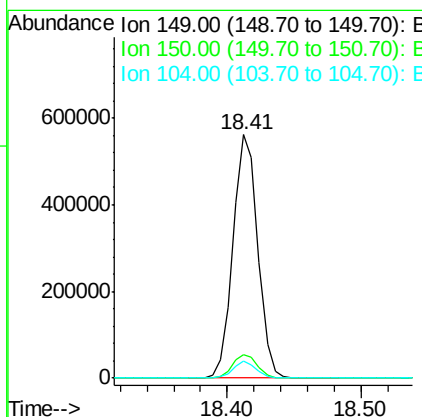
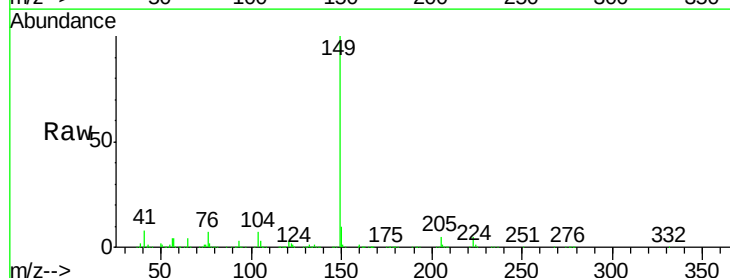
Instrument :
 BNA_G
 ClientSampleId :

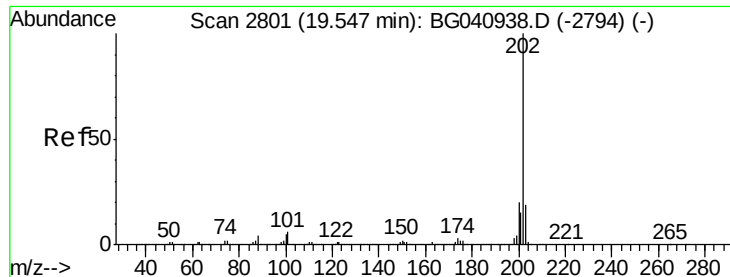
Tot Ion:167 Resp: 617307
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 12.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 45.464 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:149 Resp: 726967
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 6.8 5.0 7.4





#75

Fluoranthene

Concen: 48.082 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

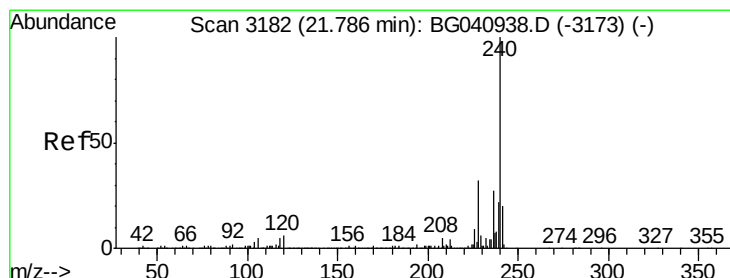
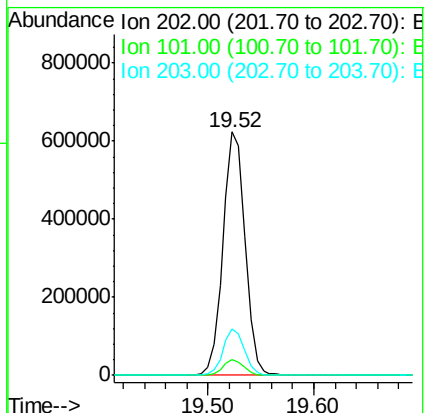
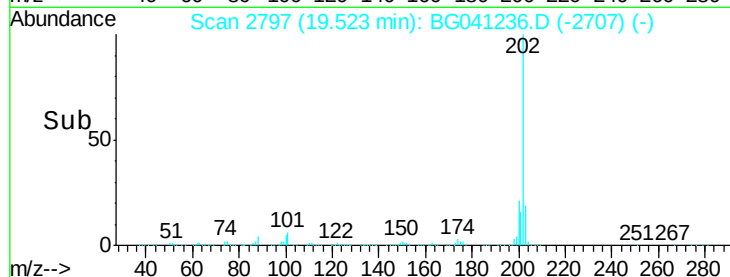
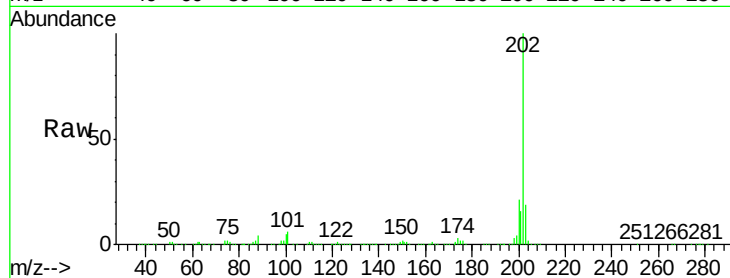
Tot Ion:202 Resp: 902869

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

203 19.0 0.0 38.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

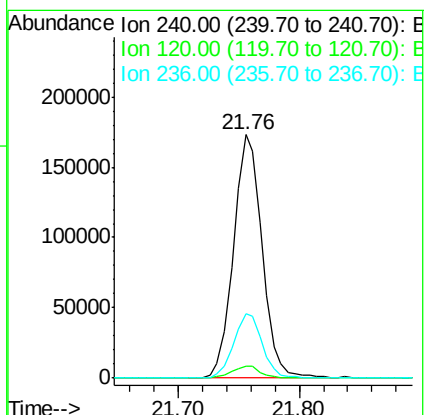
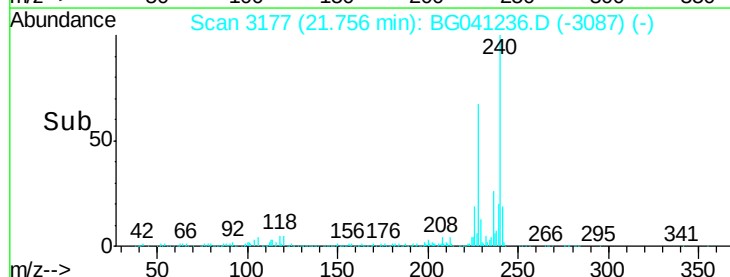
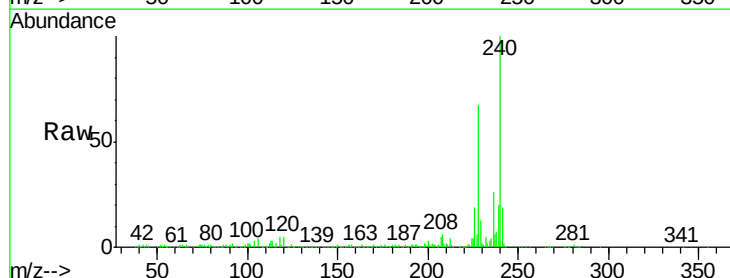
Tgt Ion:240 Resp: 285573

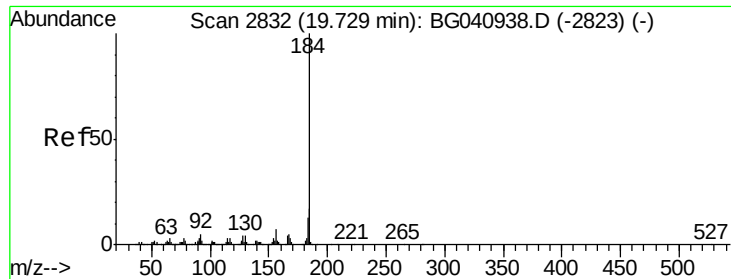
Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

236 26.3 21.3 31.9





#77

Benzidine

Concen: 5.670 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampled :

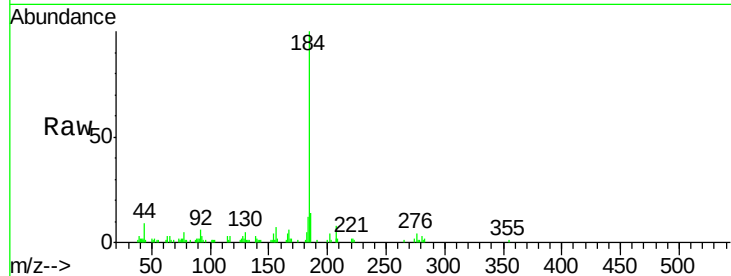
Tot Ion:184 Resp: 38627

Ion Ratio Lower Upper

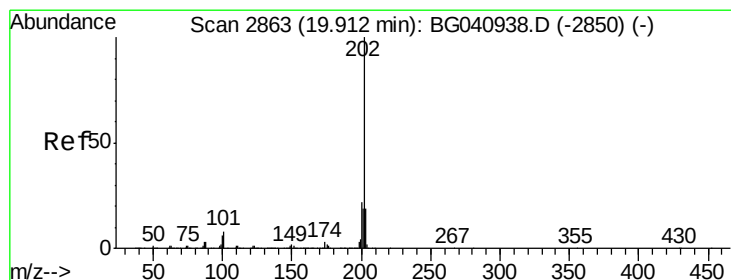
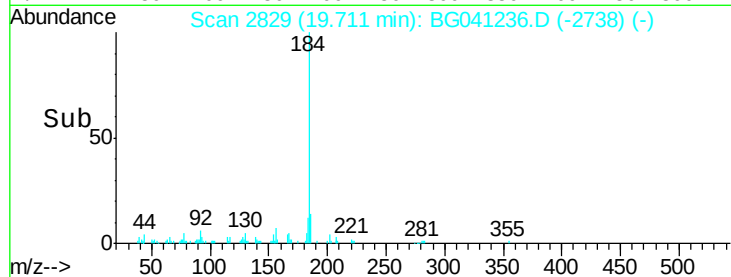
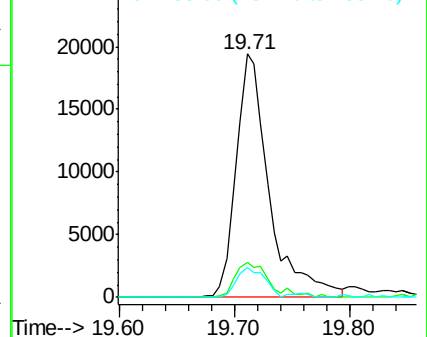
184 100

185 14.4 13.3 19.9

183 12.0 10.7 16.1



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: 48.880 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

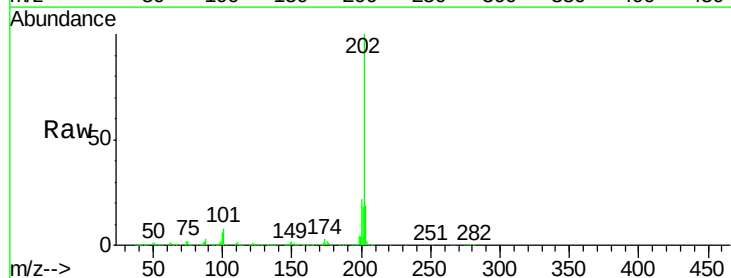
Tgt Ion:202 Resp: 907422

Ion Ratio Lower Upper

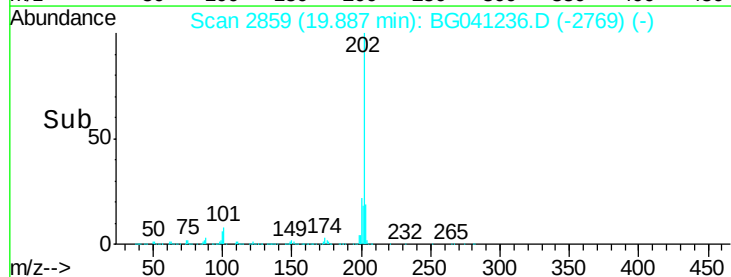
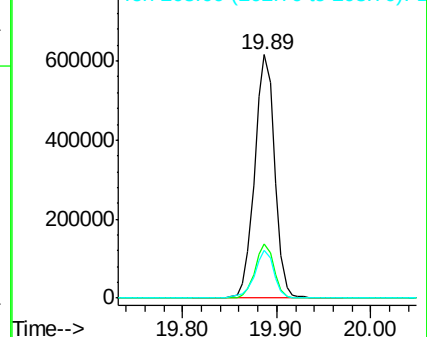
202 100

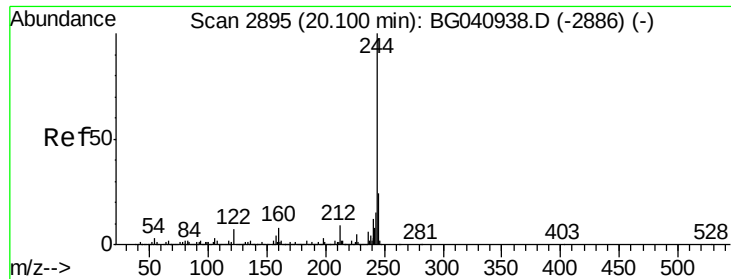
200 22.2 17.5 26.3

203 19.4 15.6 23.4



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: 101.682 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

Instrument :

BNA_G

ClientSampleId :

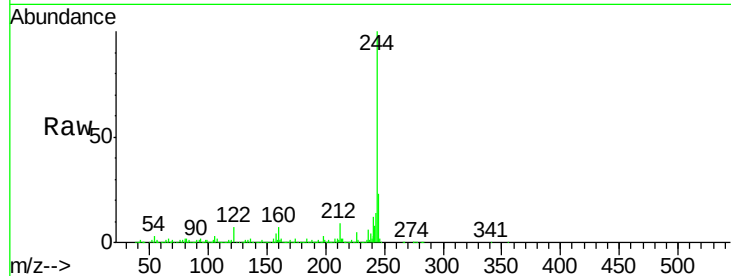
Tot Ion:244 Resp: 1368186

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	6.7	5.4	8.0

244 100

212 8.9 7.0 10.4

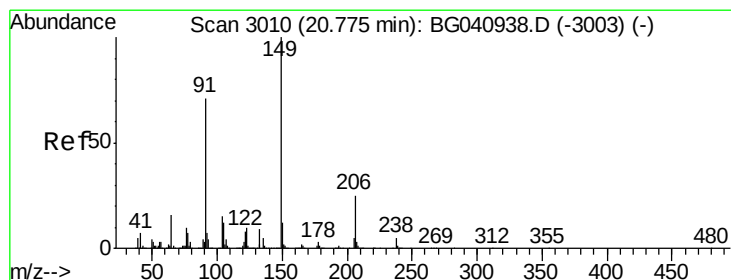
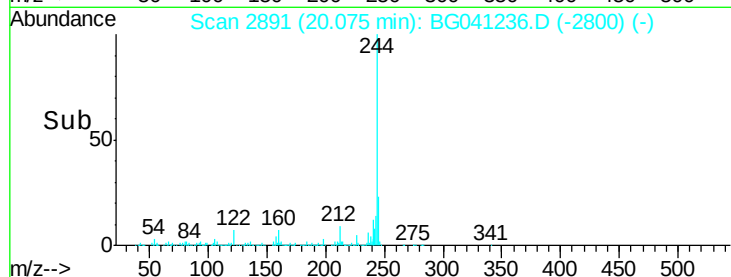
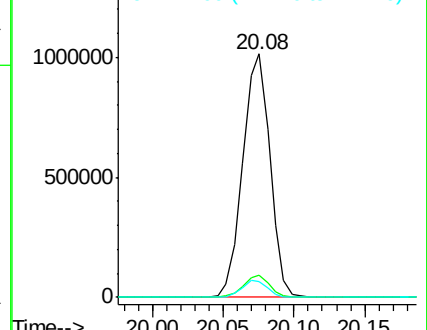
122 6.7 5.4 8.0



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: 46.593 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041236.D

Acq: 14 Jun 2019 1:14

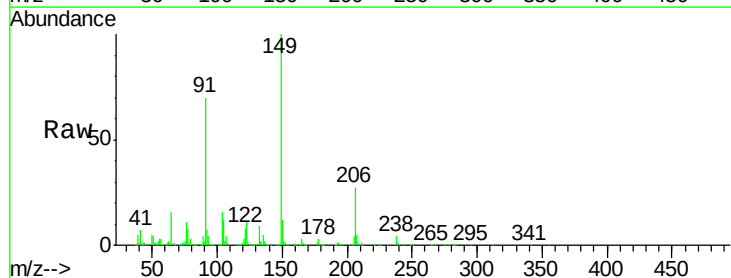
Tgt Ion:149 Resp: 336603

Ion	Ratio	Lower	Upper
149	100		
91	70.1	56.5	84.7
206	27.4	20.3	30.5

149 100

91 70.1 56.5 84.7

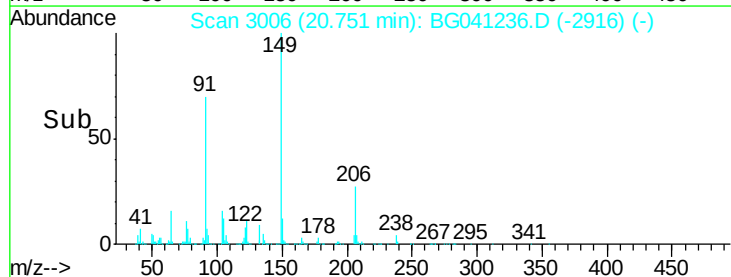
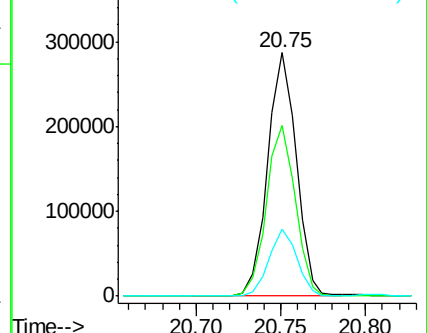
206 27.4 20.3 30.5

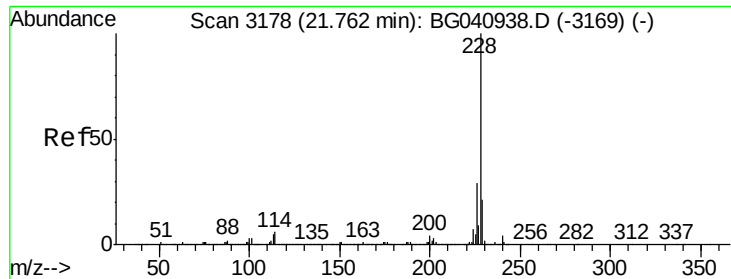


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

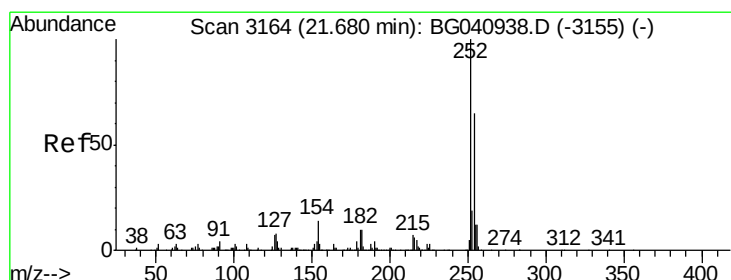
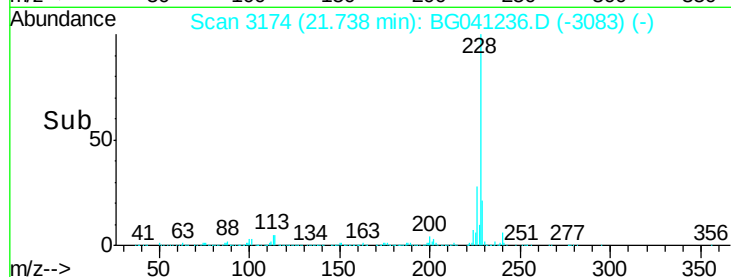
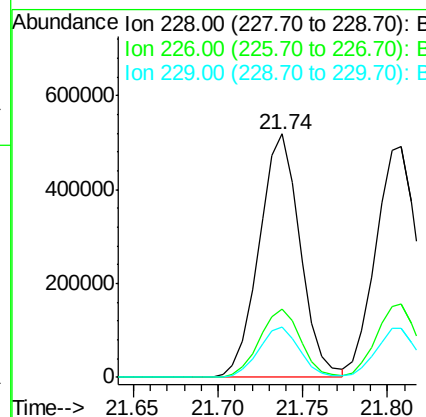
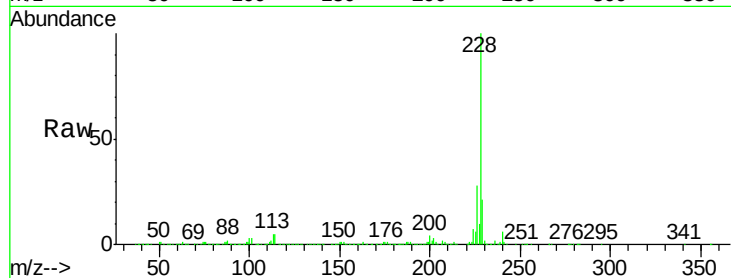




#81
Benzo(a)anthracene
Concen: 46.026 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

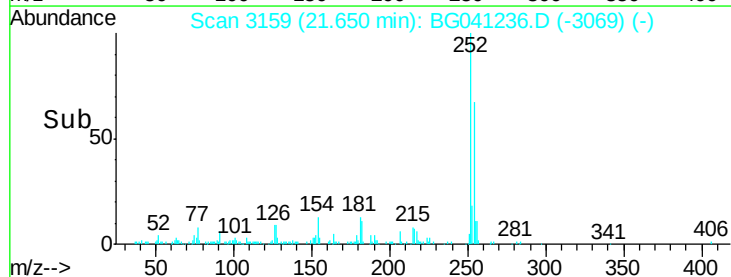
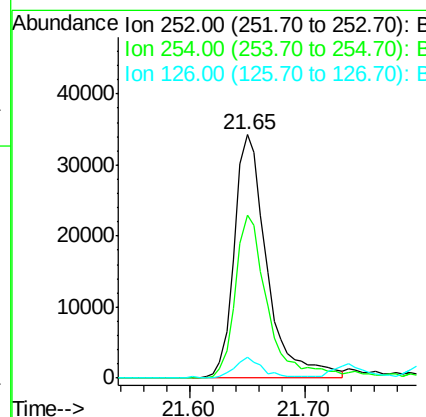
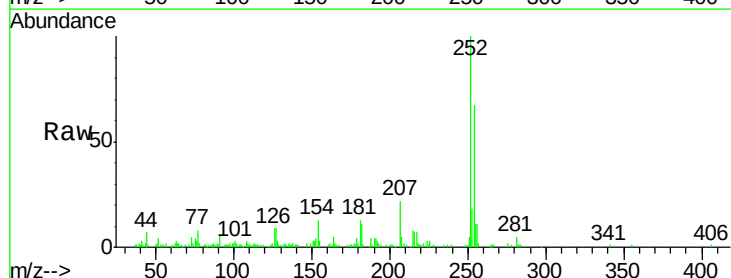
Instrument :
BNA_G
ClientSampleId :

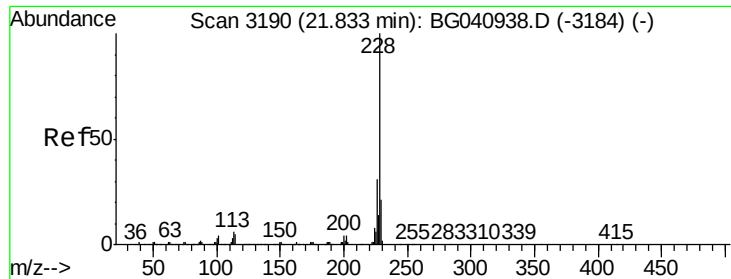
Tot Ion:228 Resp: 874939
Ion Ratio Lower Upper
228 100
226 27.8 23.5 35.3
229 20.5 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 10.077 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion:252 Resp: 67373
Ion Ratio Lower Upper
252 100
254 67.2 52.1 78.1
126 8.5 5.5 8.3#

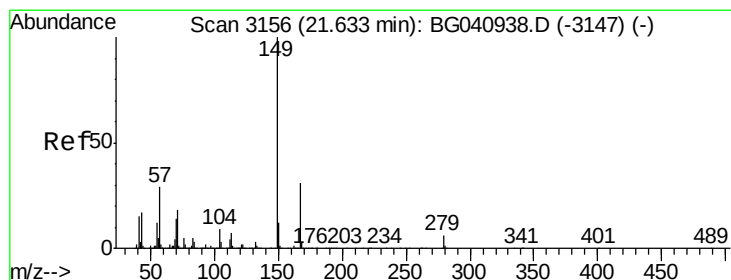
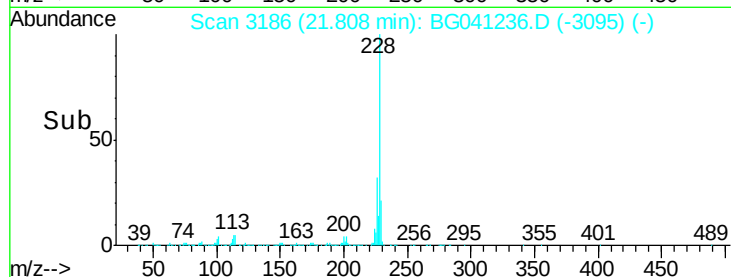
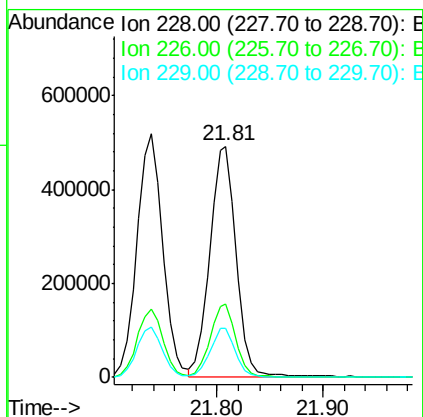
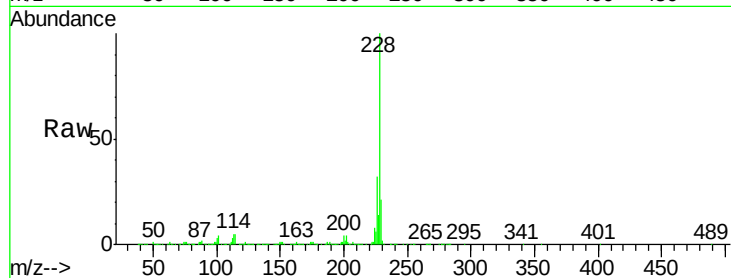




#83
 Chrysene
 Concen: 46.885 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

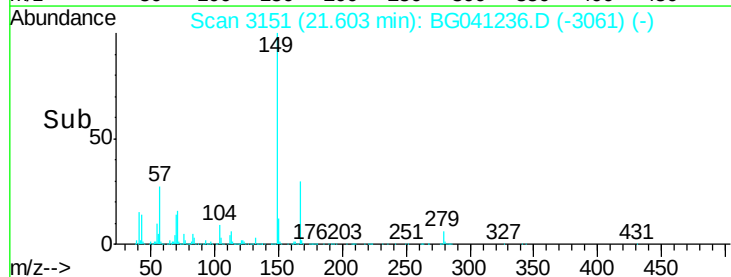
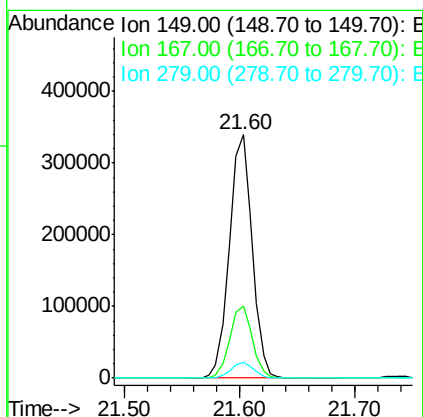
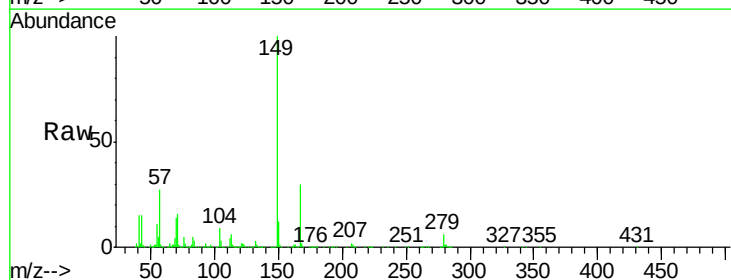
Instrument :
 BNA_G
 ClientSampleId :

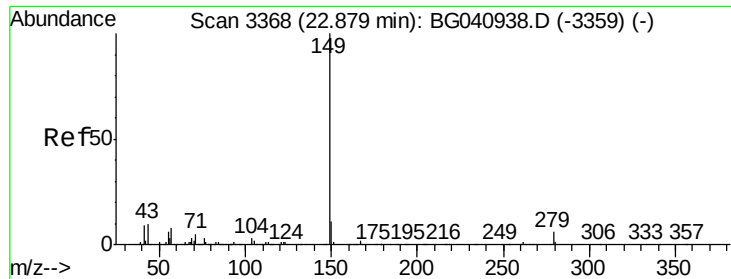
Tot Ion:228 Resp: 852908
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.6 37.0
 229 21.0 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.637 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG041236.D
 Acq: 14 Jun 2019 1:14

Tgt Ion:149 Resp: 464121
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.6 37.0
 279 6.2 5.0 7.6

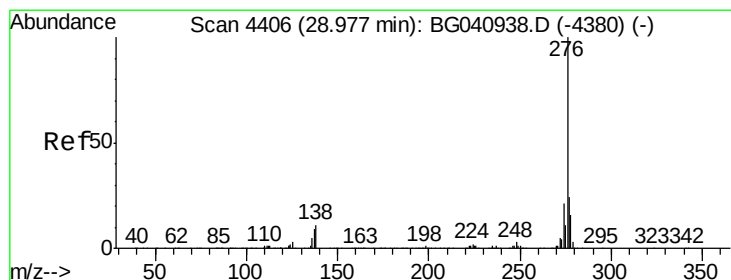
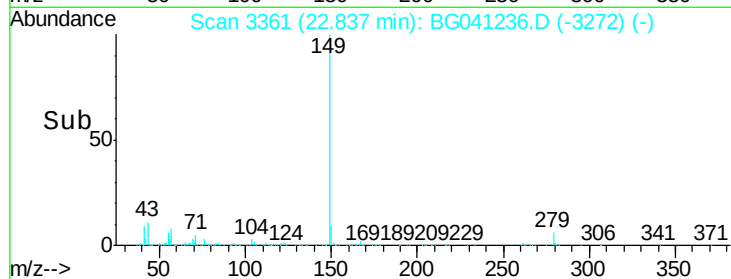
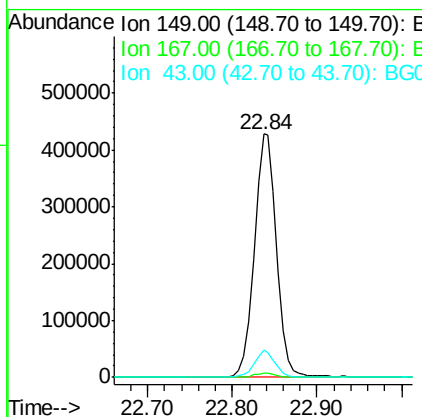
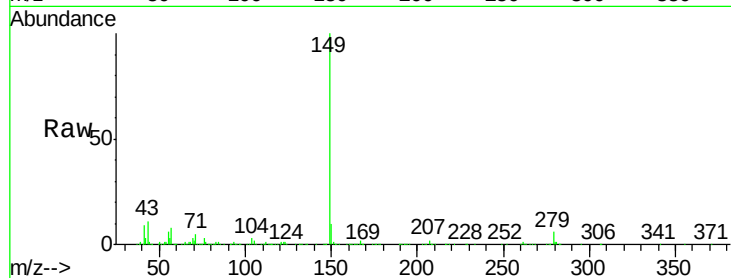




#85
Di-n-octyl phthalate
Concen: 46.313 ng
RT: 22.84 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

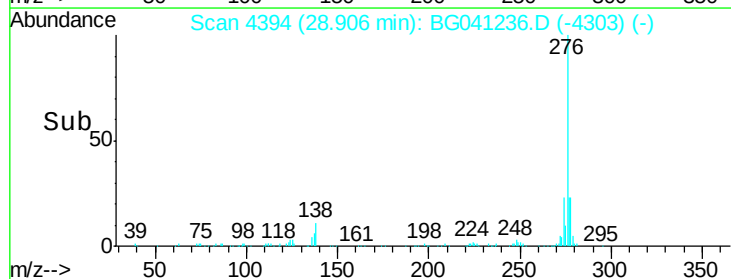
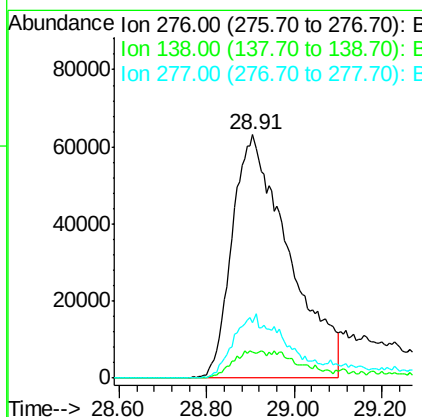
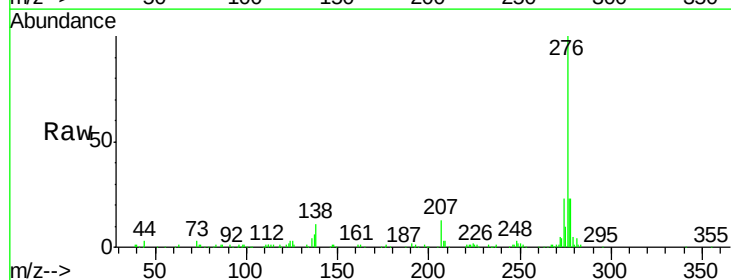
Instrument :
BNA_G
ClientSampled :

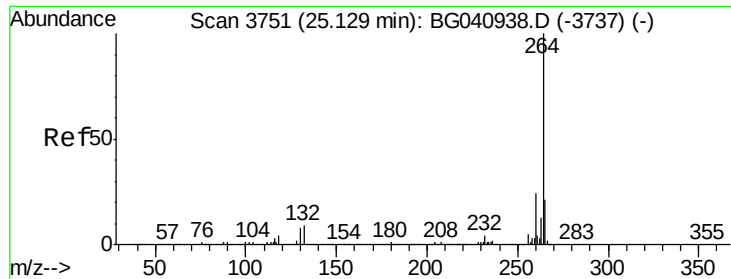
Tot Ion:149 Resp: 784413
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.2 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 25.054 ng
RT: 28.91 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion:276 Resp: 558301
Ion Ratio Lower Upper
276 100
138 0.0 5.7 8.5#
277 12.1 20.8 31.2#



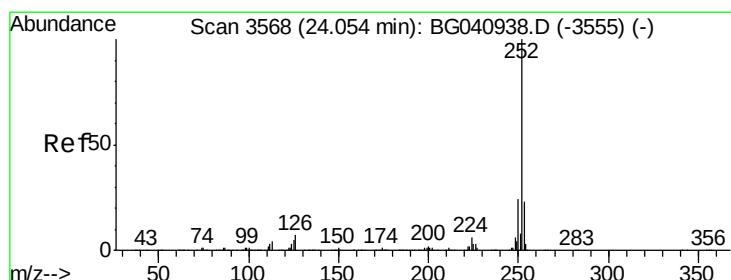
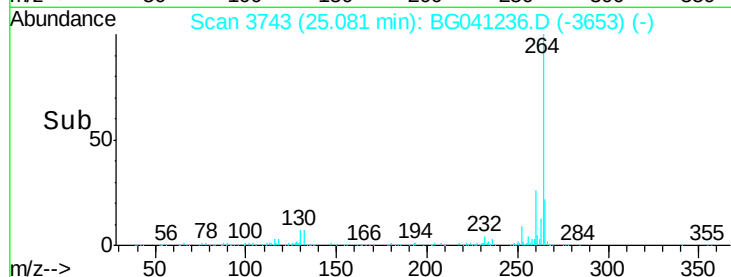
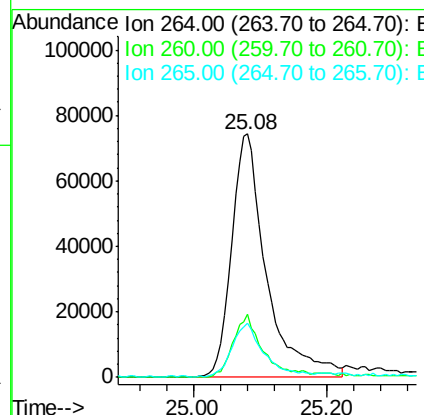
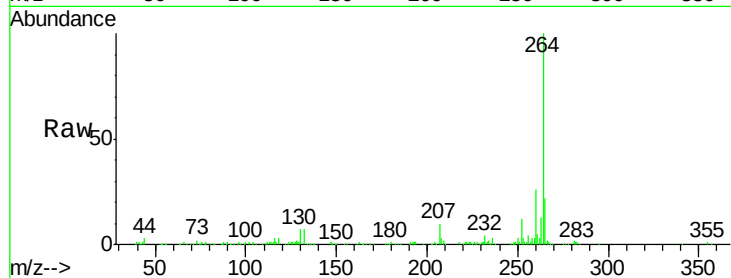


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 271446

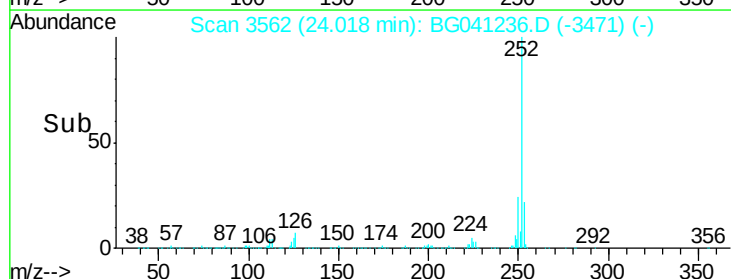
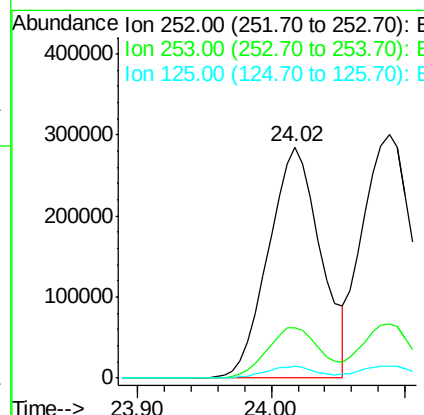
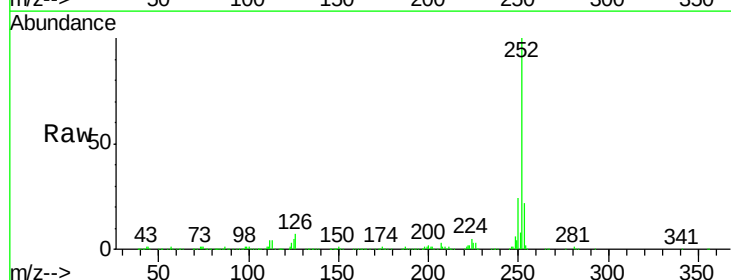
Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.0	28.4
265	22.2	17.0	25.4

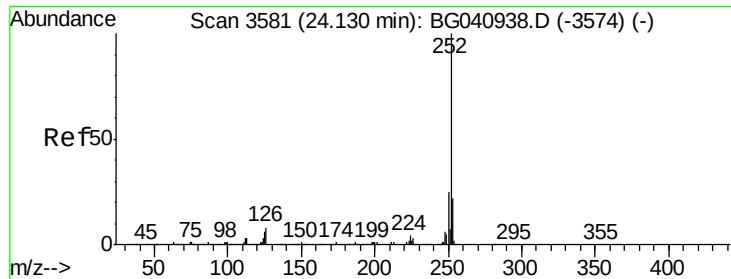


#88
Benzo(b)fluoranthene
Concen: 47.052 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion:252 Resp: 774668

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	5.3	4.3	6.5

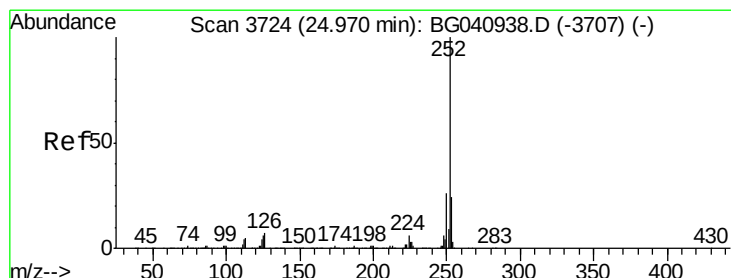
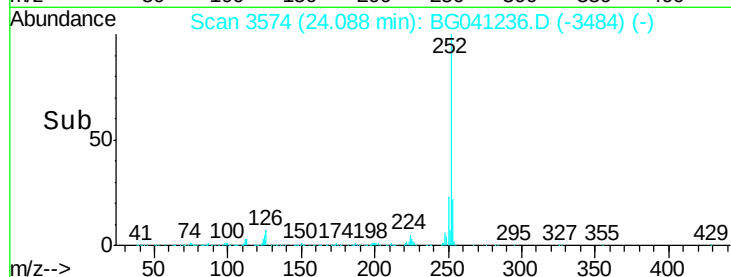
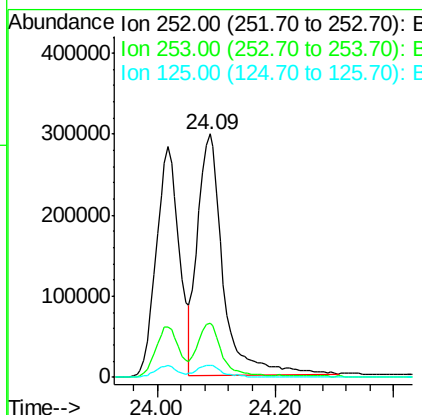
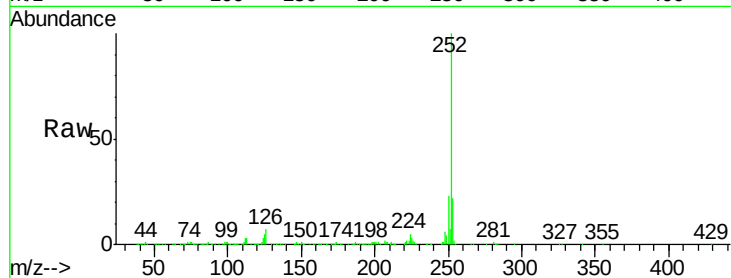




#89
Benzo(k)fluoranthene
Concen: 54.909 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

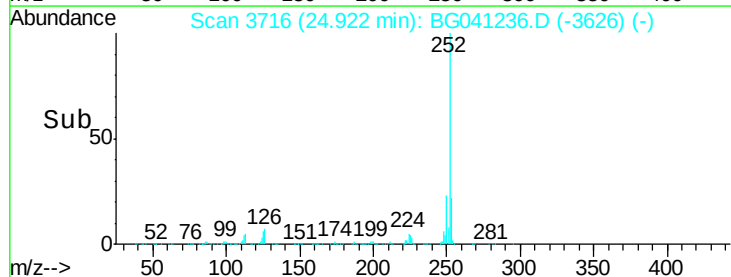
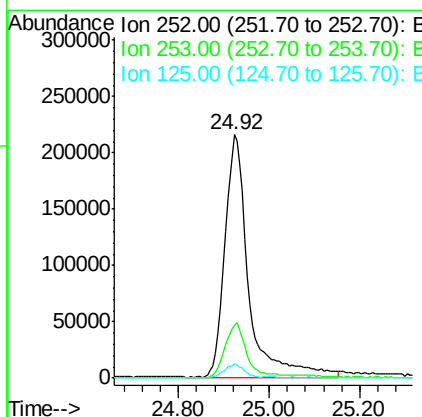
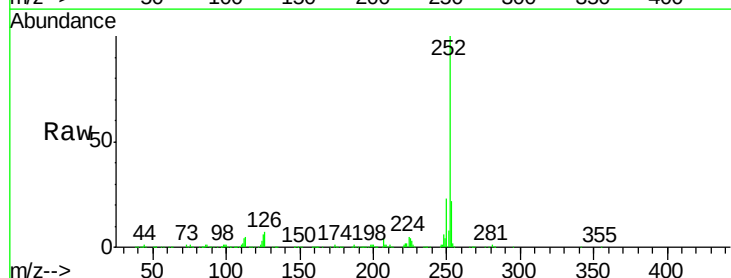
Instrument :
BNA_G
ClientSampleId :

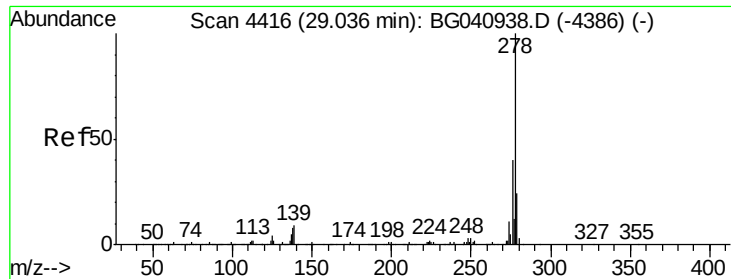
Tot Ion:252 Resp: 894605
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 4.8 4.7 7.1



#90
Benzo(a)pyrene
Concen: 49.792 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion:252 Resp: 782122
Ion Ratio Lower Upper
252 100
253 21.5 19.5 29.3
125 5.8 5.1 7.7

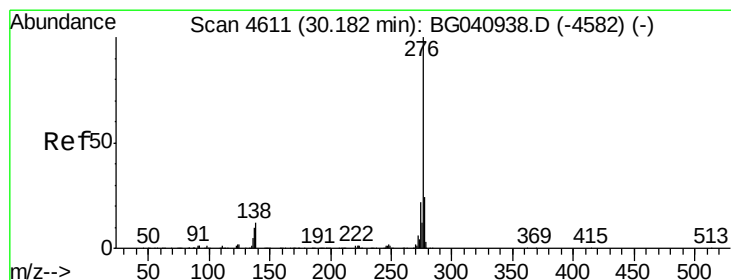
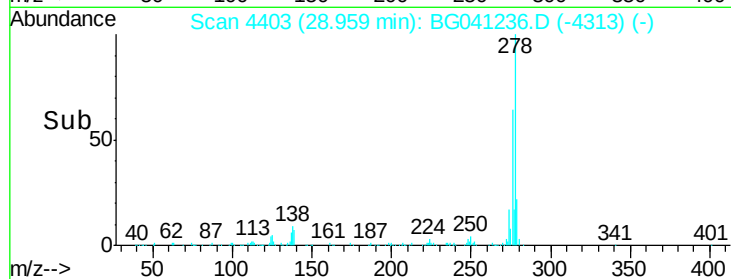
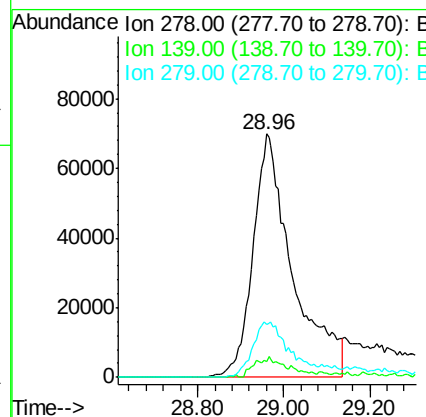
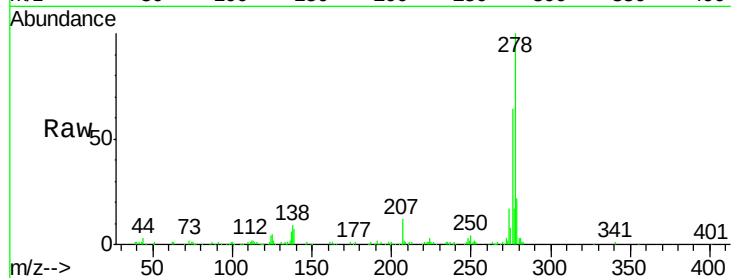




#91
Dibenzo(a,h)anthracene
Concen: 28.888 ng
RT: 28.96 min Scan# 4403
Delta R.T. -0.00 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 453410
Ion Ratio Lower Upper
278 100
139 6.7 7.1 10.7#
279 21.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 26.885 ng
RT: 30.09 min Scan# 4596
Delta R.T. -0.02 min
Lab File: BG041236.D
Acq: 14 Jun 2019 1:14

Tgt Ion:276 Resp: 409963
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 10.5 9.7 14.5

