

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040962.D
 Acq On : 30 May 2019 22:43
 Operator : HP/JU
 Sample : K3084-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 31 04:04:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	66997	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	263365	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	182876	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	461186	20.00	ng	0.00
76) Chrysene-d12	21.78	240	460439	20.00	ng	0.00
87) Perylene-d12	25.12	264	487030	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	534845	143.95	ng	0.00
7) Phenol-d6	7.27	99	766474	133.58	ng	0.00
23) Nitrobenzene-d5	9.30	82	514339	86.70	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	382415	140.86	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1041311	82.00	ng	0.00
79) Terphenyl-d14	20.09	244	1711177	78.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	63919	37.912	ng	96
3) Pyridine	3.93	79	170491	34.175	ng	98
4) n-Nitrosodimethylamine	3.85	42	105950	45.760	ng	95
6) Aniline	7.45	93	172064	22.465	ng	98
8) 2-Chlorophenol	7.68	128	199700	45.084	ng	95
9) Benzaldehyde	7.26	77	95648	27.943	ng	91
10) Phenol	7.30	94	283191	46.029	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	188990	42.344	ng	99
12) 1,3-Dichlorobenzene	8.01	146	212158	40.102	ng	97
13) 1,4-Dichlorobenzene	8.16	146	217264	40.572	ng	94
14) 1,2-Dichlorobenzene	8.48	146	207025	39.816	ng	99
15) Benzyl Alcohol	8.36	79	234425	44.165	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	299931	41.125	ng	99
17) 2-Methylphenol	8.56	107	188758	42.374	ng	98
18) Hexachloroethane	9.21	117	83284	40.352	ng	97
19) n-Nitroso-di-n-propylamine	8.93	70	183592	41.576	ng	98
20) 3+4-Methylphenols	8.89	107	263516	42.706	ng	98
22) Acetophenone	8.95	105	339292	45.926	ng	# 98
24) Nitrobenzene	9.35	77	273617	45.258	ng	98
25) Isophorone	9.86	82	505139	44.742	ng	98
26) 2-Nitrophenol	10.06	139	119718	48.034	ng	96
27) 2,4-Dimethylphenol	10.10	122	206275	50.112	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	268294	44.030	ng	99
29) 2,4-Dichlorophenol	10.59	162	238511	45.629	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	249284	41.922	ng	99
31) Naphthalene	11.00	128	621884	43.979	ng	98
32) Benzoic acid	10.17	122	13207	11.557	ng	92
33) 4-Chloroaniline	11.10	127	98468	15.008	ng	95
34) Hexachlorobutadiene	11.26	225	180974	39.776	ng	97
35) Caprolactam	11.89	113	59773	34.628	ng	96
36) 4-Chloro-3-methylphenol	12.21	107	259274	43.431	ng	93
37) 2-Methylnaphthalene	12.59	142	454037	41.691	ng	99
38) 1-Methylnaphthalene	12.81	142	435030	42.390	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	330118	44.787	ng	98

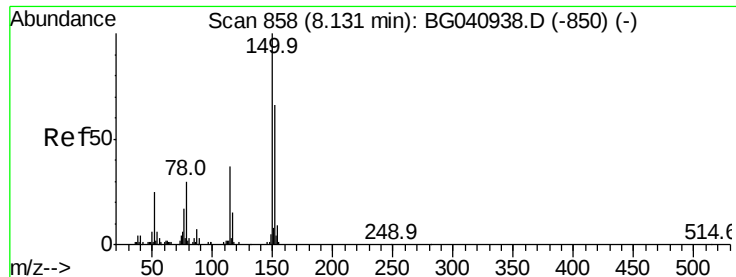
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	420850	103.518	ng	97
43) 2,4,6-Trichlorophenol	13.19	196	218842	45.895	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	236177	46.964	ng	98
46) 1,1'-Biphenyl	13.59	154	608545	44.955	ng	100
47) 2-Chloronaphthalene	13.64	162	500363	43.056	ng	98
48) 2-Nitroaniline	13.85	65	188651	45.250	ng	98
49) Acenaphthylene	14.48	152	778276	44.497	ng	99
50) Dimethylphthalate	14.20	163	842401	54.417	ng	100
51) 2,6-Dinitrotoluene	14.33	165	152060	45.558	ng	98
52) Acenaphthene	14.82	154	457142	43.144	ng	98
53) 3-Nitroaniline	14.66	138	83692	25.075	ng	98
54) 2,4-Dinitrophenol	14.87	184	139035	79.961	ng	99
55) Dibenzofuran	15.15	168	786542	44.116	ng	98
56) 4-Nitrophenol	14.96	139	242783	106.051	ng	89
57) 2,4-Dinitrotoluene	15.12	165	216741	45.970	ng	# 99
58) Fluorene	15.80	166	609350	42.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	241803	48.927	ng	98
60) Diethylphthalate	15.56	149	684988	43.358	ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	389171	42.169	ng	97
62) 4-Nitroaniline	15.83	138	153863	43.545	ng	98
63) Azobenzene	16.08	77	631664	43.991	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	135960	53.760	ng	94
66) n-Nitrosodiphenylamine	16.00	169	575090	44.359	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	257160	41.318	ng	96
68) Hexachlorobenzene	16.79	284	266929	40.276	ng	99
69) Atrazine	16.94	200	257538	51.483	ng	97
70) Pentachlorophenol	17.14	266	352029	98.135	ng	96
71) Phenanthrene	17.54	178	1045289	43.513	ng	97
72) Anthracene	17.63	178	1076749	45.447	ng	99
73) Carbazole	17.90	167	967741	47.603	ng	99
74) Di-n-butylphthalate	18.44	149	1084129	42.907	ng	97
75) Fluoranthene	19.54	202	1327279	44.732	ng	98
77) Benzidine	19.72	184	504083	45.893	ng	97
78) Pyrene	19.90	202	1326411	44.315	ng	99
80) Butylbenzylphthalate	20.77	149	517353	44.415	ng	99
81) Benzo(a)anthracene	21.76	228	1295479	42.267	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	229122	21.254	ng	99
83) Chrysene	21.83	228	1265649	43.151	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	708102	43.184	ng	99
85) Di-n-octyl phthalate	22.87	149	1200441	43.958	ng	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1551134	43.172	ng	# 99
88) Benzo(b)fluoranthene	24.05	252	1300286	44.018	ng	99
89) Benzo(k)fluoranthene	24.12	252	1287566	44.047	ng	98
90) Benzo(a)pyrene	24.96	252	1294552	45.933	ng	97
91) Dibenzo(a,h)anthracene	29.03	278	1278915	45.414	ng	99
92) Benzo(g,h,i)perylene	30.17	276	1287458	47.058	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

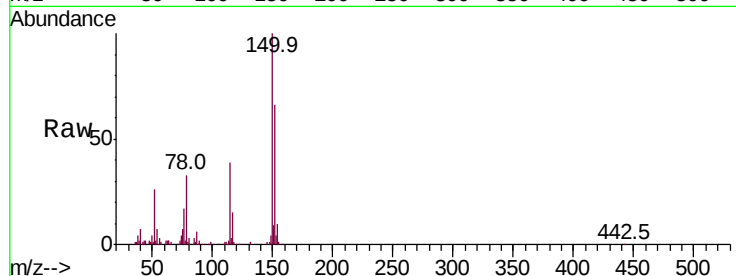
Tot Ion:152 Resp: 66997

Ion Ratio Lower Upper

152 100

150 151.5 120.6 180.8

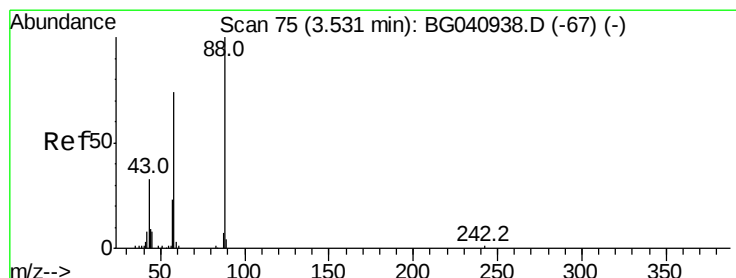
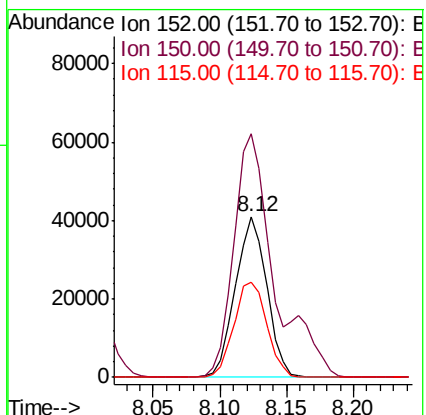
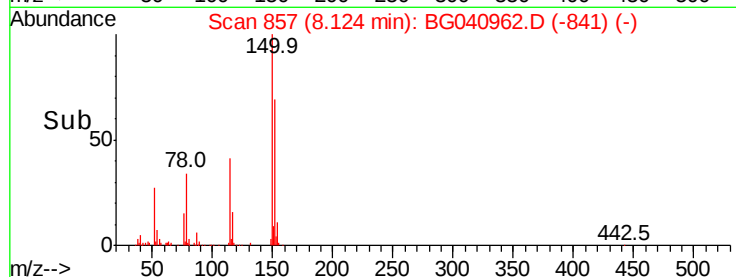
115 59.4 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.912 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

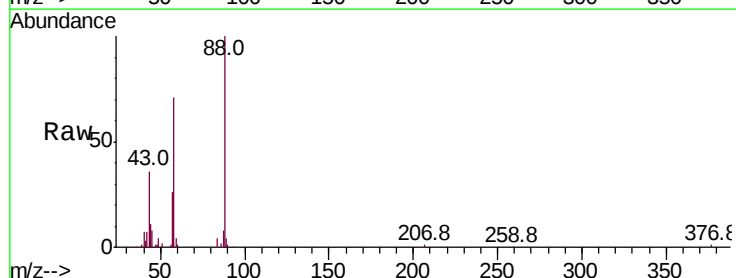
Tgt Ion: 88 Resp: 63919

Ion Ratio Lower Upper

88 100

58 77.6 59.0 88.6

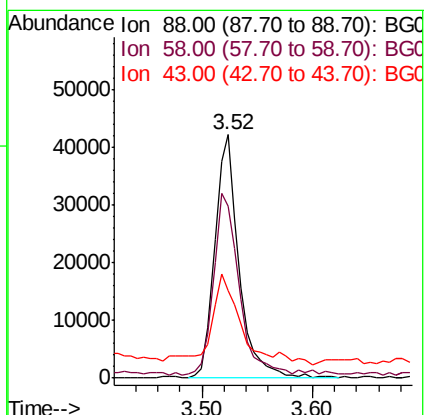
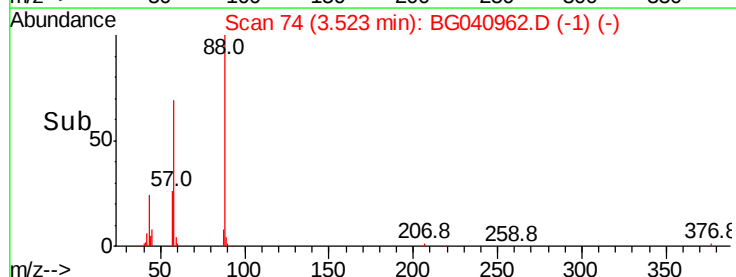
43 32.9 27.2 40.8

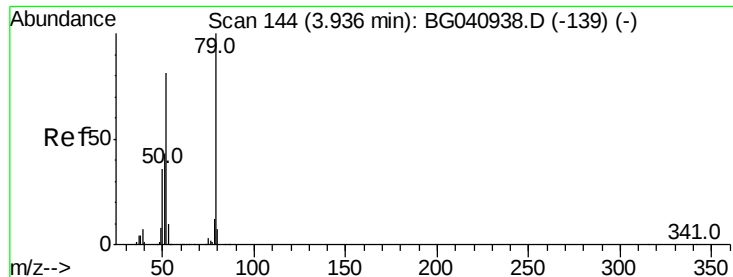


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.175 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

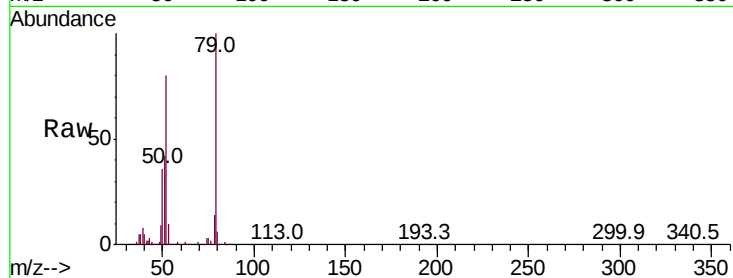
Tot Ion: 79 Resp: 170491

Ion Ratio Lower Upper

79 100

52 80.4 64.8 97.2

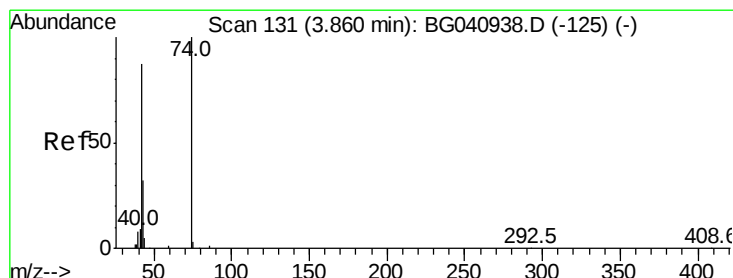
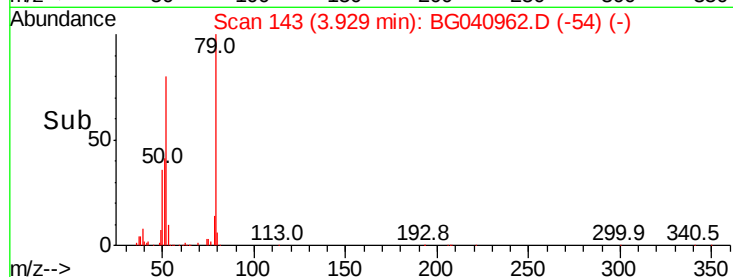
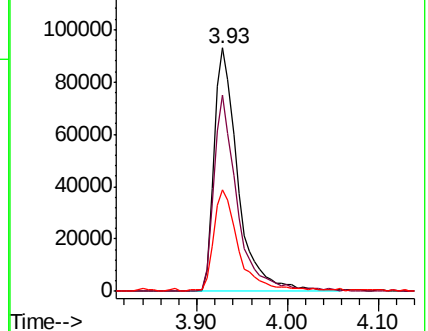
51 41.9 35.3 52.9



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: 45.760 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

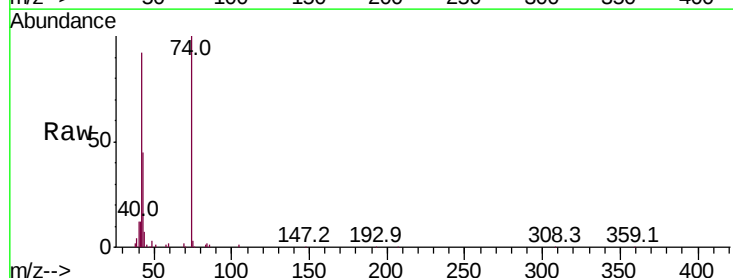
Tgt Ion: 42 Resp: 105950

Ion Ratio Lower Upper

42 100

74 109.3 91.8 137.6

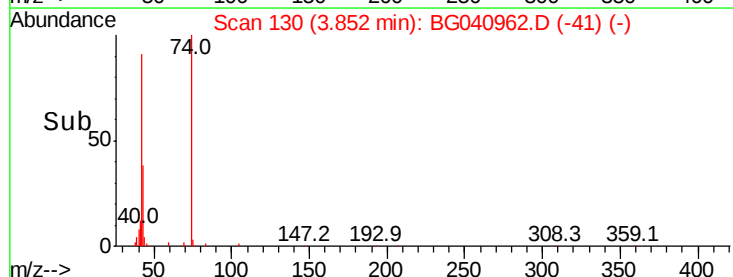
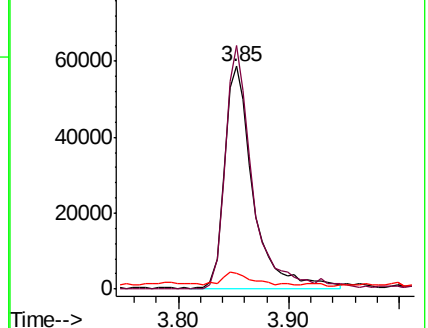
44 7.3 6.0 9.0

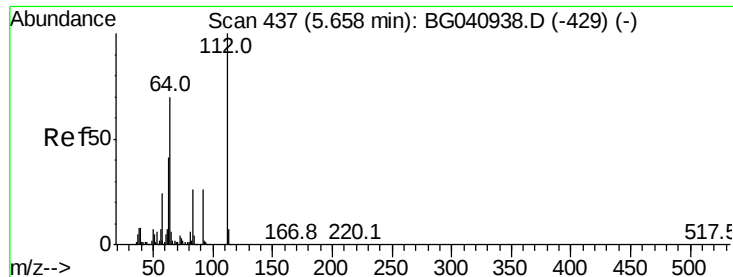


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 143.952 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

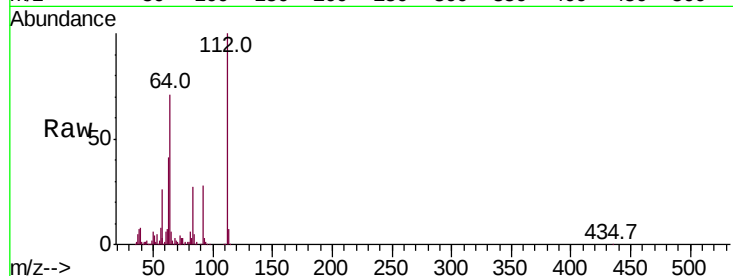
Tot Ion:112 Resp: 534845

Ion Ratio Lower Upper

112 100

64 71.0 56.2 84.2

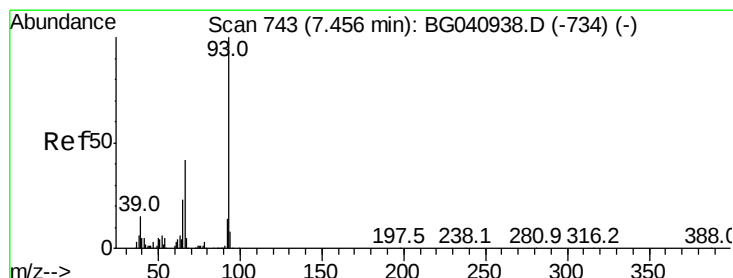
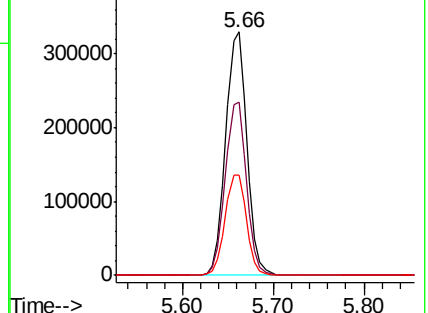
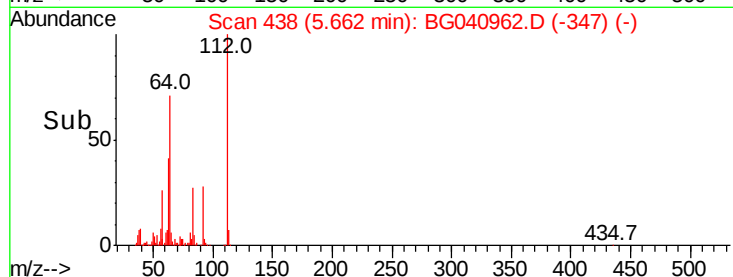
63 41.4 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.465 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

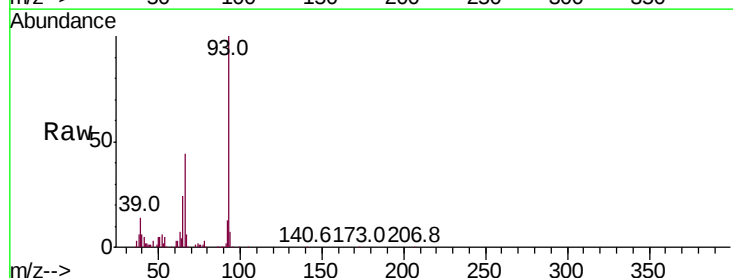
Tgt Ion: 93 Resp: 172064

Ion Ratio Lower Upper

93 100

66 43.6 33.8 50.8

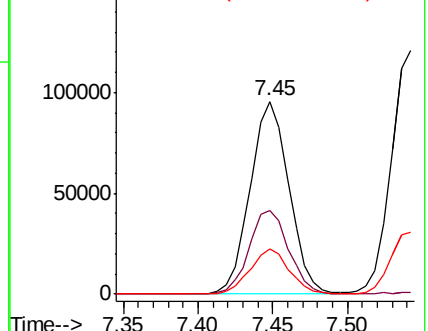
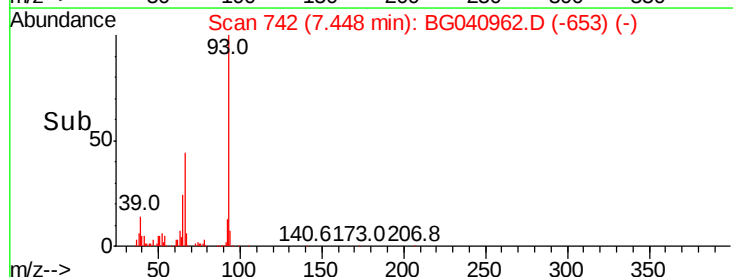
65 23.7 18.3 27.5

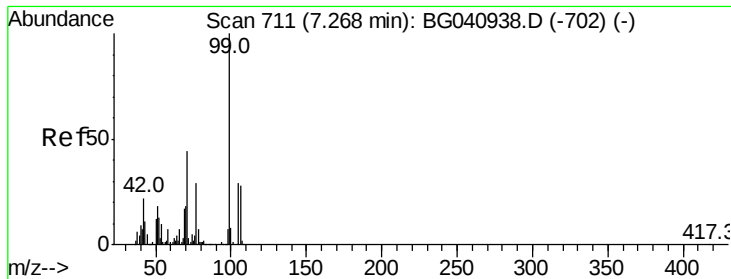


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.577 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampled :

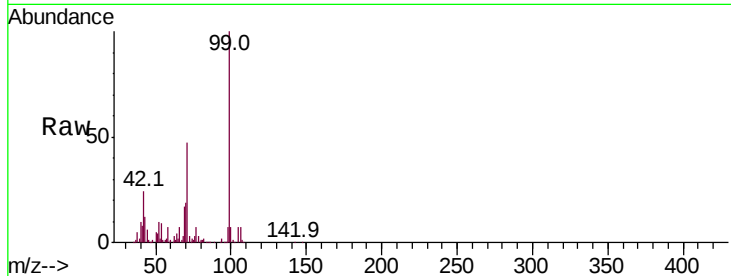
Tot Ion: 99 Resp: 766474

Ion Ratio Lower Upper

99 100

42 23.5 17.9 26.9

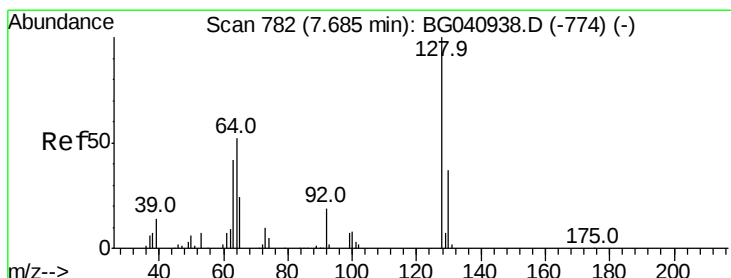
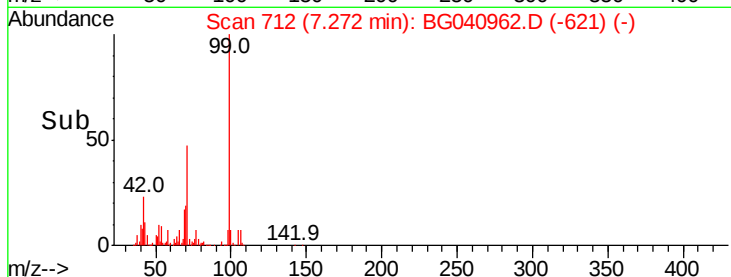
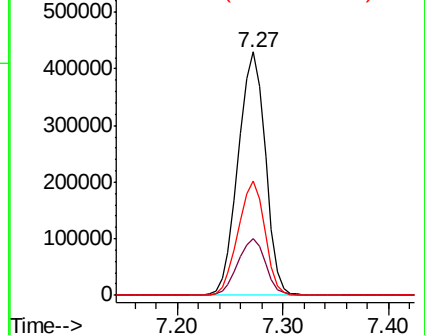
71 47.1 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.084 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

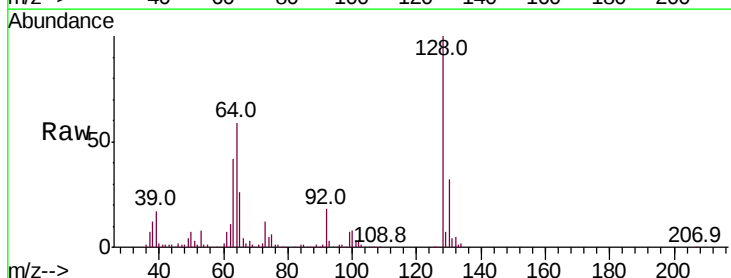
Tgt Ion:128 Resp: 199700

Ion Ratio Lower Upper

128 100

130 31.7 16.6 56.6

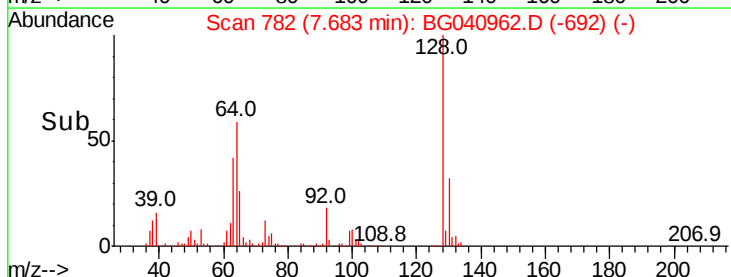
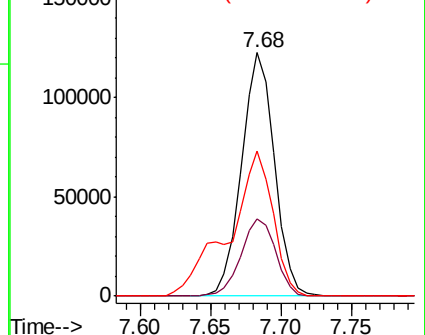
64 59.4 37.8 77.8

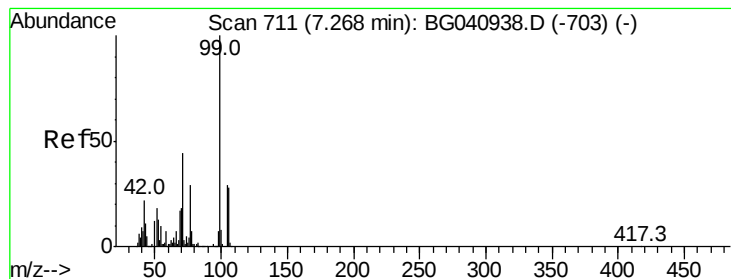


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.943 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampled :

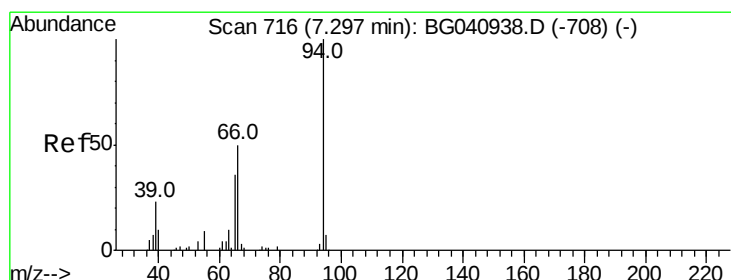
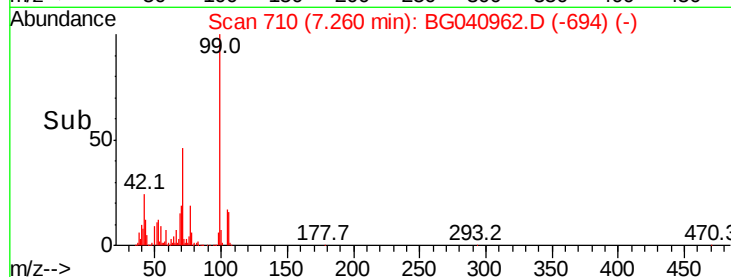
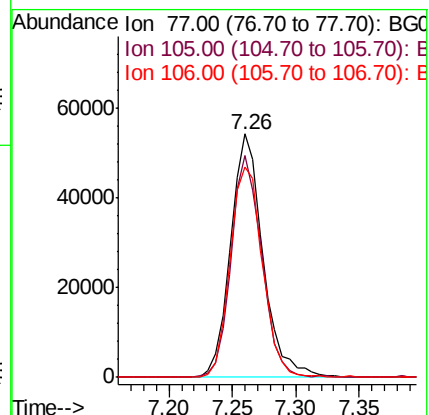
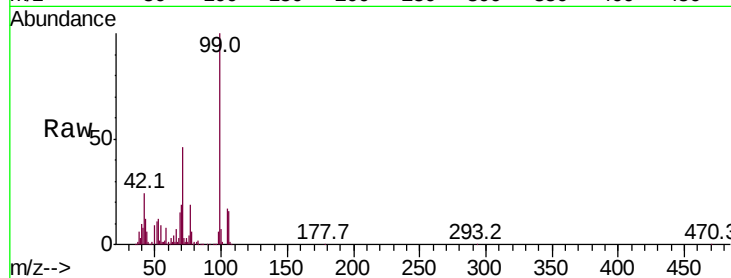
Tot Ion: 77 Resp: 95648

Ion Ratio Lower Upper

77 100

105 91.3 78.9 118.9

106 86.2 76.7 116.7



#10

Phenol

Concen: 46.029 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

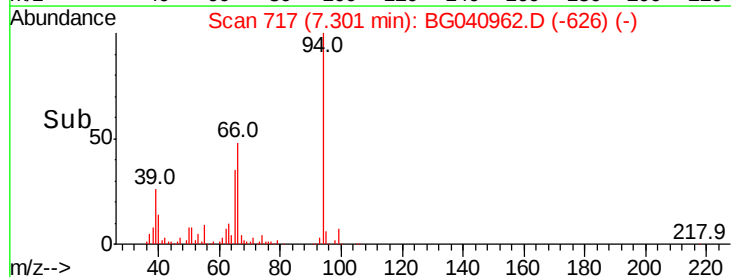
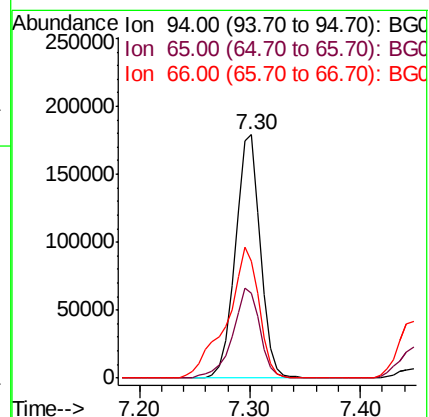
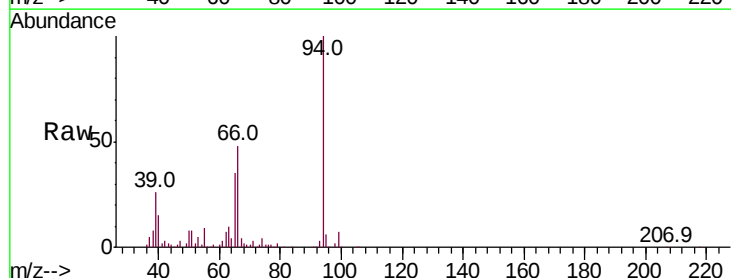
Tgt Ion: 94 Resp: 283191

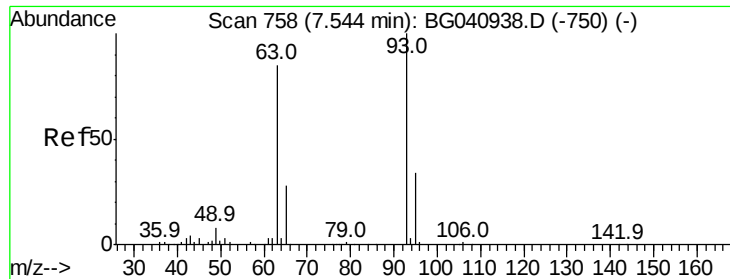
Ion Ratio Lower Upper

94 100

65 34.7 17.0 57.0

66 48.1 32.4 72.4



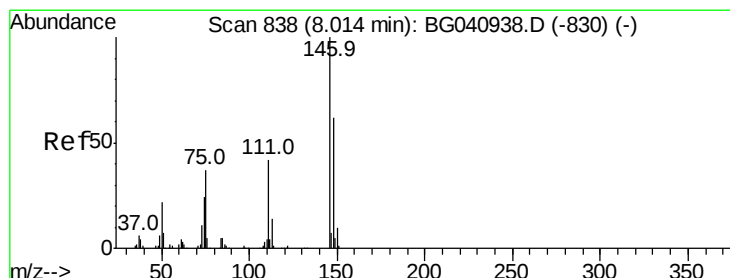
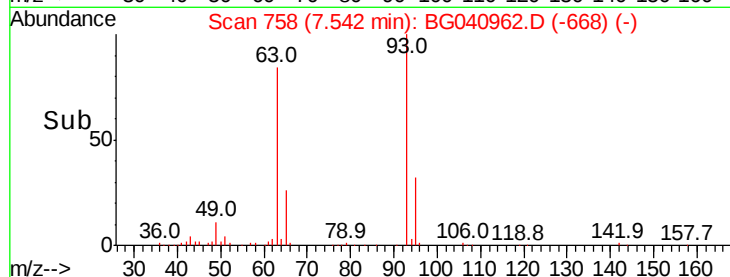
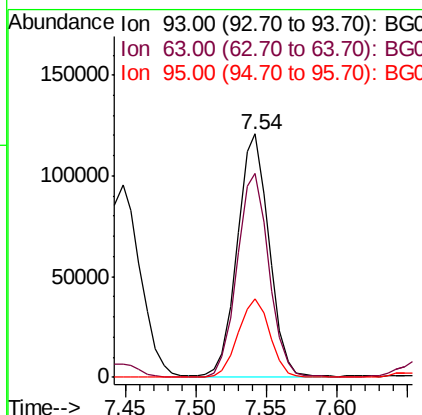
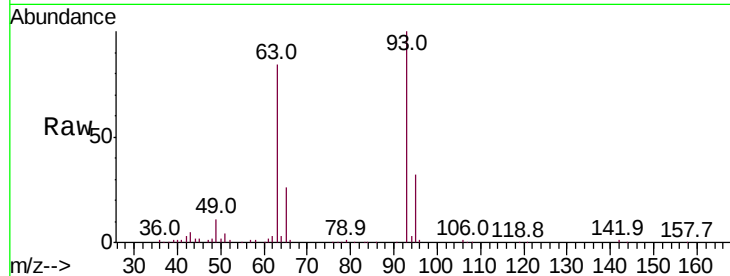


#11
 bis(2-Chloroethyl)ether
 Concen: 42.344 ng
 RT: 7.54 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 188990

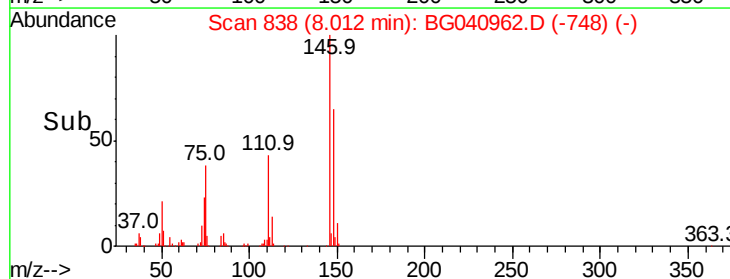
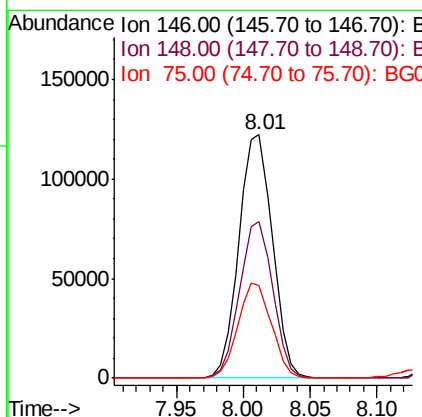
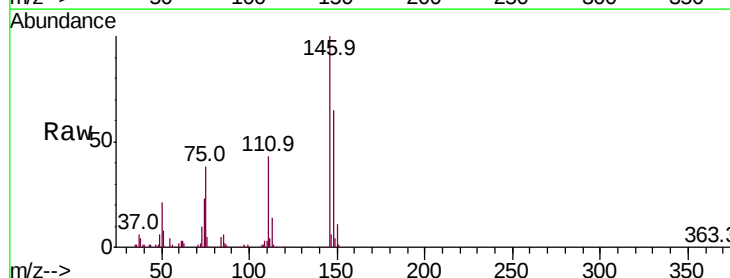
Ion	Ratio	Lower	Upper
93	100		
63	84.0	64.5	104.5
95	32.2	13.3	53.3

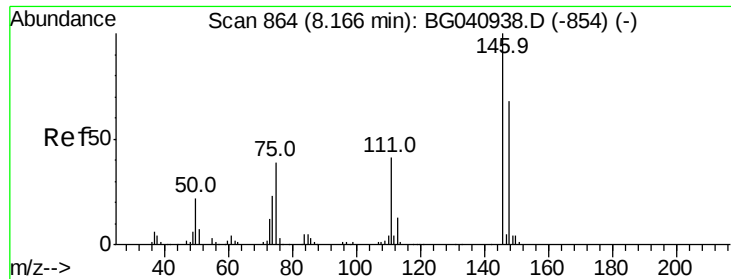


#12
 1,3-Dichlorobenzene
 Concen: 40.102 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion: 146 Resp: 212158

Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.2	73.8
75	38.3	29.4	44.0





#13

1,4-Dichlorobenzene

Concen: 40.572 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

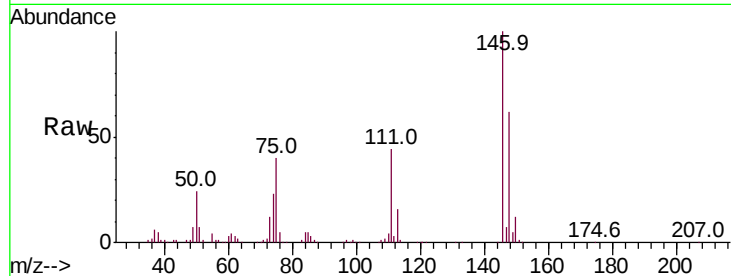
Tot Ion:146 Resp: 217264

Ion Ratio Lower Upper

146 100

148 62.3 54.2 81.4

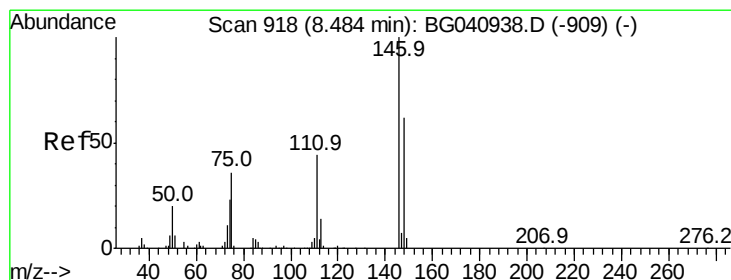
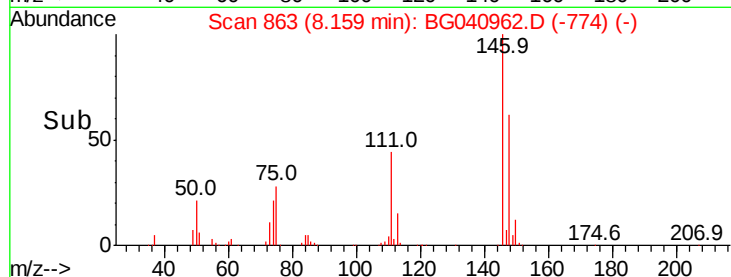
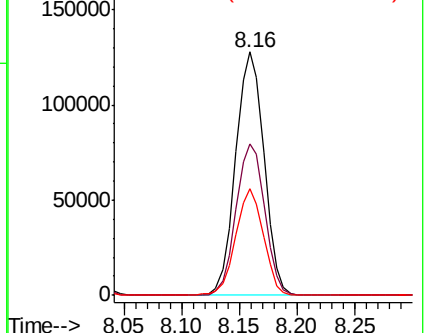
111 44.0 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.816 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

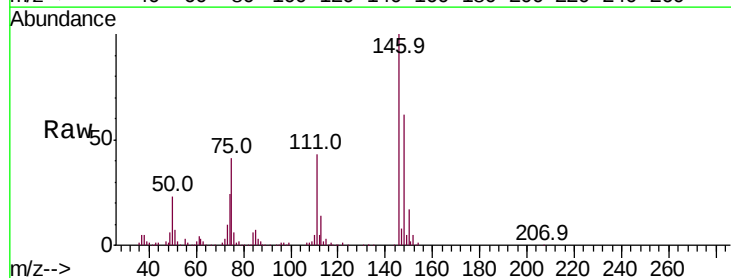
Tgt Ion:146 Resp: 207025

Ion Ratio Lower Upper

146 100

148 61.8 49.8 74.6

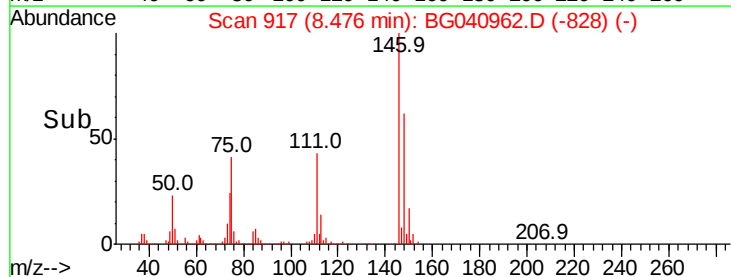
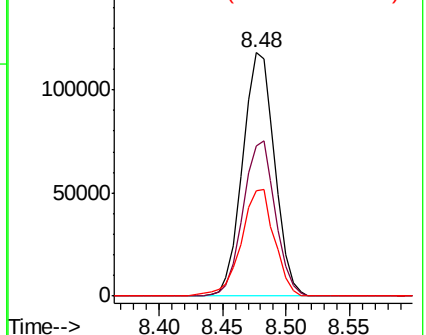
111 43.1 35.0 52.4

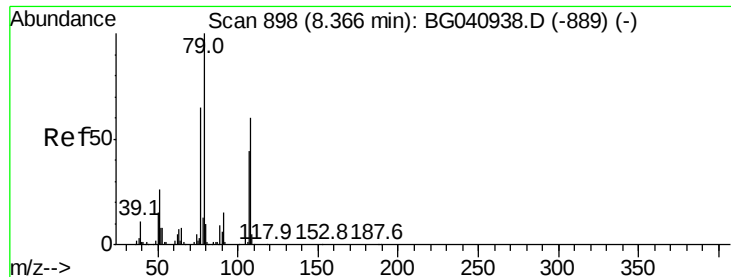


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.165 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

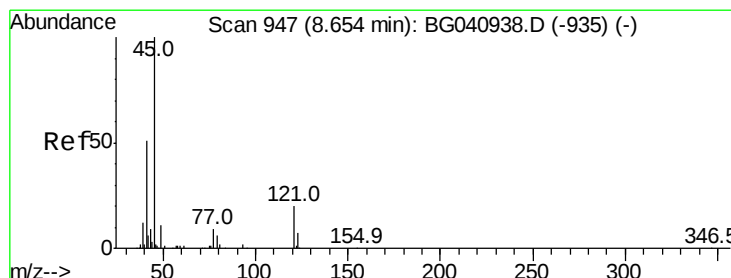
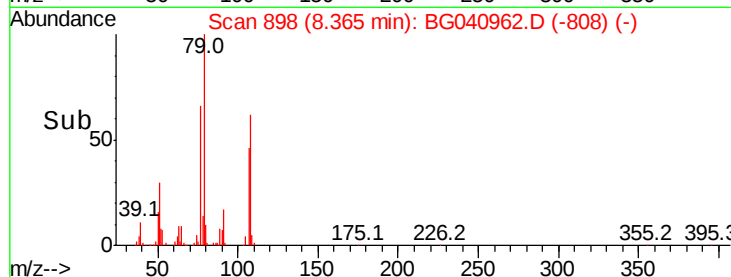
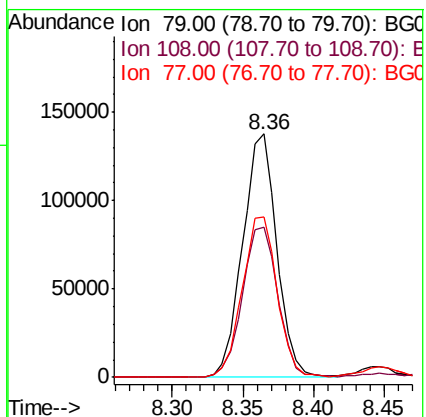
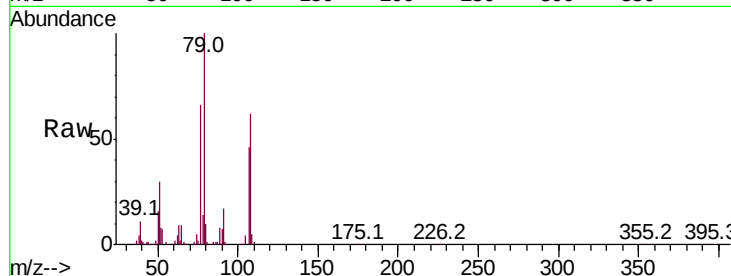
Tot Ion: 79 Resp: 234425

Ion	Ratio	Lower	Upper
79	100		
108	61.6	48.3	72.5
77	66.1	52.3	78.5

79 100

108 61.6 48.3 72.5

77 66.1 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.125 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

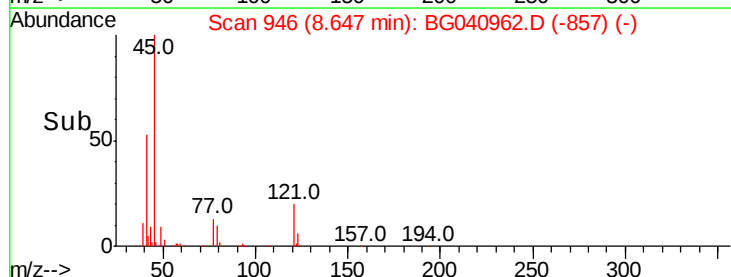
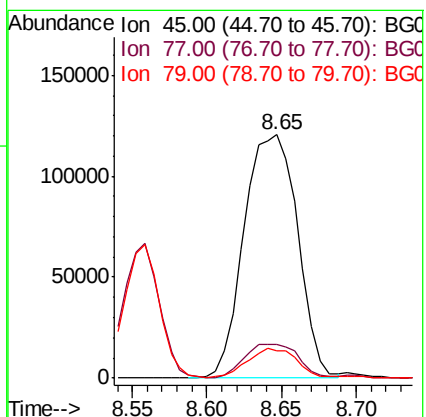
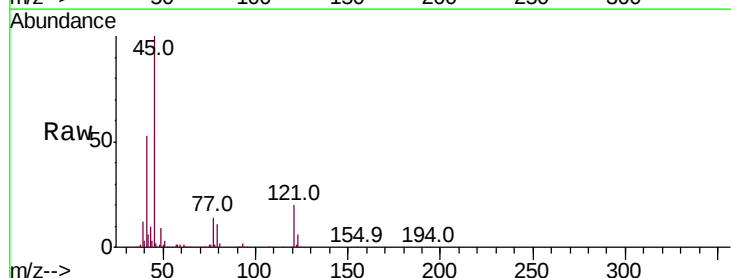
Tgt Ion: 45 Resp: 299931

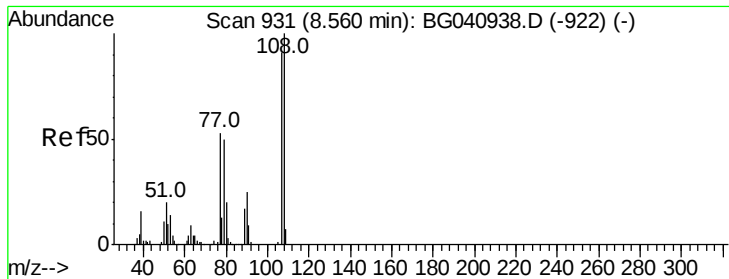
Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.7
79	11.0	0.0	30.2

45 100

77 13.8 0.0 33.7

79 11.0 0.0 30.2





#17

2-Methylphenol

Concen: 42.374 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 188758

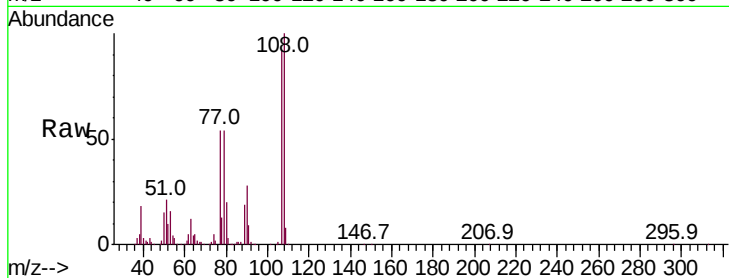
Ion Ratio Lower Upper

107 100

108 109.1 87.7 131.5

77 59.4 46.6 70.0

79 59.3 44.6 66.8

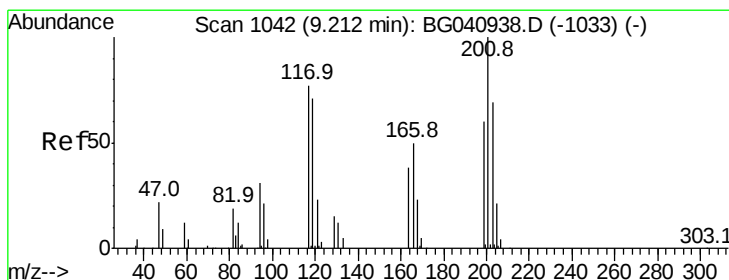
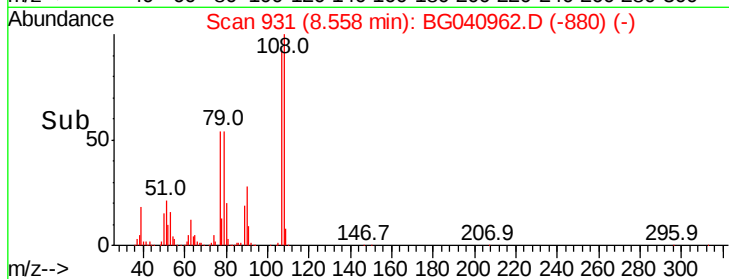
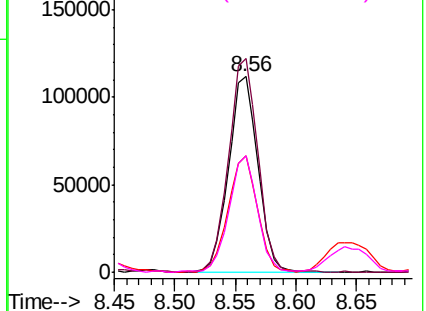


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.352 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

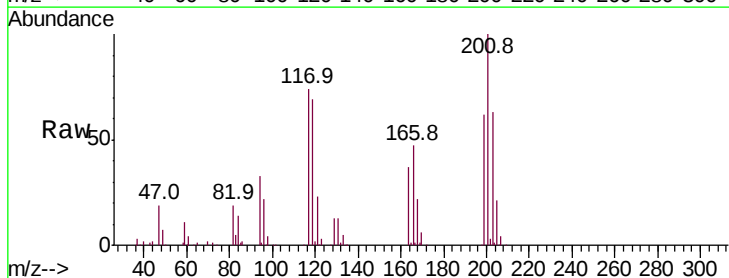
Tgt Ion:117 Resp: 83284

Ion Ratio Lower Upper

117 100

119 94.2 75.0 112.6

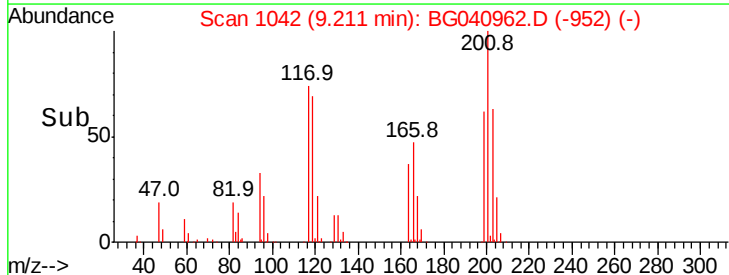
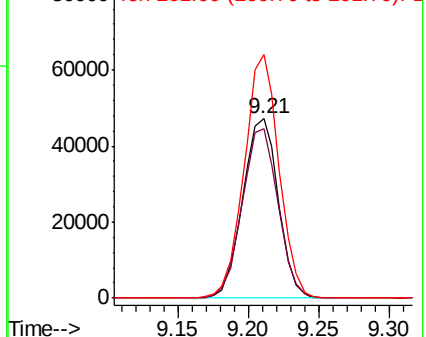
201 135.8 103.5 155.3

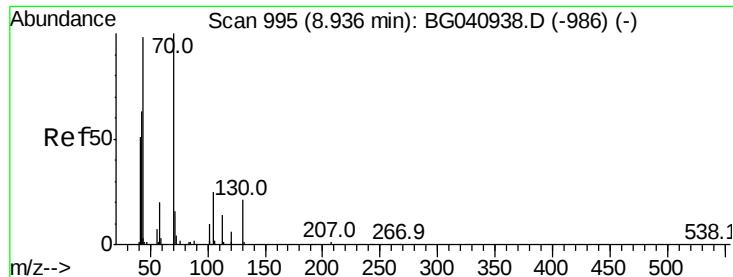


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.576 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 183592

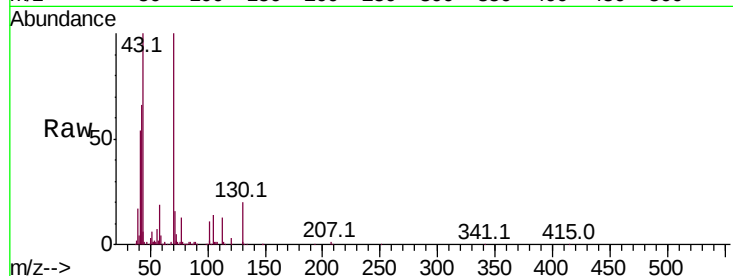
Ion Ratio Lower Upper

70 100

42 65.6 51.5 77.3

101 10.6 8.1 12.1

130 19.7 16.6 24.8

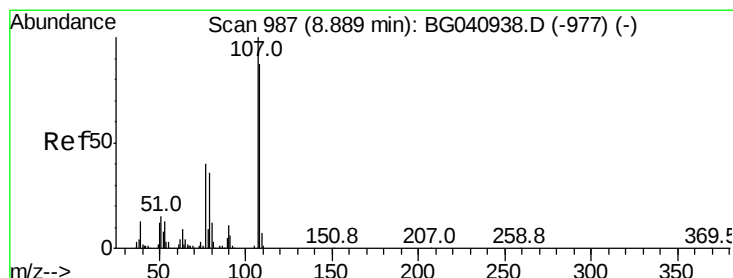
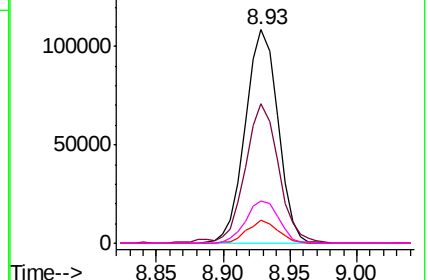
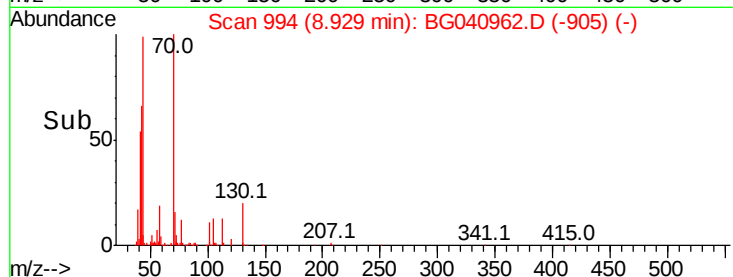


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 42.706 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Tgt Ion:107 Resp: 263516

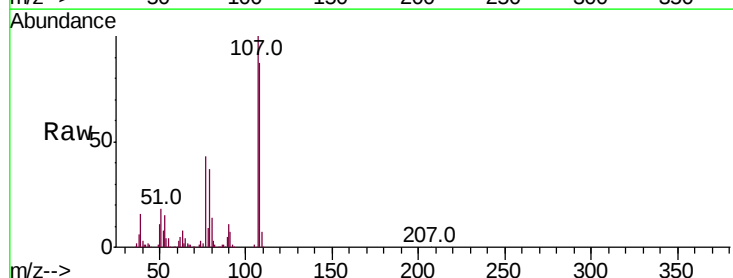
Ion Ratio Lower Upper

107 100

108 87.2 66.8 106.8

77 43.5 20.5 60.5

79 37.4 15.8 55.8

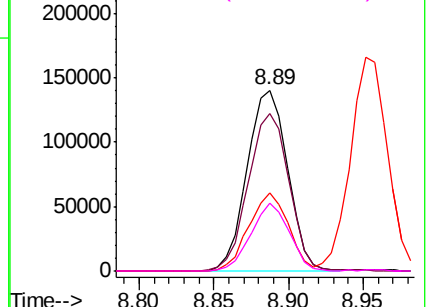
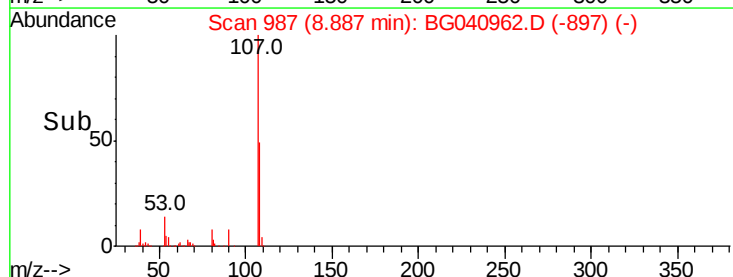


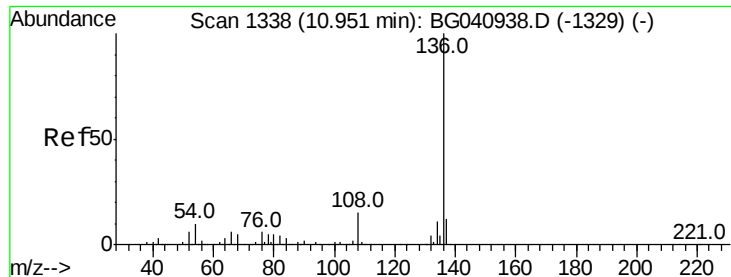
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 263365

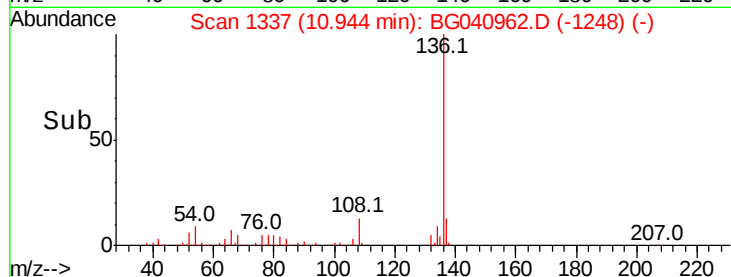
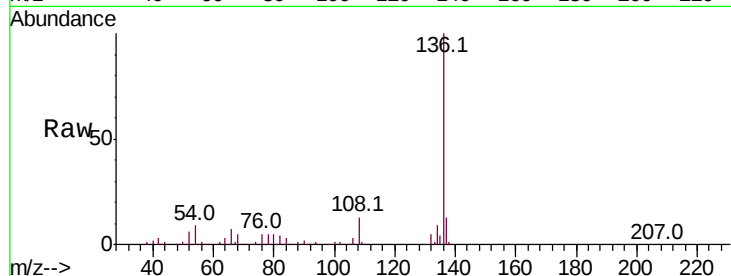
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 9.3 7.6 11.4

68 5.4 3.9 5.9

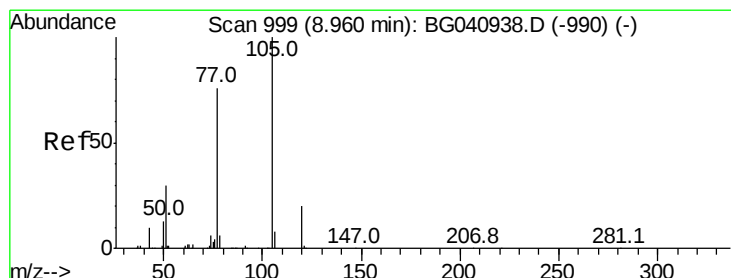
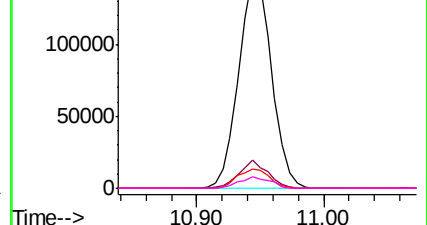


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.926 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Tgt Ion:105 Resp: 339292

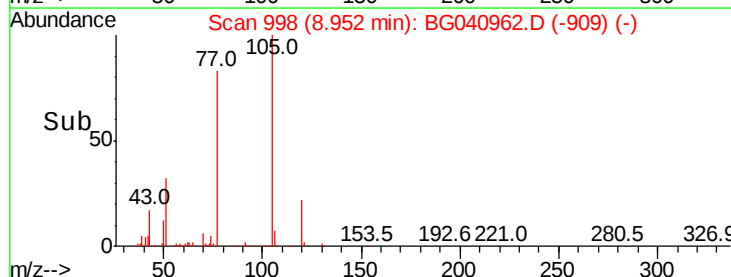
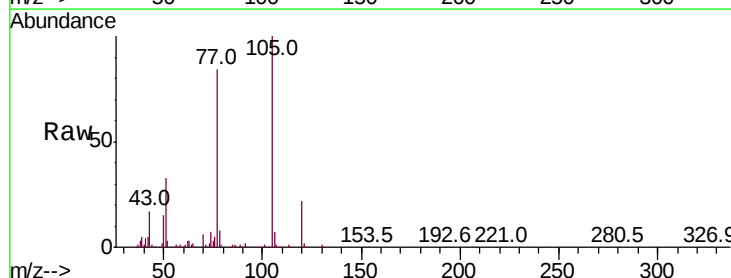
Ion Ratio Lower Upper

105 100

71 0.9 0.4 0.6#

51 32.6 27.0 40.6

120 21.7 16.2 24.4

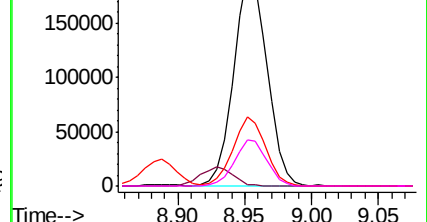


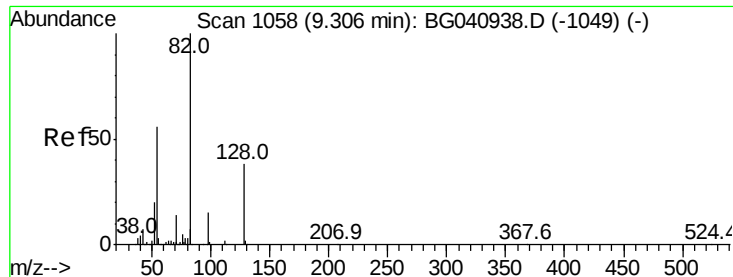
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

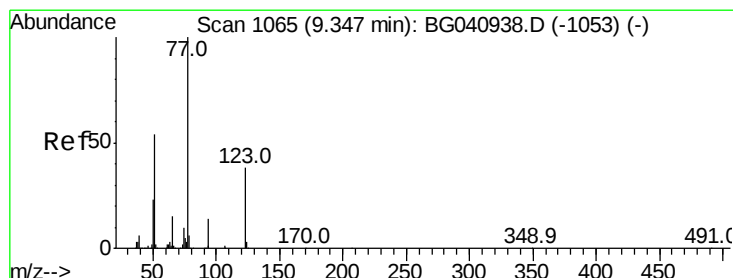
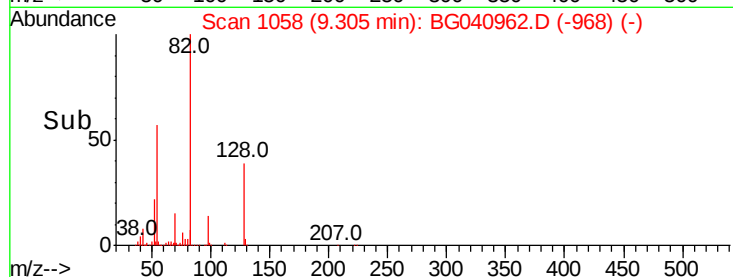
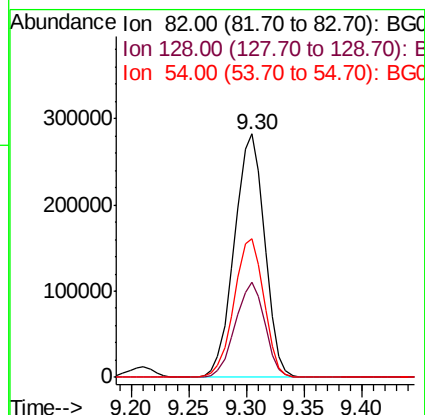
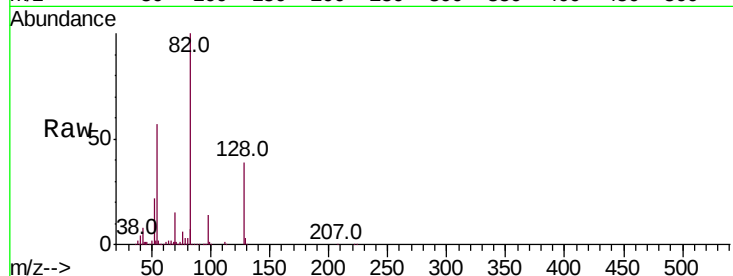




#23
 Nitrobenzene-d5
 Concen: 86.699 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

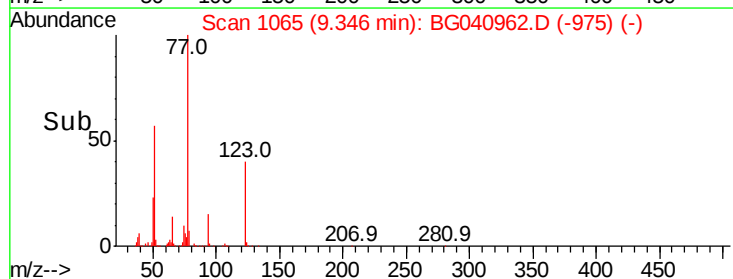
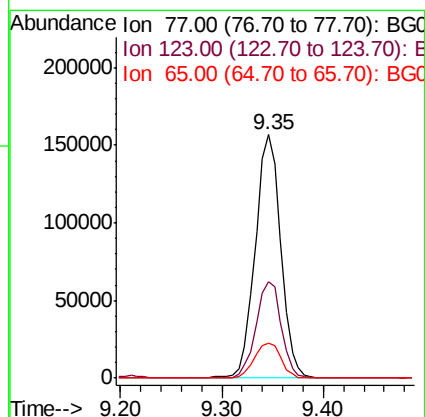
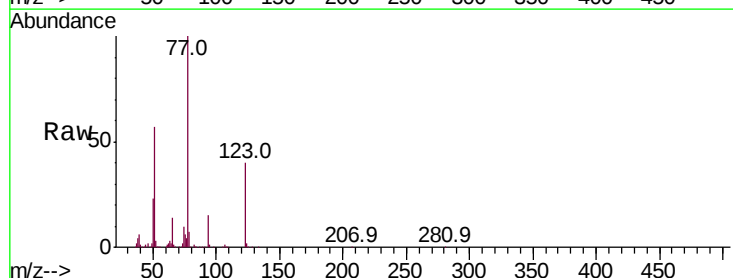
Instrument :
 BNA_G
 ClientSampleId :

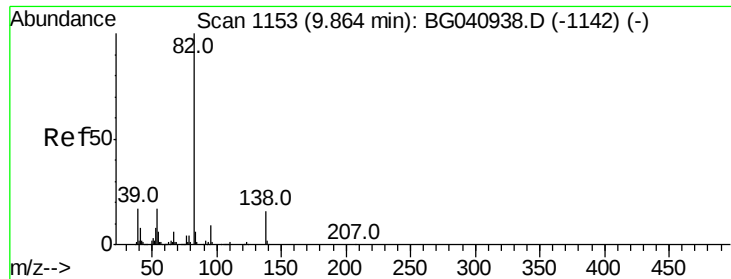
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	30.5	45.7
54	57.1	44.6	66.8



#24
 Nitrobenzene
 Concen: 45.258 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	30.6	46.0
65	14.3	12.3	18.5





#25

Isophorone

Concen: 44.742 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

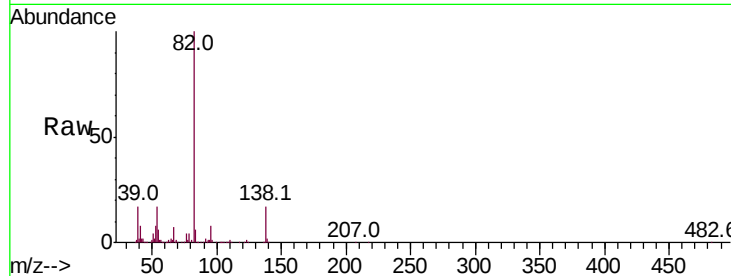
Tot Ion: 82 Resp: 505139

Ion Ratio Lower Upper

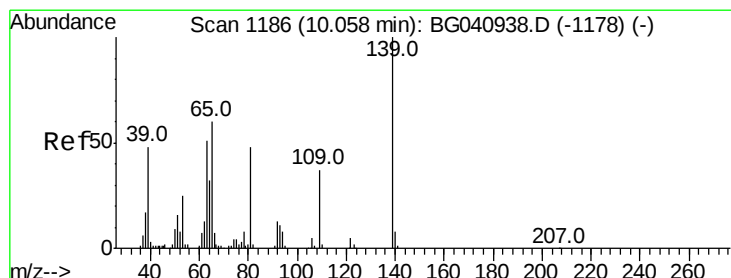
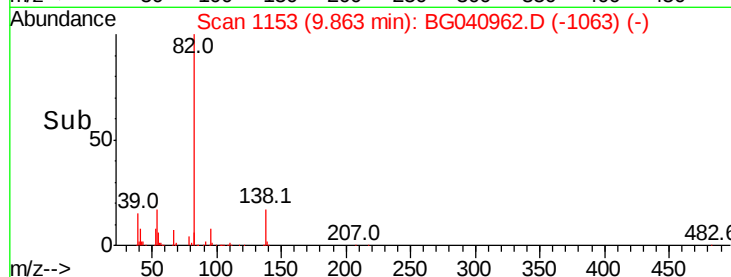
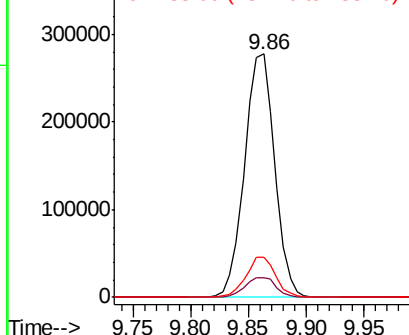
82 100

95 7.8 7.0 10.4

138 16.5 12.6 19.0



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



#26

2-Nitrophenol

Concen: 48.034 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

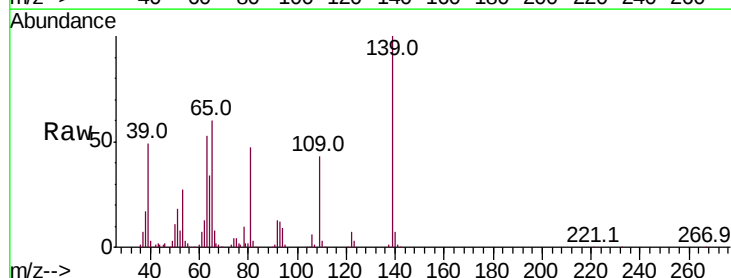
Tgt Ion: 139 Resp: 119718

Ion Ratio Lower Upper

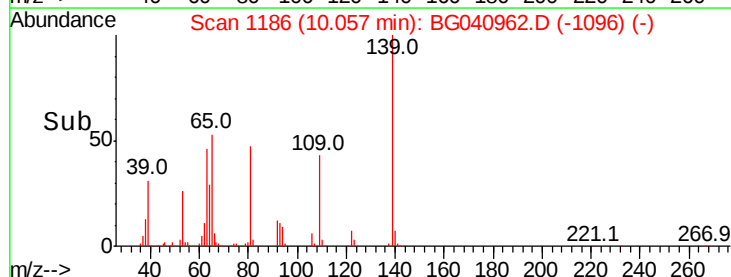
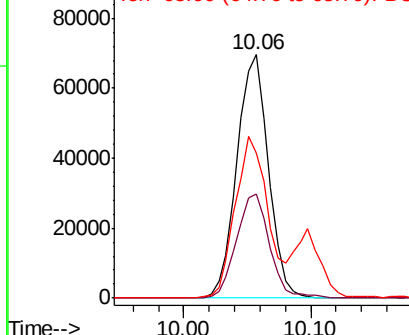
139 100

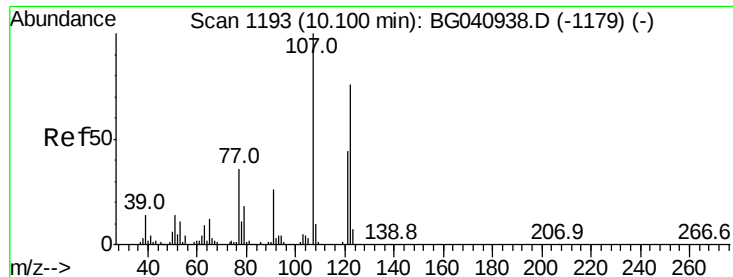
109 42.8 29.8 44.6

65 59.5 47.8 71.6



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

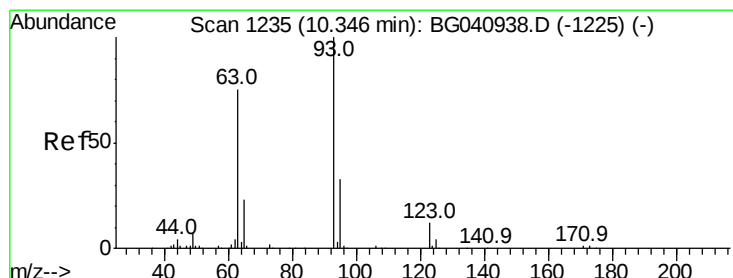
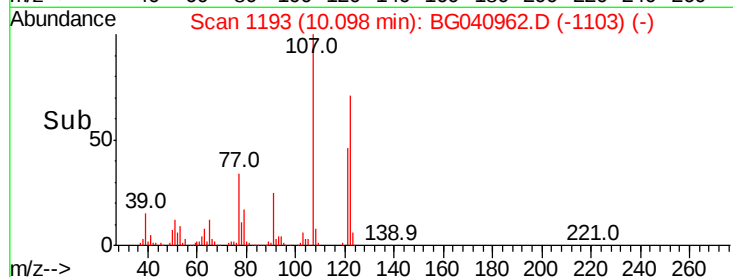
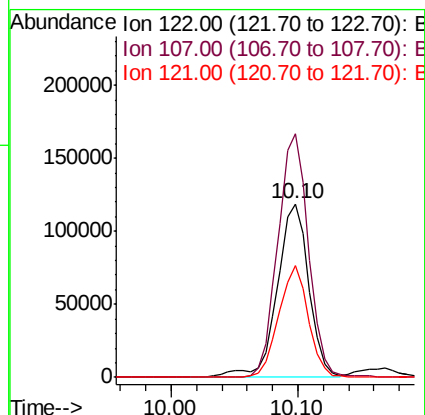
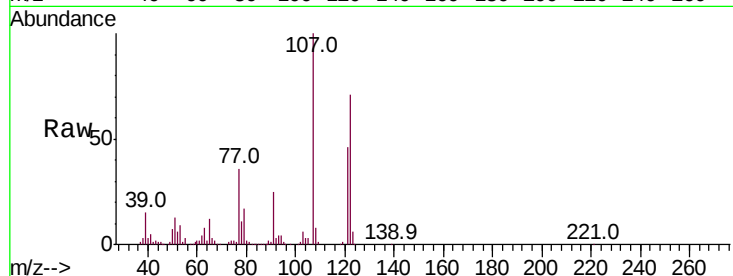




#27
 2,4-Dimethylphenol
 Concen: 50.112 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

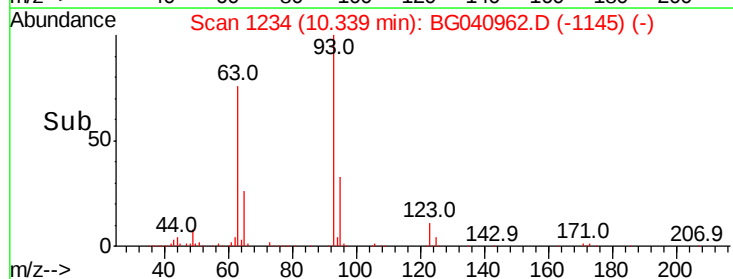
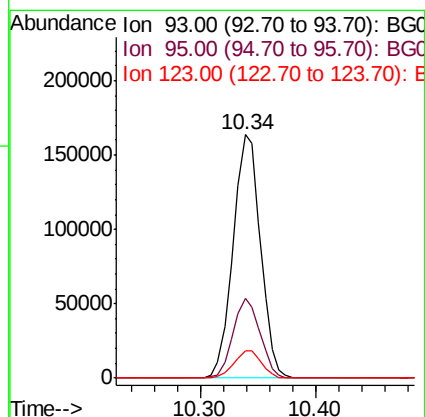
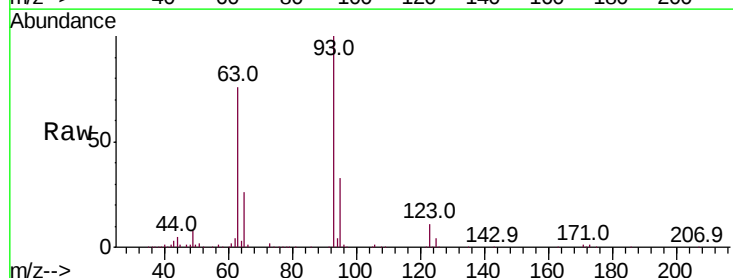
Instrument :
 BNA_G
 ClientSampleId :

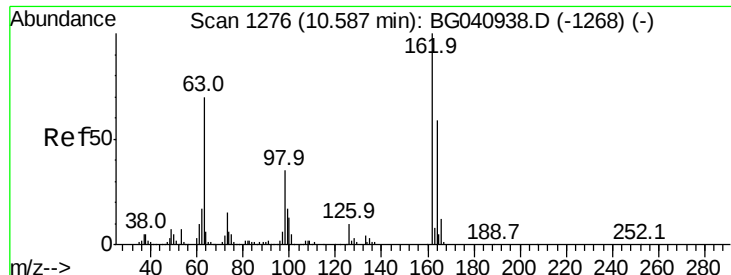
Tot Ion	Ratio	Lower	Upper
122	100		
107	140.3	105.9	158.9
121	64.1	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.030 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.1	9.5	14.3

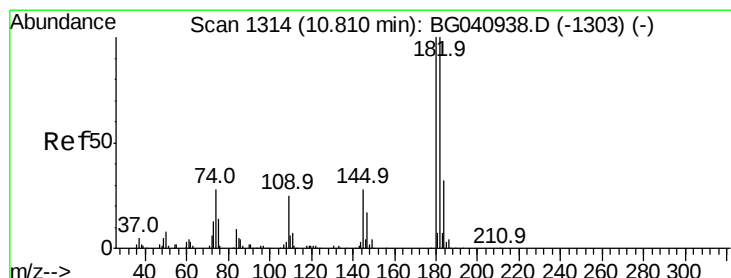
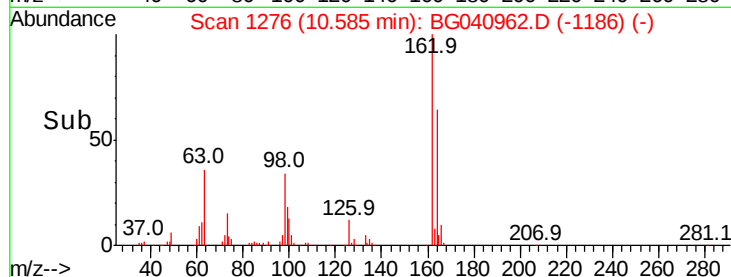
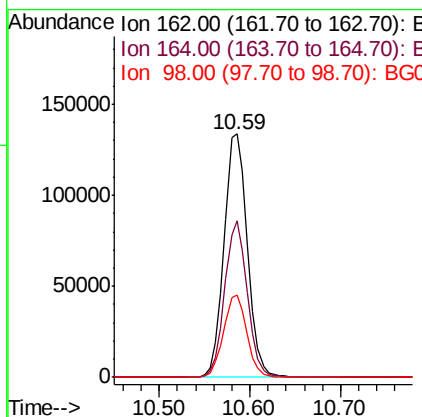
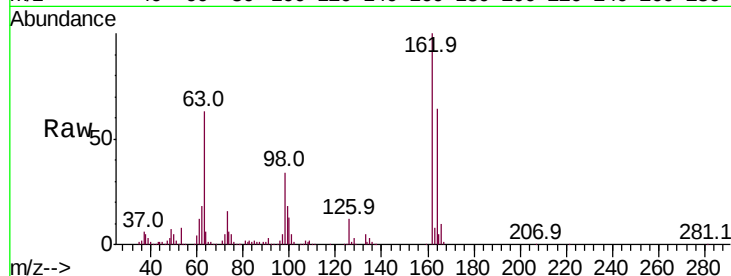




#29
 2,4-Dichlorophenol
 Concen: 45.629 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

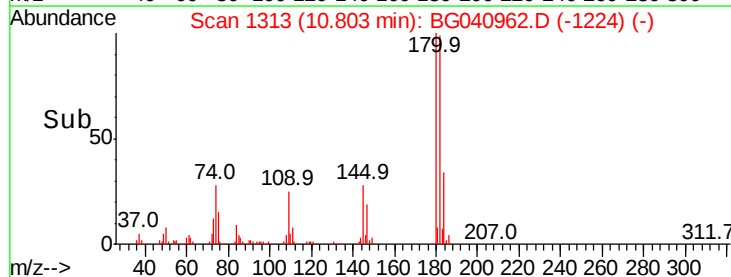
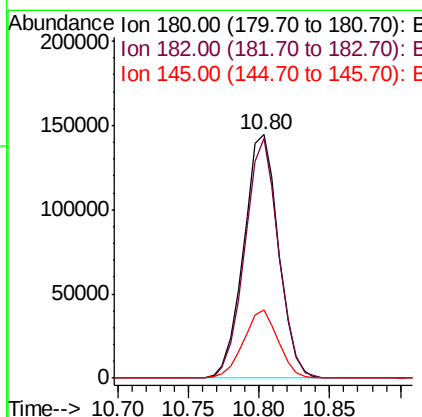
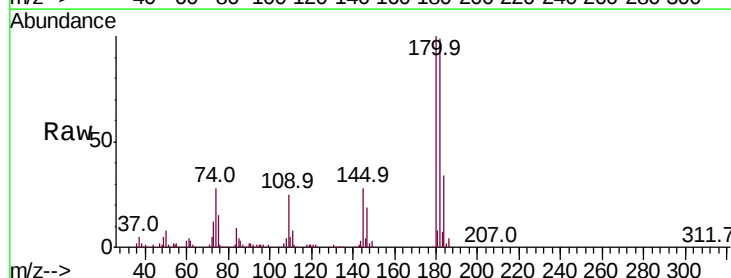
Instrument :
 BNA_G
 ClientSampleId :

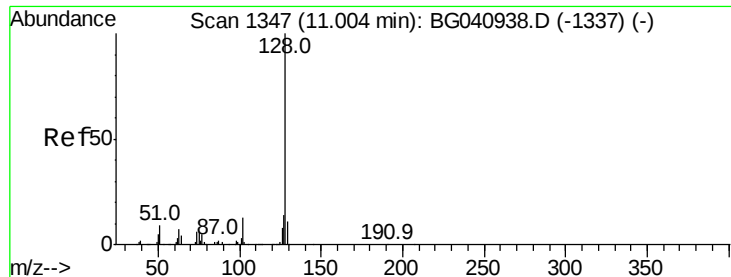
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	39.4	79.4
98	33.7	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.922 ng
 RT: 10.80 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	79.7	119.5
145	28.1	22.6	34.0

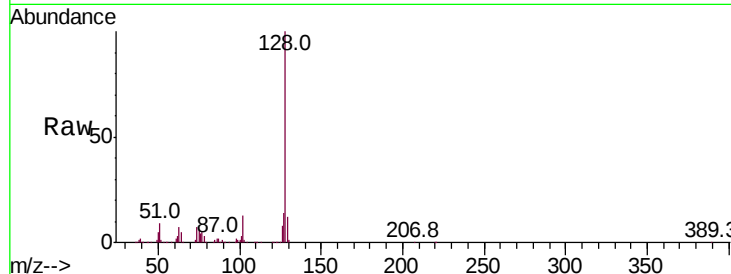




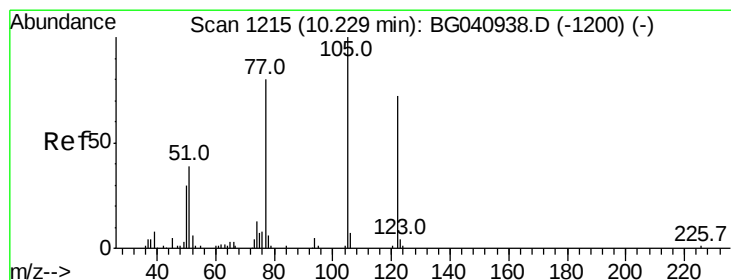
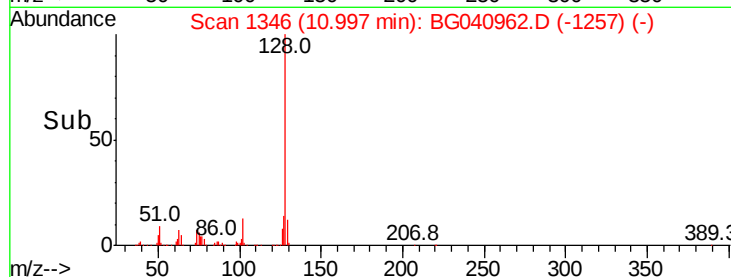
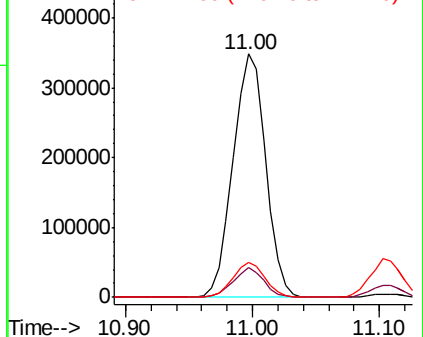
#31
Naphthalene
Concen: 43.979 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 621884
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 14.3 11.4 17.2

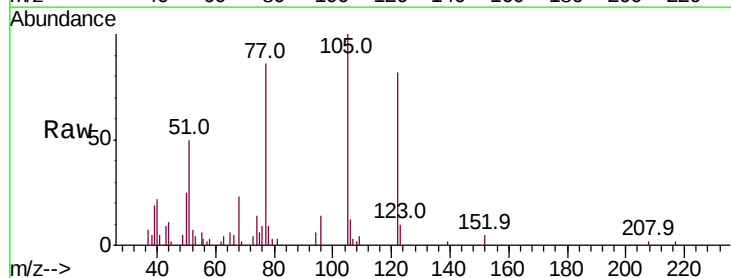


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

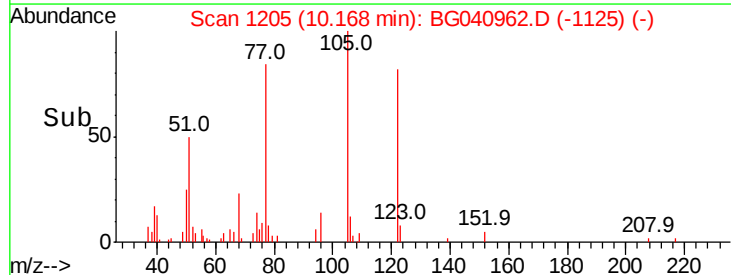
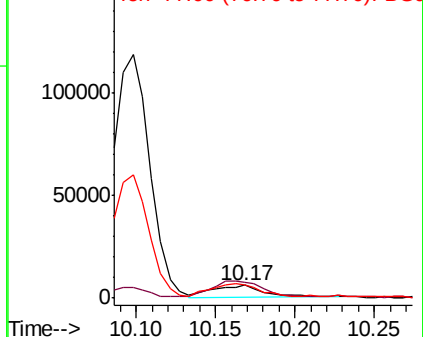


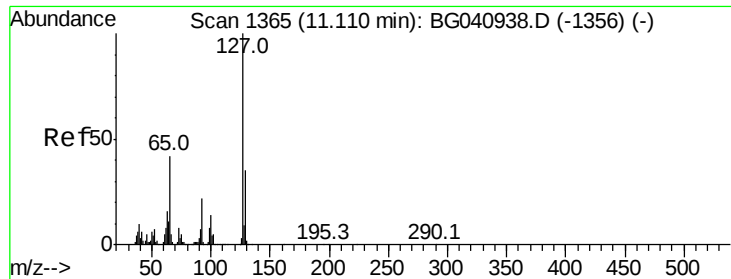
#32
Benzoic acid
Concen: 11.557 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.06 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion:122 Resp: 13207
Ion Ratio Lower Upper
122 100
105 122.1 114.8 154.8
77 105.0 89.9 129.9



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

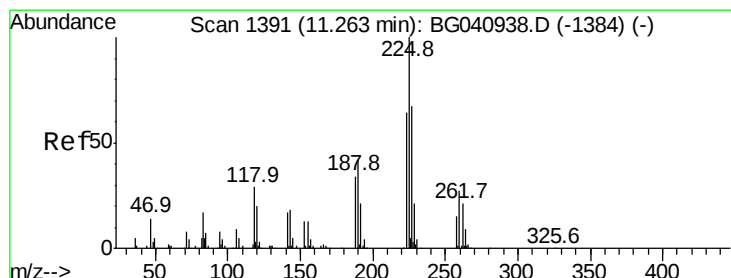
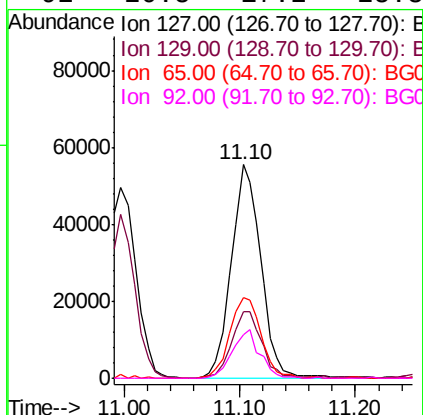
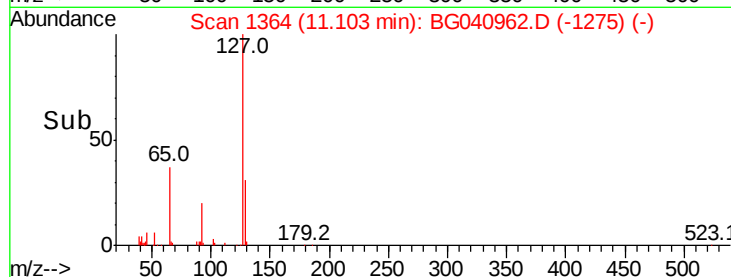
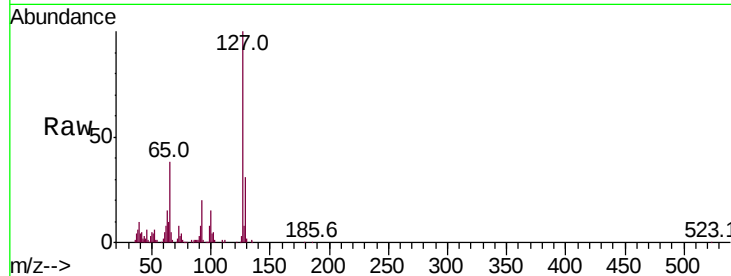




#33
4-Chloroaniline
Concen: 15.008 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

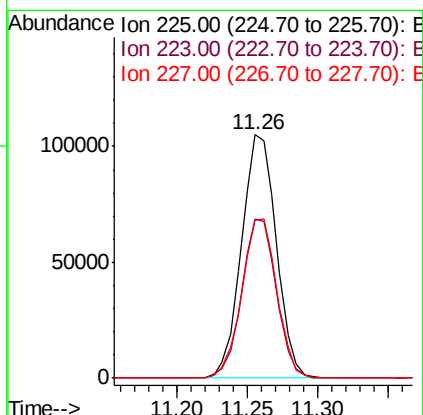
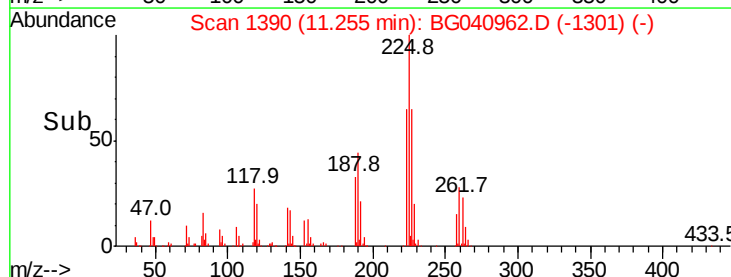
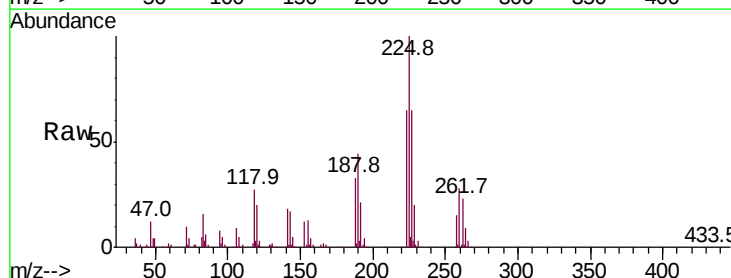
Instrument :
BNA_G
ClientSampleId :

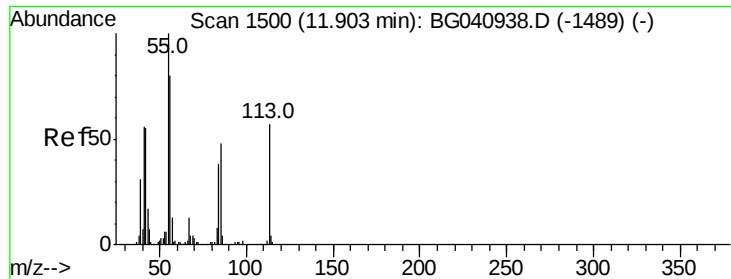
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.7	41.5
65	37.5	33.2	49.8
92	20.5	17.2	25.8



#34
Hexachlorobutadiene
Concen: 39.776 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	48.8	73.2
227	65.0	51.4	77.0

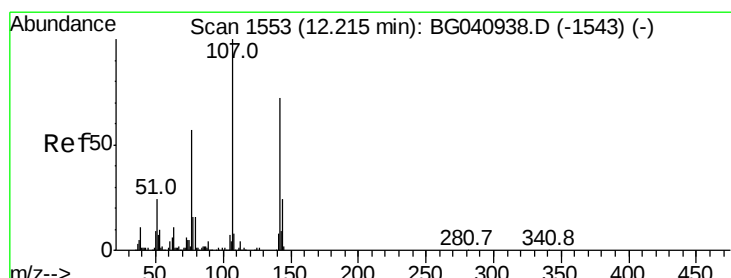
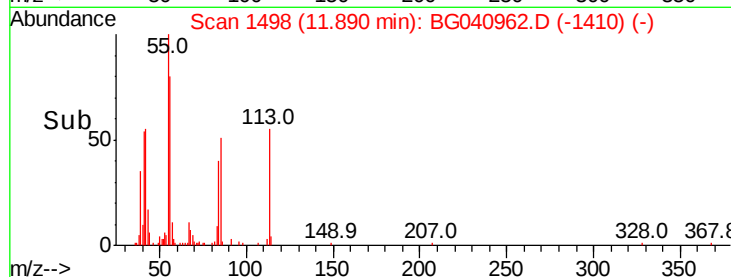
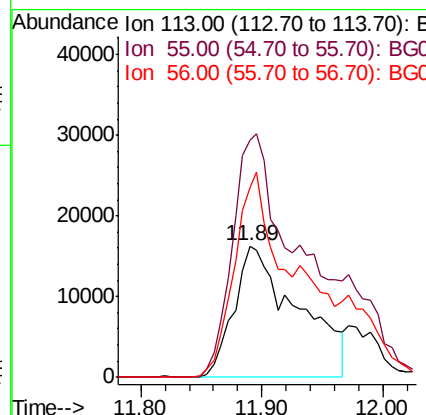
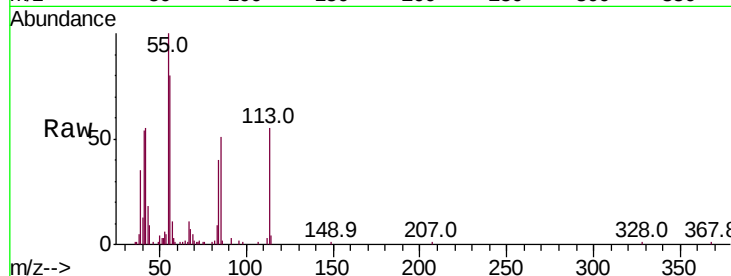




#35
 Caprolactam
 Concen: 34.628 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

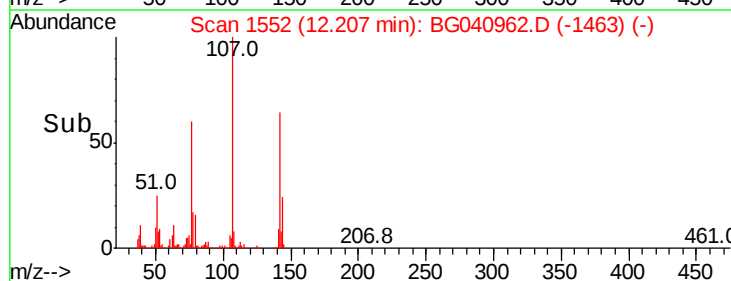
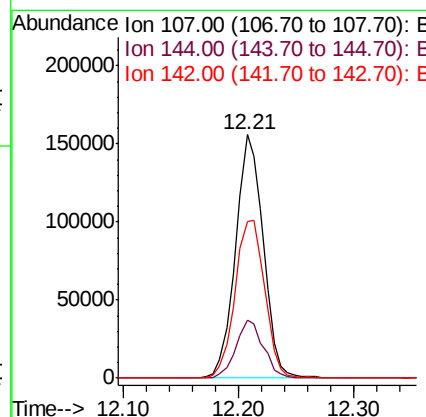
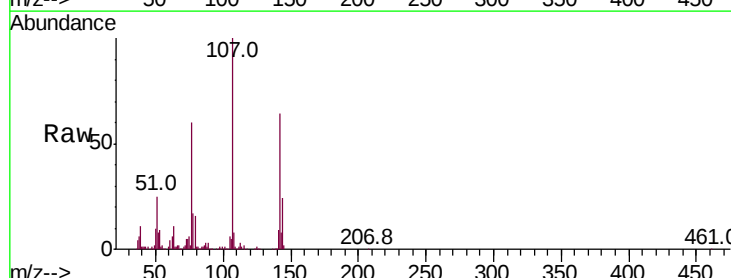
Instrument :
 BNA_G
 ClientSampleId :

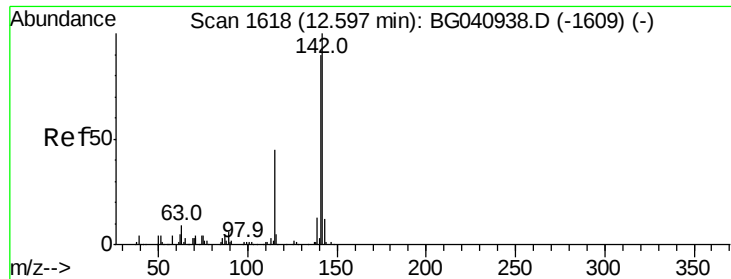
Tot Ion:113 Resp: 59773
 Ion Ratio Lower Upper
 113 100
 55 180.9 155.9 195.9
 56 144.3 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.431 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion:107 Resp: 259274
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.4 29.0
 142 64.3 57.3 85.9

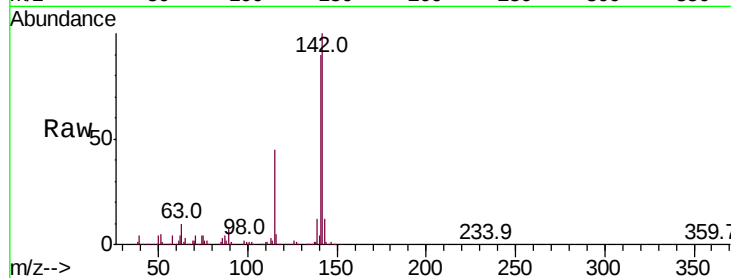




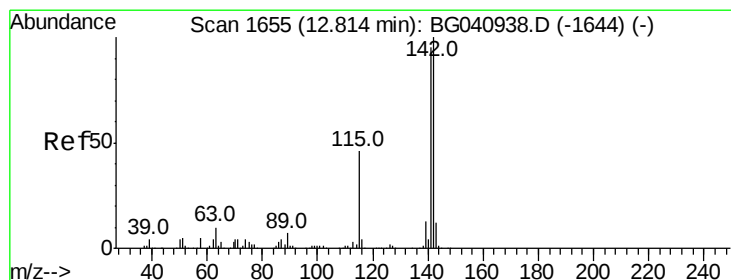
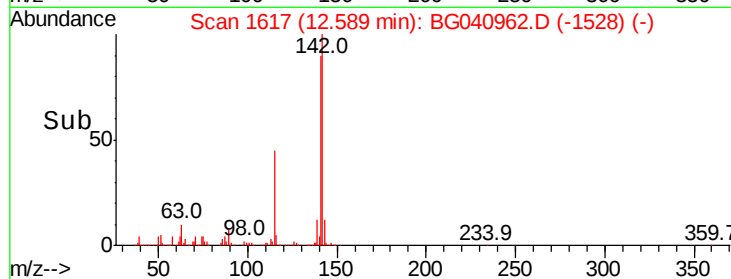
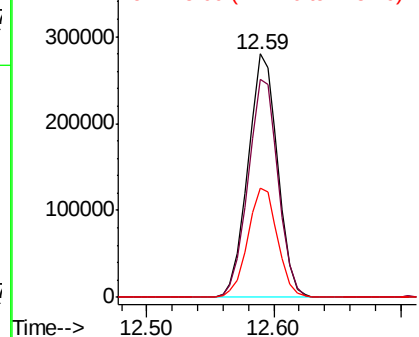
#37
 2-Methylnaphthalene
 Concen: 41.691 ng
 RT: 12.59 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.4
115	44.9	36.2	54.4

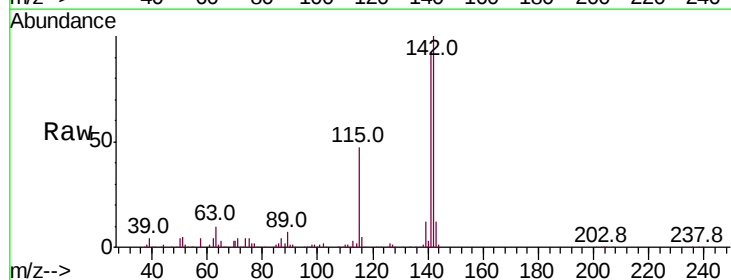


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

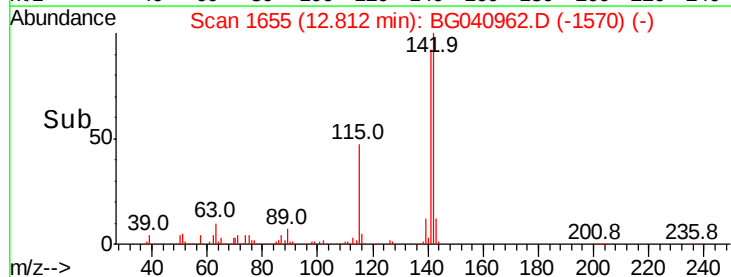
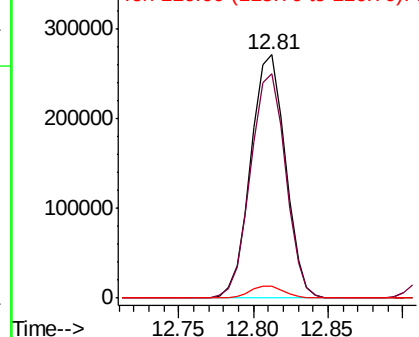


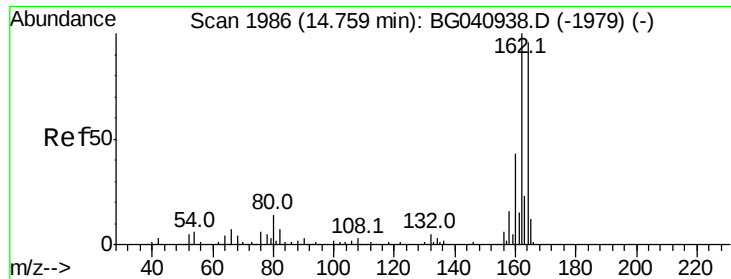
#38
 1-Methylnaphthalene
 Concen: 42.390 ng
 RT: 12.81 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.7	113.5
116	5.0	3.4	5.2



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

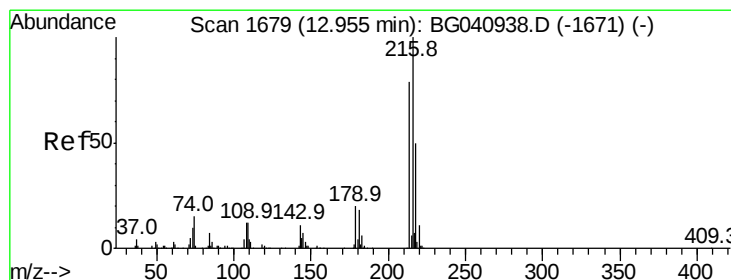
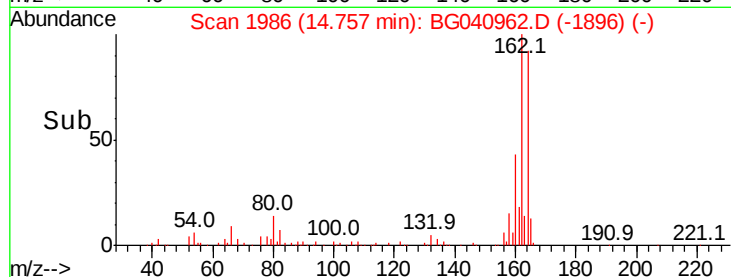
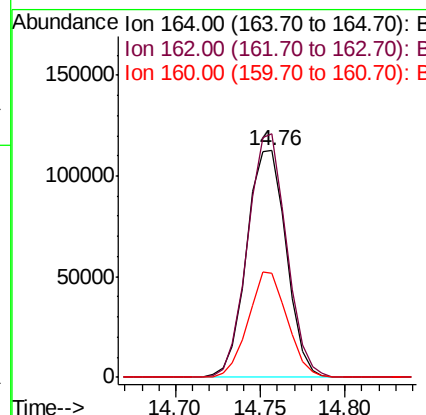
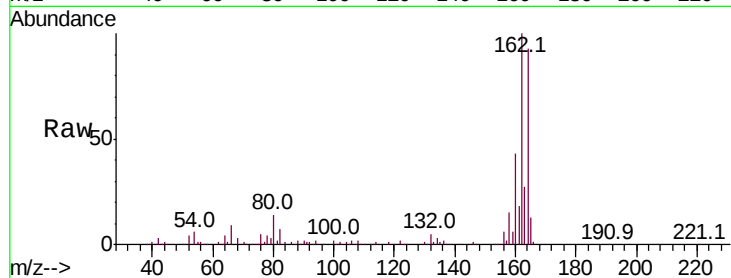




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

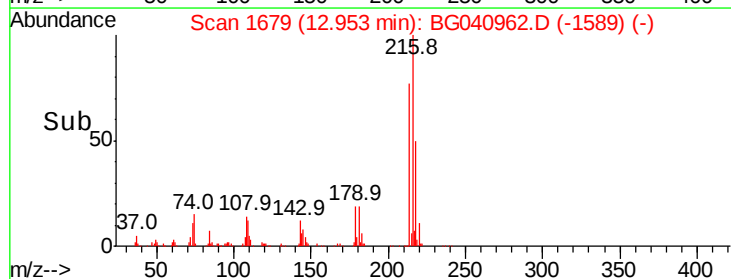
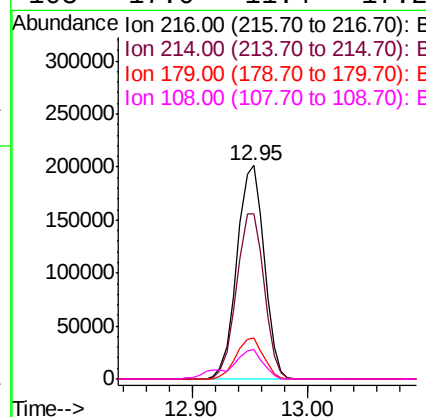
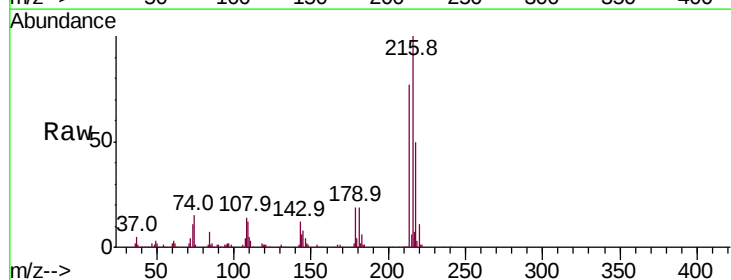
Instrument :
BNA_G
ClientSampleId :

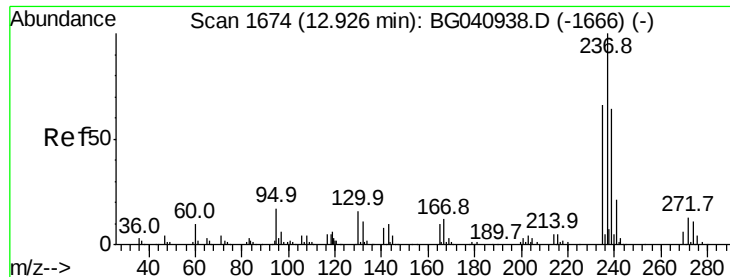
Tot Ion:164 Resp: 182876
Ion Ratio Lower Upper
164 100
162 107.4 83.0 124.4
160 46.2 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.787 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion:216 Resp: 330118
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.2
179 19.1 15.2 22.8
108 17.0 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 103.518 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

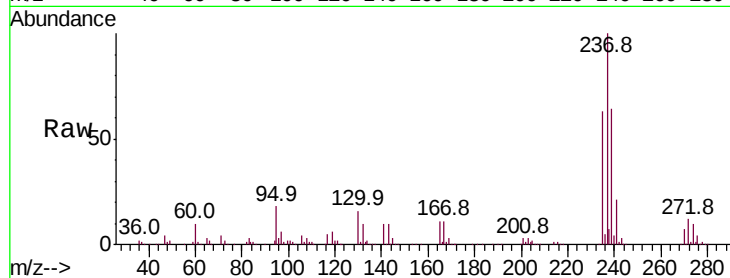
Tot Ion:237 Resp: 420850

Ion Ratio Lower Upper

237 100

235 62.7 45.5 85.5

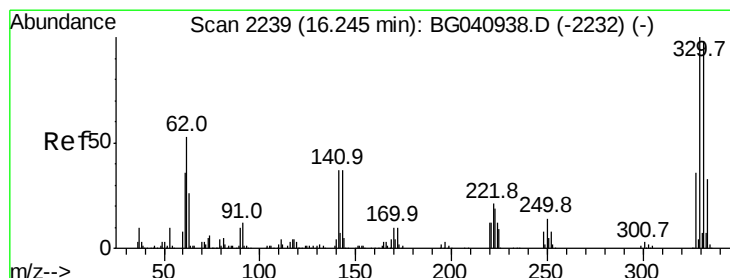
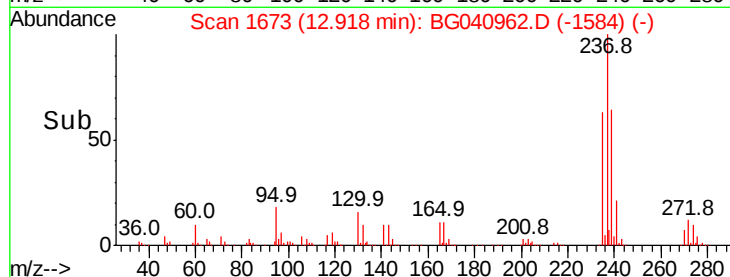
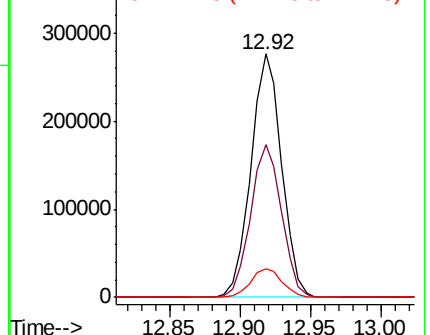
272 11.9 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.857 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

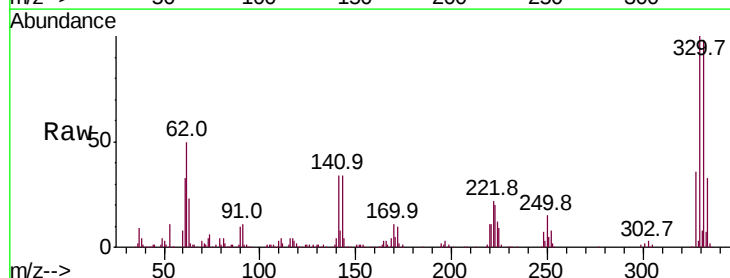
Tgt Ion:330 Resp: 382415

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

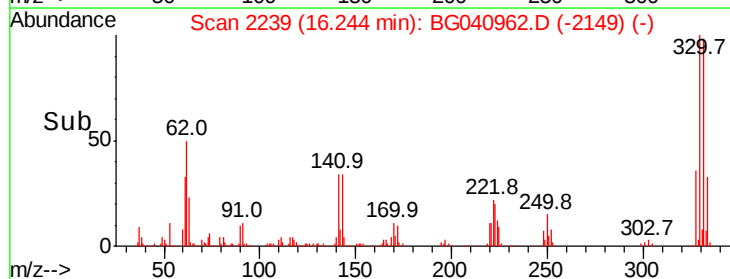
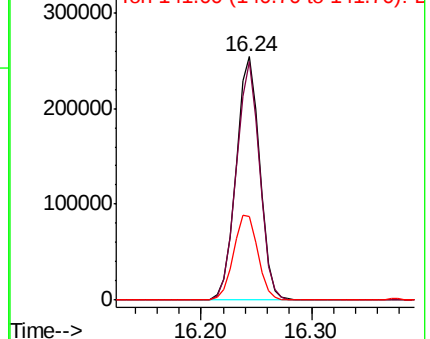
141 35.9 28.7 43.1

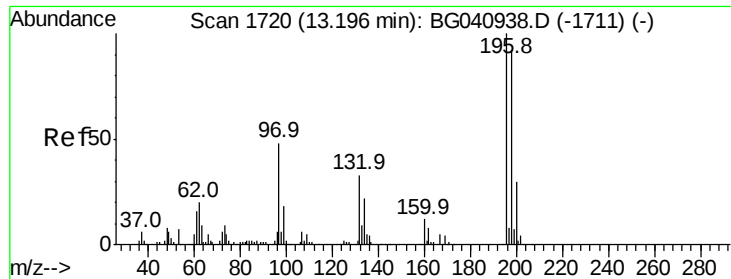


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

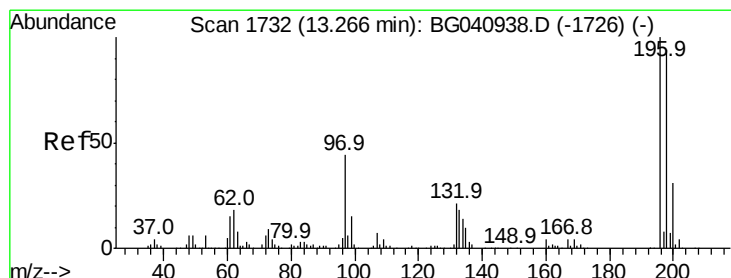
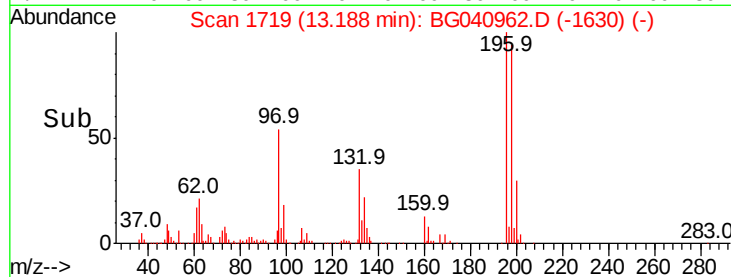
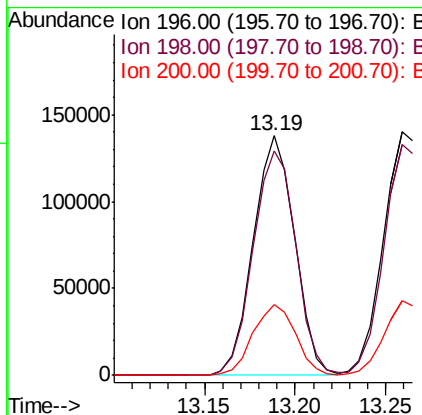
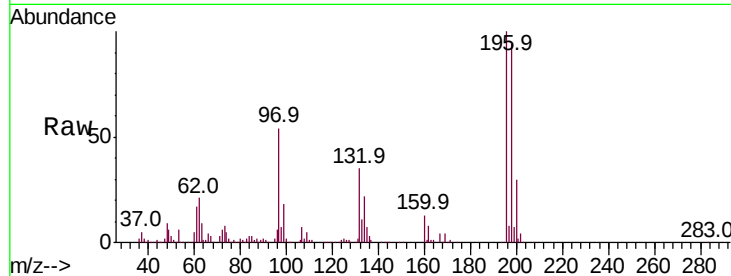




#43
 2,4,6-Trichlorophenol
 Concen: 45.895 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

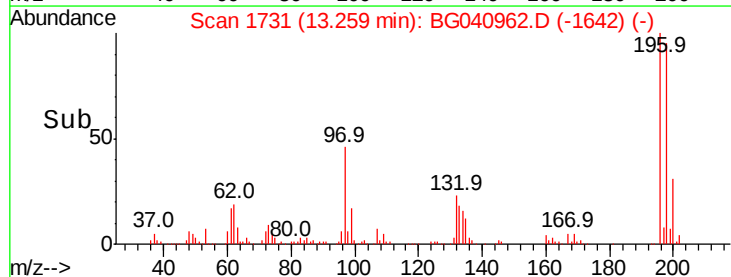
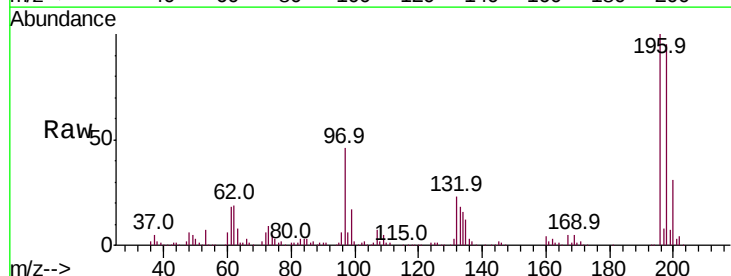
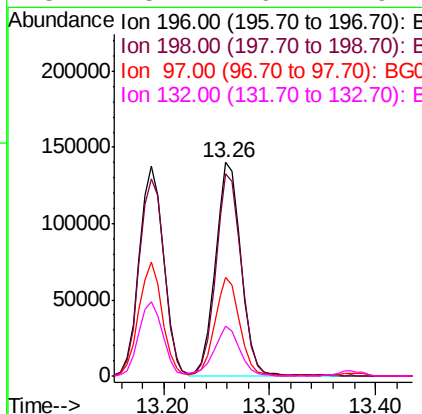
Instrument :
 BNA_G
 ClientSampleId :

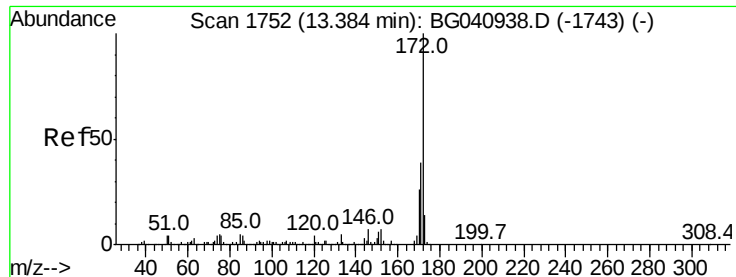
Tot Ion	196	Resp	218842
Ion Ratio	Lower	Upper	
196	100		
198	93.7	73.8	110.6
200	29.6	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.964 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion	196	Resp	236177
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.1	112.7
97	46.1	35.6	53.4
132	23.4	16.7	25.1



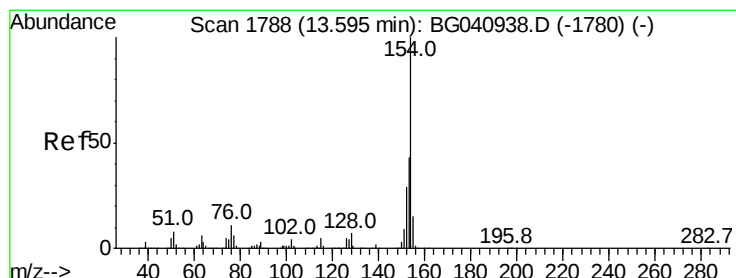
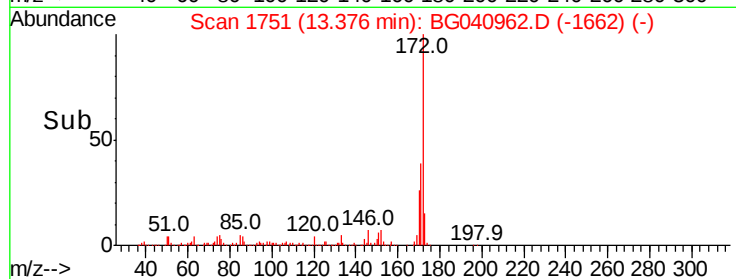
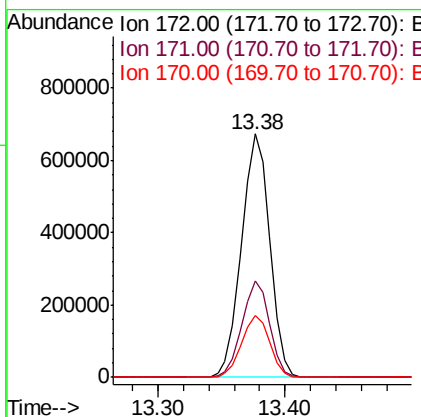
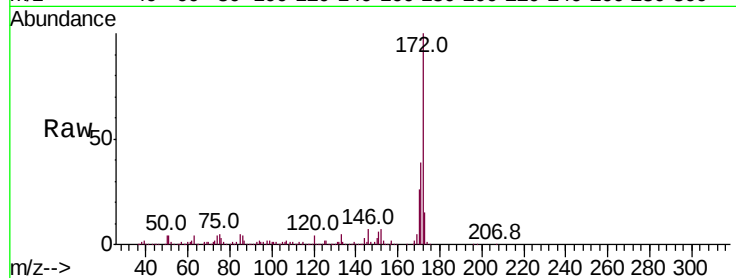


#45
 2-Fluorobiphenyl
 Concen: 82.001 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1041311

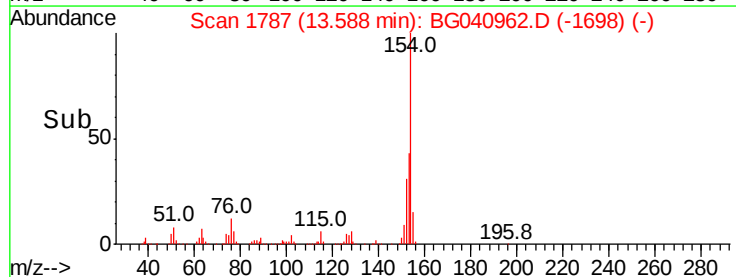
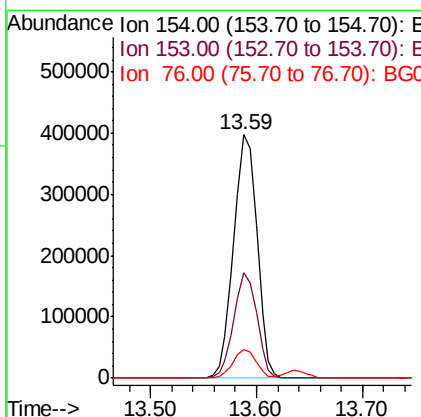
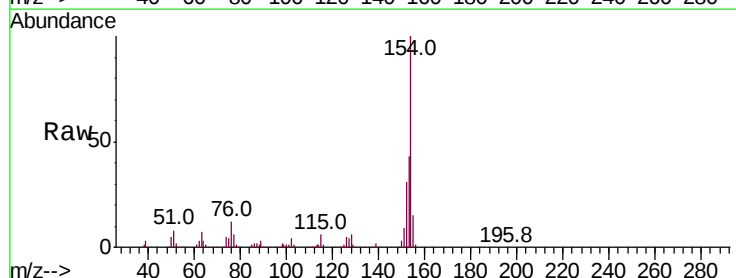
Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.1	46.7
170	25.6	20.5	30.7

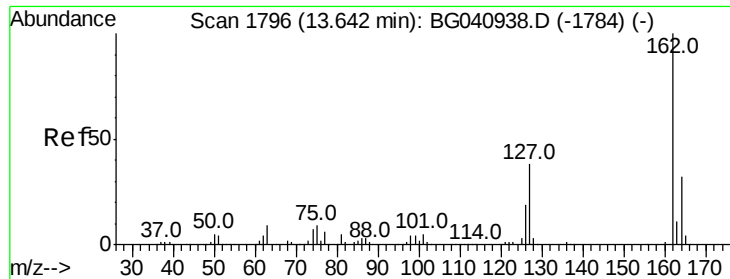


#46
 1,1'-Biphenyl
 Concen: 44.955 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion:154 Resp: 608545

Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.3	63.3
76	11.7	0.0	31.1

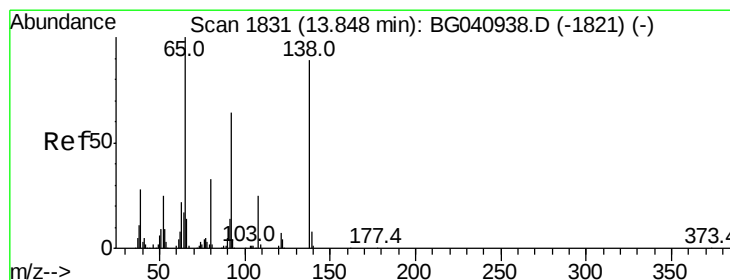
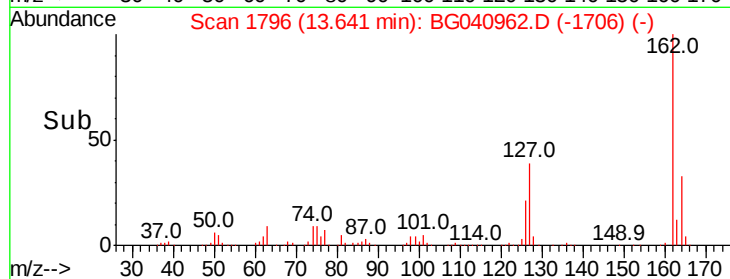
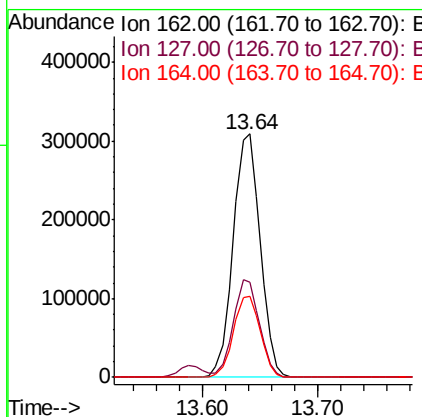
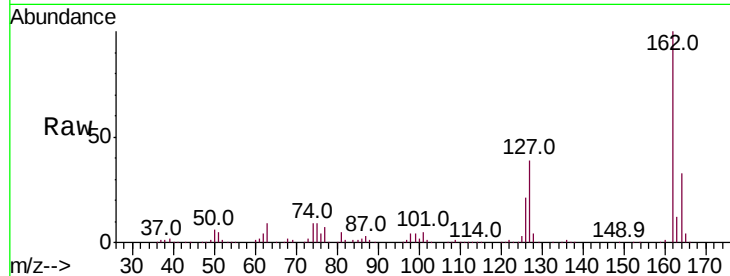




#47
 2-Chloronaphthalene
 Concen: 43.056 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

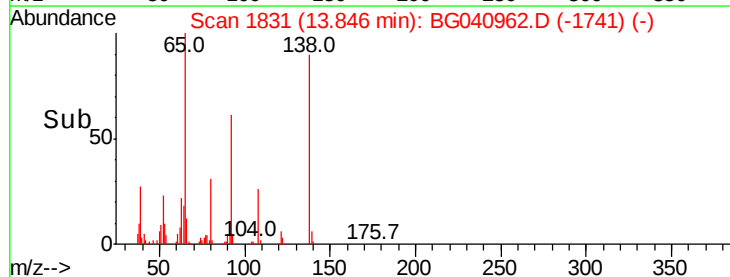
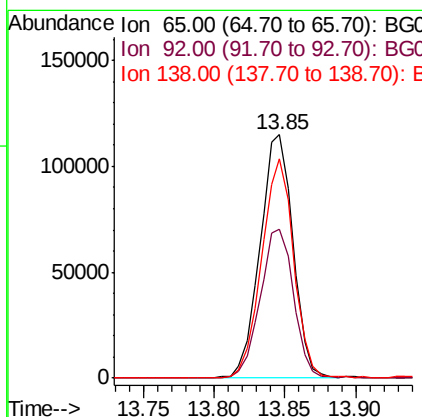
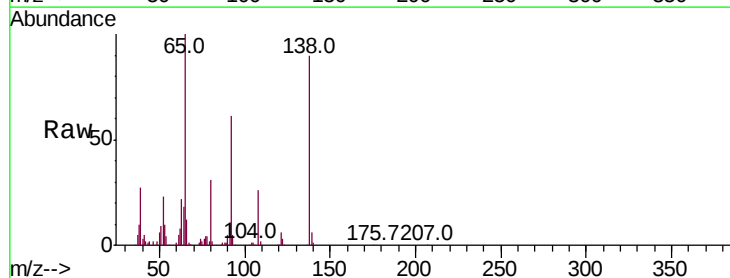
Instrument :
 BNA_G
 ClientSampleId :

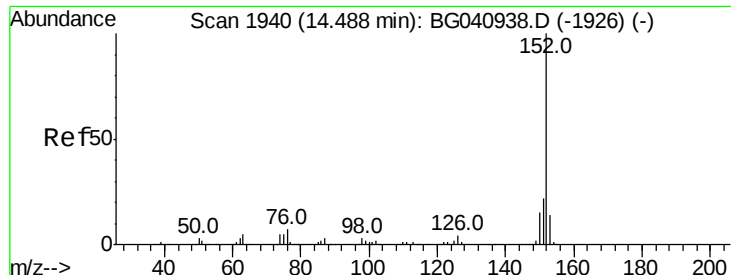
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.5	45.7
164	33.2	25.8	38.6



#48
 2-Nitroaniline
 Concen: 45.250 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.1	51.0	76.6
138	90.3	71.2	106.8





#49

Acenaphthylene

Concen: 44.497 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

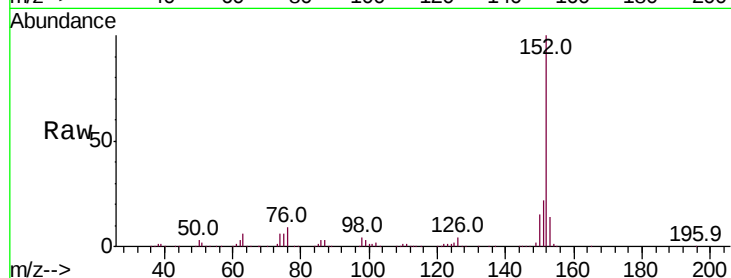
Tot Ion:152 Resp: 778276

Ion Ratio Lower Upper

152 100

151 22.1 17.4 26.0

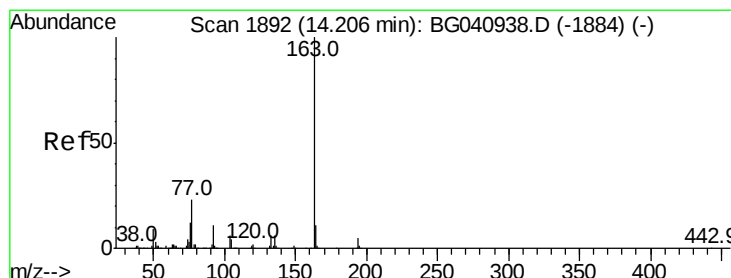
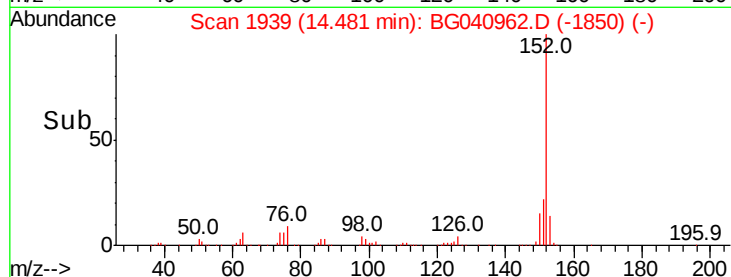
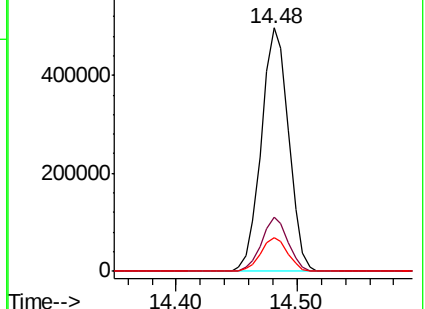
153 14.0 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.417 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

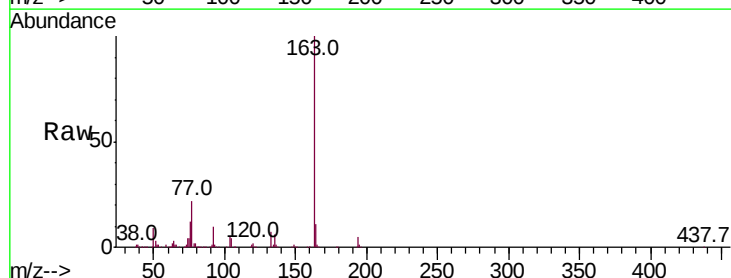
Tgt Ion:163 Resp: 842401

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

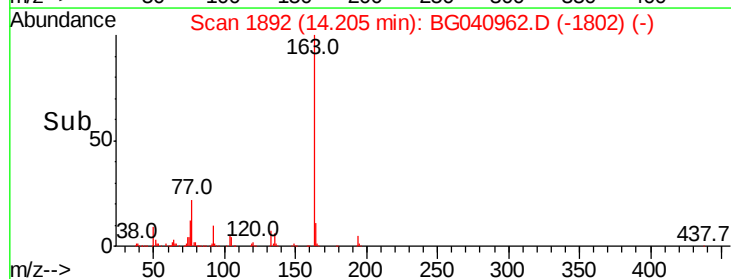
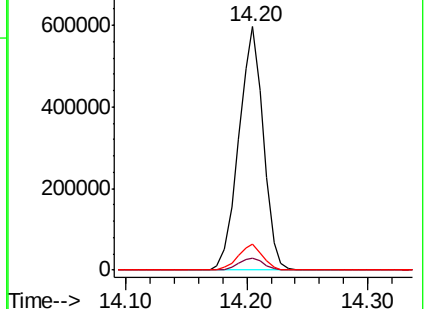
164 10.9 8.7 13.1

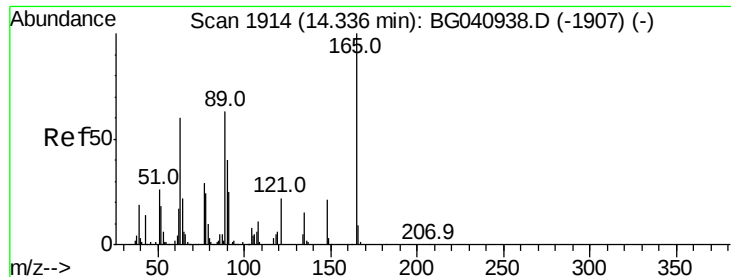


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.558 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampled :

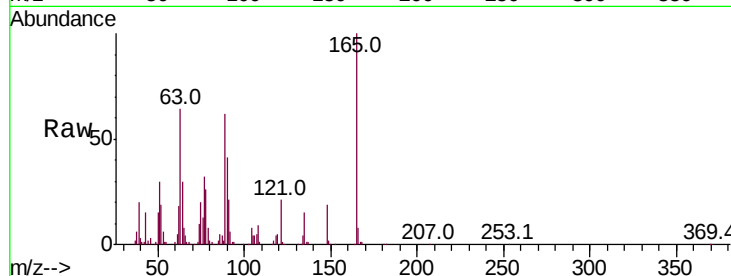
Tot Ion:165 Resp: 152060

Ion Ratio Lower Upper

165 100

63 64.1 53.6 80.4

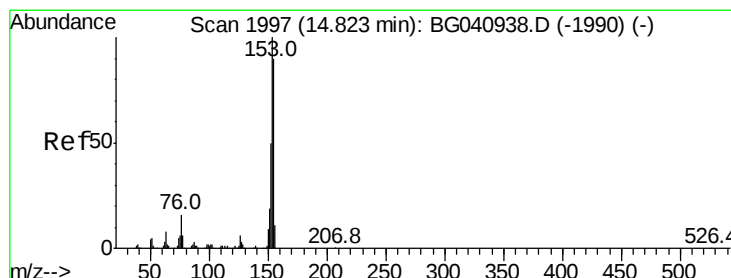
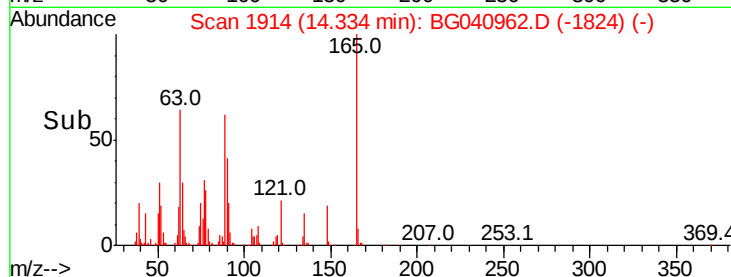
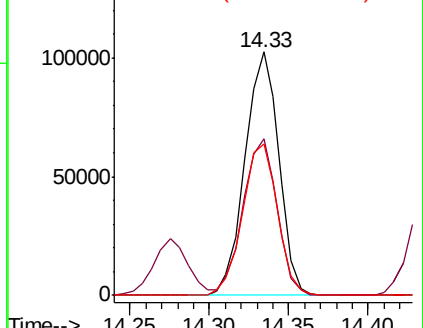
89 62.1 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 43.144 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

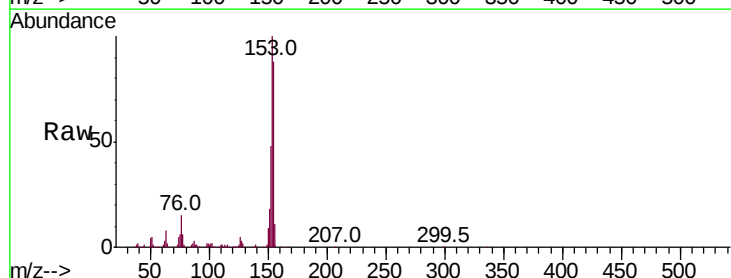
Tgt Ion:154 Resp: 457142

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

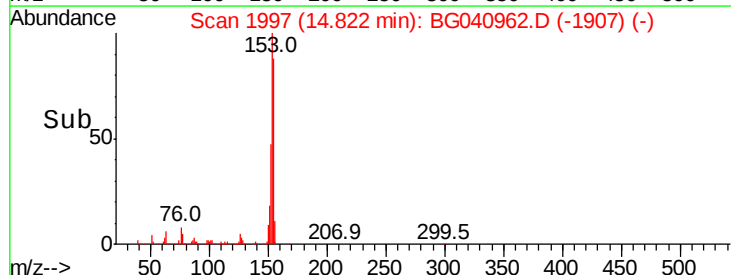
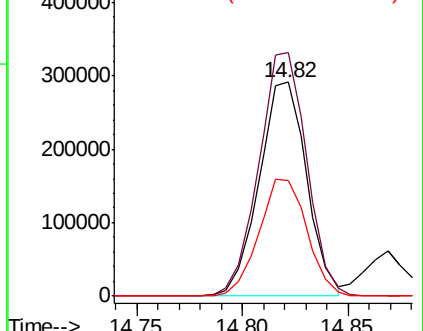
152 54.2 44.2 66.4

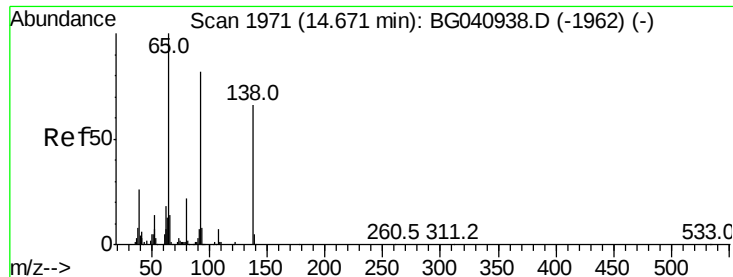


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

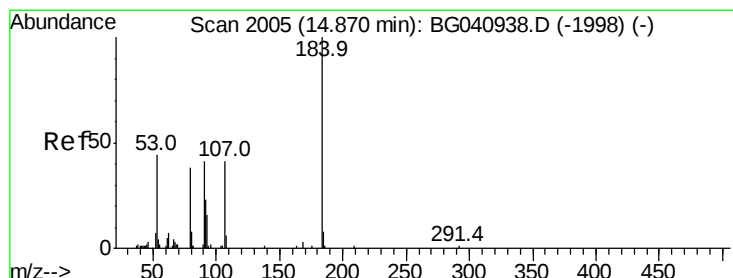
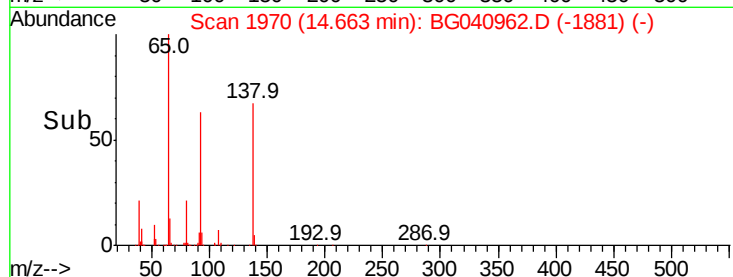
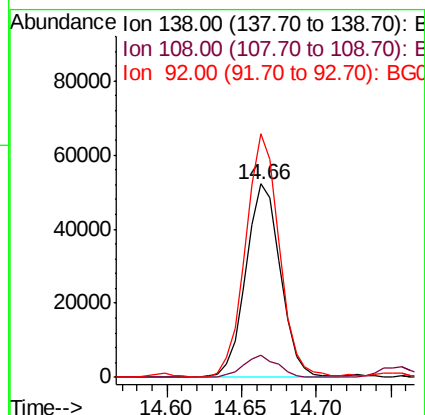
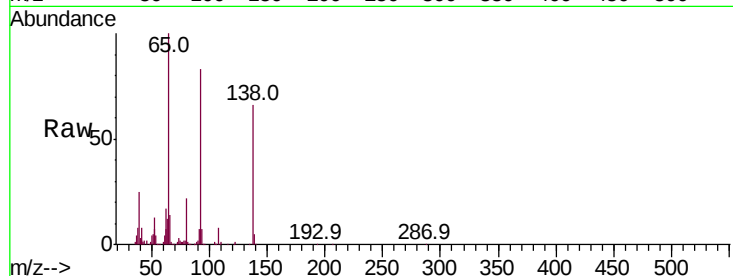




#53
3-Nitroaniline
Concen: 25.075 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

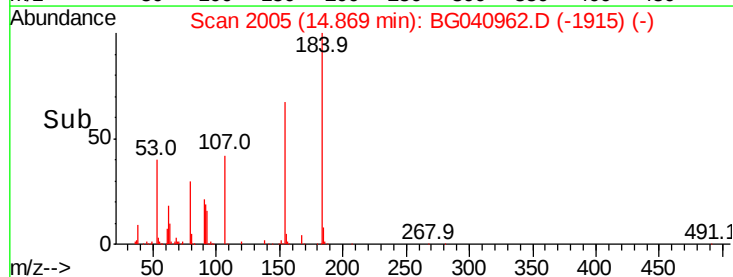
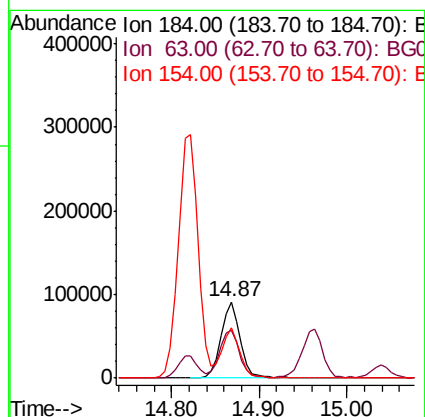
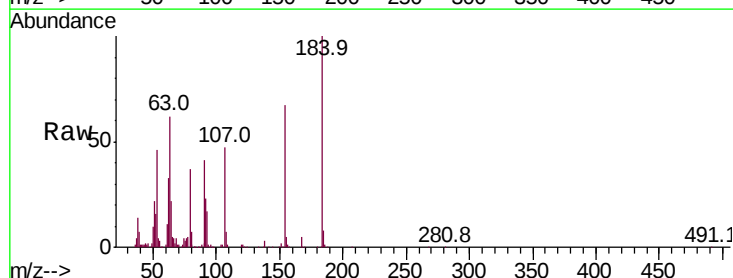
Instrument :
BNA_G
ClientSampleId :

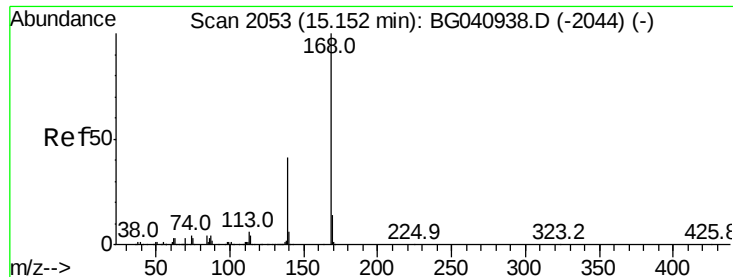
Tot Ion:138 Resp: 83692
Ion Ratio Lower Upper
138 100
108 11.6 8.5 12.7
92 125.9 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 79.961 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion:184 Resp: 139035
Ion Ratio Lower Upper
184 100
63 62.4 49.8 74.6
154 66.7 52.2 78.4





#55

Dibenzofuran

Concen: 44.116 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

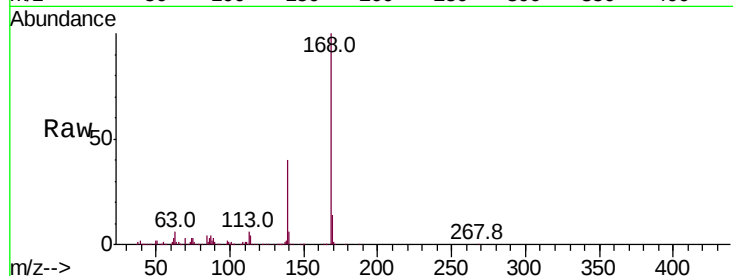
Tot Ion:168 Resp: 786542

Ion Ratio Lower Upper

168 100

139 39.8 32.8 49.2

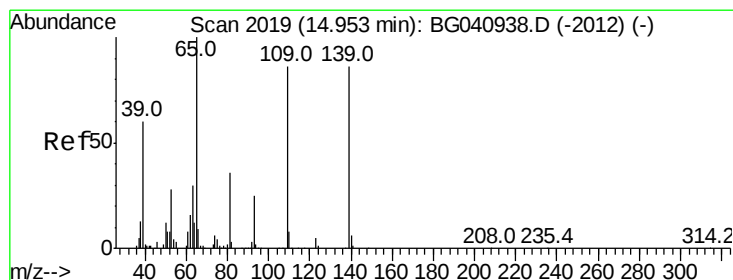
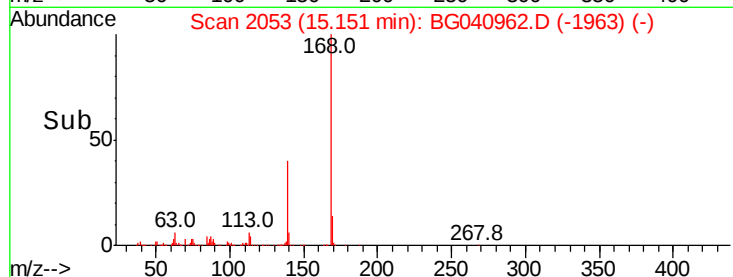
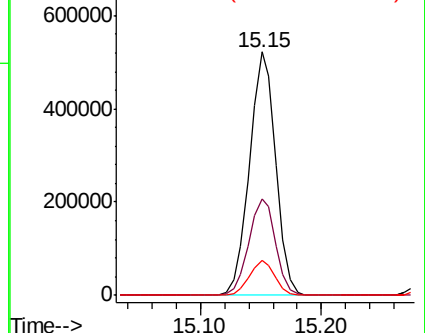
169 14.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 106.051 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

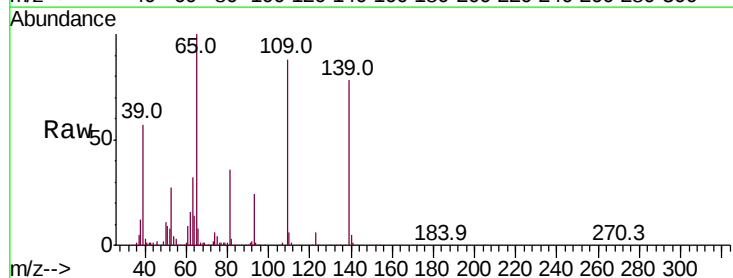
Tgt Ion:139 Resp: 242783

Ion Ratio Lower Upper

139 100

109 112.5 79.6 119.6

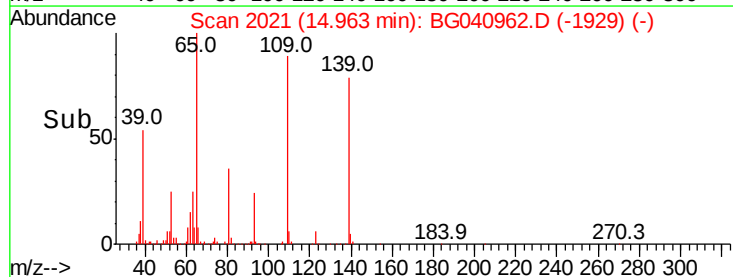
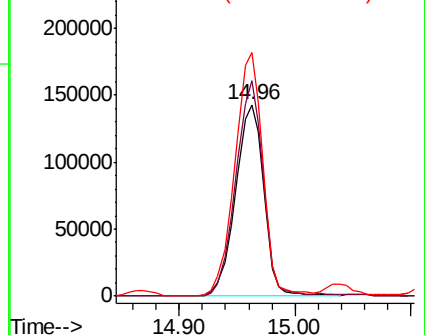
65 127.4 96.9 136.9

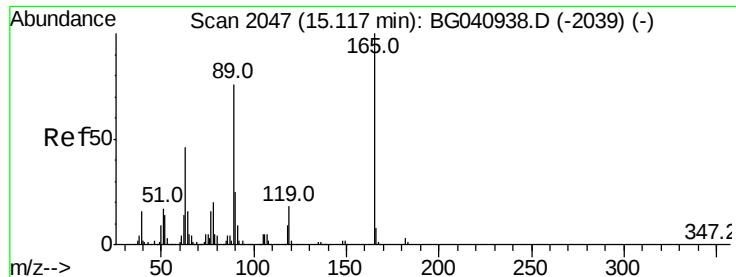


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

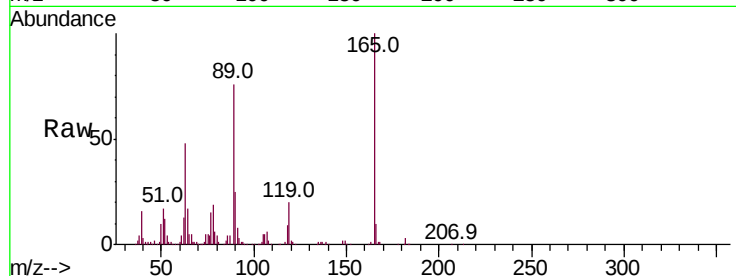




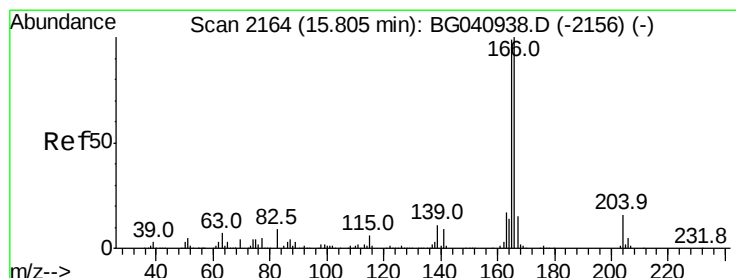
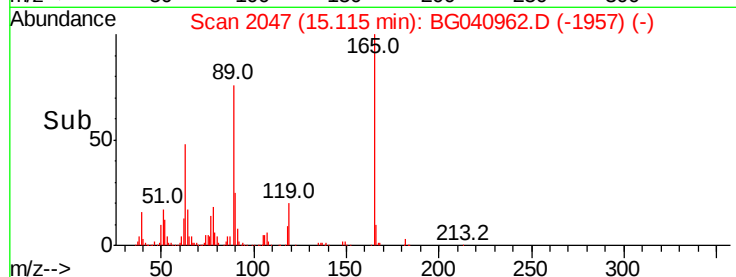
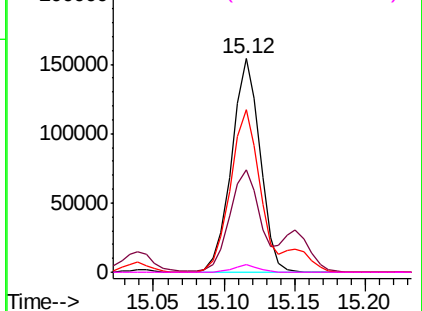
#57
2,4-Dinitrotoluene
Concen: 45.970 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	37.3	55.9
89	76.2	61.0	91.6
182	3.4	2.2	3.2#

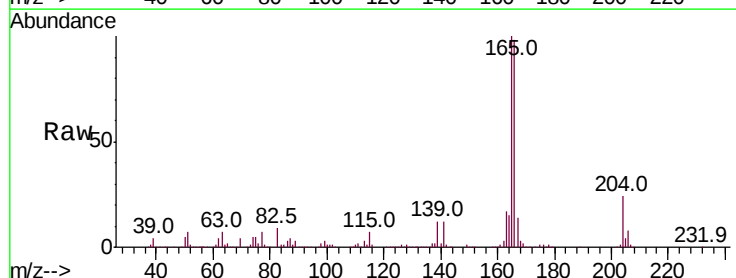


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

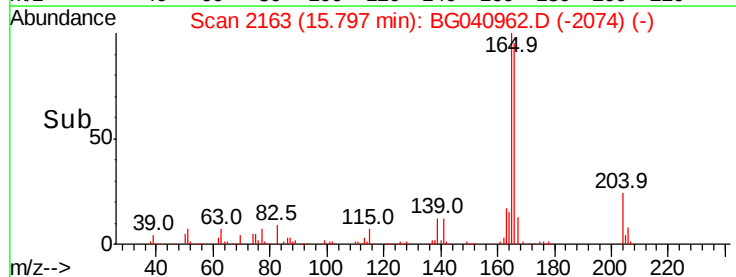
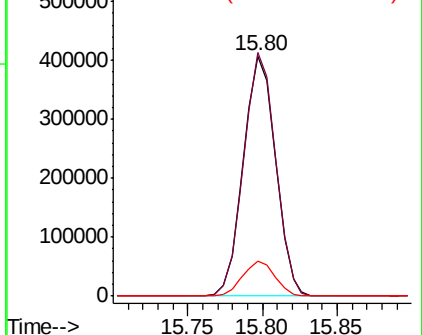


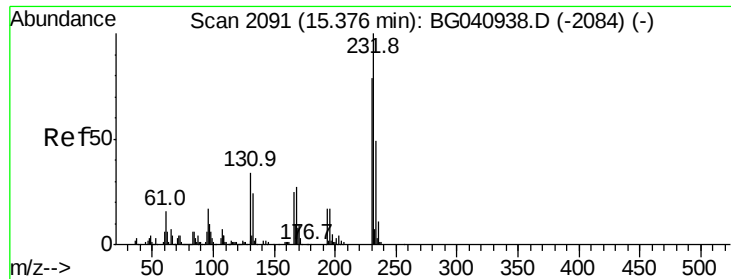
#58
Fluorene
Concen: 42.916 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.2	118.8
167	14.4	11.8	17.6



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.927 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 241803

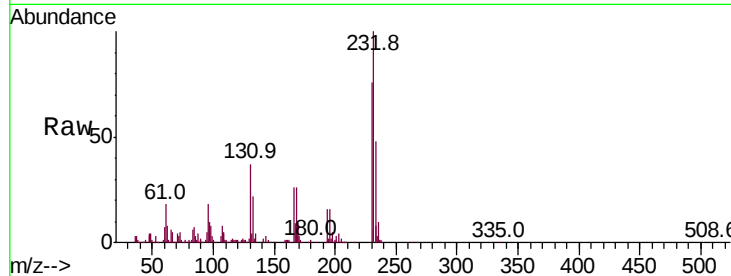
Ion Ratio Lower Upper

232 100

131 36.8 30.3 45.5

130 2.4 1.8 2.8

166 25.9 21.3 31.9

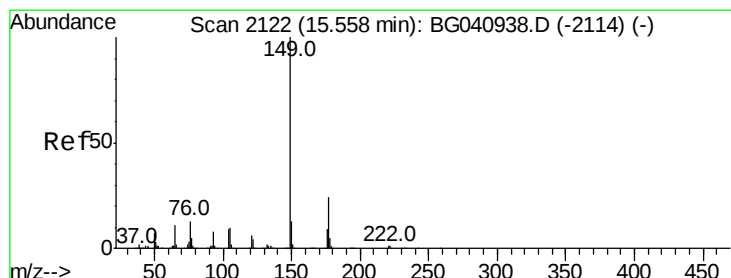
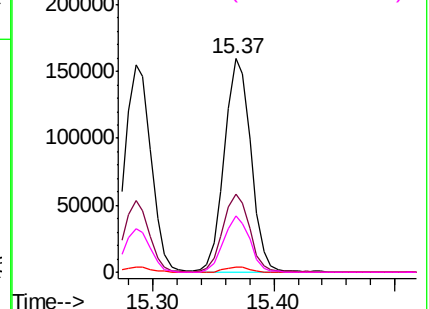
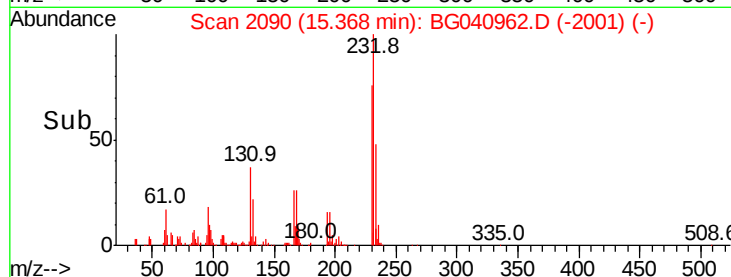


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.358 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

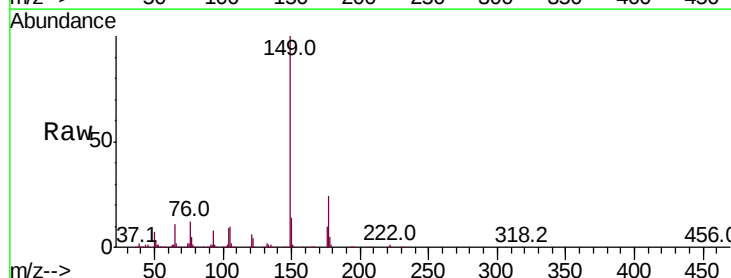
Tgt Ion:149 Resp: 684988

Ion Ratio Lower Upper

149 100

177 24.3 19.4 29.0

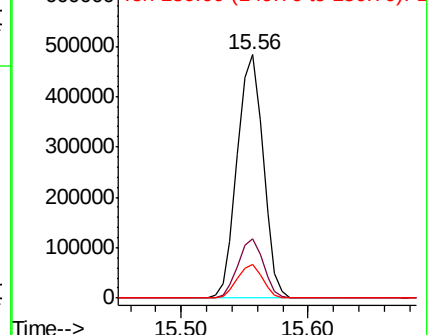
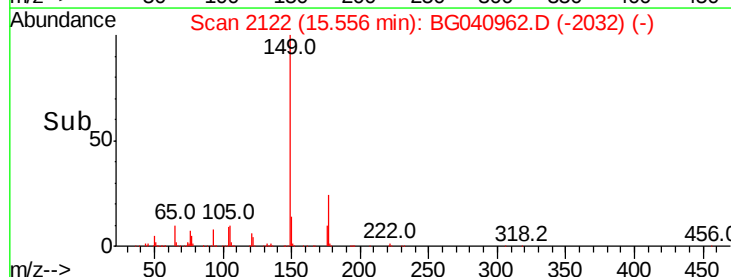
150 14.0 10.3 15.5

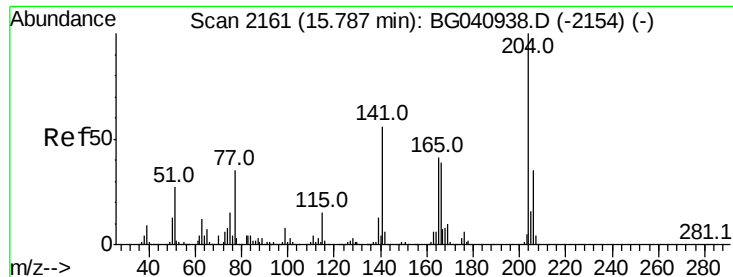


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

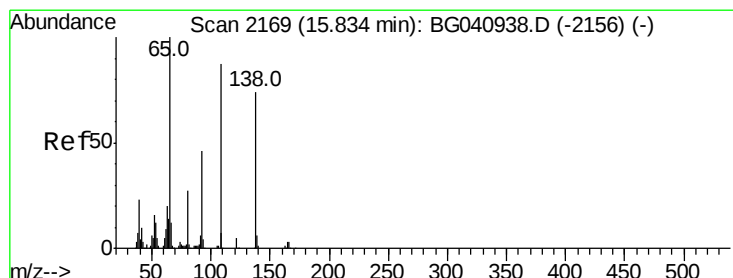
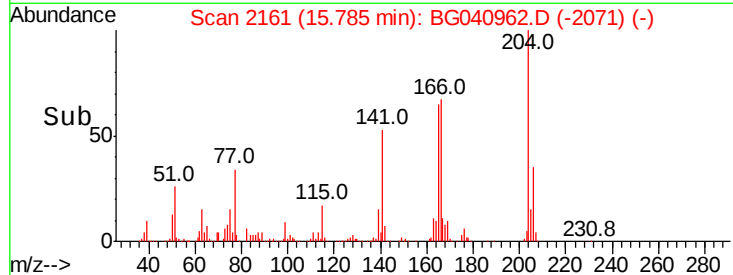
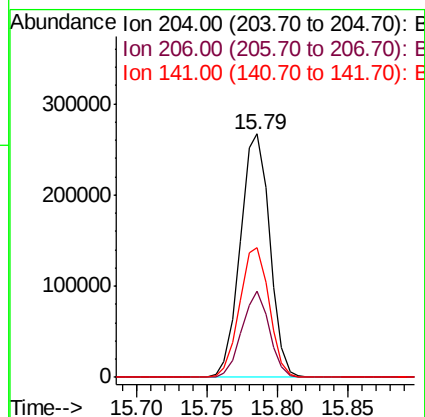
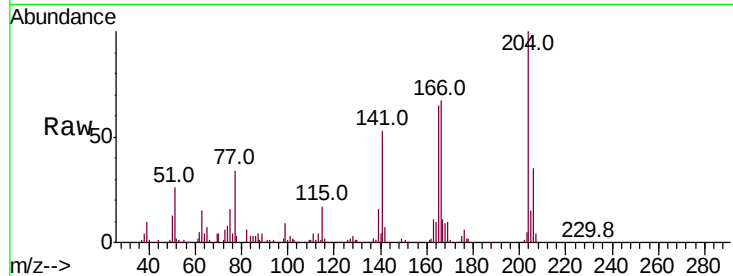




#61
 4-Chlorophenyl-phenylether
 Concen: 42.169 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

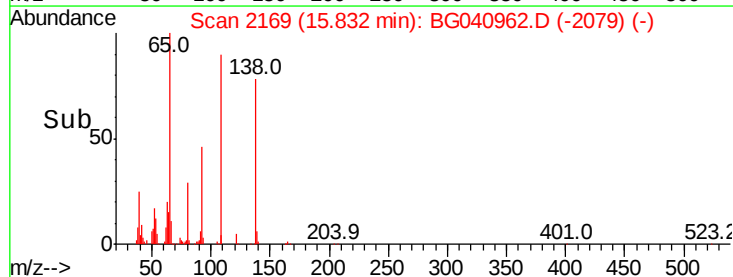
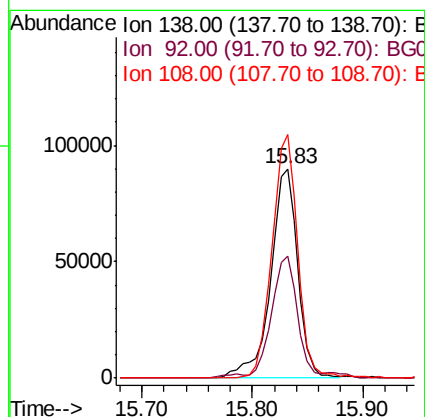
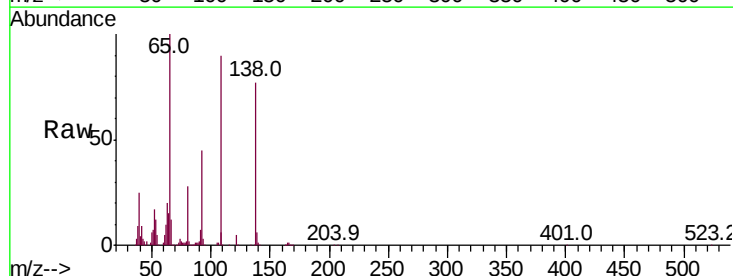
Instrument :
 BNA_G
 ClientSampleId :

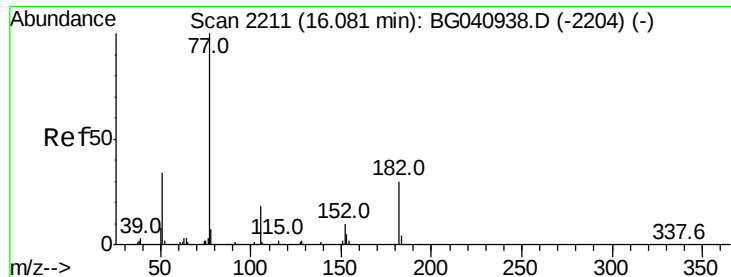
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.6	41.4
141	53.4	45.1	67.7



#62
 4-Nitroaniline
 Concen: 43.545 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG040962.D
 Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.5	42.4	82.4
108	116.4	96.9	136.9

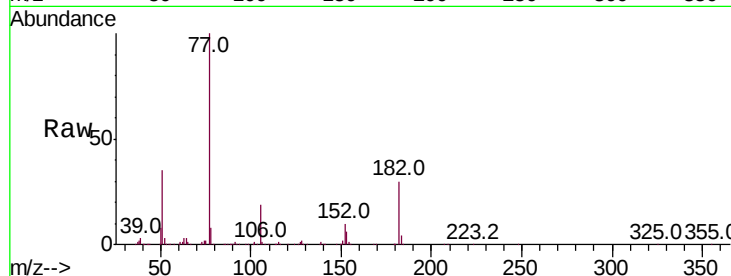




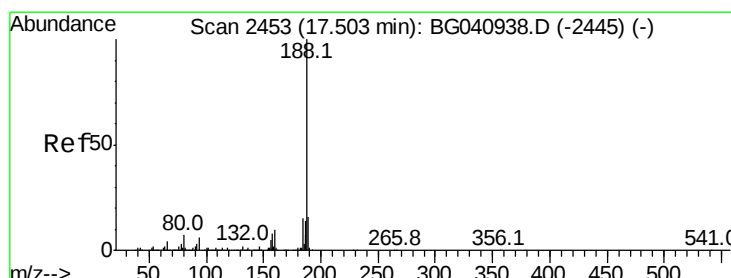
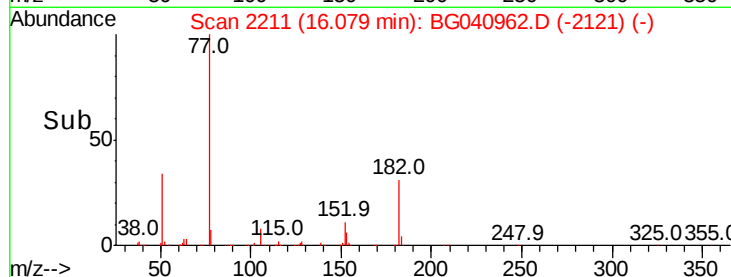
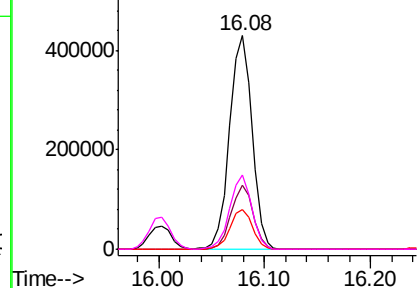
#63
Azobenzene
Concen: 43.991 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	9.6	49.6
105	18.5	0.0	37.5
51	35.0	13.7	53.7

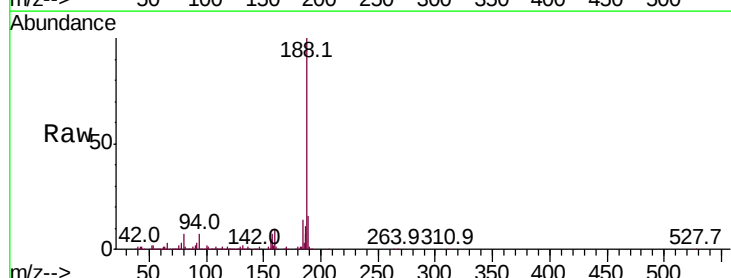


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

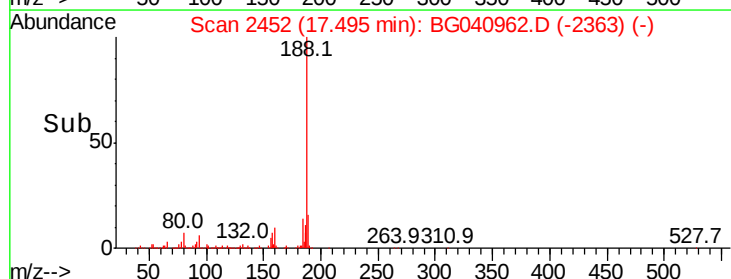
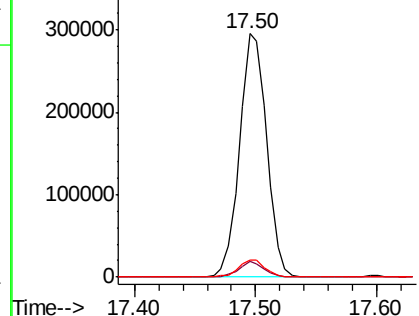


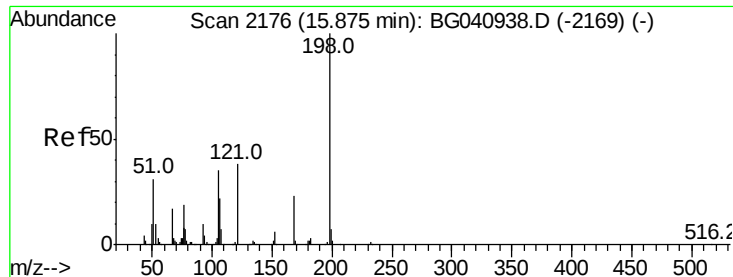
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.7	7.1
80	7.2	5.8	8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.760 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

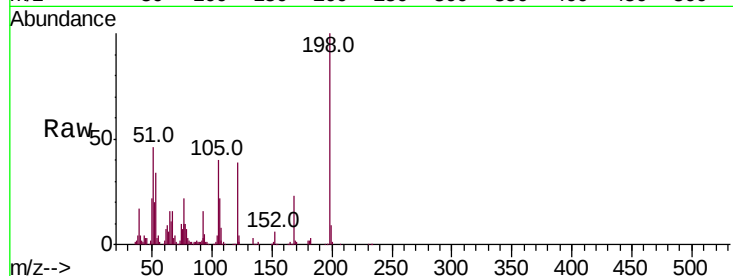
Tot Ion:198 Resp: 135960

Ion	Ratio	Lower	Upper
198	100		
51	46.2	21.6	61.6
105	39.9	17.5	57.5

198 100

51 46.2 21.6 61.6

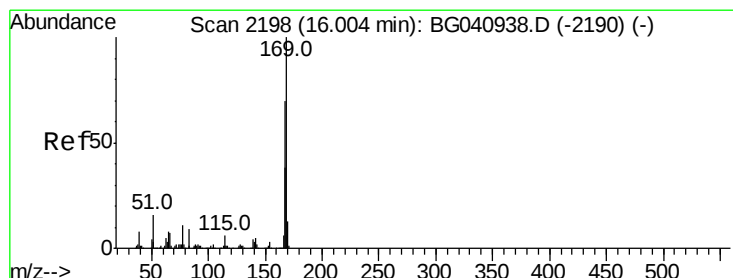
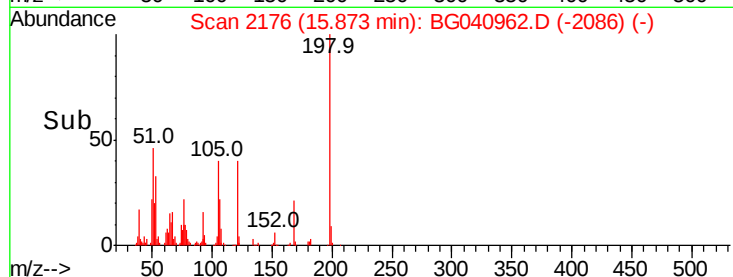
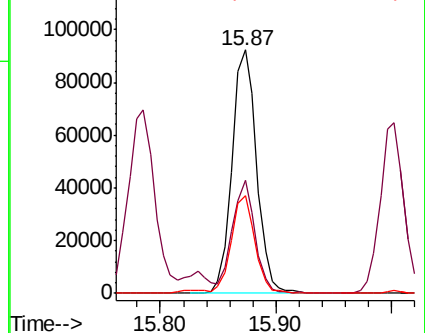
105 39.9 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.359 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

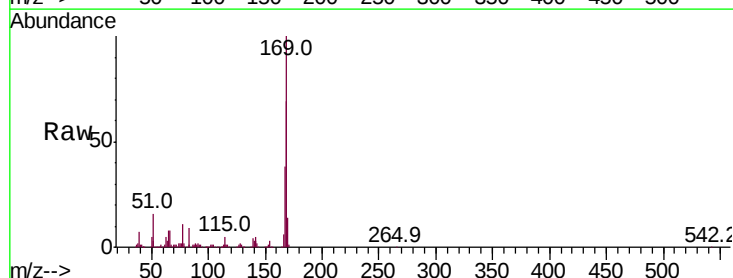
Tgt Ion:169 Resp: 575090

Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	37.9	30.2	45.2

169 100

168 69.1 55.7 83.5

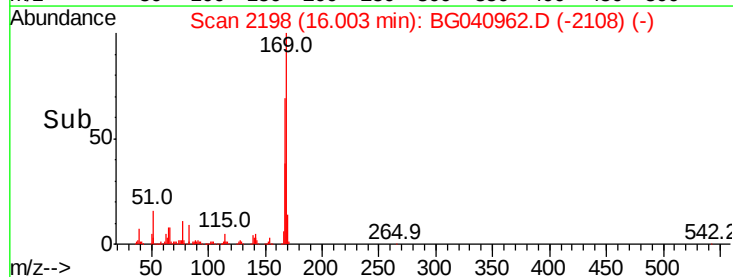
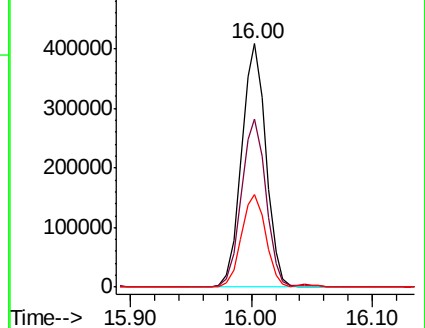
167 37.9 30.2 45.2

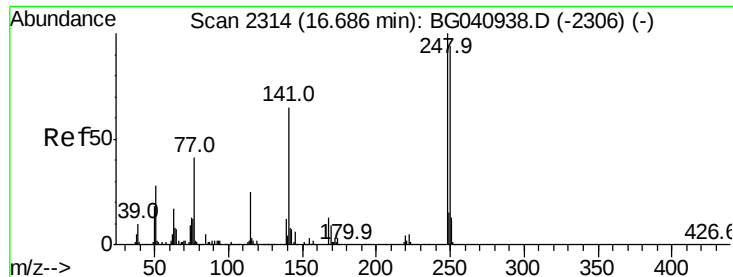


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

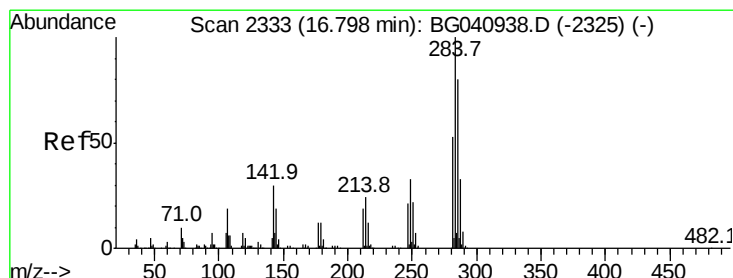
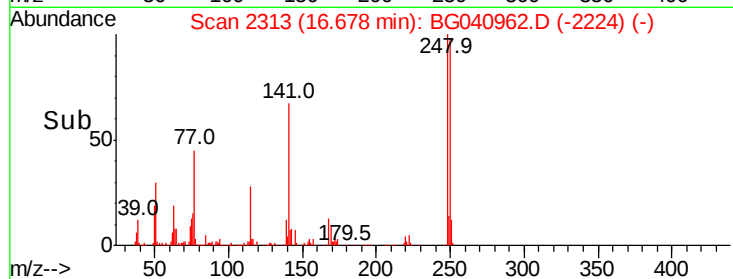
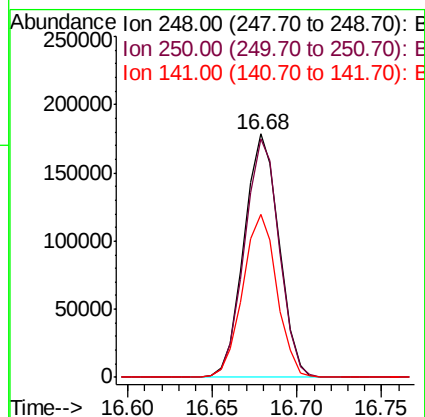
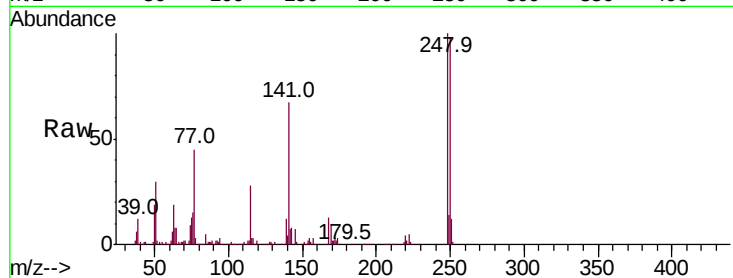




#67
4-Bromophenyl-phenylether
Concen: 41.318 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

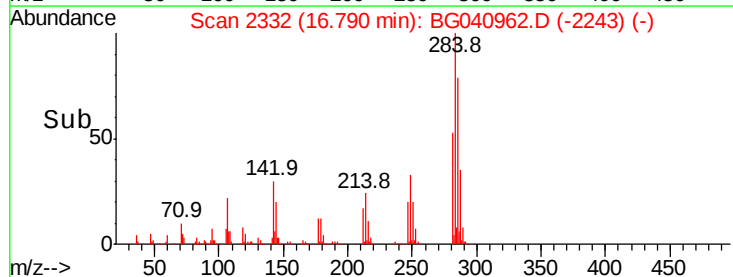
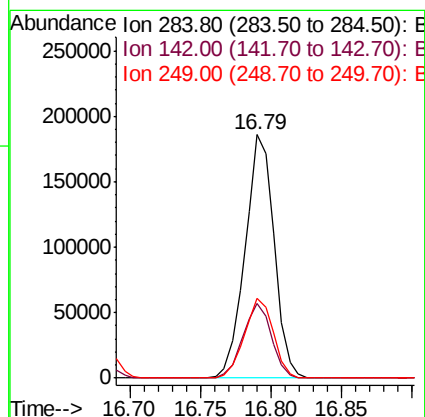
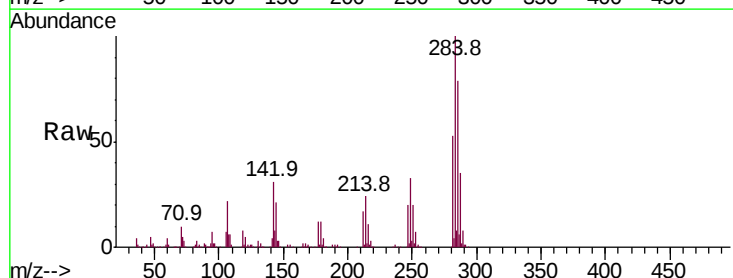
Instrument :
BNA_G
ClientSampled :

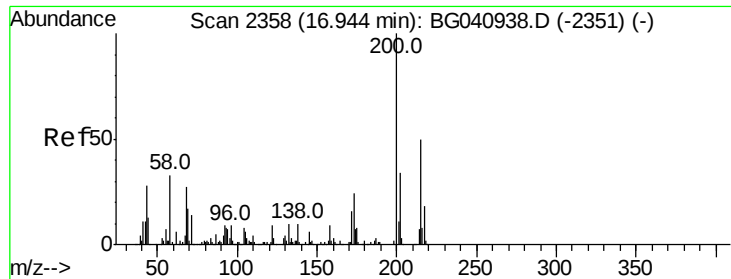
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.0	112.4
141	67.1	52.4	78.6



#68
Hexachlorobenzene
Concen: 40.276 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	23.9	35.9
249	32.7	26.8	40.2





#69

Atrazine

Concen: 51.483 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

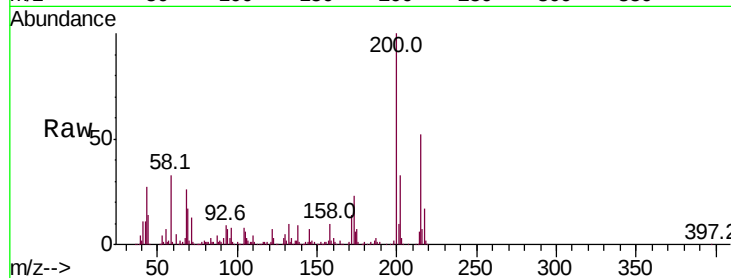
Tot Ion:200 Resp: 257538

Ion Ratio Lower Upper

200 100

173 22.7 3.6 43.6

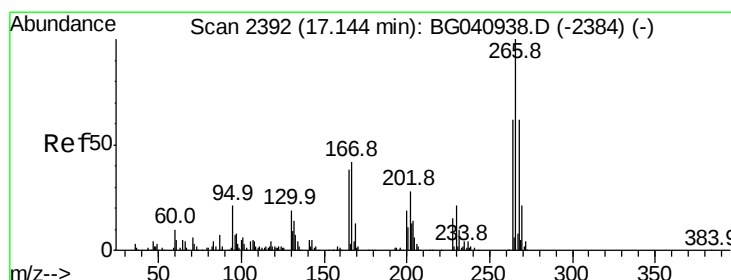
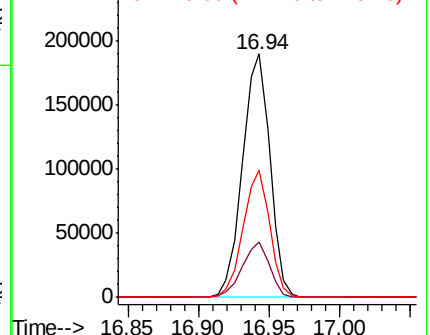
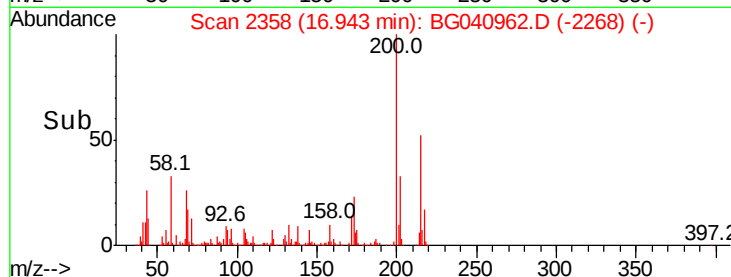
215 52.2 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 98.135 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

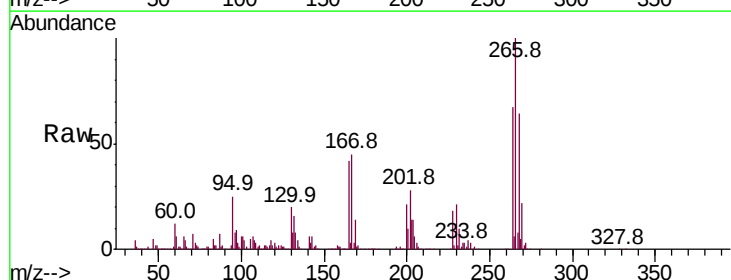
Tgt Ion:266 Resp: 352029

Ion Ratio Lower Upper

266 100

268 64.4 53.1 79.7

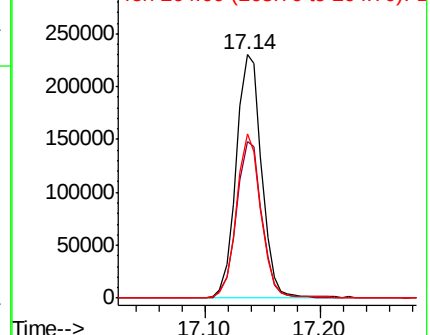
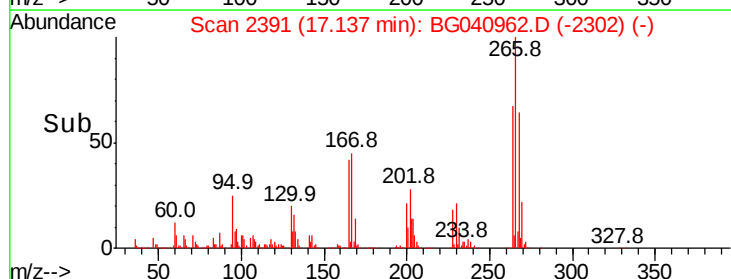
264 67.3 49.9 74.9

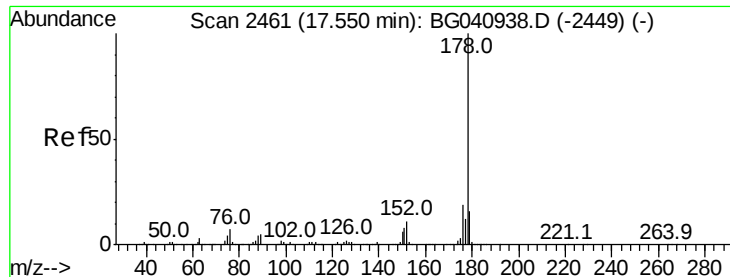


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

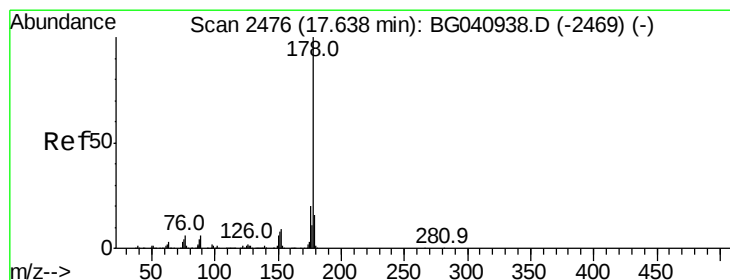
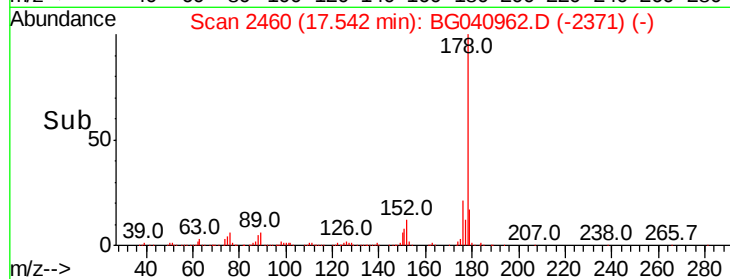
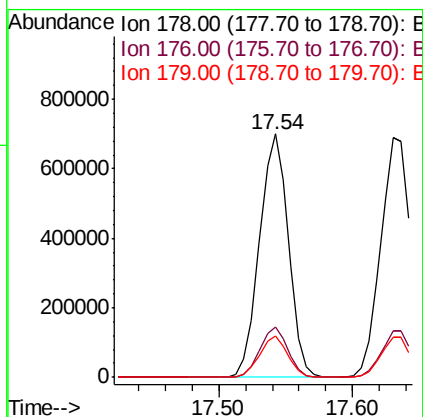
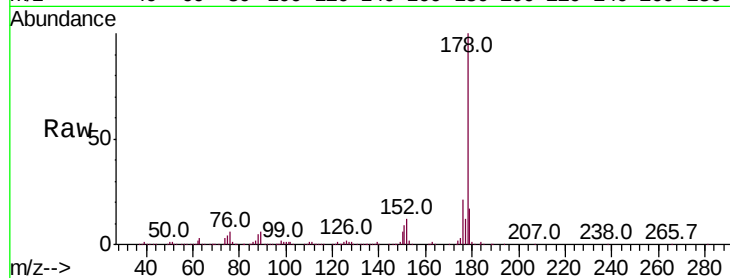




#71
Phenanthrene
Concen: 43.513 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

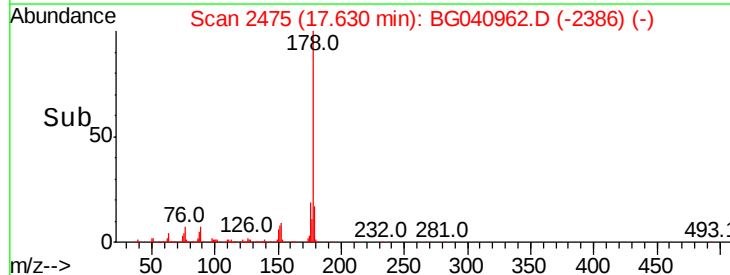
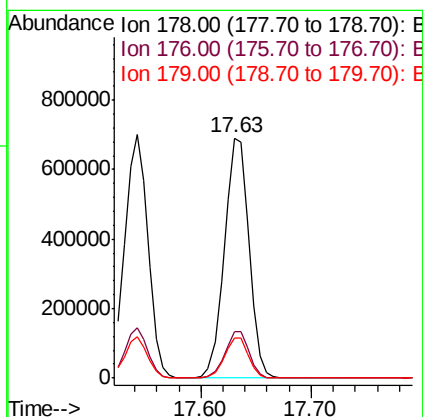
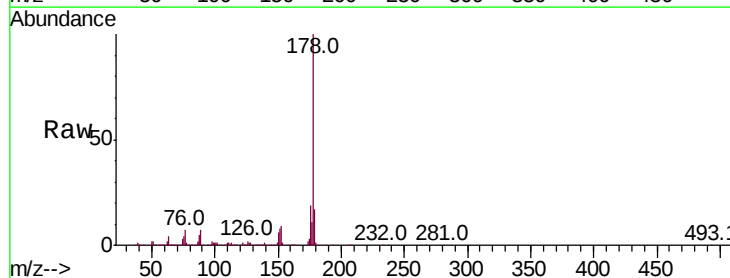
Instrument :
BNA_G
ClientSampleId :

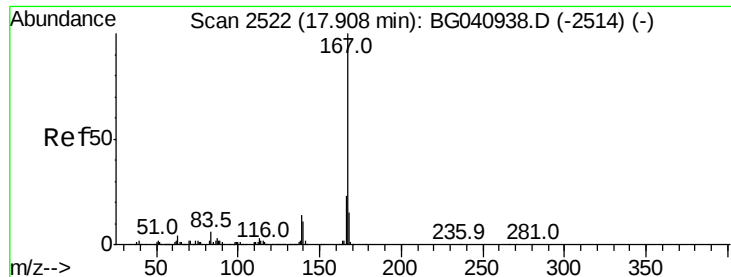
Tot Ion:178 Resp: 1045289
Ion Ratio Lower Upper
178 100
176 20.6 15.5 23.3
179 16.9 12.7 19.1



#72
Anthracene
Concen: 45.447 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion:178 Resp: 1076749
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.8 13.0 19.4





#73

Carbazole

Concen: 47.603 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

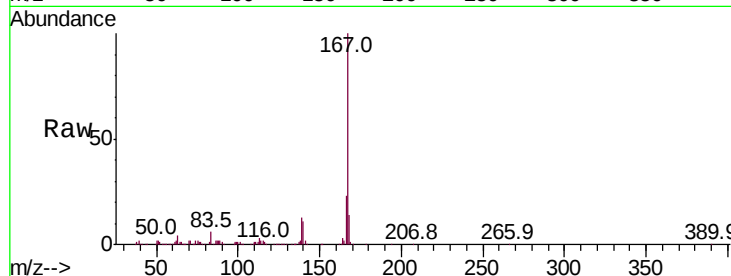
Tot Ion:167 Resp: 967741

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

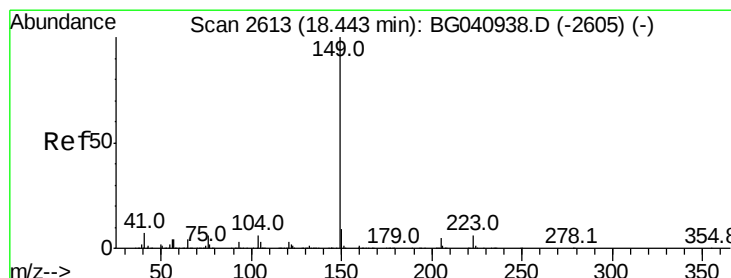
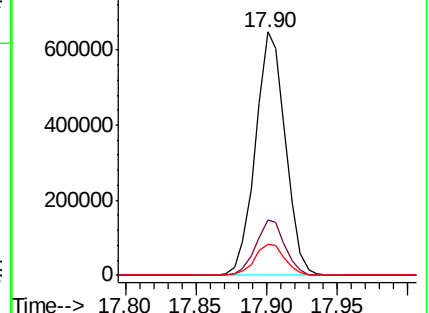
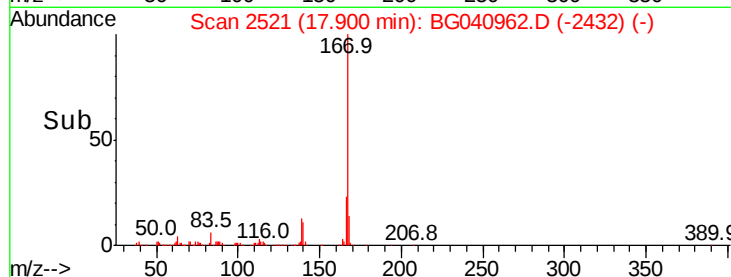
139 13.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.907 ng

RT: 18.44 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

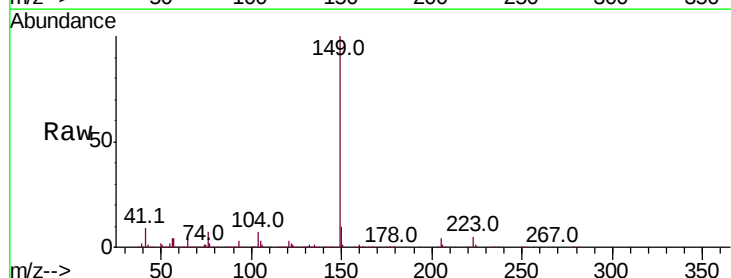
Tgt Ion:149 Resp: 1084129

Ion Ratio Lower Upper

149 100

150 10.5 7.4 11.2

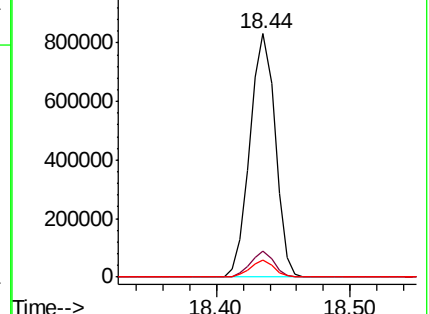
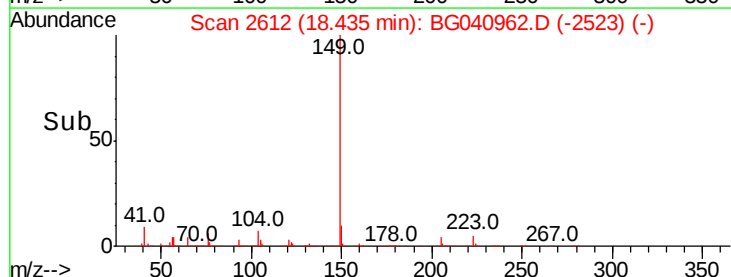
104 7.1 5.0 7.4

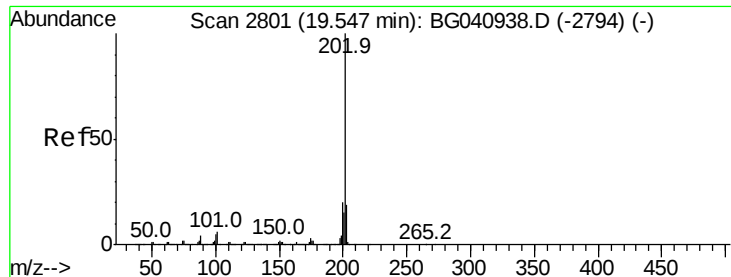


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.732 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

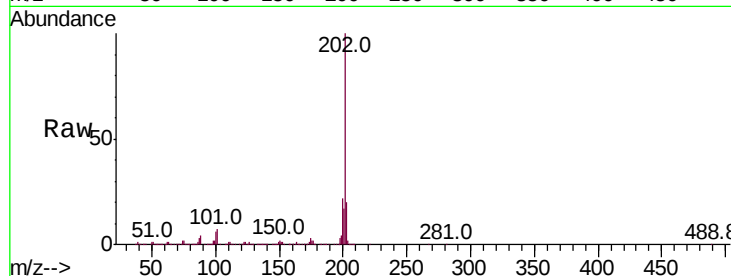
Tot Ion:202 Resp: 1327279

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.2

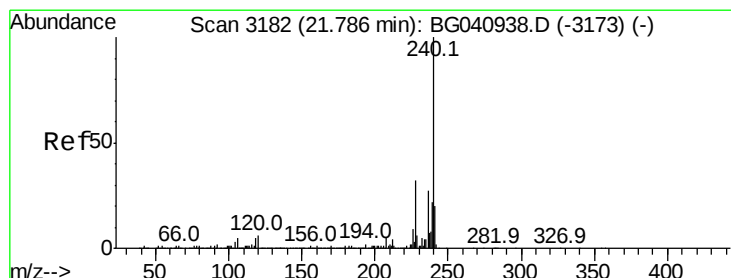
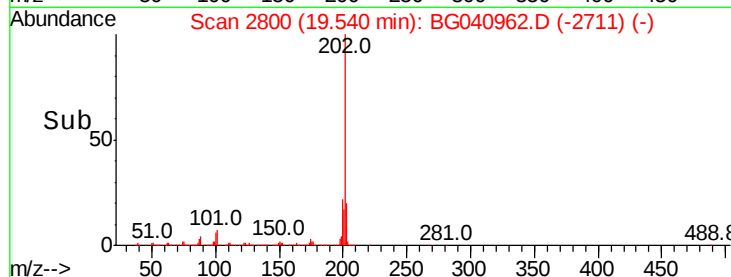
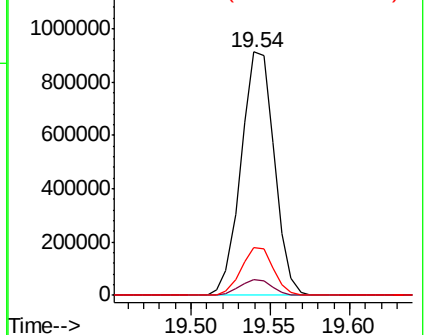
203 19.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

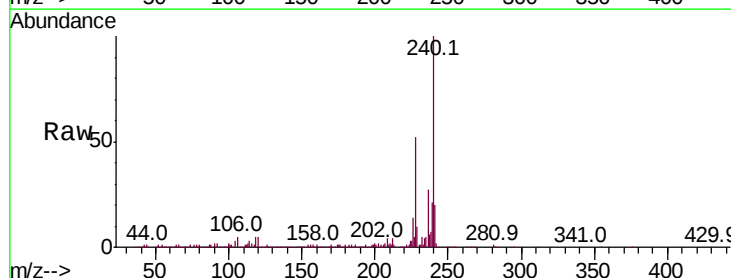
Tgt Ion:240 Resp: 460439

Ion Ratio Lower Upper

240 100

120 4.7 4.5 6.7

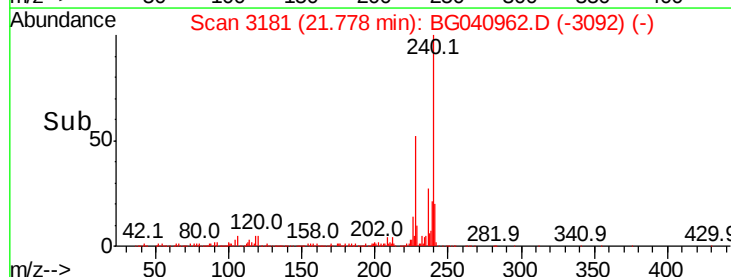
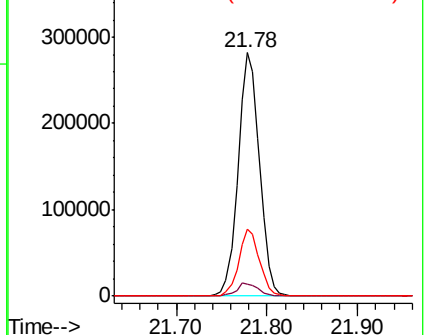
236 27.4 21.3 31.9

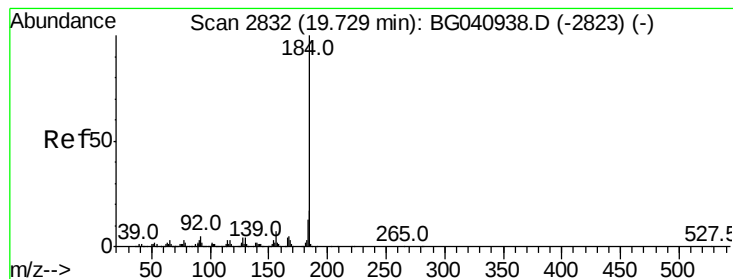


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.893 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

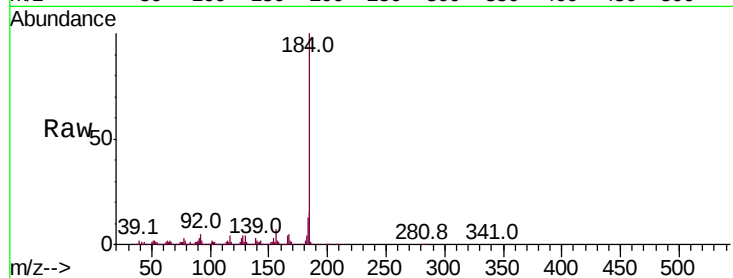
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 504083

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.3	19.9
183	12.7	10.7	16.1

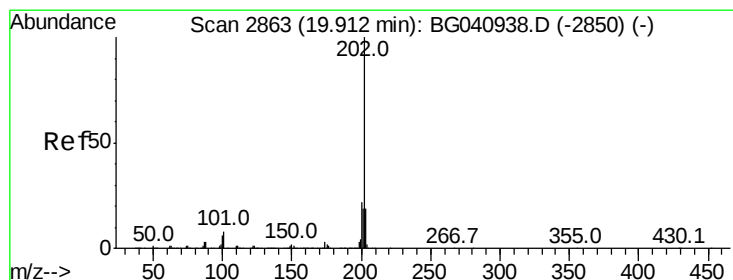
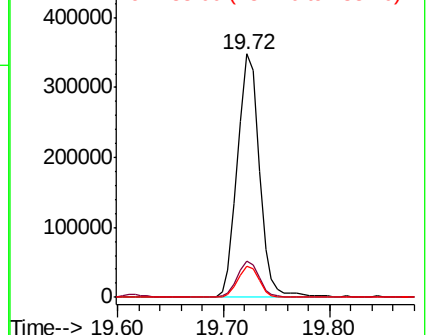
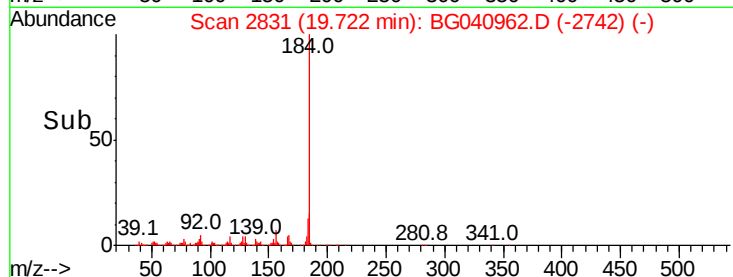


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.315 ng

RT: 19.90 min Scan# 2862

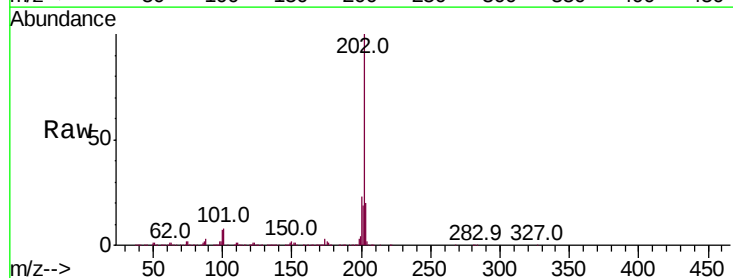
Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Tgt Ion:202 Resp: 1326411

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.5	26.3
203	19.8	15.6	23.4

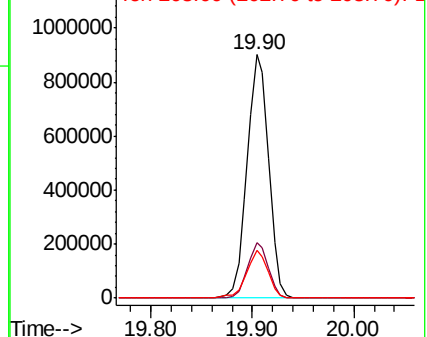
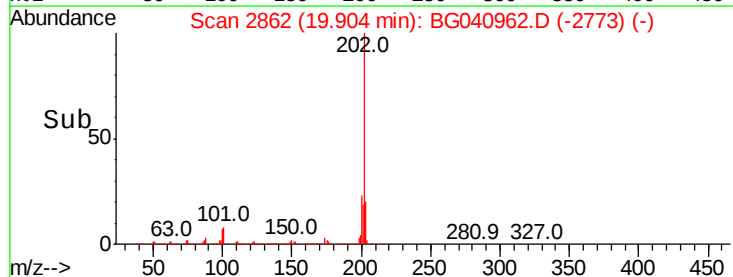


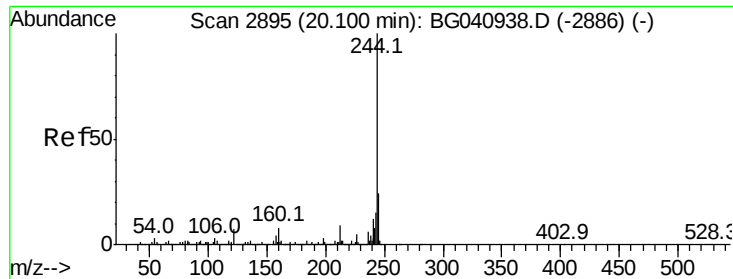
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.875 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

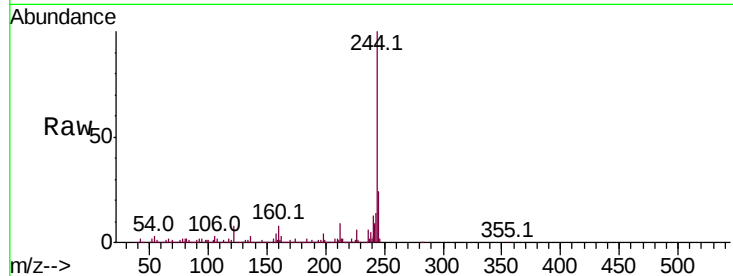
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1711177

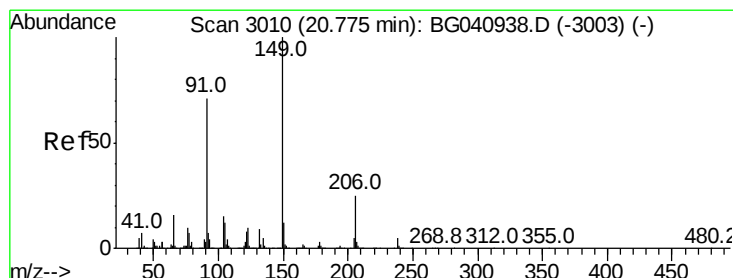
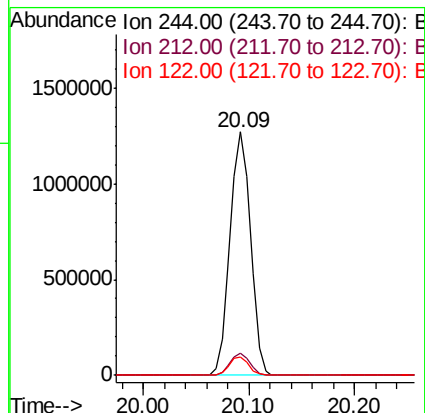
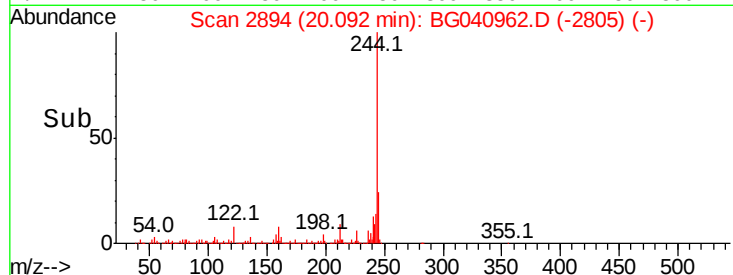
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.4
122	7.6	5.4	8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.415 ng

RT: 20.77 min Scan# 3010

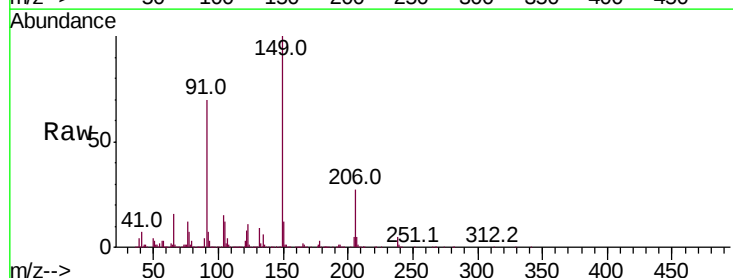
Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Tgt Ion:149 Resp: 517353

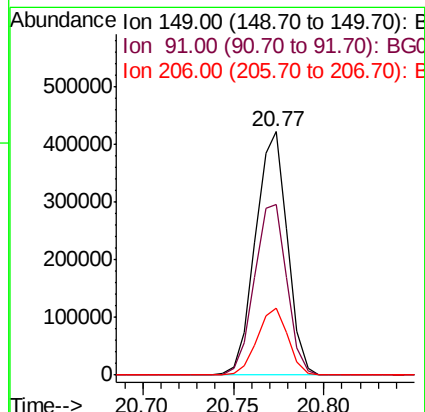
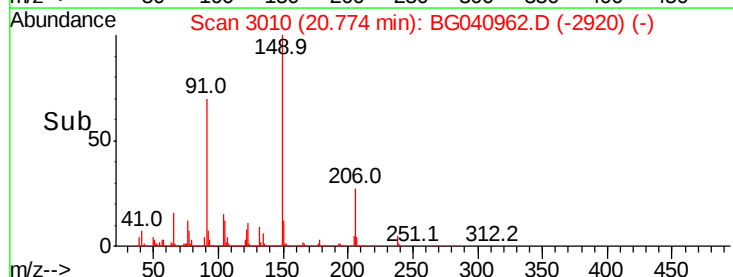
Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.5	84.7
206	27.3	20.3	30.5

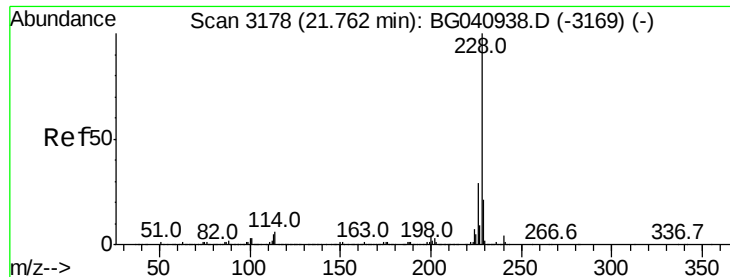


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.267 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

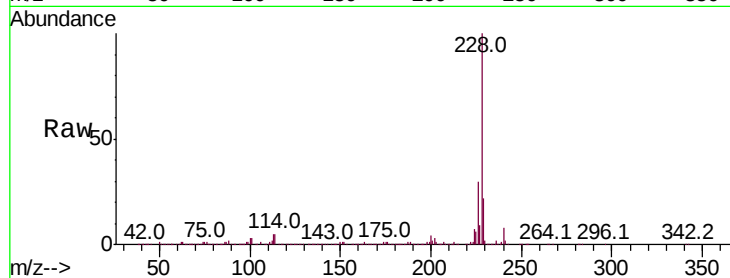
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1295479

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	21.7	16.7	25.1

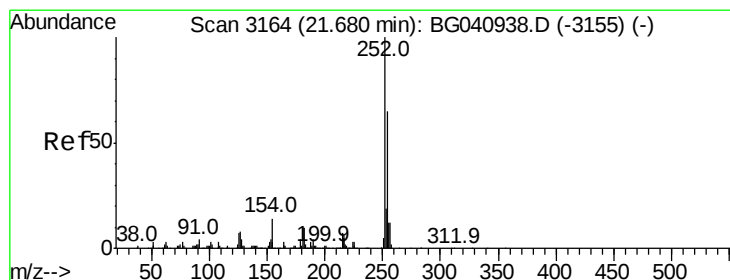
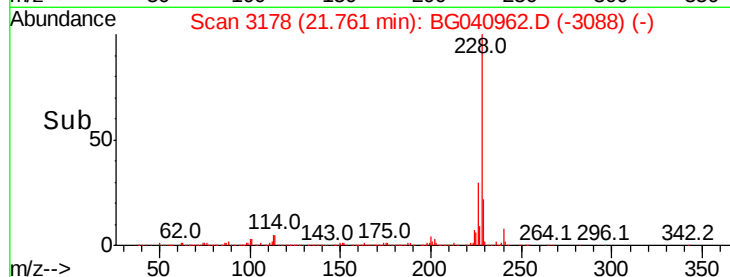
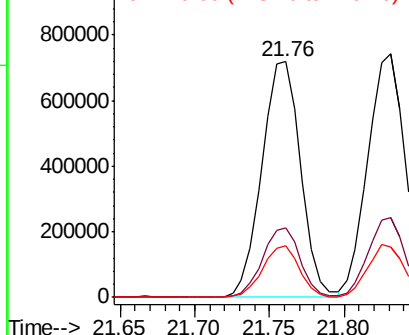


Abundance

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: 21.254 ng

RT: 21.67 min Scan# 3163

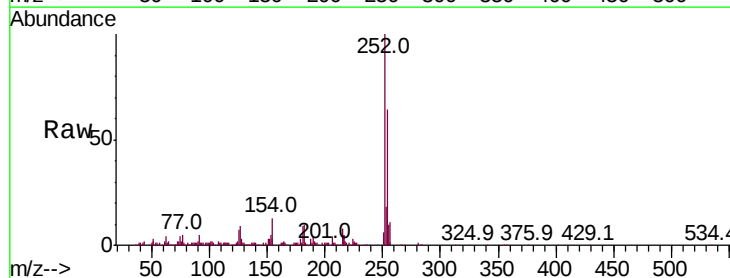
Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Tgt Ion:252 Resp: 229122

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	7.0	5.5	8.3

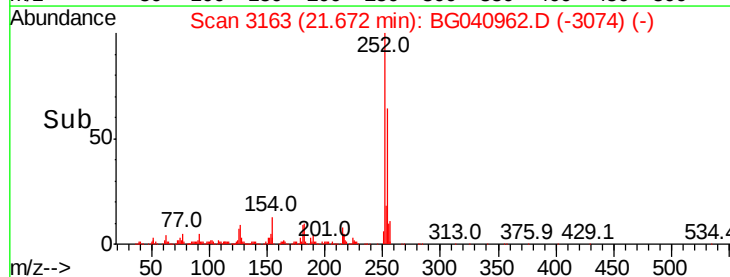
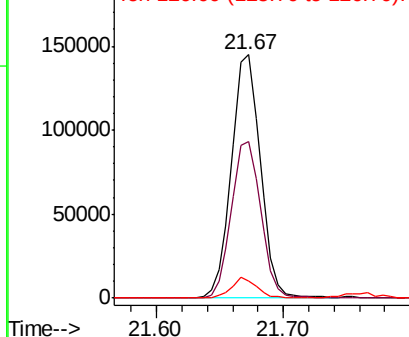


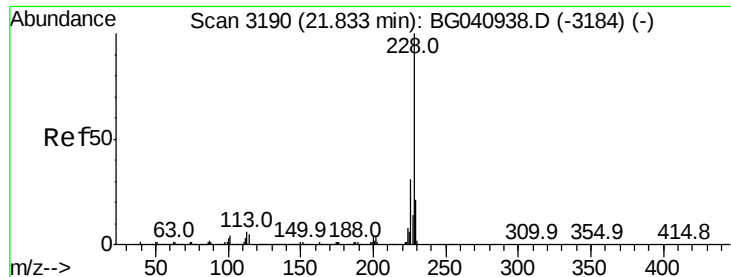
Abundance

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: 43.151 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

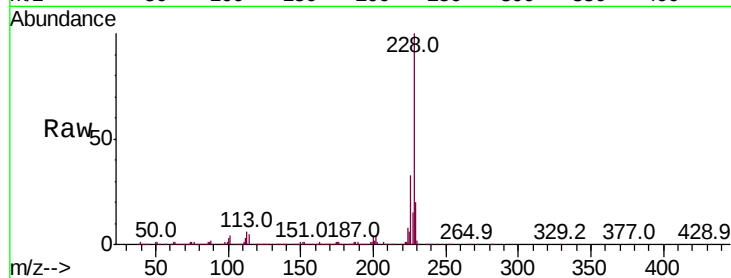
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1265649

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.6	37.0
229	20.5	16.6	24.8

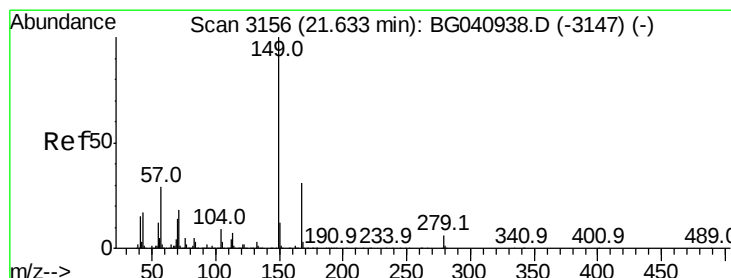
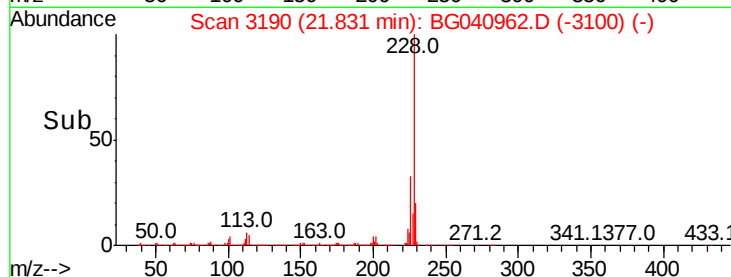
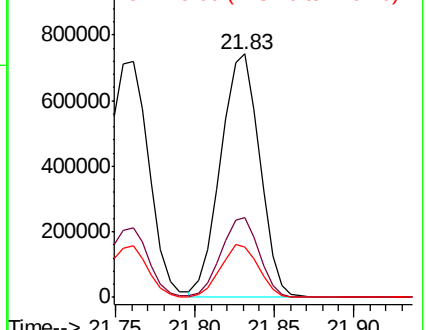


Abundance

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: 43.184 ng

RT: 21.63 min Scan# 3155

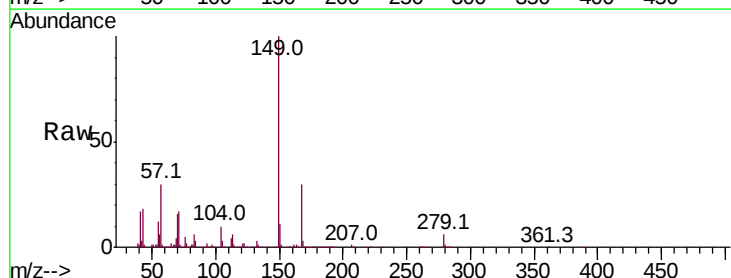
Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Tgt Ion:149 Resp: 708102

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.6	37.0
279	5.9	5.0	7.6

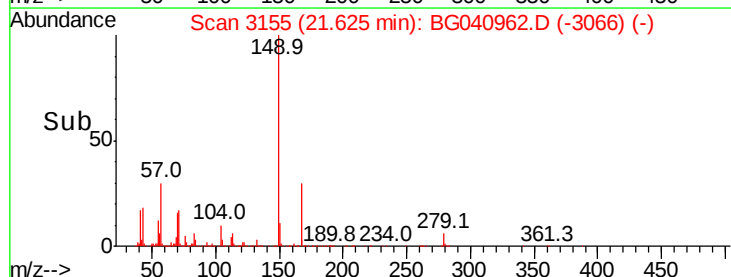
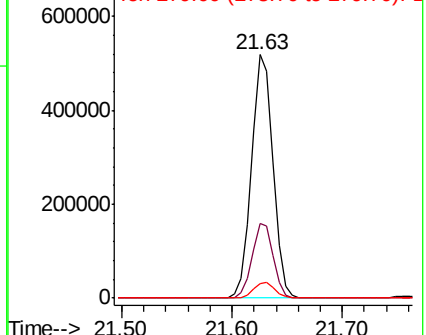


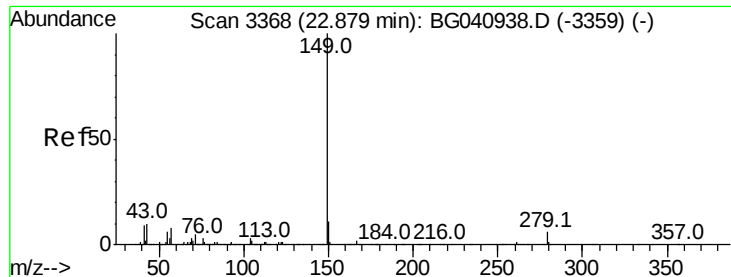
Abundance

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: 43.958 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Instrument :

BNA_G

ClientSampleId :

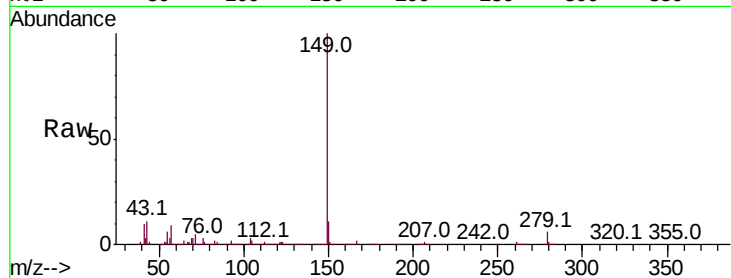
Tot Ion:149 Resp: 1200441

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

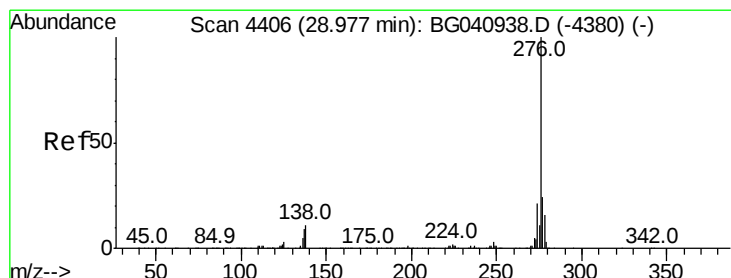
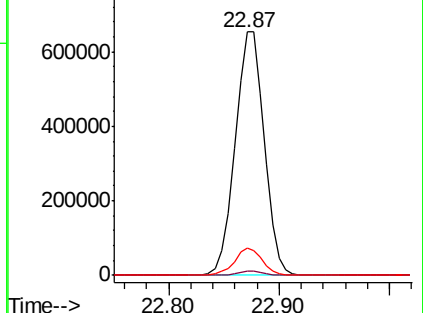
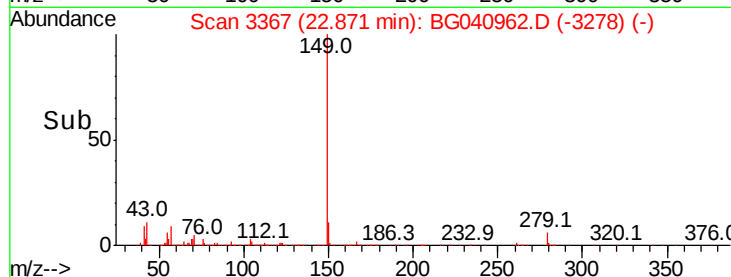
43 10.6 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.172 ng

RT: 28.96 min Scan# 4403

Delta R.T. -0.02 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

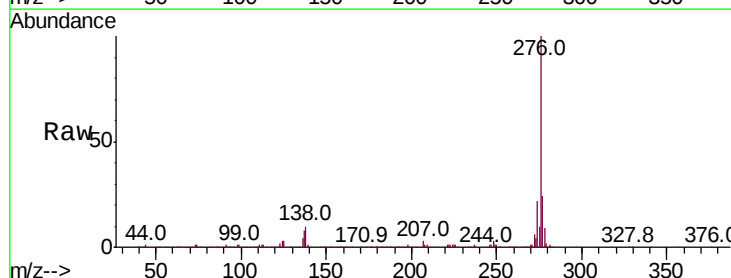
Tgt Ion:276 Resp: 1551134

Ion Ratio Lower Upper

276 100

138 8.8 5.7 8.5#

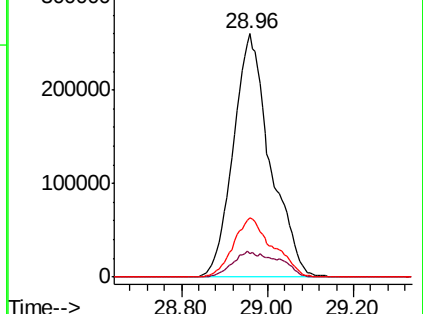
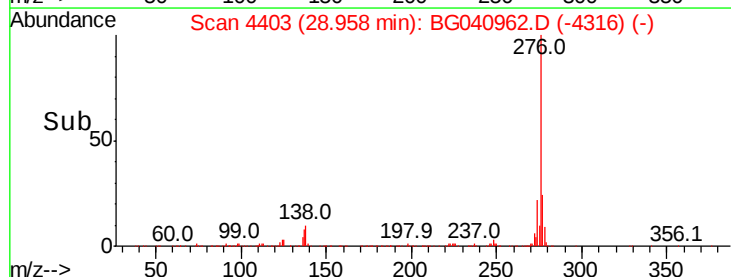
277 26.1 20.8 31.2

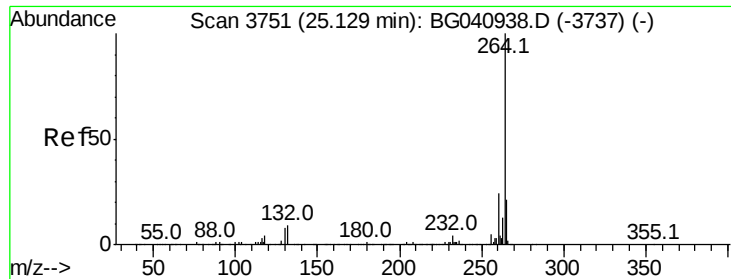


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

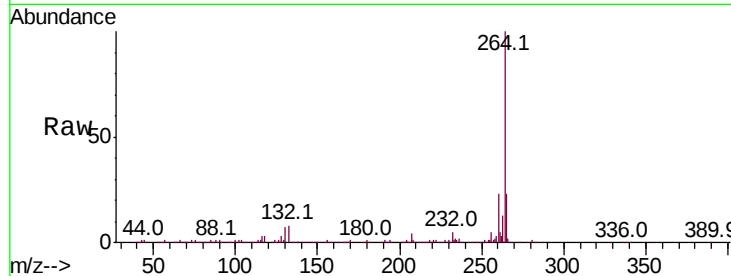
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 487030

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.5	17.0	25.4

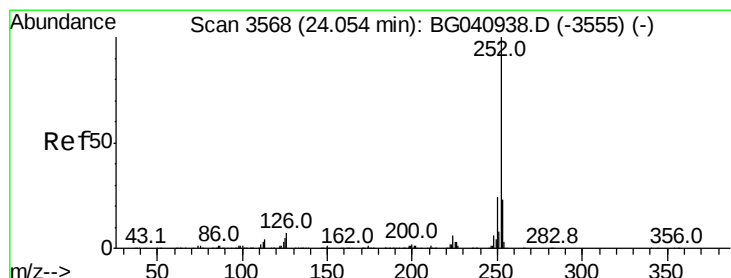
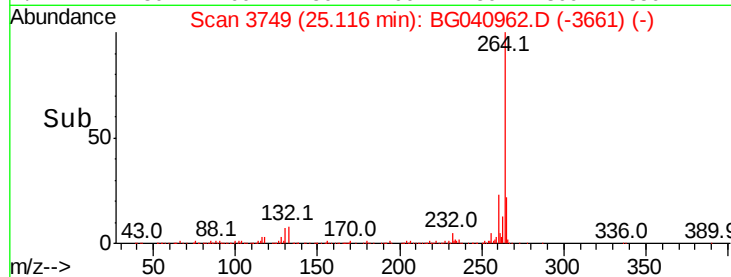
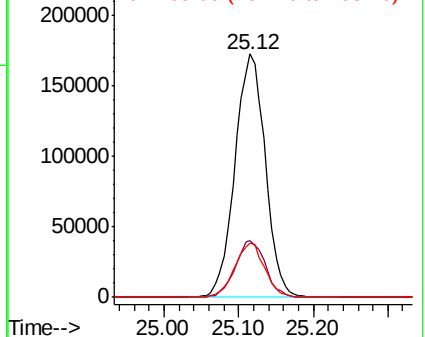


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.018 ng

RT: 24.05 min Scan# 3567

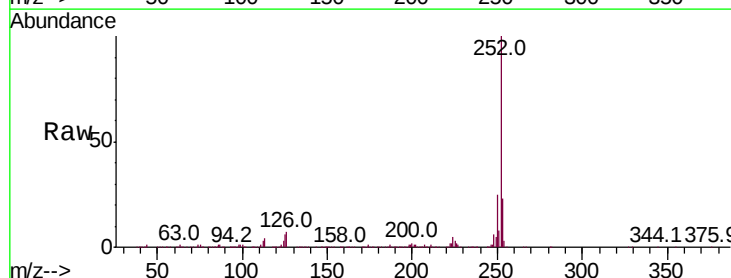
Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Tgt Ion:252 Resp: 1300286

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	5.7	4.3	6.5

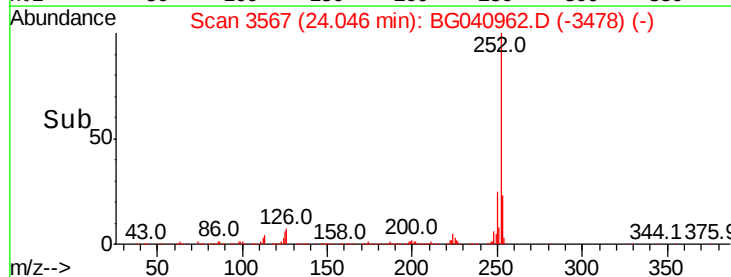
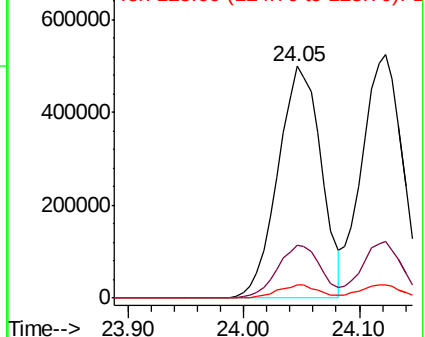


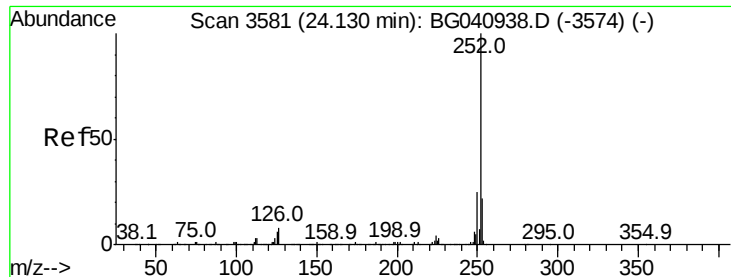
Abundance

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

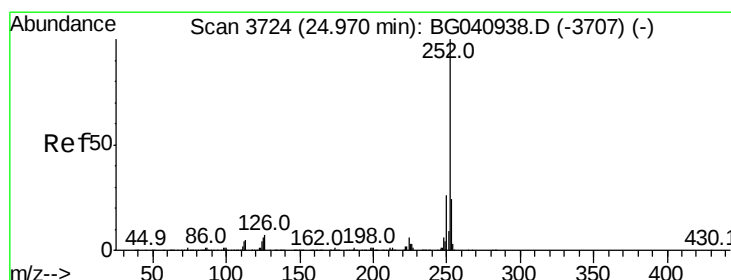
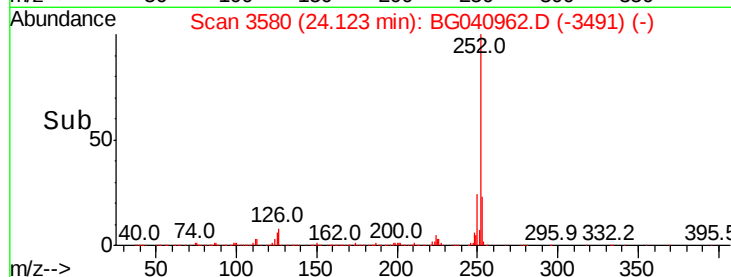
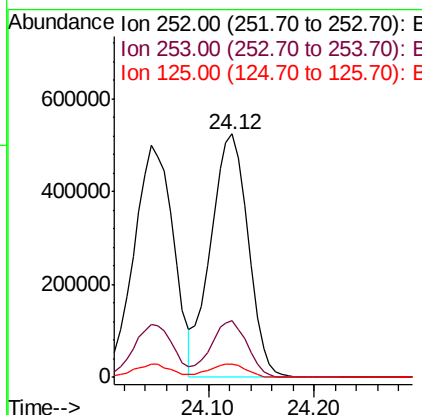
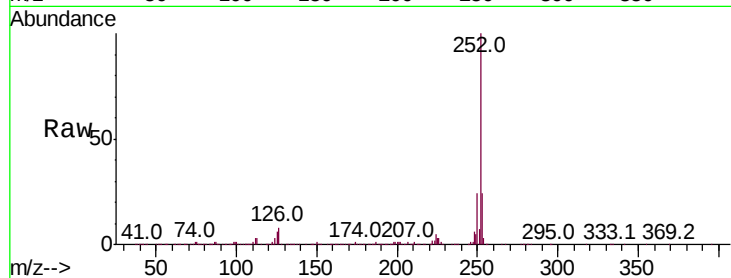




#89
Benzo(k)fluoranthene
Concen: 44.047 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

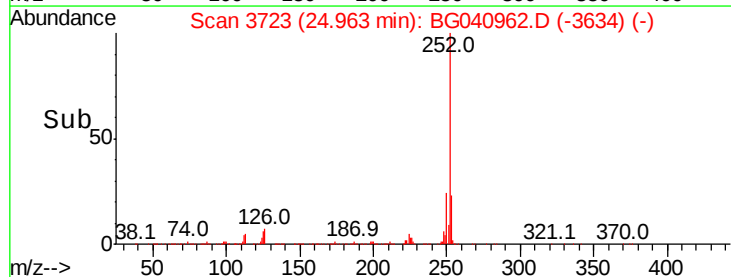
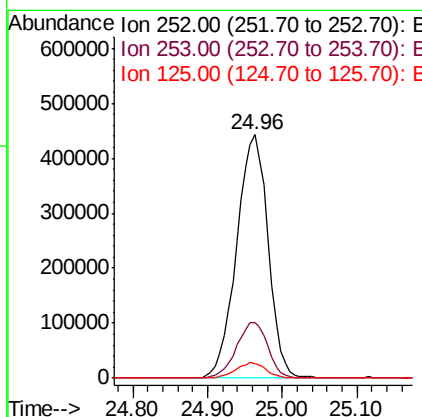
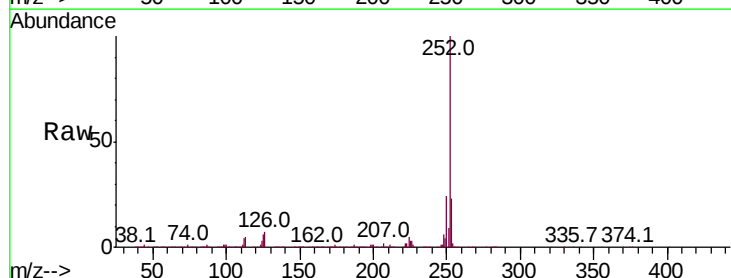
Instrument :
BNA_G
ClientSampleId :

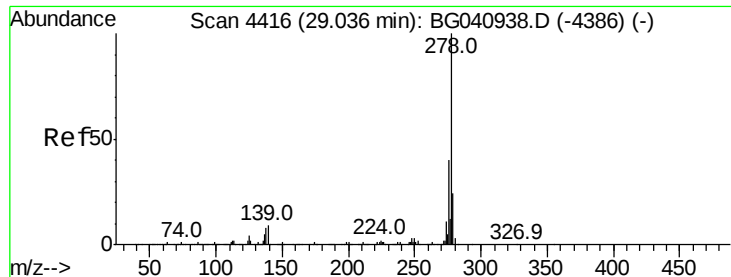
Tot Ion:252 Resp: 1287566
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 5.6 4.7 7.1



#90
Benzo(a)pyrene
Concen: 45.933 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BG040962.D
Acq: 30 May 2019 22:43

Tgt Ion:252 Resp: 1294552
Ion Ratio Lower Upper
252 100
253 22.9 19.5 29.3
125 5.8 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 45.414 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

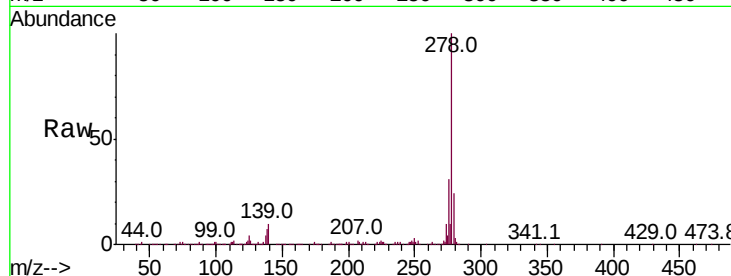
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1278915

Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.1	10.7
279	24.4	19.4	29.2

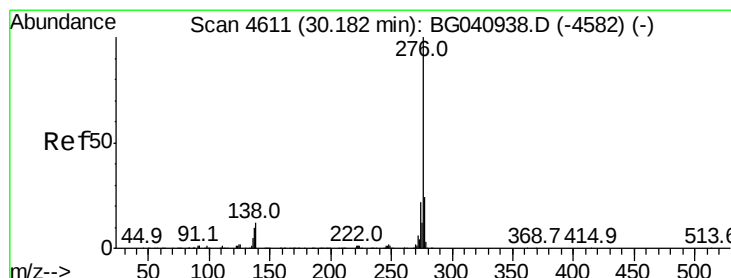
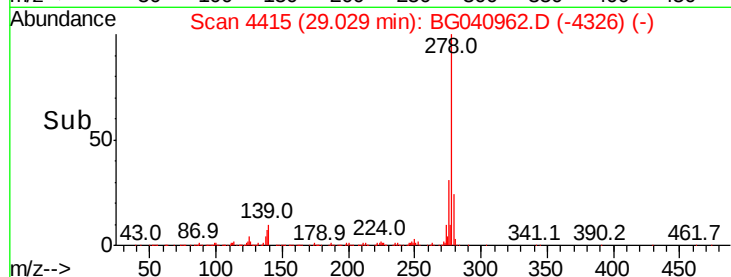
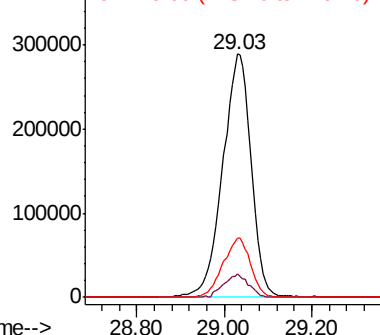


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.058 ng

RT: 30.17 min Scan# 4609

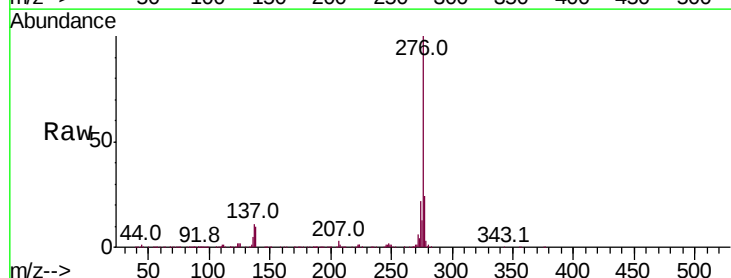
Delta R.T. -0.01 min

Lab File: BG040962.D

Acq: 30 May 2019 22:43

Tgt Ion:276 Resp: 1287458

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	10.4	9.7	14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

