

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045353.D
 Acq On : 13 May 2020 8:23
 Operator : CG/JU
 Sample : L2575-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 13 08:59:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63388	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	259601	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	192052	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	456286	20.00	ng	0.00
76) Chrysene-d12	21.63	240	420013	20.00	ng	0.00
87) Perylene-d12	24.79	264	474151	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	449837	117.16	ng	0.00
7) Phenol-d6	7.14	99	652034	114.30	ng	0.00
23) Nitrobenzene-d5	9.13	82	405251	71.23	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	318349	107.30	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	950217	72.55	ng	0.00
79) Terphenyl-d14	19.98	244	1681258	87.25	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	57664	33.794 ng	95
3) Pyridine	3.82	79	136936	26.064 ng	93
4) n-Nitrosodimethylamine	3.73	42	60791	37.772 ng	100
6) Aniline	7.29	93	142877	19.263 ng	98
8) 2-Chlorophenol	7.54	128	168769	40.900 ng	98
9) Benzaldehyde	7.10	77	128560	39.986 ng	99
10) Phenol	7.17	94	231634	40.578 ng	98
11) bis(2-Chloroethyl)ether	7.39	93	155929	34.308 ng	99
12) 1,3-Dichlorobenzene	7.86	146	176425	36.283 ng	98
13) 1,4-Dichlorobenzene	8.01	146	179700	37.089 ng	98
14) 1,2-Dichlorobenzene	8.33	146	167047	36.038 ng	94
15) Benzyl Alcohol	8.21	79	173981	36.377 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	141447	31.705 ng	98
17) 2-Methylphenol	8.42	107	154460	35.070 ng	96
18) Hexachloroethane	9.06	117	70205	38.544 ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	140881	34.921 ng	98
20) 3+4-Methylphenols	8.75	107	215872	35.017 ng	99
22) Acetophenone	8.79	105	262960	37.457 ng	98
24) Nitrobenzene	9.17	77	209934	35.998 ng	# 95
25) Isophorone	9.70	82	396011	33.989 ng	99
26) 2-Nitrophenol	9.89	139	97747	38.911 ng	96
27) 2,4-Dimethylphenol	9.95	122	156477	39.258 ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	219696	35.888 ng	97
29) 2,4-Dichlorophenol	10.43	162	178792	38.847 ng	99
30) 1,2,4-Trichlorobenzene	10.65	180	186571	35.803 ng	97
31) Naphthalene	10.83	128	516160	36.346 ng	99
32) Benzoic acid	10.11	122	95046	31.972 ng	97
33) 4-Chloroaniline	10.94	127	66850	10.094 ng	98
34) Hexachlorobutadiene	11.13	225	130290	36.468 ng	97
35) Caprolactam	11.70	113	37460	20.450 ng	96
36) 4-Chloro-3-methylphenol	12.07	107	205423	37.994 ng	98
37) 2-Methylnaphthalene	12.44	142	392010	35.563 ng	98
38) 1-Methylnaphthalene	12.66	142	375381	36.073 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	216728	35.049 ng	98

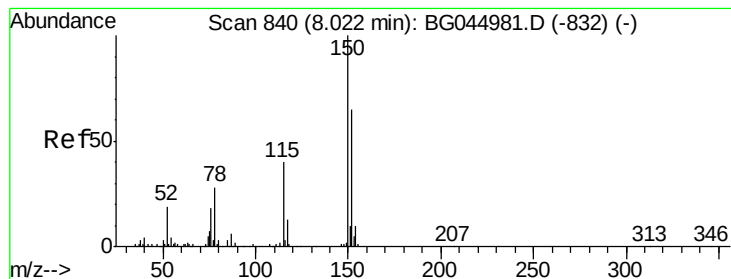
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045353.D
 Acq On : 13 May 2020 8:23
 Operator : CG/JU
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Quant Time: May 13 08:59:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	274167	70.939	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	158270	36.266	ng	90
44) 2,4,5-Trichlorophenol	13.13	196	174189	35.065	ng	96
46) 1,1'-Biphenyl	13.45	154	512527	35.111	ng	100
47) 2-Chloronaphthalene	13.49	162	389571	34.927	ng	96
48) 2-Nitroaniline	13.68	65	130074	35.444	ng	98
49) Acenaphthylene	14.34	152	665167	36.612	ng	99
50) Dimethylphthalate	14.07	163	682164	43.623	ng	98
51) 2,6-Dinitrotoluene	14.18	165	125298	35.823	ng	96
52) Acenaphthene	14.68	154	396980	32.295	ng	99
53) 3-Nitroaniline	14.51	138	54174	14.122	ng	# 91
54) 2,4-Dinitrophenol	14.72	184	157140	75.554	ng	92
55) Dibenzofuran	15.02	168	639484	35.683	ng	99
56) 4-Nitrophenol	14.84	139	213036	71.623	ng	94
57) 2,4-Dinitrotoluene	14.98	165	180302	35.273	ng	96
58) Fluorene	15.66	166	526981	36.000	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	162564	36.779	ng	98
60) Diethylphthalate	15.44	149	569189	34.911	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	291597	34.608	ng	98
62) 4-Nitroaniline	15.68	138	122470	30.780	ng	93
63) Azobenzene	15.95	77	537464	35.756	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	117030	39.021	ng	92
66) n-Nitrosodiphenylamine	15.87	169	474095	36.163	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	203843	34.629	ng	99
68) Hexachlorobenzene	16.67	284	220646	36.142	ng	99
69) Atrazine	16.82	200	184287	37.773	ng	95
70) Pentachlorophenol	17.02	266	264662	70.668	ng	96
71) Phenanthrene	17.40	178	871246	37.158	ng	99
72) Anthracene	17.50	178	892914	37.964	ng	100
73) Carbazole	17.76	167	823825	34.515	ng	97
74) Di-n-butylphthalate	18.33	149	998253	37.395	ng	99
75) Fluoranthene	19.42	202	1099065	39.066	ng	98
77) Benzidine	19.59	184	484168	39.006	ng	94
78) Pyrene	19.78	202	1085821	37.499	ng	98
80) Butylbenzylphthalate	20.66	149	451624	37.627	ng	99
81) Benzo(a)anthracene	21.61	228	1041793	38.269	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	174048	16.063	ng	95
83) Chrysene	21.67	228	983670	37.608	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	624473	37.829	ng	97
85) Di-n-octyl phthalate	22.71	149	1064621	37.295	ng	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1318392	37.964	ng	# 97
88) Benzo(b)fluoranthene	23.85	252	1079787	36.356	ng	97
89) Benzo(k)fluoranthene	23.85	252	1079787	38.229	ng	97
90) Benzo(a)pyrene	24.64	252	1019329	36.350	ng	98
91) Dibenzo(a,h)anthracene	28.44	278	1075427	38.060	ng	97
92) Benzo(g,h,i)perylene	29.50	276	1085924	38.333	ng	99

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

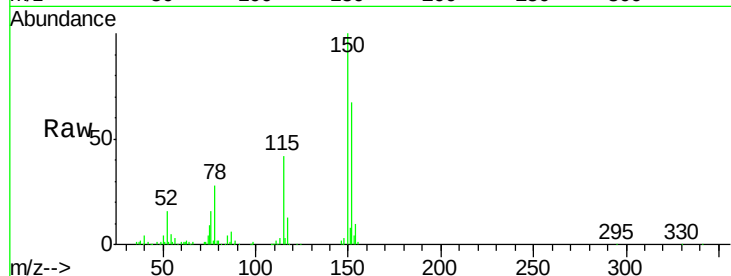


#1

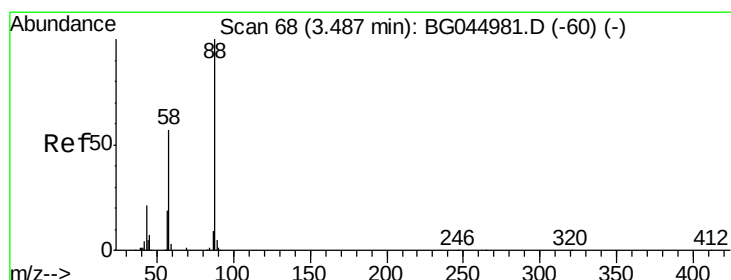
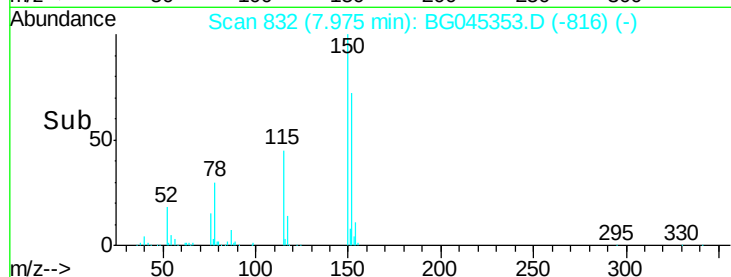
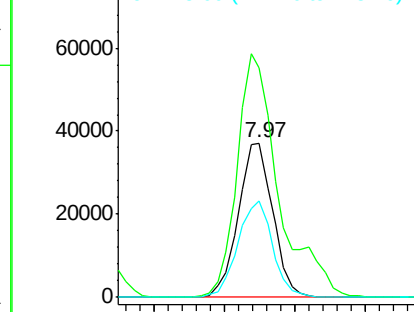
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	63388
Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.6	185.4
115	62.5	49.1	73.7



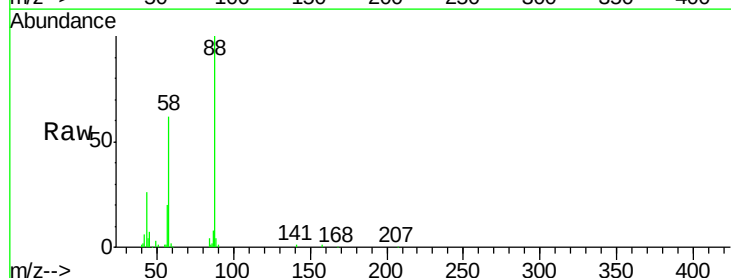
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



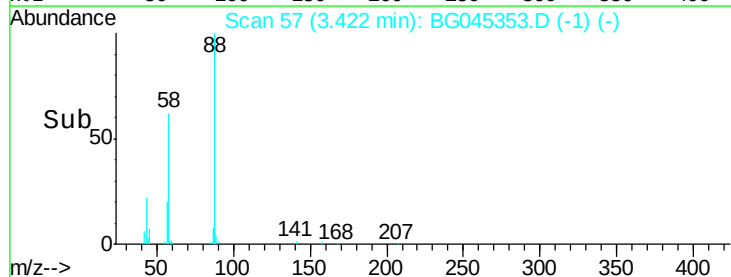
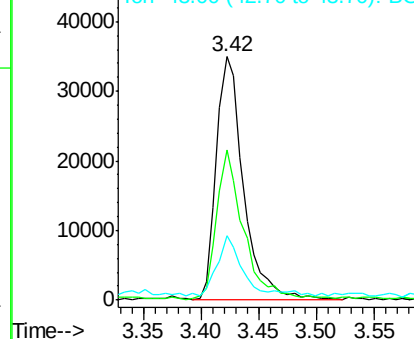
#2

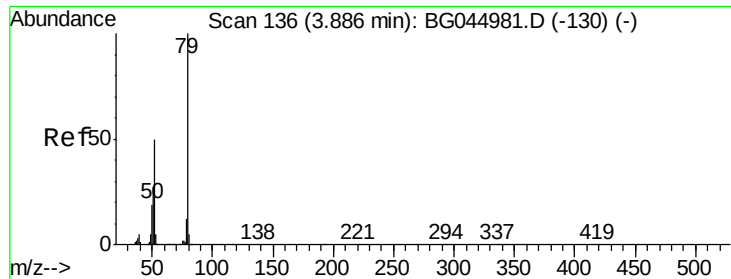
1,4-Dioxane
Concen: 33.794 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	88	Resp	57664
Ion	Ratio	Lower	Upper
88	100		
58	62.5	46.6	69.8
43	22.8	17.5	26.3



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: 26.064 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

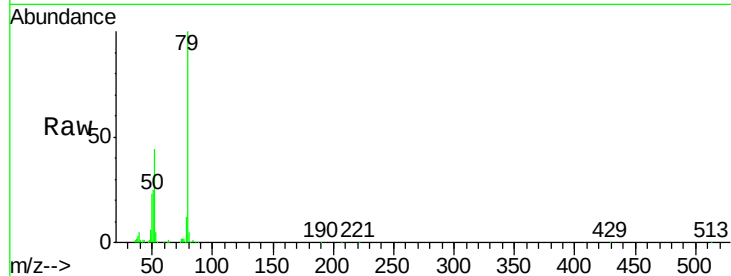
Tot Ion: 79 Resp: 136936

Ion Ratio Lower Upper

79 100

52 43.6 39.8 59.6

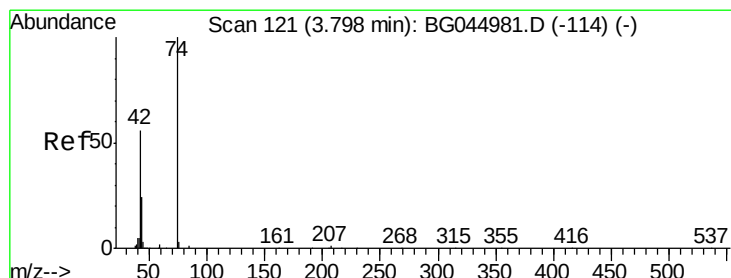
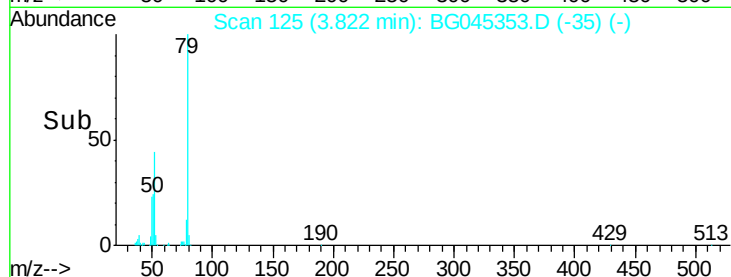
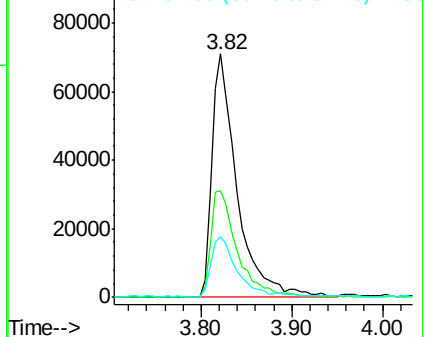
51 24.7 21.4 32.2



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: 37.772 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

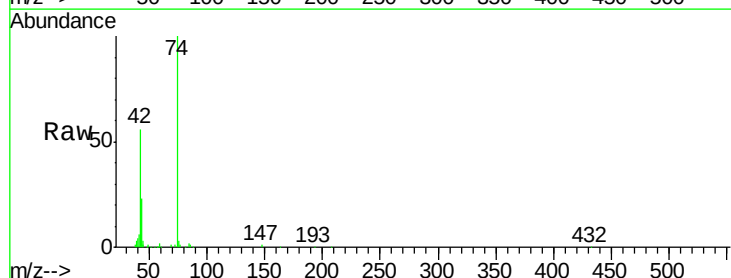
Tgt Ion: 42 Resp: 60791

Ion Ratio Lower Upper

42 100

74 178.5 143.0 214.6

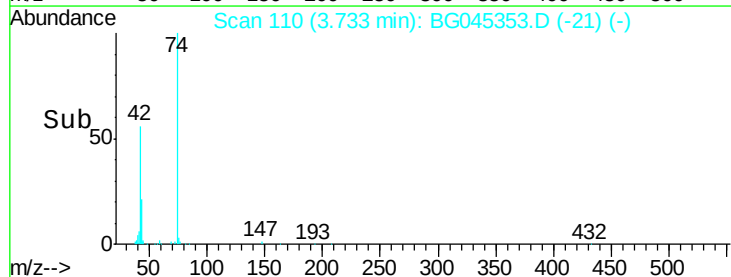
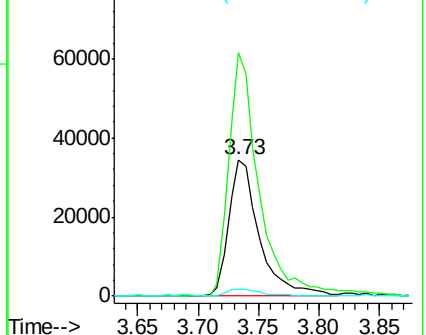
44 4.6 4.6 6.8

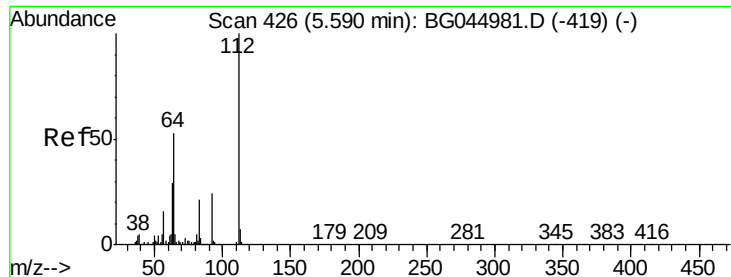


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 117.160 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

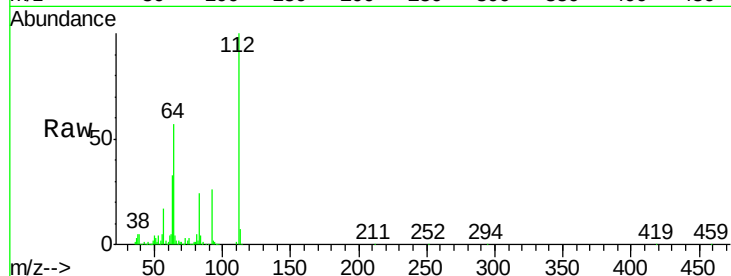
Tot Ion:112 Resp: 449837

Ion Ratio Lower Upper

112 100

64 56.7 42.4 63.6

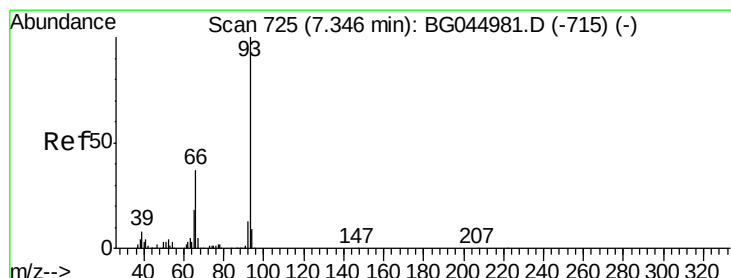
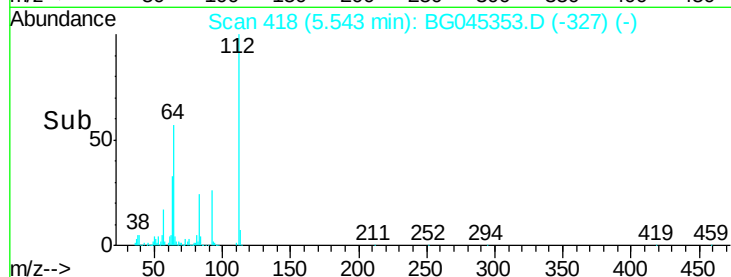
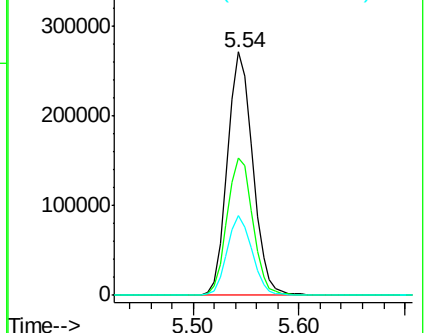
63 33.0 23.1 34.7



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: 19.263 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

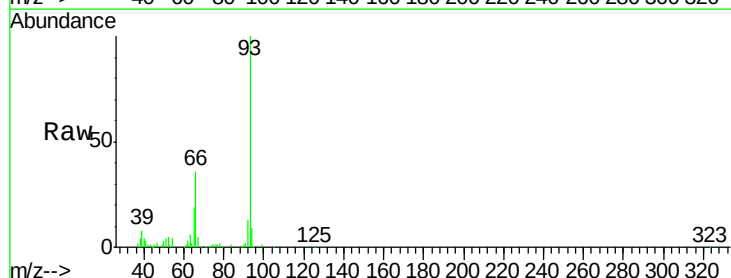
Tgt Ion: 93 Resp: 142877

Ion Ratio Lower Upper

93 100

66 36.3 29.8 44.8

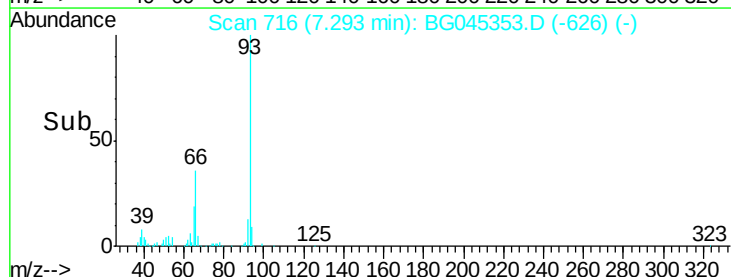
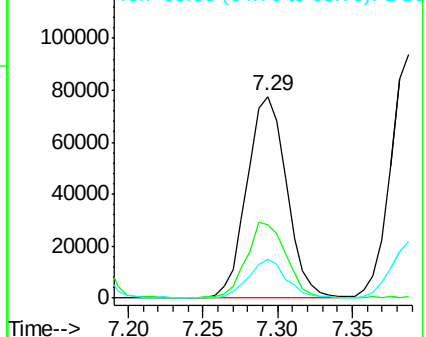
65 19.4 14.6 22.0

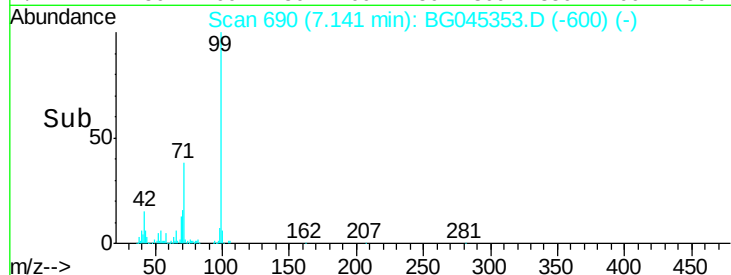
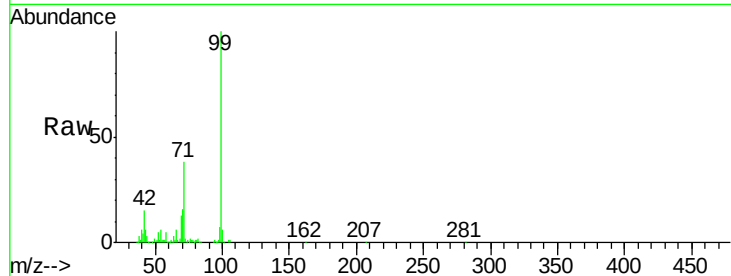
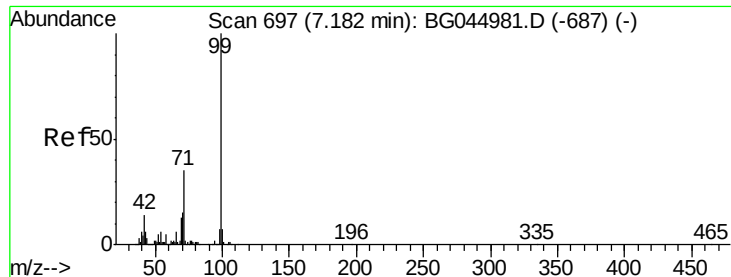


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.301 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampled :

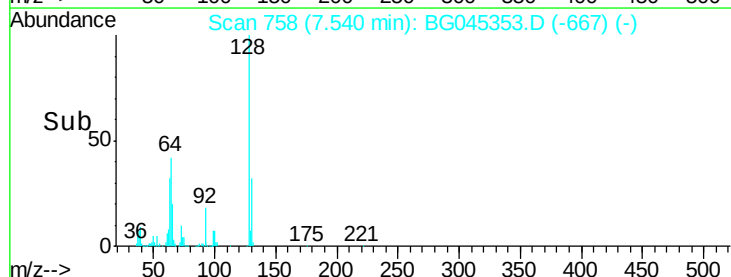
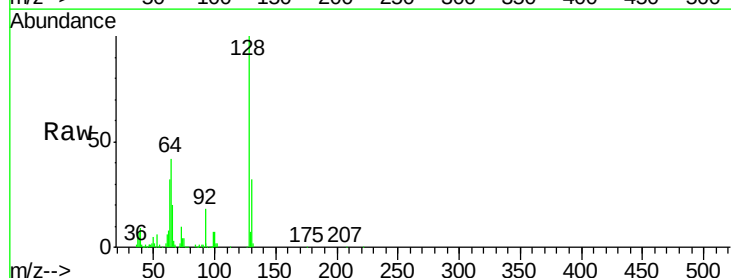
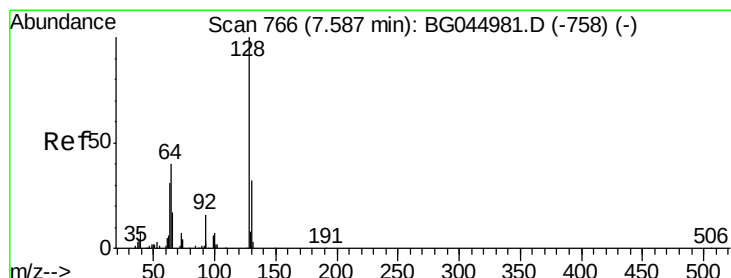
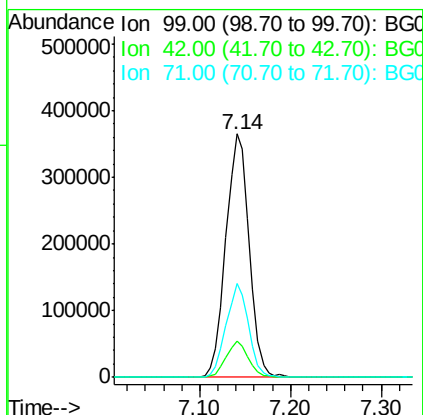
Tot Ion: 99 Resp: 652034

Ion Ratio Lower Upper

99 100

42 14.7 11.3 16.9

71 38.3 28.3 42.5



#8

2-Chlorophenol

Concen: 40.900 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

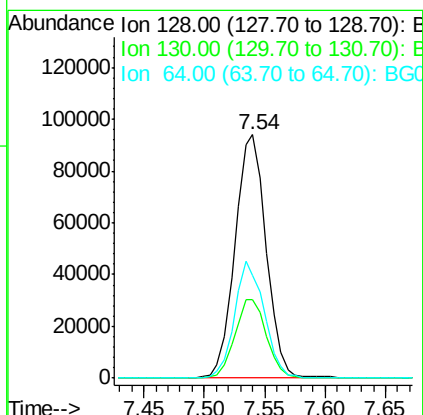
Tgt Ion: 128 Resp: 168769

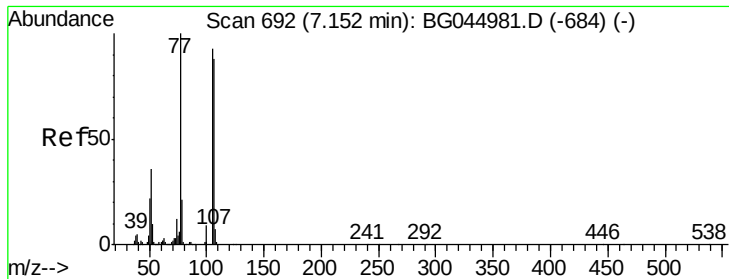
Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

64 42.2 24.4 64.4





#9

Benzaldehyde

Concen: 39.986 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

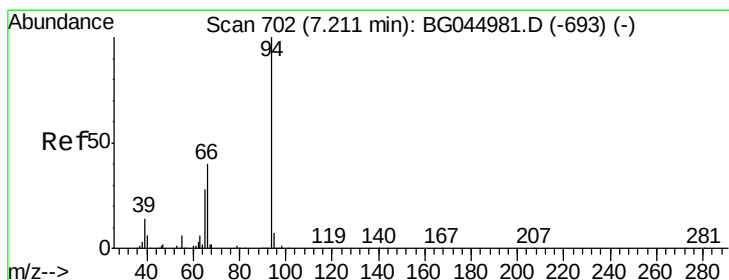
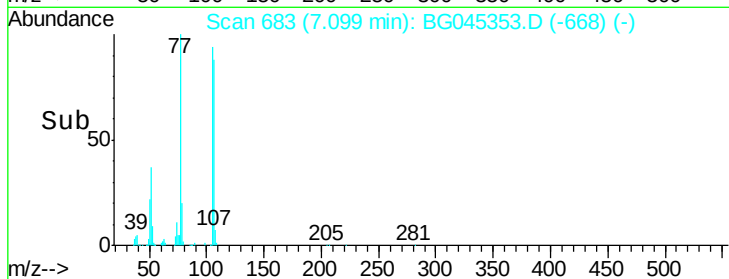
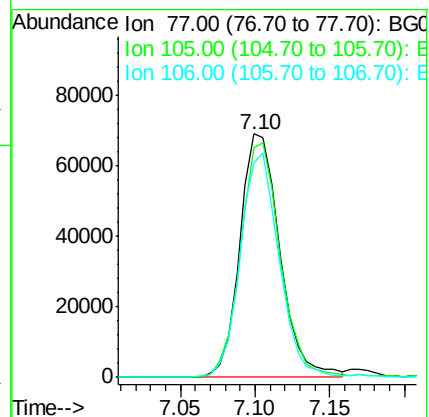
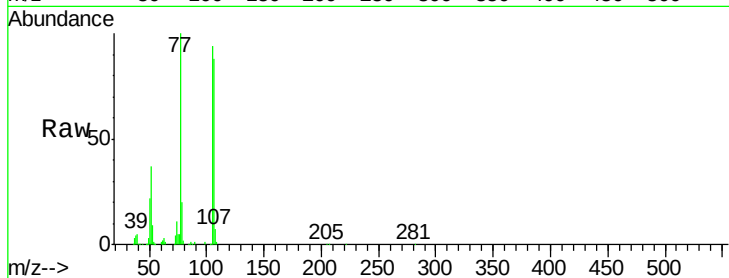
Tot Ion: 77 Resp: 128560

Ion Ratio Lower Upper

77 100

105 94.2 72.9 112.9

106 88.1 67.6 107.6



#10

Phenol

Concen: 40.578 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

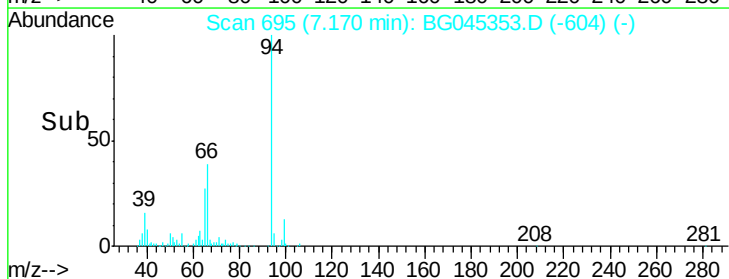
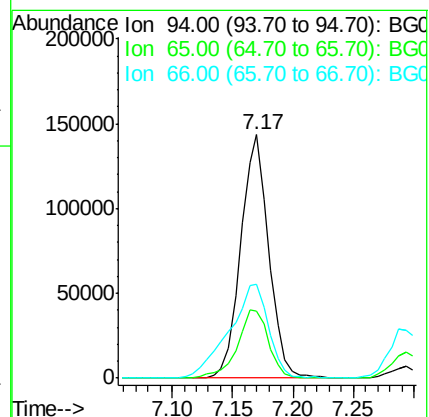
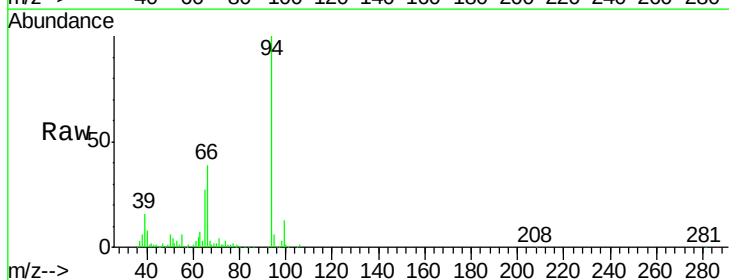
Tgt Ion: 94 Resp: 231634

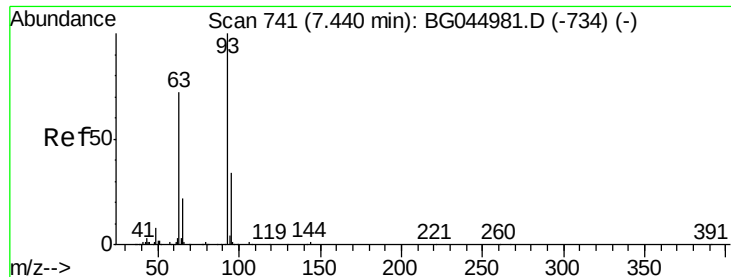
Ion Ratio Lower Upper

94 100

65 27.4 8.2 48.2

66 38.5 20.4 60.4

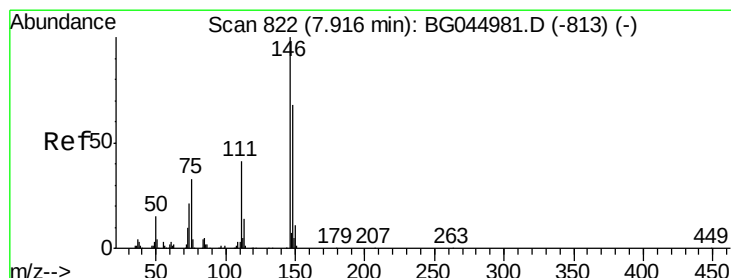
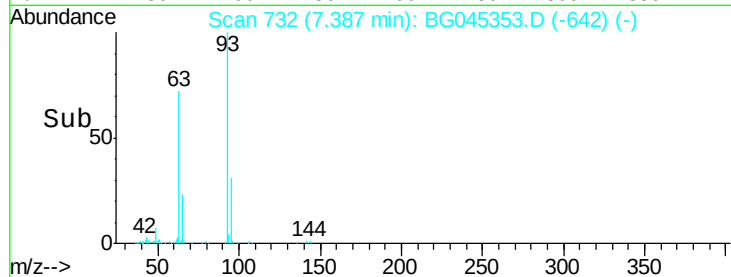
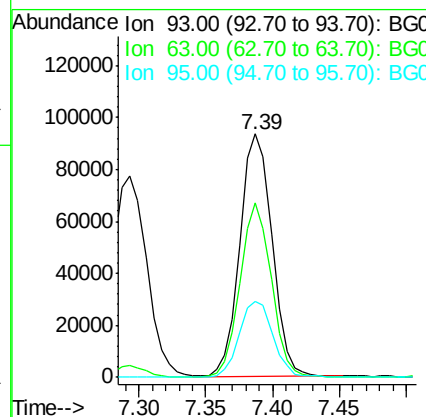
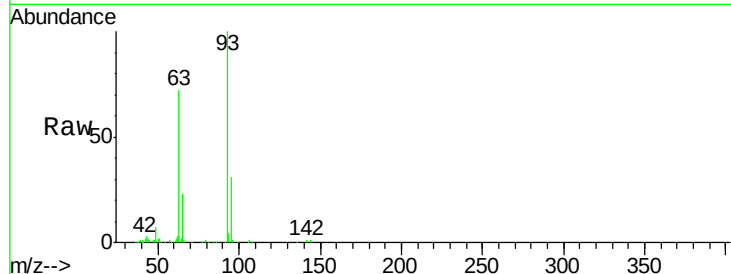




#11
 bis(2-Chloroethyl)ether
 Concen: 34.308 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

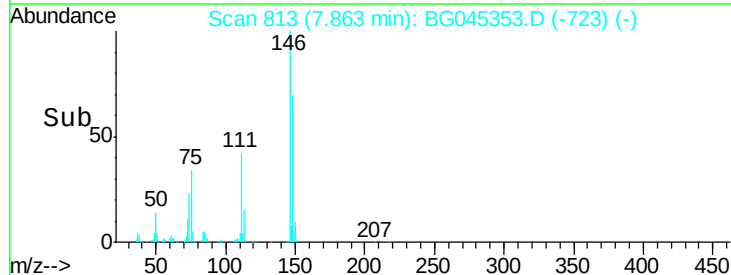
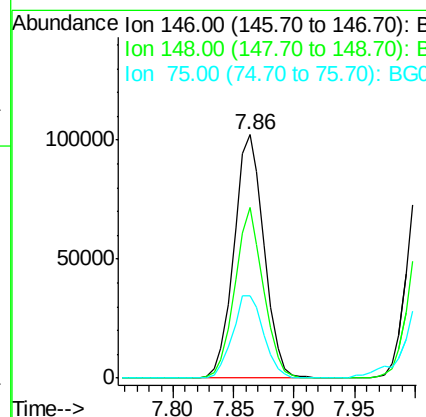
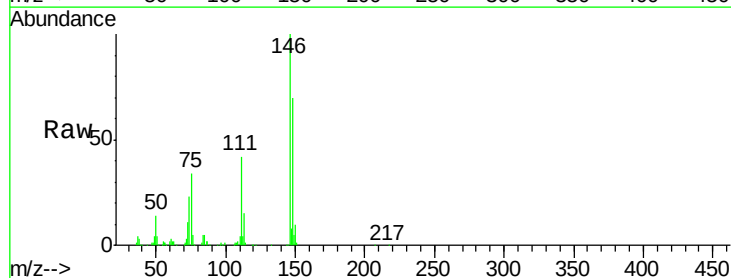
Instrument :
 BNA_G
 ClientSampleId :

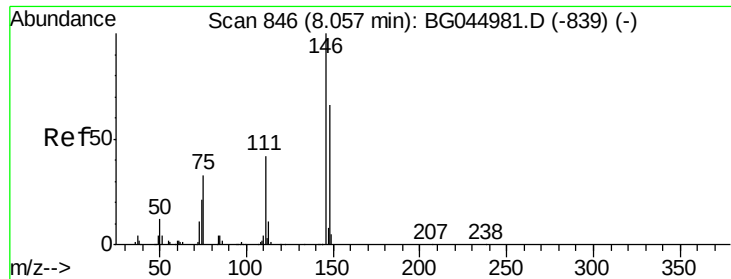
Tot Ion	93	Resp	155929
Ion Ratio	Lower	Upper	
93	100		
63	71.7	51.8	91.8
95	31.4	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 36.283 ng
 RT: 7.86 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	146	Resp	176425
Ion Ratio	Lower	Upper	
146	100		
148	69.9	54.6	81.8
75	34.1	26.0	39.0

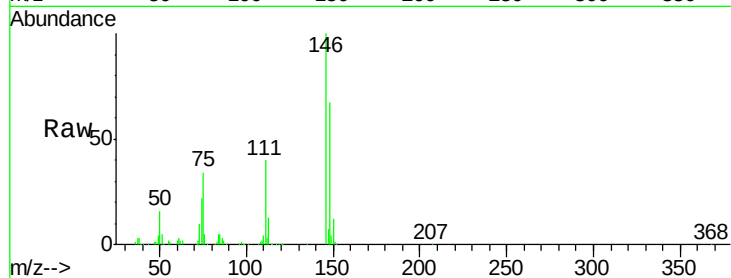




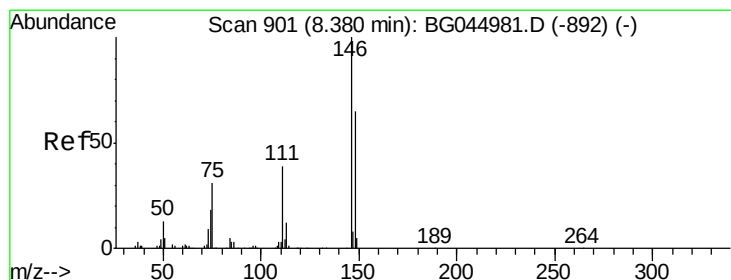
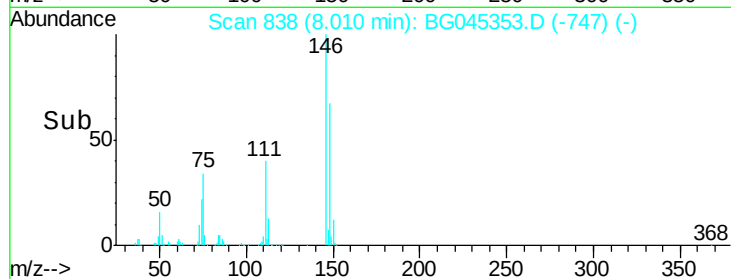
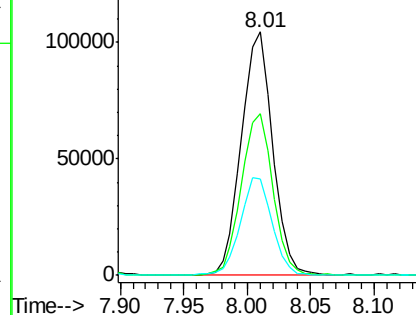
#13
 1,4-Dichlorobenzene
 Concen: 37.089 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 179700
 Ion Ratio Lower Upper
 146 100
 148 66.5 53.3 79.9
 111 39.7 33.8 50.8

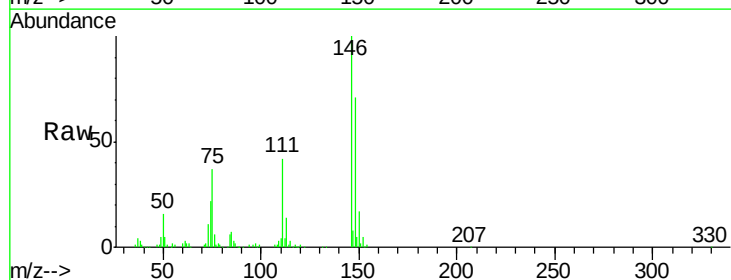


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

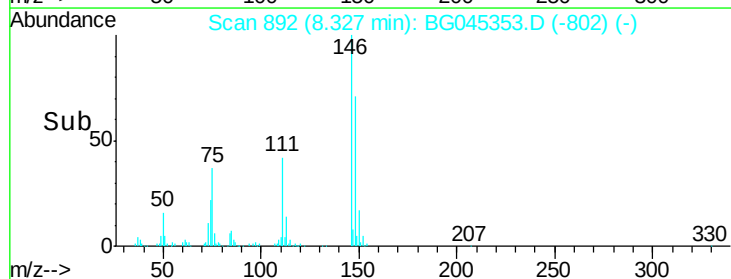
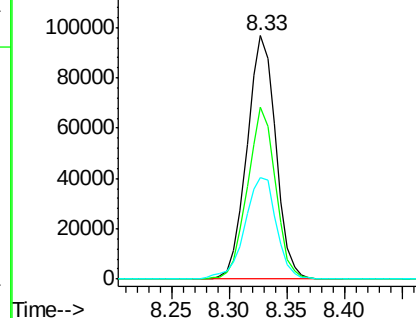


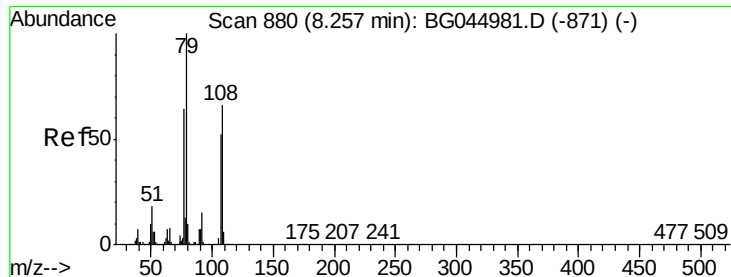
#14
 1,2-Dichlorobenzene
 Concen: 36.038 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion:146 Resp: 167047
 Ion Ratio Lower Upper
 146 100
 148 70.8 51.9 77.9
 111 41.9 31.3 46.9



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

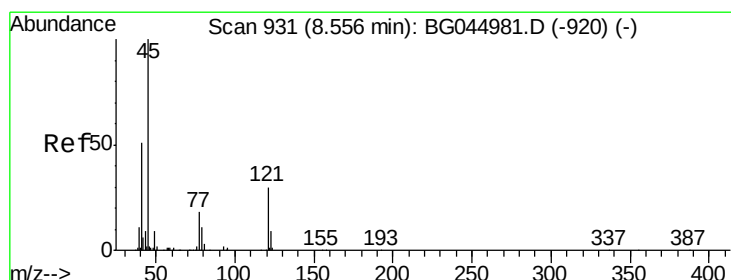
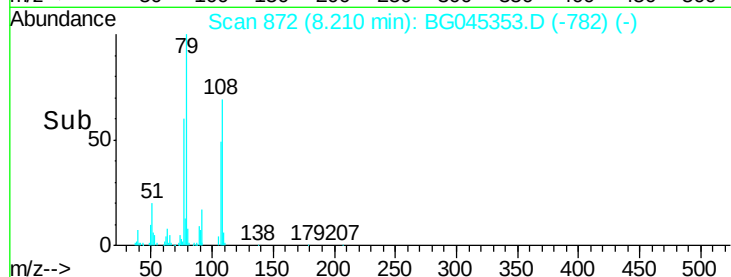
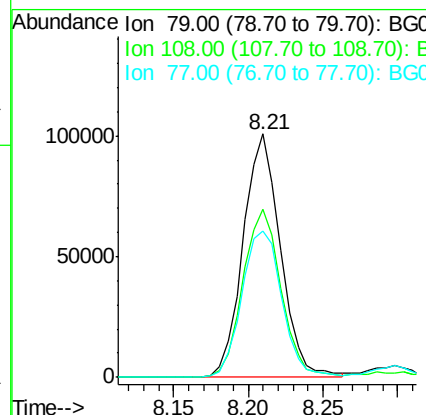
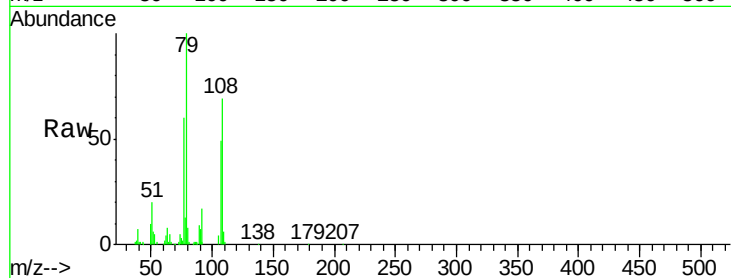




#15
Benzyl Alcohol
Concen: 36.377 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

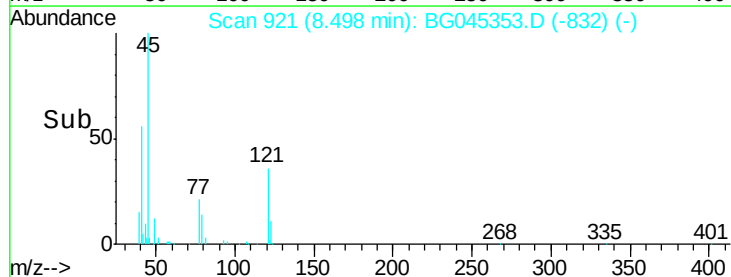
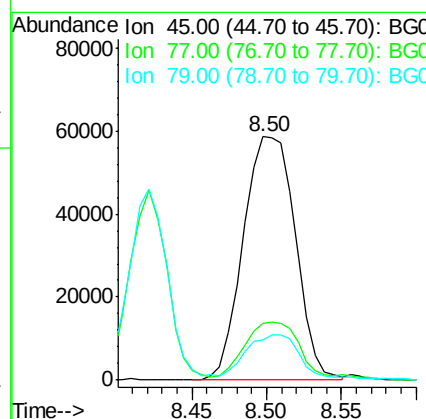
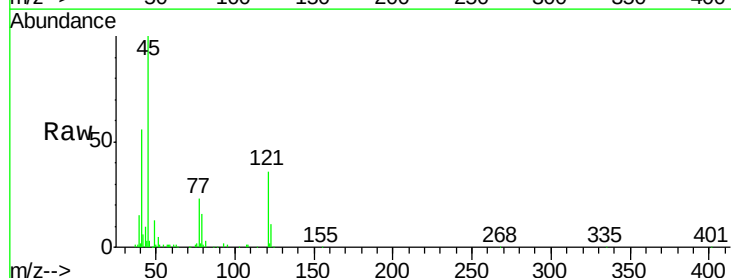
Instrument :
BNA_G
ClientSampleId :

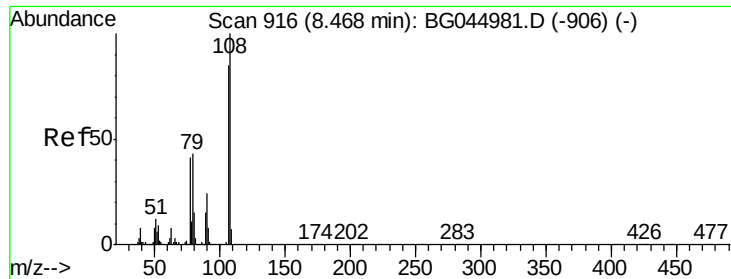
Tot Ion: 79 Resp: 173981
Ion Ratio Lower Upper
79 100
108 69.0 52.7 79.1
77 60.3 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.705 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion: 45 Resp: 141447
Ion Ratio Lower Upper
45 100
77 23.2 1.9 41.9
79 16.4 0.0 35.5





#17

2-Methylphenol

Concen: 35.070 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 154460

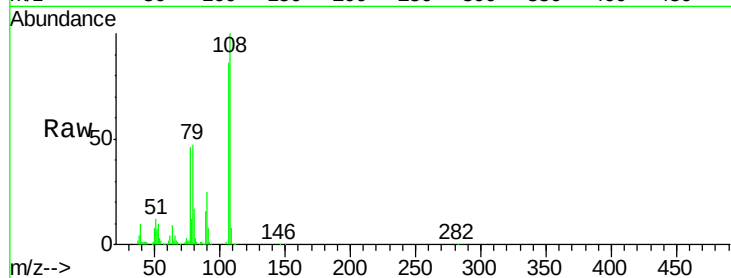
Ion Ratio Lower Upper

107 100

108 116.7 93.8 140.6

77 54.1 38.5 57.7

79 54.4 40.1 60.1

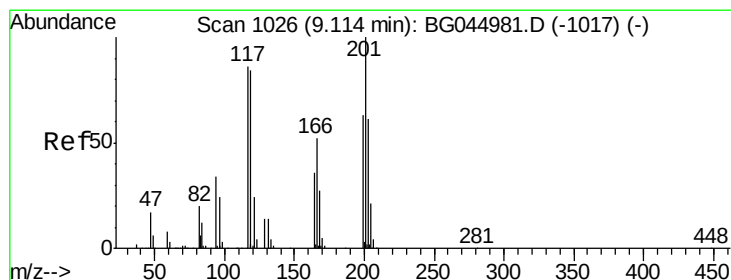
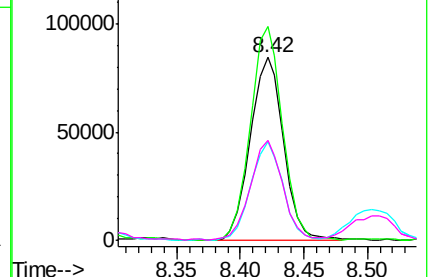
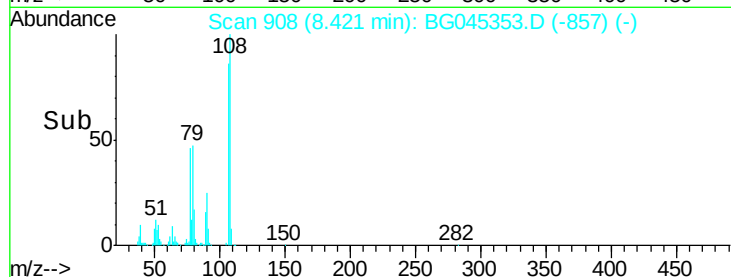


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.544 ng

RT: 9.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

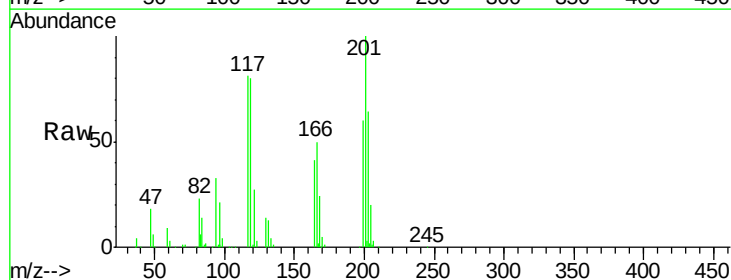
Tgt Ion:117 Resp: 70205

Ion Ratio Lower Upper

117 100

119 97.9 78.3 117.5

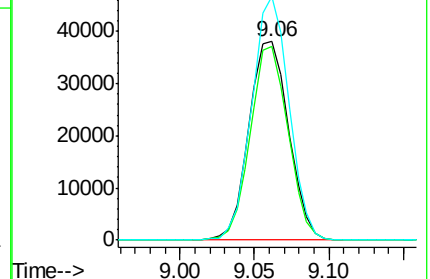
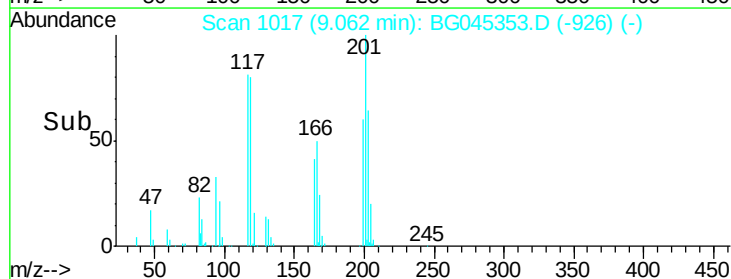
201 122.7 92.9 139.3

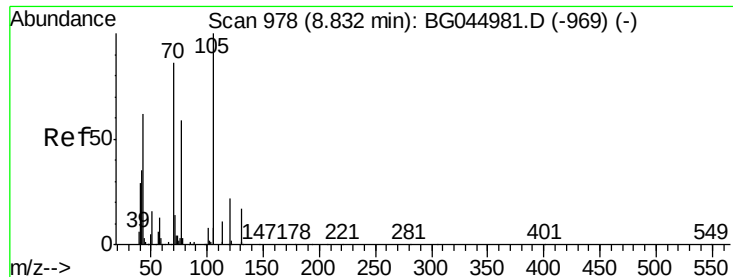


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.921 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 140881

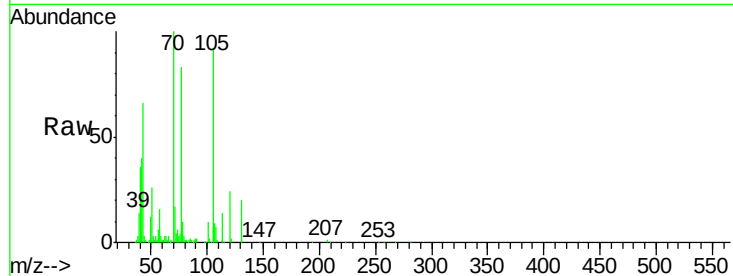
Ion Ratio Lower Upper

70 100

42 39.8 33.3 49.9

101 9.6 7.8 11.8

130 19.6 15.8 23.6

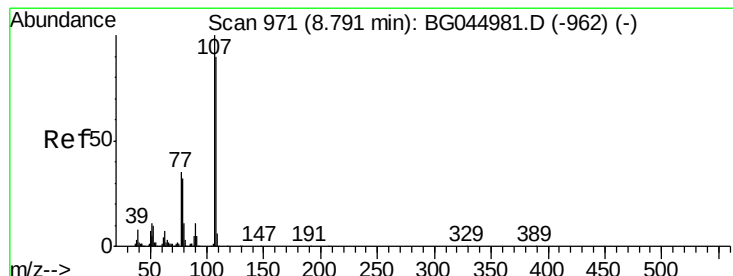
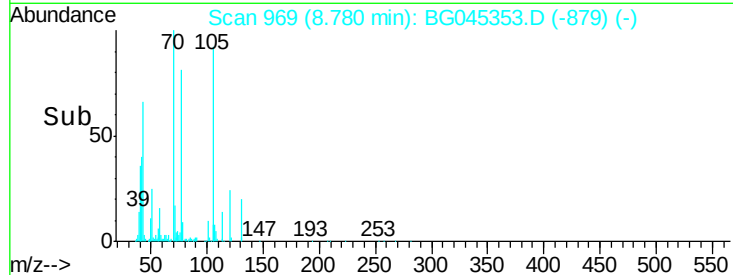
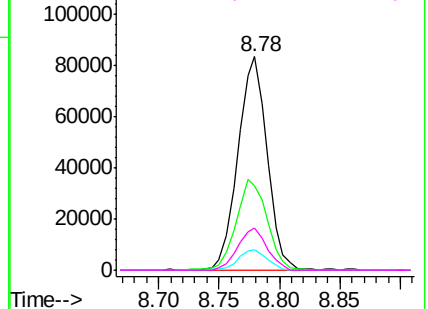


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 35.017 ng

RT: 8.75 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:107 Resp: 215872

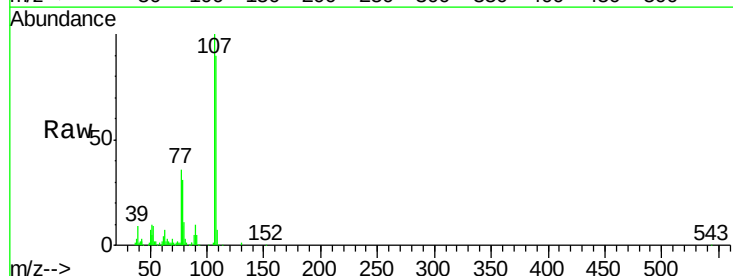
Ion Ratio Lower Upper

107 100

108 89.5 69.9 109.9

77 36.0 15.2 55.2

79 30.5 11.6 51.6

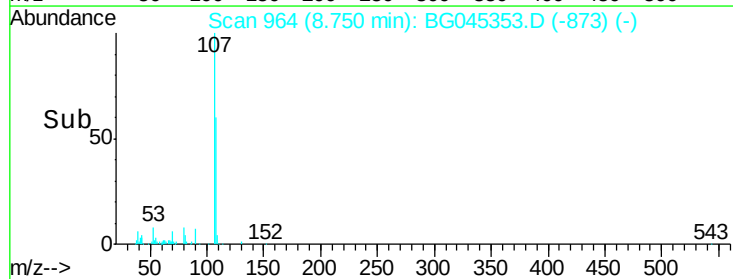
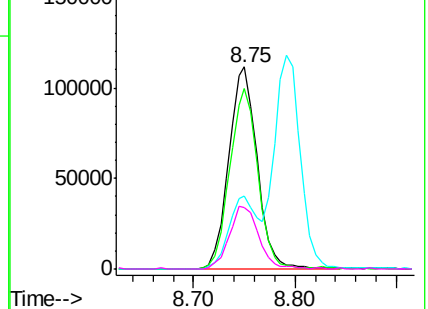


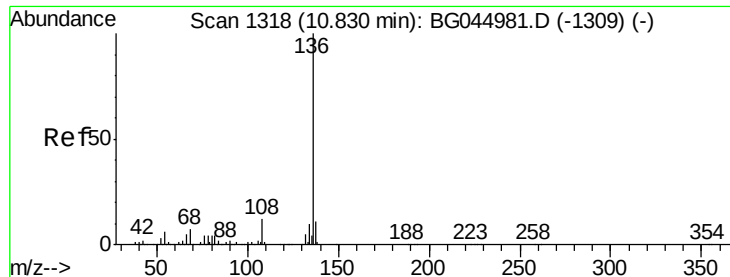
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

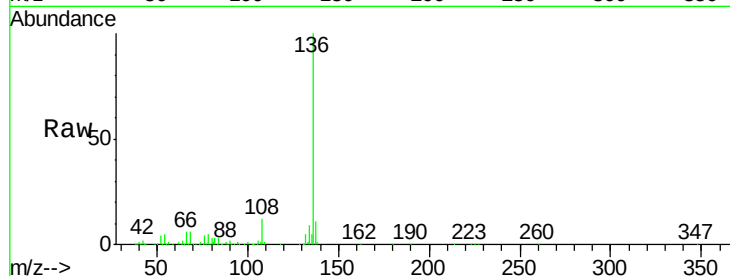




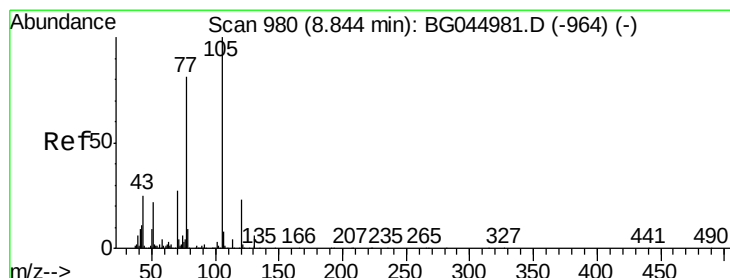
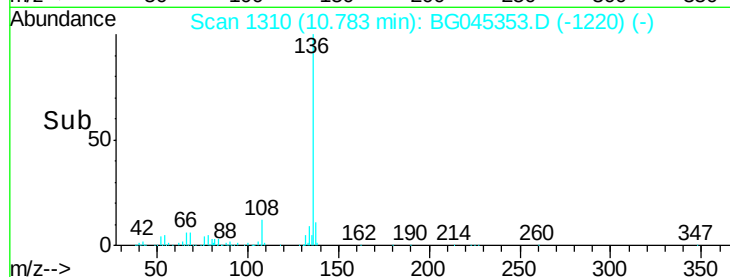
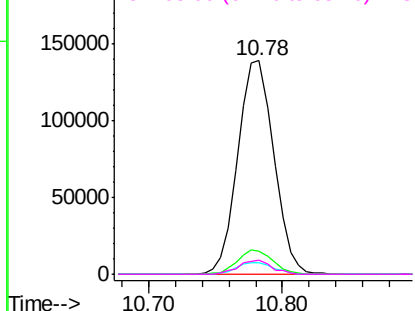
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	259601
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.6 13.0
54	5.4	4.8 7.2
68	6.3	5.2 7.8

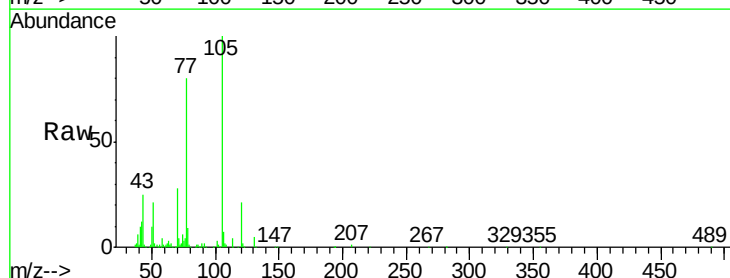


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

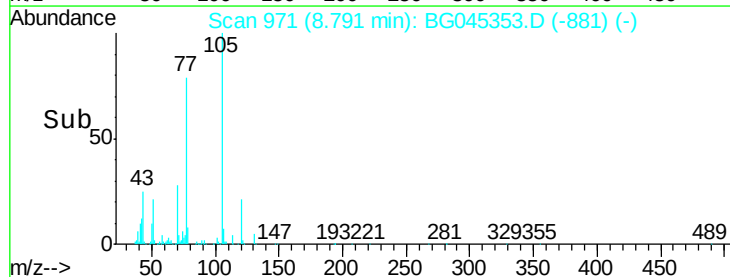
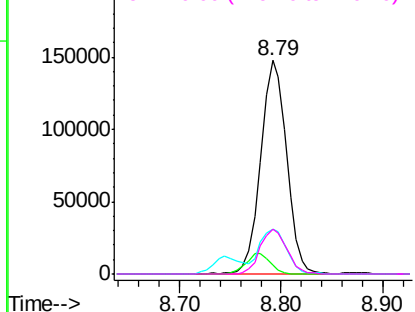


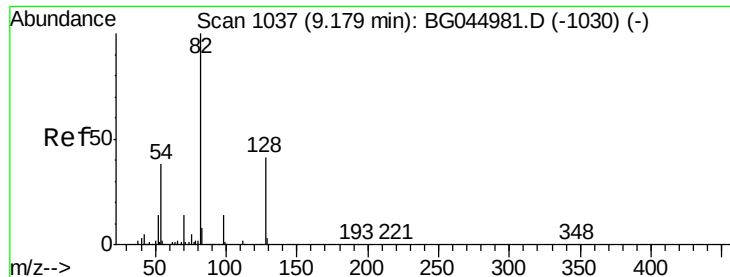
#22
Acetophenone
Concen: 37.457 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:105	Resp:	262960
Ion Ratio	Lower	Upper
105	100	
71	4.0	3.3 4.9
51	21.3	17.3 25.9
120	20.9	18.4 27.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

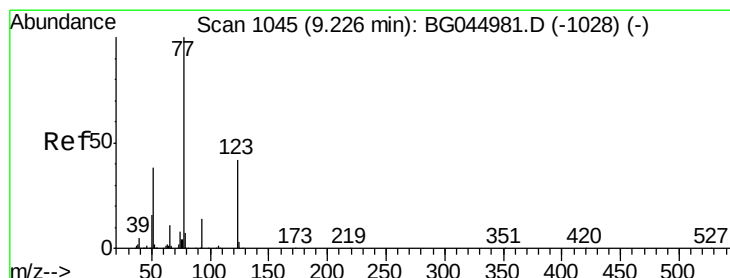
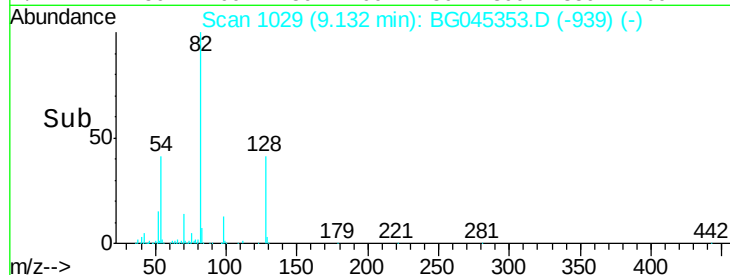
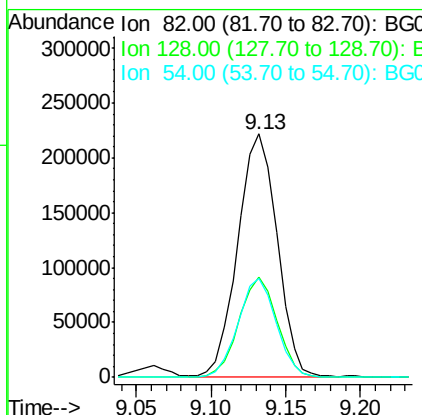
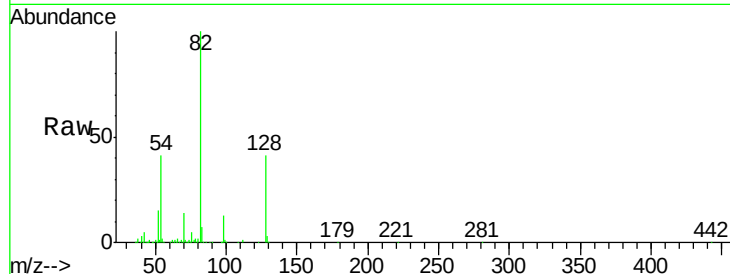




#23
 Nitrobenzene-d5
 Concen: 71.229 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

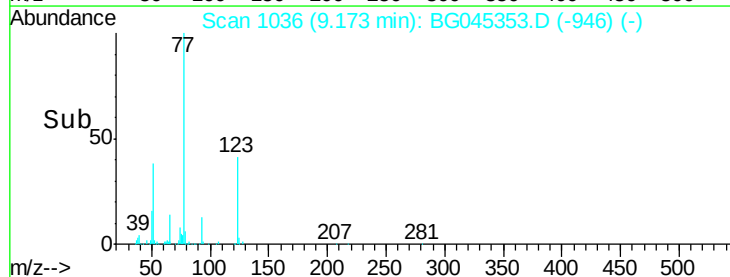
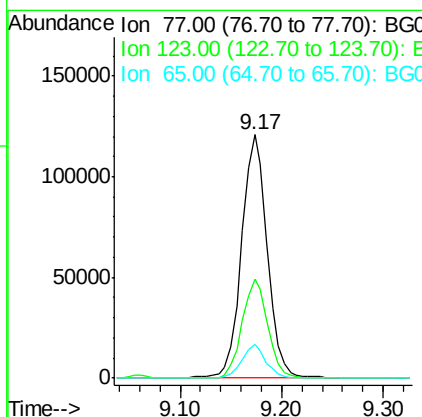
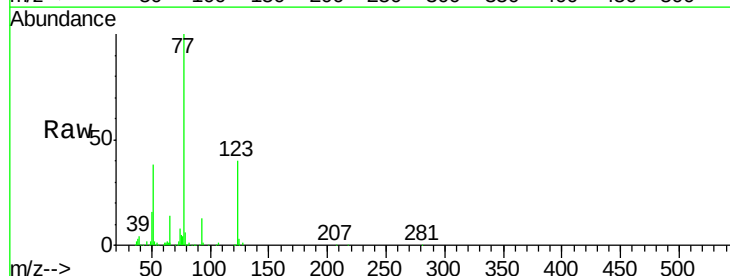
Instrument :
 BNA_G
 ClientSampleId :

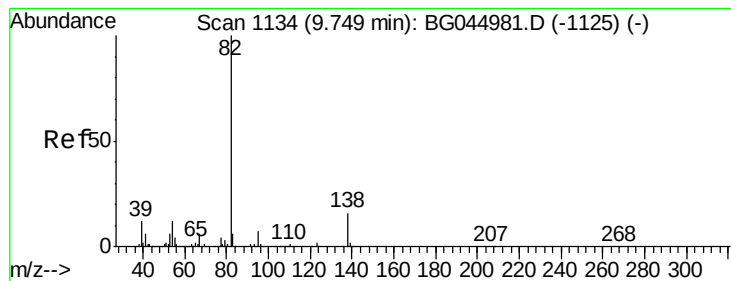
Tot Ion	82	Resp	405251
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	40.9	30.4	45.6



#24
 Nitrobenzene
 Concen: 35.998 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	77	Resp	209934
Ion	Ratio	Lower	Upper
77	100		
123	40.5	34.3	51.5
65	13.8	8.9	13.3





#25

Isophorone

Concen: 33.989 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampled :

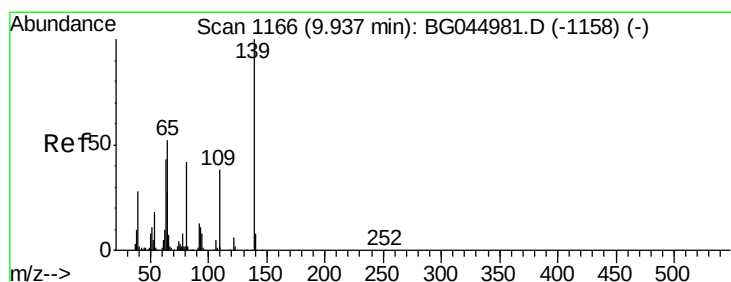
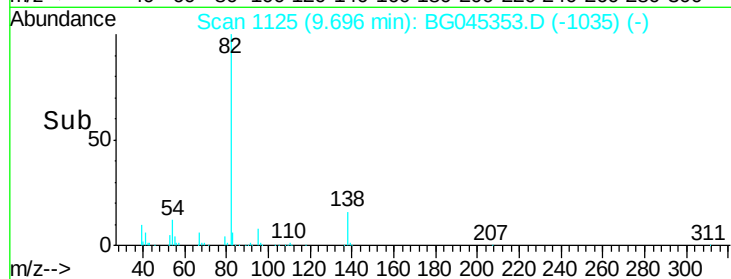
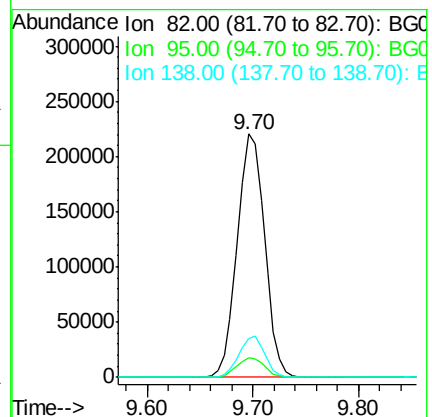
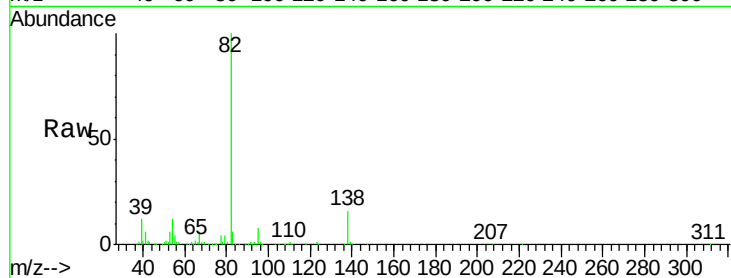
Tot Ion: 82 Resp: 396011

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

138 16.1 12.7 19.1



#26

2-Nitrophenol

Concen: 38.911 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

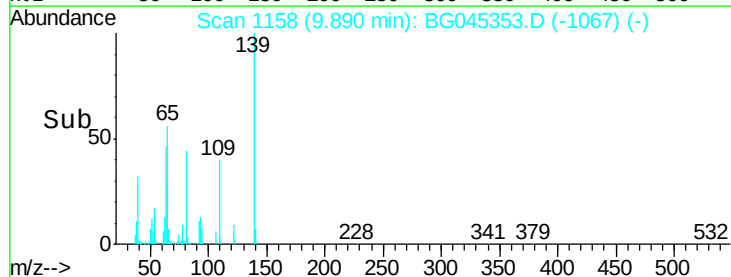
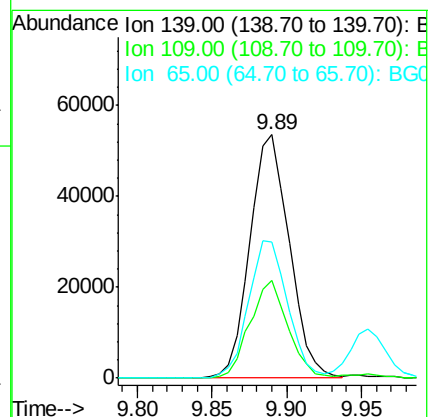
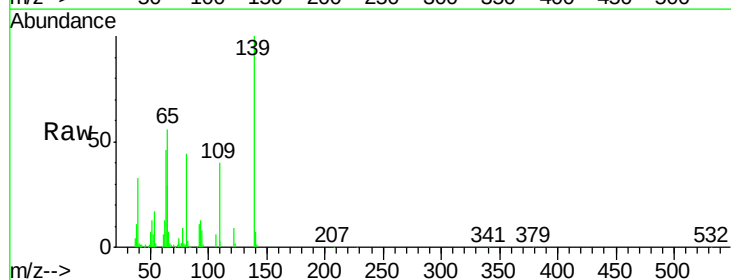
Tgt Ion: 139 Resp: 97747

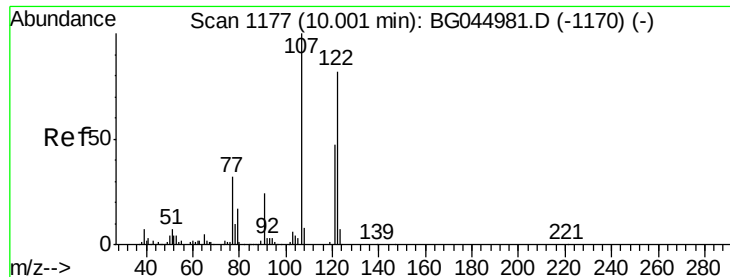
Ion Ratio Lower Upper

139 100

109 40.1 30.6 45.8

65 55.9 41.8 62.6

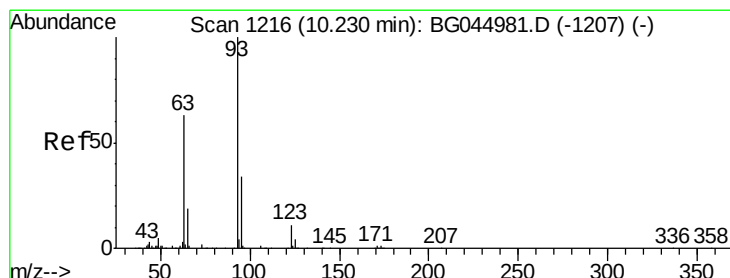
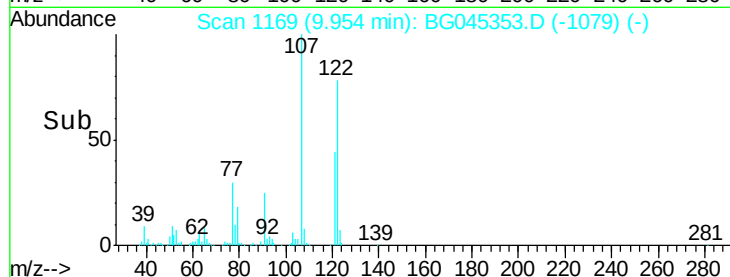
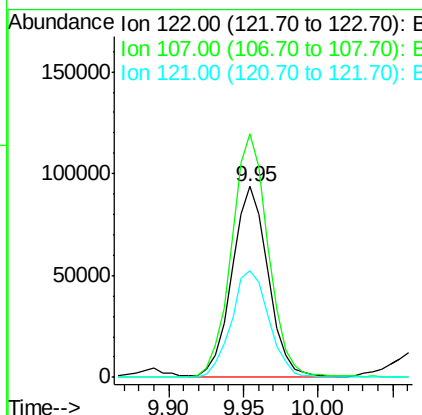
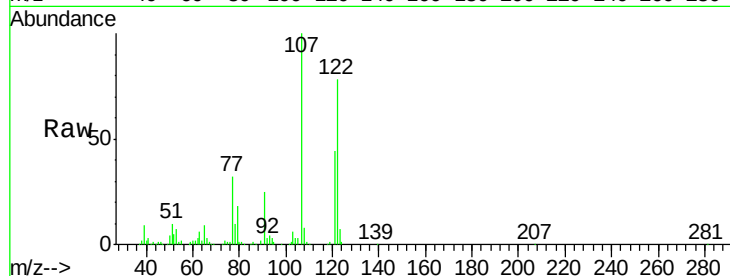




#27
 2,4-Dimethylphenol
 Concen: 39.258 ng
 RT: 9.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

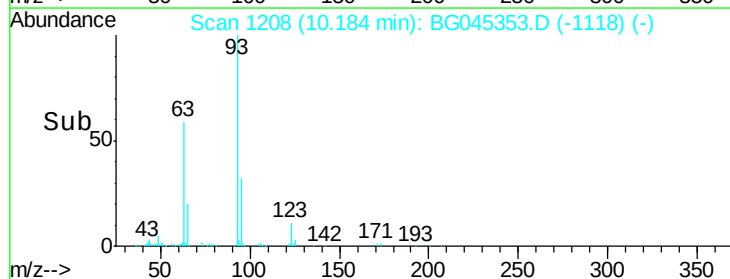
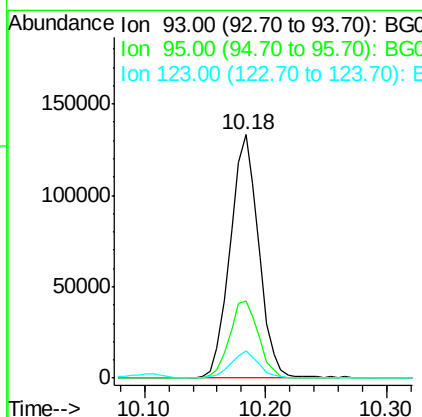
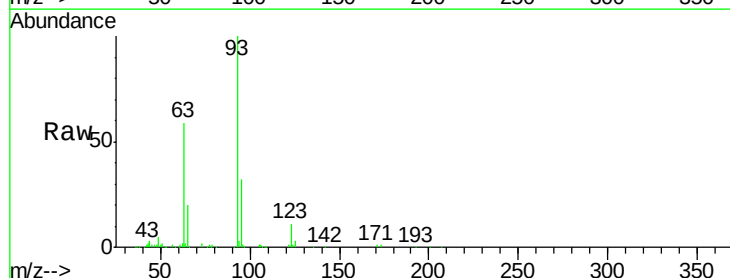
Instrument :
 BNA_G
 ClientSampleId :

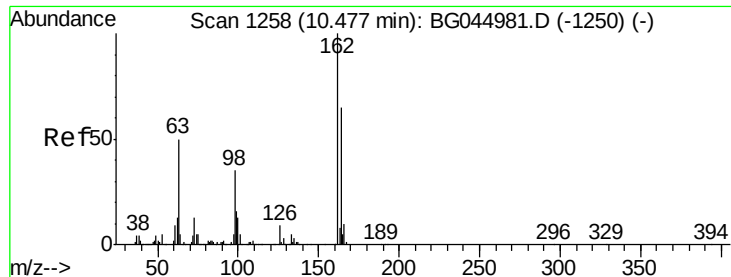
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.5	96.8	145.2
121	55.9	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.888 ng
 RT: 10.18 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.0	40.4
123	11.4	8.7	13.1

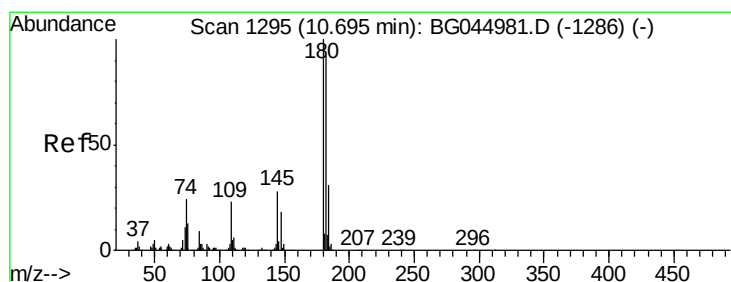
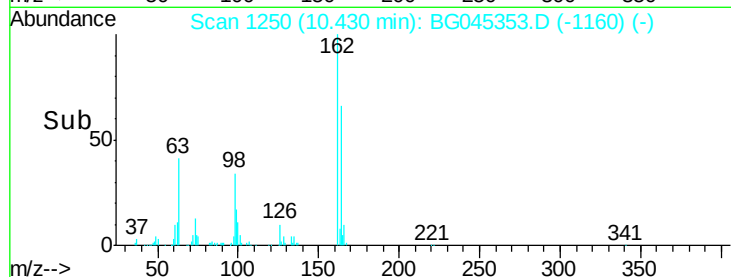
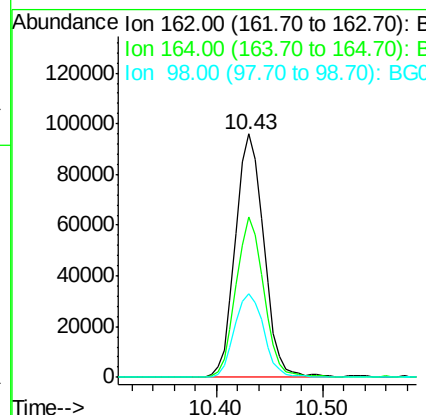
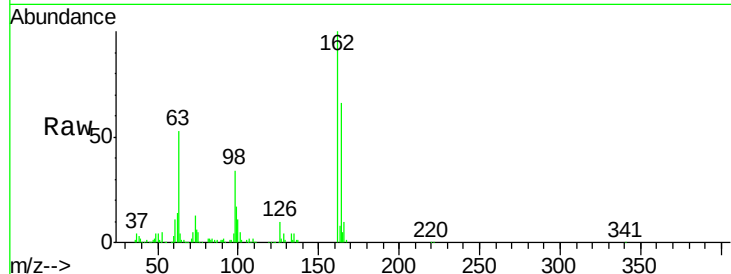




#29
 2,4-Dichlorophenol
 Concen: 38.847 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

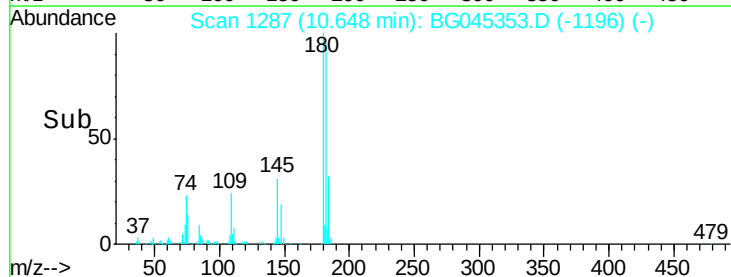
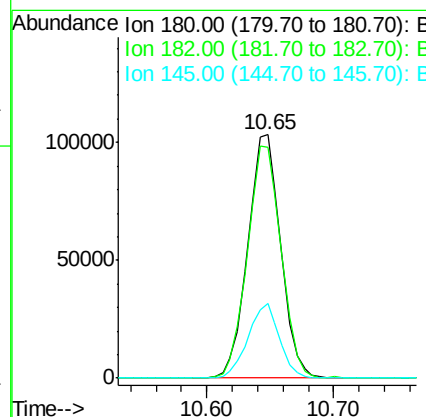
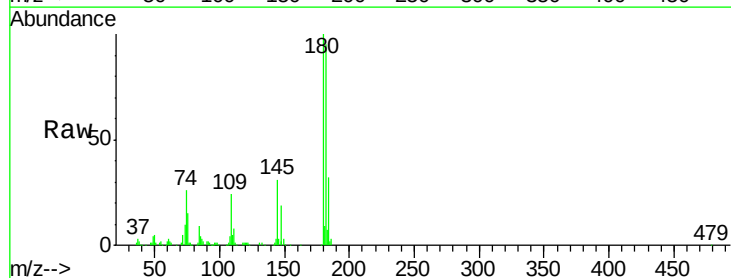
Instrument :
 BNA_G
 ClientSampleId :

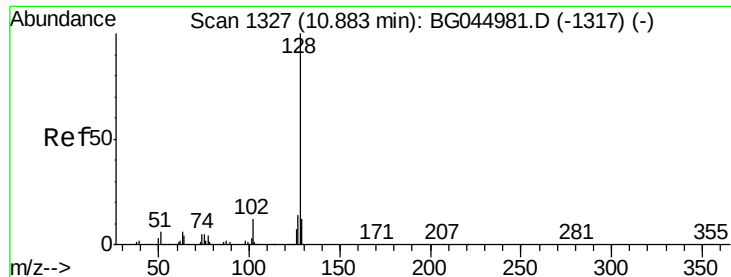
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.0	85.0
98	34.4	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 35.803 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	73.3	109.9
145	30.5	22.6	33.8

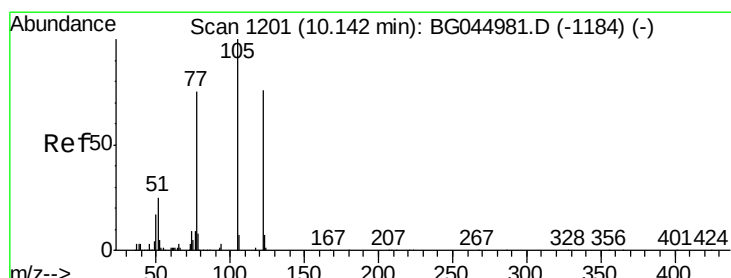
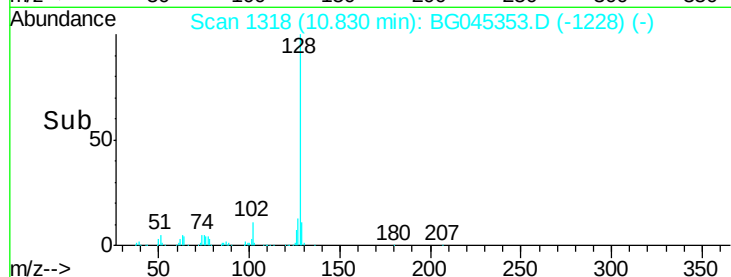
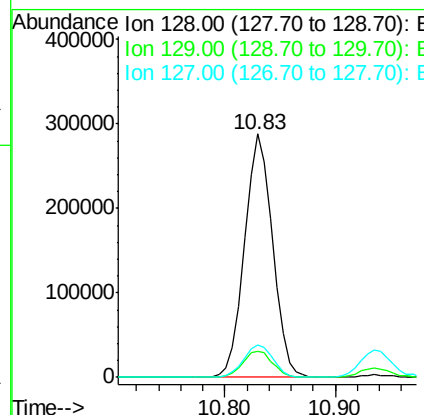
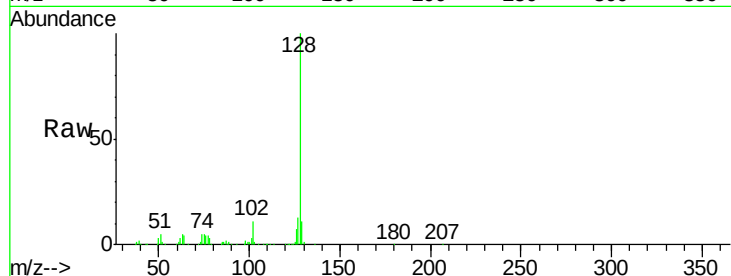




#31
Naphthalene
Concen: 36.346 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

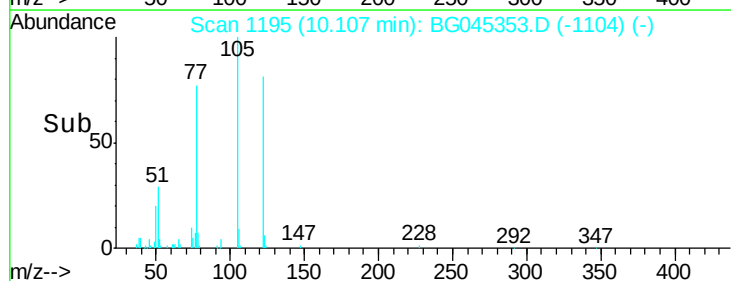
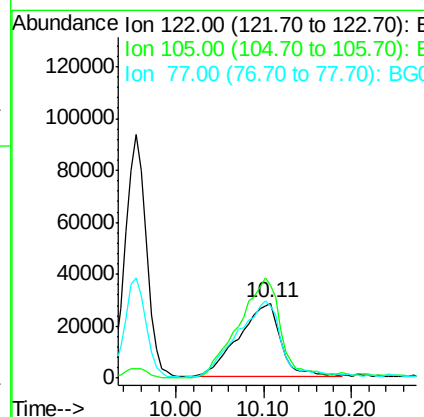
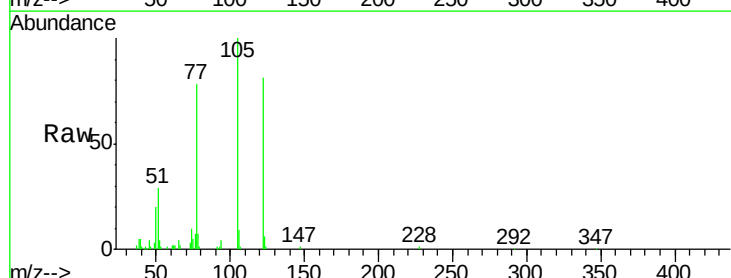
Instrument :
BNA_G
ClientSampleId :

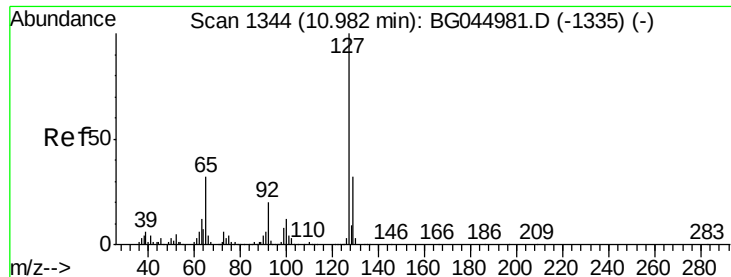
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	13.3	10.8	16.2



#32
Benzoic acid
Concen: 31.972 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	108.4	148.4
77	96.5	78.8	118.8

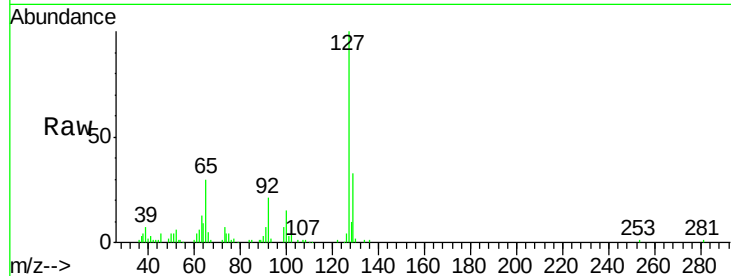




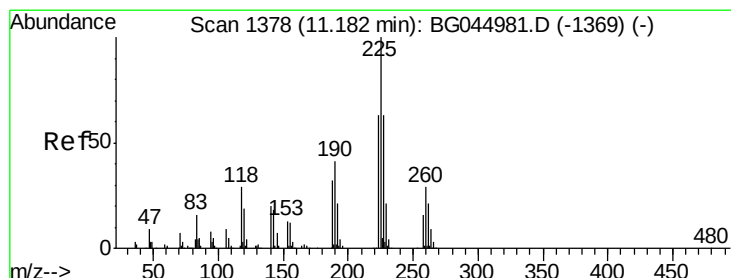
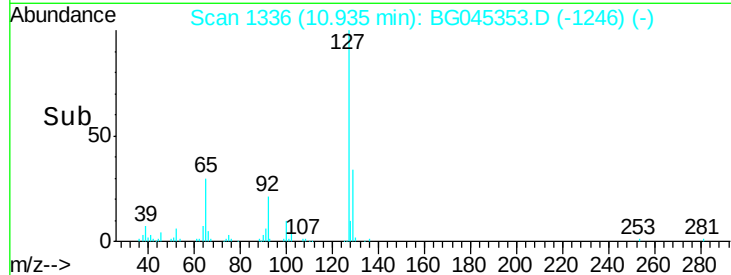
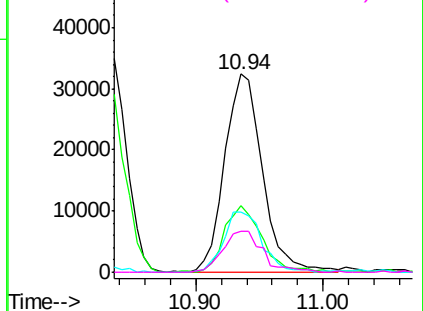
#33
4-Chloroaniline
Concen: 10.094 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	66850
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.7	38.5
65	30.4	25.4	38.2
92	21.0	16.1	24.1

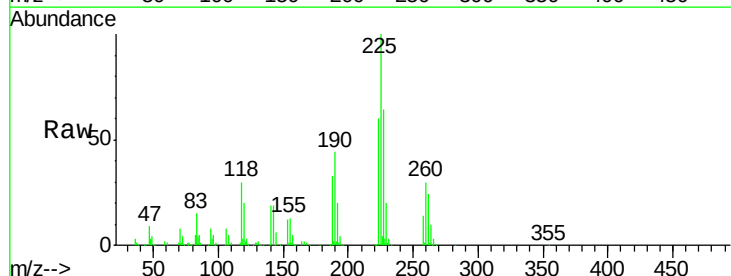


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

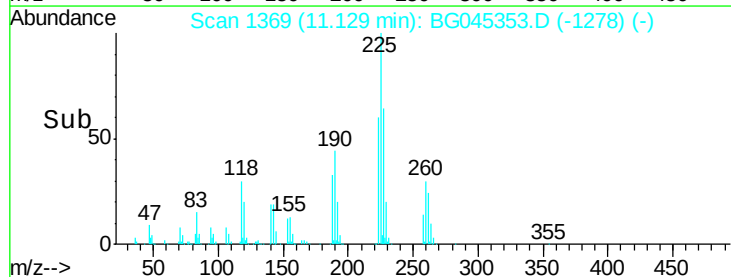
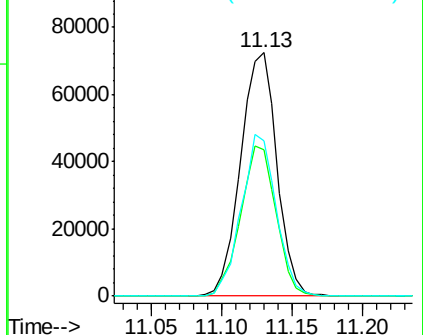


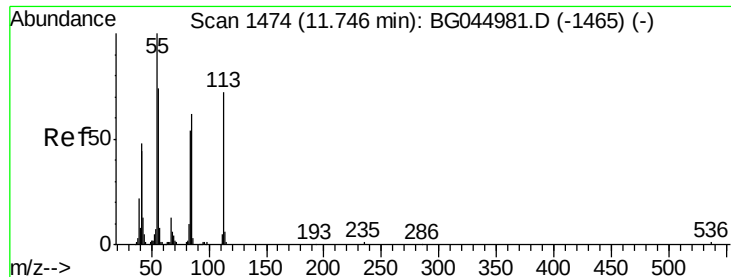
#34
Hexachlorobutadiene
Concen: 36.468 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:	225	Resp:	130290
Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.7	76.1
227	63.6	50.2	75.2



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

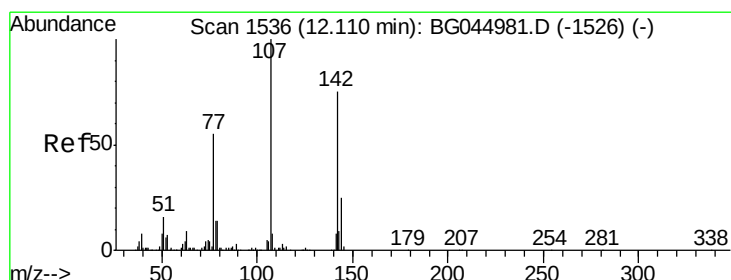
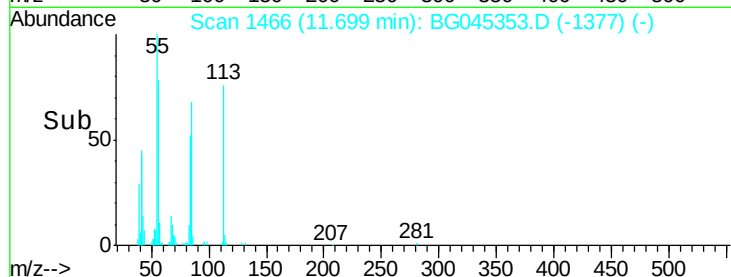
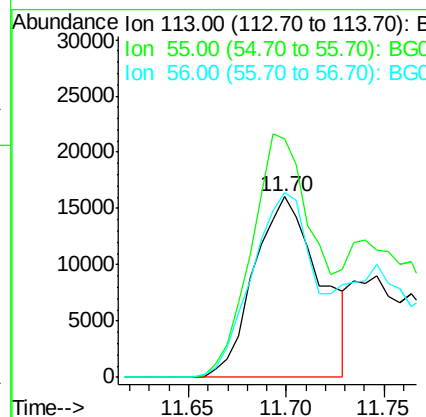
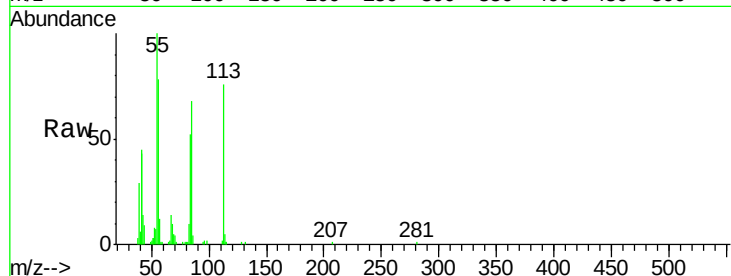




#35
Caprolactam
Concen: 20.450 ng
RT: 11.70 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

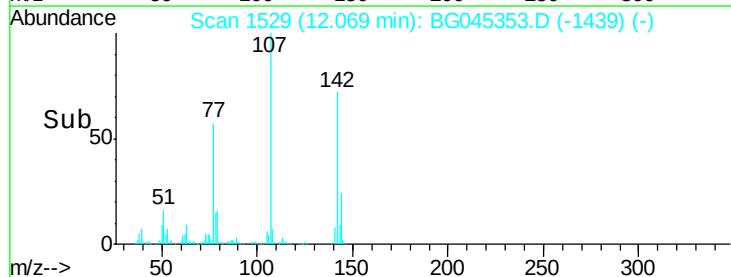
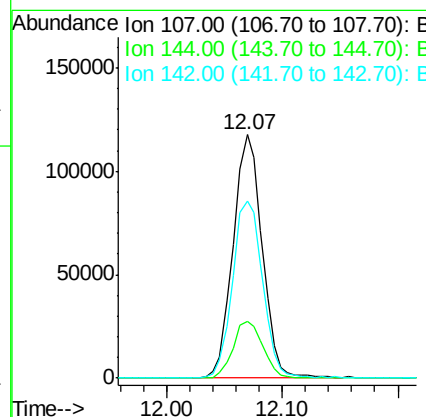
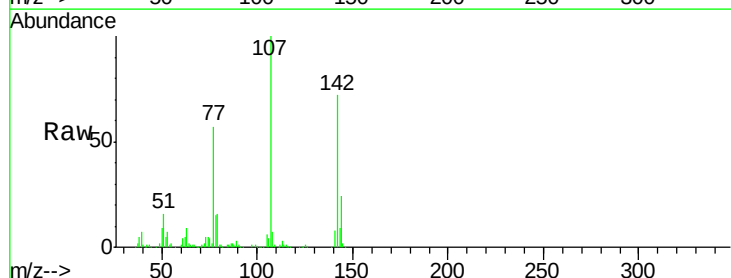
Instrument :
BNA_G
ClientSampleId :

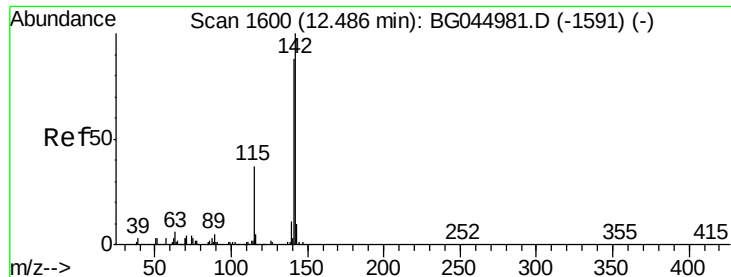
Tot Ion:113 Resp: 37460
Ion Ratio Lower Upper
113 100
55 131.7 118.8 158.8
56 102.2 82.6 122.6



#36
4-Chloro-3-methylphenol
Concen: 37.994 ng
RT: 12.07 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:107 Resp: 205423
Ion Ratio Lower Upper
107 100
144 23.6 19.8 29.6
142 72.5 59.7 89.5

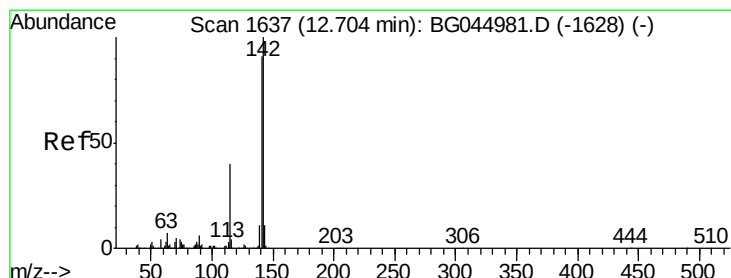
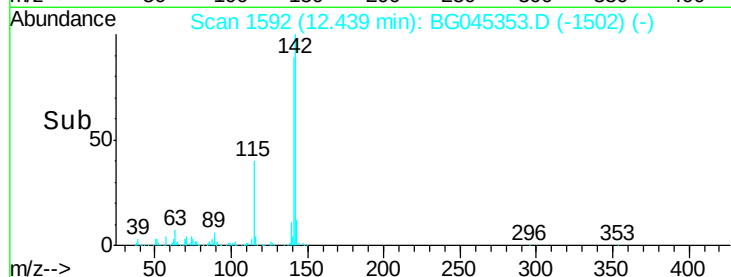
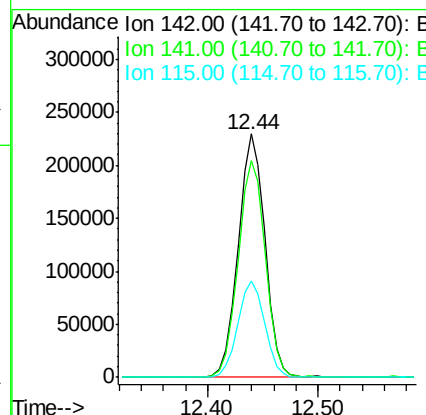
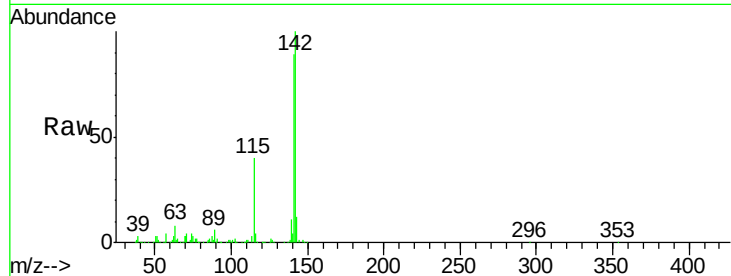




#37
 2-Methylnaphthalene
 Concen: 35.563 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

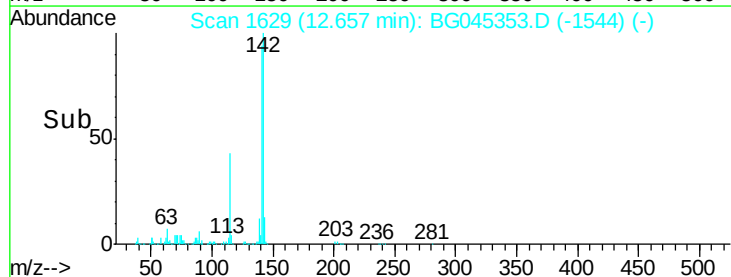
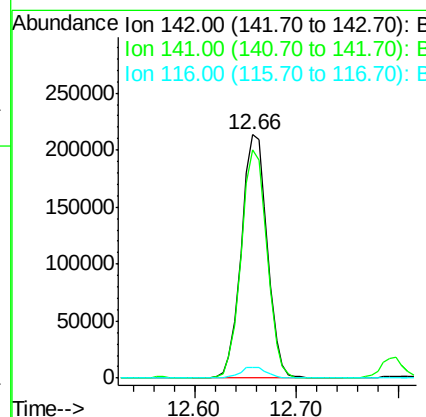
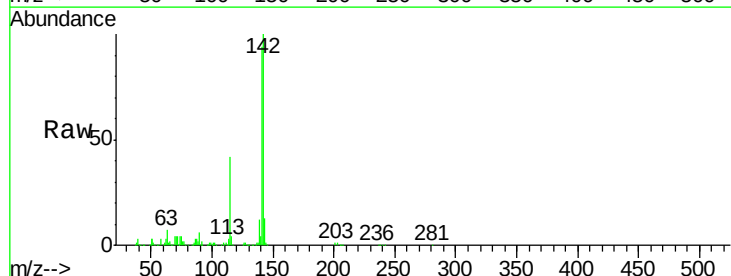
Instrument :
 BNA_G
 ClientSampleId :

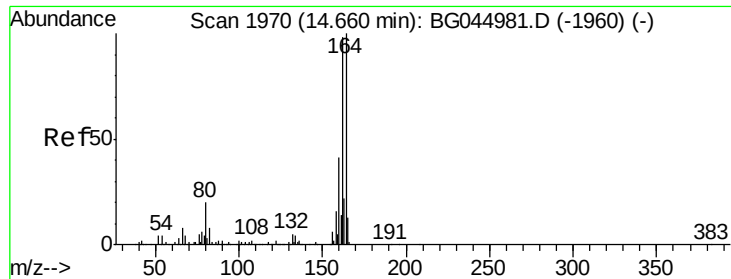
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	39.8	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 36.073 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.7	109.1
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

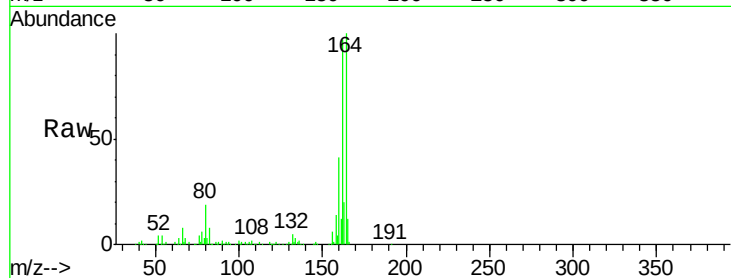
Tot Ion:164 Resp: 192052

Ion Ratio Lower Upper

164 100

162 97.5 78.7 118.1

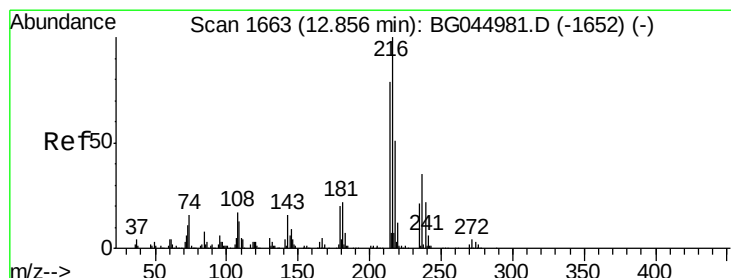
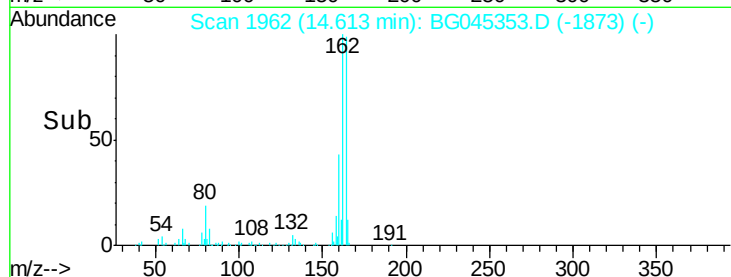
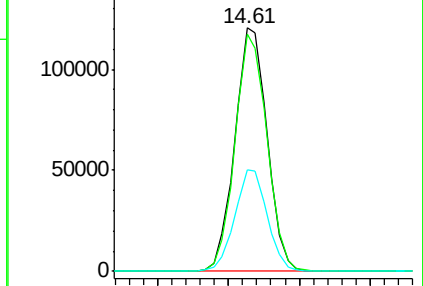
160 41.5 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.049 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:216 Resp: 216728

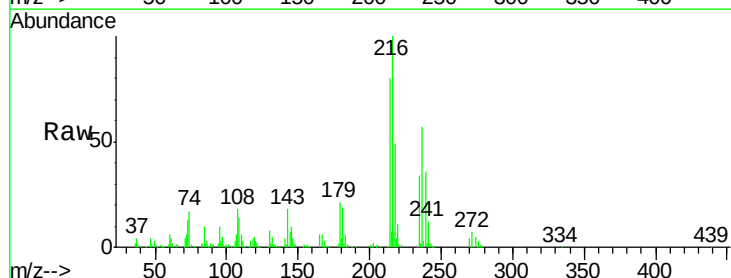
Ion Ratio Lower Upper

216 100

214 80.6 63.0 94.6

179 20.0 15.8 23.8

108 20.0 14.2 21.2

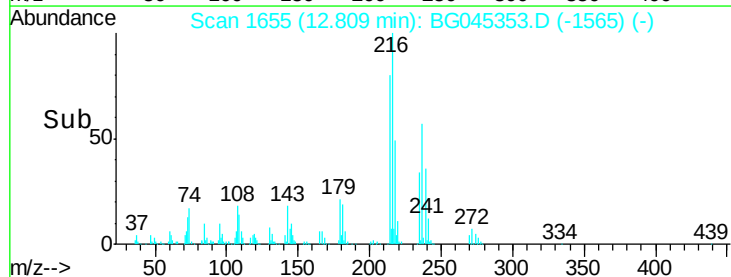
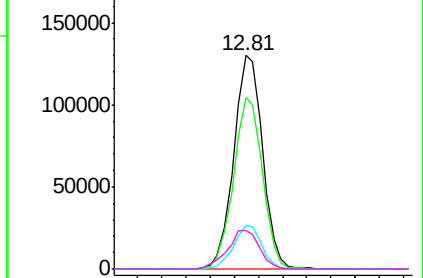


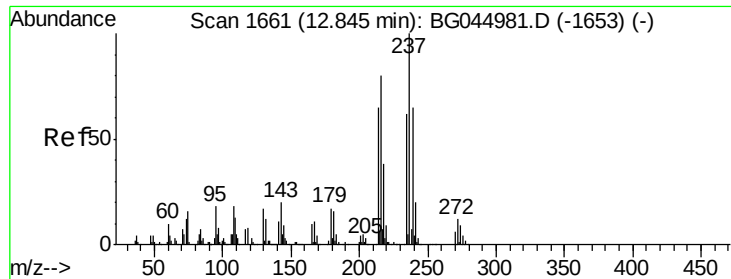
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

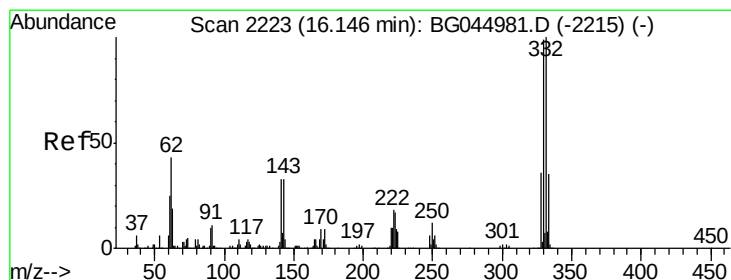
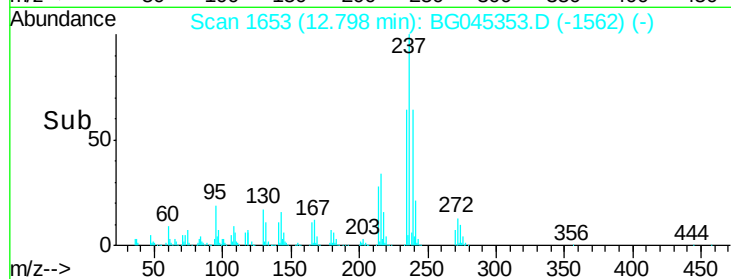
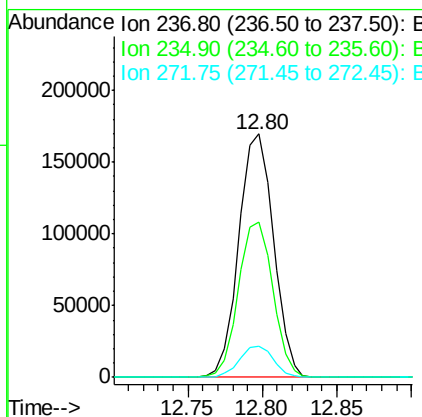
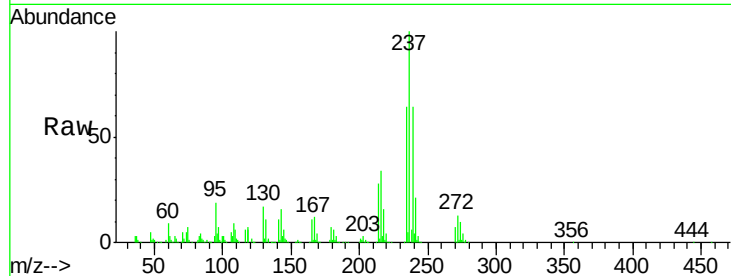




#41
 Hexachlorocyclopentadiene
 Concen: 70.939 ng
 RT: 12.80 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

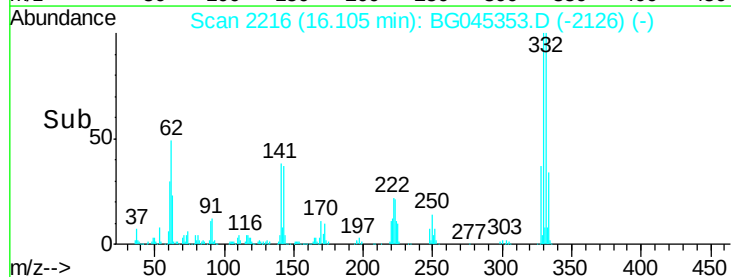
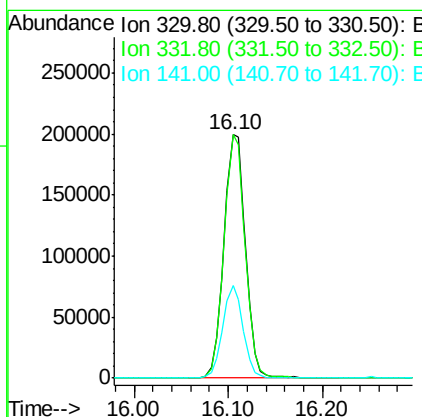
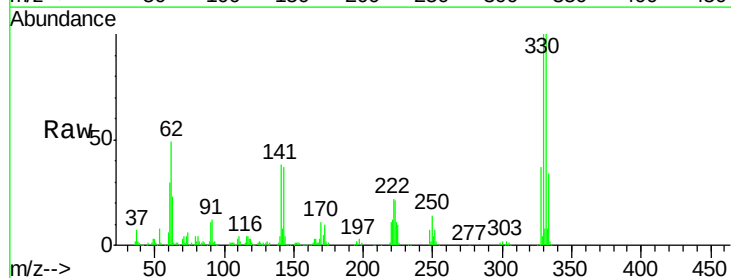
Instrument :
 BNA_G
 ClientSampleId :

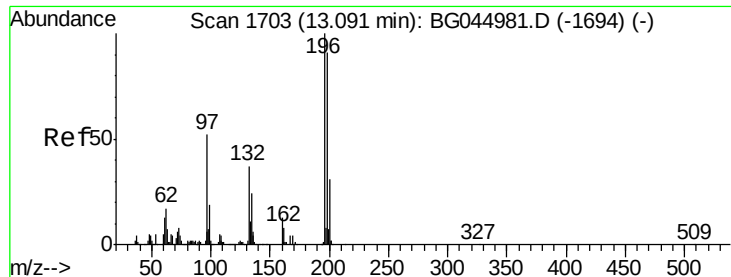
Tot Ion:	237	Resp:	274167
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.6	81.6
272	12.7	0.0	32.1



#42
 2,4,6-Tribromophenol
 Concen: 107.298 ng
 RT: 16.10 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion:	330	Resp:	318349
Ion Ratio	Lower	Upper	
330	100		
332	97.8	79.1	118.7
141	35.9	27.1	40.7

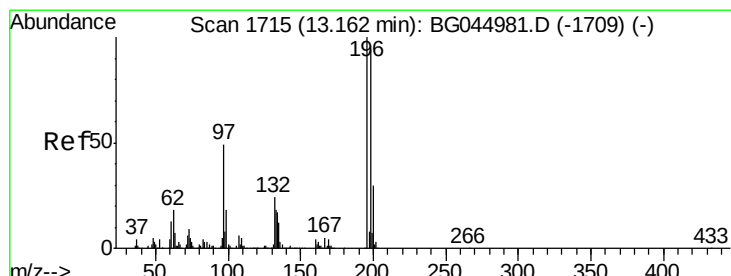
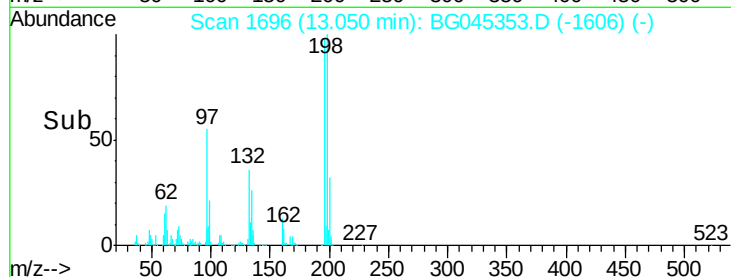
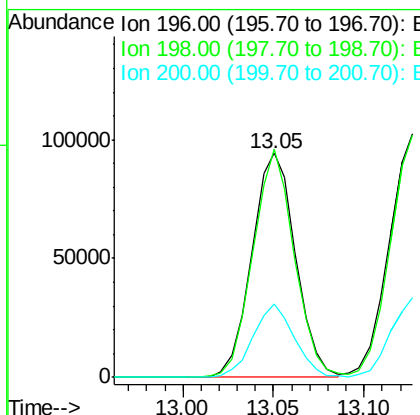
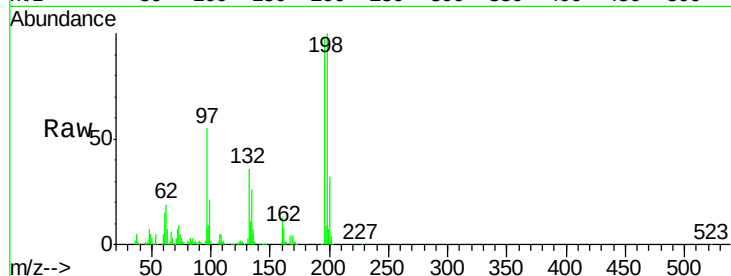




#43
 2,4,6-Trichlorophenol
 Concen: 36.266 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

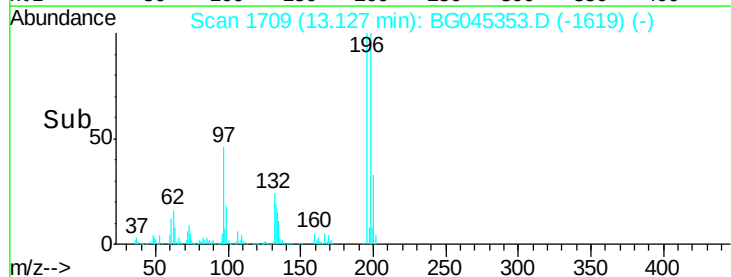
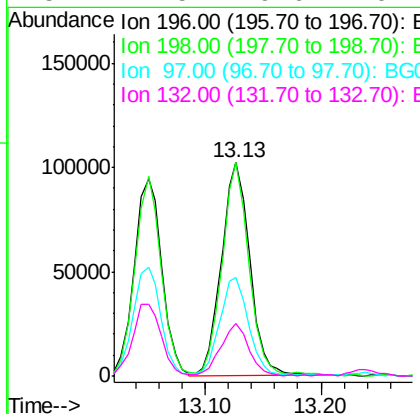
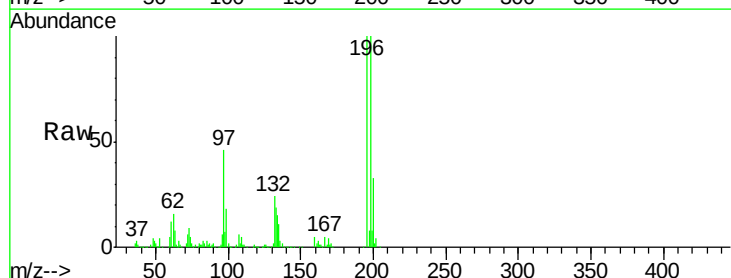
Instrument :
 BNA_G
 ClientSampleId :

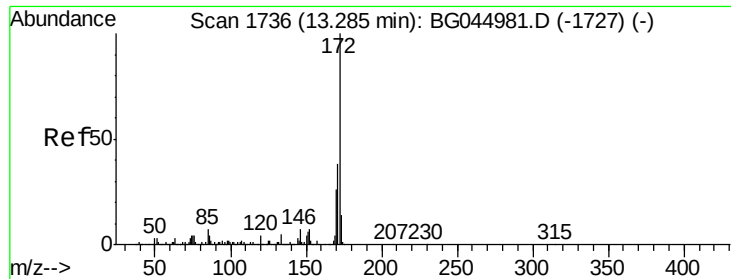
Tot Ion	196	Resp	158270
Ion Ratio	Lower	Upper	
196	100		
198	101.6	72.5	108.7
200	32.6	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 35.065 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	196	Resp	174189
Ion Ratio	Lower	Upper	
196	100		
198	99.8	75.7	113.5
97	46.2	39.6	59.4
132	24.5	19.6	29.4

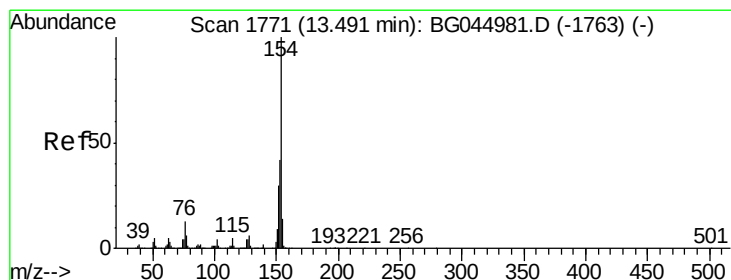
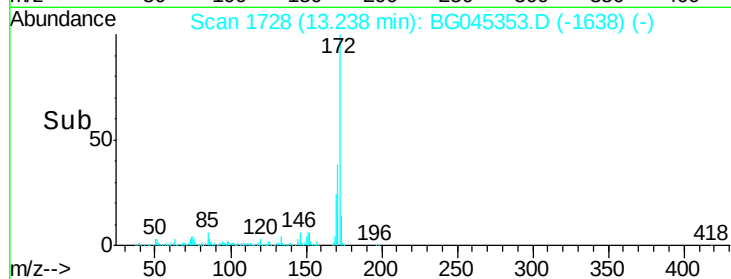
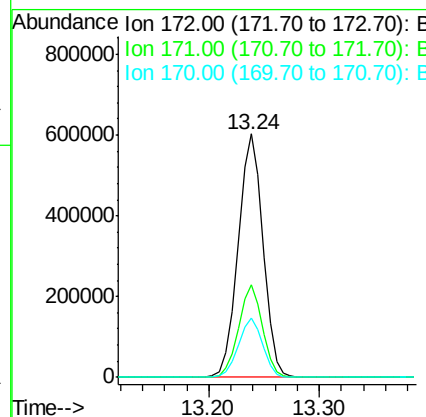
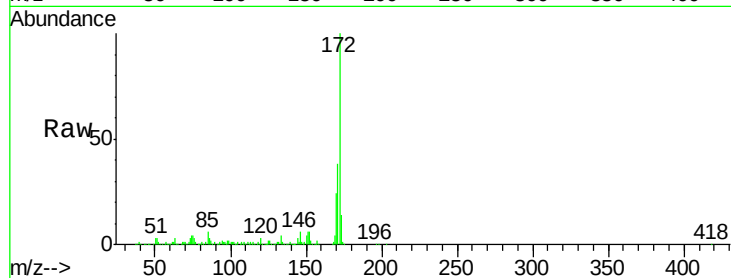




#45
2-Fluorobiphenyl
Concen: 72.549 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

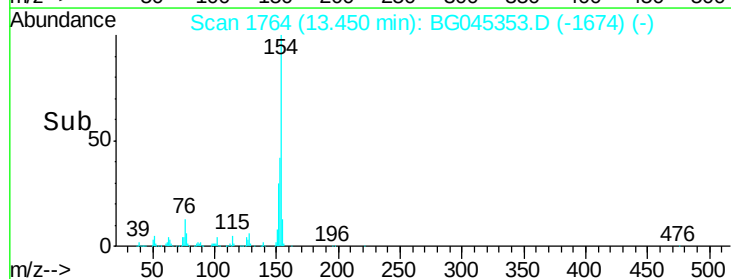
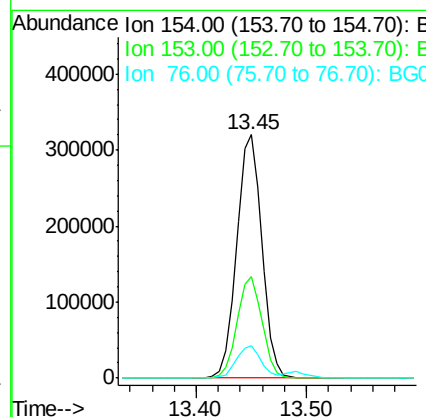
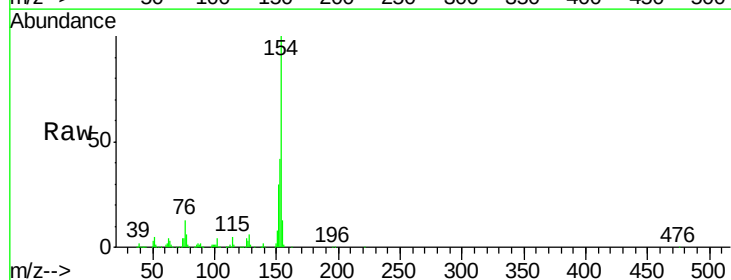
Instrument :
BNA_G
ClientSampleId :

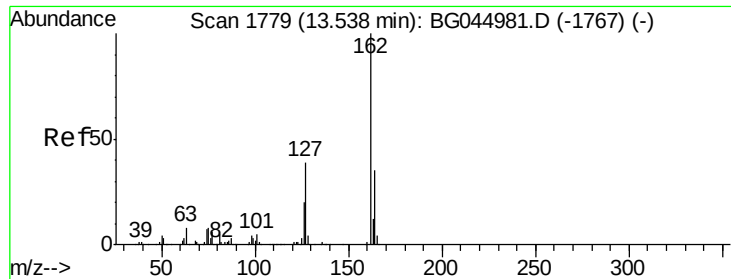
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.4	20.5	30.7



#46
1,1'-Biphenyl
Concen: 35.111 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.9	61.9
76	13.1	0.0	33.1





#47

2-Chloronaphthalene

Concen: 34.927 ng

RT: 13.49 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampled :

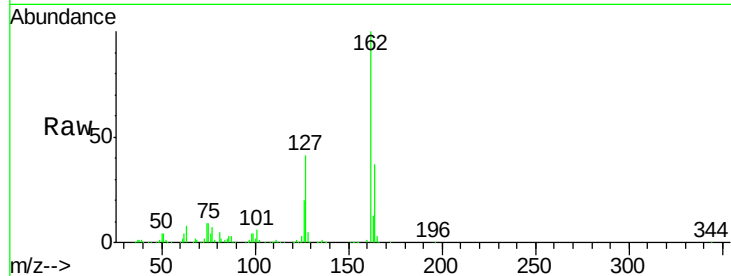
Tot Ion:162 Resp: 389571

Ion Ratio Lower Upper

162 100

127 41.3 31.3 46.9

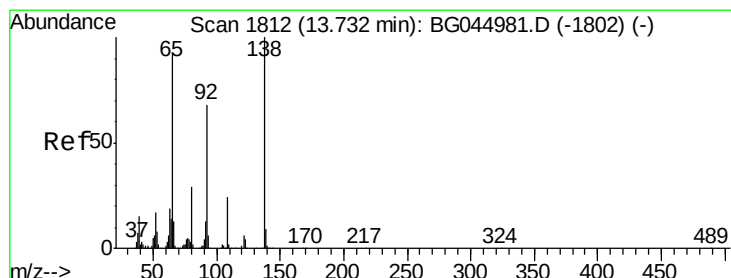
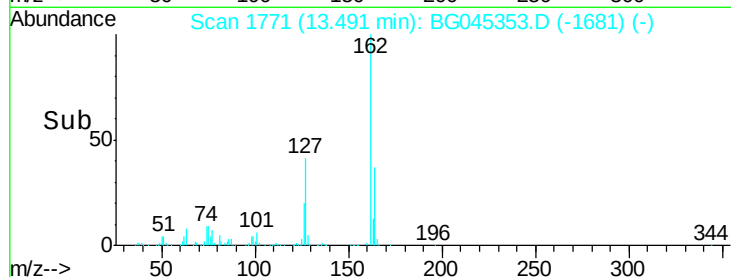
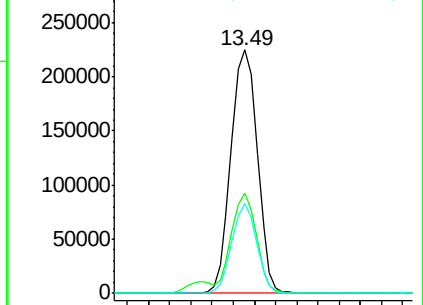
164 37.1 27.8 41.8



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: 35.444 ng

RT: 13.68 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

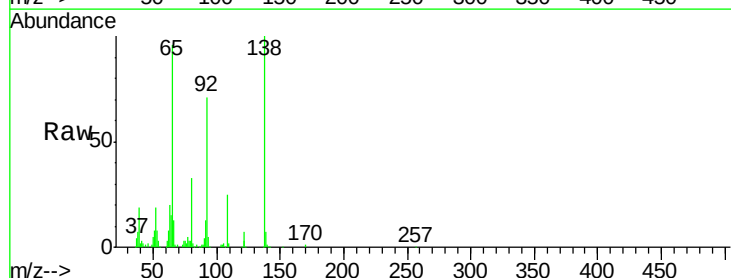
Tgt Ion: 65 Resp: 130074

Ion Ratio Lower Upper

65 100

92 74.6 58.3 87.5

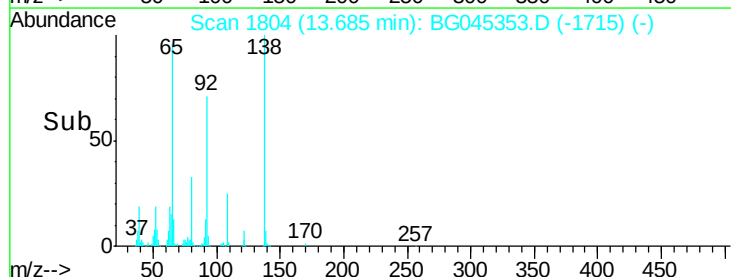
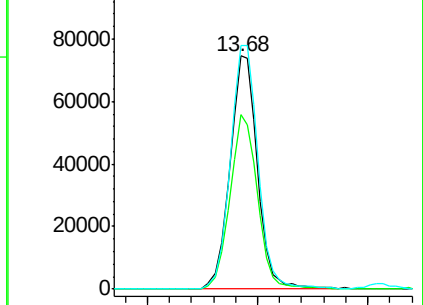
138 104.4 85.6 128.4

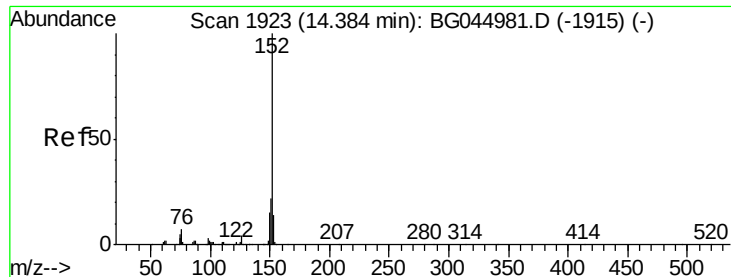


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.612 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

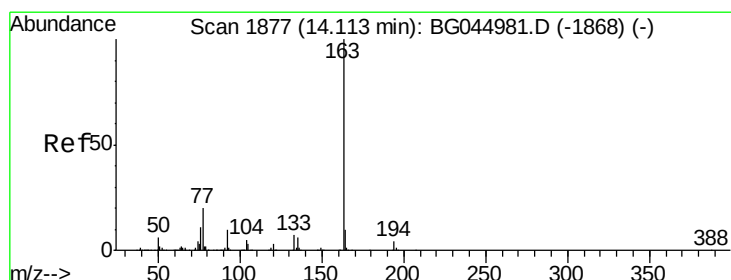
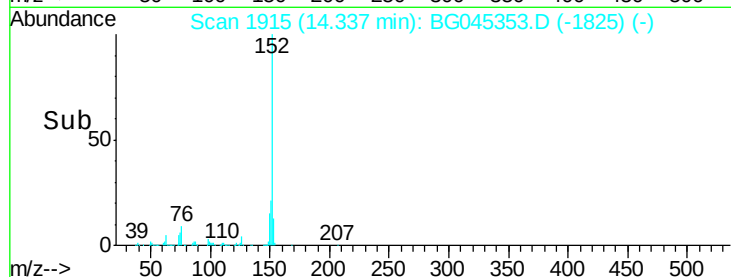
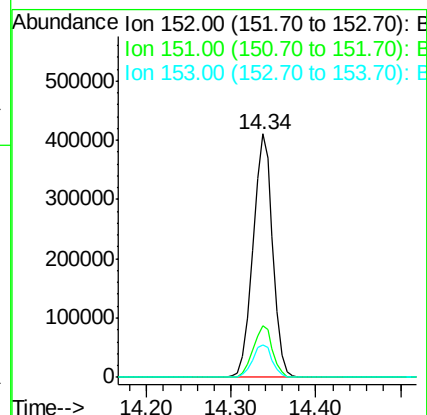
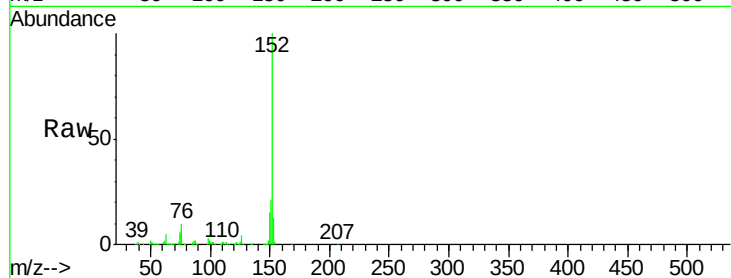
Tot Ion:152 Resp: 665167

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

153 13.3 11.0 16.4



#50

Dimethylphthalate

Concen: 43.623 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

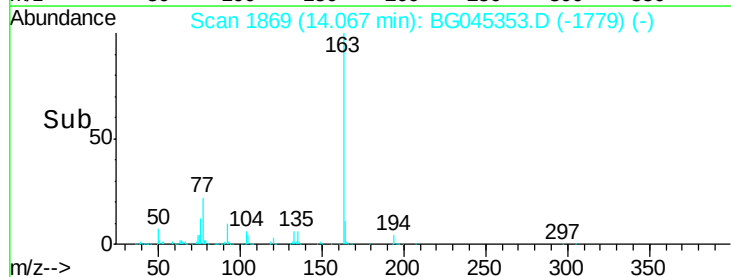
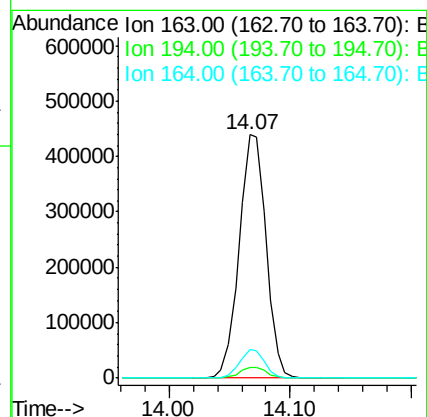
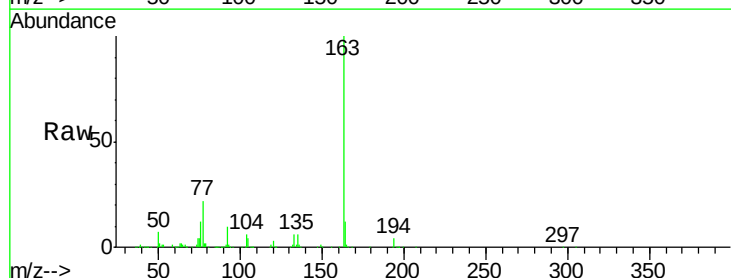
Tgt Ion:163 Resp: 682164

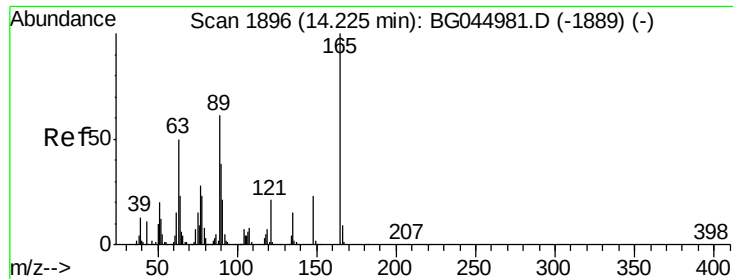
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 11.5 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 35.823 ng

RT: 14.18 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

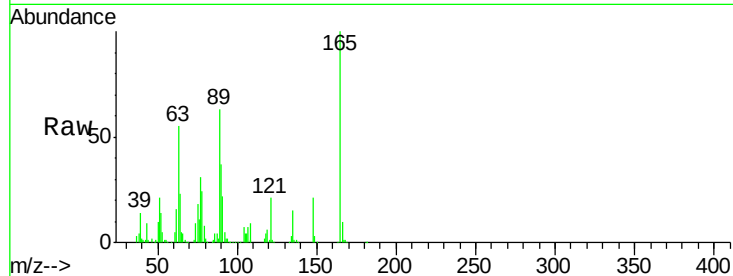
Tot Ion:165 Resp: 125298

Ion Ratio Lower Upper

165 100

63 54.7 40.4 60.6

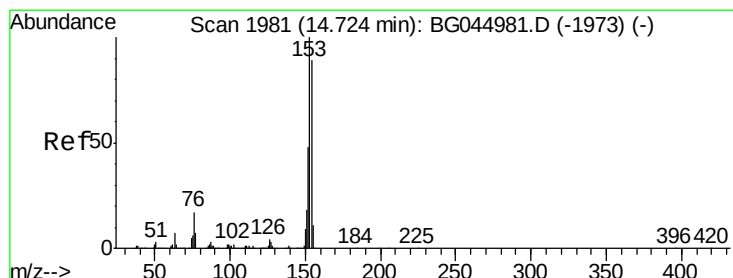
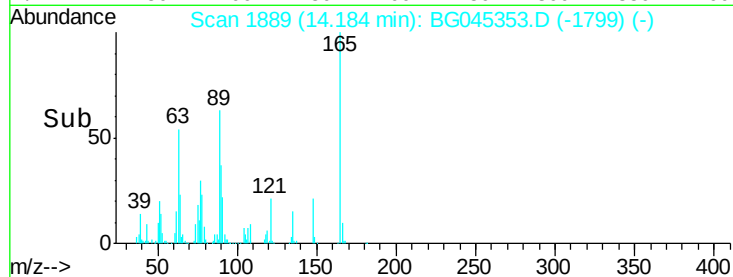
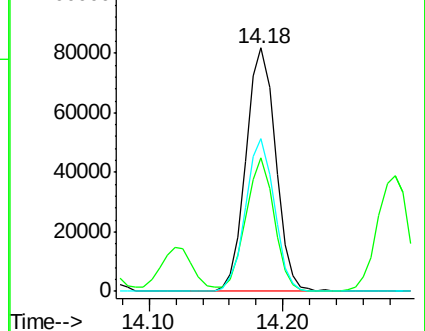
89 62.7 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 32.295 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

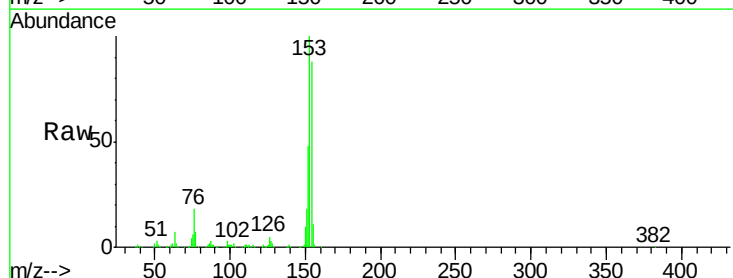
Tgt Ion:154 Resp: 396980

Ion Ratio Lower Upper

154 100

153 113.2 89.7 134.5

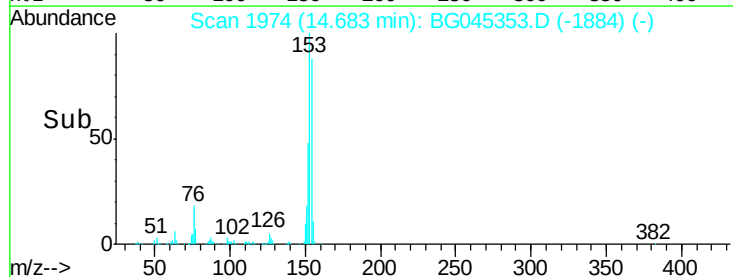
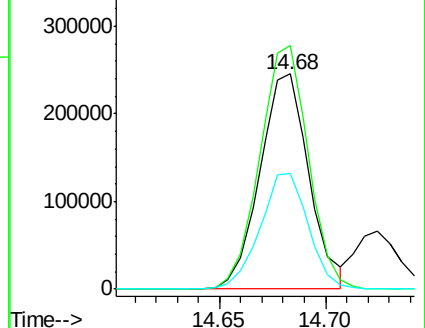
152 53.8 43.1 64.7

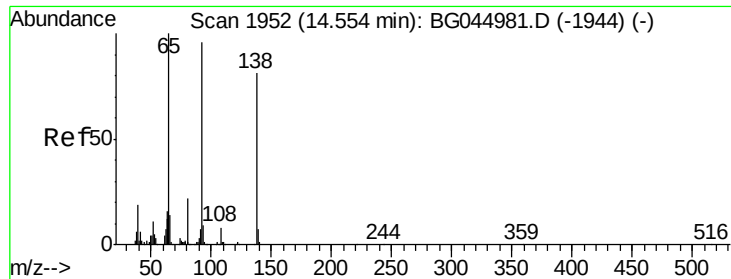


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

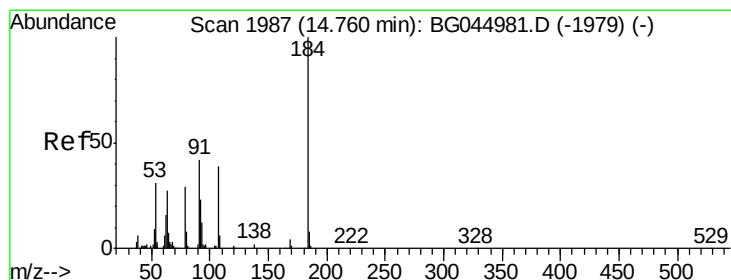
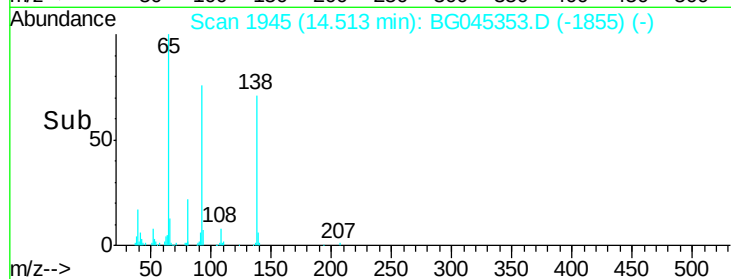
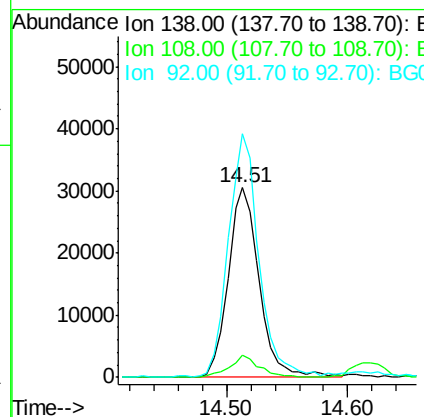
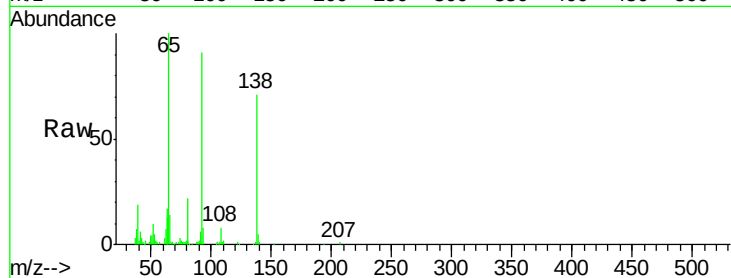




#53
3-Nitroaniline
Concen: 14.122 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

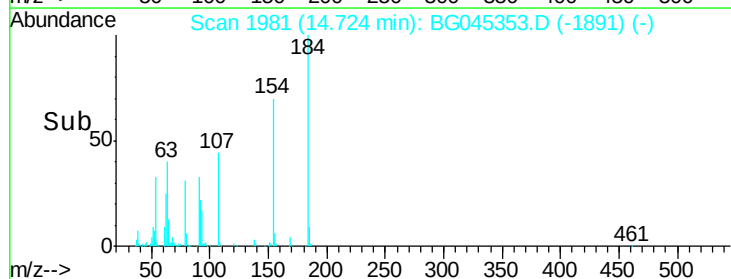
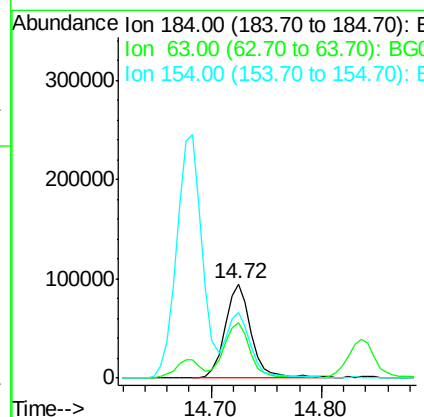
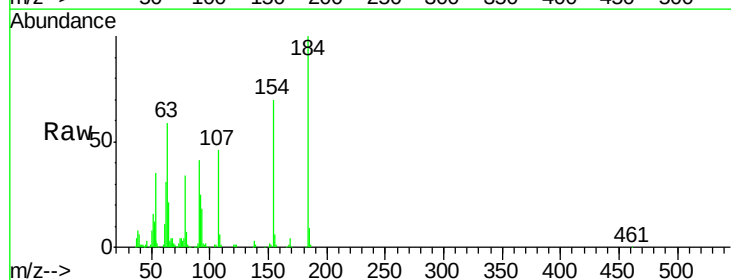
Instrument :
BNA_G
ClientSampleId :

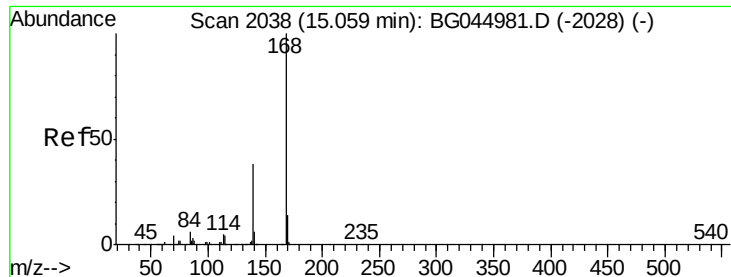
Tot Ion:138 Resp: 54174
Ion Ratio Lower Upper
138 100
108 11.8 7.8 11.8#
92 128.4 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 75.554 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:184 Resp: 157140
Ion Ratio Lower Upper
184 100
63 59.2 41.5 62.3
154 69.7 52.3 78.5

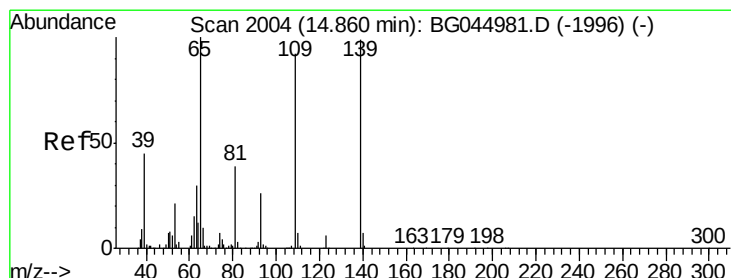
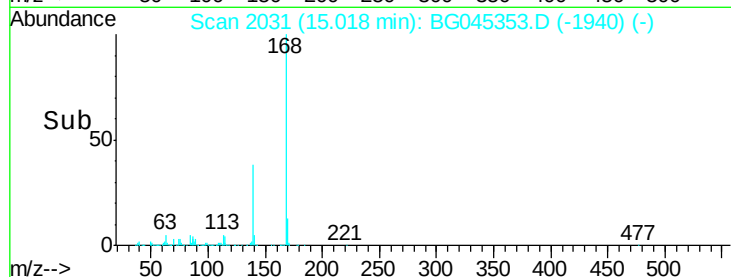
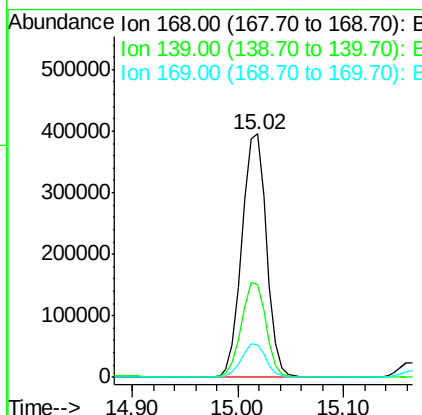
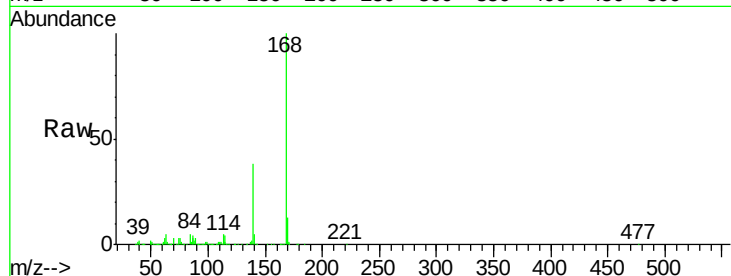




#55
Dibenzenofuran
Concen: 35.683 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

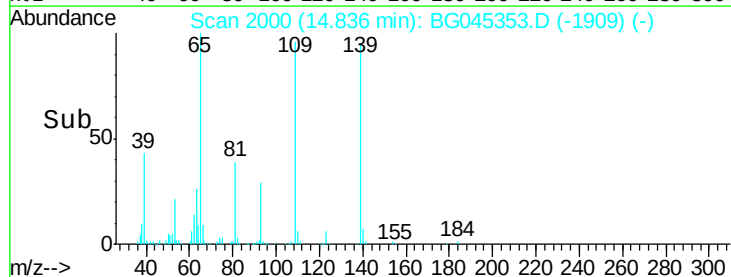
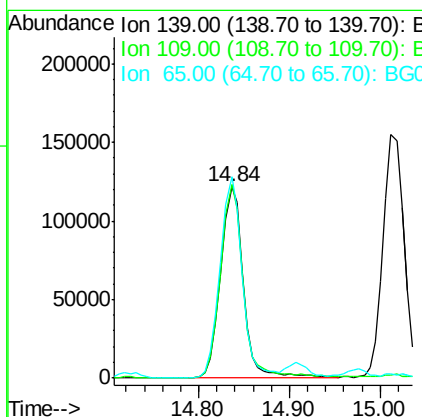
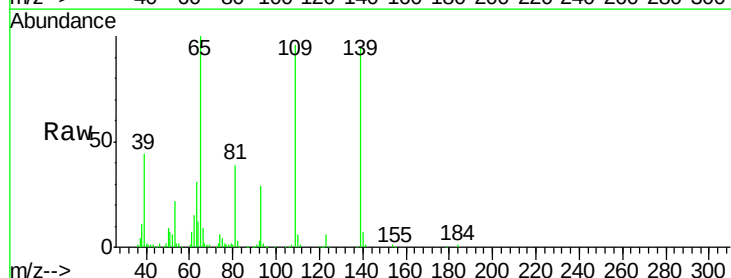
Instrument :
BNA_G
ClientSampleId :

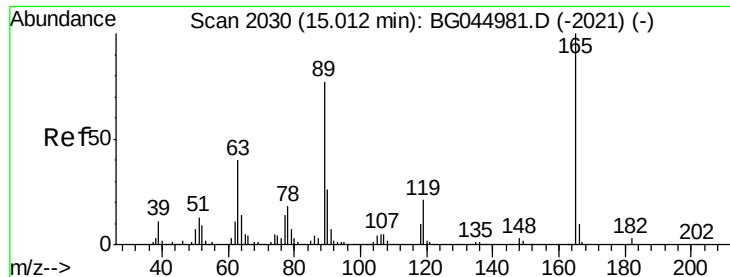
Tot Ion:168 Resp: 639484
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 71.623 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:139 Resp: 213036
Ion Ratio Lower Upper
139 100
109 101.4 73.6 113.6
65 105.5 81.2 121.2

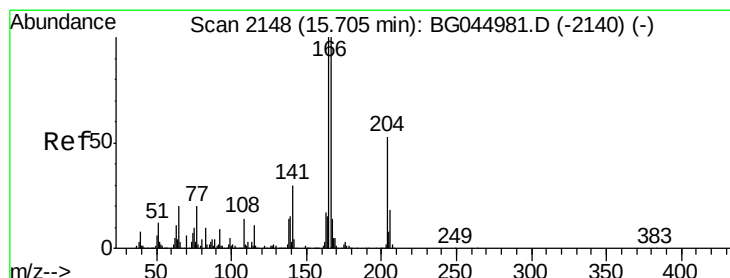
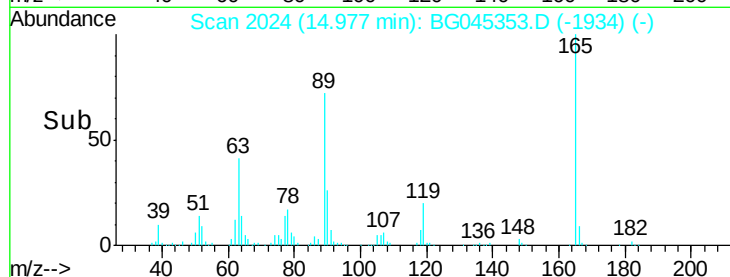
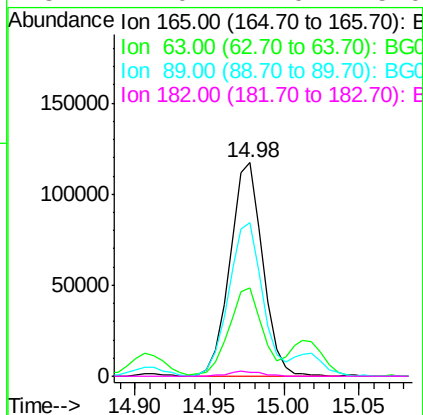
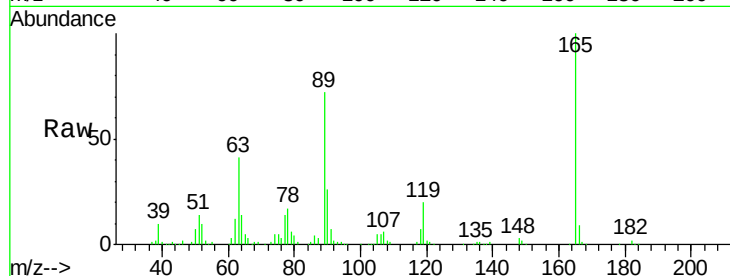




#57
 2,4-Dinitrotoluene
 Concen: 35.273 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

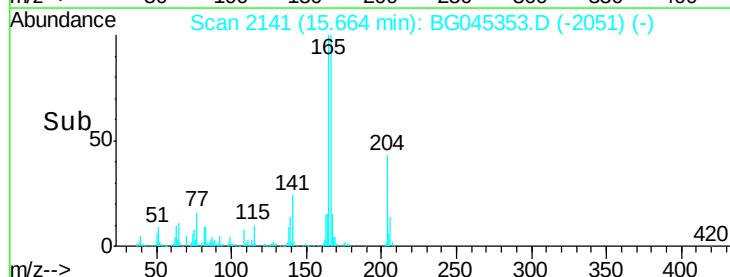
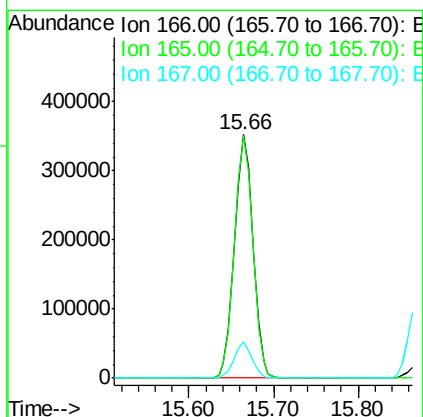
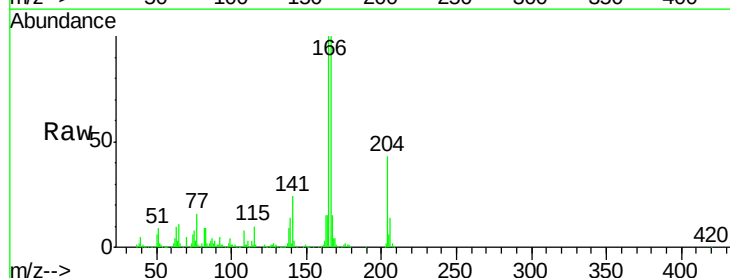
Instrument :
 BNA_G
 ClientSampleId :

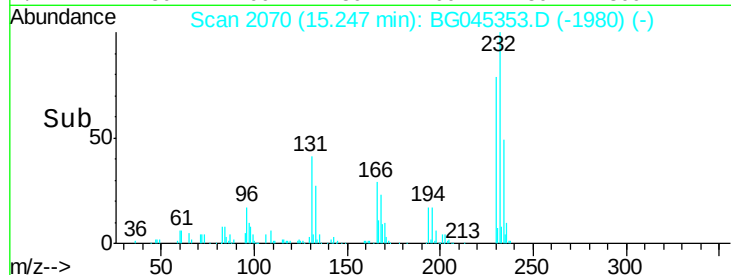
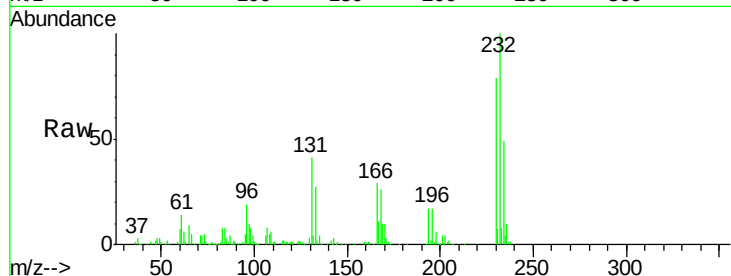
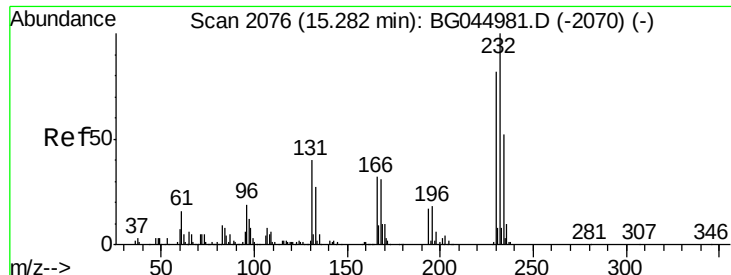
Tot Ion:	165	Resp:	180302
Ion	Ratio	Lower	Upper
165	100		
63	41.4	32.2	48.2
89	72.1	61.7	92.5
182	2.0	2.0	3.0



#58
 Fluorene
 Concen: 36.000 ng
 RT: 15.66 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion:	166	Resp:	526981
Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.9	119.9
167	14.7	11.4	17.0

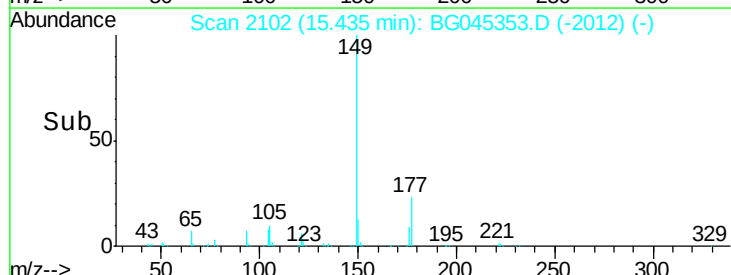
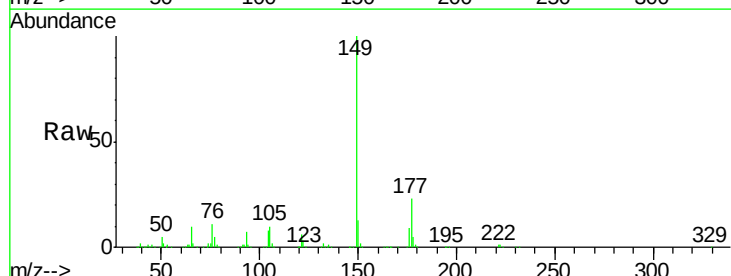
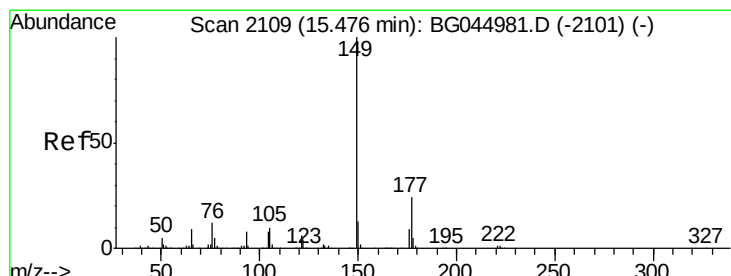
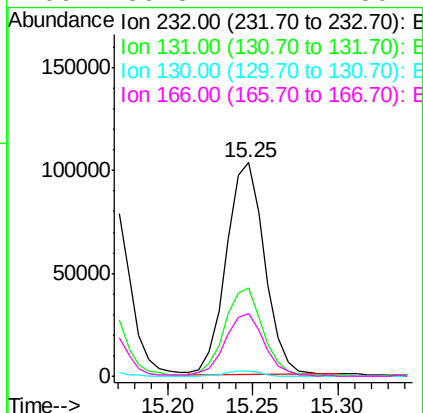




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.779 ng
RT: 15.25 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

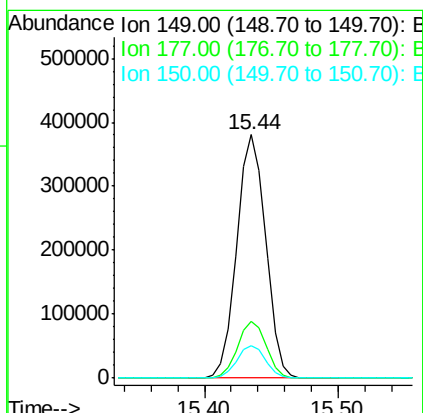
Instrument :
BNA_G
ClientSampleId :

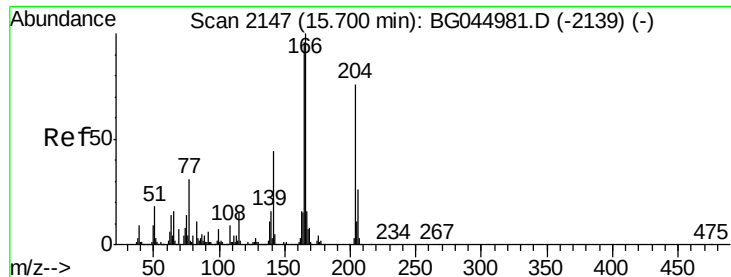
Tot Ion:	232	Resp:	162564
Ion	Ratio	Lower	Upper
232	100		
131	42.4	32.2	48.2
130	2.5	2.2	3.2
166	30.8	24.2	36.4



#60
Diethylphthalate
Concen: 34.911 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:	149	Resp:	569189
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.9	28.3
150	13.3	10.6	15.8

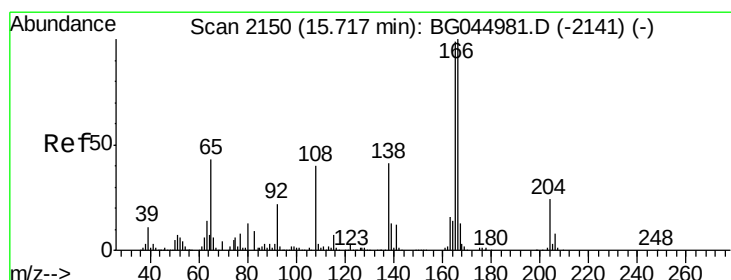
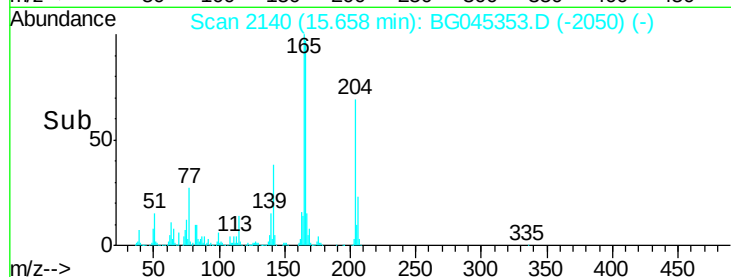
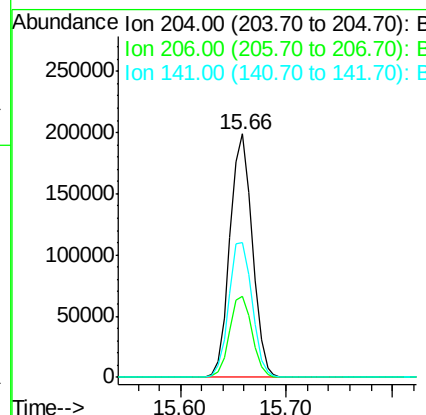
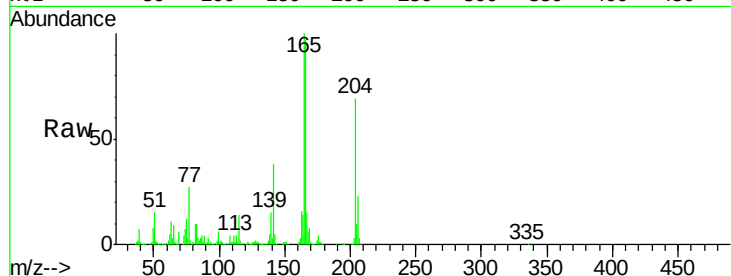




#61
 4-Chlorophenyl-phenylether
 Concen: 34.608 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

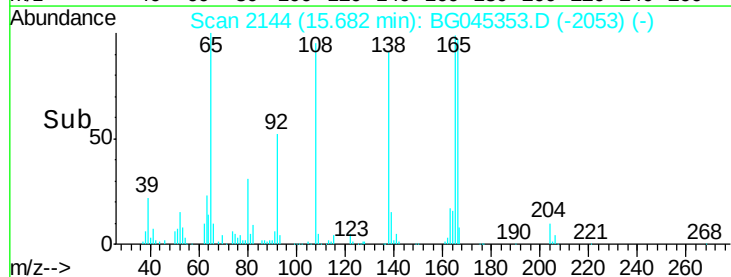
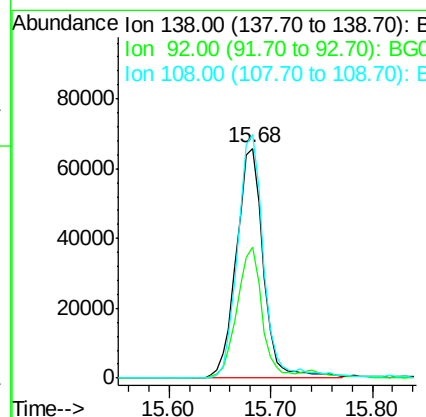
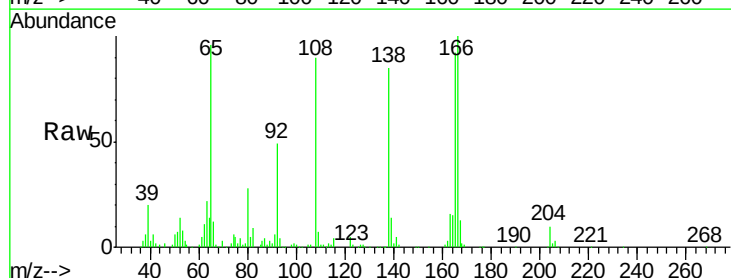
Instrument :
 BNA_G
 ClientSampled :

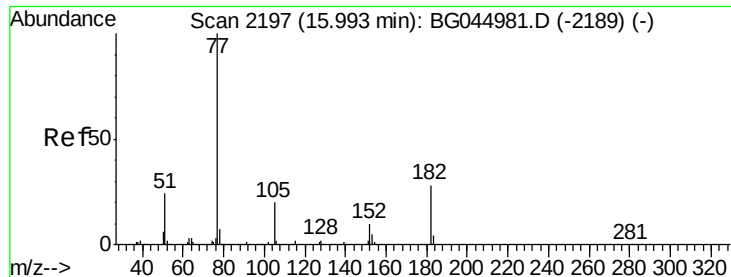
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.9	40.3
141	55.3	46.3	69.5



#62
 4-Nitroaniline
 Concen: 30.780 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	33.6	73.6
108	106.0	78.2	118.2





#63

Azobenzene

Concen: 35.756 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 537464

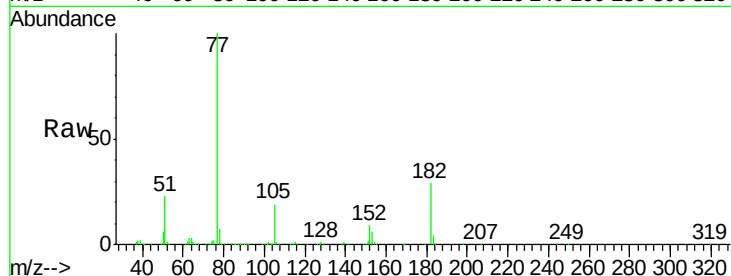
Ion Ratio Lower Upper

77 100

182 29.2 8.4 48.4

105 18.5 0.5 40.5

51 23.3 4.4 44.4

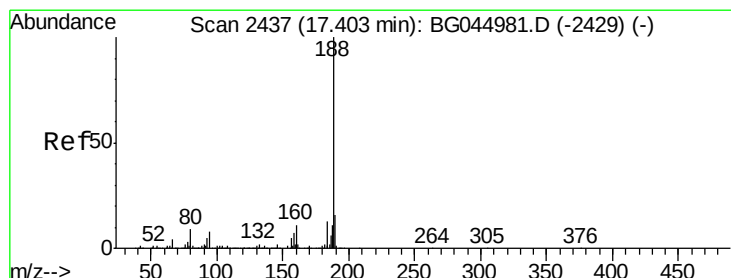
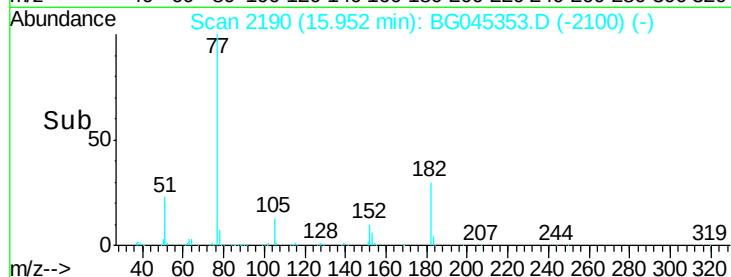
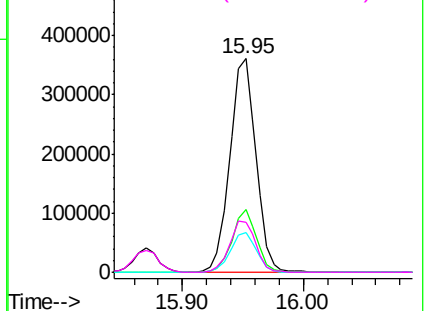


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

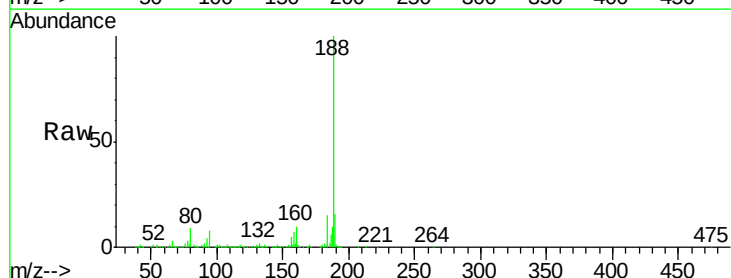
Tgt Ion: 188 Resp: 456286

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

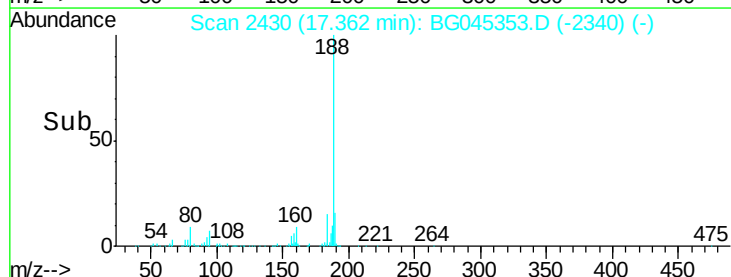
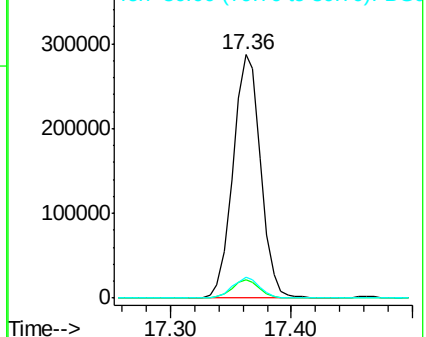
80 8.7 7.0 10.6

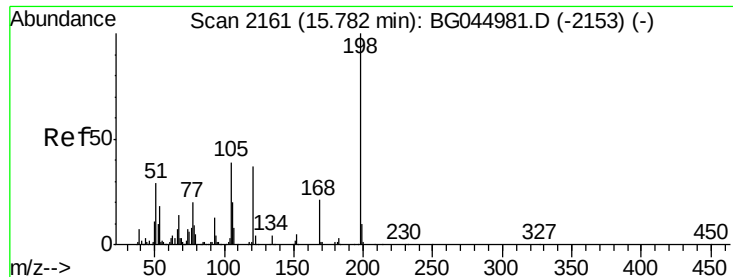


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.021 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

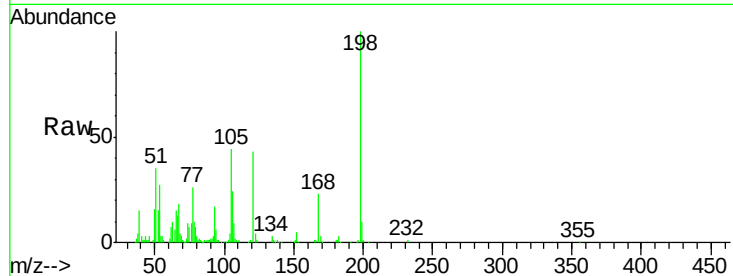
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 117030

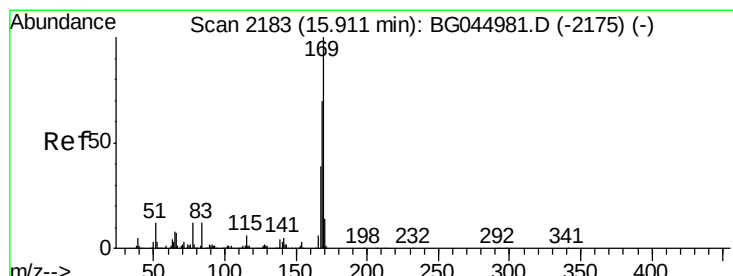
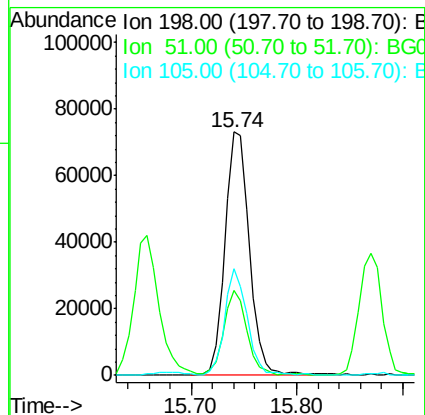
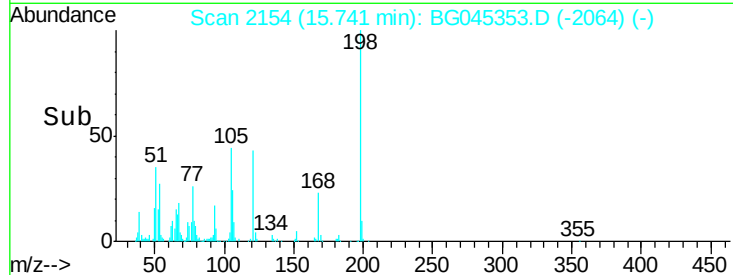
Ion	Ratio	Lower	Upper
198	100		
51	34.7	10.0	50.0
105	43.7	18.9	58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.163 ng

RT: 15.87 min Scan# 2176

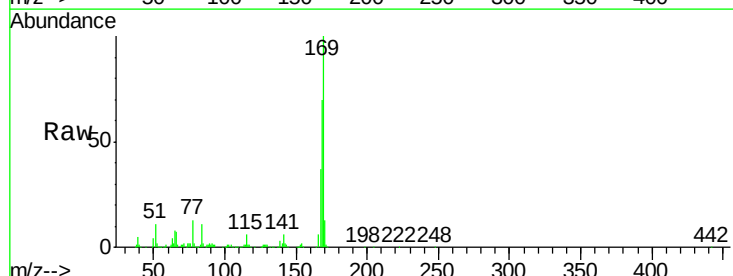
Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:169 Resp: 474095

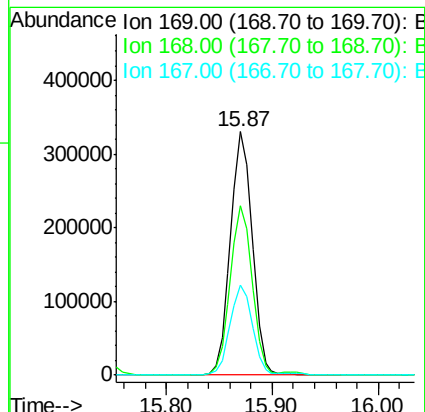
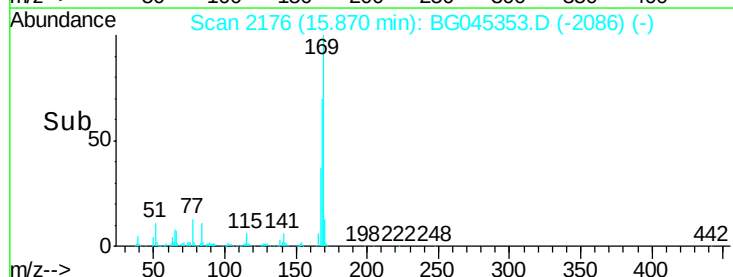
Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.8	83.8
167	37.0	30.8	46.2

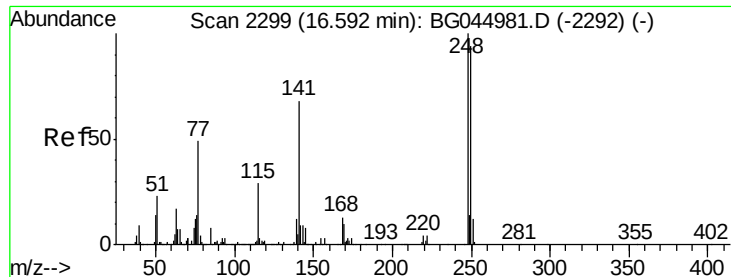


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

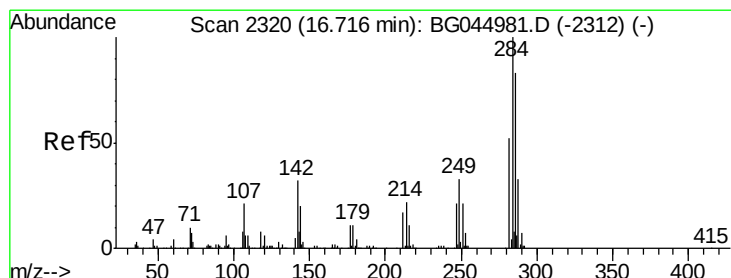
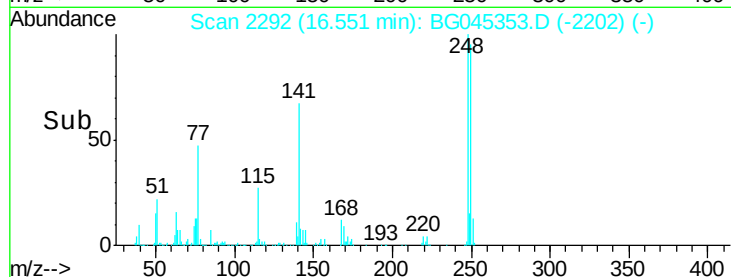
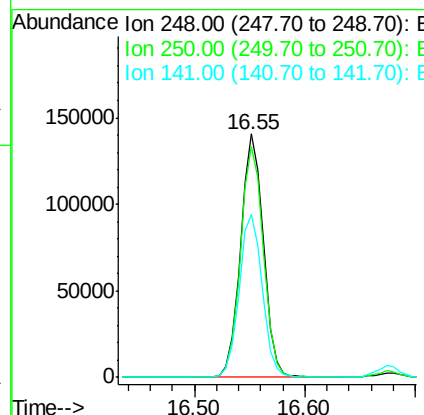
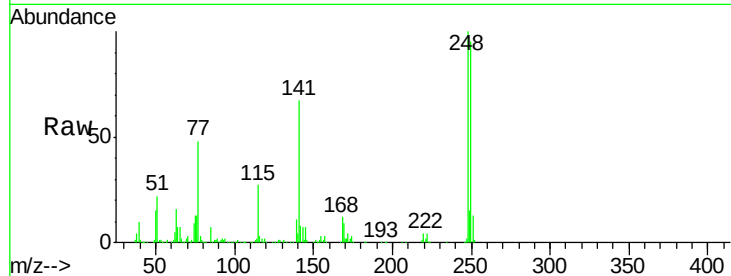




#67
4-Bromophenyl-phenylether
Concen: 34.629 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

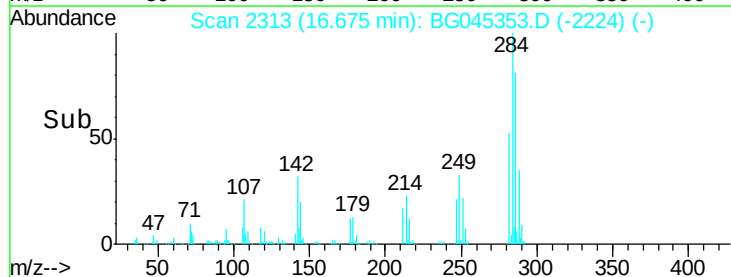
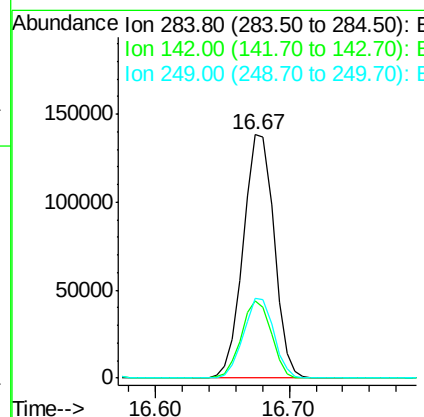
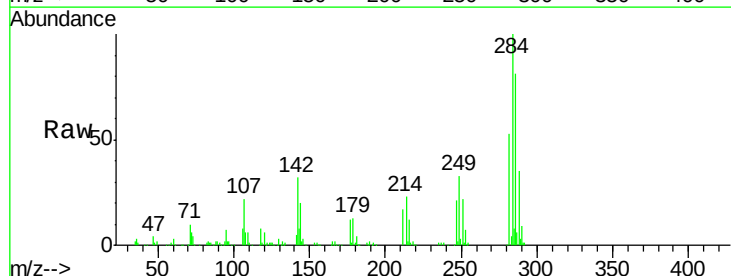
Instrument :
BNA_G
ClientSampled :

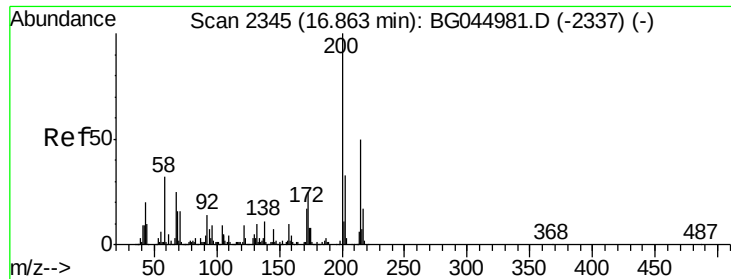
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	75.4	113.2
141	67.0	54.4	81.6



#68
Hexachlorobenzene
Concen: 36.142 ng
RT: 16.67 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.6
249	32.8	26.6	39.8

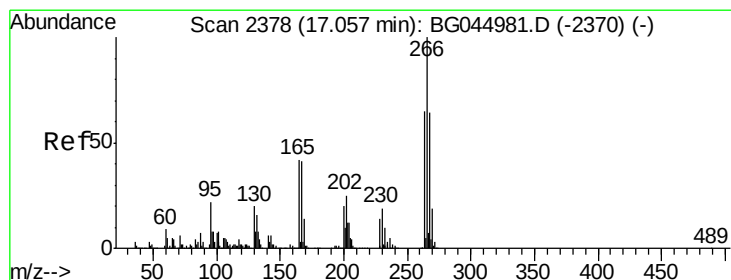
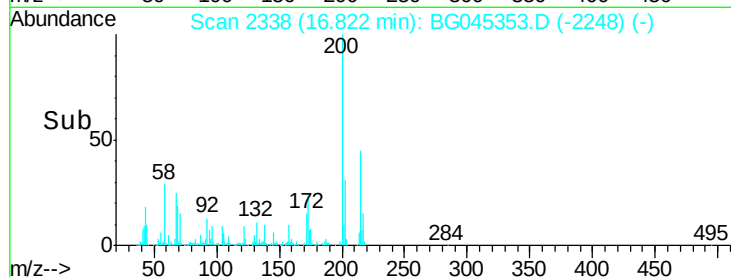
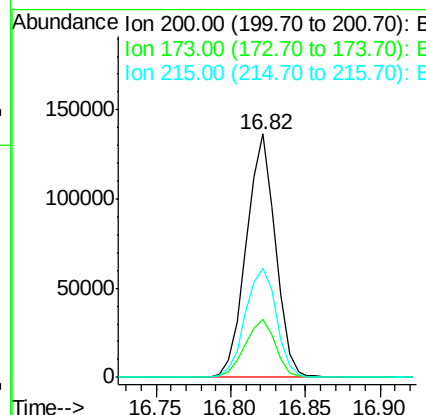
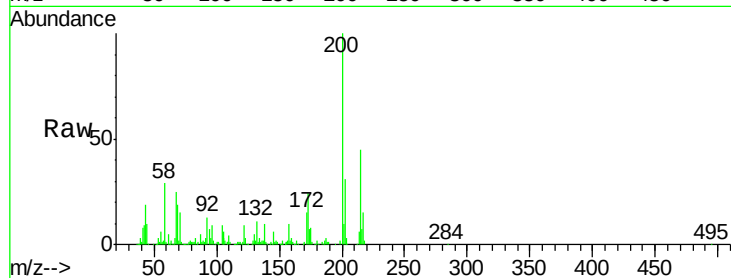




#69
 Atrazine
 Concen: 37.773 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

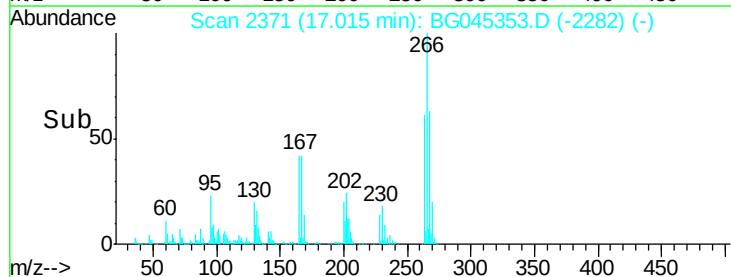
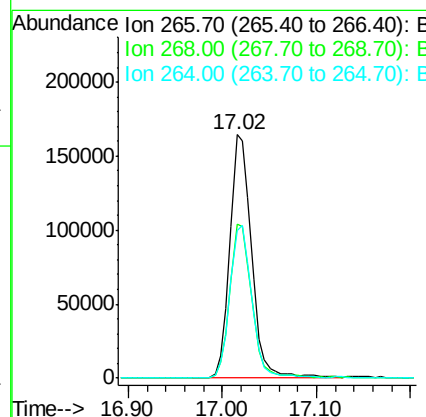
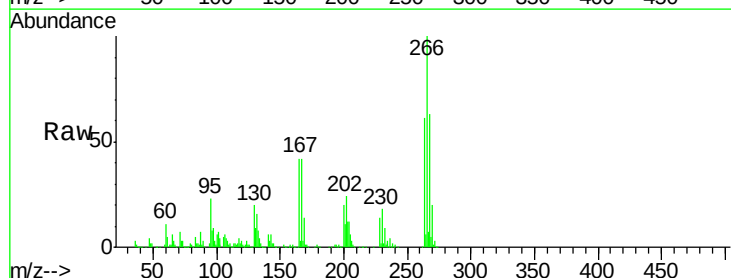
Instrument :
 BNA_G
 ClientSampleId :

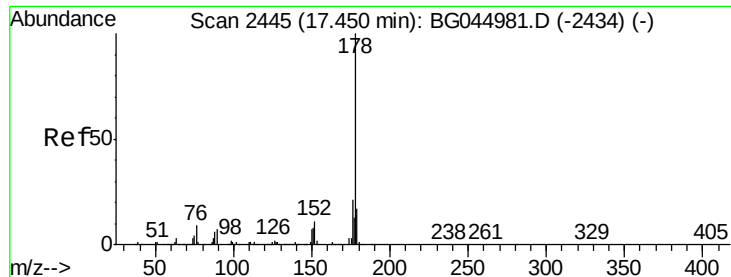
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	4.5	44.5
215	45.0	30.0	70.0



#70
 Pentachlorophenol
 Concen: 70.668 ng
 RT: 17.02 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.5	77.3
264	60.7	52.2	78.4





#71

Phenanthrene

Concen: 37.158 ng

RT: 17.40 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

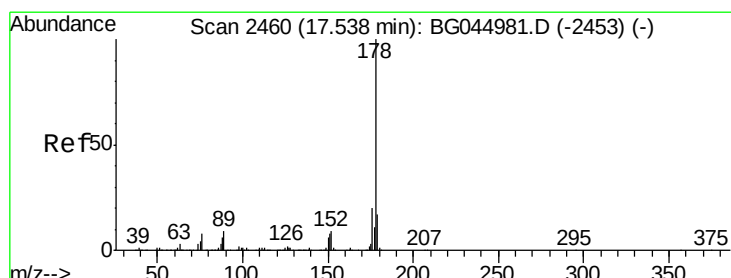
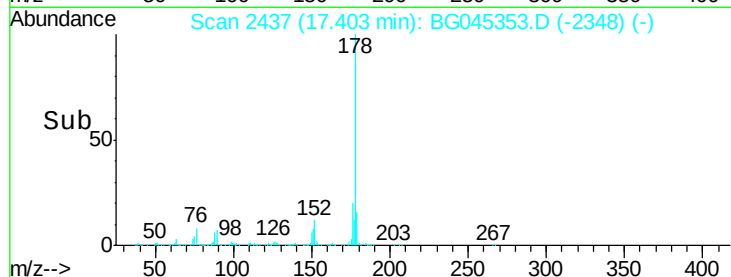
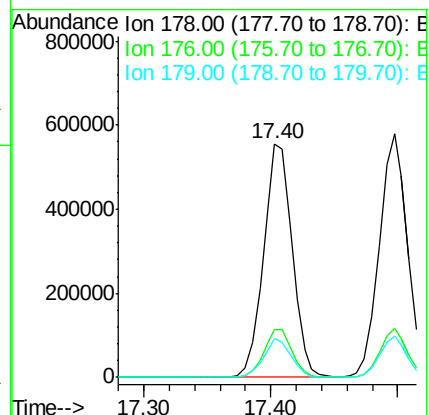
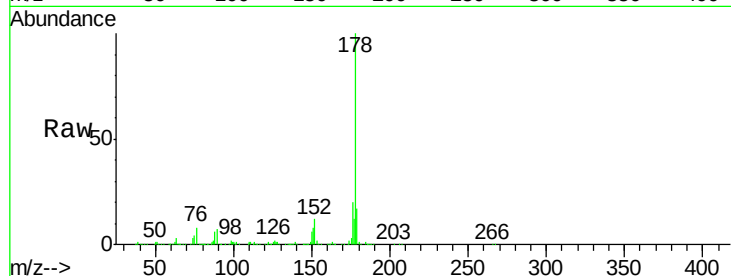
Tot Ion:178 Resp: 871246

Ion Ratio Lower Upper

178 100

176 20.5 16.8 25.2

179 16.5 13.2 19.8



#72

Anthracene

Concen: 37.964 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

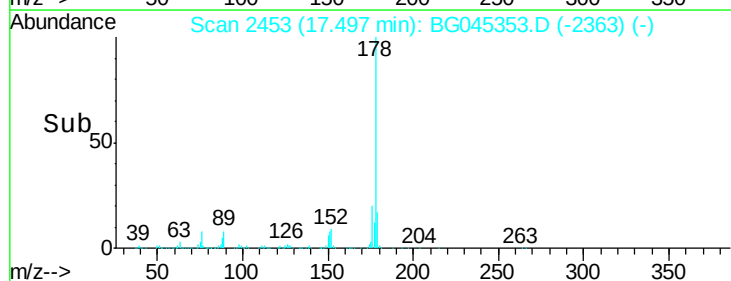
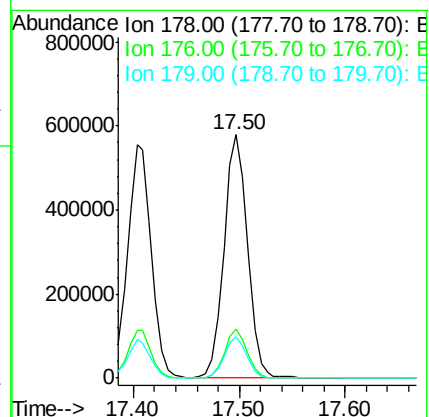
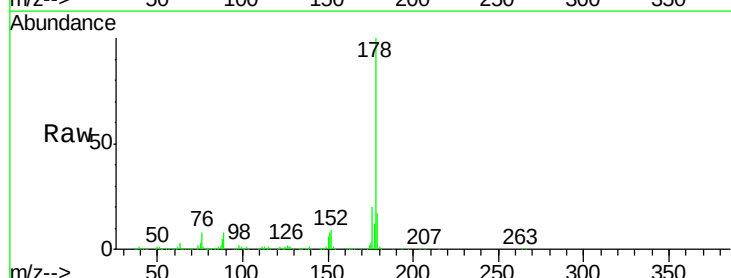
Tgt Ion:178 Resp: 892914

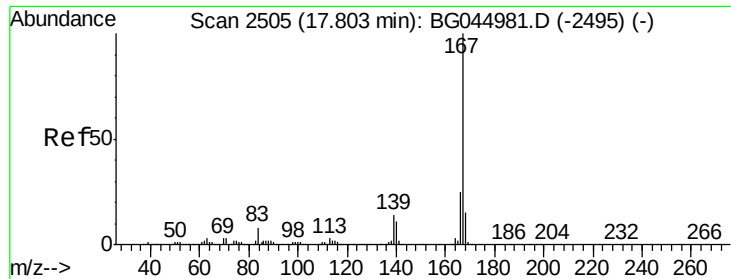
Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 17.2 13.6 20.4

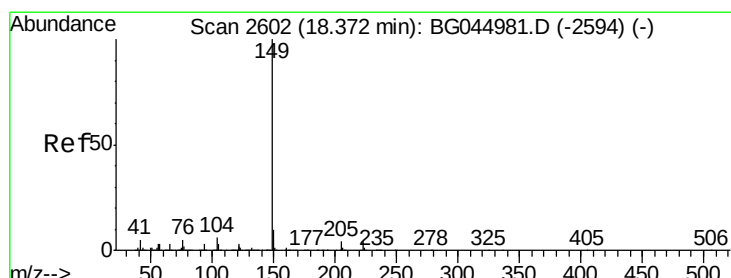
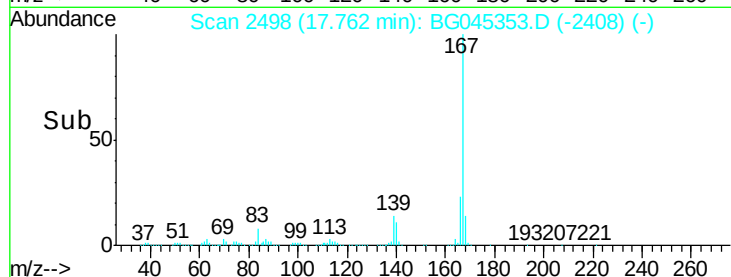
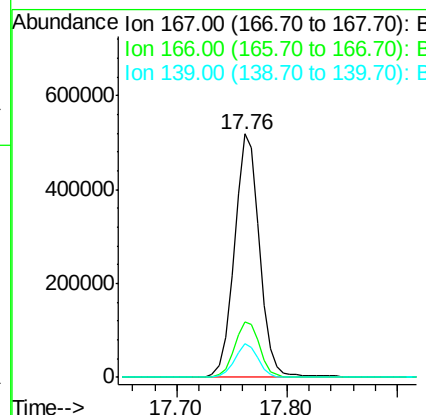
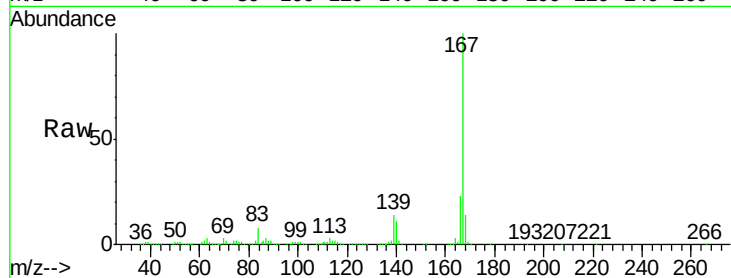




#73
 Carbazole
 Concen: 34.515 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

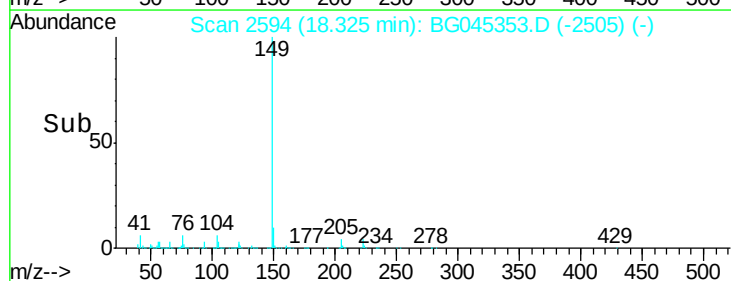
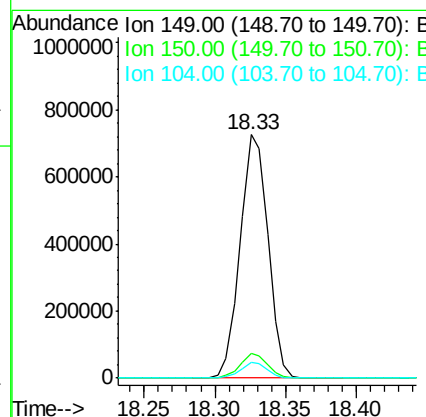
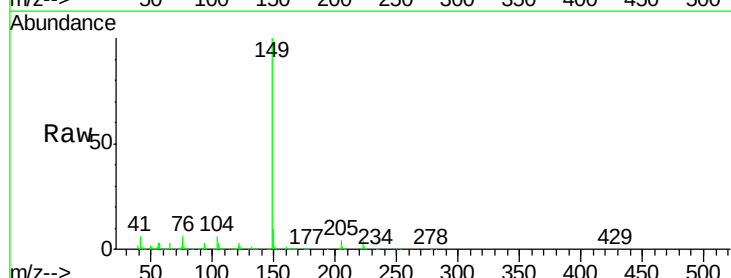
Instrument :
 BNA_G
 ClientSampleId :

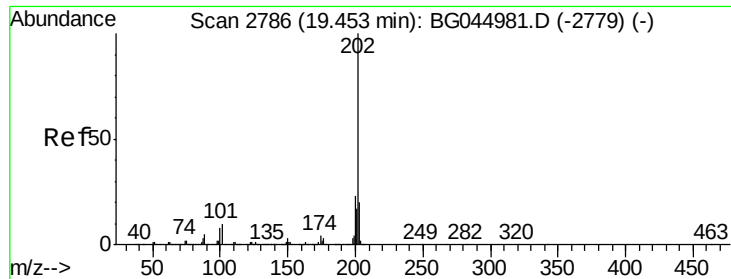
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.8	29.6
139	14.0	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 37.395 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG045353.D
 Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.3	4.8	7.2

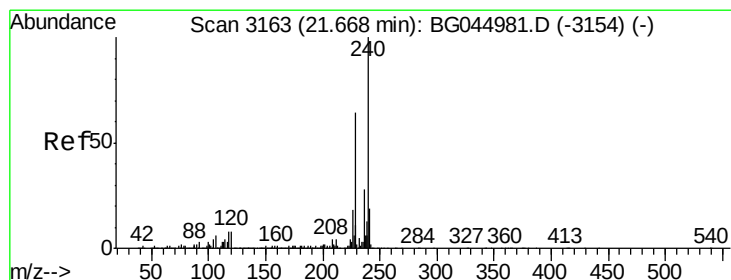
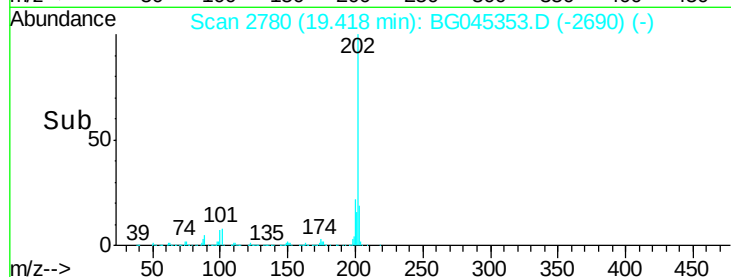
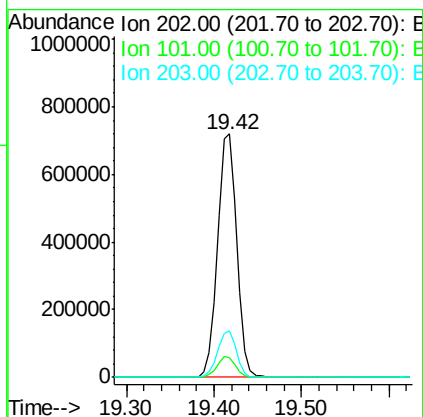
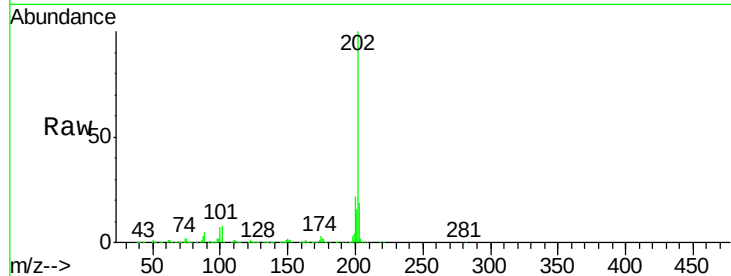




#75
Fluoranthene
Concen: 39.066 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

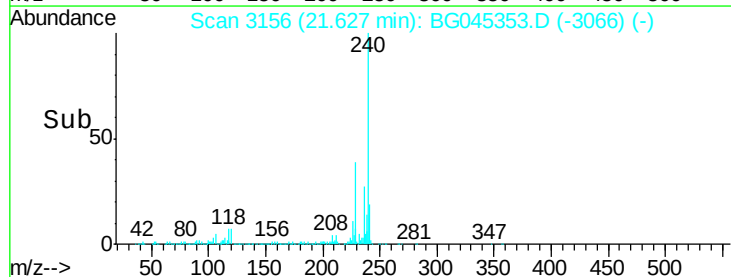
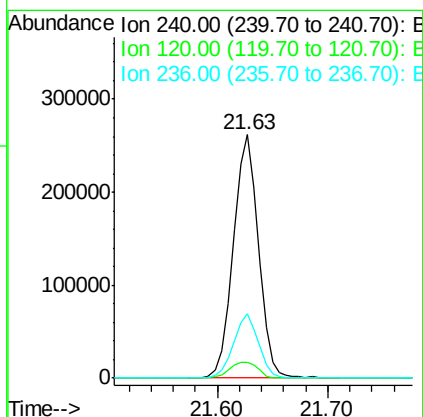
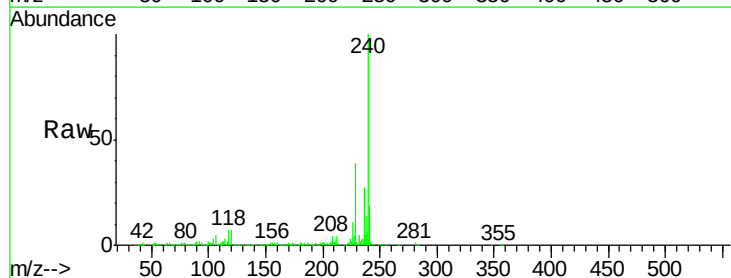
Instrument :
BNA_G
ClientSampleId :

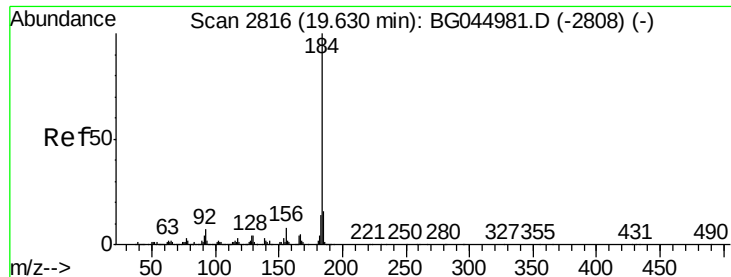
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.6
203	19.2	0.0	39.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.6	10.0
236	26.6	22.2	33.2





#77

Benzidine

Concen: 39.006 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

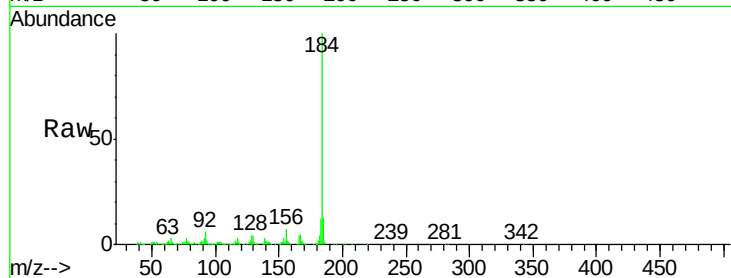
Tot Ion:184 Resp: 484168

Ion Ratio Lower Upper

184 100

185 13.2 12.6 19.0

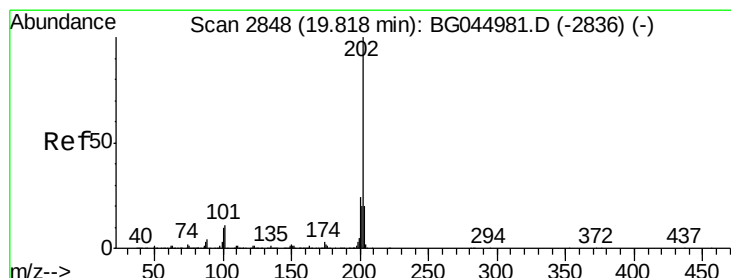
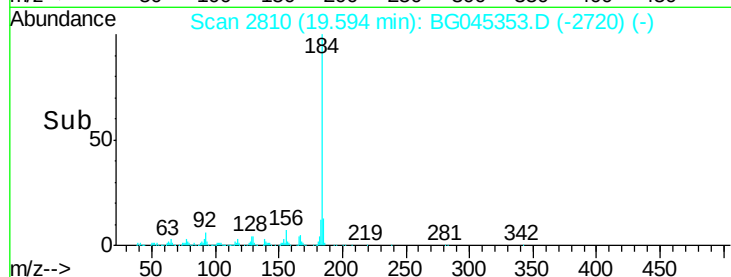
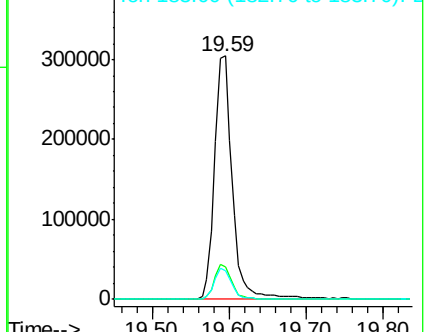
183 11.8 11.3 16.9



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: 37.499 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

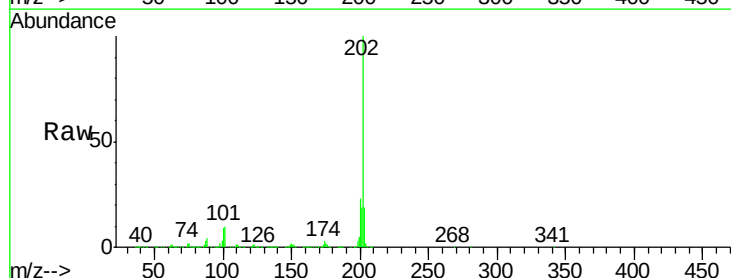
Tgt Ion:202 Resp: 1085821

Ion Ratio Lower Upper

202 100

200 23.0 19.0 28.6

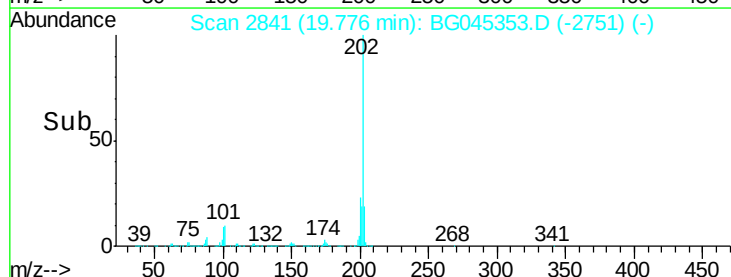
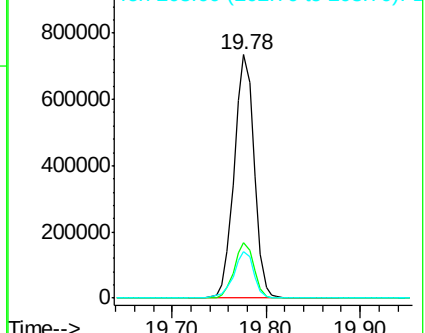
203 18.9 16.1 24.1

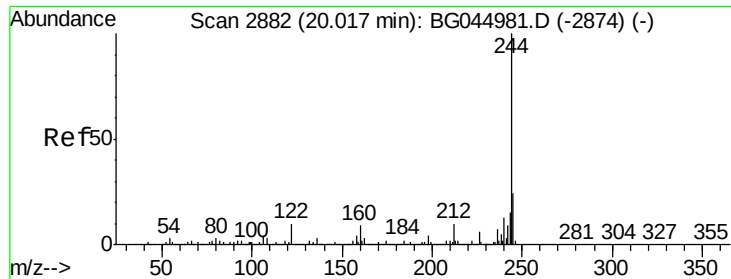


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.245 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

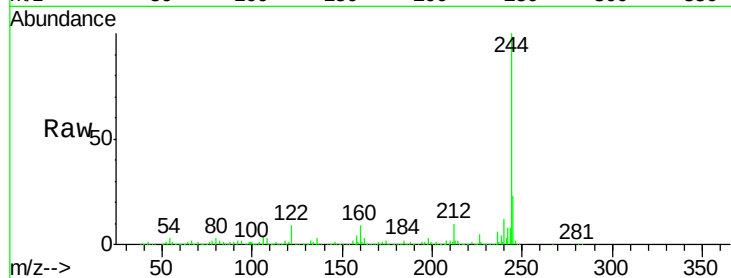
Tot Ion:244 Resp: 1681258

Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

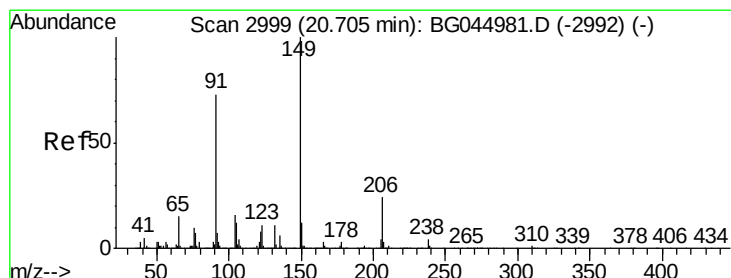
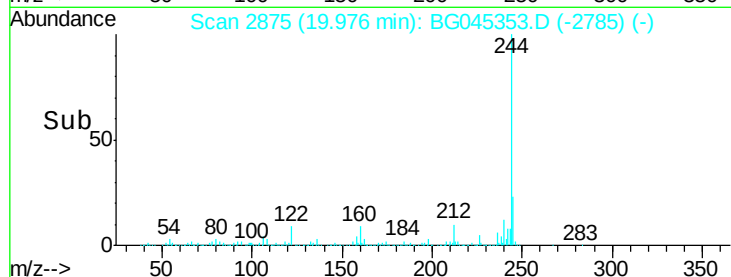
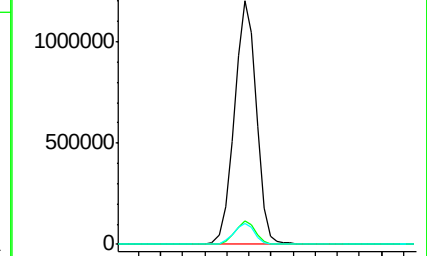
122 8.6 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.627 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

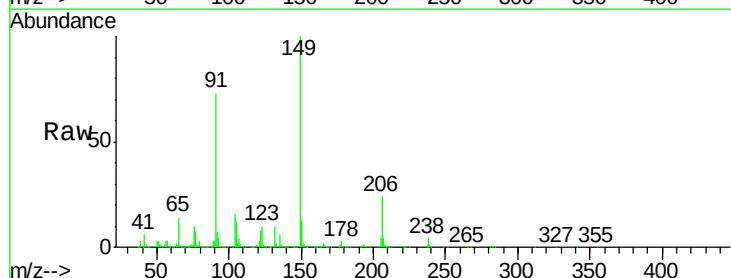
Tgt Ion:149 Resp: 451624

Ion Ratio Lower Upper

149 100

91 73.4 58.5 87.7

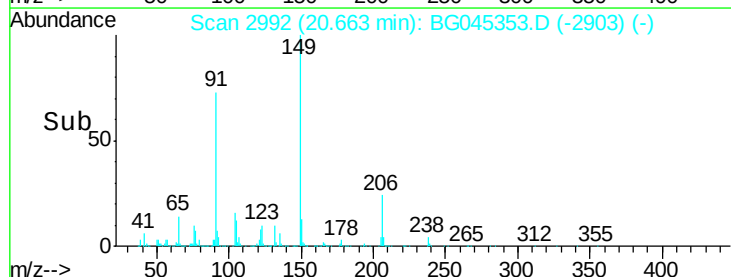
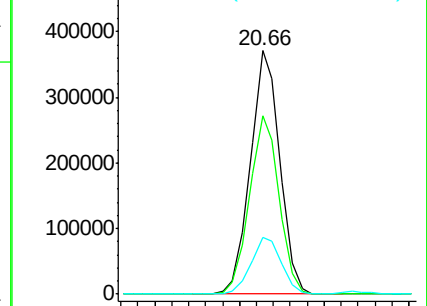
206 23.5 19.2 28.8

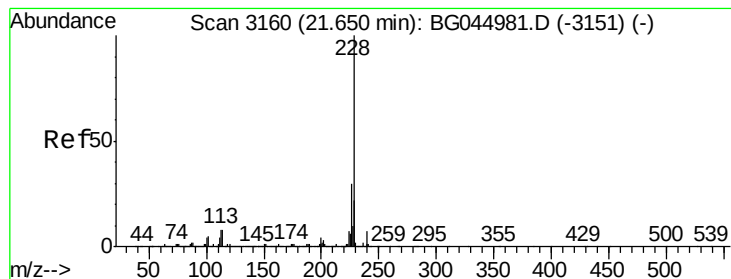


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.269 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

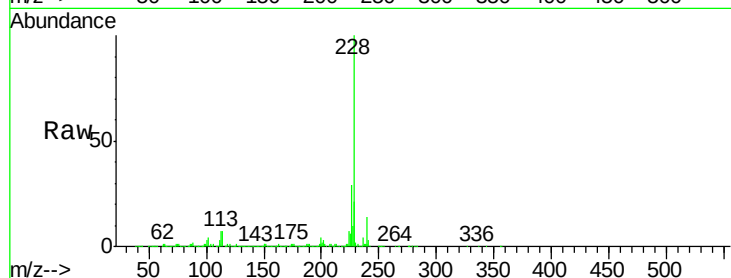
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1041793

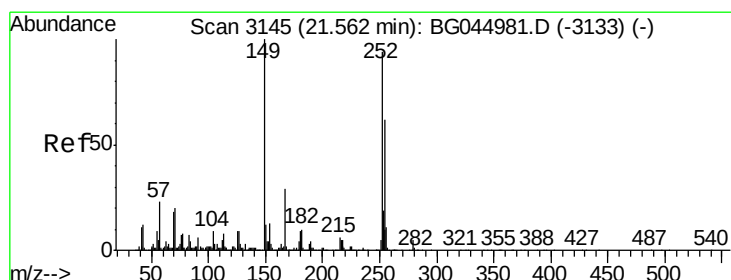
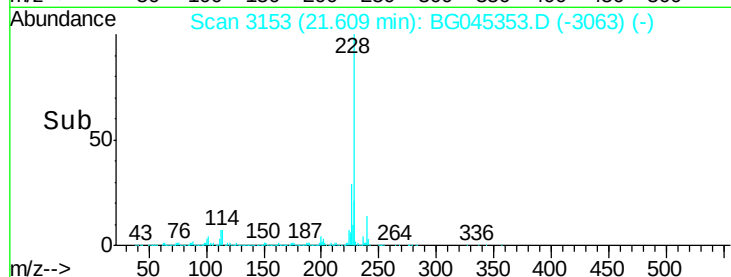
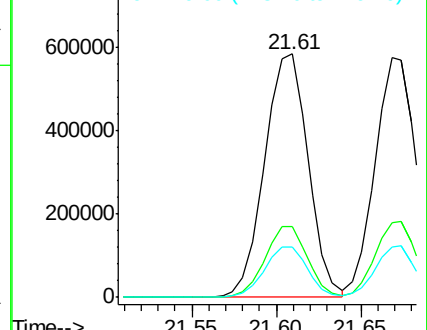
Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.7	17.5	26.3



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: 16.063 ng

RT: 21.52 min Scan# 3138

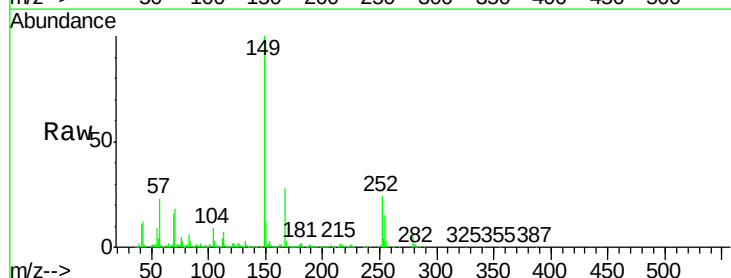
Delta R.T. -0.00 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:252 Resp: 174048

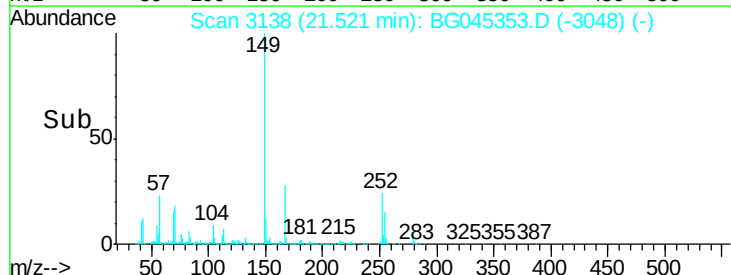
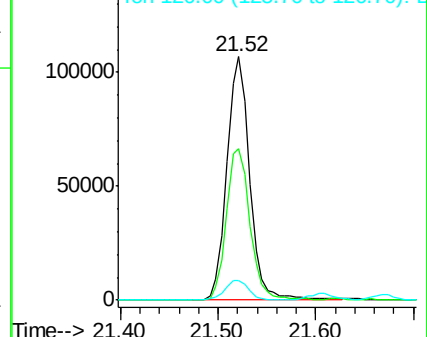
Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.6	79.0
126	8.1	7.5	11.3

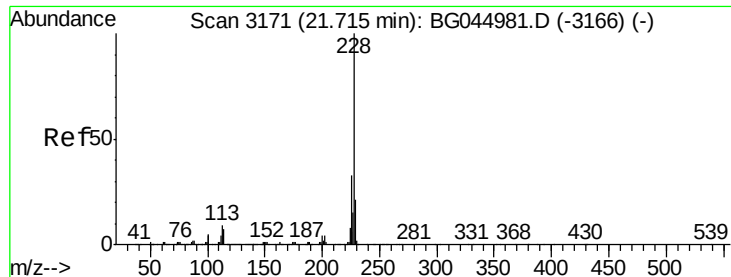


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.608 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

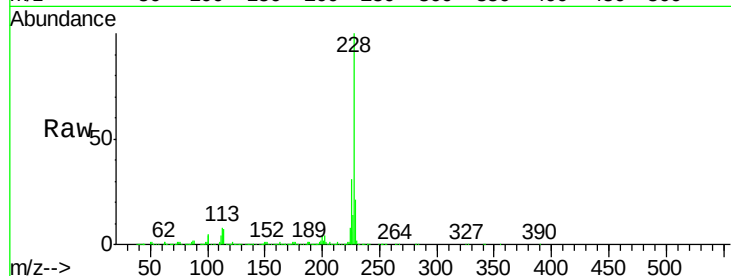
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 983670

Ion	Ratio	Lower	Upper
228	100		
226	31.3	26.2	39.4
229	21.0	17.0	25.6

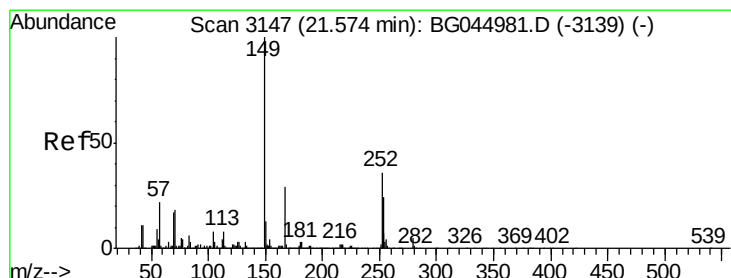
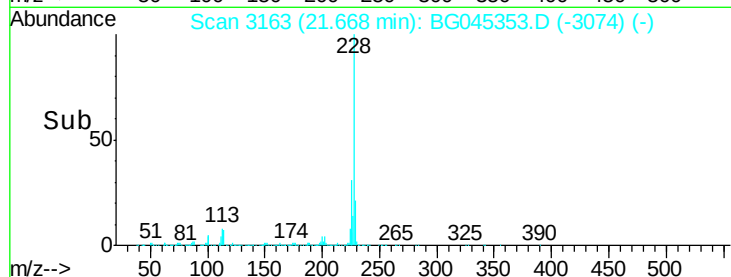
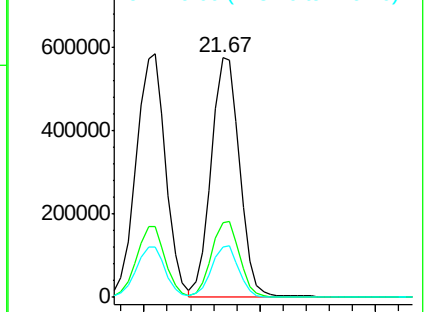


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.829 ng

RT: 21.52 min Scan# 3138

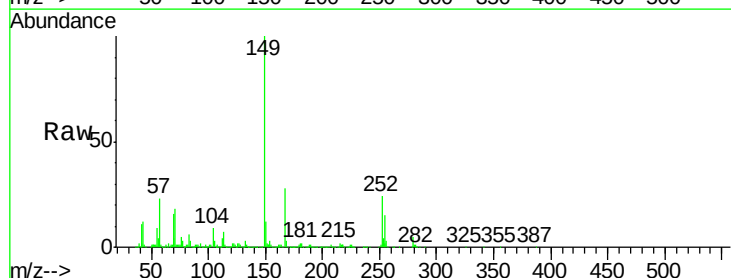
Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Tgt Ion:149 Resp: 624473

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.4	35.0
279	5.4	4.3	6.5

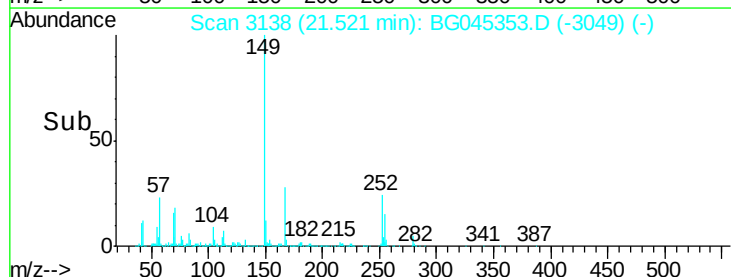
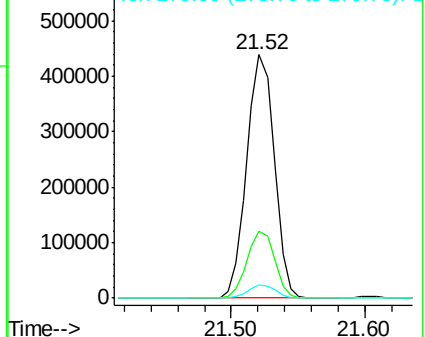


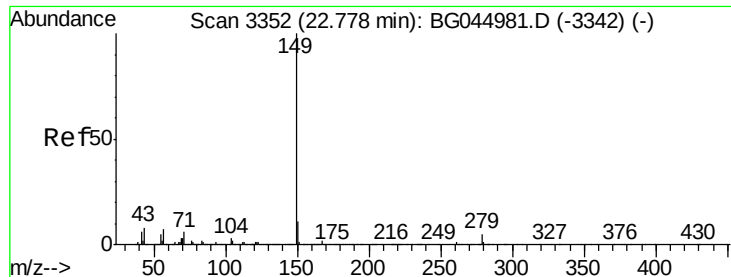
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

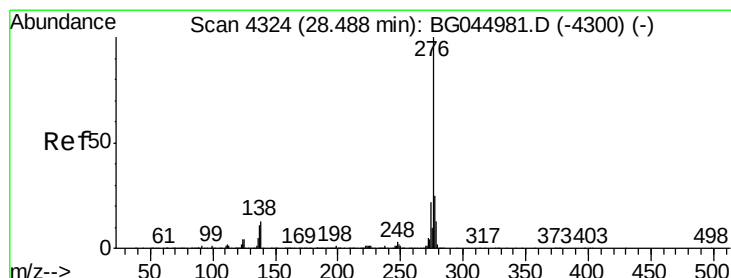
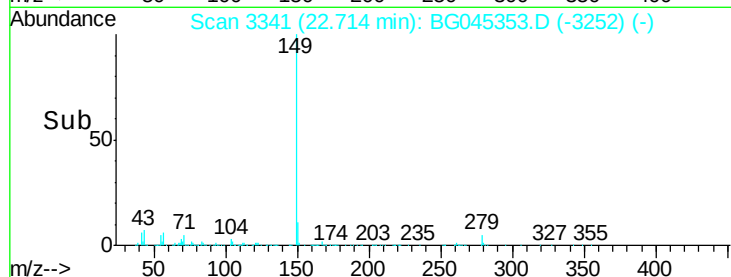
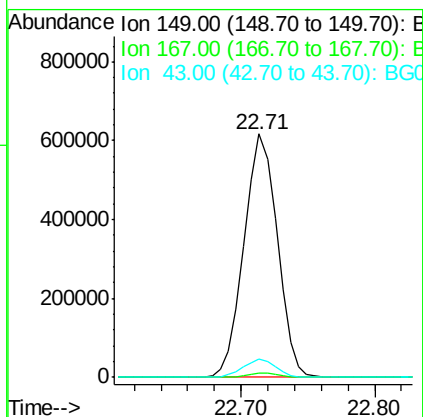
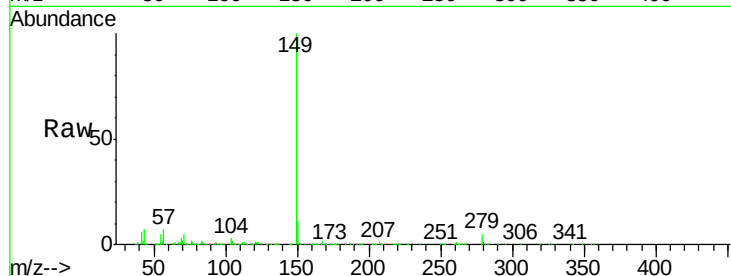




#85
Di-n-octyl phthalate
Concen: 37.295 ng
RT: 22.71 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

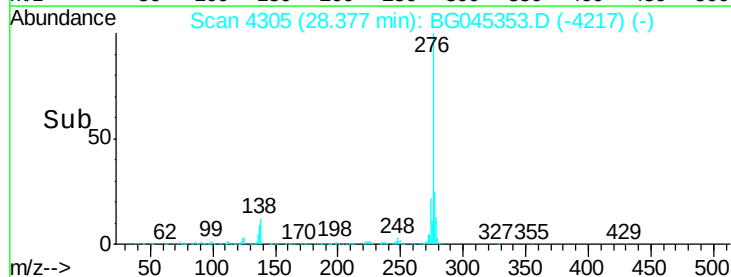
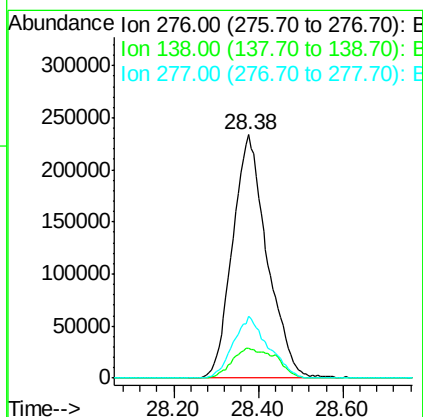
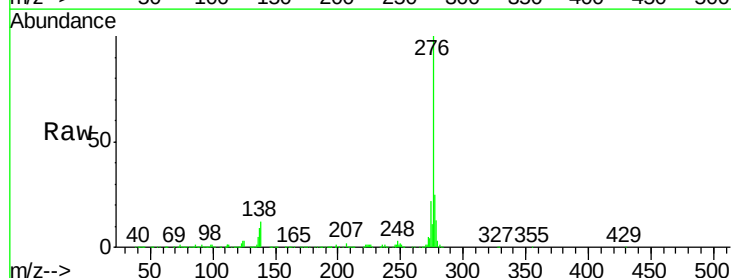
Instrument :
BNA_G
ClientSampleId :

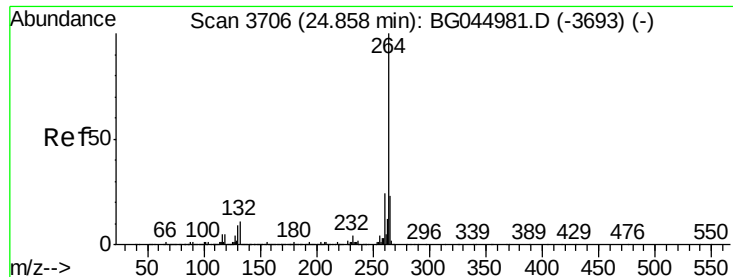
Tot Ion:149 Resp: 1064621
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 7.1 5.7 8.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.964 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.02 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:276 Resp: 1318392
Ion Ratio Lower Upper
276 100
138 15.7 9.6 14.4#
277 25.4 20.6 31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

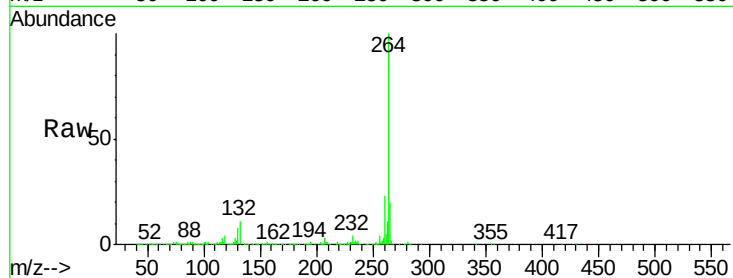
Tot Ion:264 Resp: 474151

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.4	19.0	28.4

264 100

260 22.7 19.2 28.8

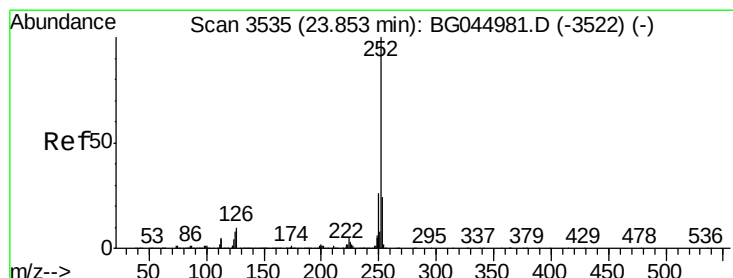
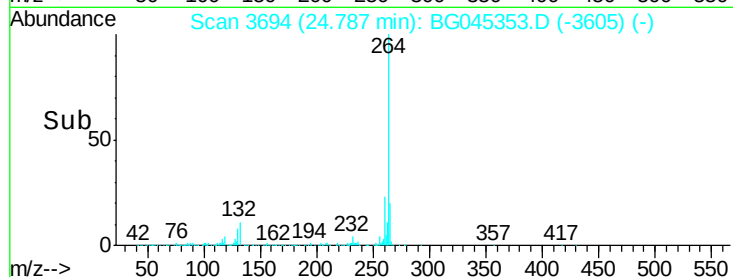
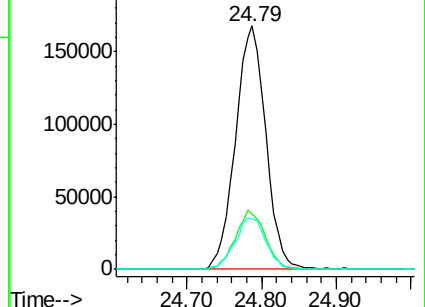
265 20.4 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.356 ng

RT: 23.85 min Scan# 3535

Delta R.T. 0.06 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

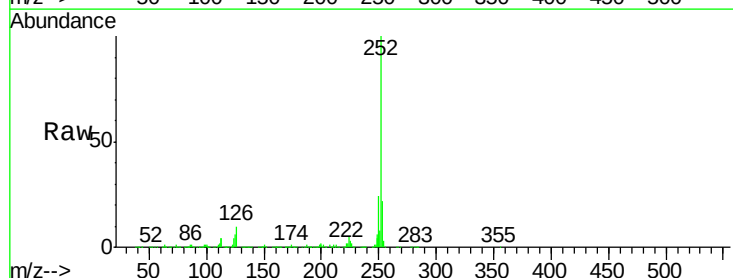
Tgt Ion:252 Resp: 1079787

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.8	28.2
125	6.4	6.2	9.4

252 100

253 22.4 18.8 28.2

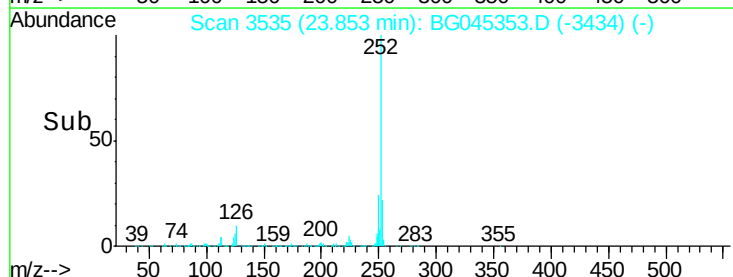
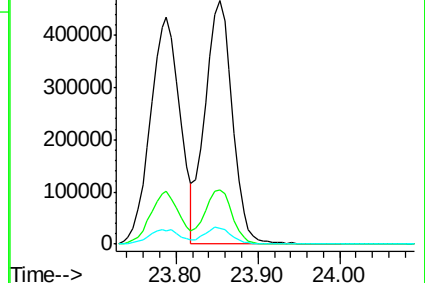
125 6.4 6.2 9.4

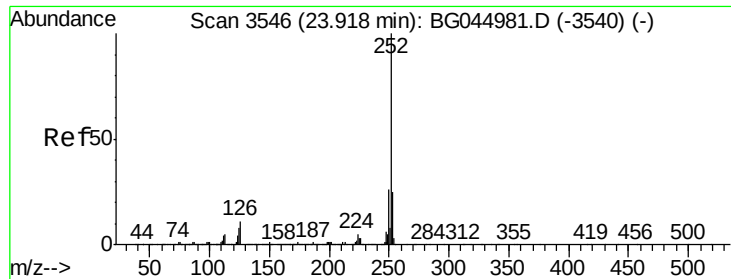


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.229 ng

RT: 23.85 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

Instrument :

BNA_G

ClientSampleId :

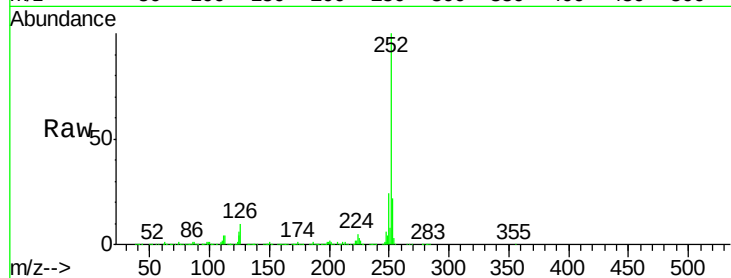
Tot Ion:252 Resp: 1079787

Ion Ratio Lower Upper

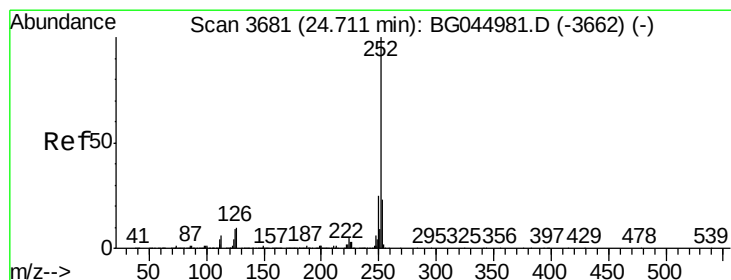
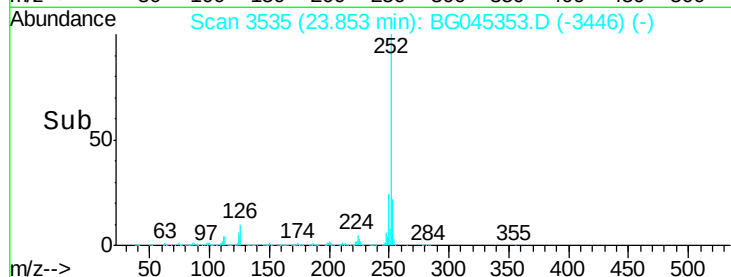
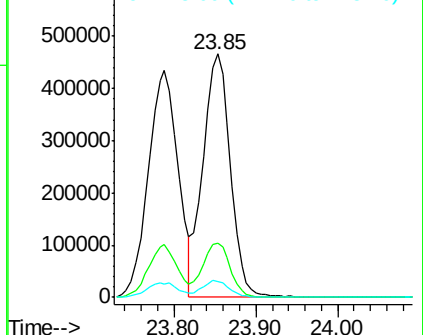
252 100

253 22.4 19.2 28.8

125 6.4 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.350 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG045353.D

Acq: 13 May 2020 8:23

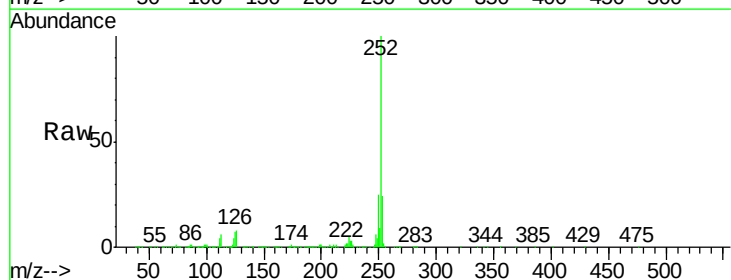
Tgt Ion:252 Resp: 1019329

Ion Ratio Lower Upper

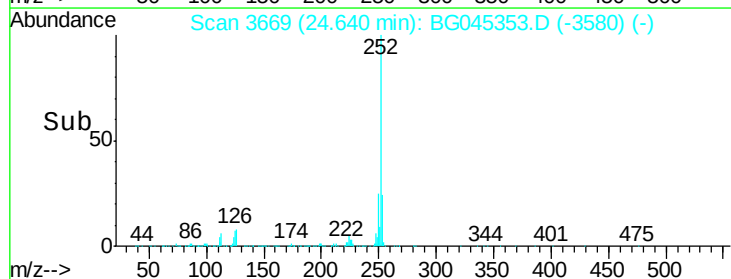
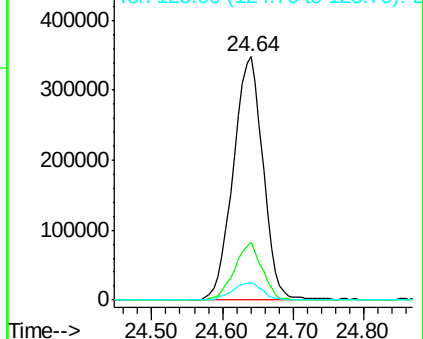
252 100

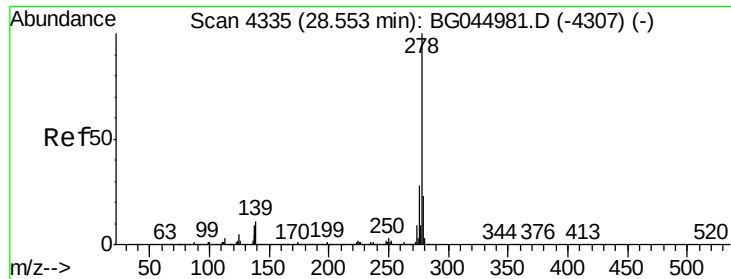
253 23.6 18.3 27.5

125 7.2 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

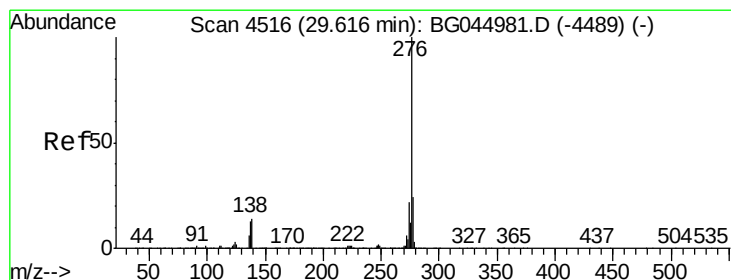
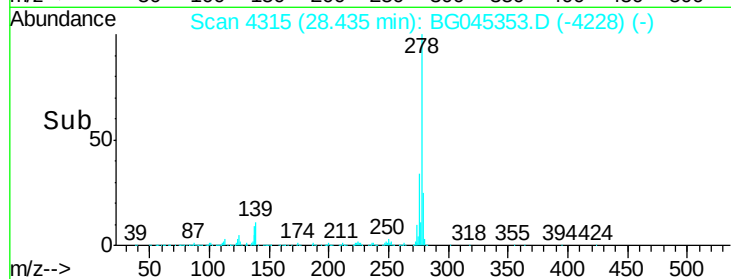
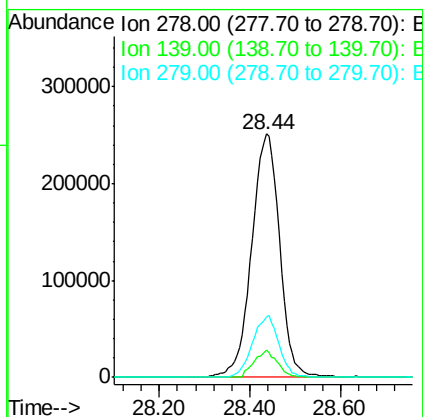
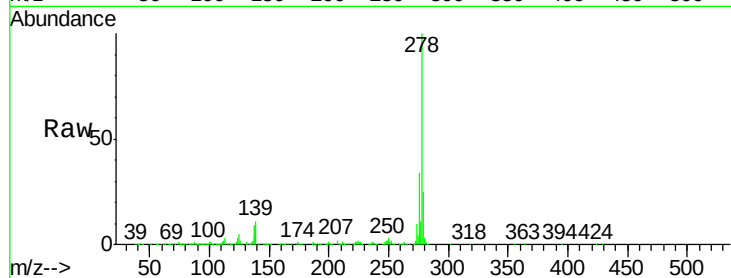




#91
Dibenzo(a,h)anthracene
Concen: 38.060 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.02 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1075427
Ion Ratio Lower Upper
278 100
139 11.0 9.0 13.6
279 24.9 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 38.333 ng
RT: 29.50 min Scan# 4497
Delta R.T. -0.01 min
Lab File: BG045353.D
Acq: 13 May 2020 8:23

Tgt Ion:276 Resp: 1085924
Ion Ratio Lower Upper
276 100
277 24.4 19.3 28.9
138 13.5 11.4 17.2

