

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041684.D
 Acq On : 17 Jul 2019 11:27
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 18 07:06:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98067	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	429028	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	260749	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	612104	20.00	ng	0.00
76) Chrysene-d12	21.65	240	571199	20.00	ng	0.00
87) Perylene-d12	24.85	264	672343	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	486834	81.15	ng	0.00
7) Phenol-d6	7.20	99	654932	81.17	ng	0.00
23) Nitrobenzene-d5	9.20	82	592805	84.03	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	256756	87.37	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1413309	83.93	ng	0.00
79) Terphenyl-d14	20.01	244	2005518	82.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	111101	38.995	ng	99
3) Pyridine	3.90	79	313752	41.254	ng	97
4) n-Nitrosodimethylamine	3.81	42	134597	38.323	ng	98
6) Aniline	7.37	93	436300	40.233	ng	96
8) 2-Chlorophenol	7.61	128	273252	40.235	ng	98
9) Benzaldehyde	7.18	77	203727	41.340	ng	99
10) Phenol	7.22	94	343721	40.433	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	274275	39.948	ng	97
12) 1,3-Dichlorobenzene	7.94	146	327584	40.425	ng	99
13) 1,4-Dichlorobenzene	8.08	146	325870	40.155	ng	99
14) 1,2-Dichlorobenzene	8.41	146	311141	40.666	ng	95
15) Benzyl Alcohol	8.28	79	255388	39.757	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	564687	39.692	ng	99
17) 2-Methylphenol	8.48	107	238131	40.505	ng	99
18) Hexachloroethane	9.14	117	117080	39.389	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	239967	40.689	ng	99
20) 3+4-Methylphenols	8.80	107	330553	41.030	ng	99
22) Acetophenone	8.87	105	419745	40.170	ng	# 96
24) Nitrobenzene	9.25	77	317878	41.306	ng	99
25) Isophorone	9.77	82	626850	40.579	ng	100
26) 2-Nitrophenol	9.96	139	150856	43.241	ng	97
27) 2,4-Dimethylphenol	10.02	122	240520	39.352	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	386155	40.559	ng	99
29) 2,4-Dichlorophenol	10.50	162	286389	41.097	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	330887	40.440	ng	98
31) Naphthalene	10.91	128	859193	40.678	ng	98
32) Benzoic acid	10.14	122	182460	40.410	ng	96
33) 4-Chloroaniline	11.00	127	396875	40.735	ng	99
34) Hexachlorobutadiene	11.20	225	217770	41.410	ng	99
35) Caprolactam	11.77	113	106196	41.461	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	299641	41.045	ng	99
37) 2-Methylnaphthalene	12.51	142	664735	41.193	ng	99
38) 1-Methylnaphthalene	12.72	142	633702	41.191	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	372947	41.756	ng	99

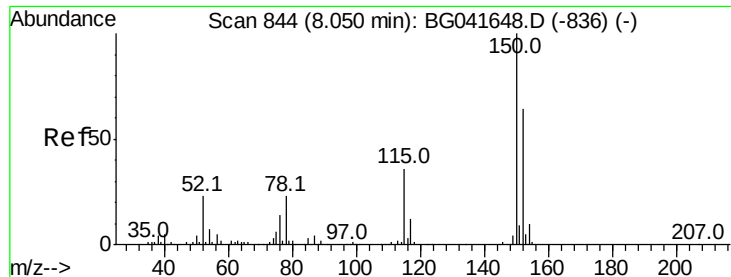
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041684.D
 Acq On : 17 Jul 2019 11:27
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 18 07:06:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	210767	41.716	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	250106	43.096	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	263146	43.036	ng	95
46) 1,1'-Biphenyl	13.51	154	818351	41.892	ng	98
47) 2-Chloronaphthalene	13.55	162	680532	41.800	ng	98
48) 2-Nitroaniline	13.73	65	213603	45.062	ng	99
49) Acenaphthylene	14.39	152	1060933	41.743	ng	98
50) Dimethylphthalate	14.12	163	862240	42.104	ng	99
51) 2,6-Dinitrotoluene	14.23	165	193101	44.454	ng	99
52) Acenaphthene	14.73	154	668075	41.711	ng	99
53) 3-Nitroaniline	14.56	138	205918	43.426	ng	# 91
54) 2,4-Dinitrophenol	14.76	184	87639	43.793	ng	# 85
55) Dibenzofuran	15.06	168	1008408	41.957	ng	98
56) 4-Nitrophenol	14.85	139	165276	43.051	ng	99
57) 2,4-Dinitrotoluene	15.02	165	263224	45.842	ng	99
58) Fluorene	15.71	166	809314	41.384	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	246931	43.744	ng	98
60) Diethylphthalate	15.48	149	851712	41.283	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	463669	41.943	ng	99
62) 4-Nitroaniline	15.71	138	215430	42.837	ng	99
63) Azobenzene	16.00	77	761020	40.801	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	125849	43.962	ng	97
66) n-Nitrosodiphenylamine	15.91	169	736614	40.979	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	302555	41.541	ng	99
68) Hexachlorobenzene	16.71	284	304798	41.559	ng	99
69) Atrazine	16.85	200	257188	39.427	ng	96
70) Pentachlorophenol	17.05	266	197132	42.988	ng	99
71) Phenanthrene	17.45	178	1276951	41.425	ng	97
72) Anthracene	17.54	178	1275206	41.501	ng	97
73) Carbazole	17.79	167	1161976	40.775	ng	97
74) Di-n-butylphthalate	18.37	149	1388830	39.958	ng	96
75) Fluoranthene	19.45	202	1523664	40.254	ng	95
77) Benzidine	19.62	184	785777	38.743	ng	100
78) Pyrene	19.80	202	1518909	39.317	ng	94
80) Butylbenzylphthalate	20.70	149	667567	41.585	ng	95
81) Benzo(a)anthracene	21.64	228	1530851	41.480	ng	96
82) 3,3'-Dichlorobenzidine	21.54	252	607285	41.816	ng	97
83) Chrysene	21.70	228	1474408	41.810	ng	95
84) Bis(2-ethylhexyl)phthalate	21.56	149	934931	41.248	ng	97
85) Di-n-octyl phthalate	22.77	149	1614581	41.829	ng	97
86) Indeno(1,2,3-cd)pyrene	28.50	276	1911204	41.074	ng	# 92
88) Benzo(b)fluoranthene	23.83	252	1664245	40.808	ng	98
89) Benzo(k)fluoranthene	23.90	252	1591118	42.105	ng	98
90) Benzo(a)pyrene	24.70	252	1589724	41.200	ng	98
91) Dibenzo(a,h)anthracene	28.57	278	1529407	40.879	ng	99
92) Benzo(g,h,i)perylene	29.63	276	1536545	40.983	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

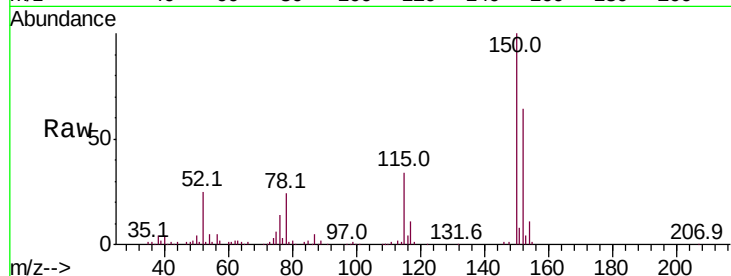
Tot Ion:152 Resp: 98067

Ion Ratio Lower Upper

152 100

150 155.8 126.9 190.3

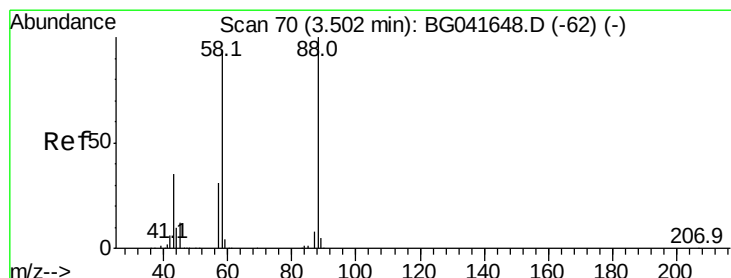
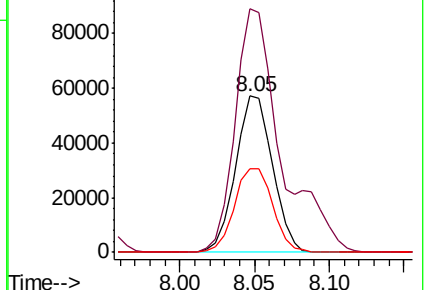
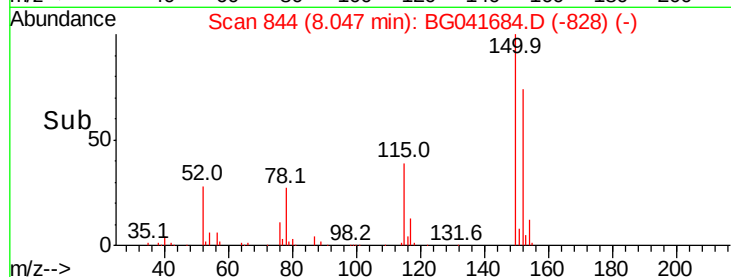
115 53.4 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.995 ng

RT: 3.50 min Scan# 70

Delta R.T. 0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

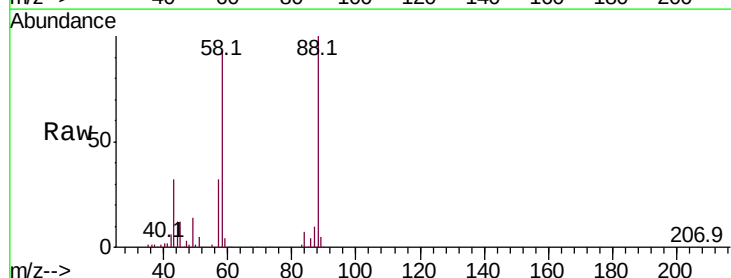
Tgt Ion: 88 Resp: 111101

Ion Ratio Lower Upper

88 100

58 94.4 76.2 114.2

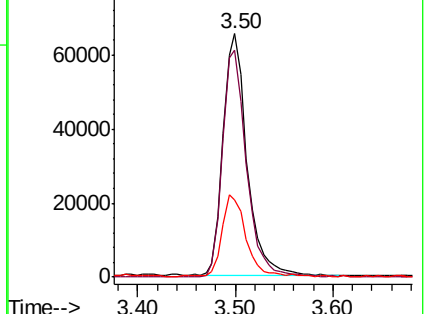
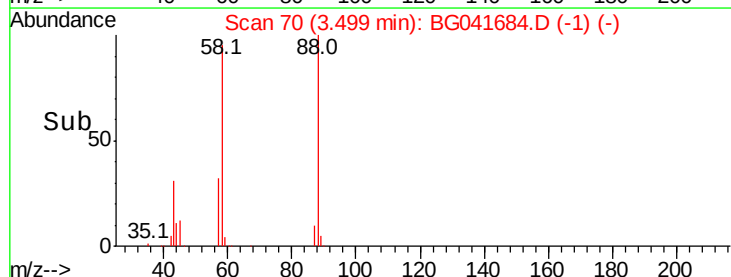
43 32.7 27.2 40.8

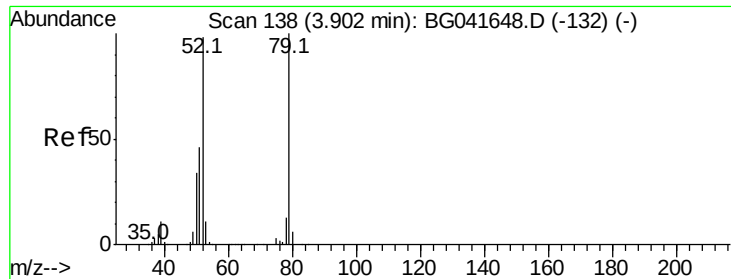


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.254 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

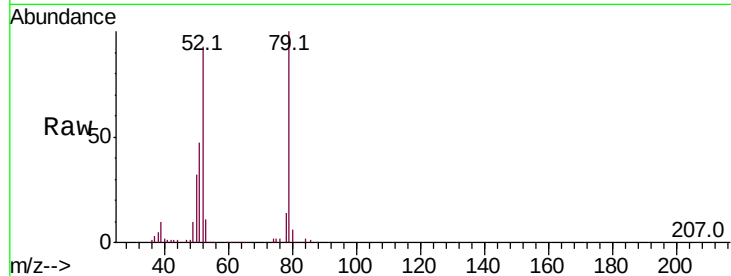
Tot Ion: 79 Resp: 313752

Ion Ratio Lower Upper

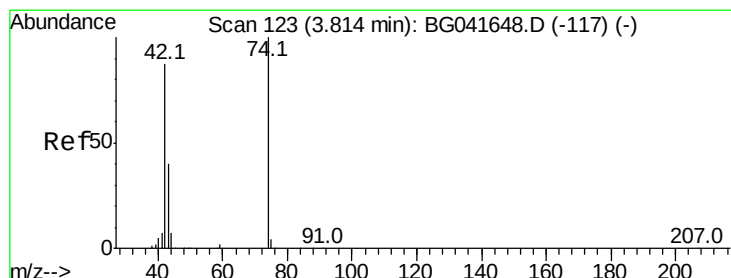
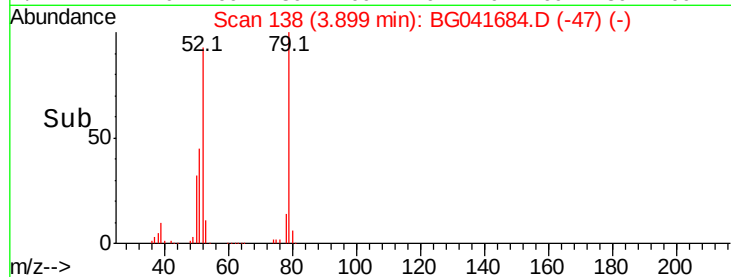
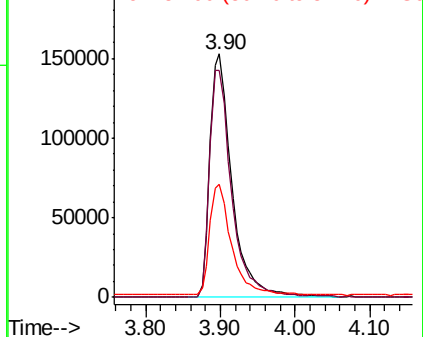
79 100

52 93.0 77.1 115.7

51 46.6 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 38.323 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

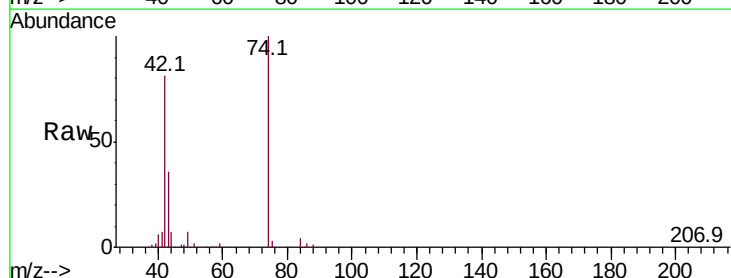
Tgt Ion: 42 Resp: 134597

Ion Ratio Lower Upper

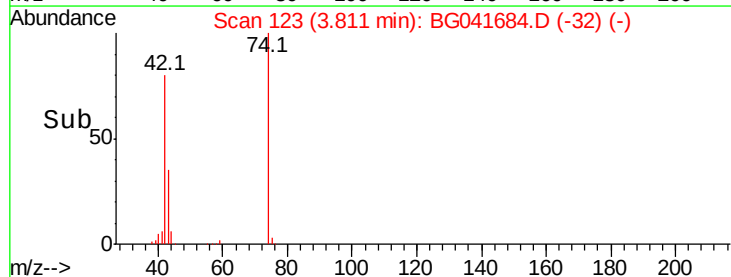
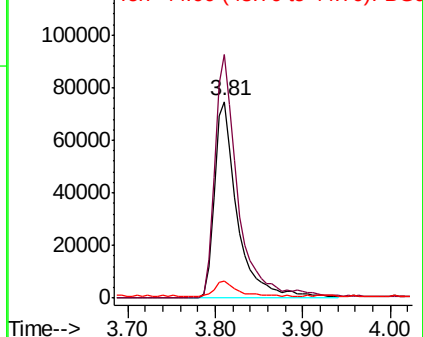
42 100

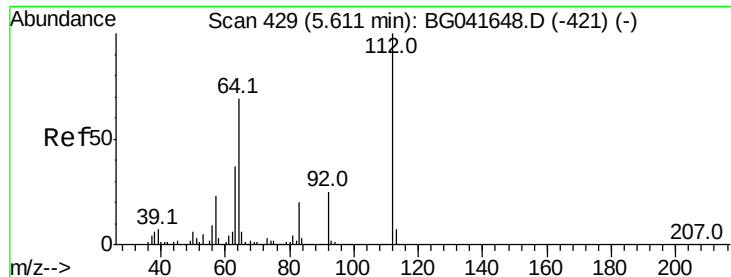
74 124.0 97.4 146.2

44 8.6 6.6 9.8



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





#5

2-Fluorophenol

Concen: 81.154 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

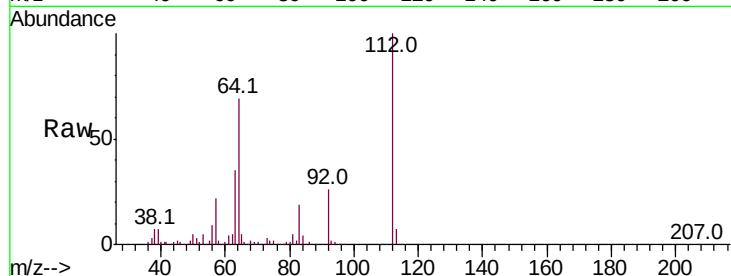
Tot Ion:112 Resp: 486834

Ion Ratio Lower Upper

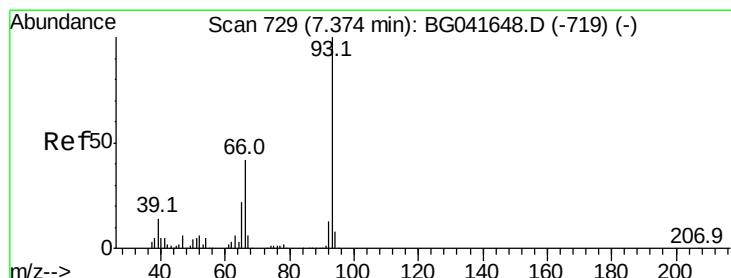
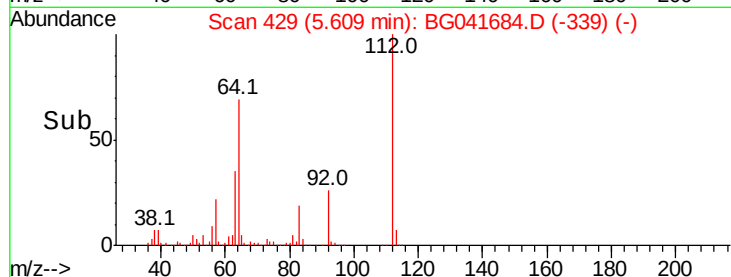
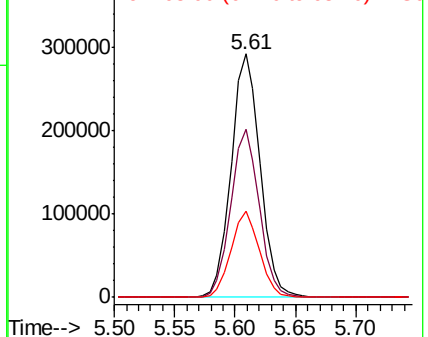
112 100

64 69.2 55.4 83.2

63 35.5 29.1 43.7



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: 40.233 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

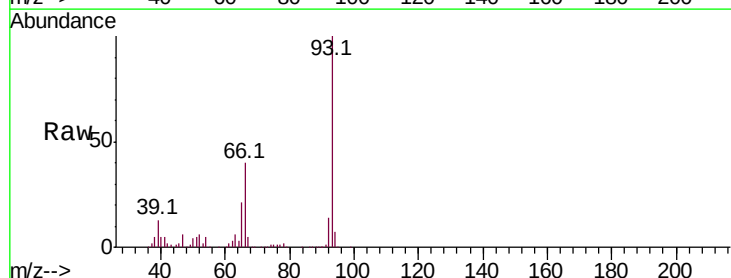
Tgt Ion: 93 Resp: 436300

Ion Ratio Lower Upper

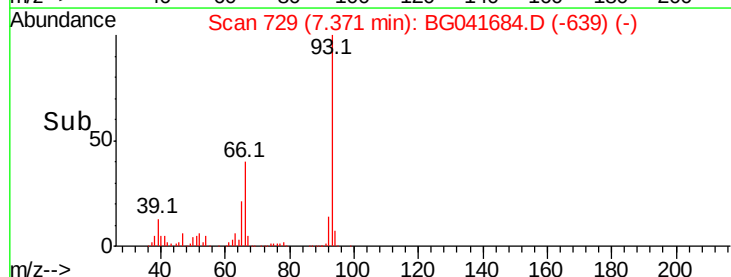
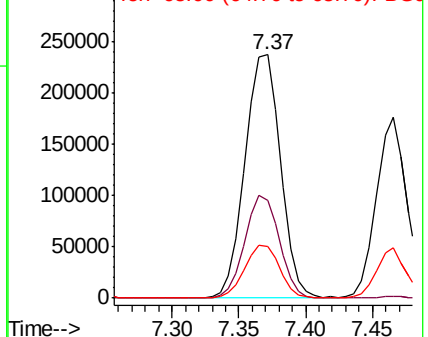
93 100

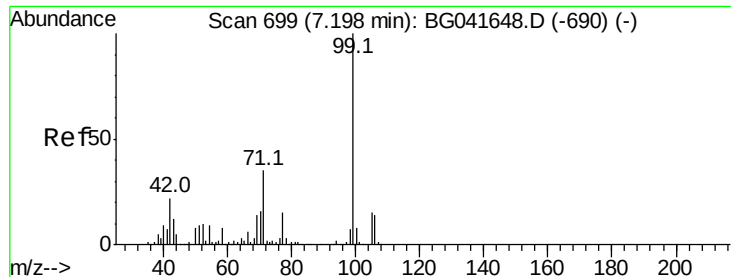
66 39.9 34.2 51.2

65 21.3 18.2 27.2



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: 81.169 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampled :

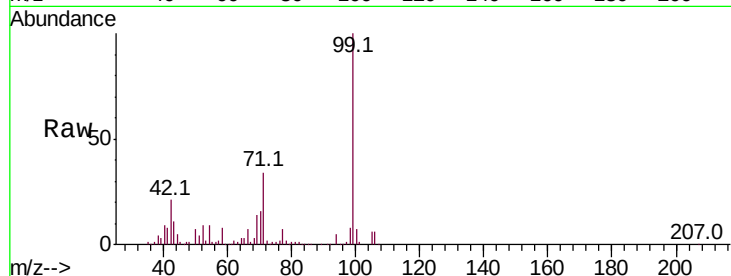
Tot Ion: 99 Resp: 654932

Ion Ratio Lower Upper

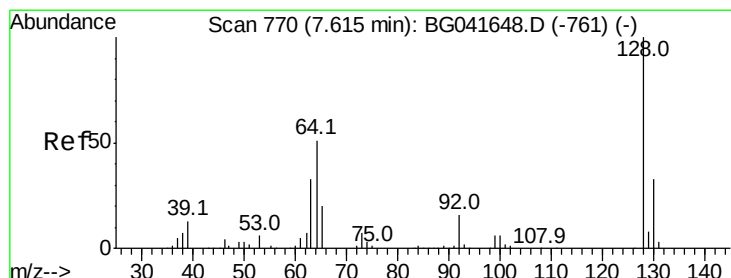
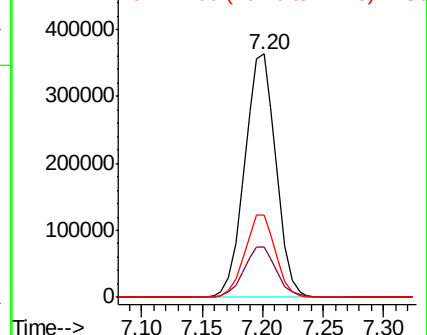
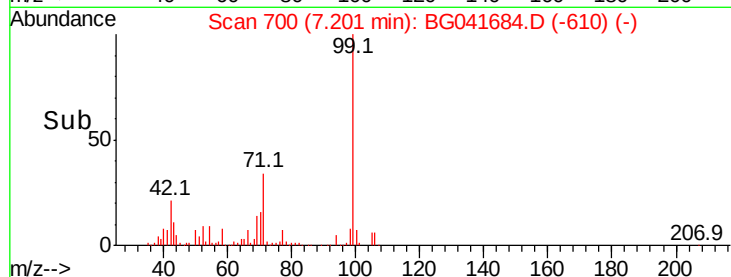
99 100

42 20.7 17.6 26.4

71 33.6 27.8 41.6



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



#8

2-Chlorophenol

Concen: 40.235 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

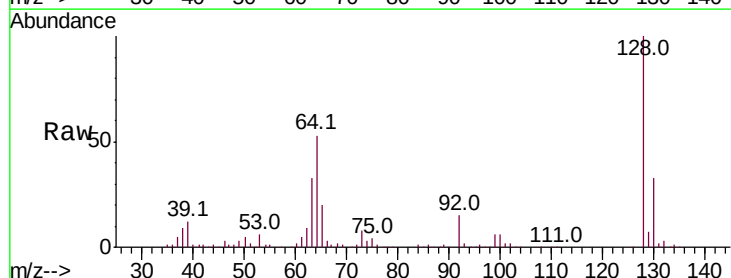
Tgt Ion: 128 Resp: 273252

Ion Ratio Lower Upper

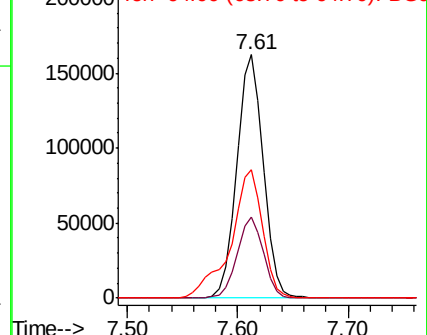
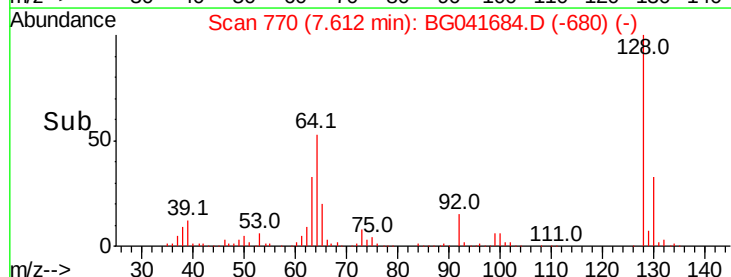
128 100

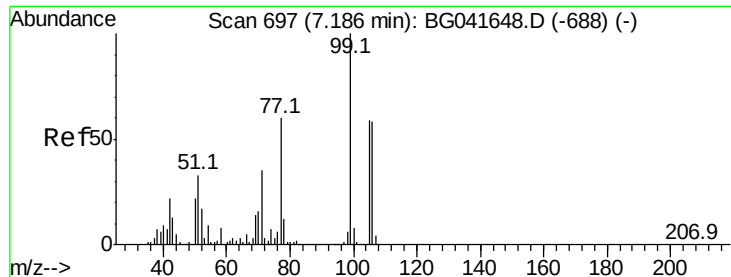
130 33.2 12.4 52.4

64 52.7 34.9 74.9



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





#9

Benzaldehyde

Concen: 41.340 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

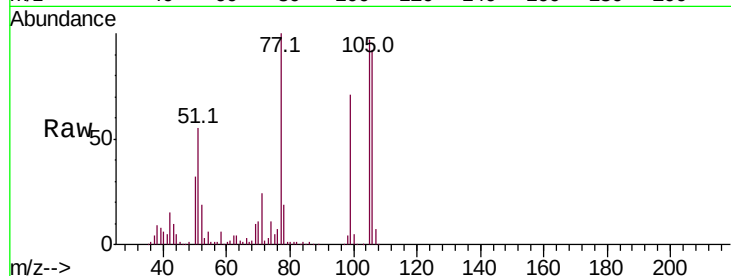
Tot Ion: 77 Resp: 203727

Ion Ratio Lower Upper

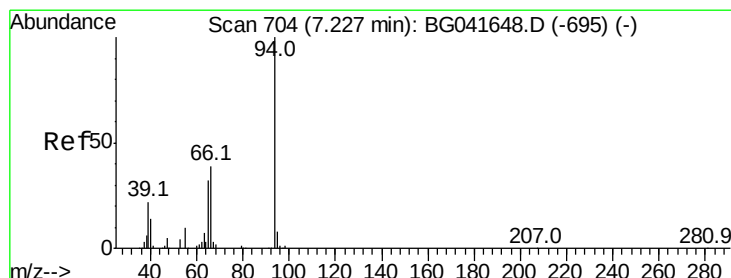
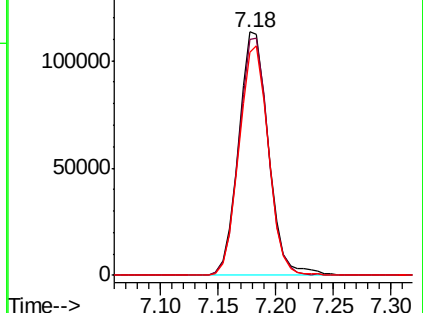
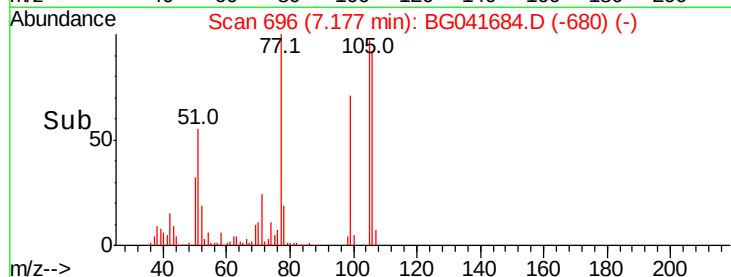
77 100

105 96.8 74.6 114.6

106 91.6 71.1 111.1



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



#10

Phenol

Concen: 40.433 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

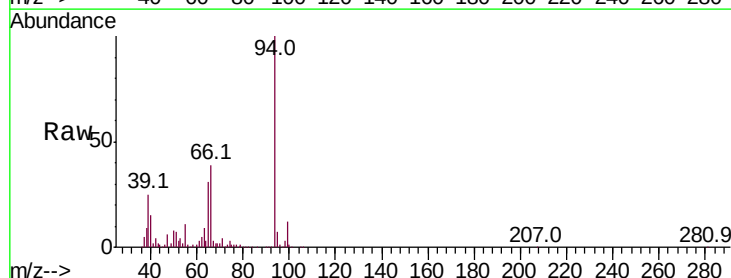
Tgt Ion: 94 Resp: 343721

Ion Ratio Lower Upper

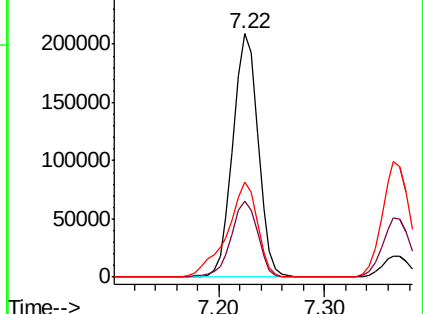
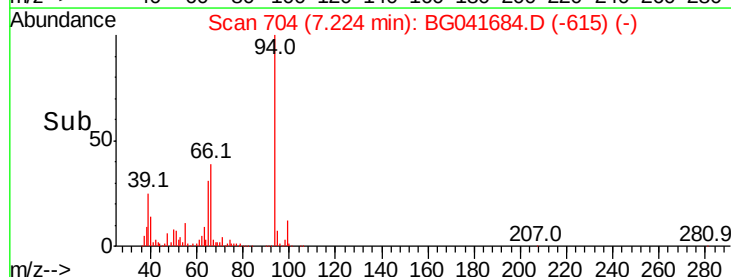
94 100

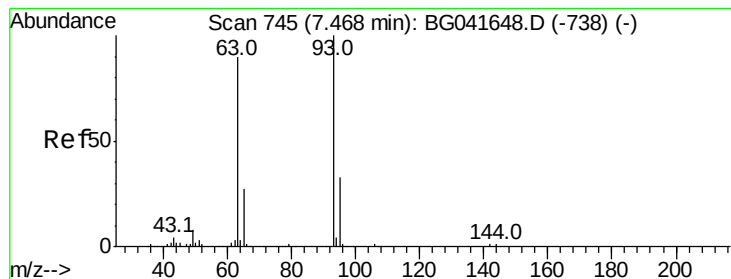
65 30.9 10.6 50.6

66 38.8 18.2 58.2



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





#11

bis(2-Chloroethyl)ether

Concen: 39.948 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampled :

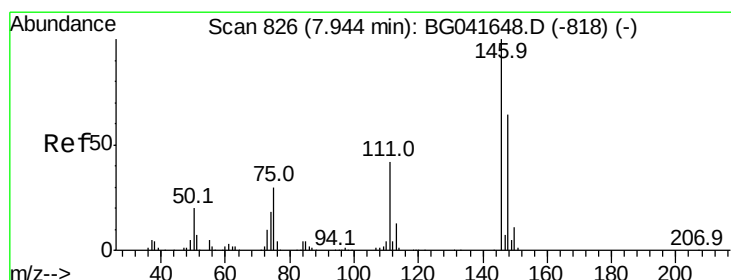
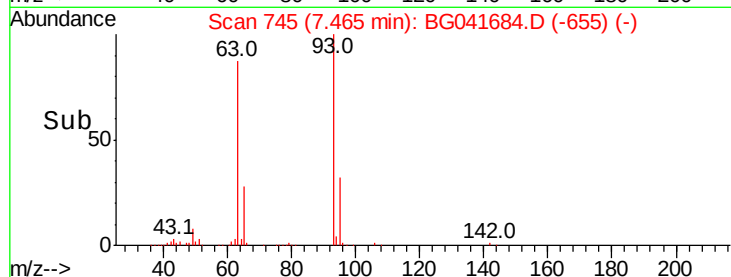
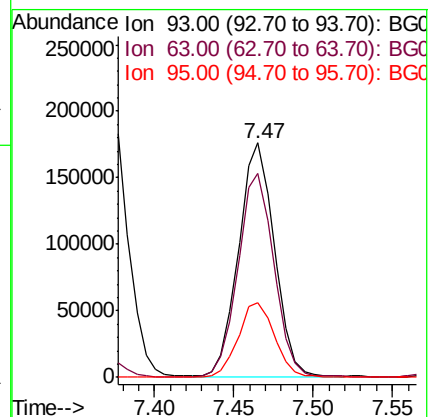
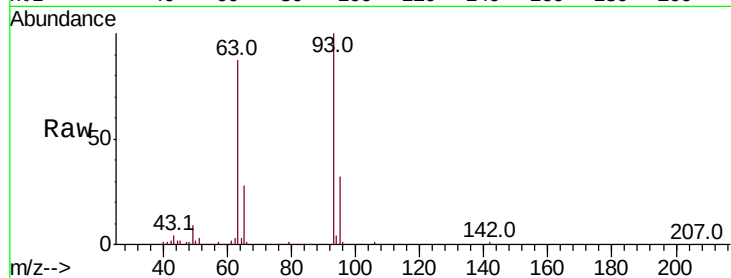
Tot Ion: 93 Resp: 274275

Ion Ratio Lower Upper

93 100

63 86.9 70.4 110.4

95 31.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.425 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

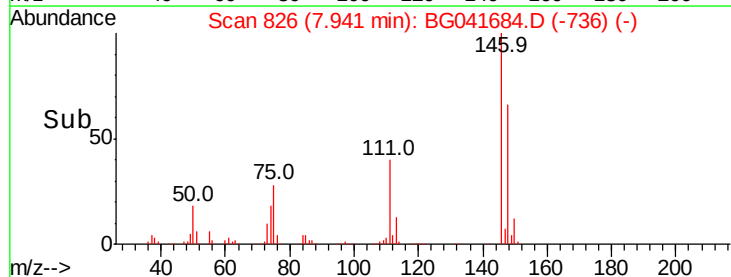
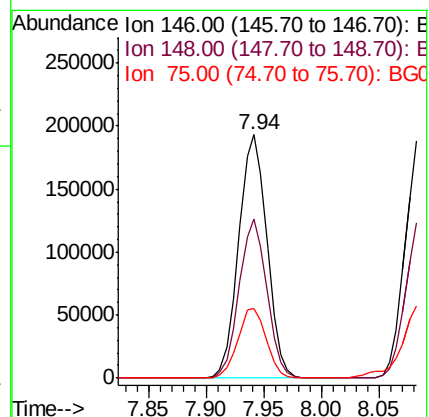
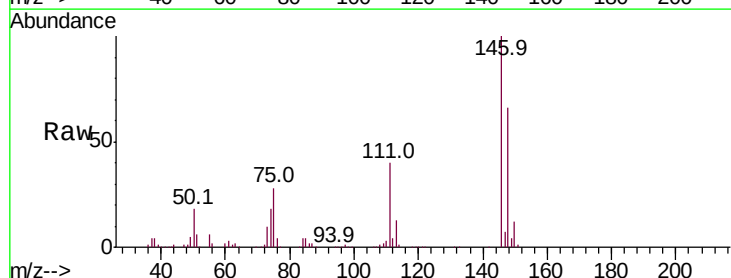
Tgt Ion: 146 Resp: 327584

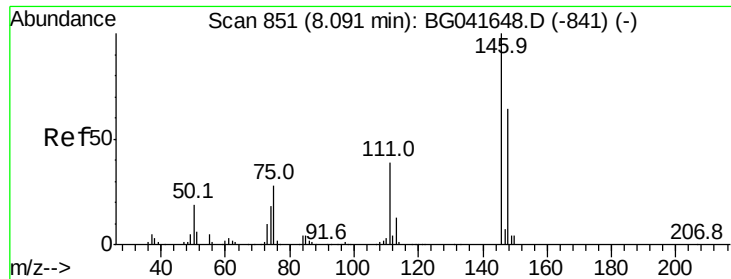
Ion Ratio Lower Upper

146 100

148 65.6 51.5 77.3

75 28.4 23.2 34.8

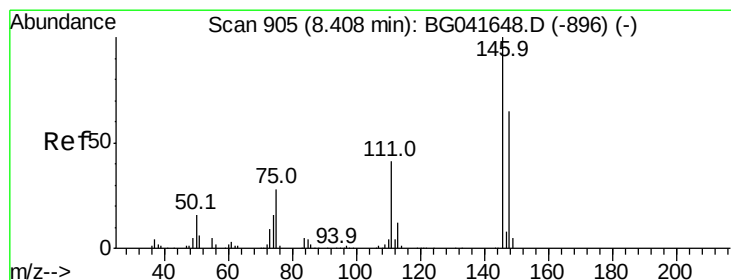
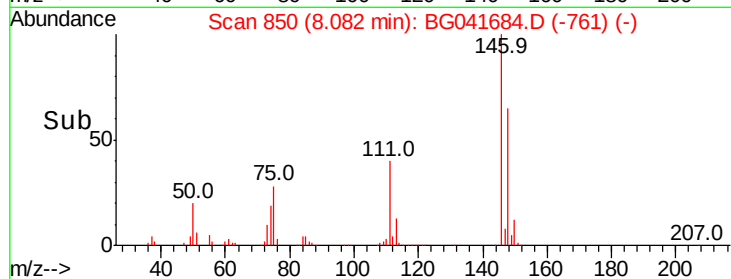
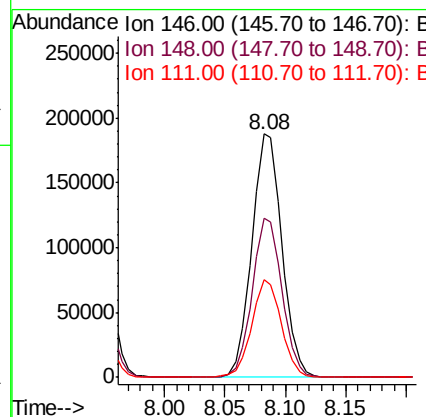
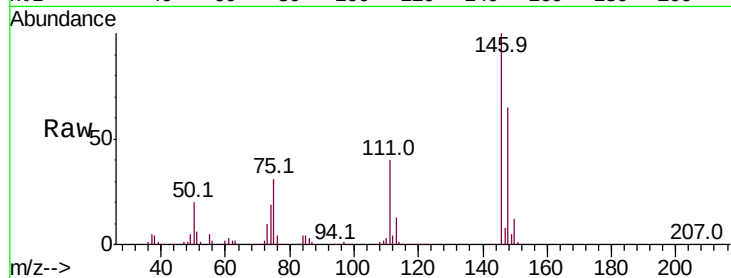




#13
 1,4-Dichlorobenzene
 Concen: 40.155 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

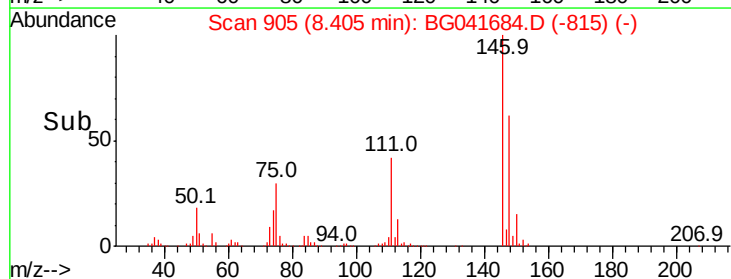
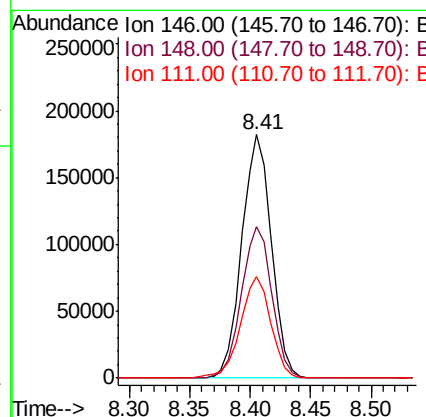
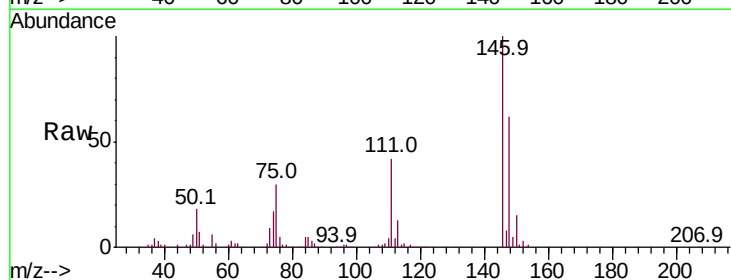
Instrument :
 BNA_G
 ClientSampled :

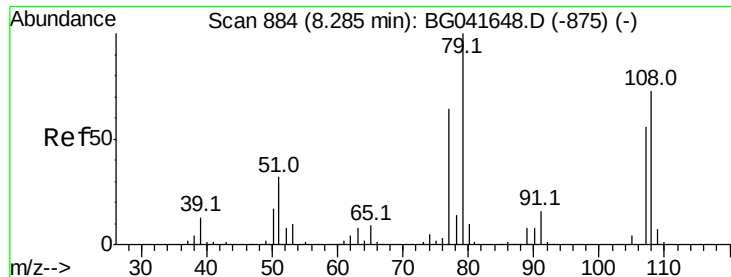
Tot Ion:146 Resp: 325870
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.6 79.0
 111 40.0 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 40.666 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:146 Resp: 311141
 Ion Ratio Lower Upper
 146 100
 148 62.5 53.5 80.3
 111 41.8 35.4 53.0





#15

Benzyl Alcohol

Concen: 39.757 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

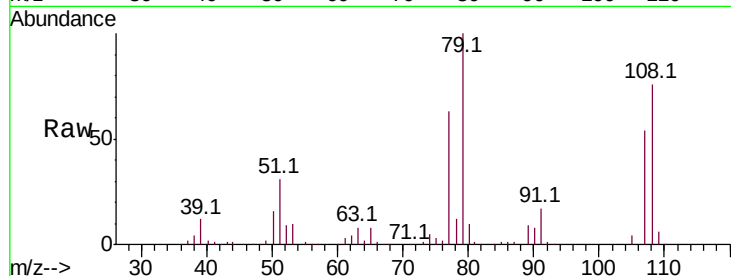
Tot Ion: 79 Resp: 255388

Ion Ratio Lower Upper

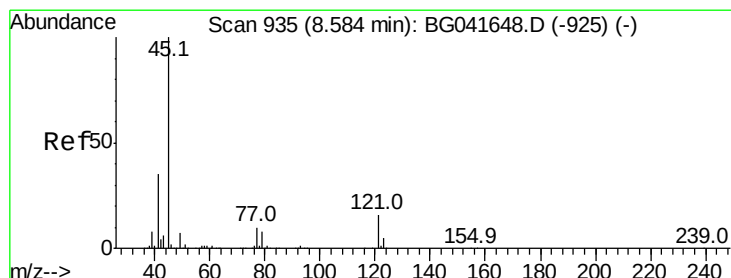
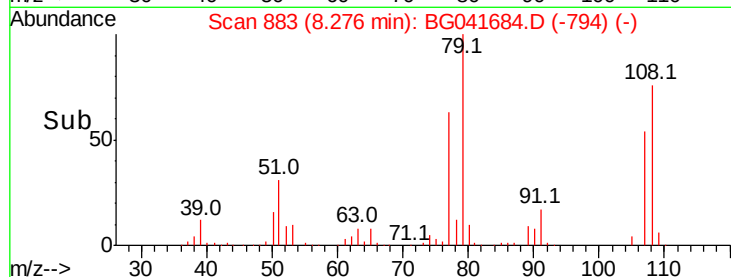
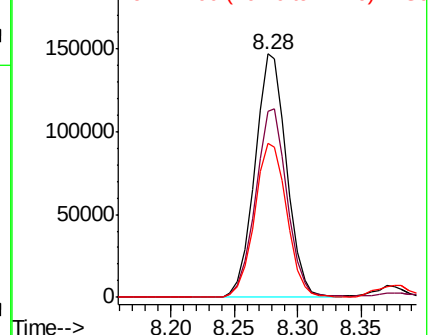
79 100

108 76.5 60.5 90.7

77 63.2 50.6 75.8



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: 39.692 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

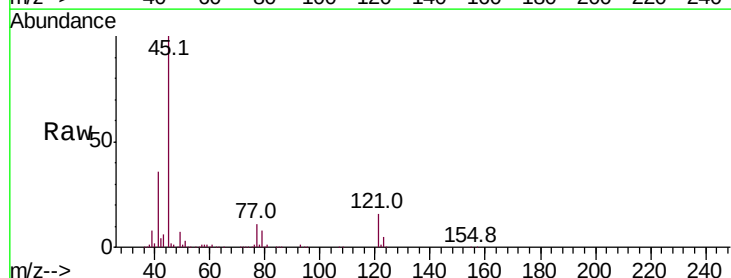
Tgt Ion: 45 Resp: 564687

Ion Ratio Lower Upper

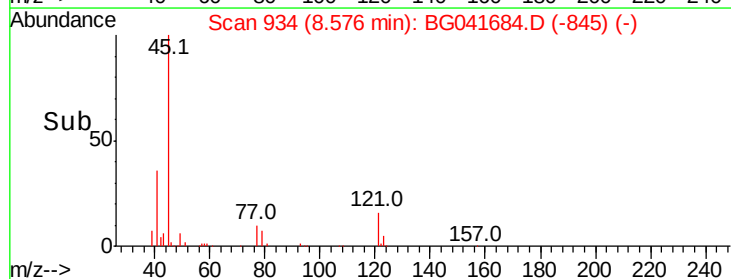
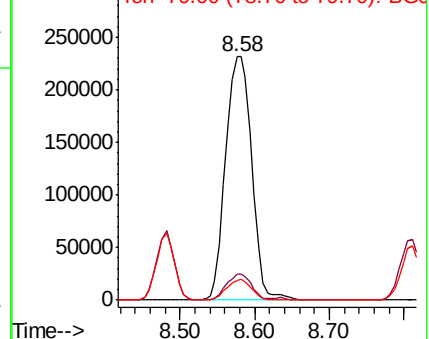
45 100

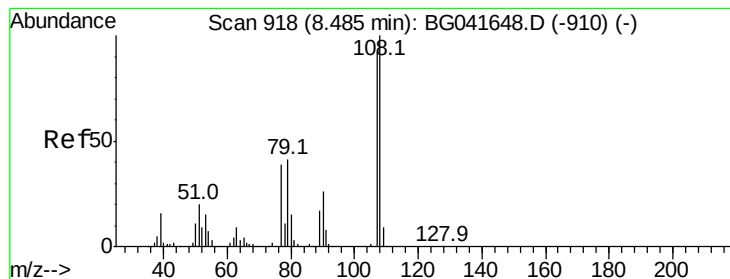
77 10.7 0.0 30.4

79 8.0 0.0 27.9



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

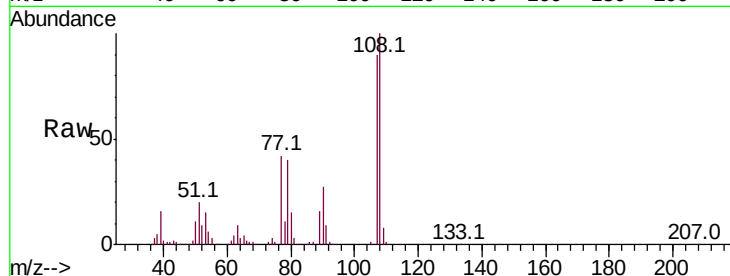




#17
2-Methylphenol
Concen: 40.505 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.6	131.4
77	46.4	36.1	54.1
79	44.6	36.4	54.6



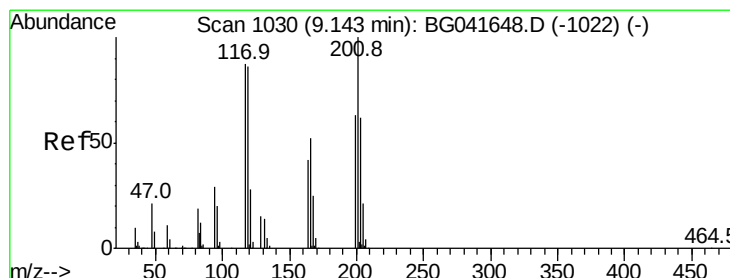
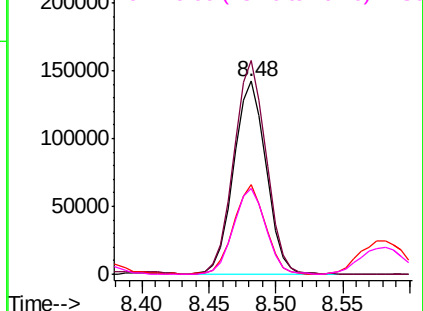
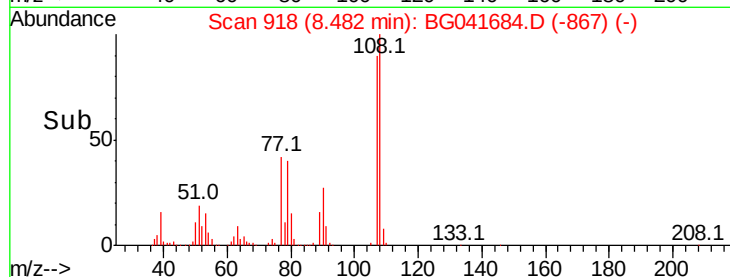
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

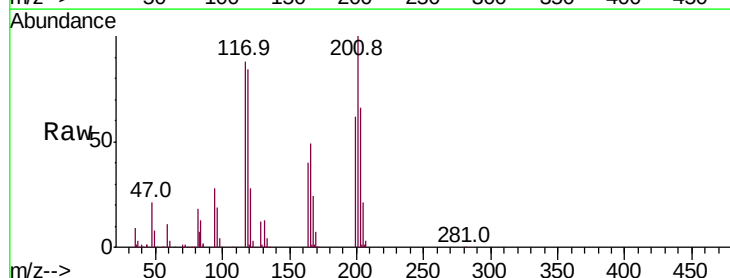
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 39.389 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.2	114.2
201	113.4	94.1	141.1

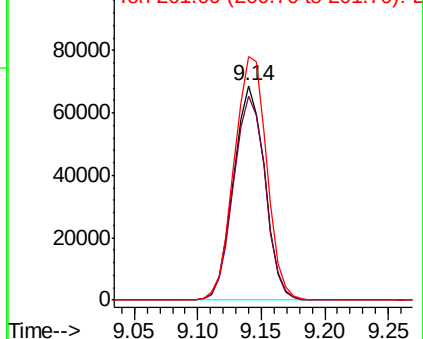
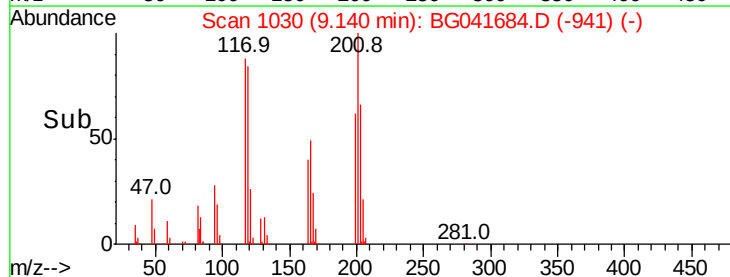


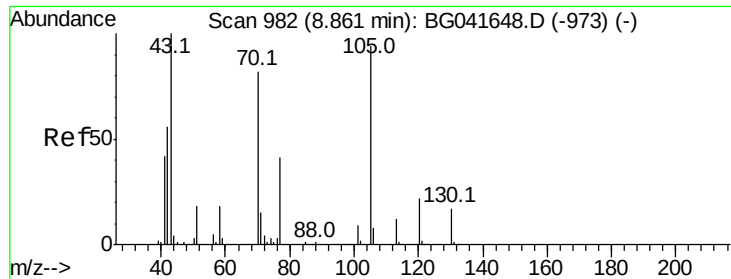
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

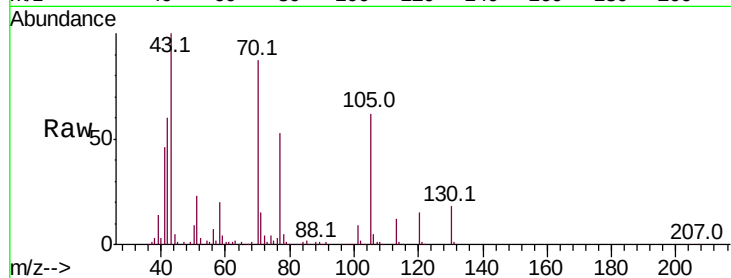




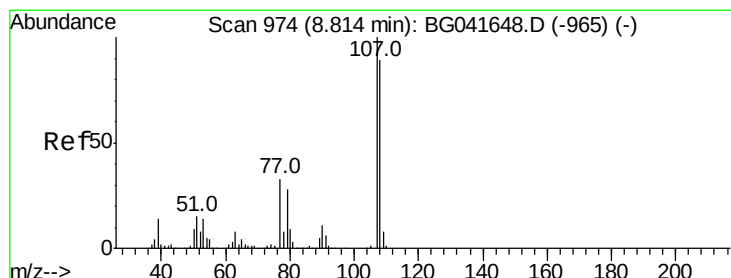
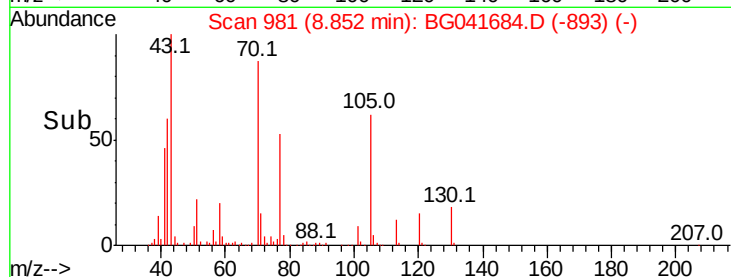
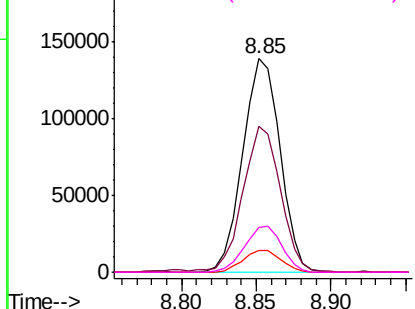
#19
n-Nitroso-di-n-propylamine
Concen: 40.689 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 239967
Ion Ratio Lower Upper
70 100
42 68.4 55.8 83.6
101 10.2 8.1 12.1
130 20.8 17.3 25.9

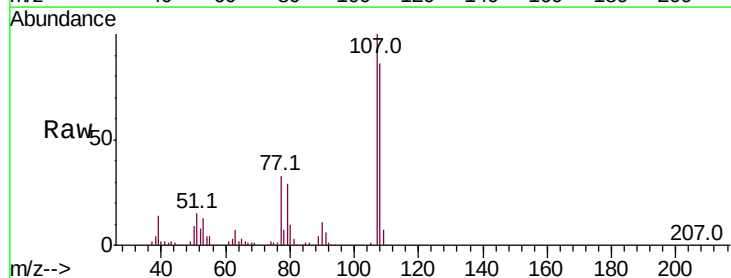


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

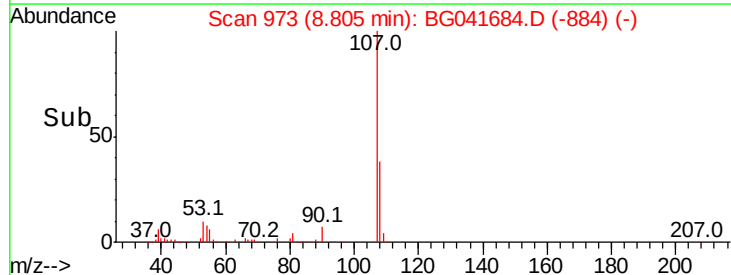
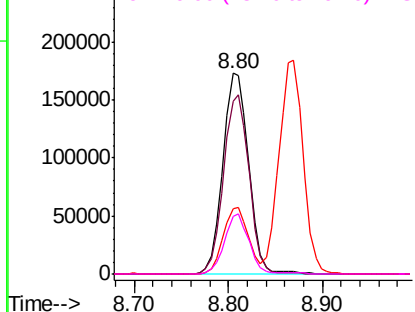


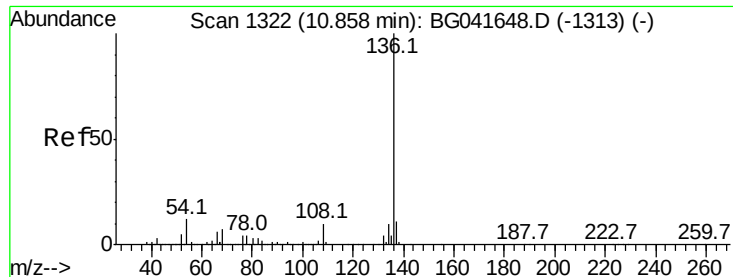
#20
3+4-Methylphenols
Concen: 41.030 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion: 107 Resp: 330553
Ion Ratio Lower Upper
107 100
108 86.0 67.5 107.5
77 32.8 12.3 52.3
79 28.7 8.3 48.3



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

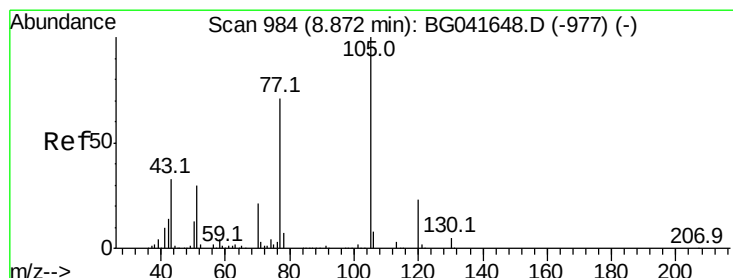
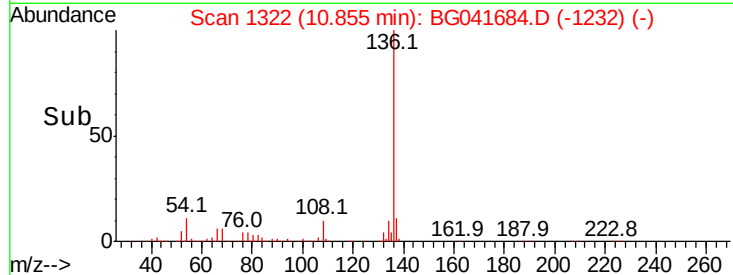
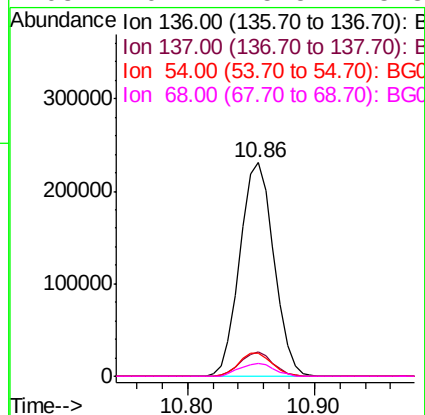
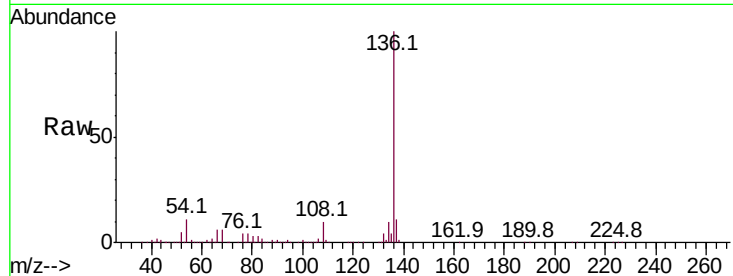




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

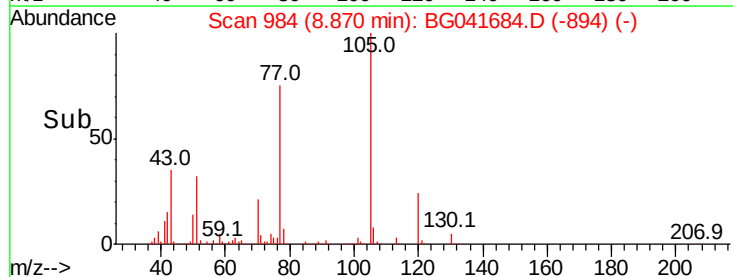
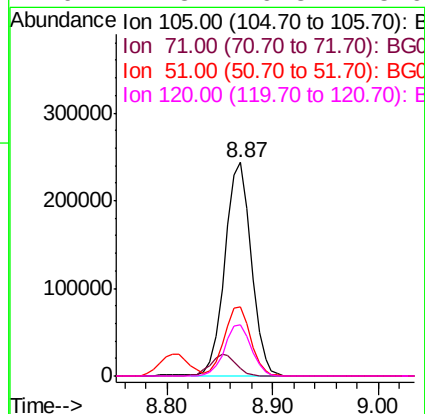
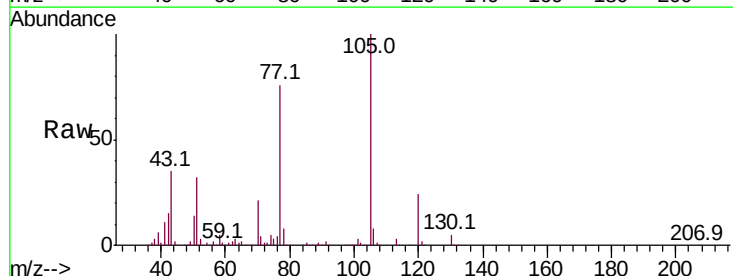
Instrument :
BNA_G
ClientSampleId :

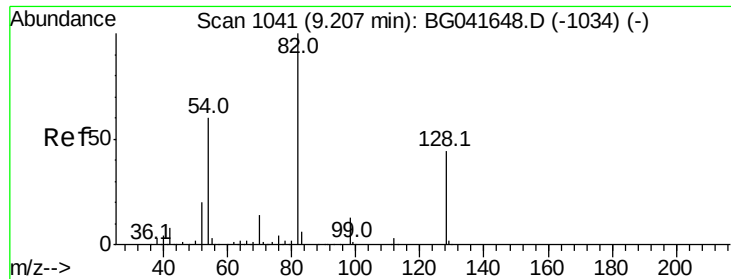
Tot Ion:136	Resp: 429028
Ion Ratio	Lower Upper
136 100	
137 11.3	9.2 13.8
54 10.9	8.7 13.1
68 6.2	5.5 8.3



#22
Acetophenone
Concen: 40.170 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion:105	Resp: 419745
Ion Ratio	Lower Upper
105 100	
71 3.6	5.9 8.9#
51 32.2	27.7 41.5
120 24.3	19.3 28.9

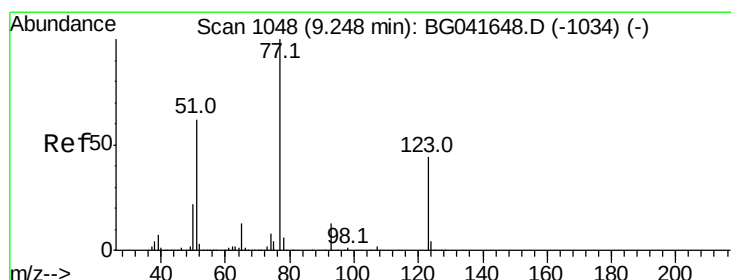
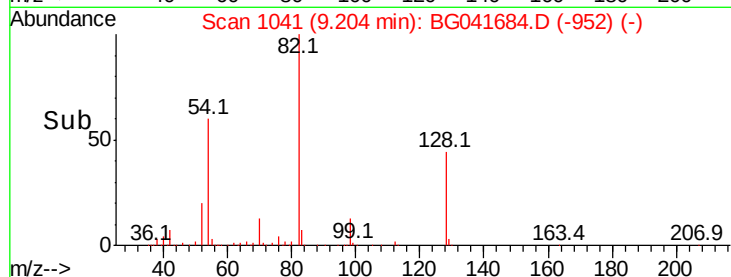
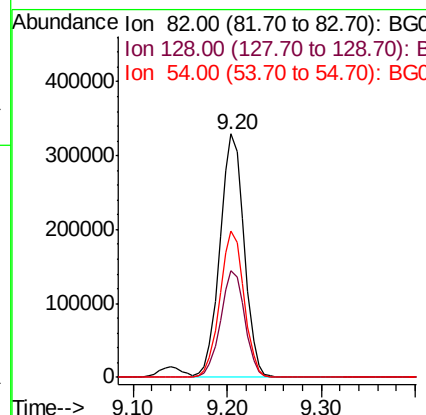
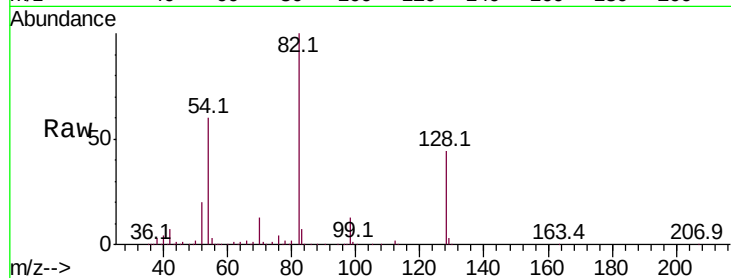




#23
 Nitrobenzene-d5
 Concen: 84.031 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

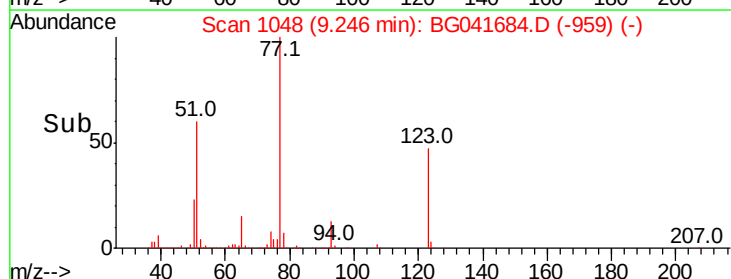
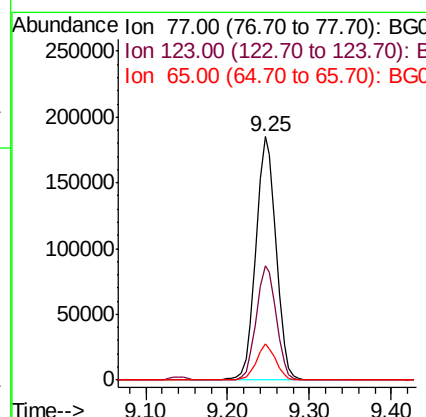
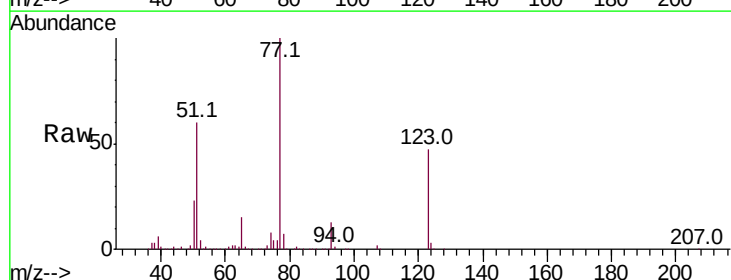
Instrument :
 BNA_G
 ClientSampleId :

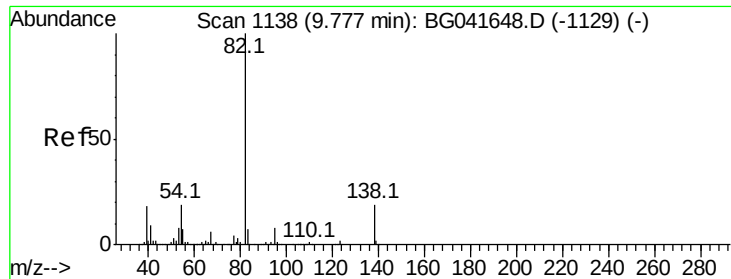
Tot Ion: 82 Resp: 592805
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.1 52.7
 54 59.9 48.7 73.1



#24
 Nitrobenzene
 Concen: 41.306 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion: 77 Resp: 317878
 Ion Ratio Lower Upper
 77 100
 123 47.0 38.1 57.1
 65 15.0 11.0 16.6





#25

Isophorone

Concen: 40.579 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

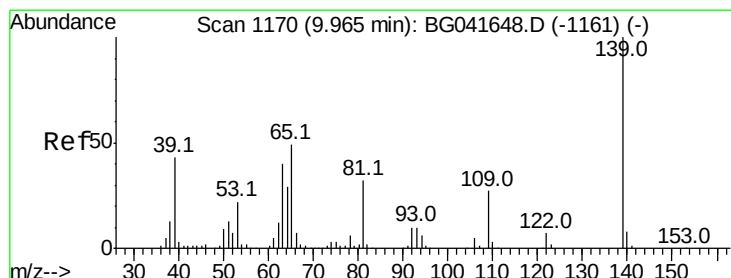
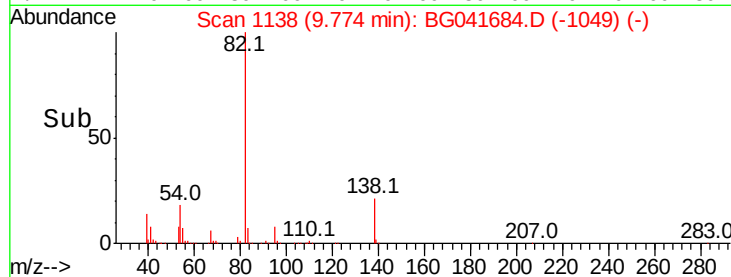
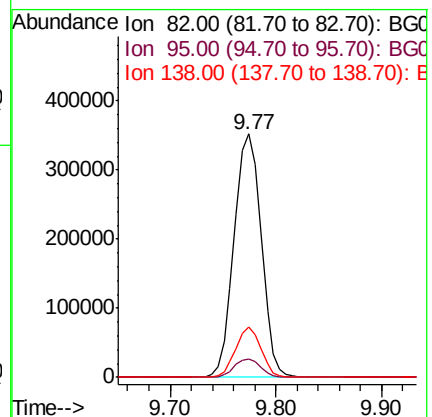
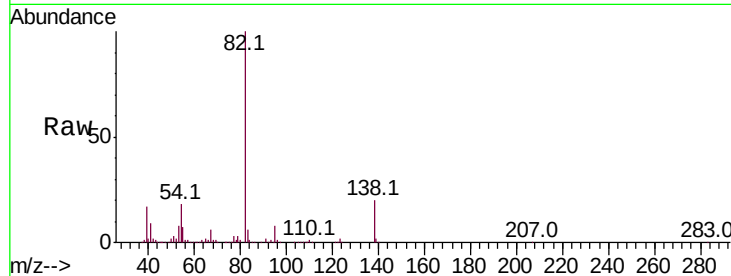
Tot Ion: 82 Resp: 626850

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

138 20.5 16.3 24.5



#26

2-Nitrophenol

Concen: 43.241 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

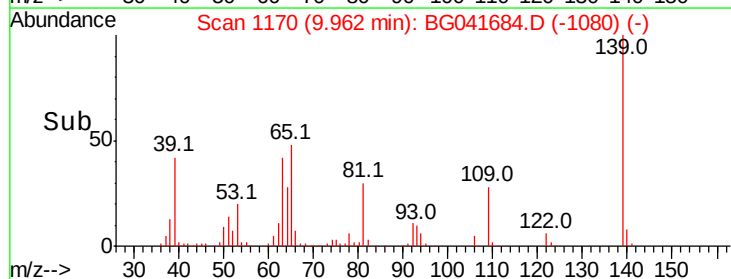
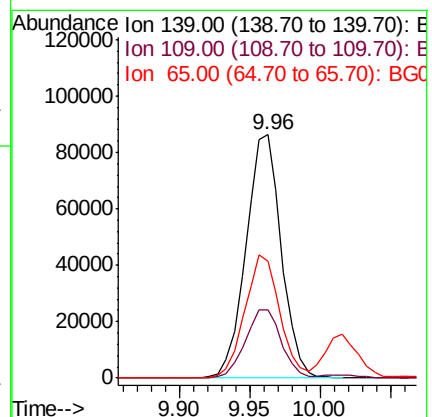
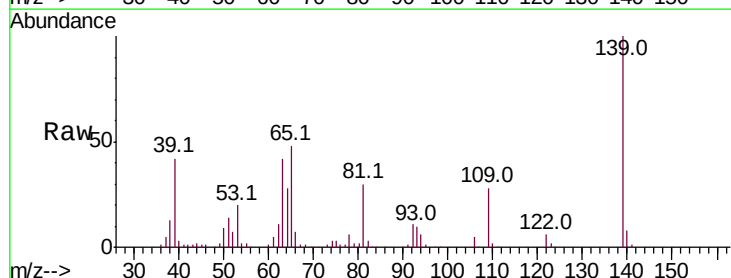
Tgt Ion: 139 Resp: 150856

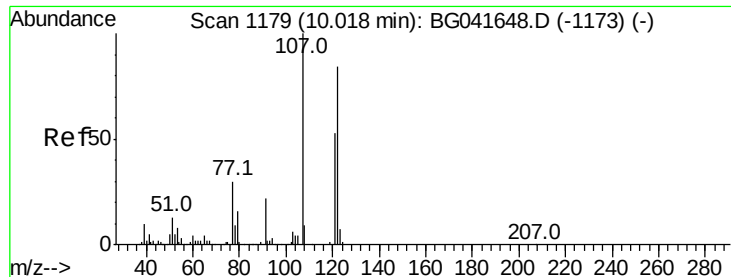
Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

65 48.1 41.1 61.7

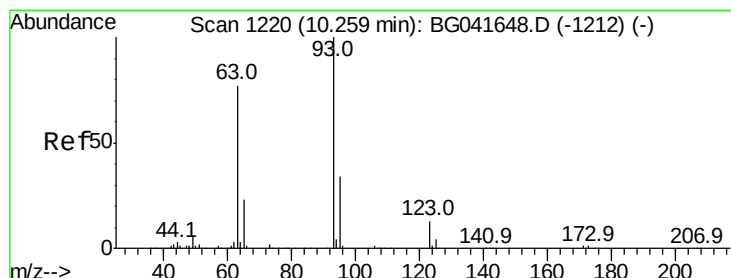
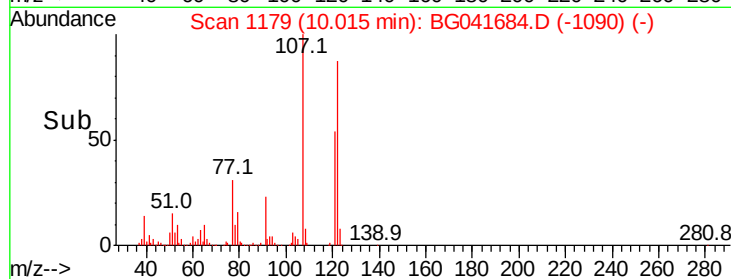
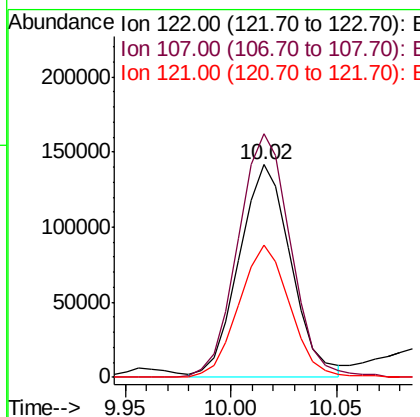
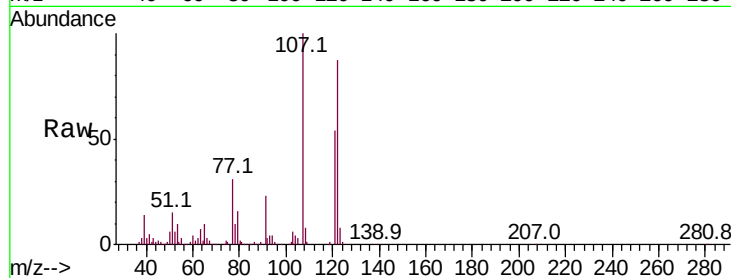




#27
2,4-Dimethylphenol
Concen: 39.352 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

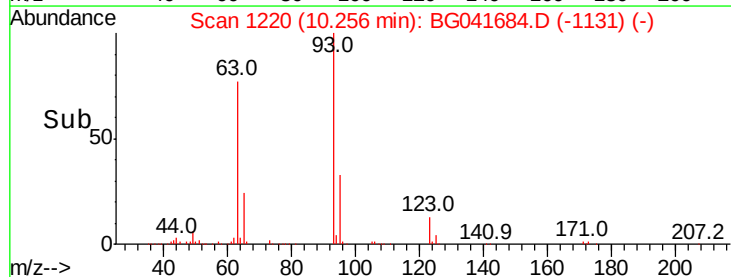
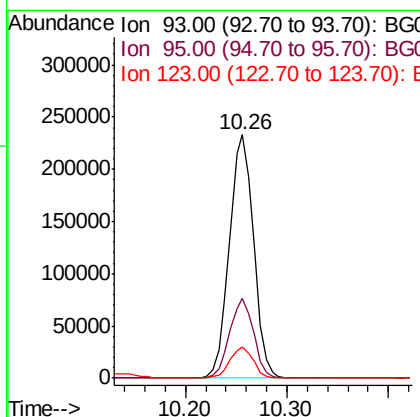
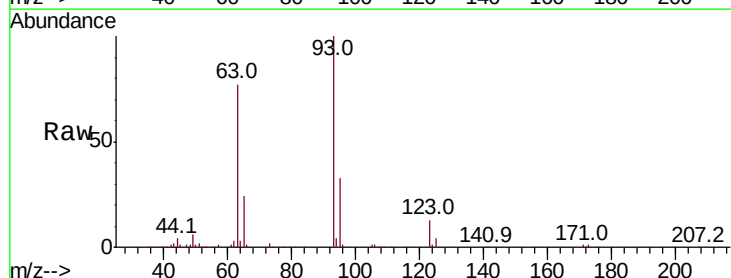
Instrument :
BNA_G
ClientSampleId :

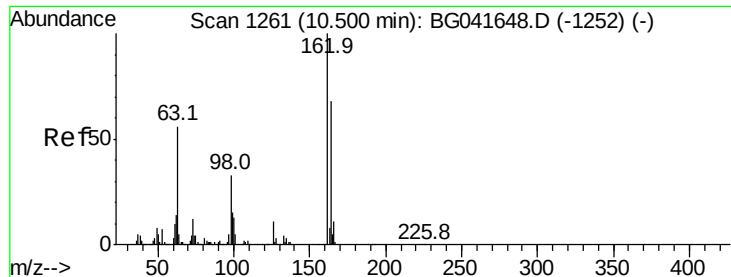
Tot Ion:122 Resp: 240520
Ion Ratio Lower Upper
122 100
107 114.5 91.3 136.9
121 61.9 49.2 73.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.559 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion: 93 Resp: 386155
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 12.6 9.9 14.9

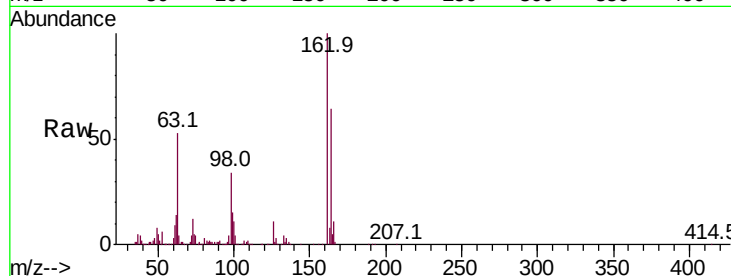




#29
2,4-Dichlorophenol
Concen: 41.097 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.1	86.1
98	34.2	14.7	54.7

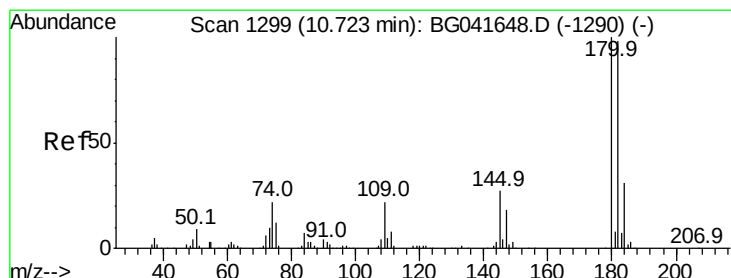
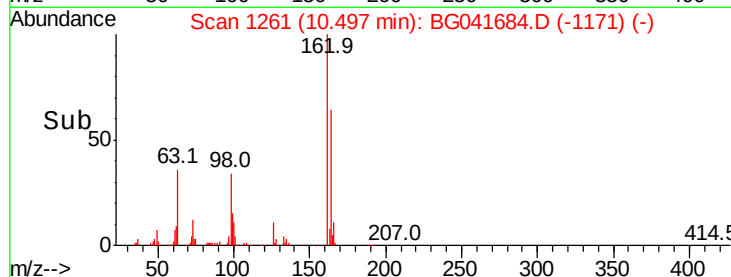
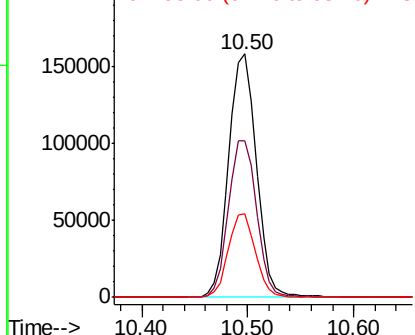


Abundance

Ion 162.00 (161.70 to 162.70): E

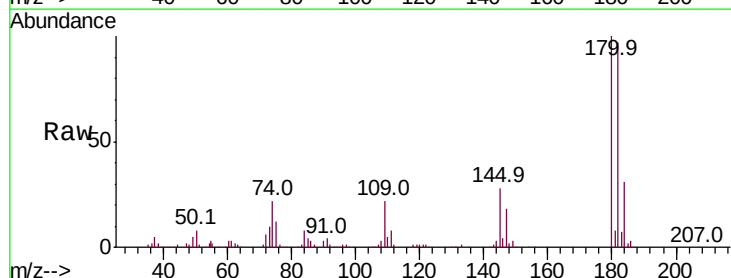
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.440 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.2	114.2
145	28.1	23.8	35.8

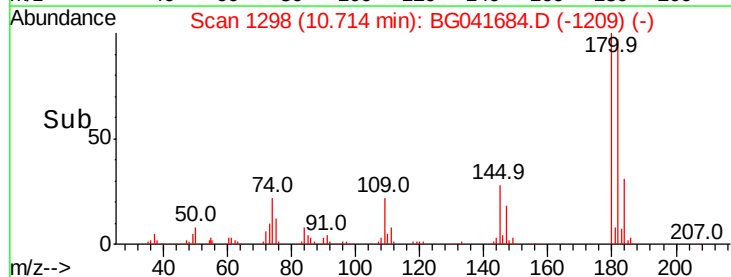
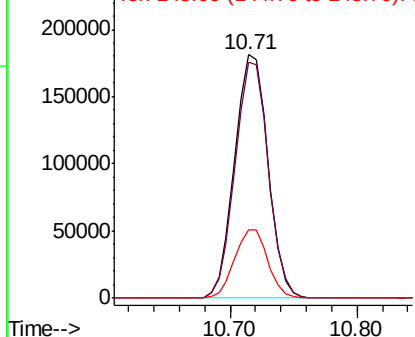


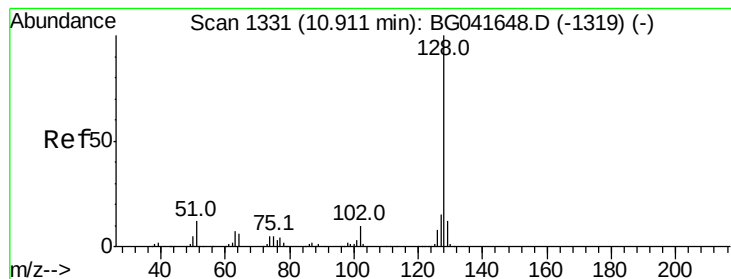
Abundance

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: 40.678 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

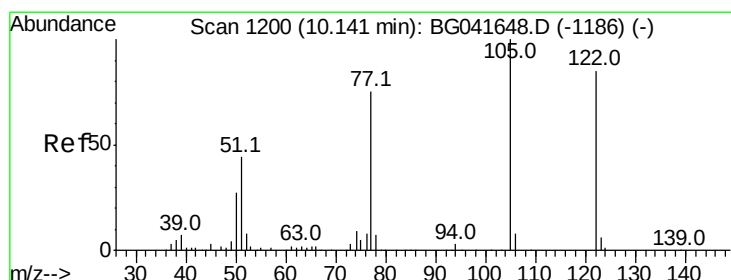
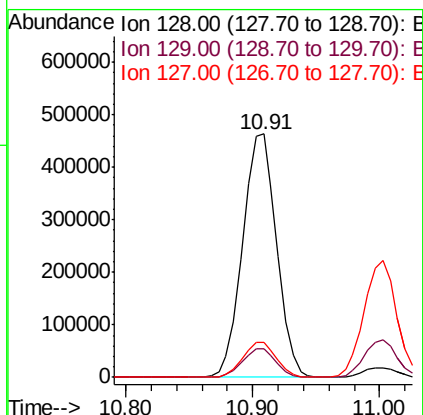
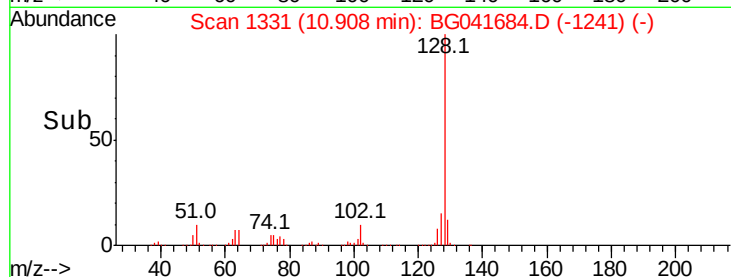
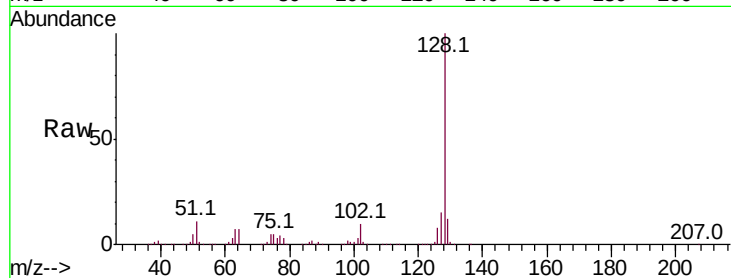
Tot Ion:128 Resp: 859193

Ion Ratio Lower Upper

128 100

129 11.6 10.0 15.0

127 14.5 12.3 18.5



#32

Benzoic acid

Concen: 40.410 ng

RT: 10.14 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

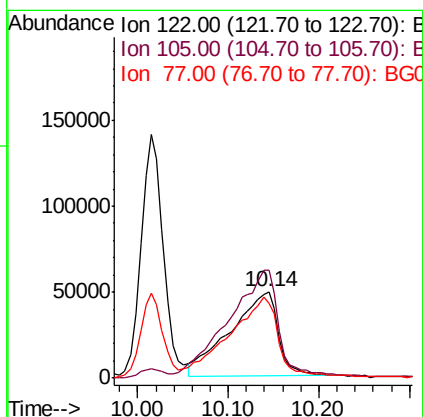
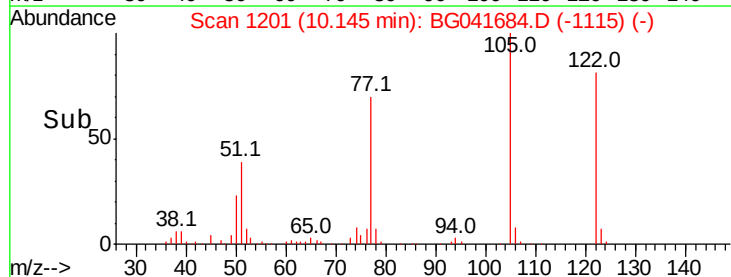
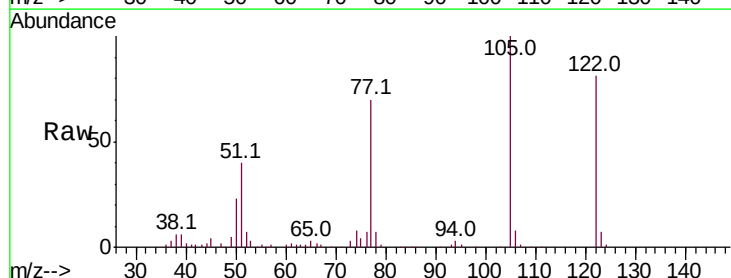
Tgt Ion:122 Resp: 182460

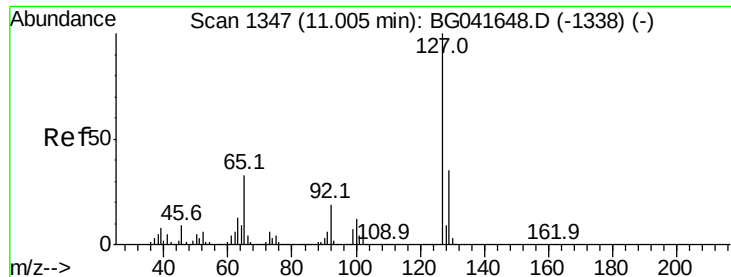
Ion Ratio Lower Upper

122 100

105 124.1 101.5 141.5

77 86.6 73.0 113.0

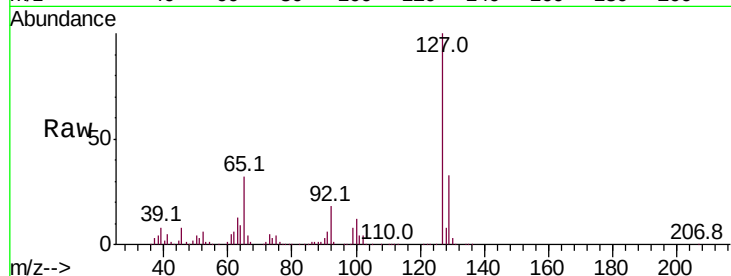




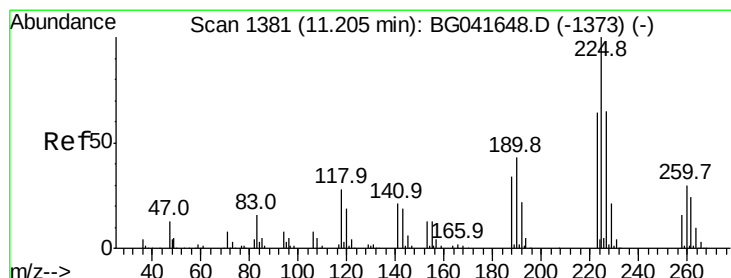
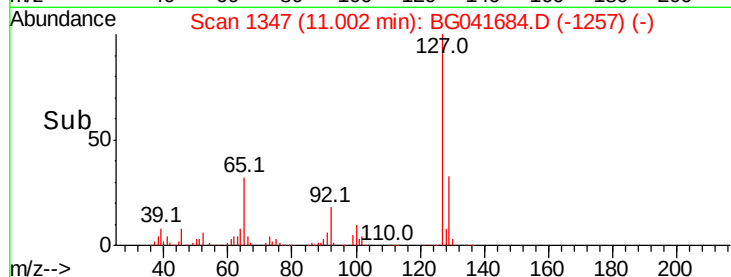
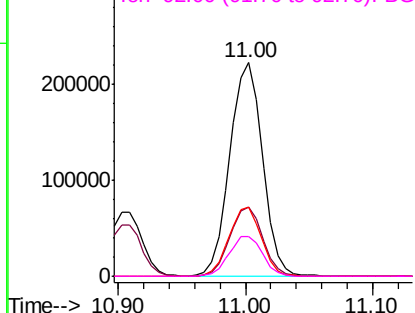
#33
4-Chloroaniline
Concen: 40.735 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 396875
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 32.5 26.7 40.1
92 18.4 15.4 23.0

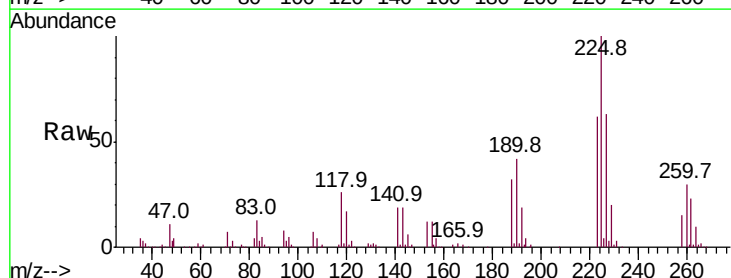


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

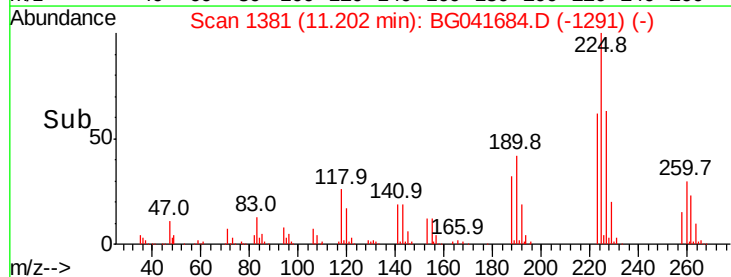
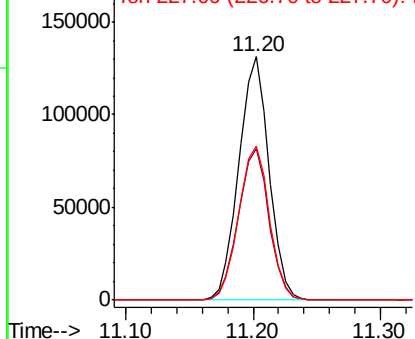


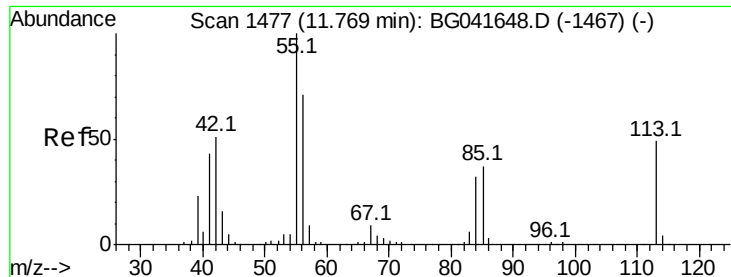
#34
Hexachlorobutadiene
Concen: 41.410 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion:225 Resp: 217770
Ion Ratio Lower Upper
225 100
223 62.4 51.1 76.7
227 63.3 50.9 76.3



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

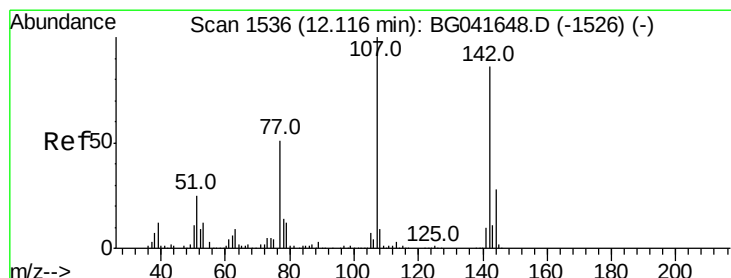
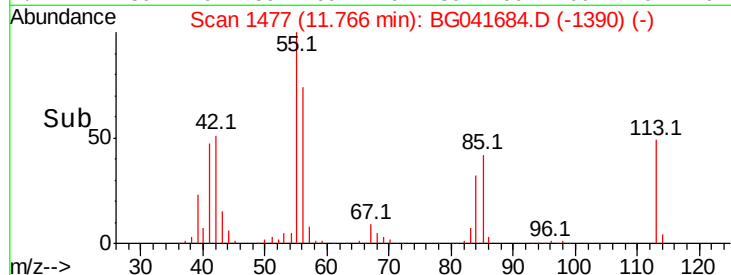
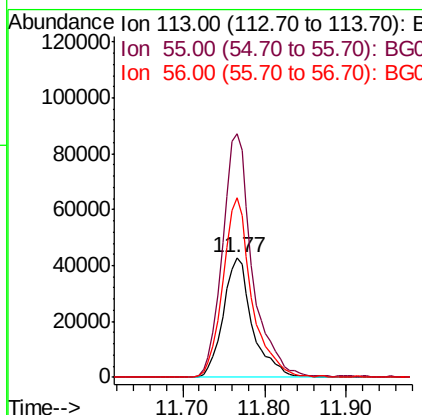
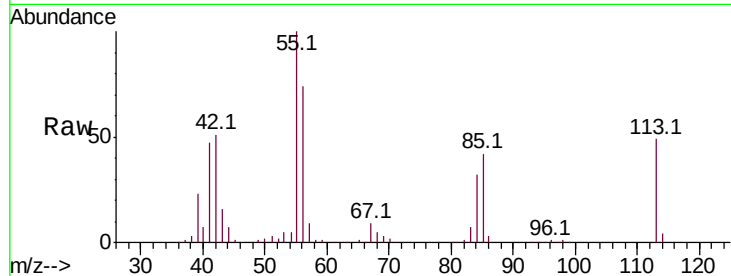




#35
 Caprolactam
 Concen: 41.461 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

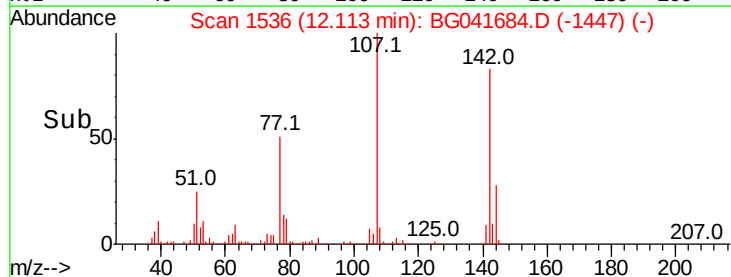
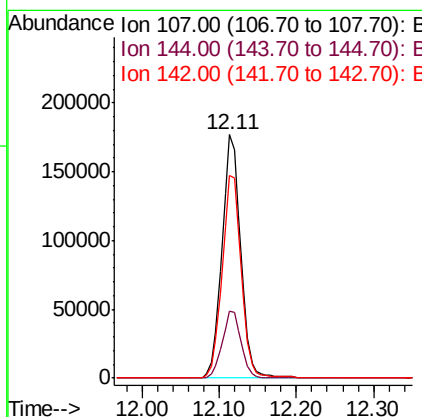
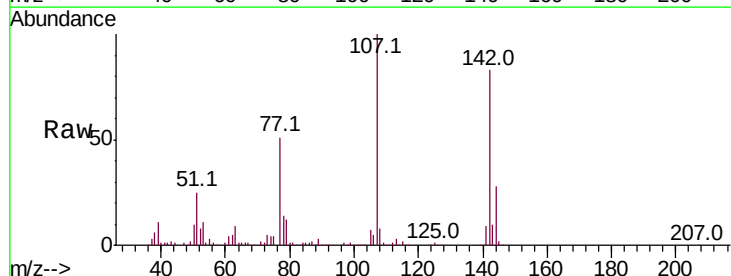
Instrument :
 BNA_G
 ClientSampled :

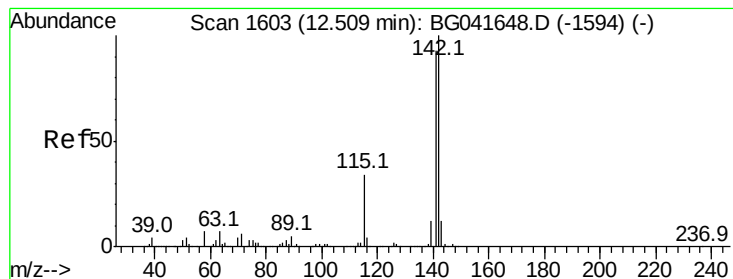
Tot Ion:113 Resp: 106196
 Ion Ratio Lower Upper
 113 100
 55 203.3 199.4 239.4
 56 150.0 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.045 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:107 Resp: 299641
 Ion Ratio Lower Upper
 107 100
 144 27.6 22.2 33.2
 142 83.4 67.3 100.9





#37

2-Methylnaphthalene

Concen: 41.193 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

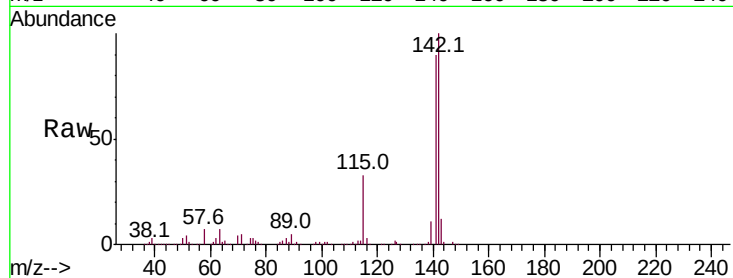
Tot Ion:142 Resp: 664735

Ion Ratio Lower Upper

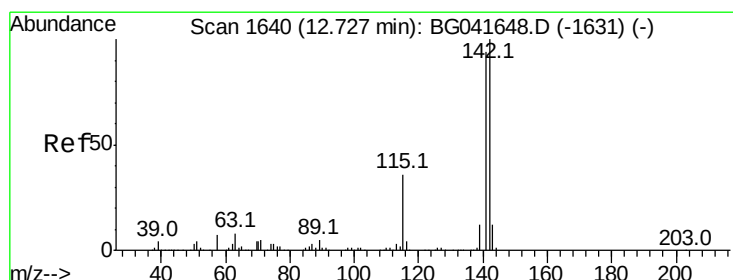
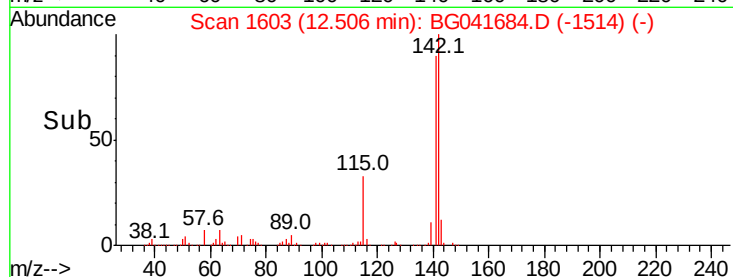
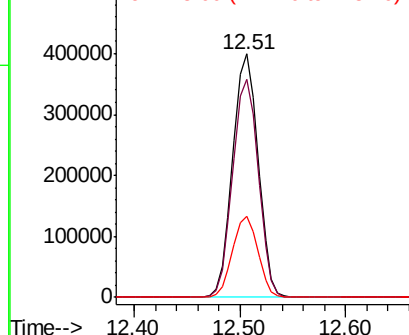
142 100

141 89.8 72.7 109.1

115 33.4 27.0 40.4



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



#38

1-Methylnaphthalene

Concen: 41.191 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

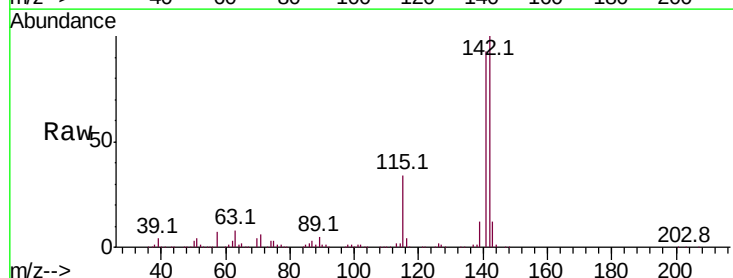
Tgt Ion:142 Resp: 633702

Ion Ratio Lower Upper

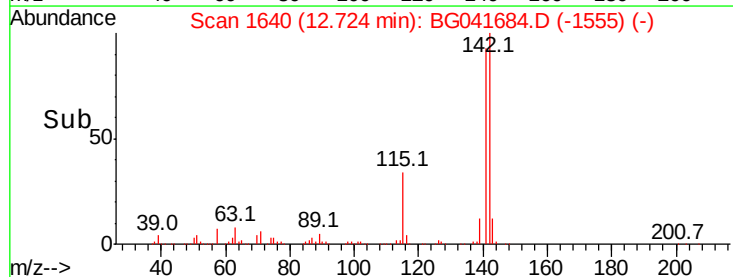
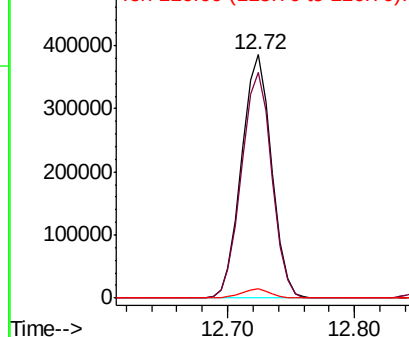
142 100

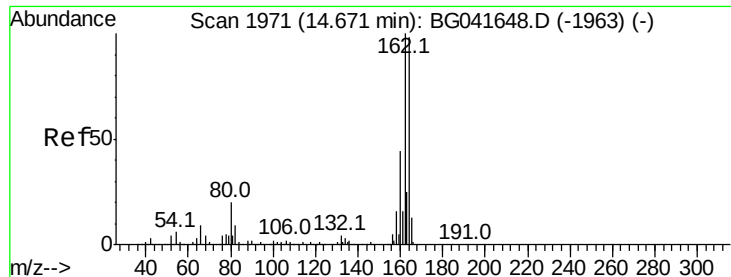
141 92.8 75.4 113.2

116 3.6 3.2 4.8



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

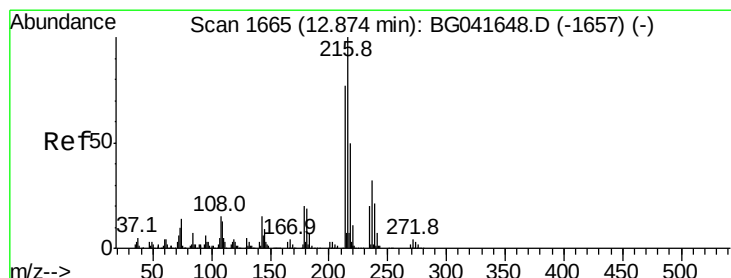
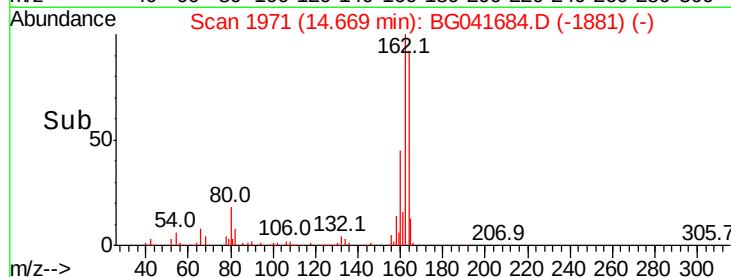
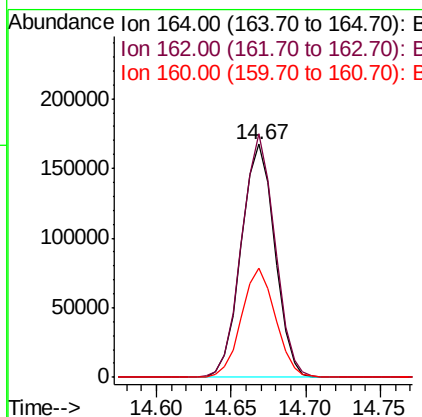
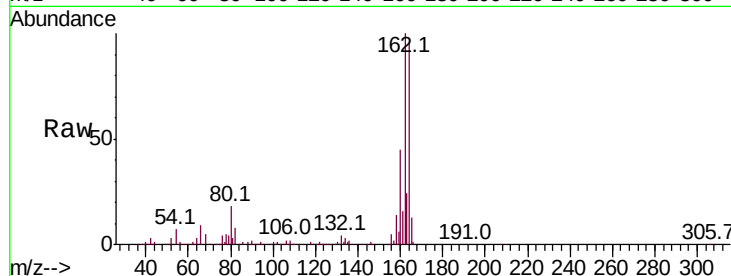




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

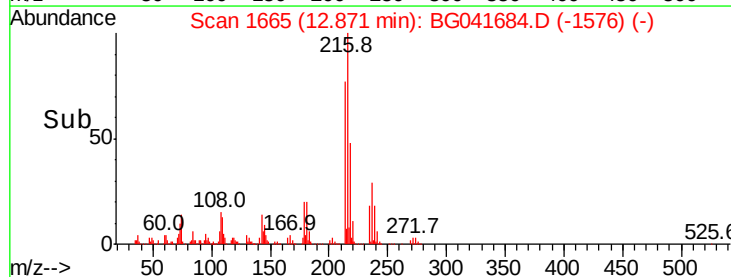
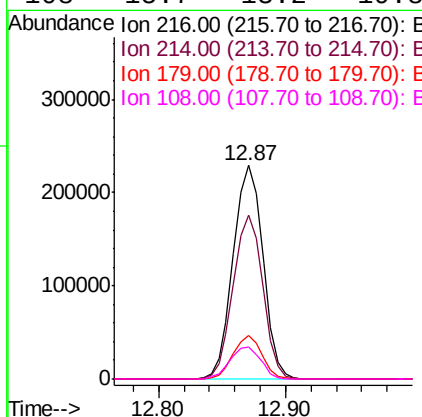
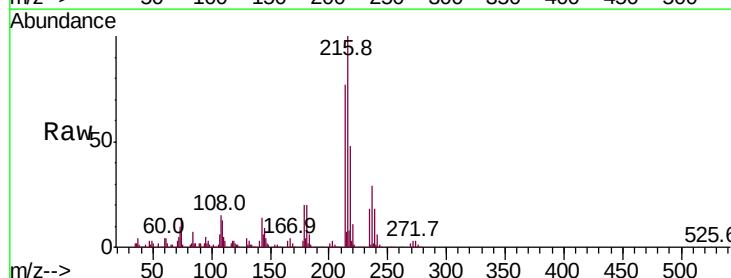
Instrument :
BNA_G
ClientSampleId :

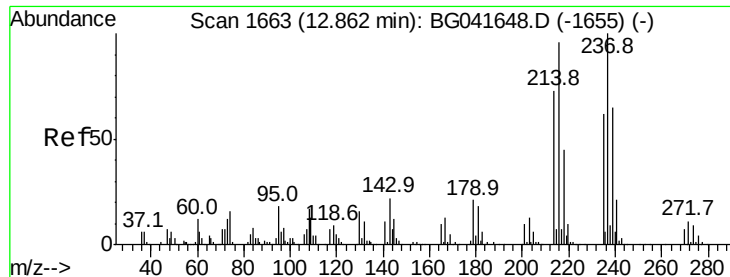
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	79.6	119.4
160	47.0	35.4	53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.756 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.0	61.5	92.3
179	19.6	16.2	24.2
108	15.7	13.2	19.8

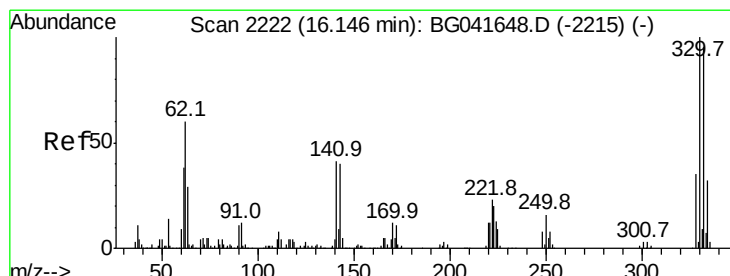
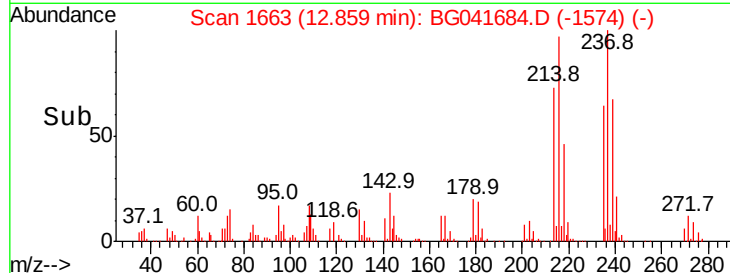
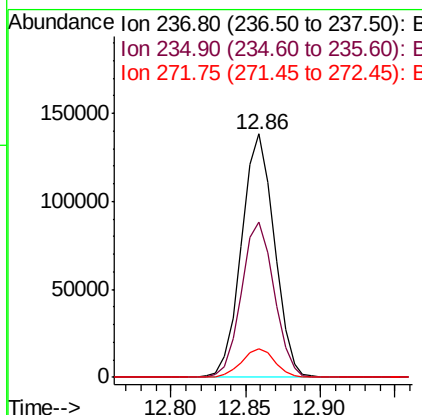
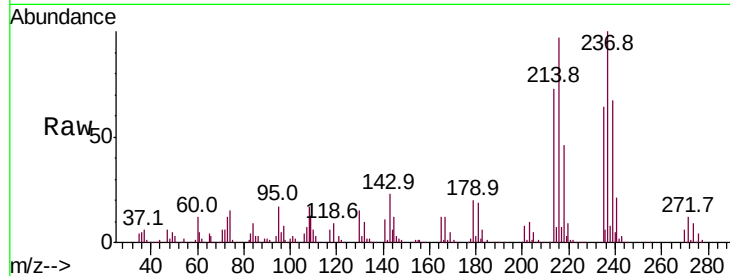




#41
 Hexachlorocyclopentadiene
 Concen: 41.716 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

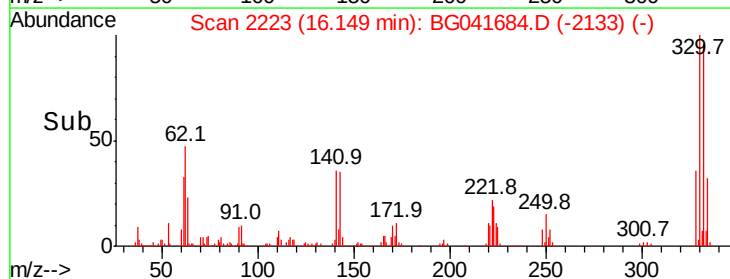
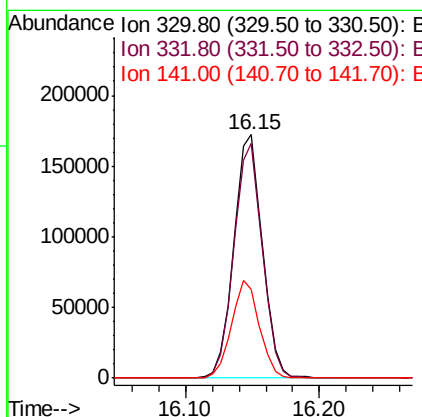
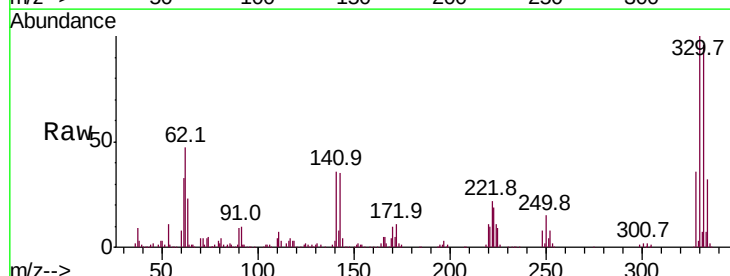
Instrument :
 BNA_G
 ClientSampleId :

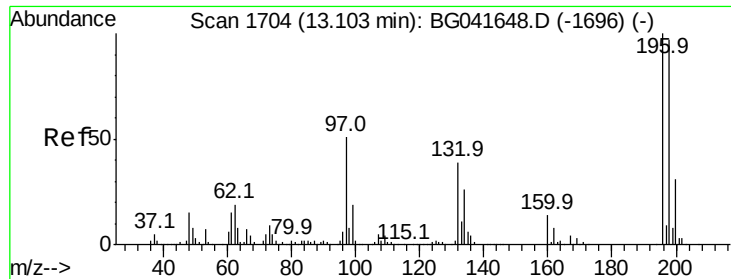
Tot Ion:	237	Resp:	210767
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.5	83.5
272	11.6	0.0	31.2



#42
 2,4,6-Tribromophenol
 Concen: 87.374 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:	330	Resp:	256756
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.0
141	39.2	31.9	47.9

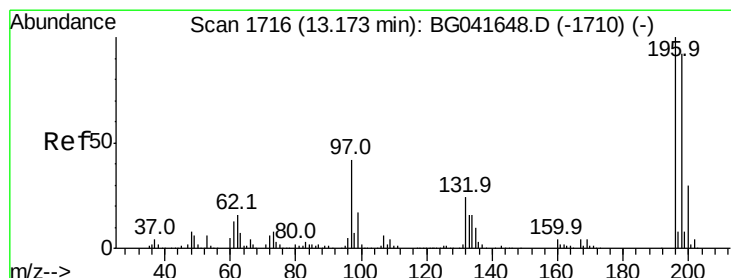
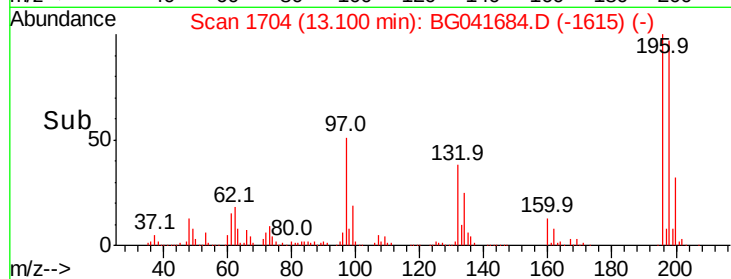
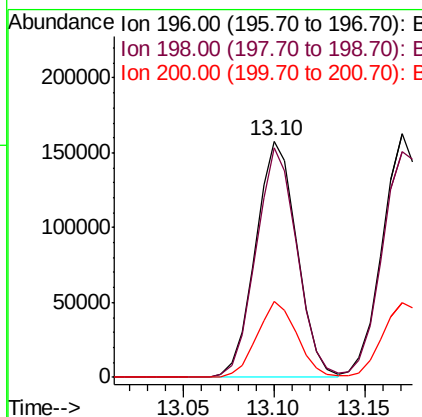
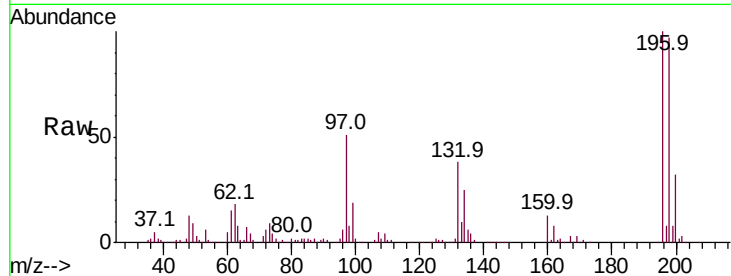




#43
 2,4,6-Trichlorophenol
 Concen: 43.096 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

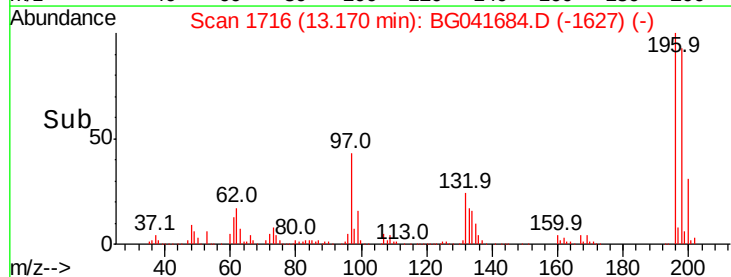
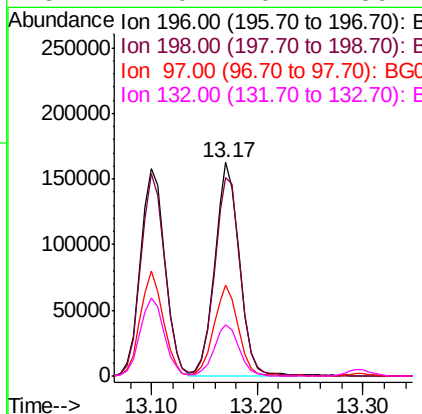
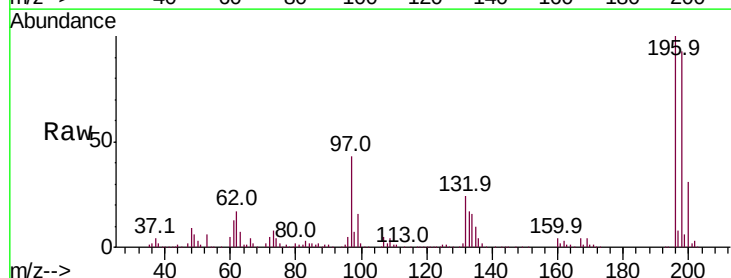
Instrument :
 BNA_G
 ClientSampleID :

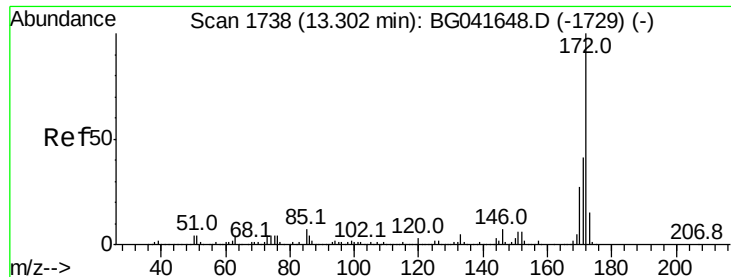
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.6	119.4
200	32.1	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.036 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	80.6	121.0
97	42.6	33.9	50.9
132	24.0	20.2	30.2

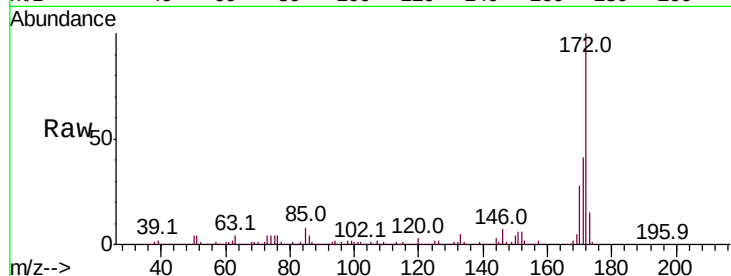




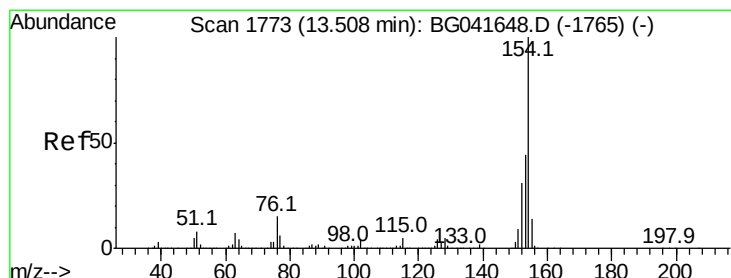
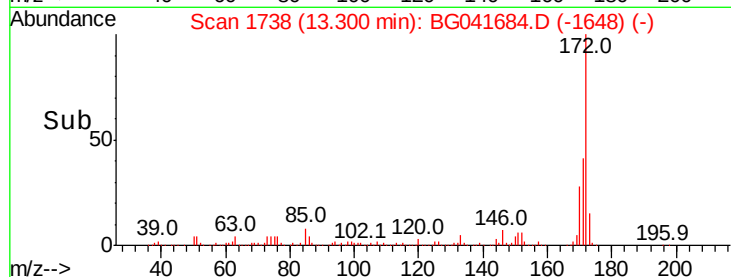
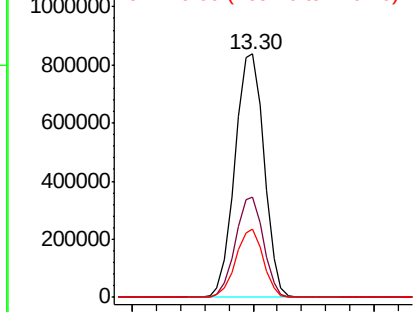
#45
2-Fluorobiphenyl
Concen: 83.932 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1413309
Ion Ratio Lower Upper
172 100
171 41.3 35.0 52.4
170 27.8 23.5 35.3

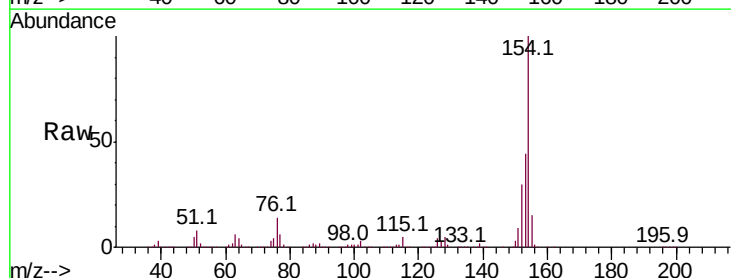


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

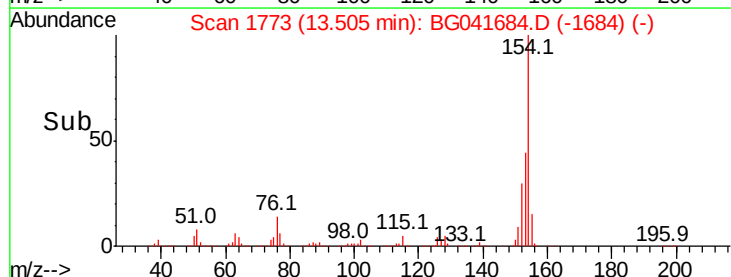
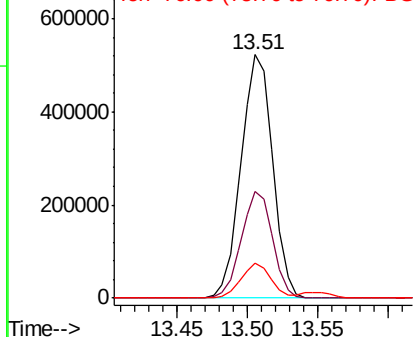


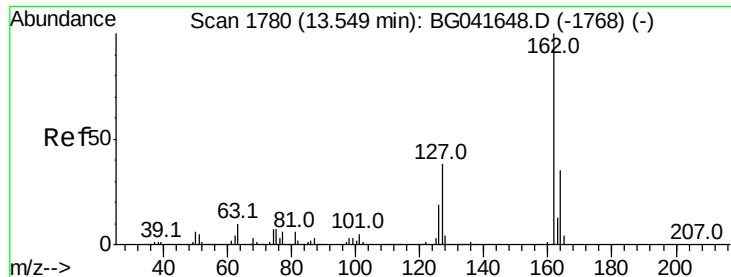
#46
1,1'-Biphenyl
Concen: 41.892 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion:154 Resp: 818351
Ion Ratio Lower Upper
154 100
153 43.6 25.0 65.0
76 14.2 0.0 34.5



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





#47

2-Chloronaphthalene

Concen: 41.800 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.01 min

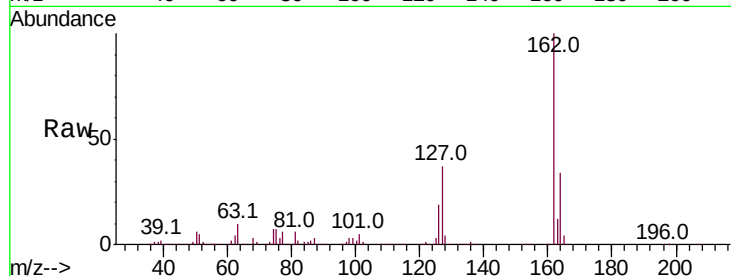
Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 680532

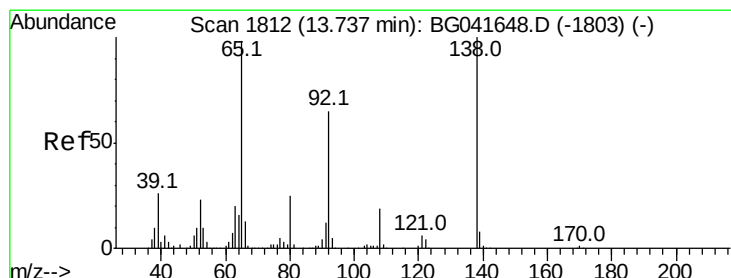
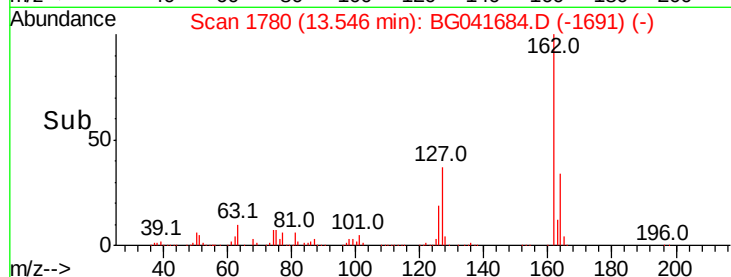
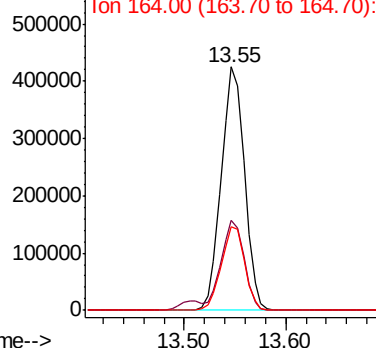
Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.4	45.6
164	34.4	28.6	42.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.062 ng

RT: 13.73 min Scan# 1812

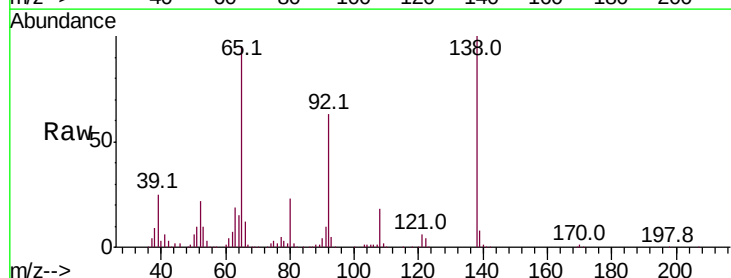
Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion: 65 Resp: 213603

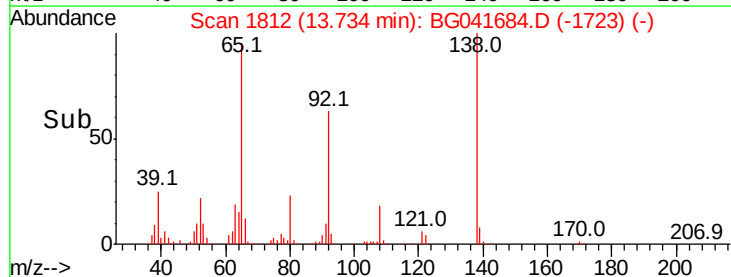
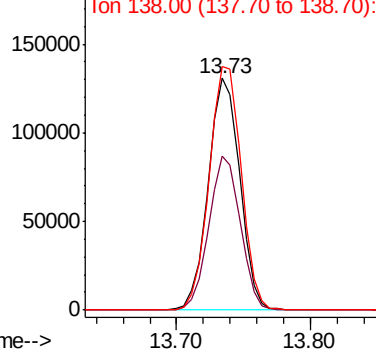
Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.9	80.9
138	105.2	83.5	125.3

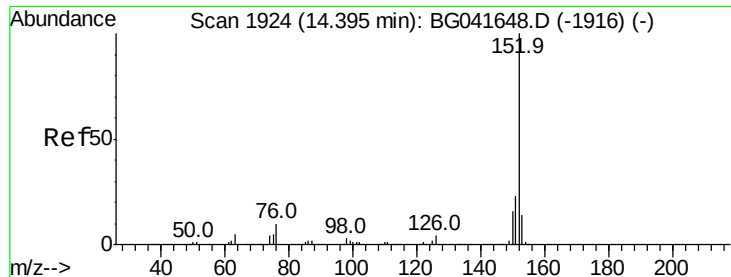


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.743 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

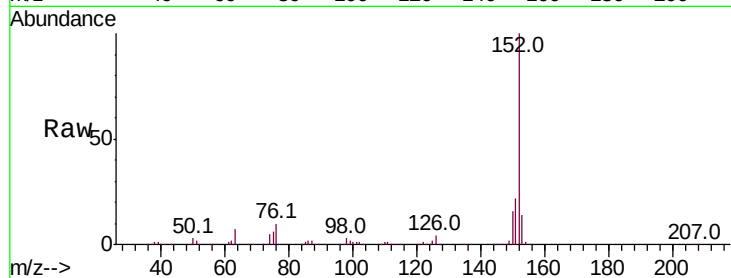
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1060933

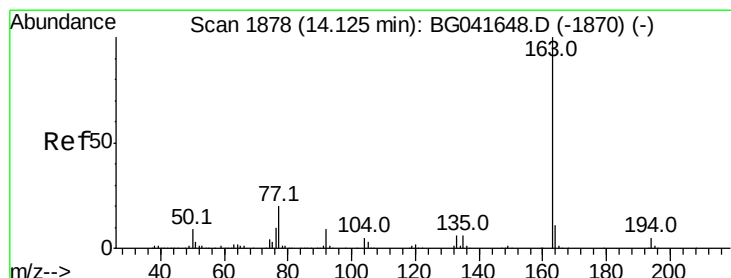
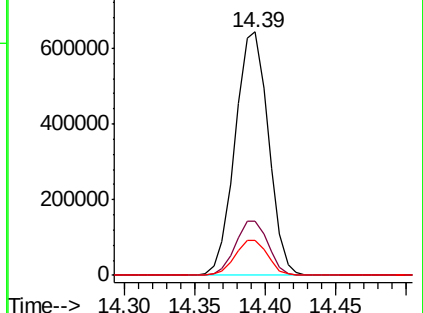
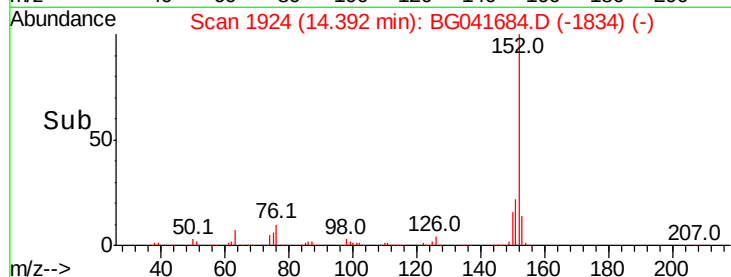
Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.7	28.1
153	14.4	12.4	18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.104 ng

RT: 14.12 min Scan# 1878

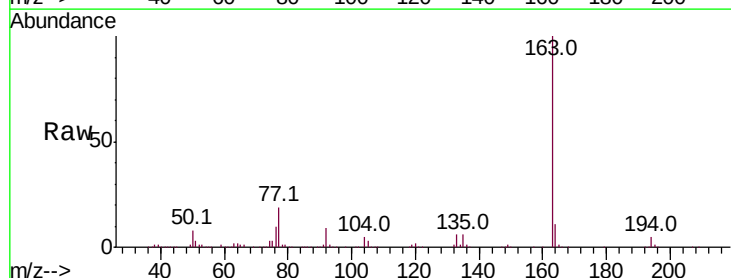
Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:163 Resp: 862240

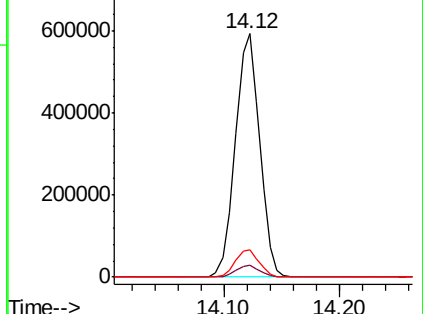
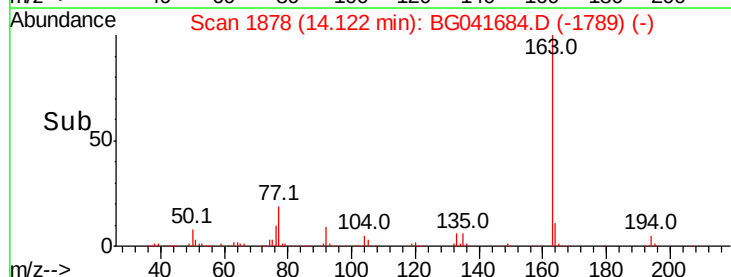
Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	11.2	9.4	14.2

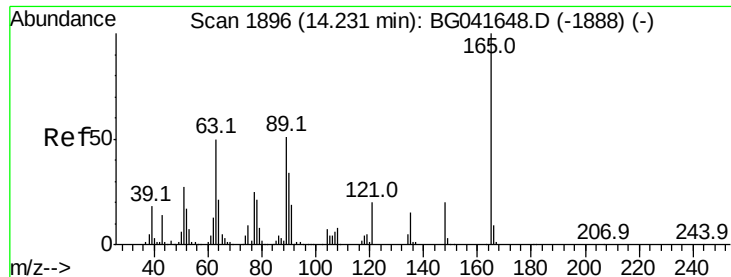


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

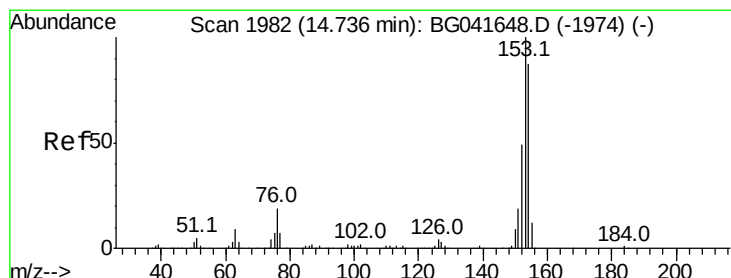
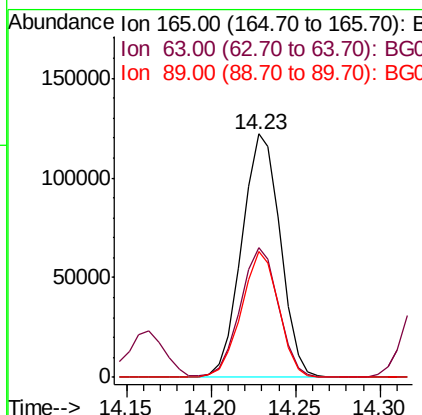
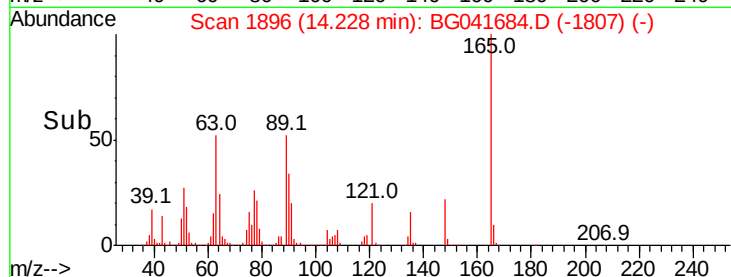
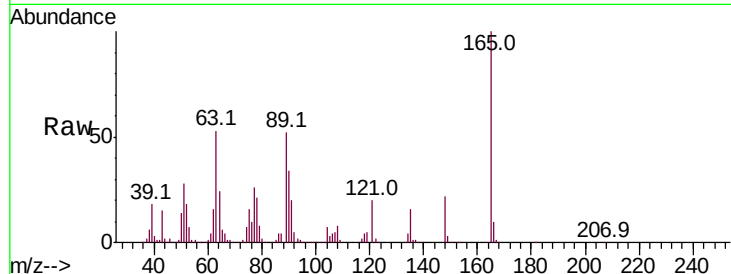




#51
2,6-Dinitrotoluene
Concen: 44.454 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

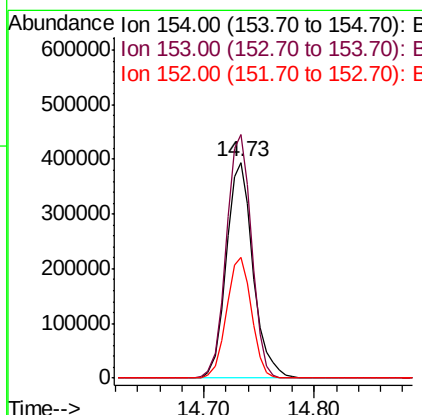
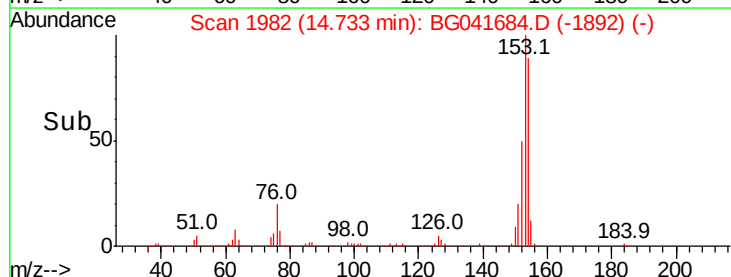
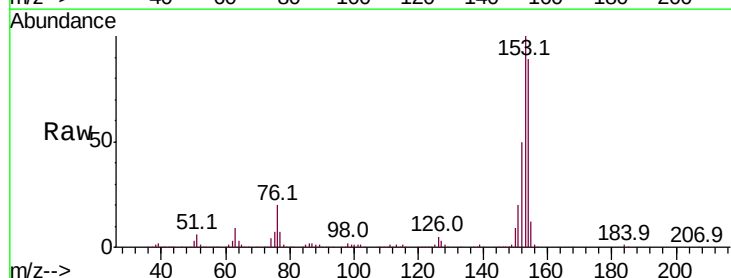
Instrument :
BNA_G
ClientSampleId :

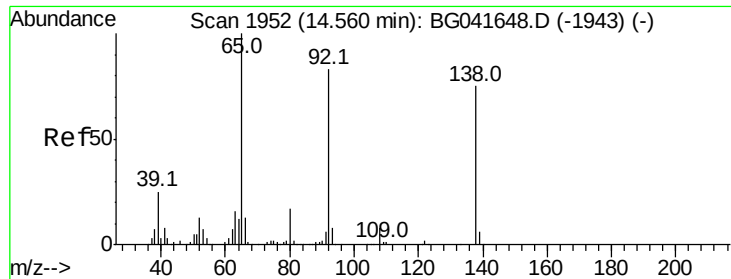
Tot Ion:165 Resp: 193101
Ion Ratio Lower Upper
165 100
63 53.1 42.4 63.6
89 51.6 42.1 63.1



#52
Acenaphthene
Concen: 41.711 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion:154 Resp: 668075
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 56.0 44.9 67.3

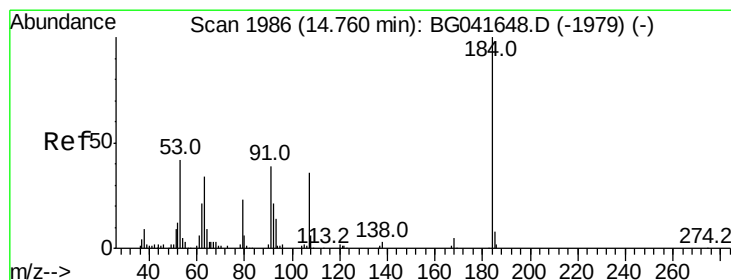
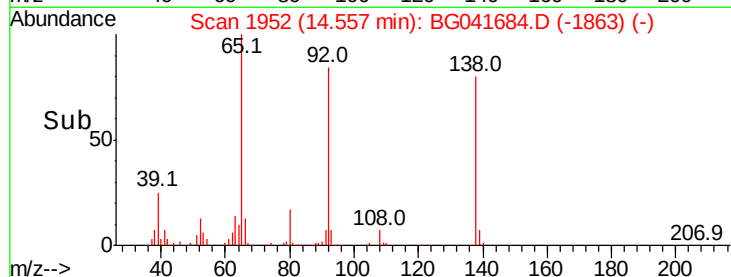
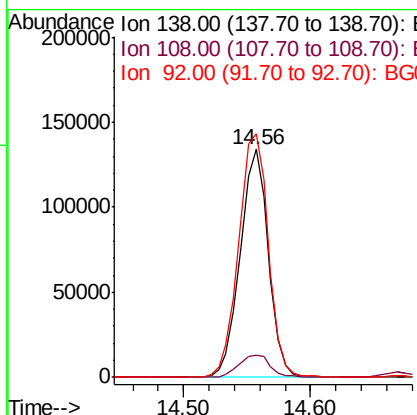
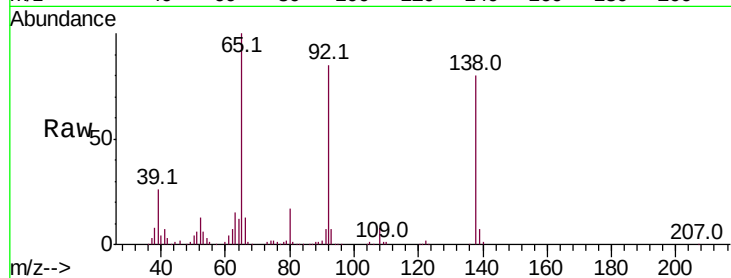




#53
 3-Nitroaniline
 Concen: 43.426 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

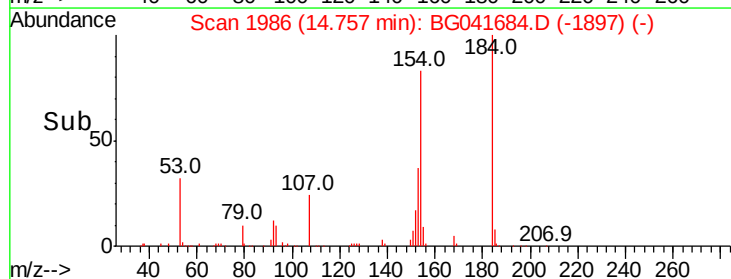
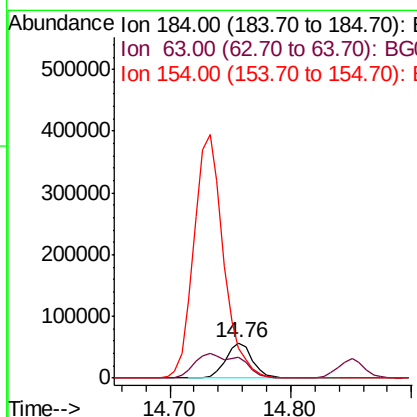
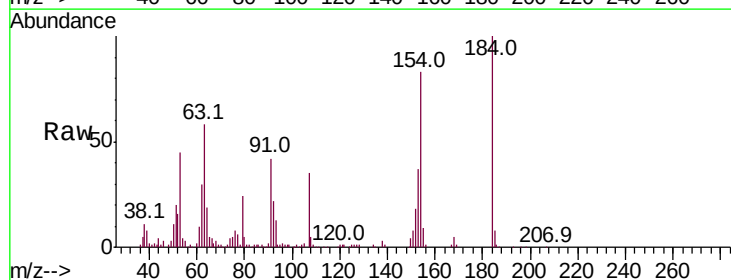
Instrument :
 BNA_G
 ClientSampleId :

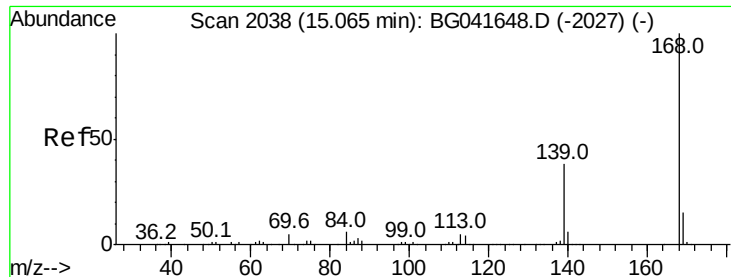
Tot Ion:138 Resp: 205918
 Ion Ratio Lower Upper
 138 100
 108 9.5 10.3 15.5#
 92 106.8 93.0 139.4



#54
 2,4-Dinitrophenol
 Concen: 43.793 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:184 Resp: 87639
 Ion Ratio Lower Upper
 184 100
 63 57.7 43.2 64.8
 154 82.7 51.4 77.2#



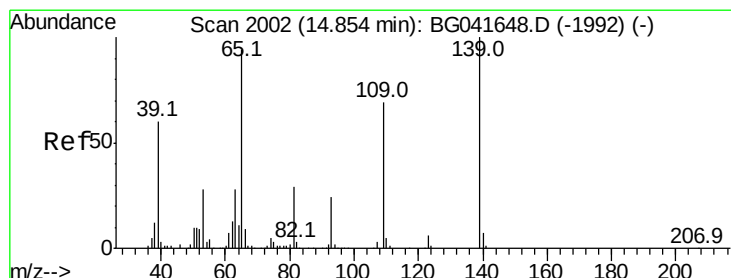
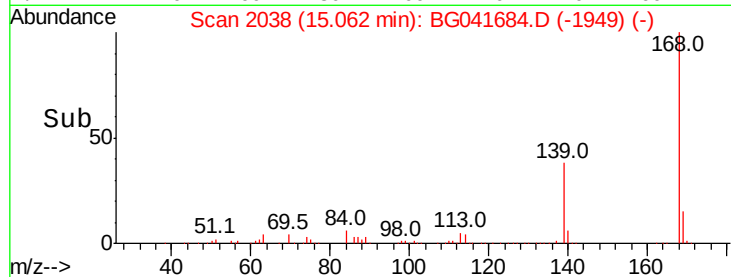
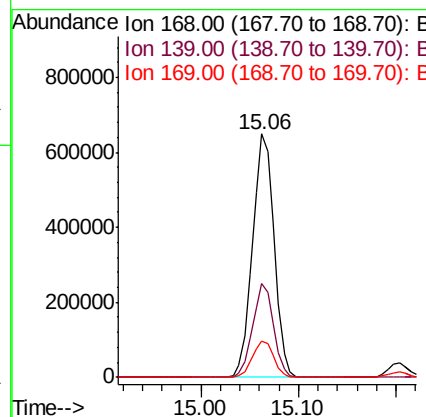
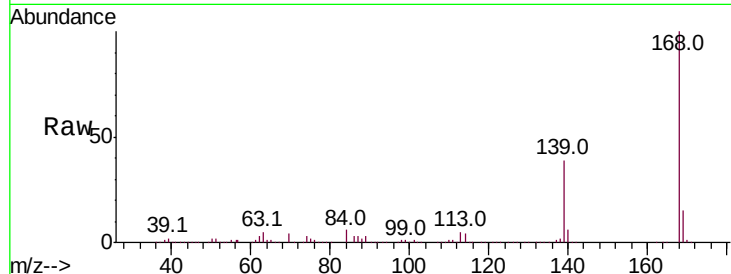


#55
Dibenzenofuran
Concen: 41.957 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1008408

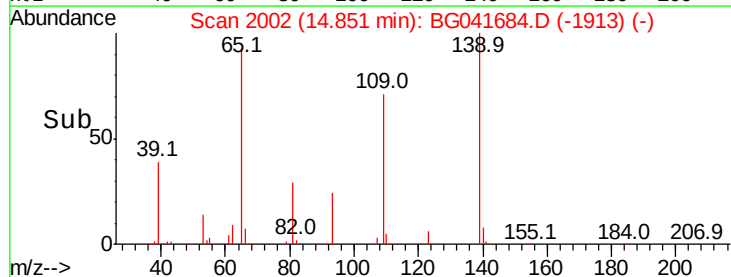
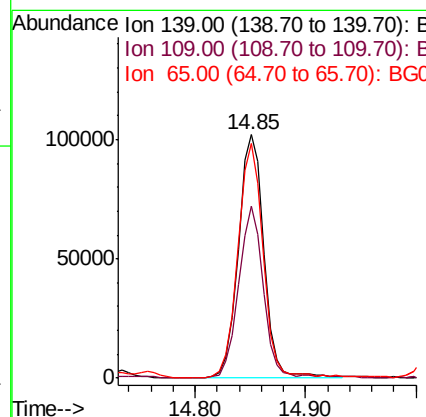
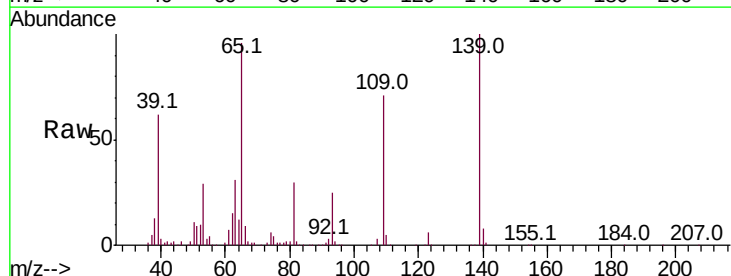
Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.9	47.9
169	14.8	12.5	18.7

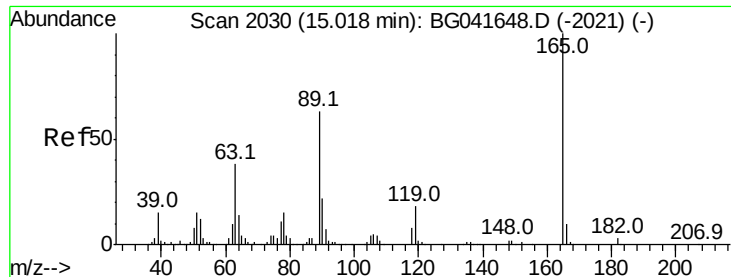


#56
4-Nitrophenol
Concen: 43.051 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion:139 Resp: 165276

Ion	Ratio	Lower	Upper
139	100		
109	70.6	51.3	91.3
65	96.4	77.6	117.6

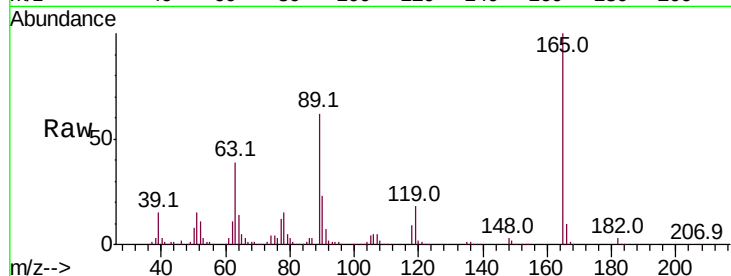




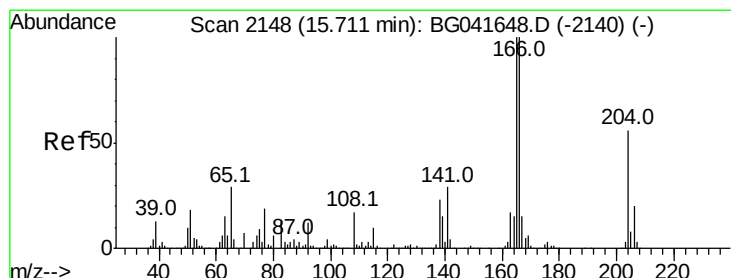
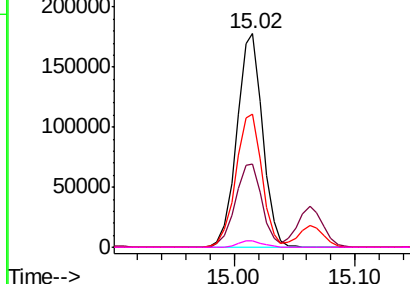
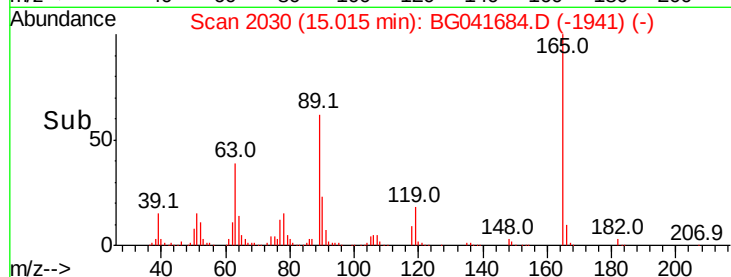
#57
 2,4-Dinitrotoluene
 Concen: 45.842 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 263224
 Ion Ratio Lower Upper
 165 100
 63 38.8 31.7 47.5
 89 62.4 50.2 75.4
 182 3.1 2.6 4.0

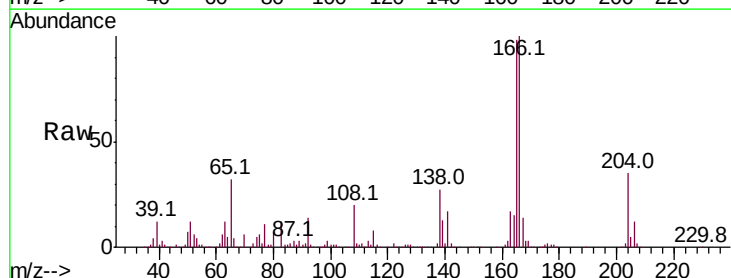


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

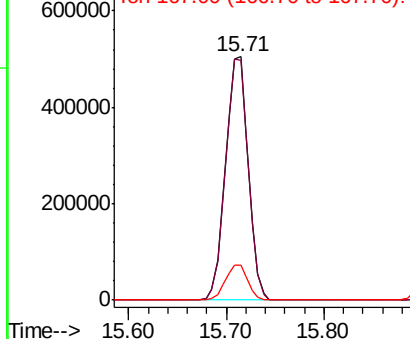
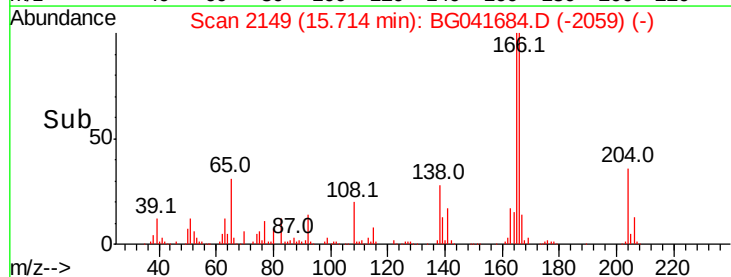


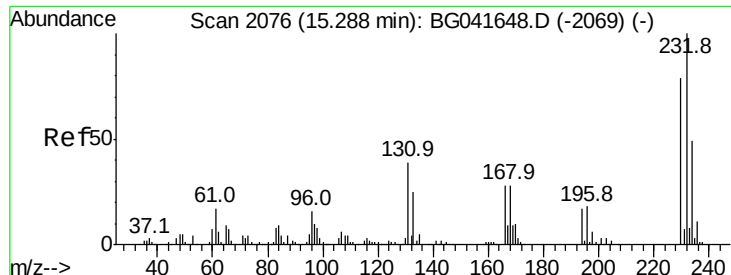
#58
 Fluorene
 Concen: 41.384 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:166 Resp: 809314
 Ion Ratio Lower Upper
 166 100
 165 98.4 80.5 120.7
 167 14.3 12.4 18.6



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

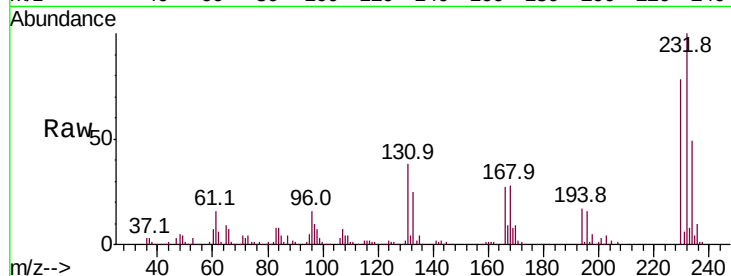




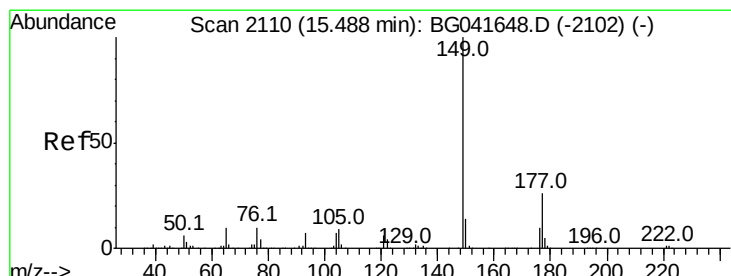
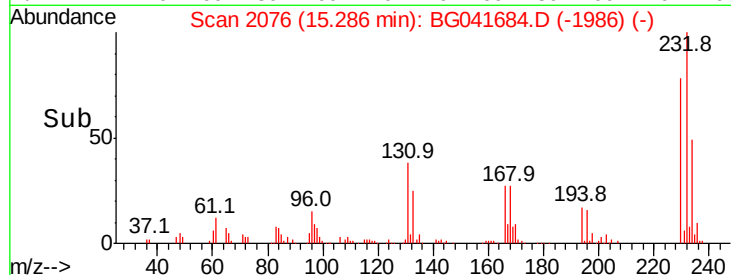
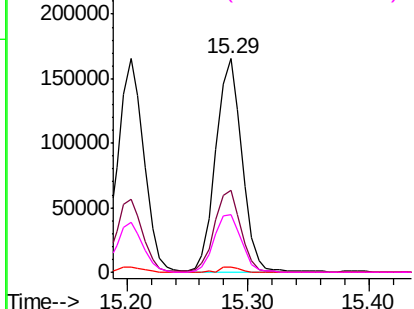
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.744 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	246931
Ion	Ratio	Lower	Upper
232	100		
131	38.2	31.8	47.6
130	2.0	1.8	2.8
166	28.0	23.5	35.3

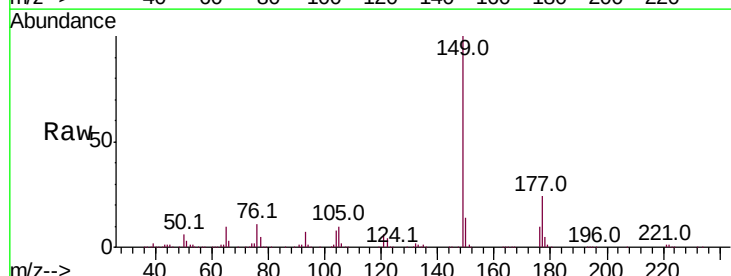


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

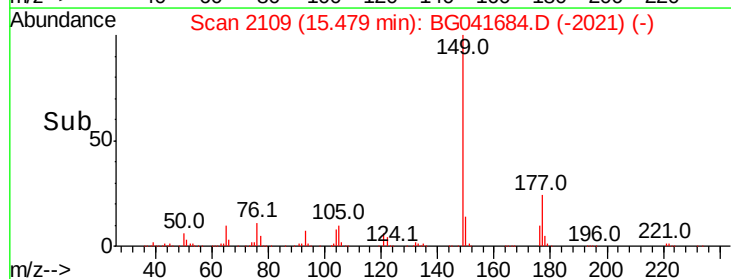
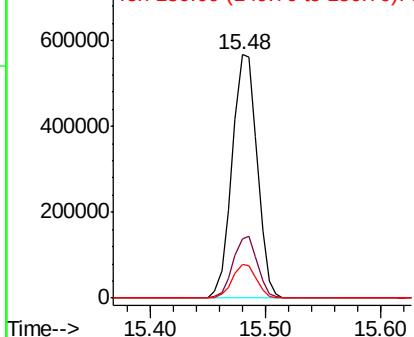


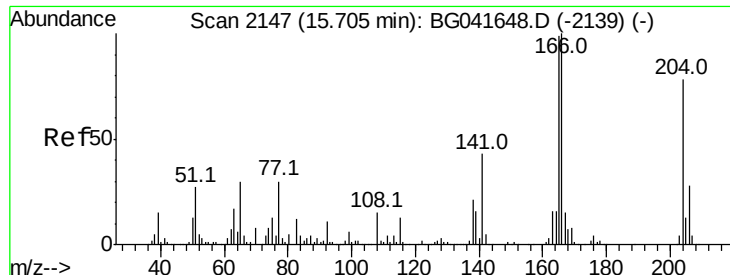
#60
 Diethylphthalate
 Concen: 41.283 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:	149	Resp:	851712
Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.7	31.1
150	14.1	11.5	17.3



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

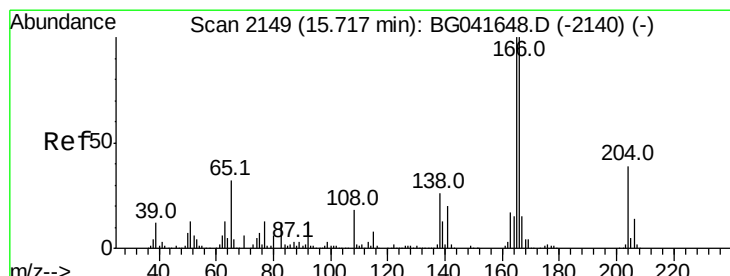
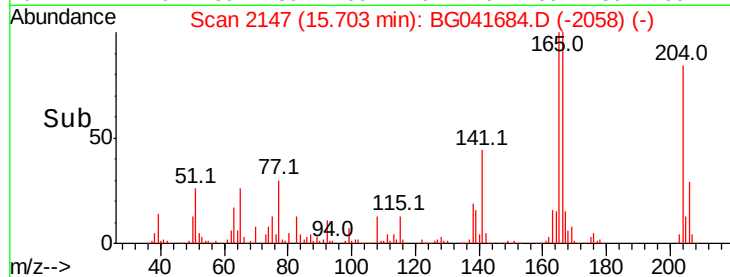
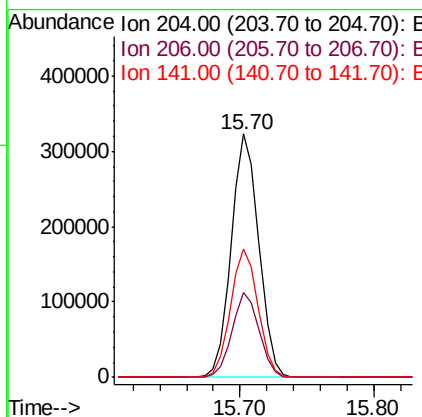
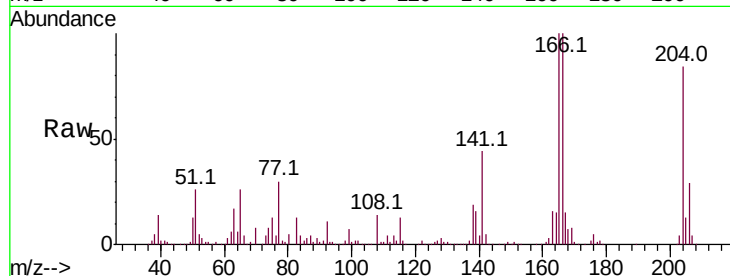




#61
 4-Chlorophenyl-phenylether
 Concen: 41.943 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

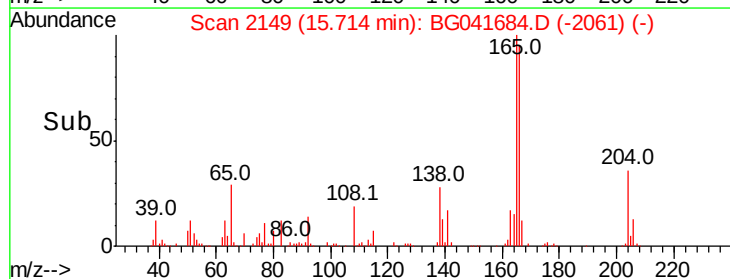
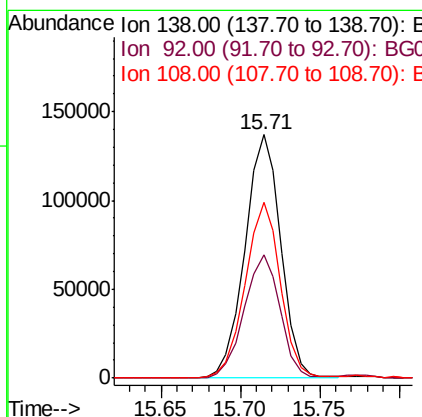
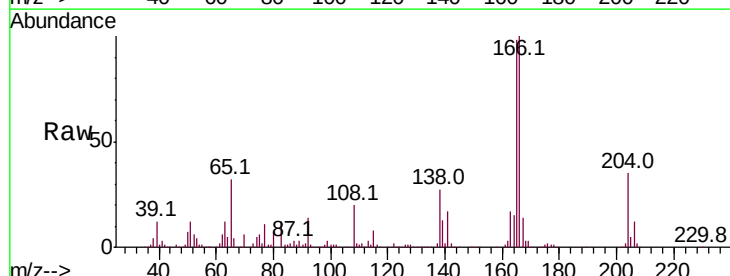
Instrument :
 BNA_G
 ClientSampled :

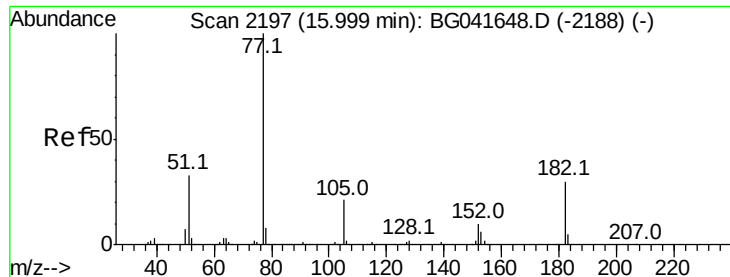
Tot Ion:	204	Resp:	463669
Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.6	42.8
141	52.5	42.9	64.3



#62
 4-Nitroaniline
 Concen: 42.837 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:	138	Resp:	215430
Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.8	69.8
108	72.4	52.2	92.2





#63

Azobenzene

Concen: 40.801 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 761020

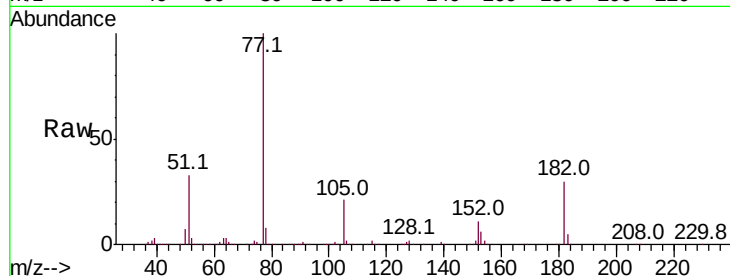
Ion Ratio Lower Upper

77 100

182 30.3 13.2 53.2

105 21.2 2.2 42.2

51 33.2 14.6 54.6

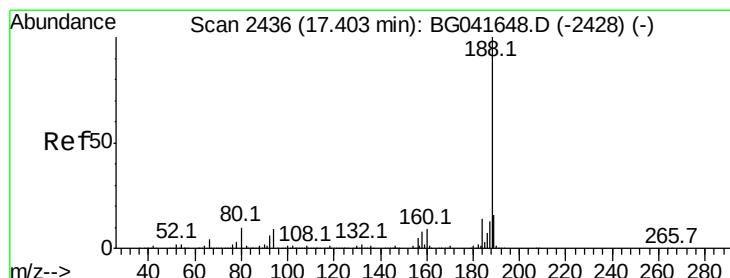
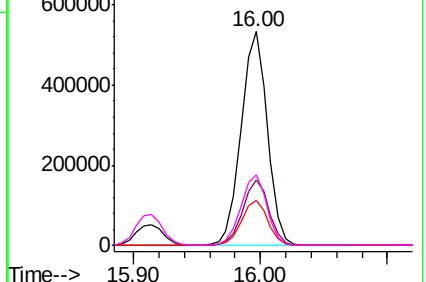
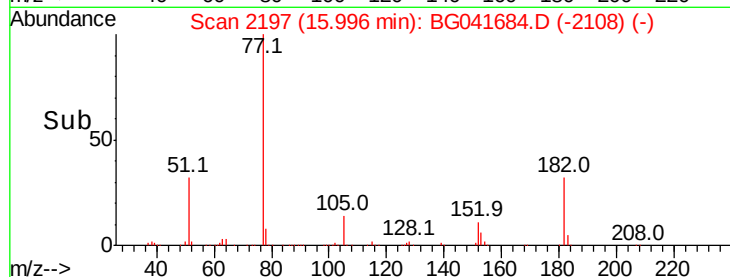


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

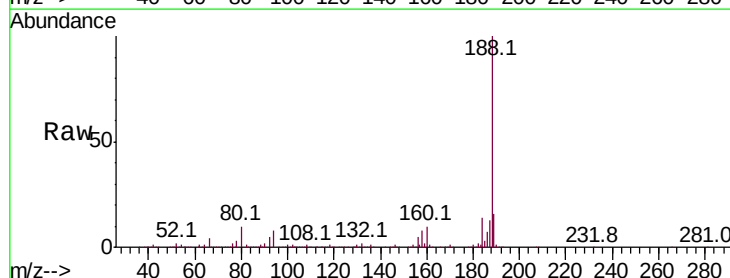
Tgt Ion: 188 Resp: 612104

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

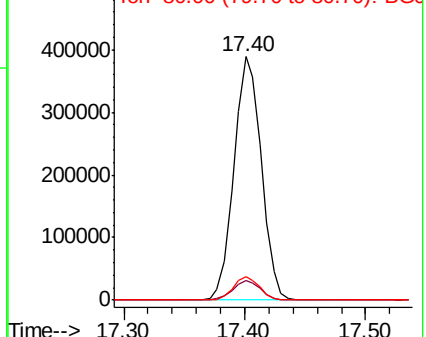
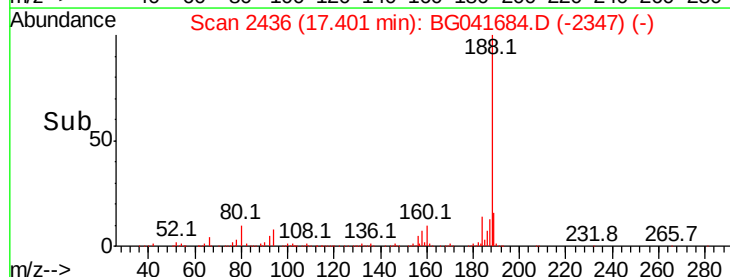
80 9.7 8.0 12.0

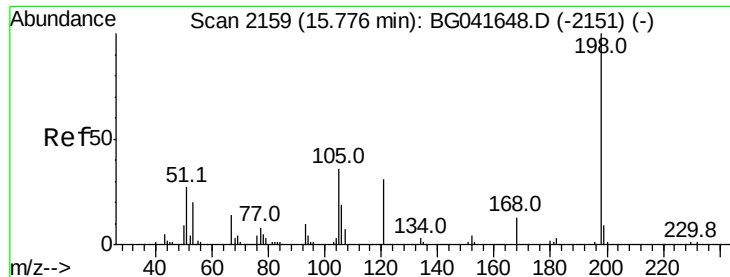


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

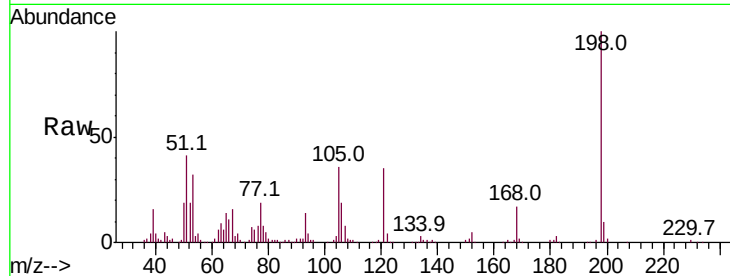




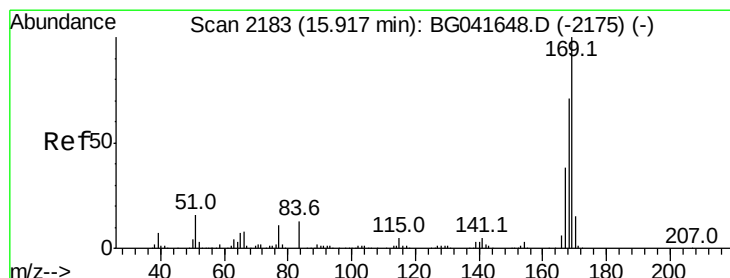
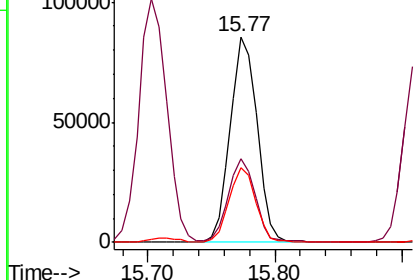
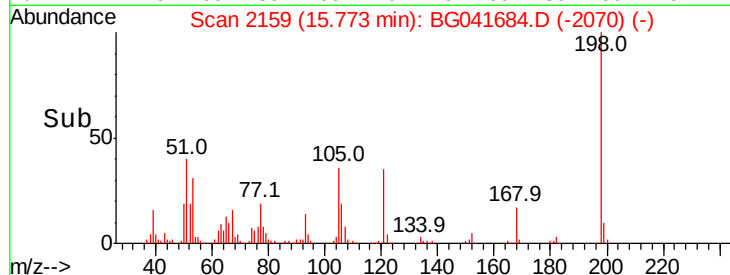
#65
4,6-Dinitro-2-methylphenol
Concen: 43.962 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.6	22.3	62.3
105	36.5	18.0	58.0

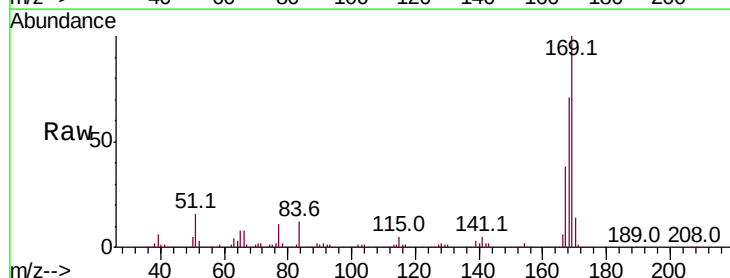


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

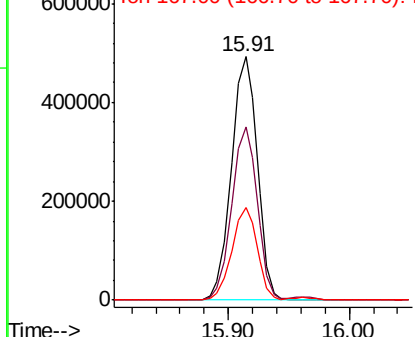
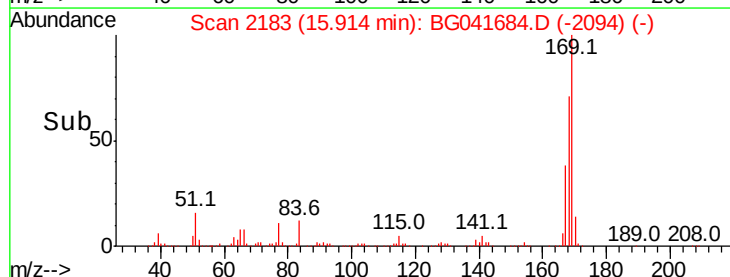


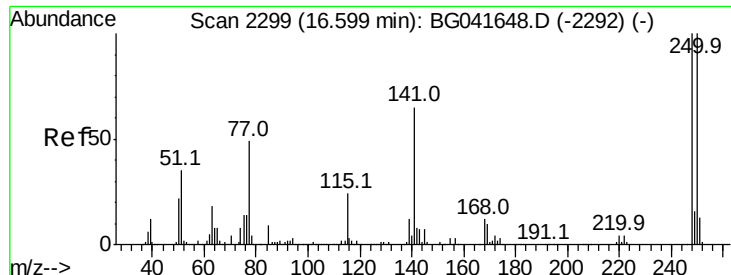
#66
n-Nitrosodiphenylamine
Concen: 40.979 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	56.9	85.3
167	37.9	31.5	47.3



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

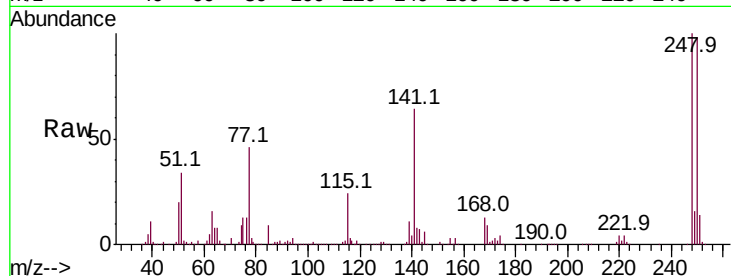




#67
 4-Bromophenyl-phenylether
 Concen: 41.541 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.1	117.1
141	63.6	49.6	74.4

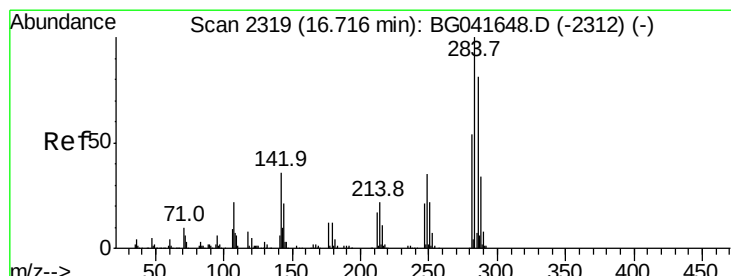
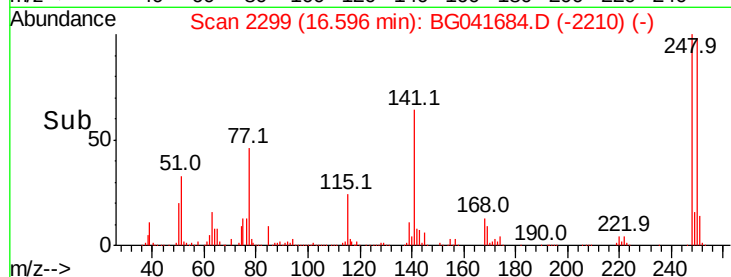
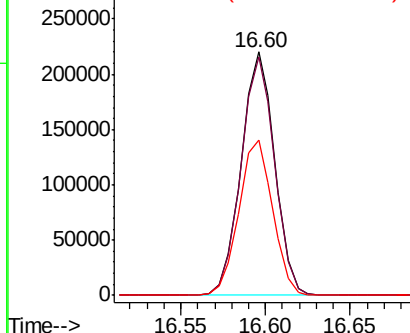


Abundance

Ion 248.00 (247.70 to 248.70): E

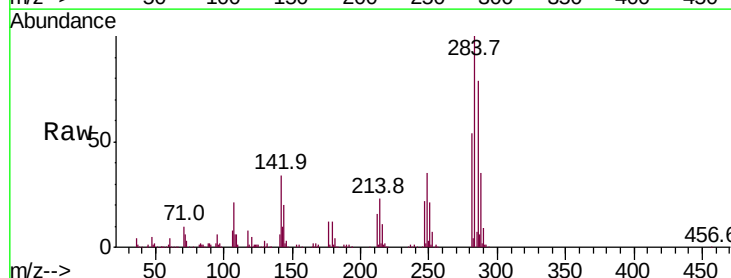
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.559 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.0	40.6
249	34.7	28.4	42.6

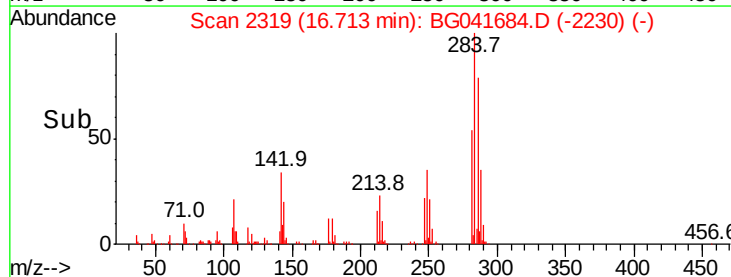
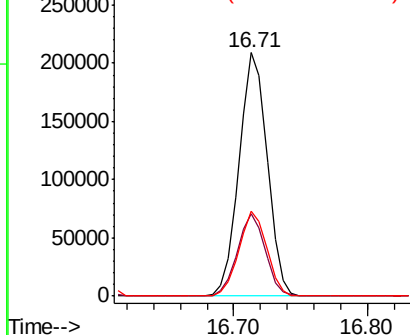


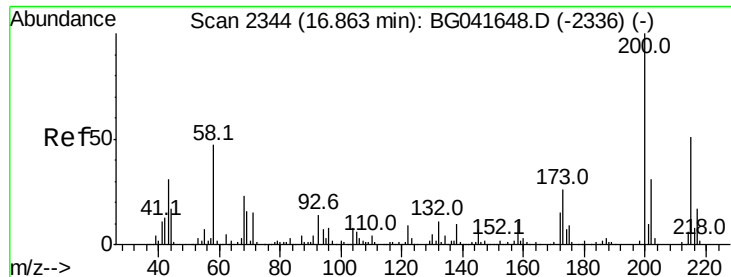
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

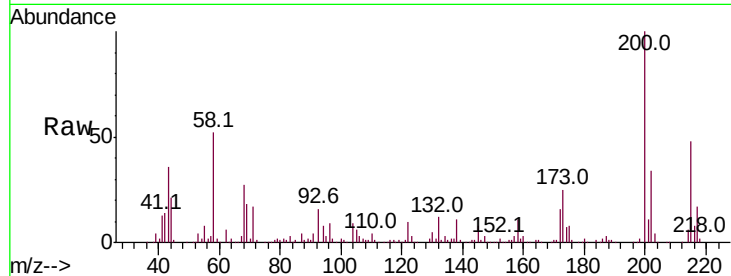




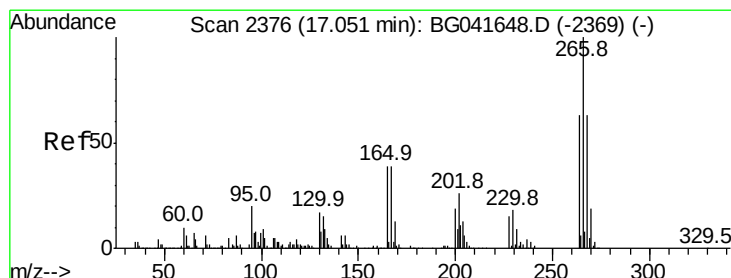
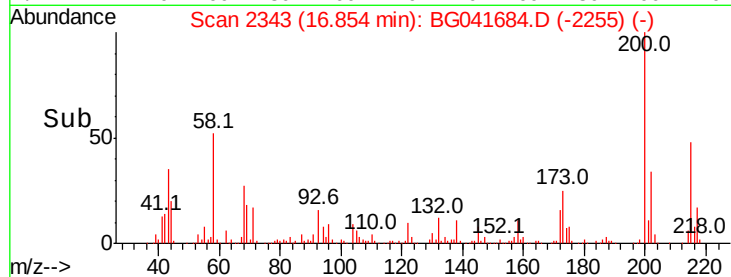
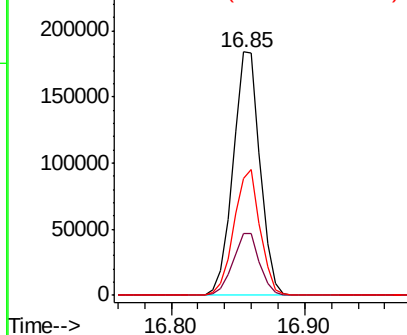
#69
 Atrazine
 Concen: 39.427 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 257188
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.3 45.3
 215 47.8 31.8 71.8

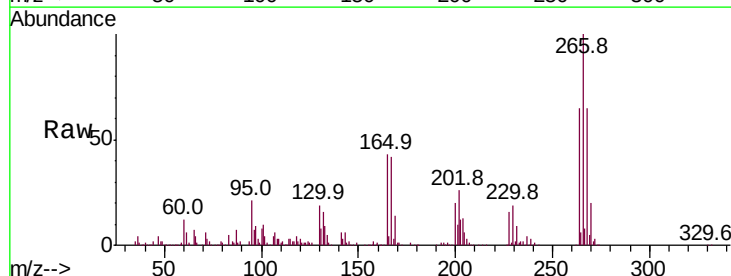


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

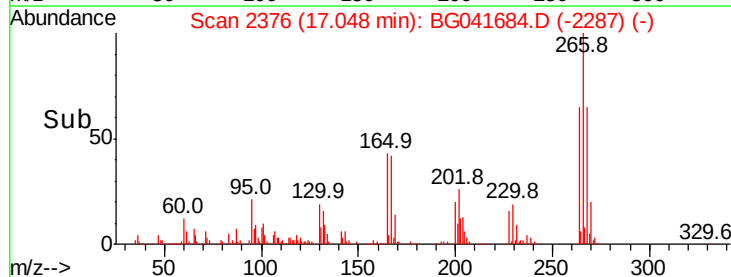
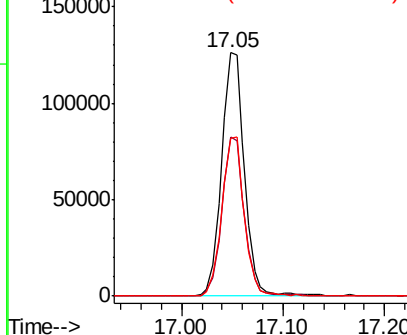


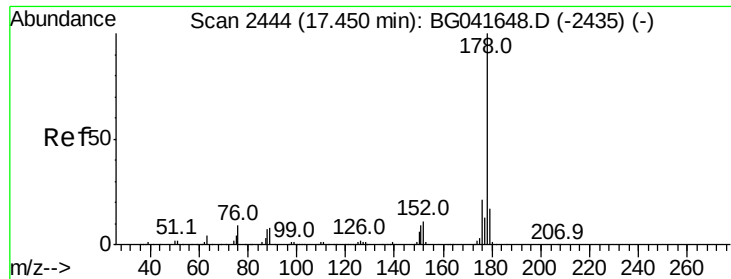
#70
 Pentachlorophenol
 Concen: 42.988 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:266 Resp: 197132
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.9 79.3
 264 64.6 51.4 77.2



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: 41.425 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

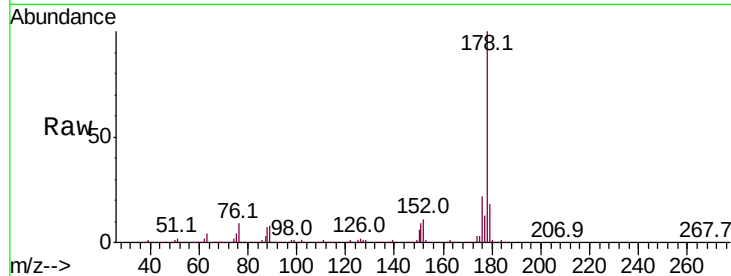
Tot Ion:178 Resp: 1276951

Ion Ratio Lower Upper

178 100

176 21.9 18.6 28.0

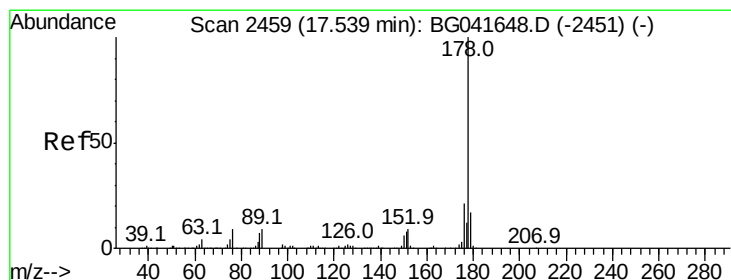
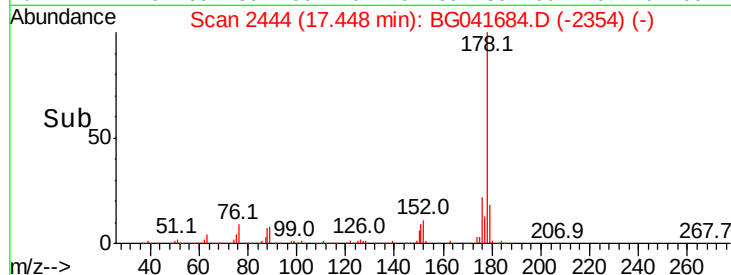
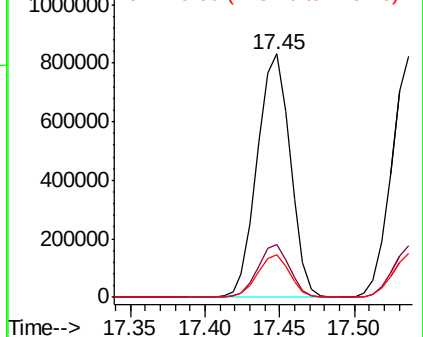
179 17.5 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.501 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

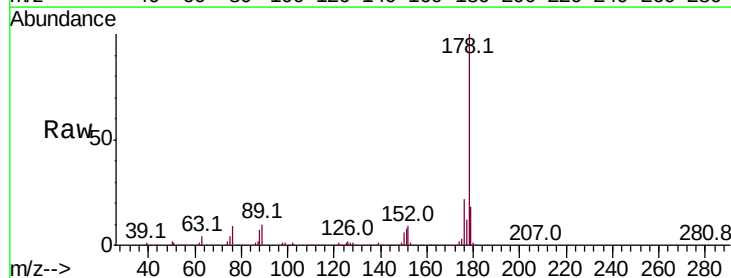
Tgt Ion:178 Resp: 1275206

Ion Ratio Lower Upper

178 100

176 21.5 18.6 28.0

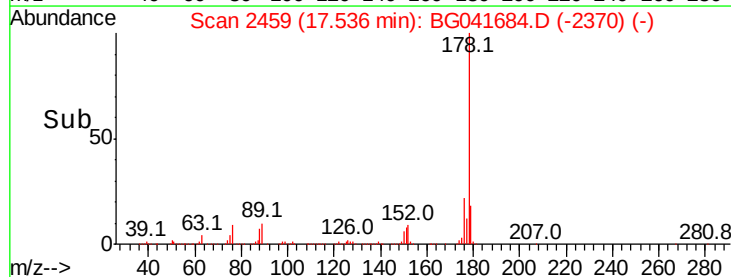
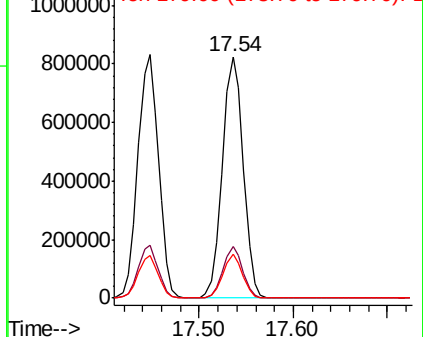
179 18.0 15.1 22.7

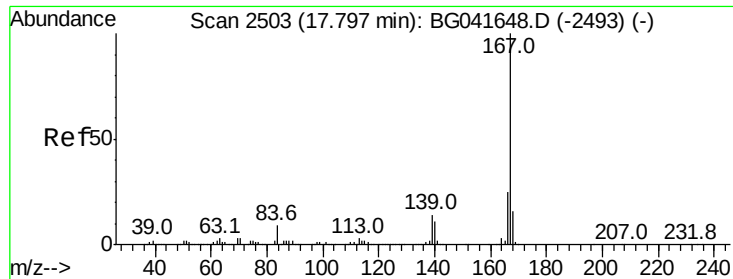


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.775 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

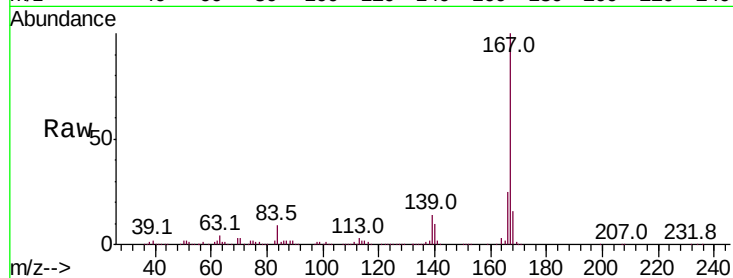
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1161976

Ion	Ratio	Lower	Upper
167	100		
166	24.8	21.4	32.2
139	14.2	12.1	18.1

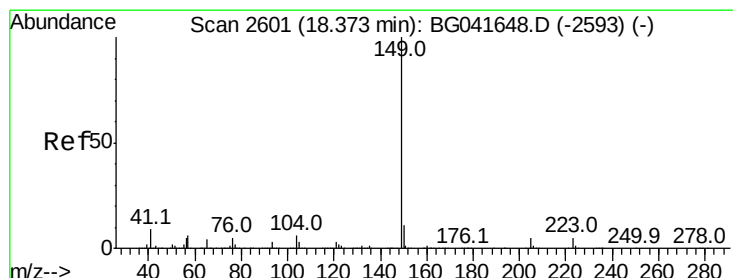
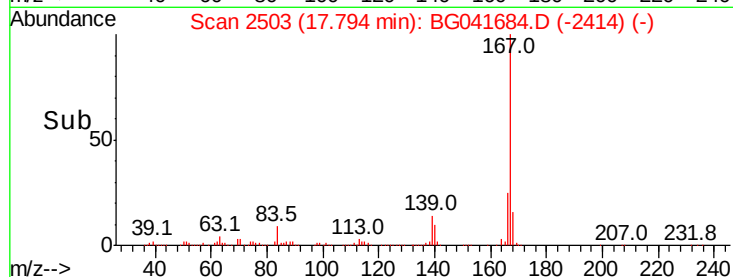
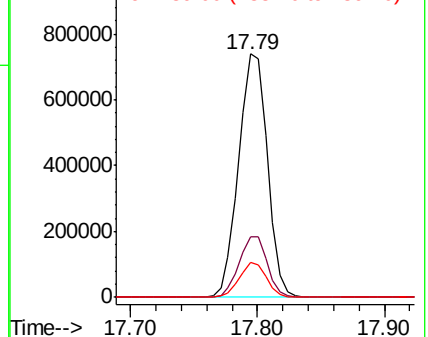


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.958 ng

RT: 18.37 min Scan# 2601

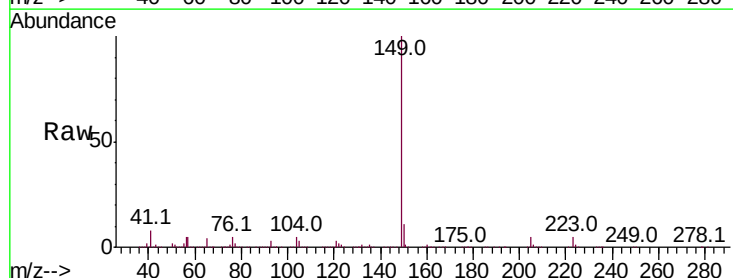
Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:149 Resp: 1388830

Ion	Ratio	Lower	Upper
149	100		
150	10.9	10.2	15.2
104	5.4	5.3	7.9

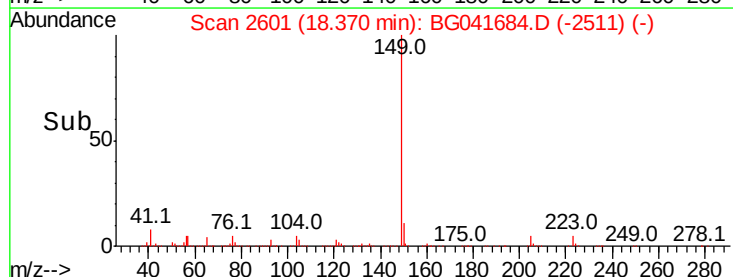
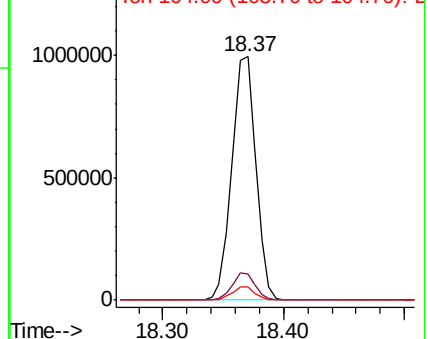


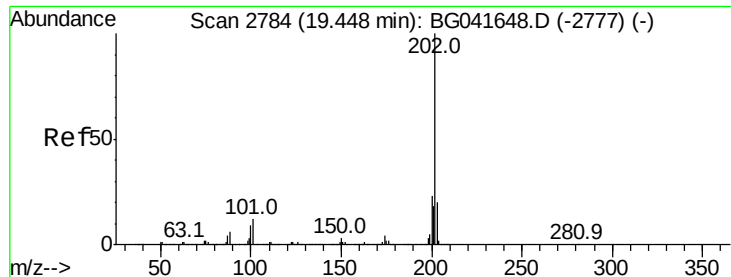
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.254 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampled :

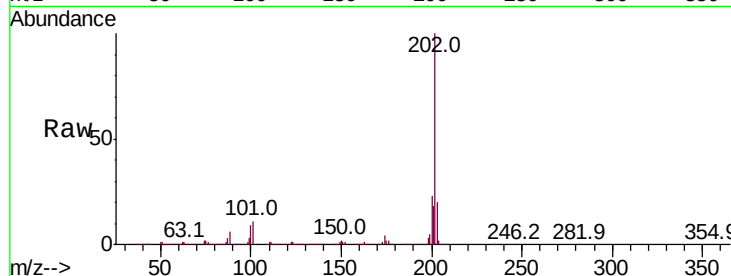
Tot Ion:202 Resp: 1523664

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.8

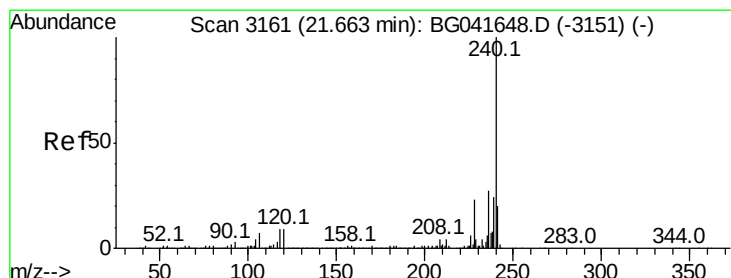
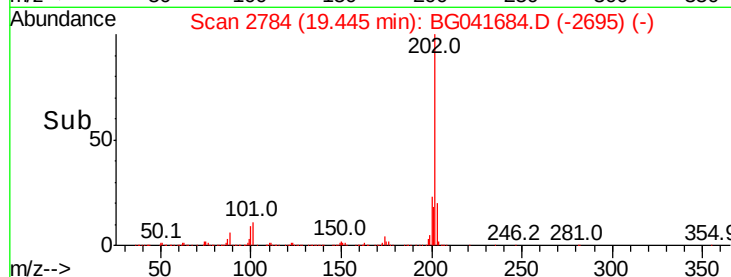
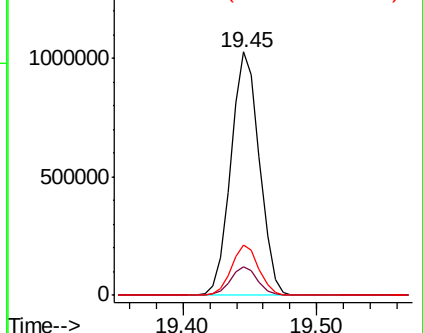
203 20.5 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

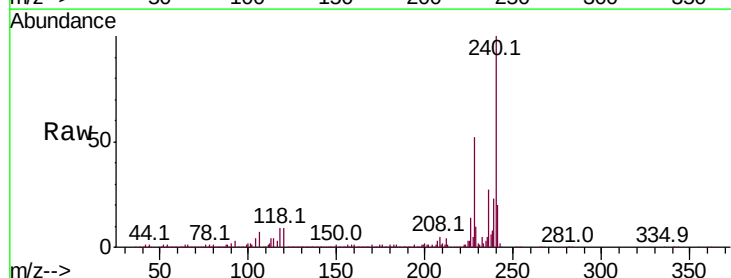
Tgt Ion:240 Resp: 571199

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

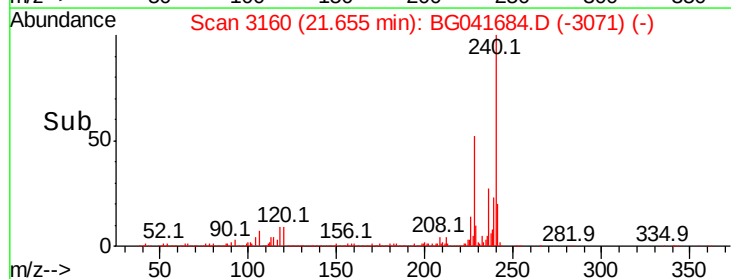
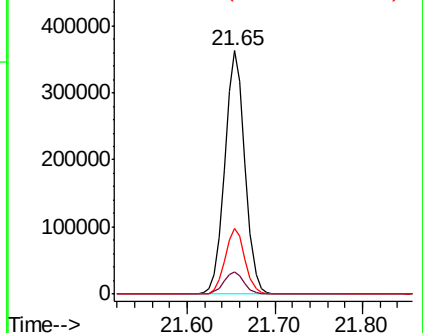
236 26.9 22.6 33.8

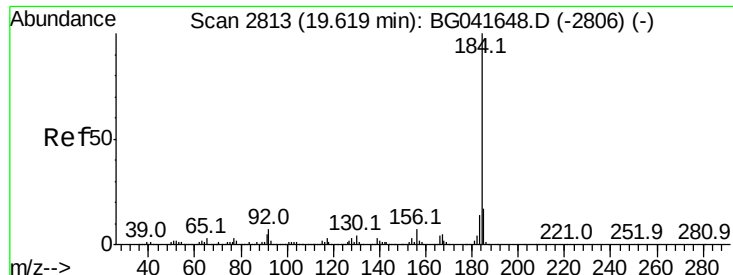


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.743 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

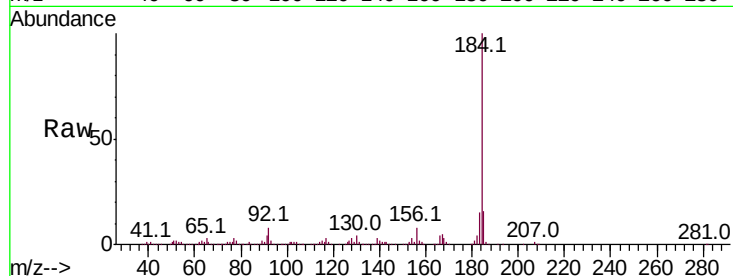
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 785777

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.0	19.4
183	14.6	11.8	17.6

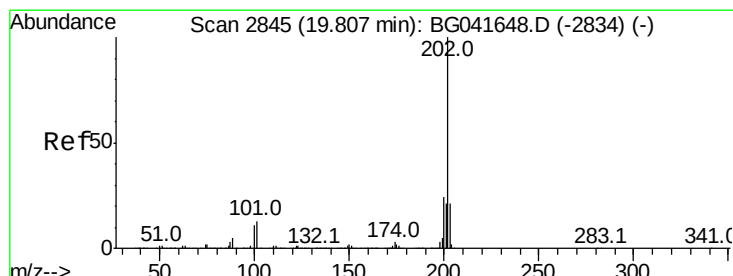
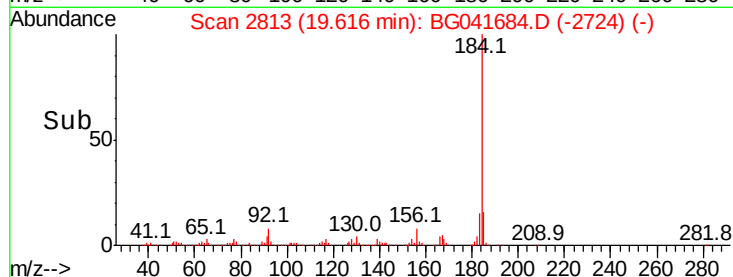
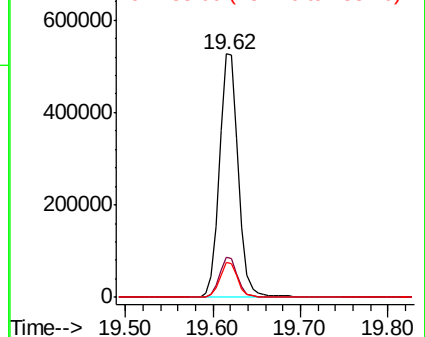


Abundance

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: 39.317 ng

RT: 19.80 min Scan# 2845

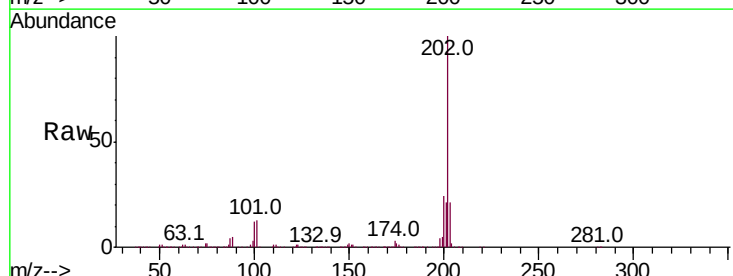
Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:202 Resp: 1518909

Ion	Ratio	Lower	Upper
202	100		
200	24.4	22.2	33.2
203	20.9	18.9	28.3

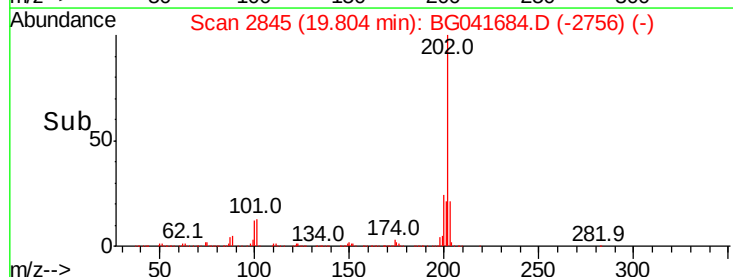
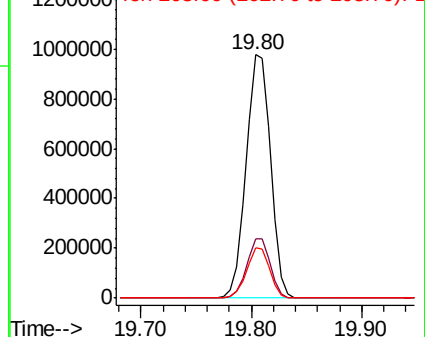


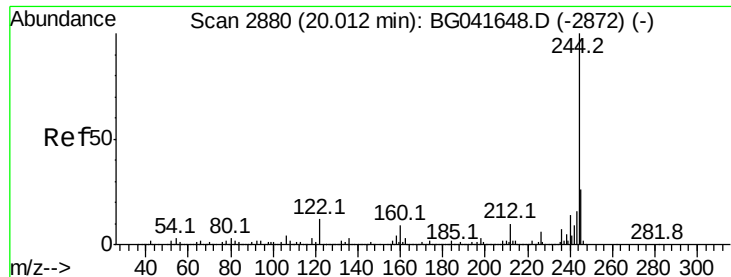
Abundance

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: 82.049 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

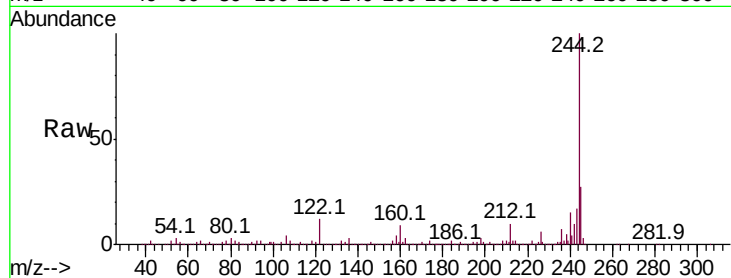
Tot Ion:244 Resp: 2005518

Ion Ratio Lower Upper

244 100

212 9.7 9.7 14.5

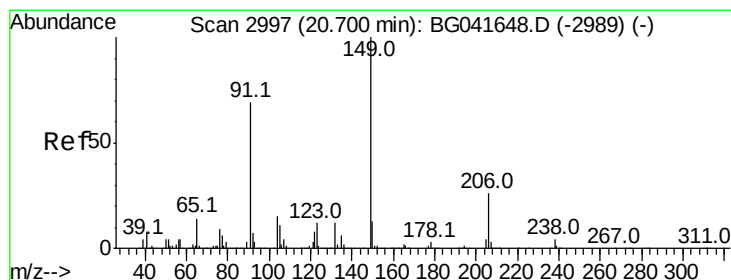
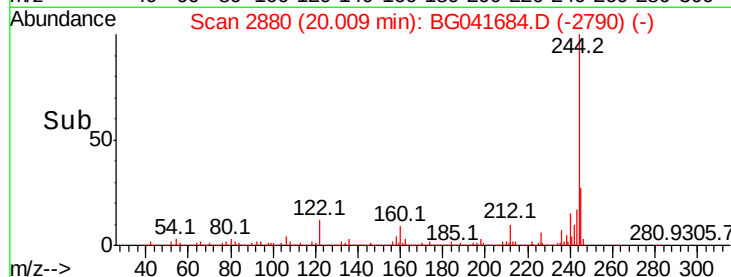
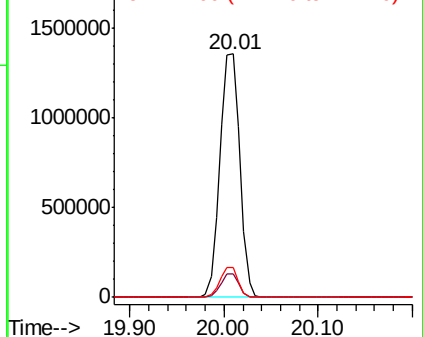
122 12.0 12.5 18.7#



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: 41.585 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

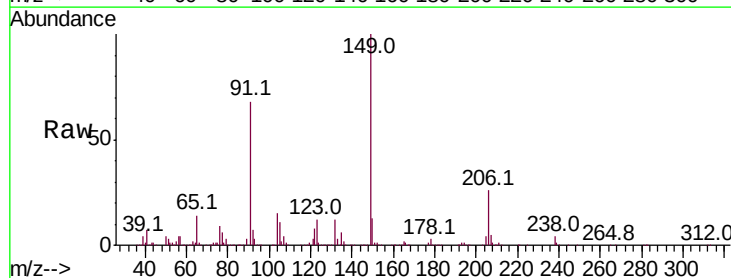
Tgt Ion:149 Resp: 667567

Ion Ratio Lower Upper

149 100

91 68.3 58.9 88.3

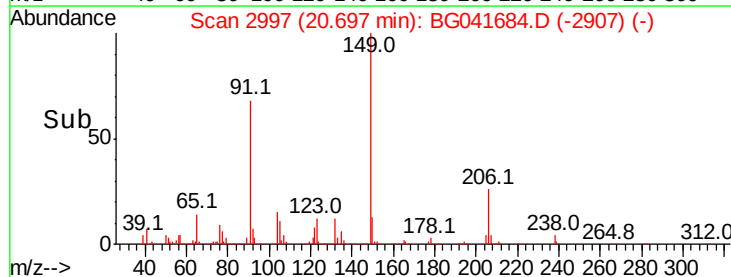
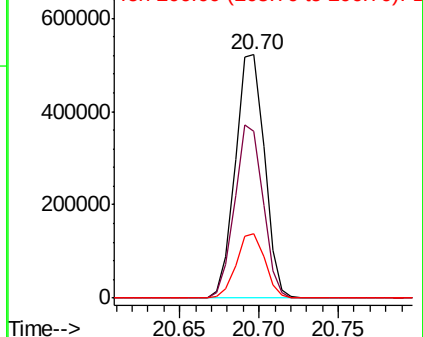
206 26.2 20.8 31.2

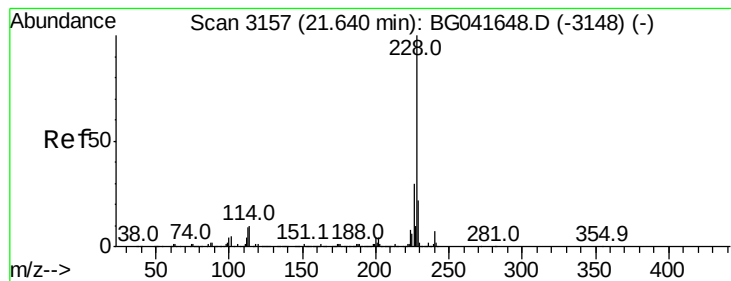


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.480 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampled :

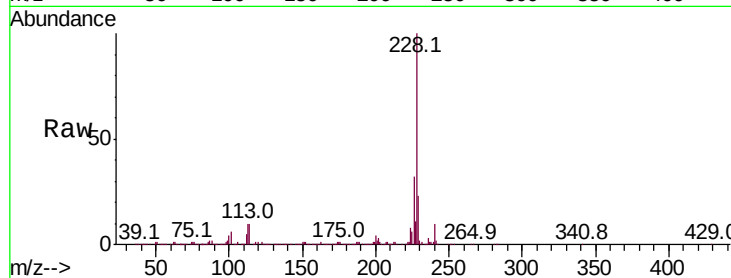
Tot Ion:228 Resp: 1530851

Ion	Ratio	Lower	Upper
228	100		
226	31.6	27.3	40.9
229	22.9	19.7	29.5

228 100

226 31.6 27.3 40.9

229 22.9 19.7 29.5

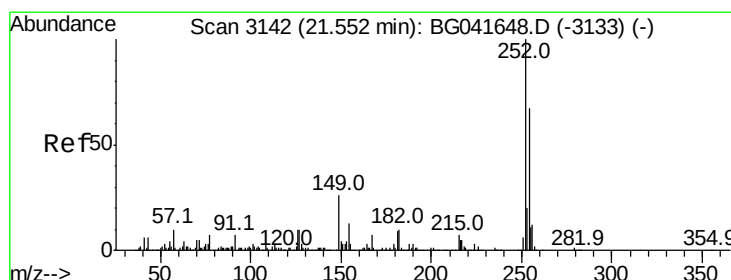
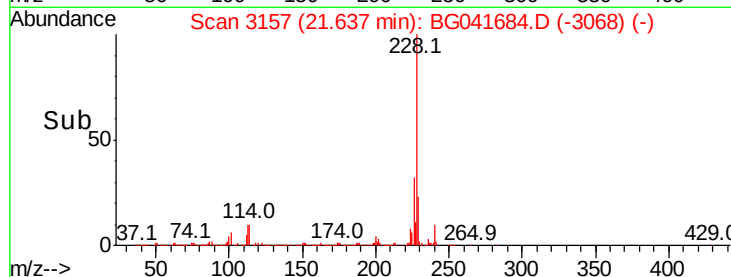
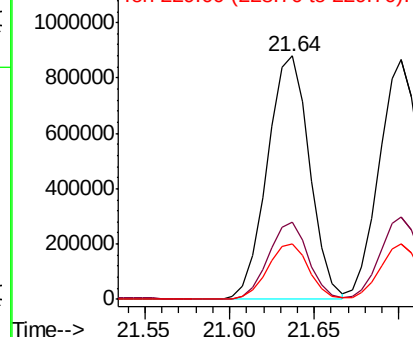


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.816 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

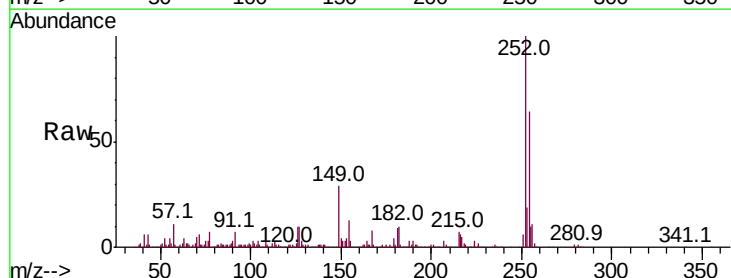
Tgt Ion:252 Resp: 607285

Ion	Ratio	Lower	Upper
252	100		
254	64.3	53.8	80.6
126	10.1	7.8	11.8

252 100

254 64.3 53.8 80.6

126 10.1 7.8 11.8

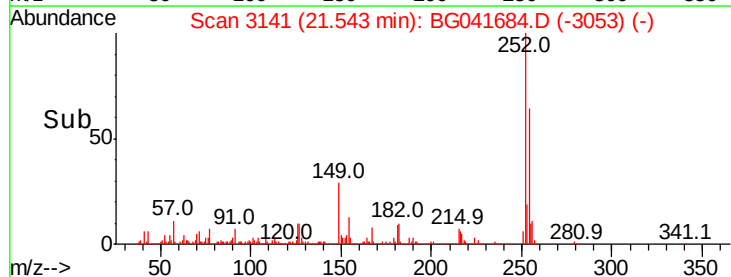
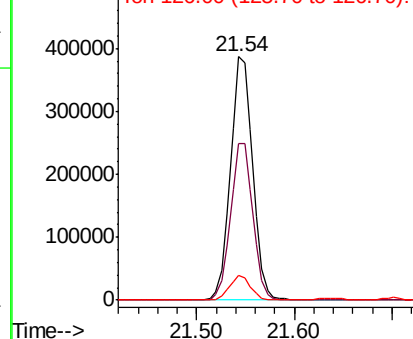


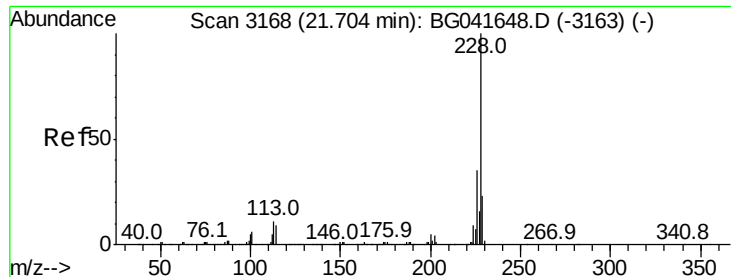
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



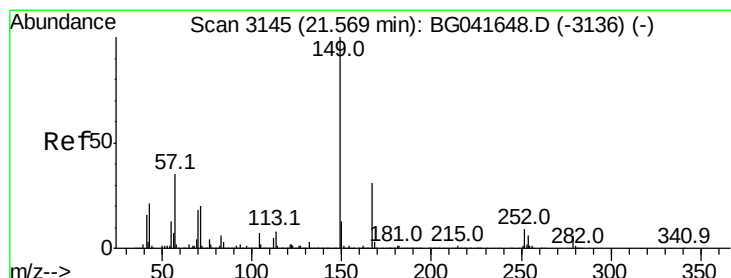
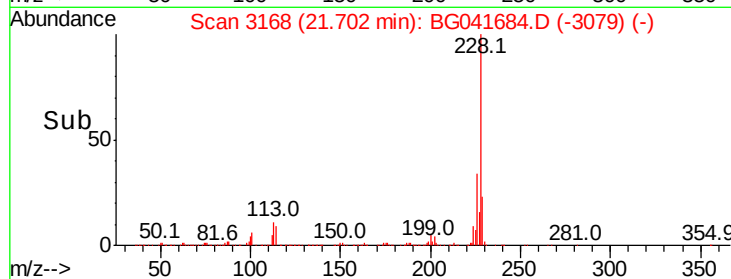
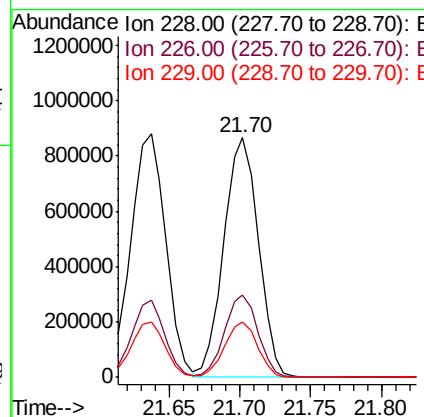
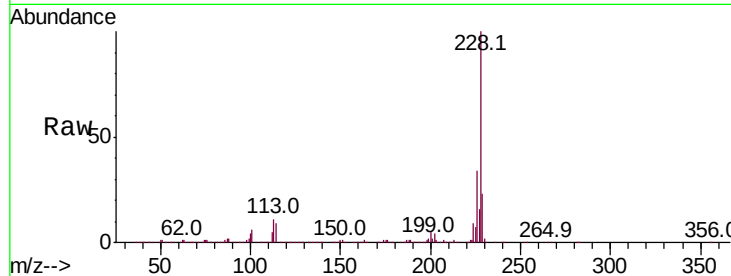


#83
 Chrysene
 Concen: 41.810 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1474408

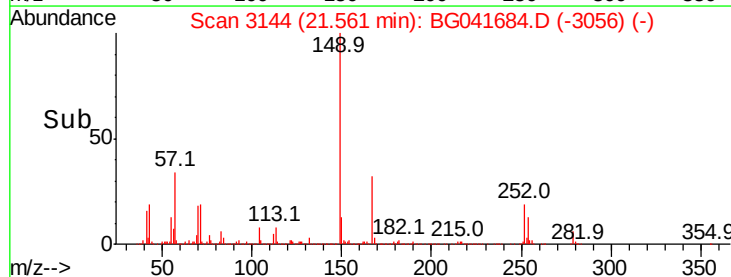
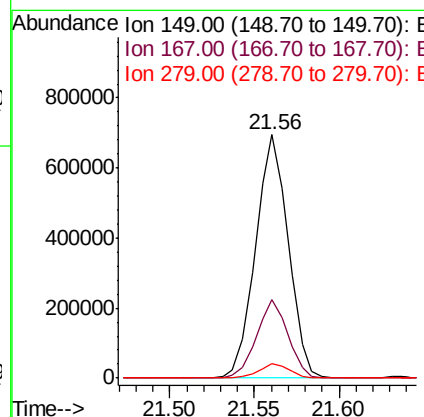
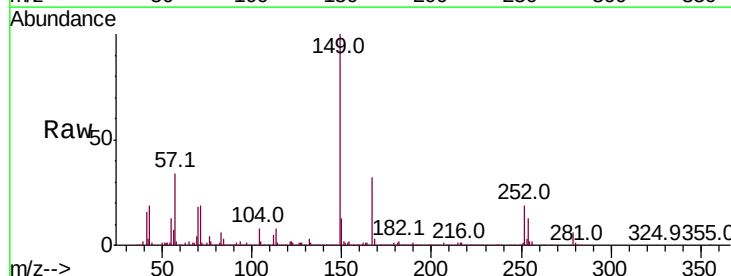
Ion	Ratio	Lower	Upper
228	100		
226	34.5	30.1	45.1
229	23.0	19.8	29.6

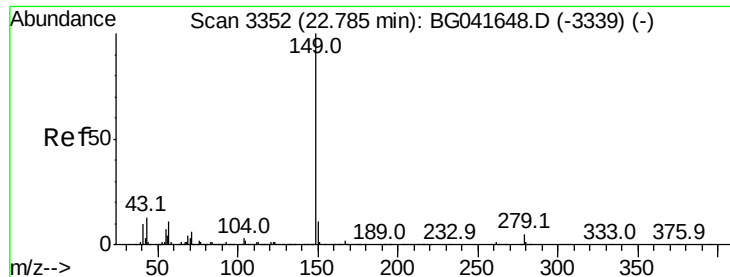


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.248 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG041684.D
 Acq: 17 Jul 2019 11:27

Tgt Ion:149 Resp: 934931

Ion	Ratio	Lower	Upper
149	100		
167	32.1	27.0	40.4
279	5.8	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 41.829 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA_G

ClientSampleId :

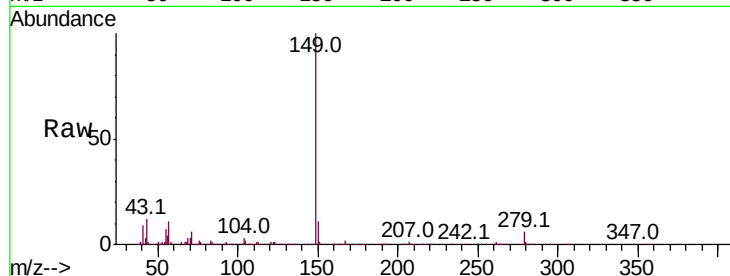
Tot Ion:149 Resp: 1614581

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

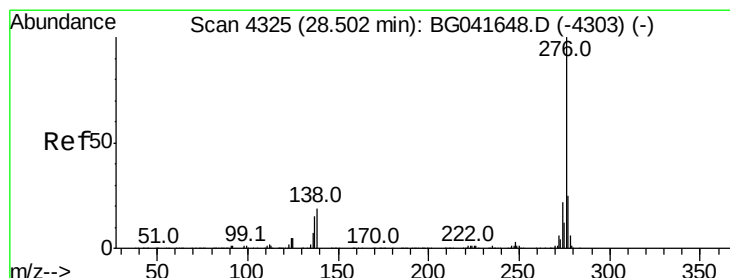
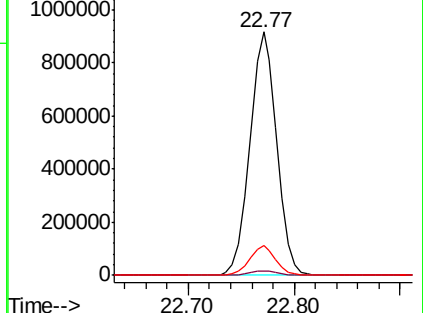
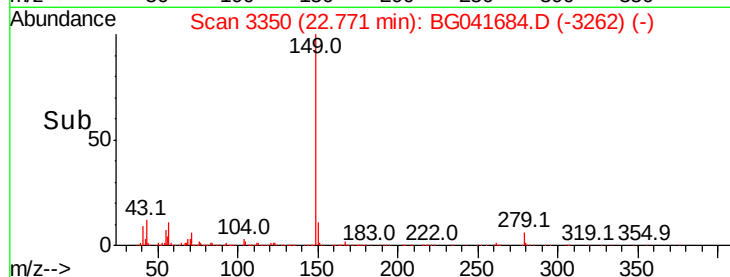
43 11.8 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.074 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.02 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

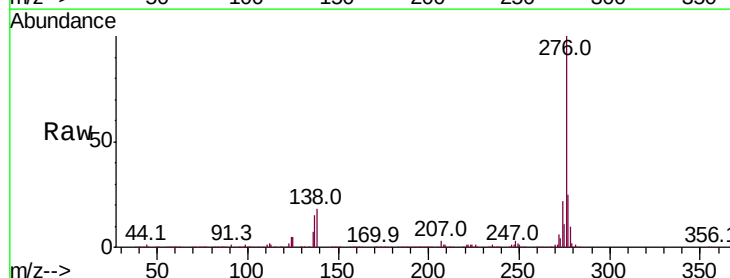
Tgt Ion:276 Resp: 1911204

Ion Ratio Lower Upper

276 100

138 15.8 19.4 29.0#

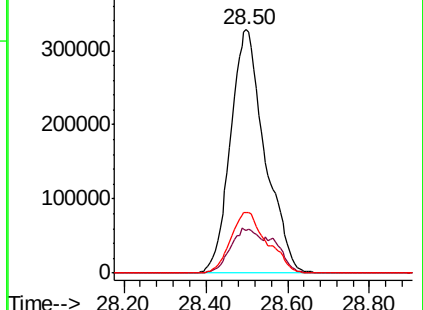
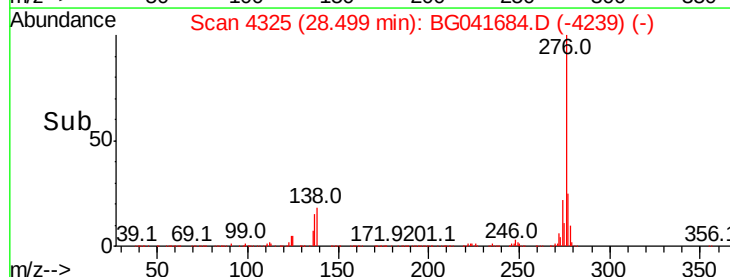
277 26.4 21.2 31.8

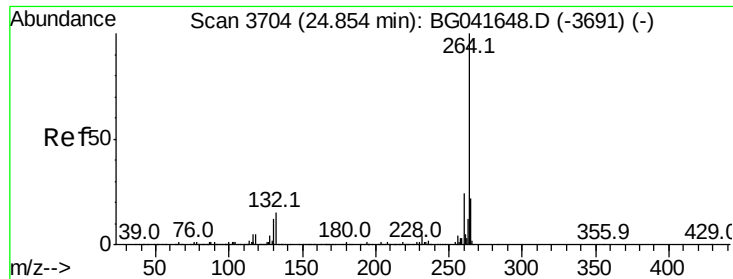


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



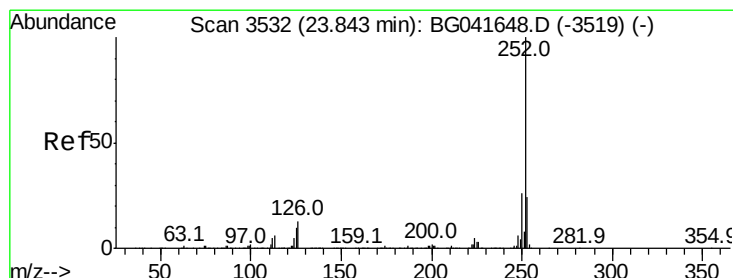
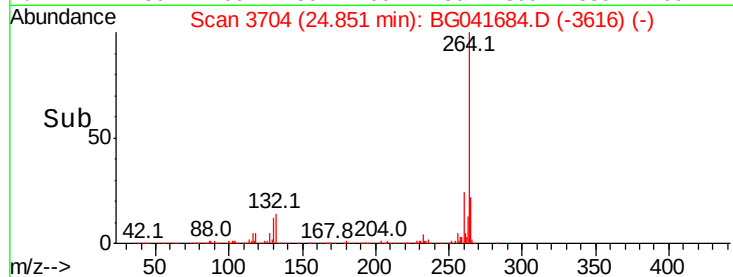
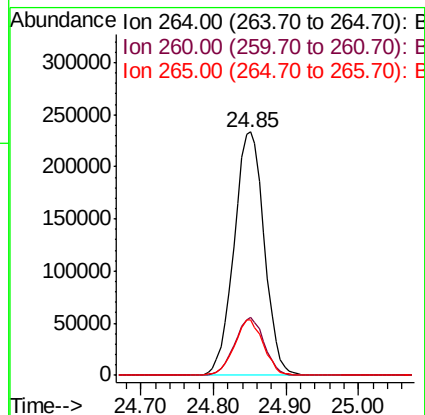
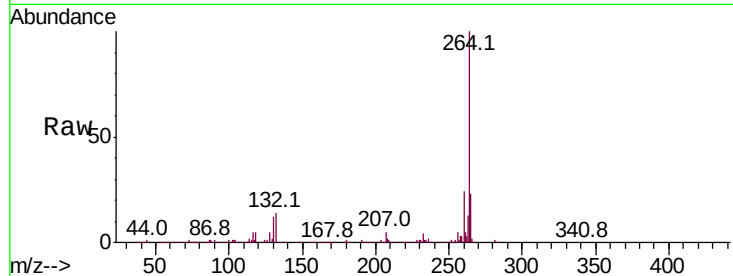


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 672343

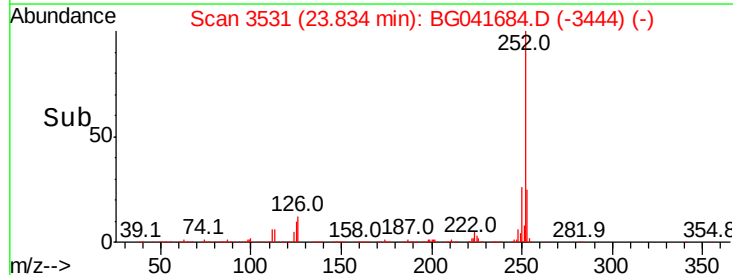
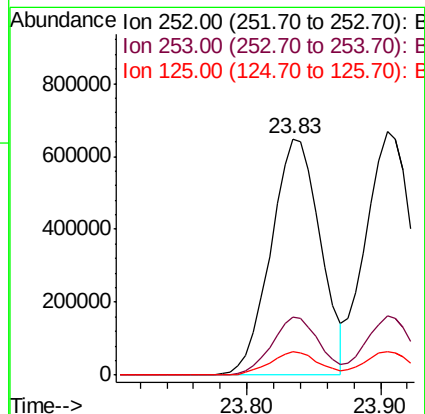
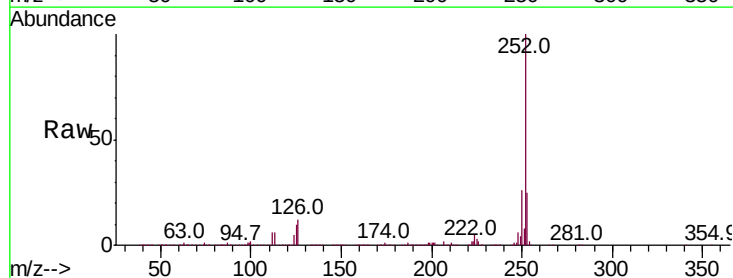
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.7	18.0	27.0

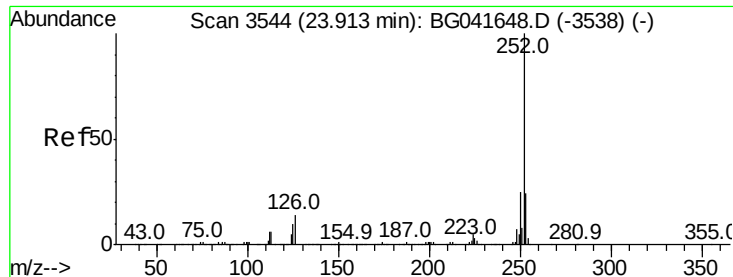


#88
Benzo(b)fluoranthene
Concen: 40.808 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion:252 Resp: 1664245

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	10.1	8.0	12.0

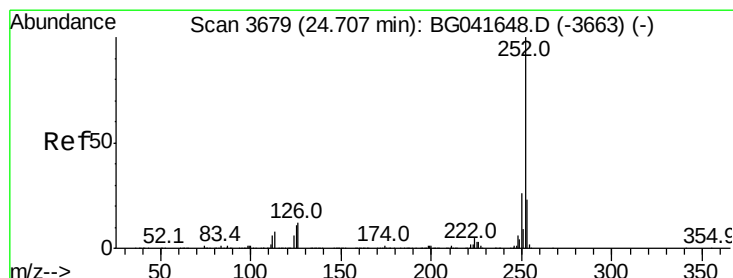
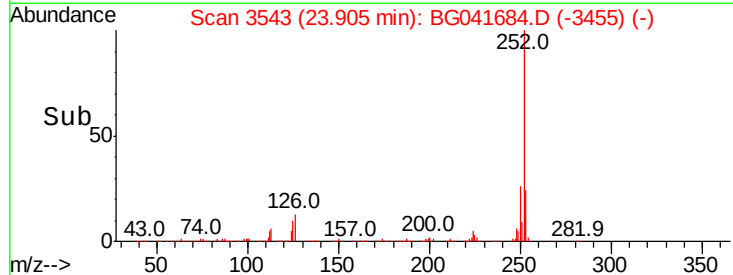
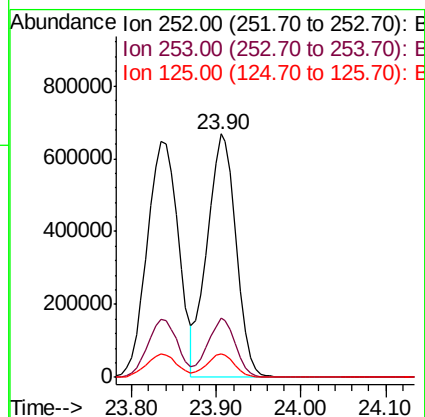
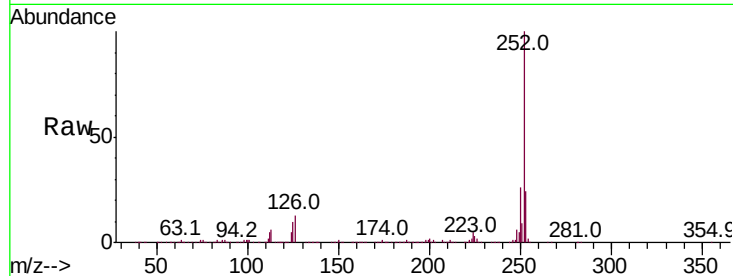




#89
Benzo(k)fluoranthene
Concen: 42.105 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

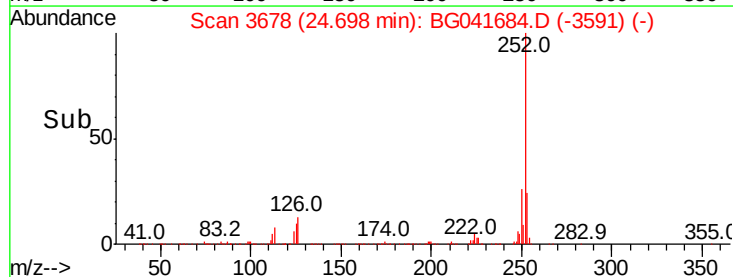
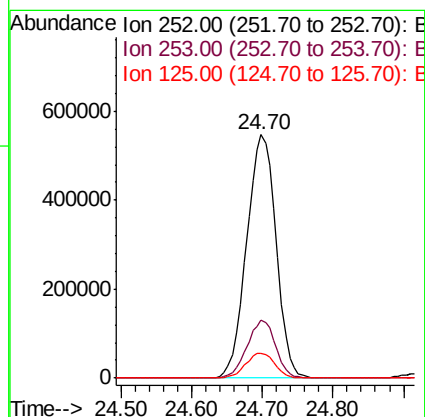
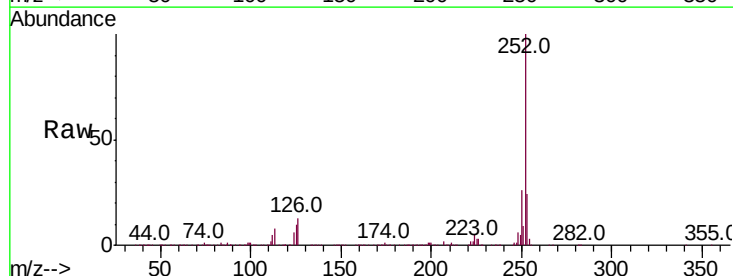
Instrument :
BNA_G
ClientSampleId :

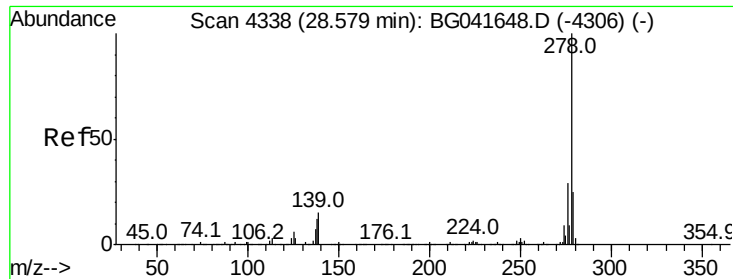
Tot Ion:252 Resp: 1591118
Ion Ratio Lower Upper
252 100
253 24.3 20.5 30.7
125 9.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.200 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041684.D
Acq: 17 Jul 2019 11:27

Tgt Ion:252 Resp: 1589724
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.8
125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 40.879 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.02 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

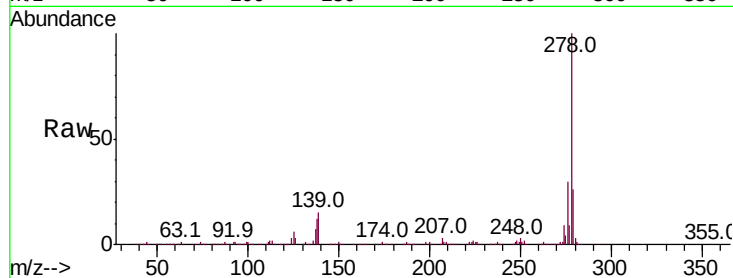
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1529407

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	19.0
279	25.7	20.5	30.7

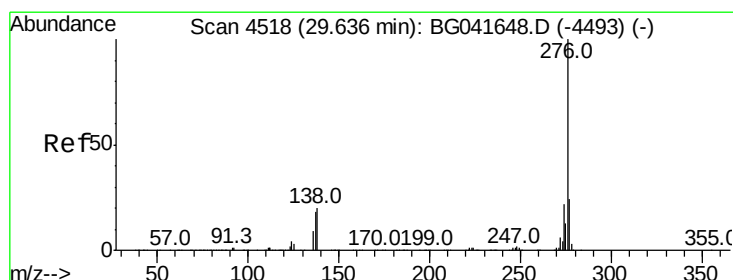
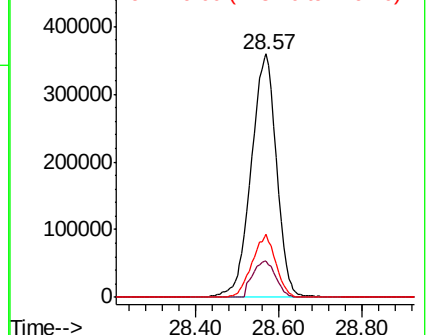
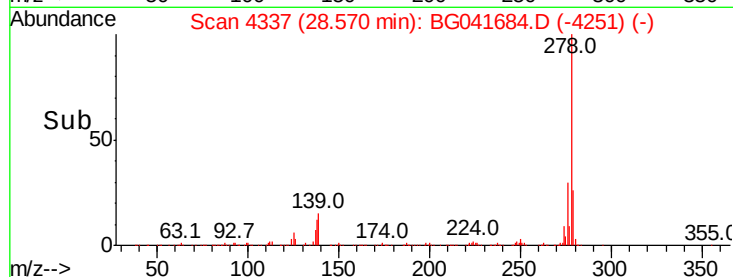


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.983 ng

RT: 29.63 min Scan# 4517

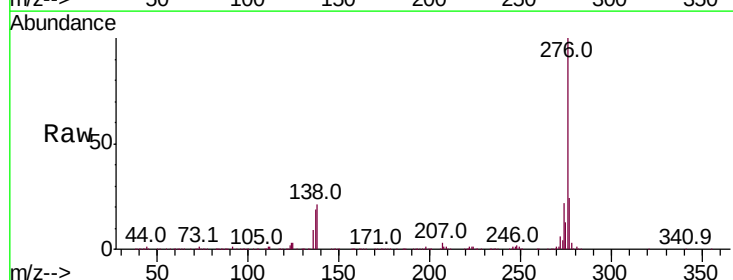
Delta R.T. -0.04 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:276 Resp: 1536545

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	20.5	16.6	25.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

