

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040996.D
 Acq On : 1 Jun 2019 4:07
 Operator : HP/JU
 Sample : PB120099BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

Quant Time: Jun 01 06:26:17 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	59471	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	240124	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	172951	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	457420	20.00	ng	0.00
76) Chrysene-d12	21.78	240	463397	20.00	ng	0.00
87) Perylene-d12	25.11	264	492545	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	422387	128.07	ng	0.00
7) Phenol-d6	7.26	99	576677	113.22	ng	0.00
23) Nitrobenzene-d5	9.30	82	443787	82.05	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	301992	117.62	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	975756	81.25	ng	0.00
79) Terphenyl-d14	20.09	244	1824520	83.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	51621	34.492	ng	# 85
3) Pyridine	3.93	79	137236	30.990	ng	95
4) n-Nitrosodimethylamine	3.85	42	75176	36.577	ng	96
6) Aniline	7.45	93	159821	23.507	ng	98
8) 2-Chlorophenol	7.68	128	145527	37.012	ng	99
9) Benzaldehyde	7.26	77	72314	23.800	ng	90
10) Phenol	7.29	94	197582	36.179	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	138537	34.968	ng	99
12) 1,3-Dichlorobenzene	8.01	146	160237	34.121	ng	96
13) 1,4-Dichlorobenzene	8.16	146	160511	33.767	ng	97
14) 1,2-Dichlorobenzene	8.48	146	154224	33.415	ng	99
15) Benzyl Alcohol	8.36	79	164531	34.920	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.64	45	217137	33.540	ng	99
17) 2-Methylphenol	8.55	107	137095	34.671	ng	98
18) Hexachloroethane	9.21	117	63256	34.527	ng	92
19) n-Nitroso-di-n-propylamine	8.93	70	127871	32.622	ng	97
20) 3+4-Methylphenols	8.88	107	186877	34.118	ng	95
22) Acetophenone	8.95	105	237349	35.236	ng	97
24) Nitrobenzene	9.34	77	201296	36.518	ng	99
25) Isophorone	9.86	82	357852	34.764	ng	98
26) 2-Nitrophenol	10.05	139	84684	37.266	ng	# 88
27) 2,4-Dimethylphenol	10.09	122	151932	40.482	ng	91
28) bis(2-Chloroethoxy)methane	10.34	93	190418	34.274	ng	98
29) 2,4-Dichlorophenol	10.58	162	170685	35.814	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	183390	33.826	ng	99
31) Naphthalene	11.00	128	452263	35.080	ng	99
32) Benzoic acid	10.22	122	84258	32.113	ng	98
33) 4-Chloroaniline	11.10	127	107437	17.960	ng	97
34) Hexachlorobutadiene	11.25	225	136965	33.017	ng	98
35) Caprolactam	11.89	113	54067	34.354	ng	# 82
36) 4-Chloro-3-methylphenol	12.21	107	189742	34.860	ng	98
37) 2-Methylnaphthalene	12.59	142	342302	34.473	ng	98
38) 1-Methylnaphthalene	12.81	142	327111	34.959	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	251456	36.072	ng	# 98

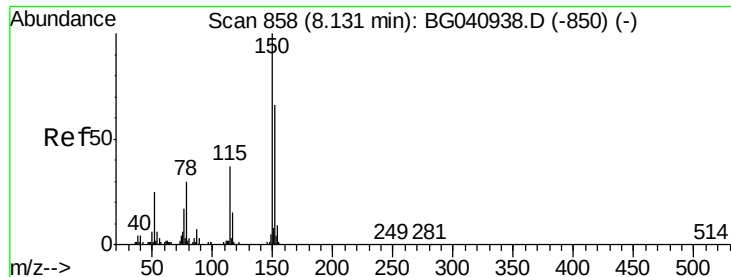
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	332606	87.860	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	159698	35.413	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	168482	35.426	ng	97
46) 1,1'-Biphenyl	13.59	154	463934	36.239	ng	97
47) 2-Chloronaphthalene	13.64	162	381784	34.738	ng	100
48) 2-Nitroaniline	13.84	65	137427	34.855	ng	93
49) Acenaphthylene	14.48	152	599978	36.272	ng	99
50) Dimethylphthalate	14.20	163	517389	35.340	ng	97
51) 2,6-Dinitrotoluene	14.33	165	110230	34.921	ng	95
52) Acenaphthene	14.81	154	349018	34.830	ng	97
53) 3-Nitroaniline	14.66	138	76147	24.124	ng	97
54) 2,4-Dinitrophenol	14.87	184	129820	79.256	ng	96
55) Dibenzofuran	15.15	168	604105	35.828	ng	99
56) 4-Nitrophenol	14.96	139	174003	80.369	ng	89
57) 2,4-Dinitrotoluene	15.11	165	163926	36.764	ng	# 96
58) Fluorene	15.80	166	479138	35.682	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	181847	38.907	ng	99
60) Diethylphthalate	15.56	149	522511	34.972	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	302396	34.647	ng	93
62) 4-Nitroaniline	15.83	138	115105	34.445	ng	95
63) Azobenzene	16.08	77	490545	36.124	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	95266	40.501	ng	98
66) n-Nitrosodiphenylamine	16.00	169	444787	34.591	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	199560	32.328	ng	95
68) Hexachlorobenzene	16.79	284	212661	32.352	ng	99
69) Atrazine	16.94	200	190257	38.346	ng	96
70) Pentachlorophenol	17.14	266	247411	70.779	ng	96
71) Phenanthrene	17.54	178	833851	34.997	ng	100
72) Anthracene	17.63	178	856424	36.445	ng	100
73) Carbazole	17.90	167	736761	36.540	ng	100
74) Di-n-butylphthalate	18.43	149	873313	34.848	ng	98
75) Fluoranthene	19.54	202	1088824	36.998	ng	99
77) Benzidine	19.72	184	394462	35.683	ng	98
78) Pyrene	19.90	202	1098666	36.472	ng	100
80) Butylbenzylphthalate	20.77	149	413350	35.260	ng	98
81) Benzo(a)anthracene	21.75	228	1062428	34.442	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	262385	24.184	ng	99
83) Chrysene	21.82	228	1049870	35.566	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	566799	34.346	ng	98
85) Di-n-octyl phthalate	22.87	149	962844	35.033	ng	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1271544	35.164	ng	# 96
88) Benzo(b)fluoranthene	24.05	252	1092733	36.577	ng	98
89) Benzo(k)fluoranthene	24.12	252	1066536	36.077	ng	98
90) Benzo(a)pyrene	24.96	252	1065728	37.391	ng	96
91) Dibenzo(a,h)anthracene	29.02	278	1032460	36.252	ng	99
92) Benzo(g,h,i)perylene	30.16	276	1045732	37.794	ng	99

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

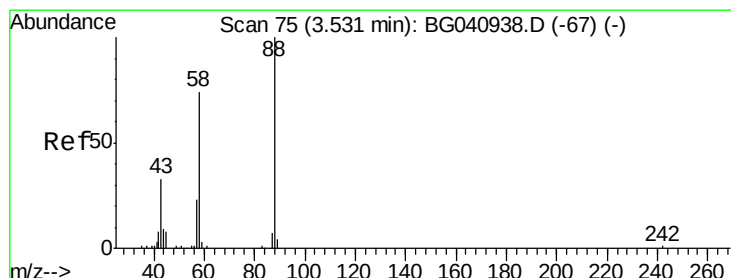
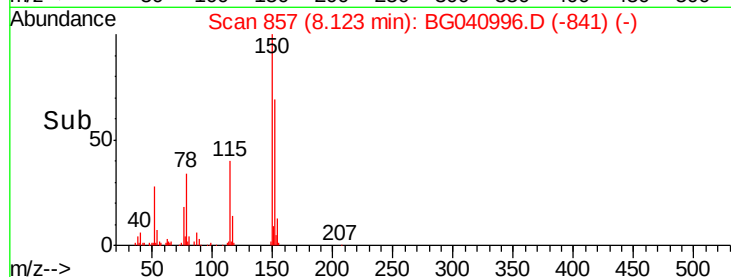
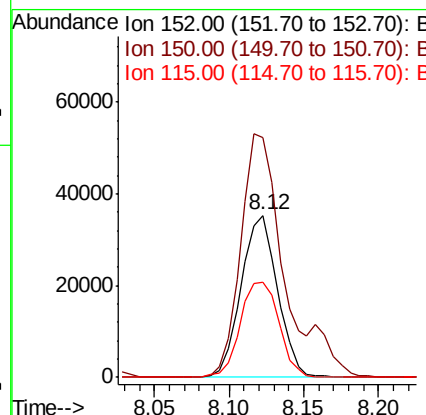
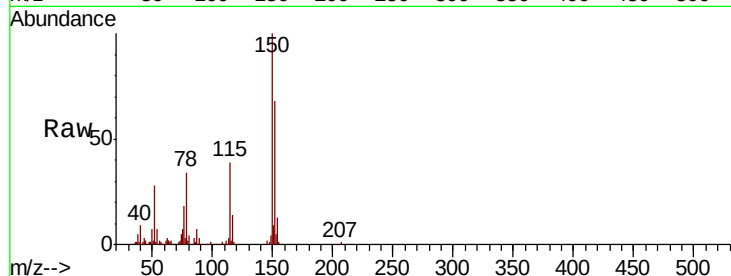


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Instrument :
BNA_G
ClientSampleId :
PB120099BS

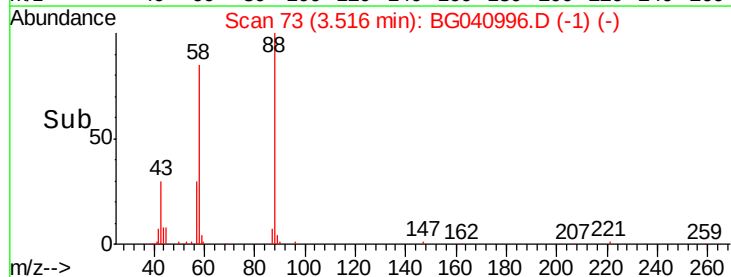
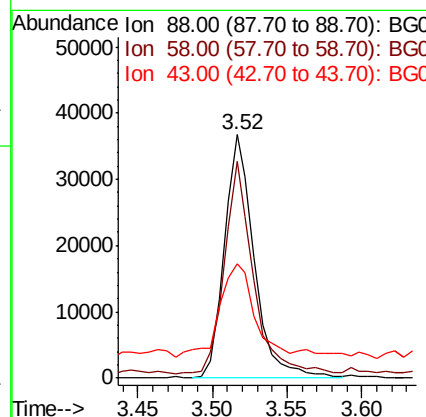
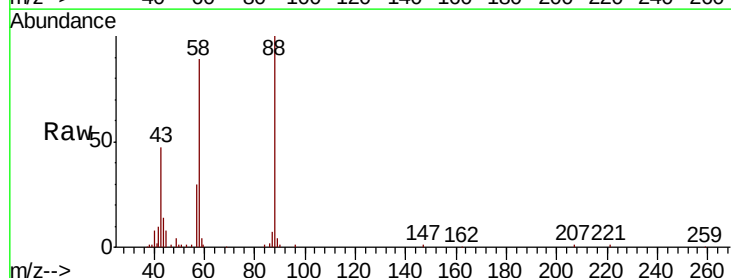
Tot Ion:152 Resp: 59471
Ion Ratio Lower Upper
152 100
150 148.0 120.6 180.8
115 58.4 45.1 67.7

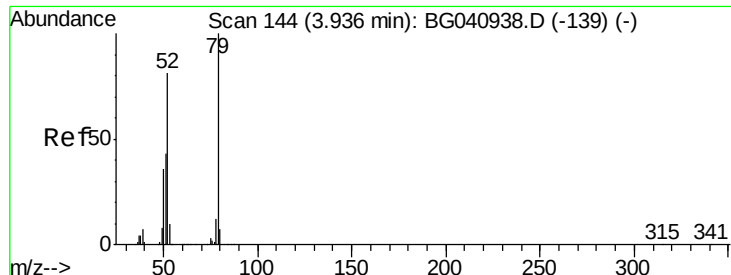


#2

1,4-Dioxane
Concen: 34.492 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion: 88 Resp: 51621
Ion Ratio Lower Upper
88 100
58 84.6 59.0 88.6
43 44.5 27.2 40.8#





#3

Pvridine

Concen: 30.990 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

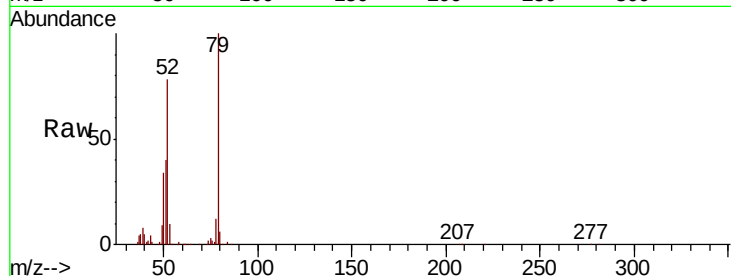
Tot Ion: 79 Resp: 137236

Ion Ratio Lower Upper

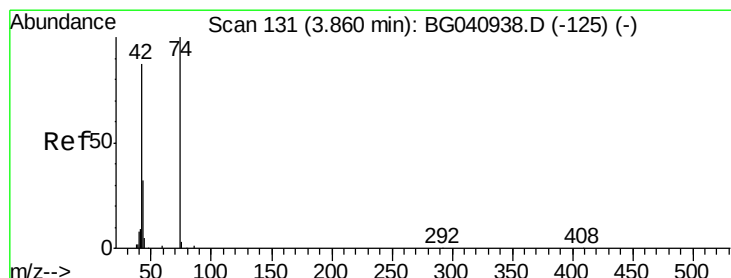
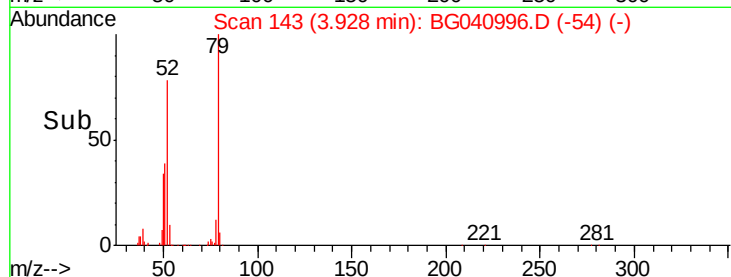
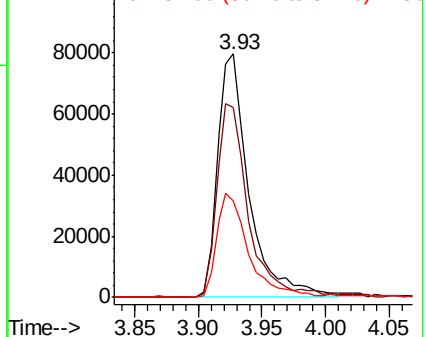
79 100

52 77.9 64.8 97.2

51 39.6 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: 36.577 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

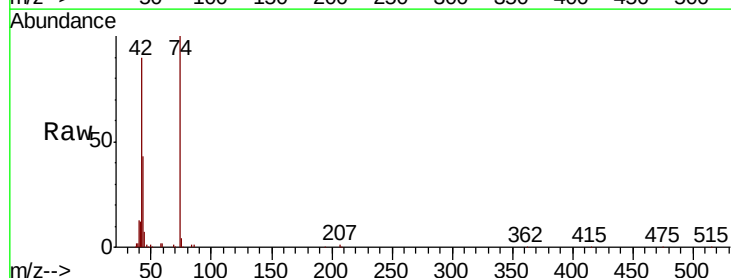
Tgt Ion: 42 Resp: 75176

Ion Ratio Lower Upper

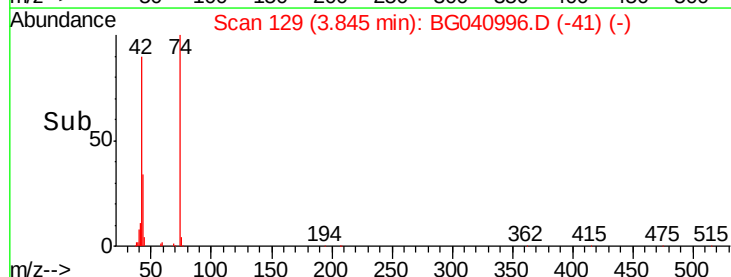
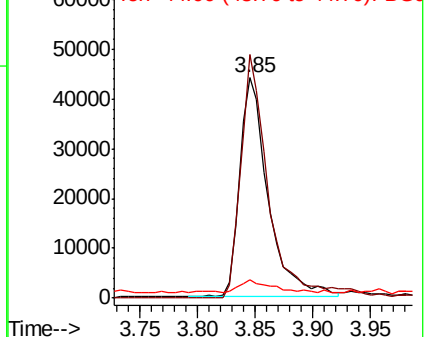
42 100

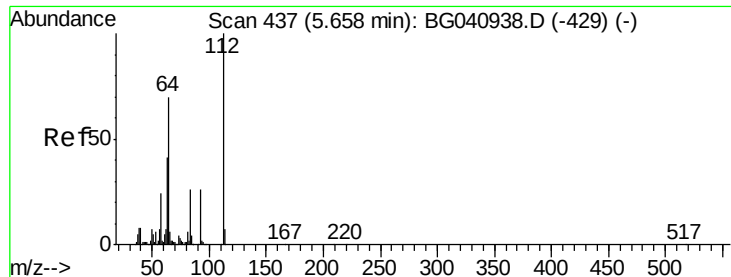
74 110.5 91.8 137.6

44 8.2 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: 128.071 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

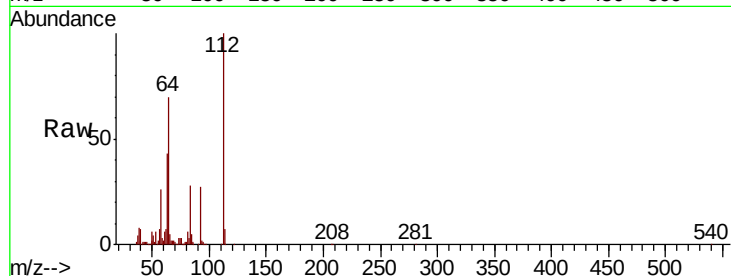
Tot Ion:112 Resp: 422387

Ion Ratio Lower Upper

112 100

64 69.8 56.2 84.2

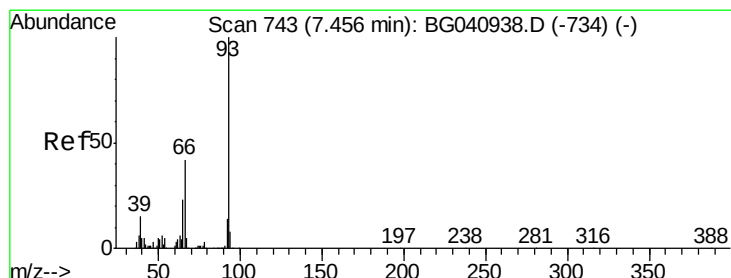
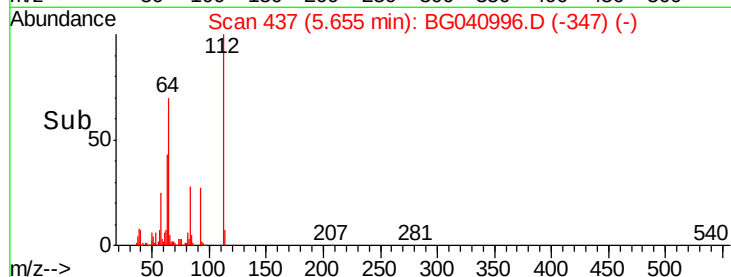
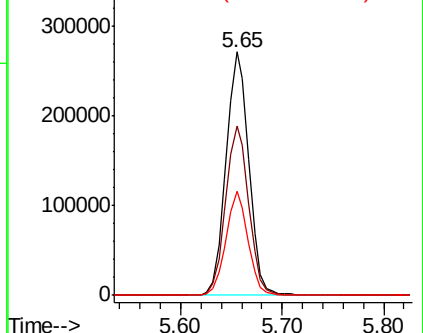
63 42.7 32.8 49.2



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: 23.507 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

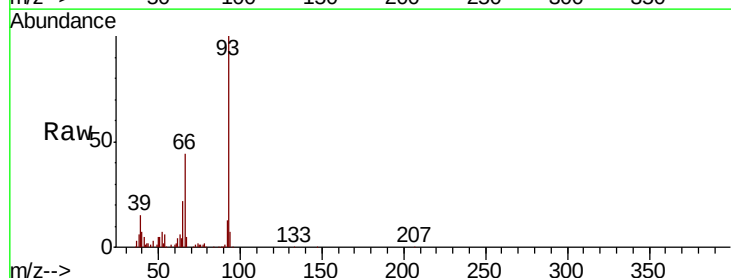
Tgt Ion: 93 Resp: 159821

Ion Ratio Lower Upper

93 100

66 43.9 33.8 50.8

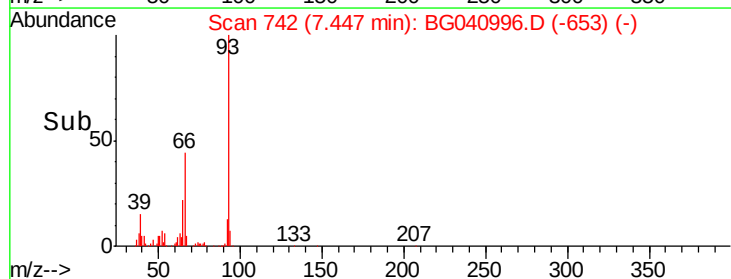
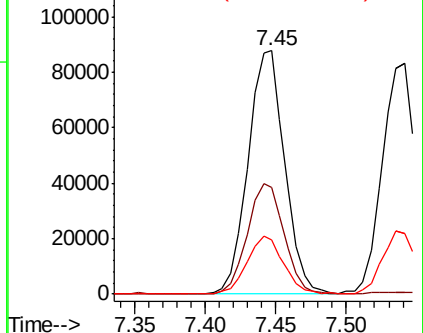
65 22.4 18.3 27.5

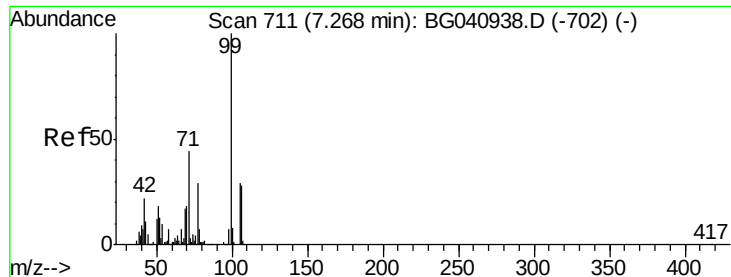


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.218 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

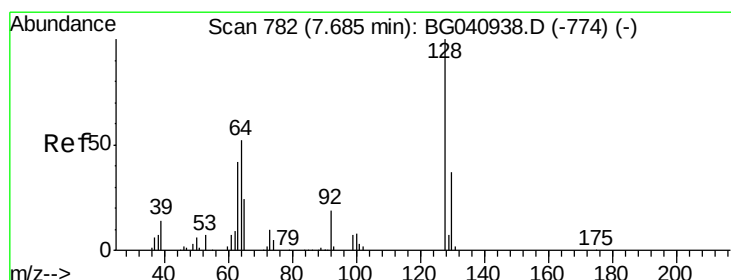
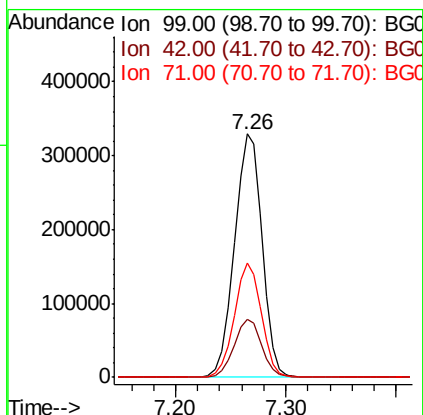
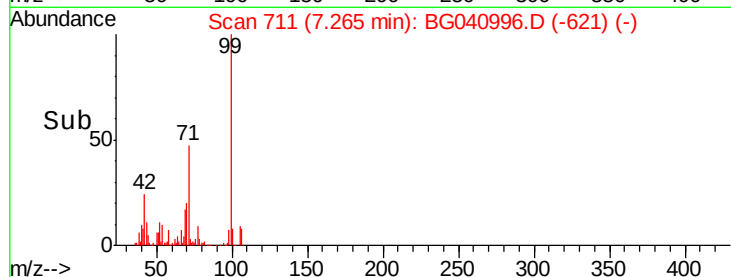
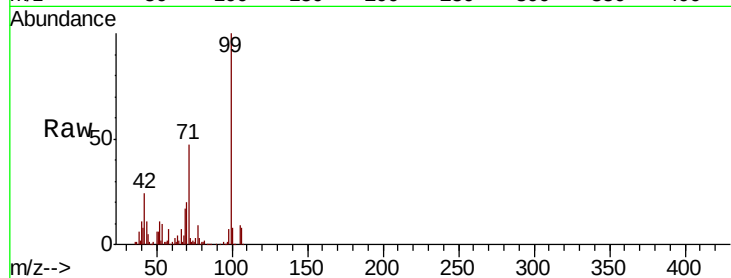
Tot Ion: 99 Resp: 576677

Ion Ratio Lower Upper

99 100

42 23.9 17.9 26.9

71 46.7 35.4 53.0



#8

2-Chlorophenol

Concen: 37.012 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

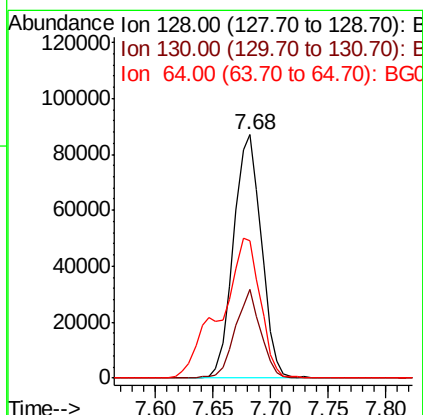
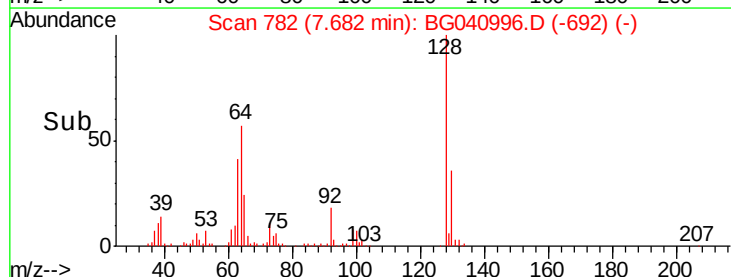
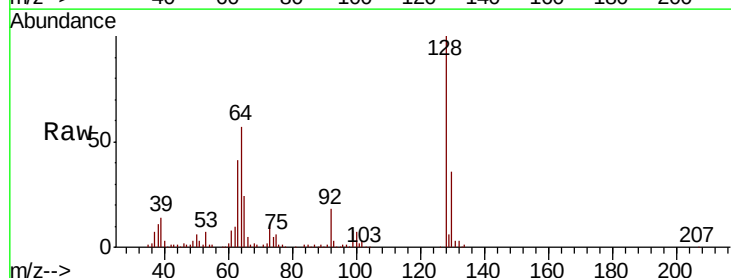
Tgt Ion: 128 Resp: 145527

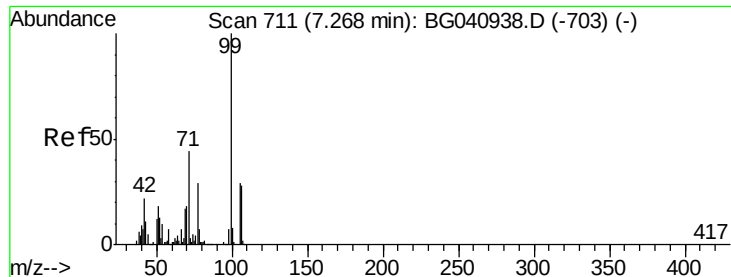
Ion Ratio Lower Upper

128 100

130 36.4 16.6 56.6

64 56.5 37.8 77.8





#9

Benzaldehyde

Concen: 23.800 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleID :

PB120099BS

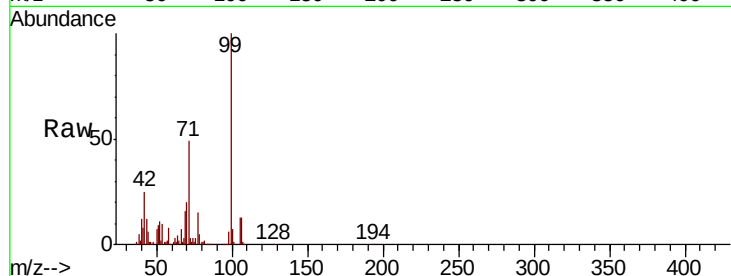
Tot Ion: 77 Resp: 72314

Ion Ratio Lower Upper

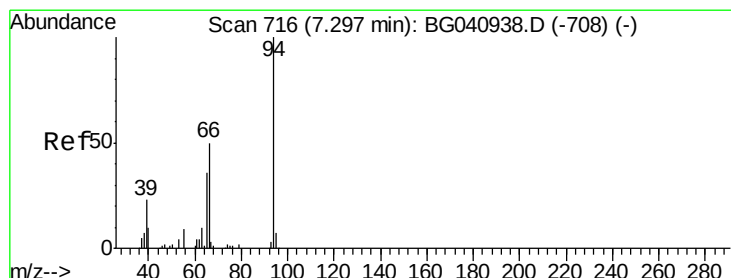
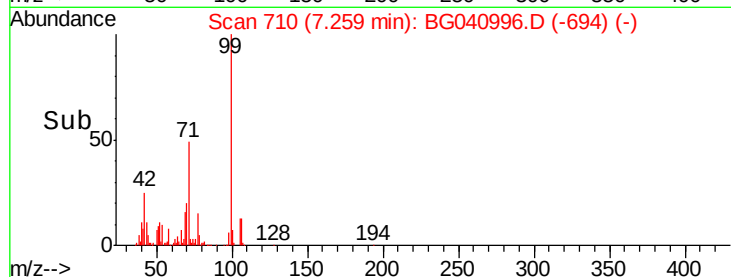
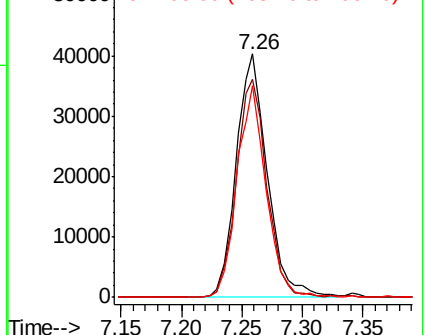
77 100

105 89.5 78.9 118.9

106 86.8 76.7 116.7



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



#10

Phenol

Concen: 36.179 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

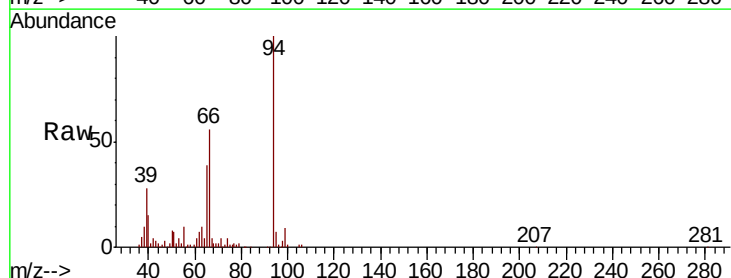
Tgt Ion: 94 Resp: 197582

Ion Ratio Lower Upper

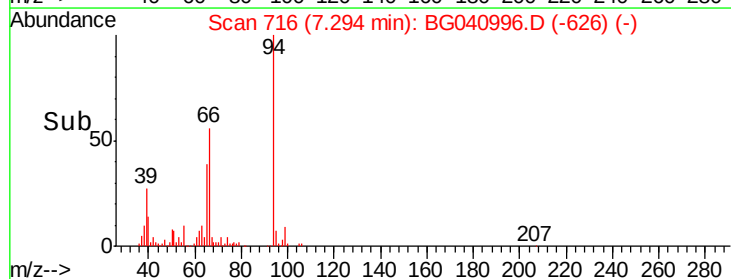
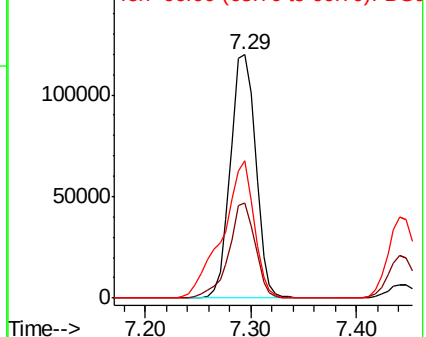
94 100

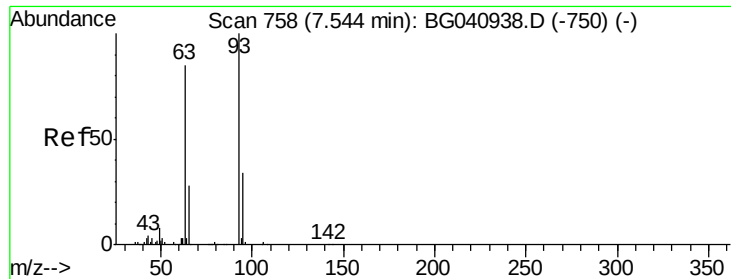
65 39.2 17.0 57.0

66 56.2 32.4 72.4



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

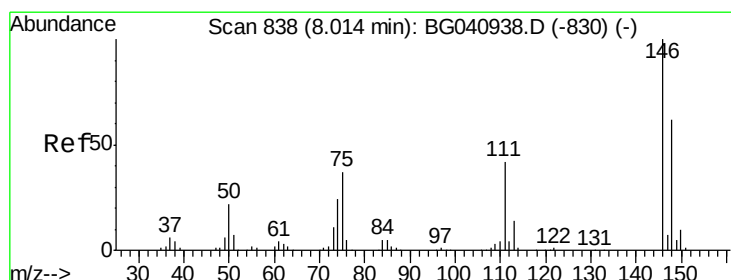
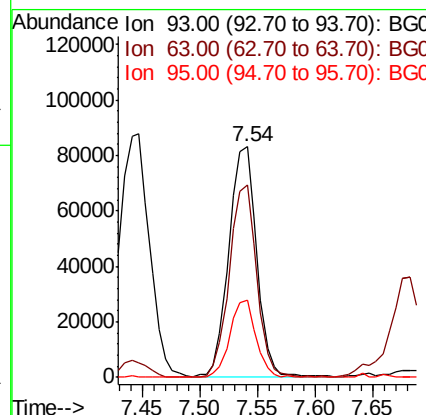
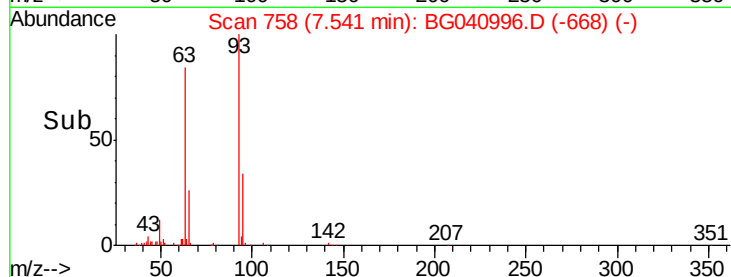
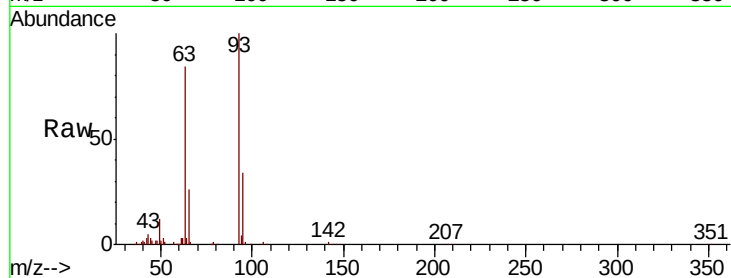




#11
 bis(2-Chloroethyl)ether
 Concen: 34.968 ng
 RT: 7.54 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

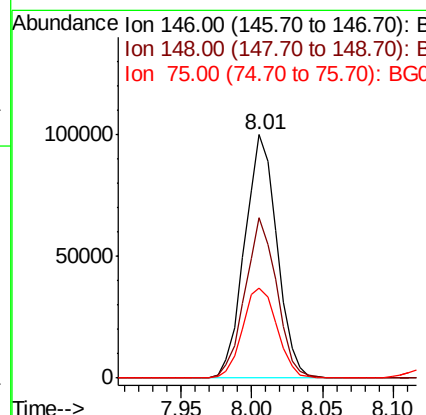
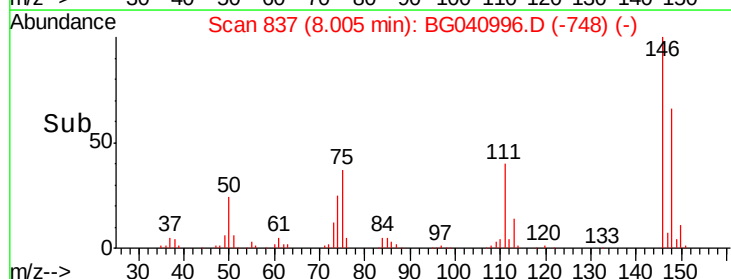
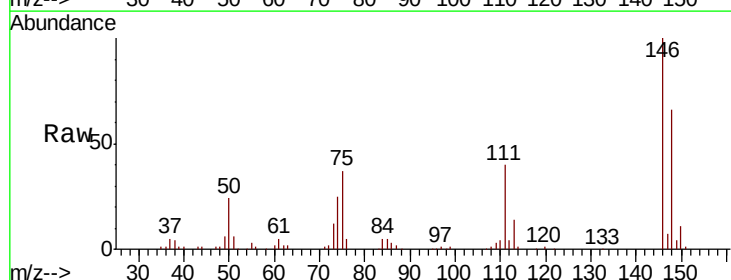
Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

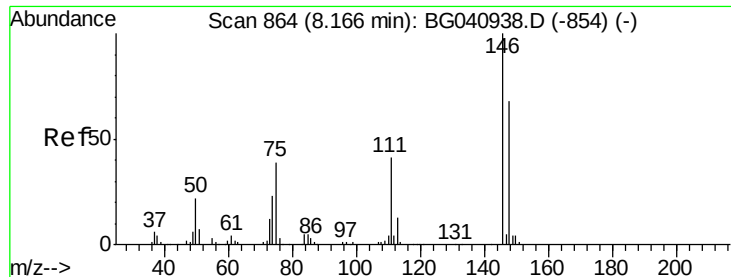
Tot Ion	93	Resp	138537
Ion Ratio	Lower	Upper	
93	100		
63	83.8	64.5	104.5
95	33.6	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 34.121 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Tgt Ion	146	Resp	160237
Ion Ratio	Lower	Upper	
146	100		
148	65.7	49.2	73.8
75	37.1	29.4	44.0

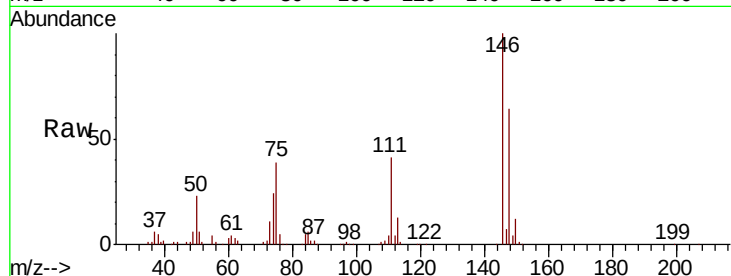




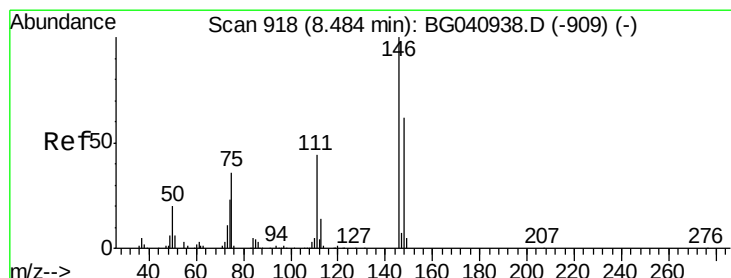
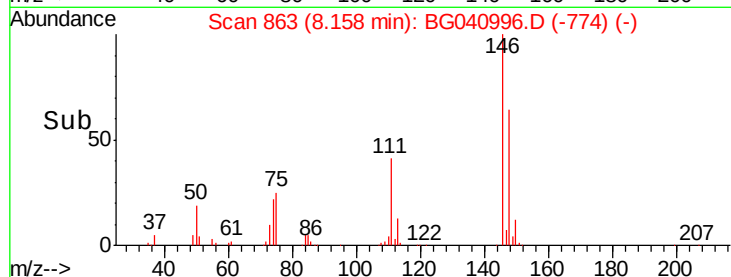
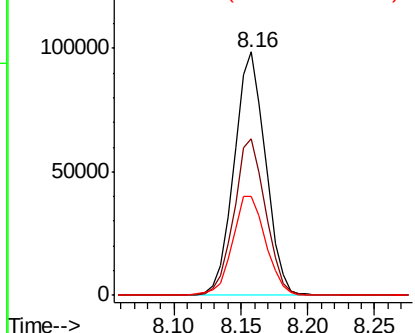
#13
 1,4-Dichlorobenzene
 Concen: 33.767 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

Tot Ion:146 Resp: 160511
 Ion Ratio Lower Upper
 146 100
 148 64.1 54.2 81.4
 111 40.8 32.9 49.3

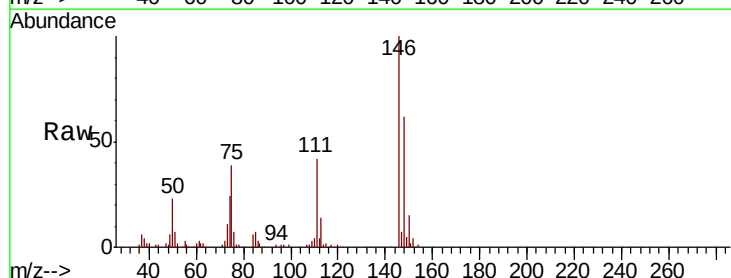


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

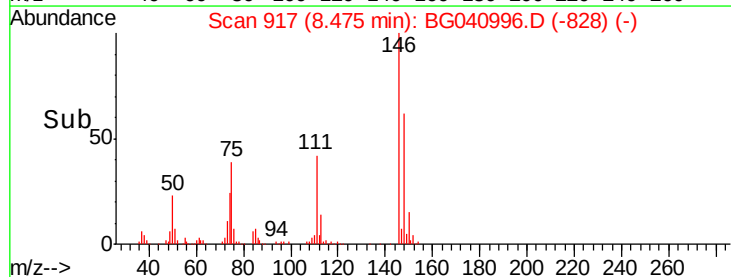
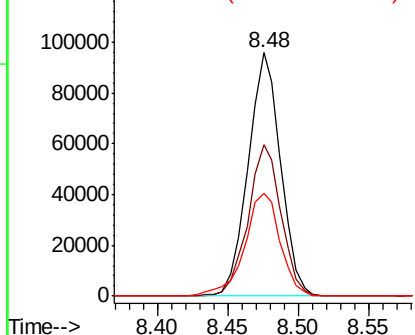


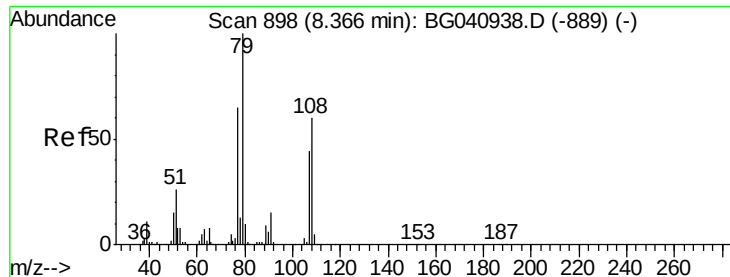
#14
 1,2-Dichlorobenzene
 Concen: 33.415 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Tgt Ion:146 Resp: 154224
 Ion Ratio Lower Upper
 146 100
 148 62.0 49.8 74.6
 111 42.4 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: 34.920 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

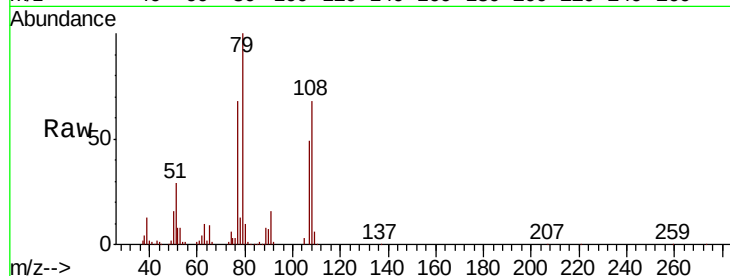
Tot Ion: 79 Resp: 164531

Ion Ratio Lower Upper

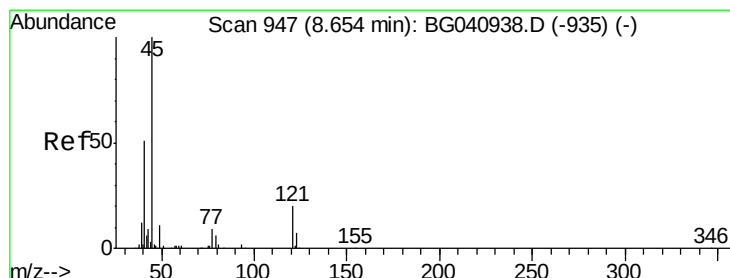
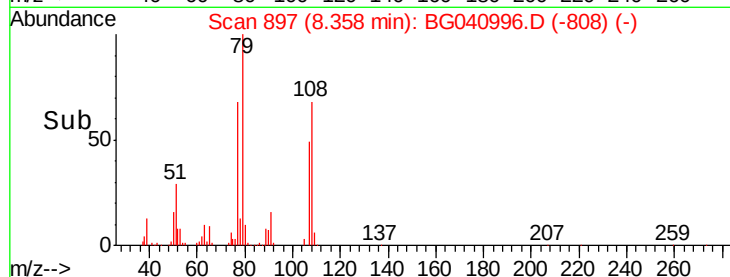
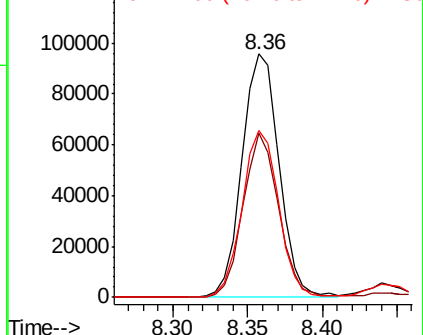
79 100

108 67.7 48.3 72.5

77 68.3 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.540 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

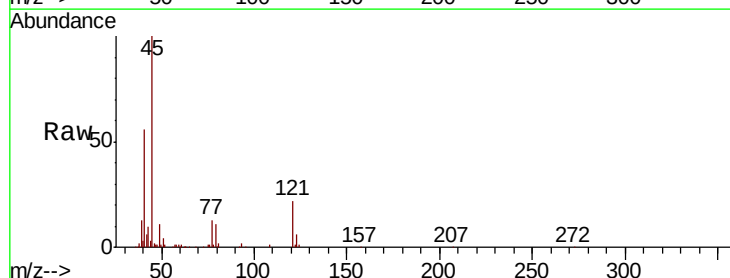
Tgt Ion: 45 Resp: 217137

Ion Ratio Lower Upper

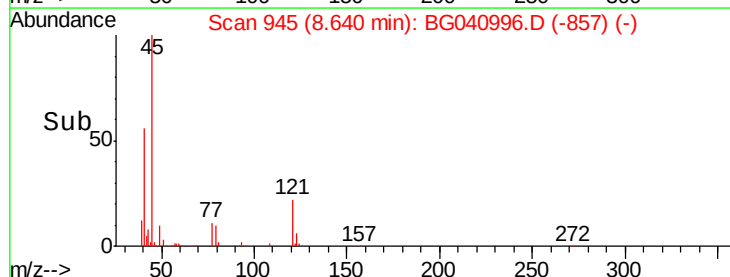
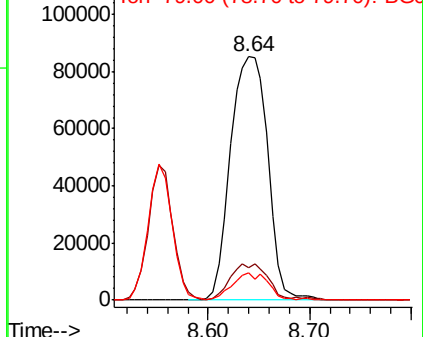
45 100

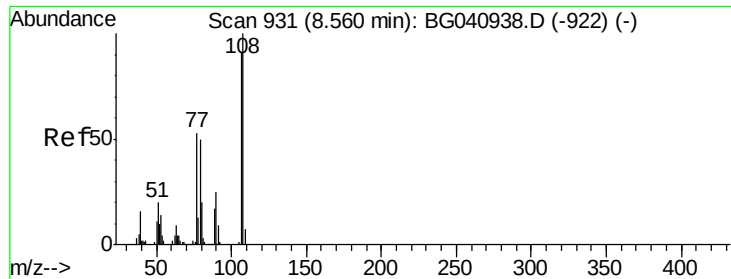
77 13.4 0.0 33.7

79 11.1 0.0 30.2



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





#17

2-Methylphenol

Concen: 34.671 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

Tot Ion:107 Resp: 137095

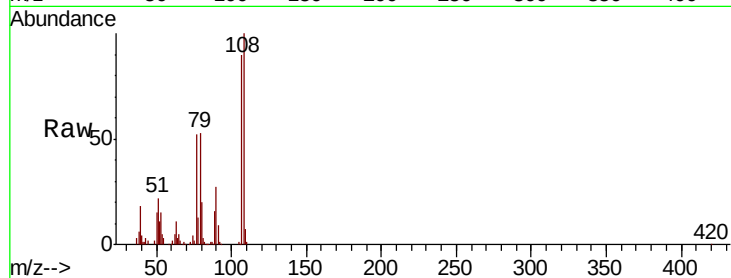
Ion Ratio Lower Upper

107 100

108 111.2 87.7 131.5

77 58.3 46.6 70.0

79 58.6 44.6 66.8

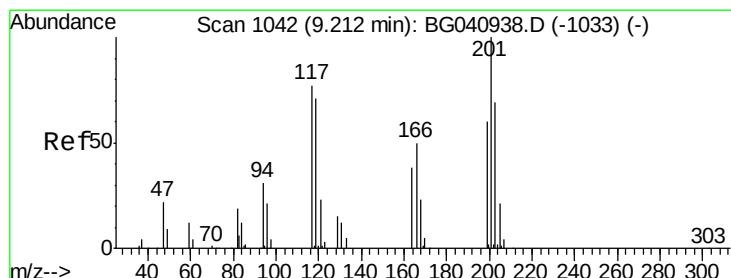
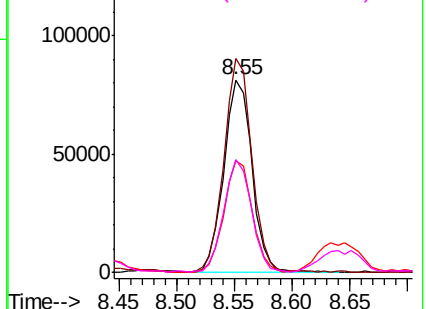
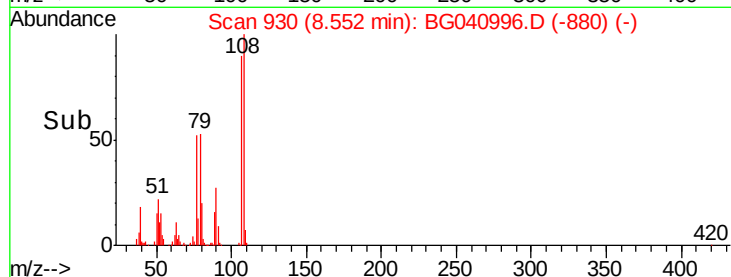


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.527 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

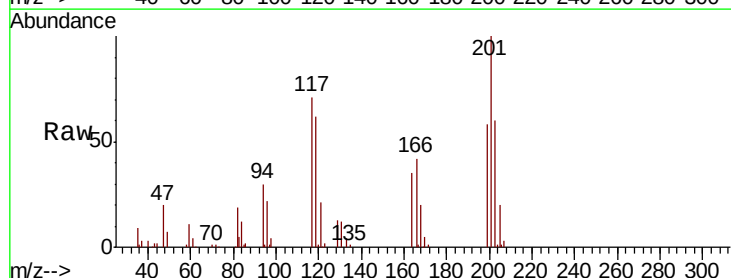
Tgt Ion:117 Resp: 63256

Ion Ratio Lower Upper

117 100

119 87.6 75.0 112.6

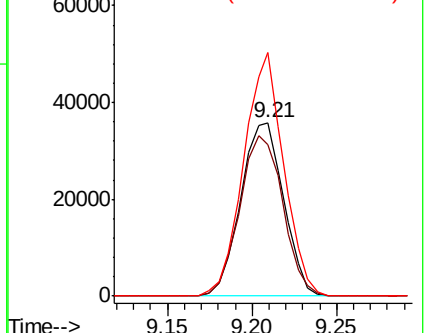
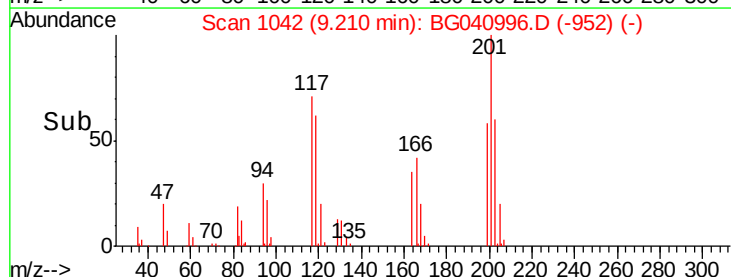
201 140.5 103.5 155.3

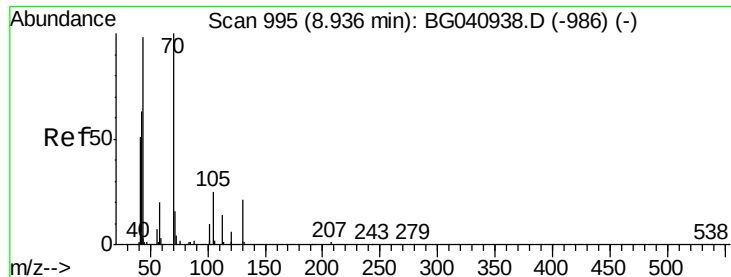


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.622 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

Tot Ion: 70 Resp: 127871

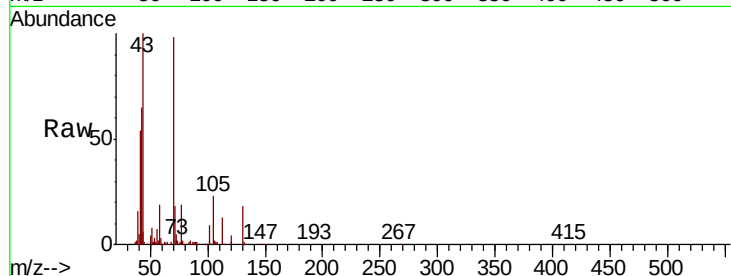
Ion Ratio Lower Upper

70 100

42 66.2 51.5 77.3

101 9.4 8.1 12.1

130 18.7 16.6 24.8



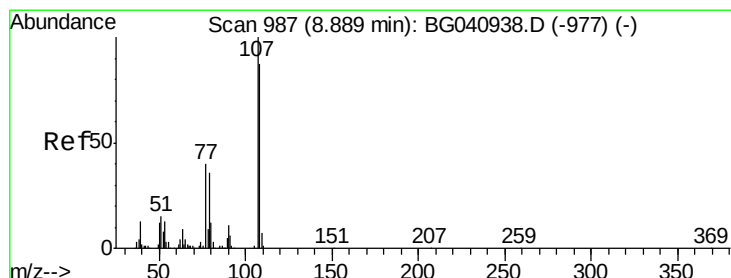
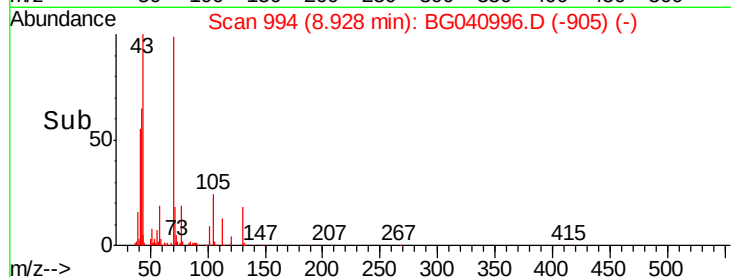
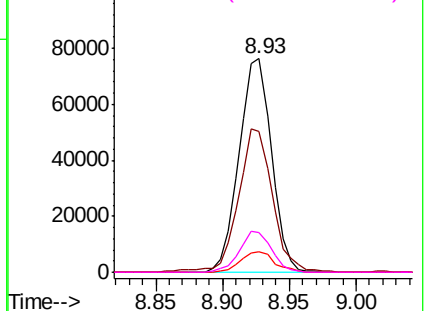
Abundance

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: 34.118 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Tgt Ion: 107 Resp: 186877

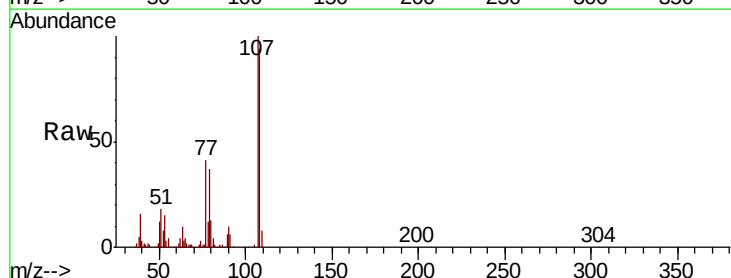
Ion Ratio Lower Upper

107 100

108 94.1 66.8 106.8

77 40.6 20.5 60.5

79 36.5 15.8 55.8



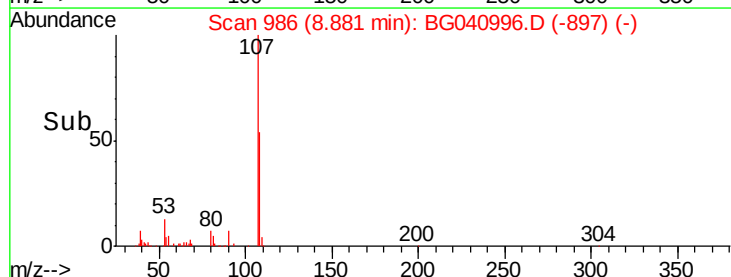
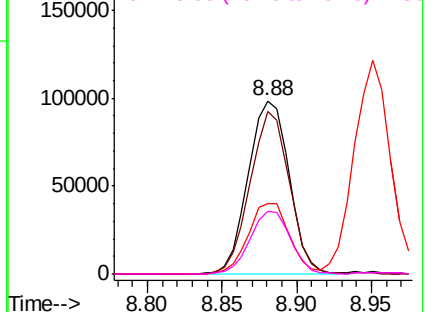
Abundance

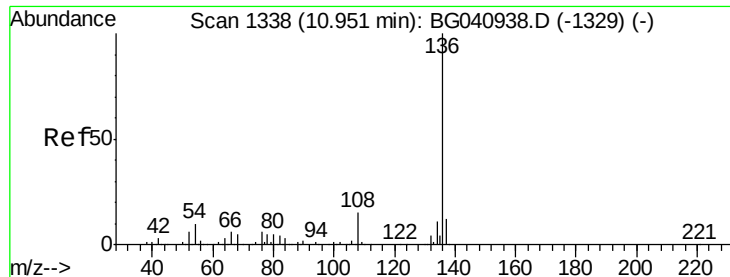
Ion 107.00 (106.70 to 107.70): BGC

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: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

Tot Ion:136 Resp: 240124

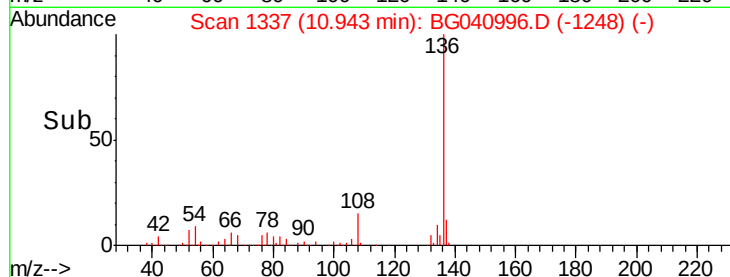
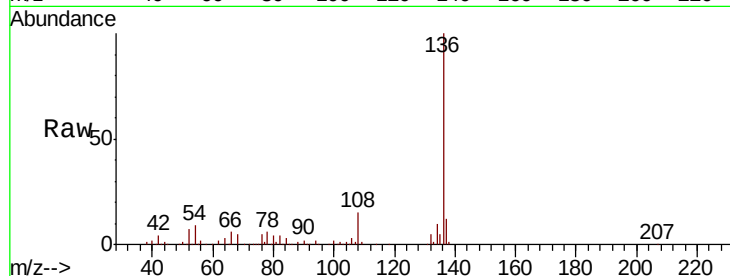
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 8.5 7.6 11.4

68 5.2 3.9 5.9

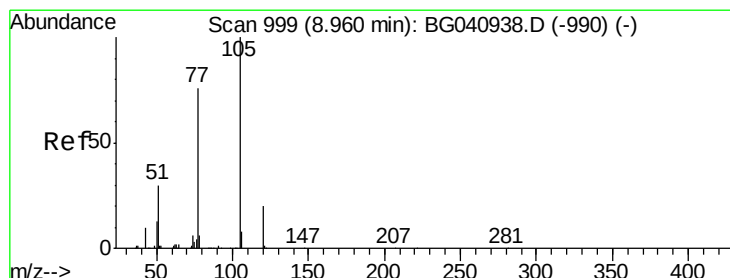
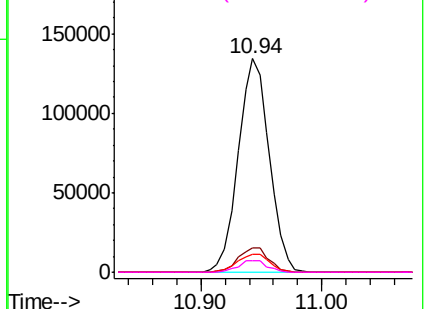


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 35.236 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Tgt Ion:105 Resp: 237349

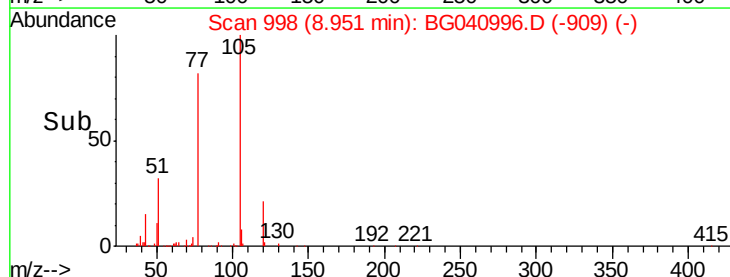
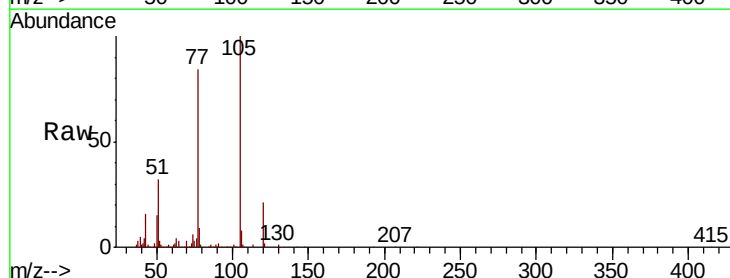
Ion Ratio Lower Upper

105 100

71 0.5 0.4 0.6

51 32.3 27.0 40.6

120 21.5 16.2 24.4

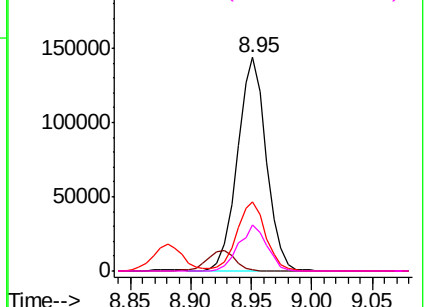


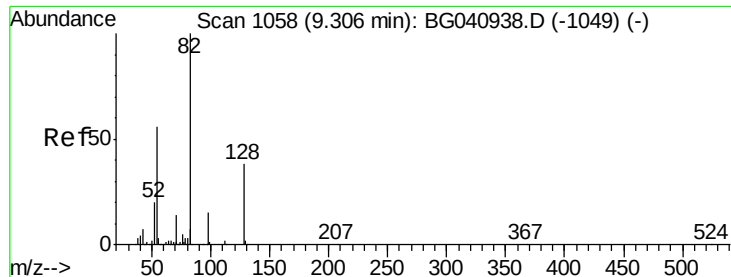
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

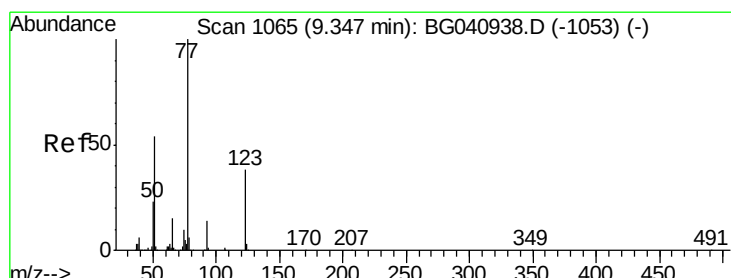
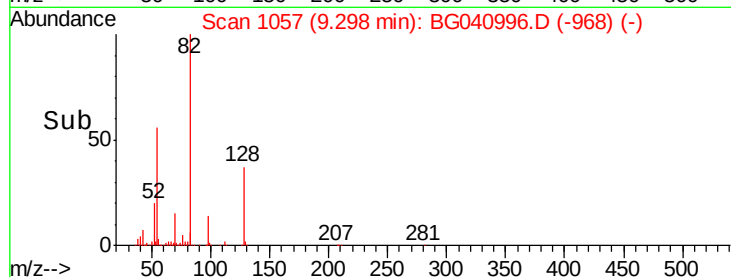
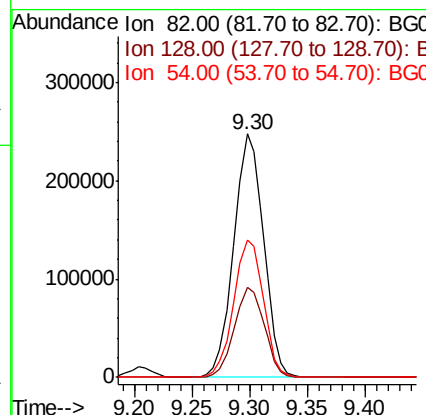
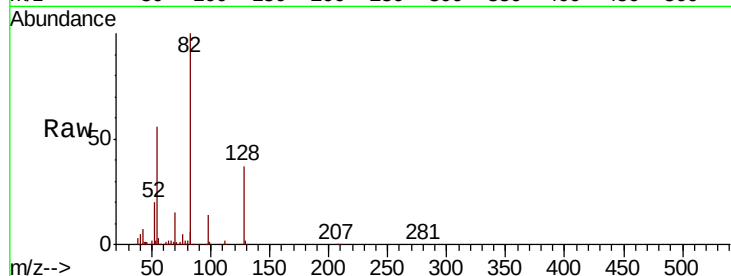




#23
 Nitrobenzene-d5
 Concen: 82.046 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

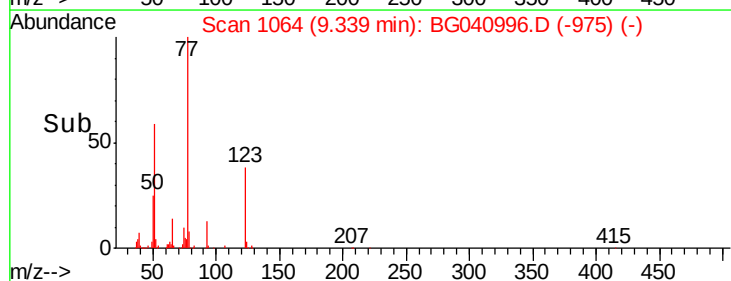
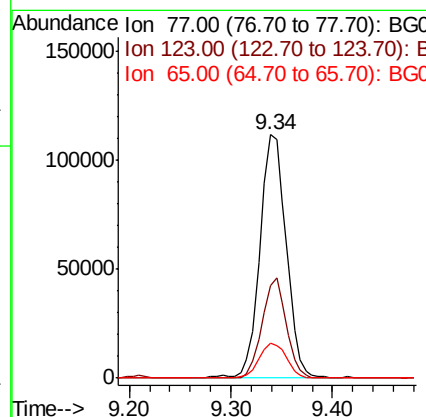
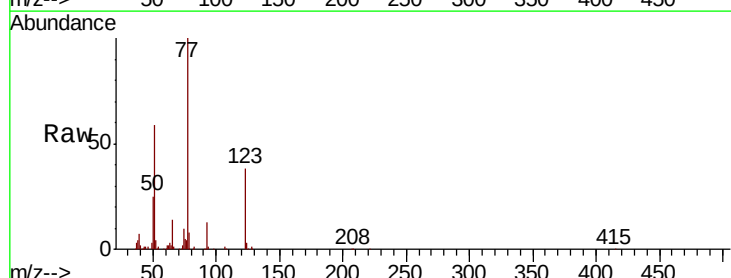
Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

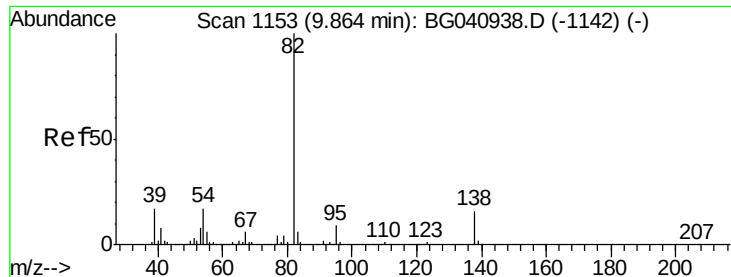
Tot Ion: 82 Resp: 443787
 Ion Ratio Lower Upper
 82 100
 128 36.9 30.5 45.7
 54 56.2 44.6 66.8



#24
 Nitrobenzene
 Concen: 36.518 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Tgt Ion: 77 Resp: 201296
 Ion Ratio Lower Upper
 77 100
 123 38.2 30.6 46.0
 65 14.4 12.3 18.5

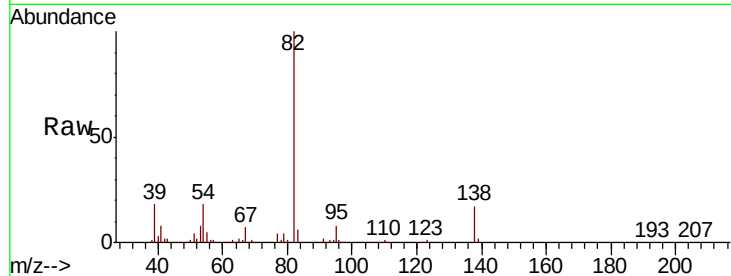




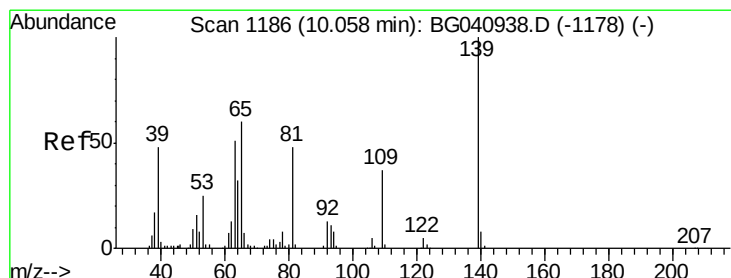
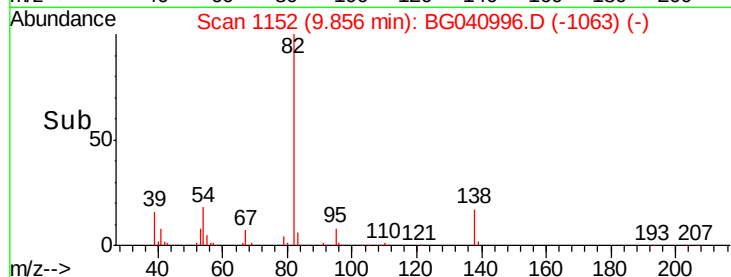
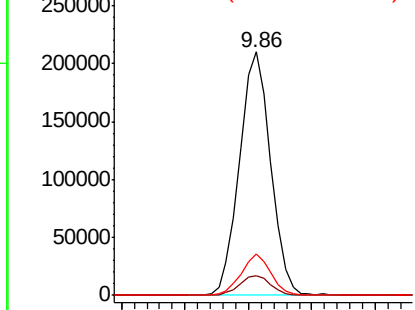
#25
Isophorone
Concen: 34.764 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Instrument :
BNA_G
ClientSampleId :
PB120099BS

Tot Ion: 82 Resp: 357852
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.4
138 16.8 12.6 19.0

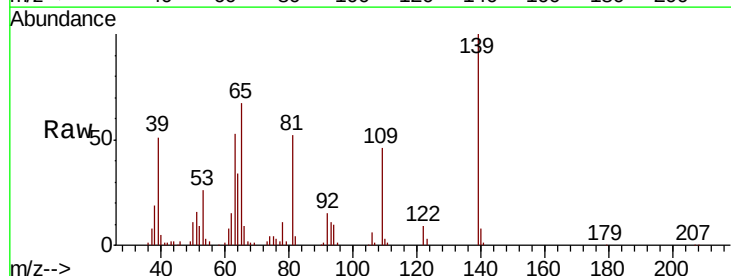


Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)
Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)
Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)

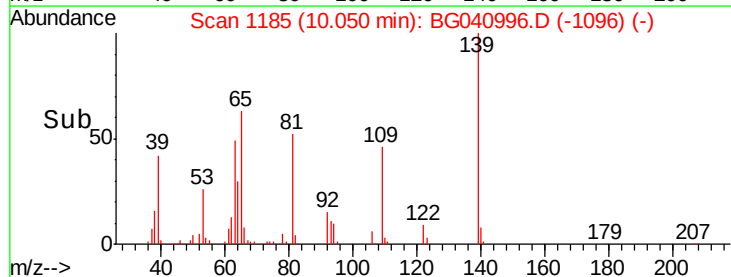
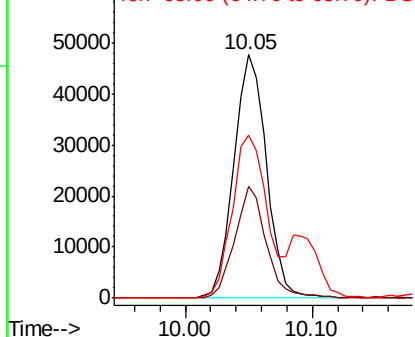


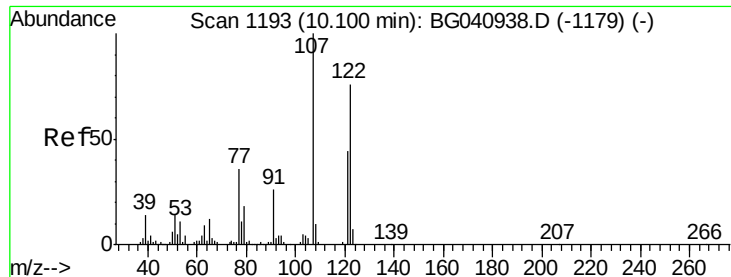
#26
2-Nitrophenol
Concen: 37.266 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion: 139 Resp: 84684
Ion Ratio Lower Upper
139 100
109 46.1 29.8 44.6#
65 66.8 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)
Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)
Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

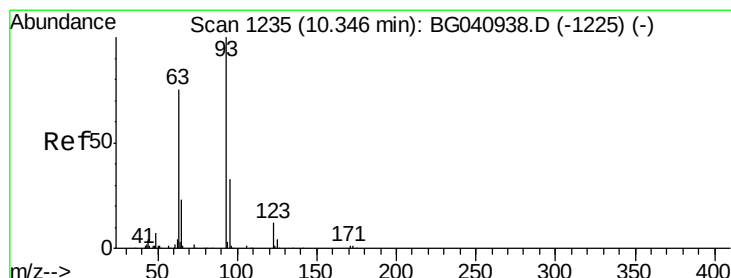
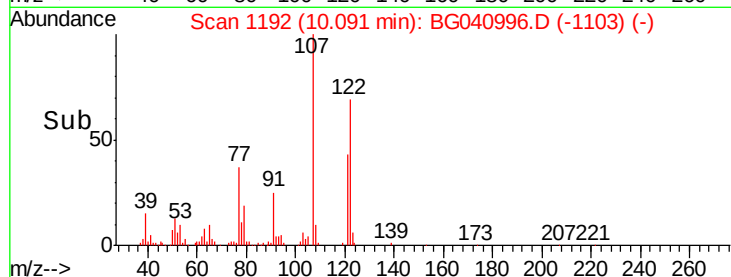
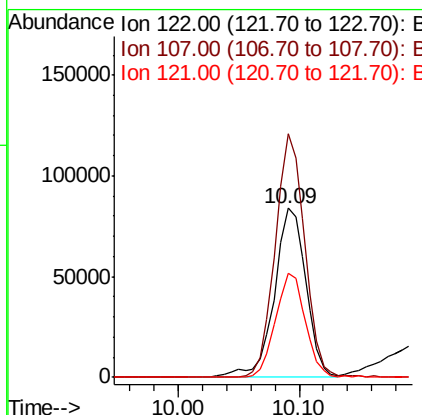
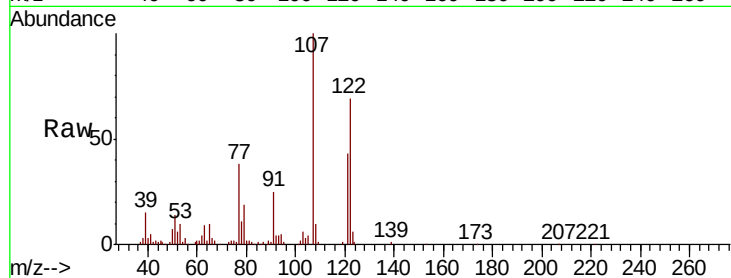




#27
 2,4-Dimethylphenol
 Concen: 40.482 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

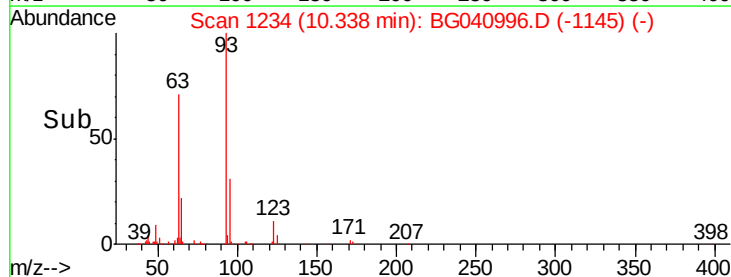
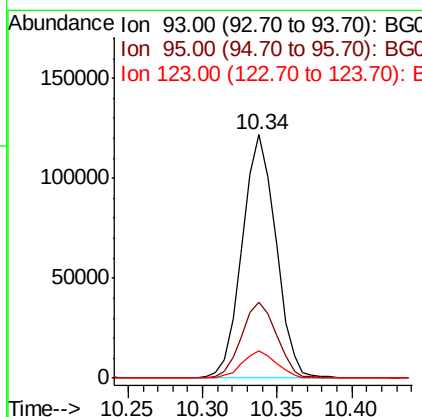
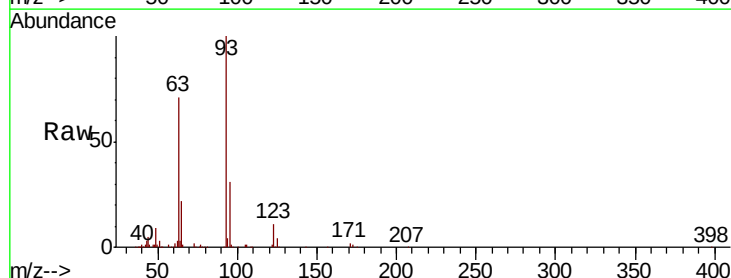
Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

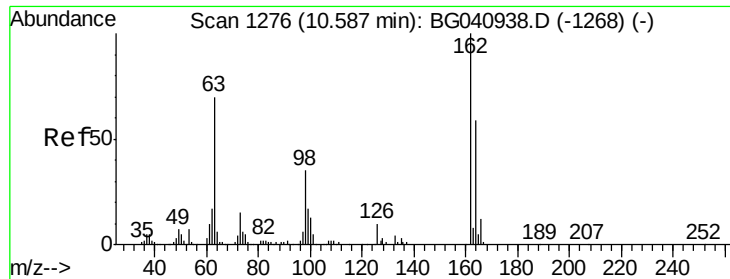
Tot Ion:122 Resp: 151932
 Ion Ratio Lower Upper
 122 100
 107 144.1 105.9 158.9
 121 61.9 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.274 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Tgt Ion: 93 Resp: 190418
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.2 39.2
 123 11.3 9.5 14.3

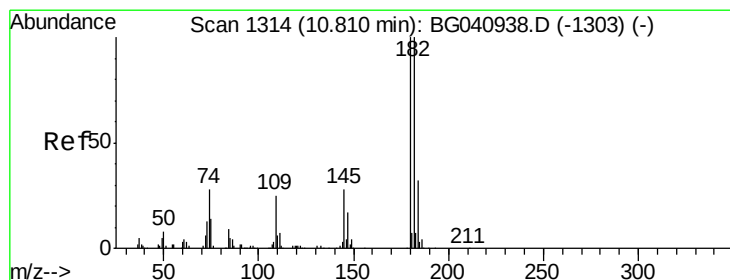
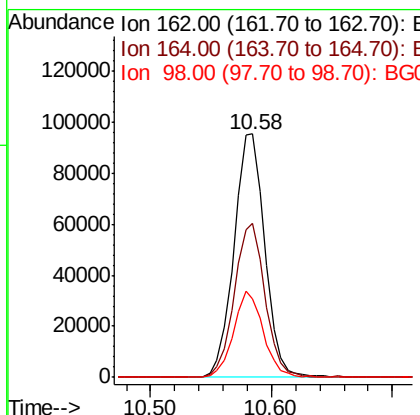
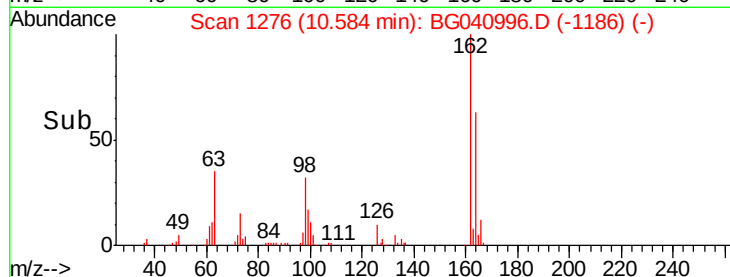
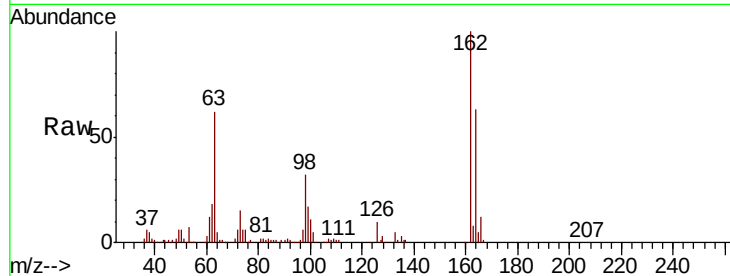




#29
2,4-Dichlorophenol
Concen: 35.814 ng
RT: 10.58 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

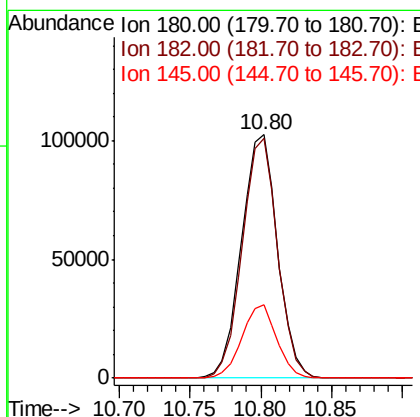
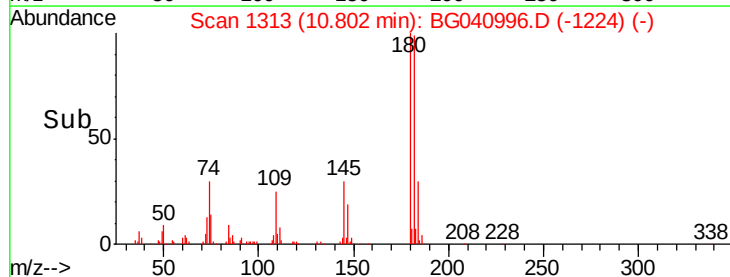
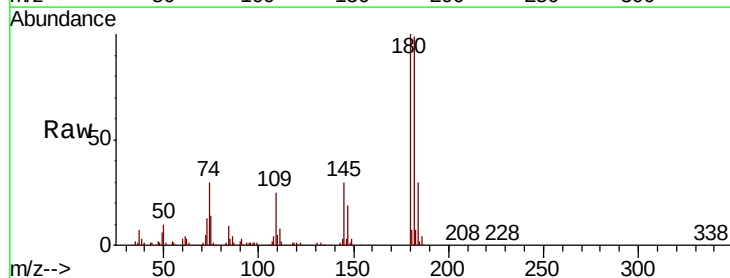
Instrument :
BNA_G
ClientSampleId :
PB120099BS

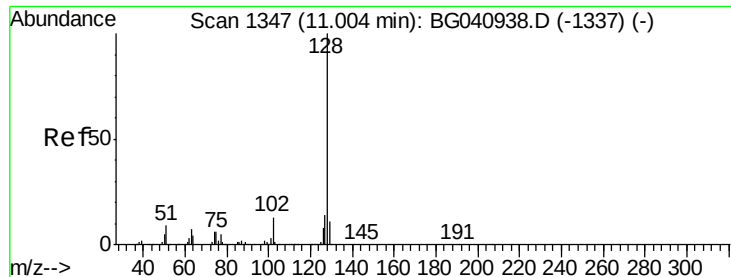
Tot Ion:162 Resp: 170685
Ion Ratio Lower Upper
162 100
164 63.4 39.4 79.4
98 32.1 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 33.826 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:180 Resp: 183390
Ion Ratio Lower Upper
180 100
182 98.7 79.7 119.5
145 30.1 22.6 34.0

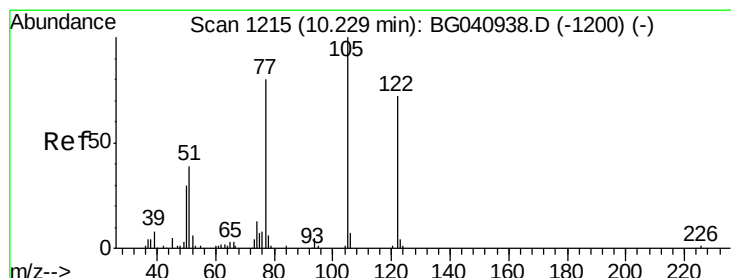
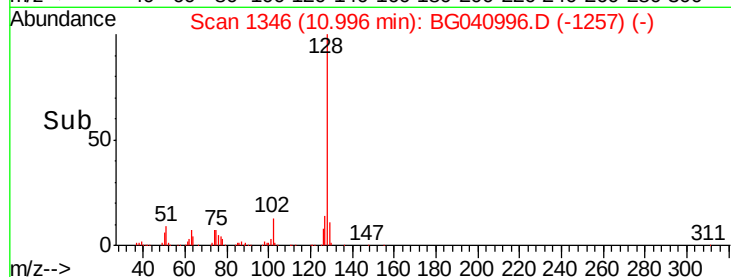
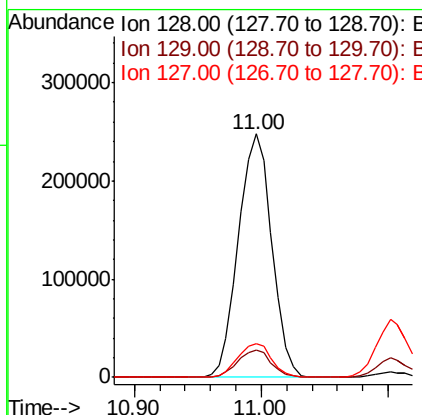
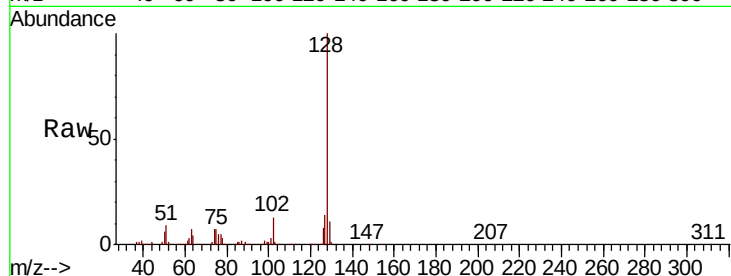




#31
Naphthalene
Concen: 35.080 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

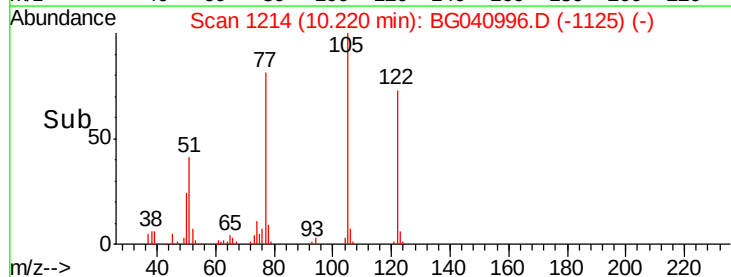
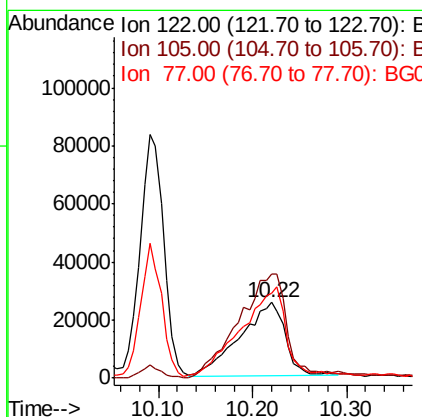
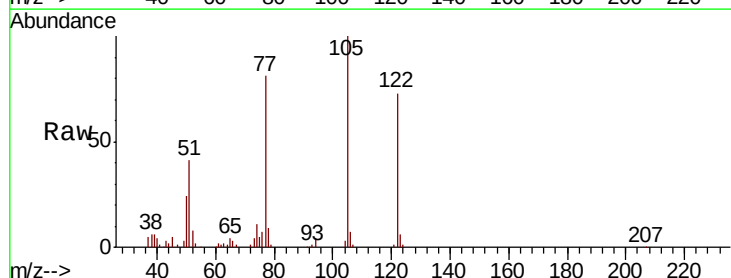
Instrument :
BNA_G
ClientSampleId :
PB120099BS

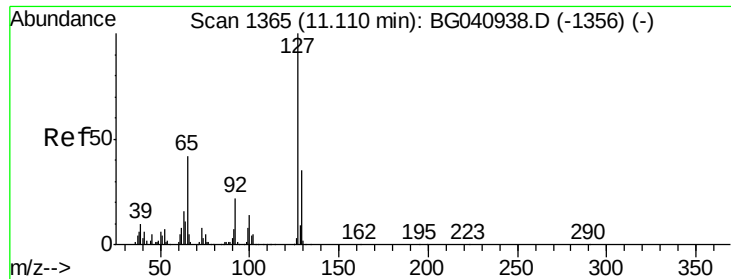
Tot Ion:128 Resp: 452263
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.9 11.4 17.2



#32
Benzoic acid
Concen: 32.113 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:122 Resp: 84258
Ion Ratio Lower Upper
122 100
105 137.8 114.8 154.8
77 112.3 89.9 129.9

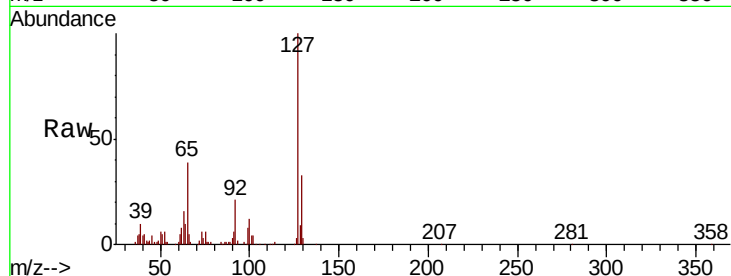




#33
4-Chloroaniline
Concen: 17.960 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Instrument :
BNA_G
ClientSampleId :
PB120099BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.7	41.5
65	38.6	33.2	49.8
92	20.9	17.2	25.8



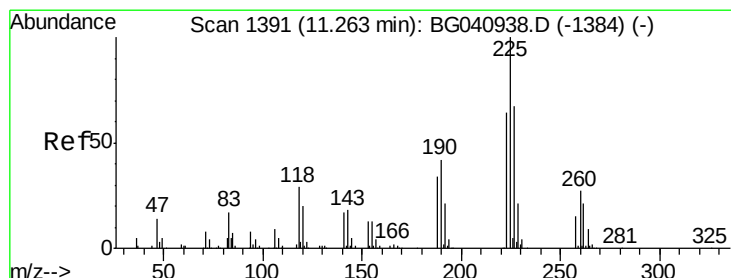
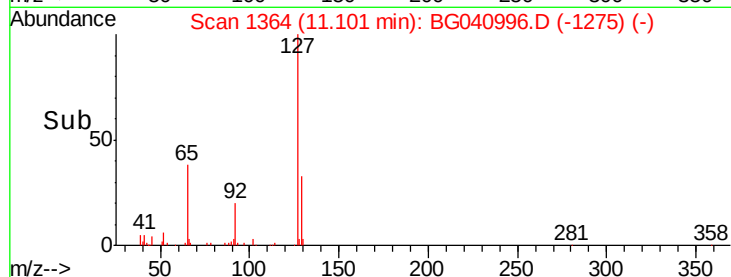
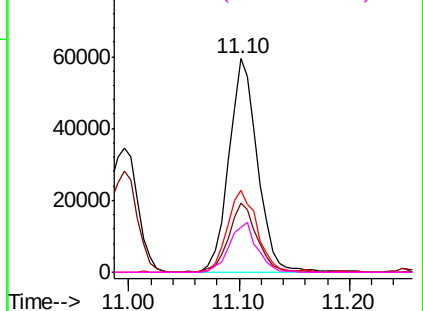
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

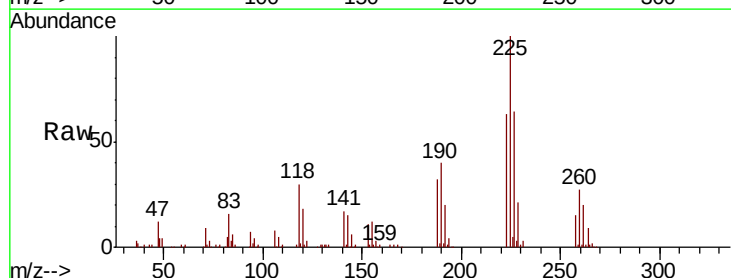
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.017 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	63.8	51.4	77.0

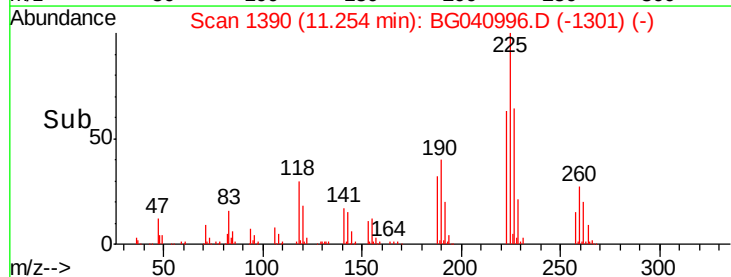
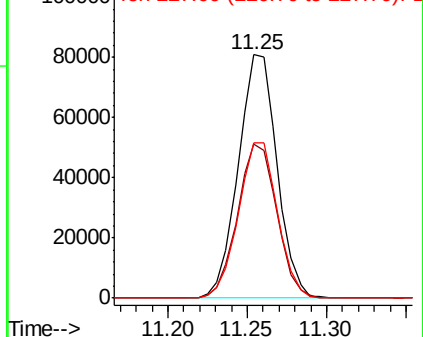


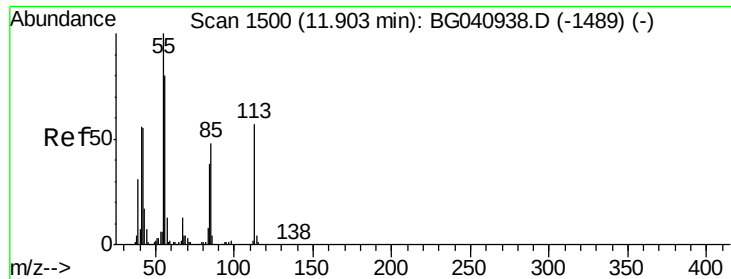
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

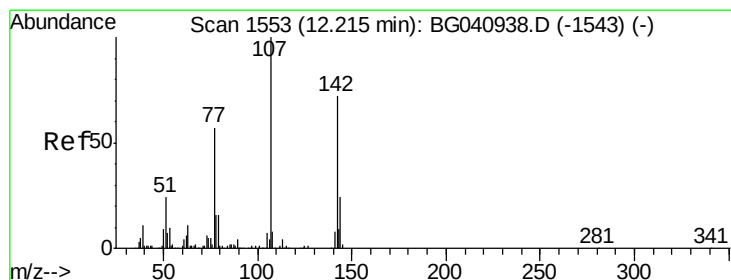
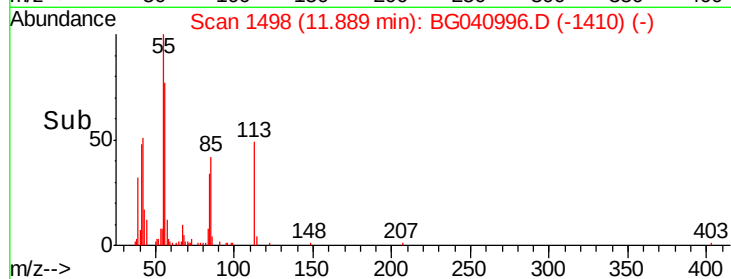
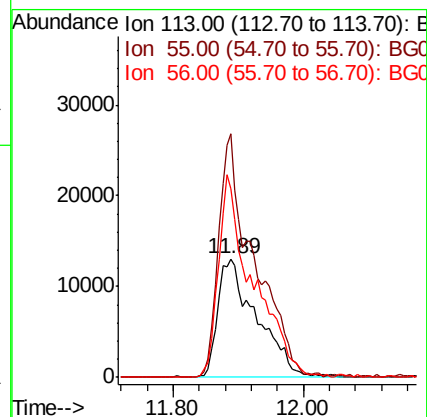
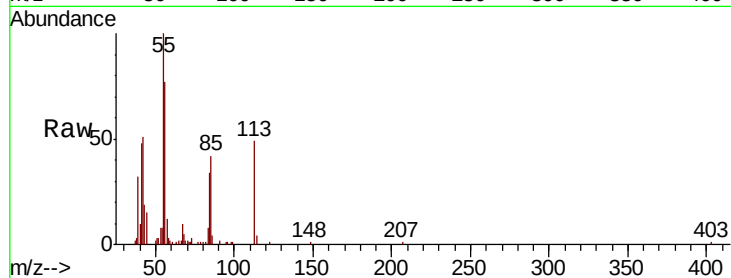




#35
 Caprolactam
 Concen: 34.354 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

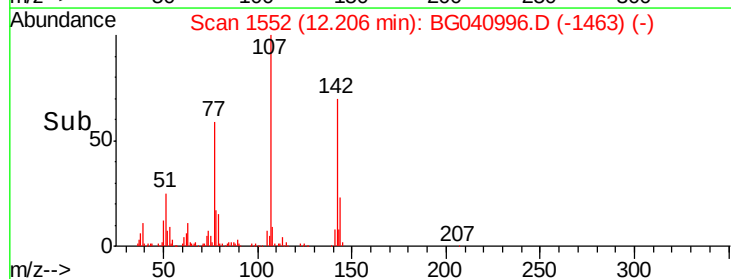
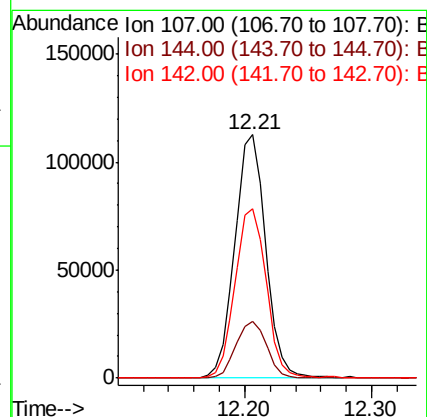
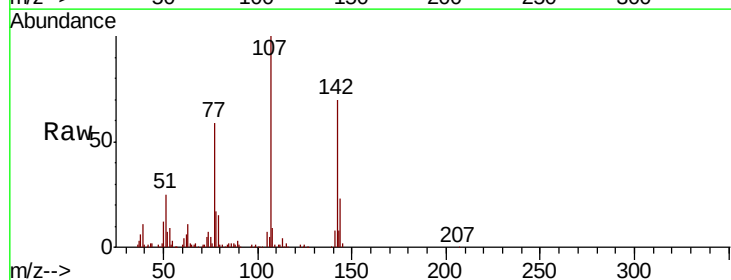
Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

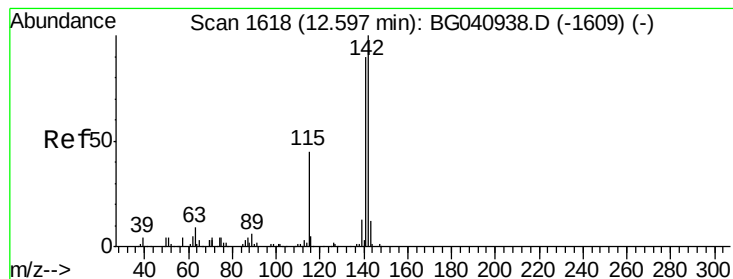
Tot Ion:113 Resp: 54067
 Ion Ratio Lower Upper
 113 100
 55 205.1 155.9 195.9#
 56 158.7 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 34.860 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Tgt Ion:107 Resp: 189742
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.4 29.0
 142 69.7 57.3 85.9





#37

2-Methylnaphthalene

Concen: 34.473 ng

RT: 12.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

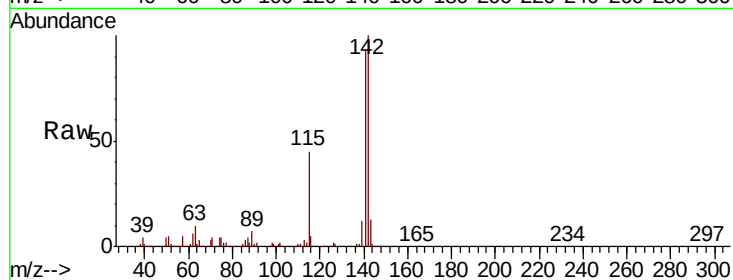
Tot Ion:142 Resp: 342302

Ion Ratio Lower Upper

142 100

141 93.4 72.2 108.4

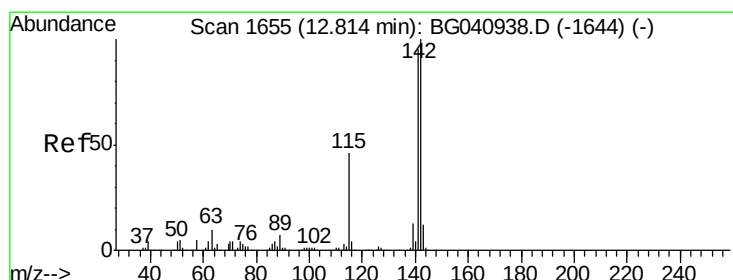
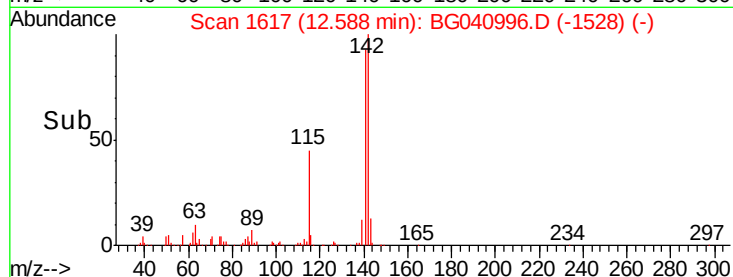
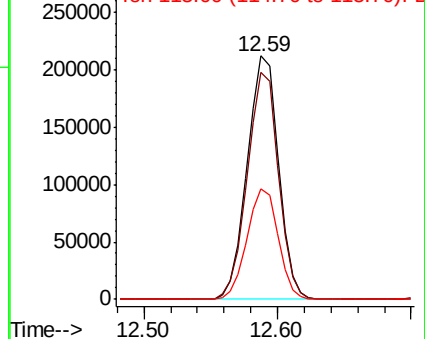
115 45.2 36.2 54.4



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: 34.959 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

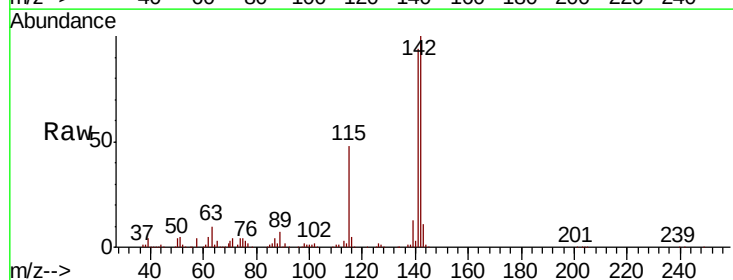
Tgt Ion:142 Resp: 327111

Ion Ratio Lower Upper

142 100

141 93.7 75.7 113.5

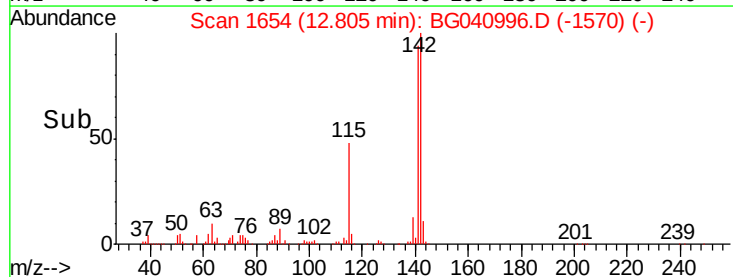
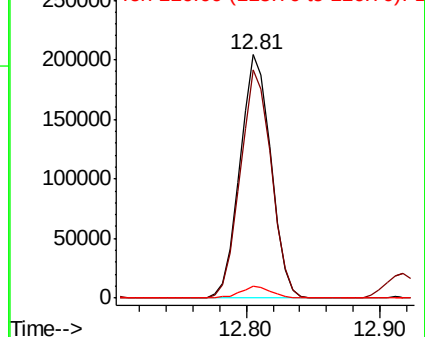
116 4.7 3.4 5.2

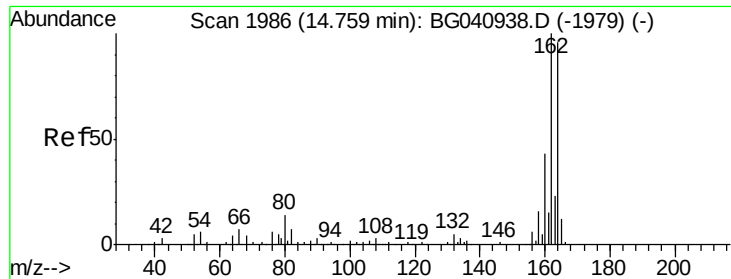


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

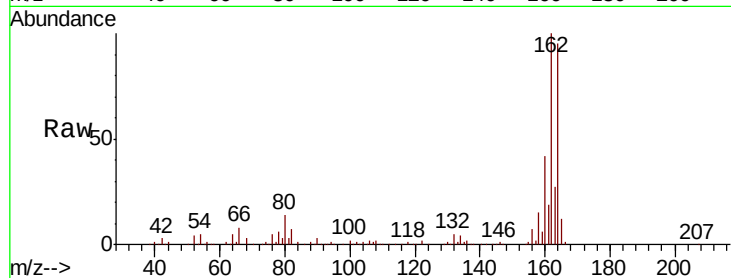
Tot Ion:164 Resp: 172951

Ion Ratio Lower Upper

164 100

162 105.6 83.0 124.4

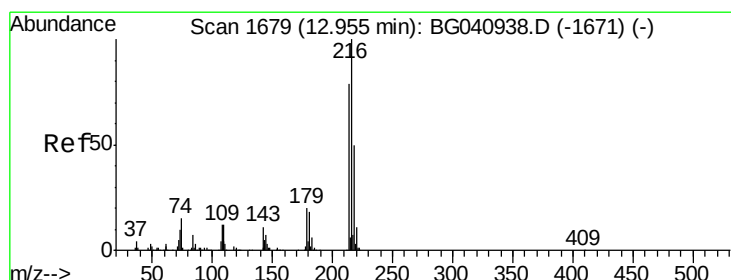
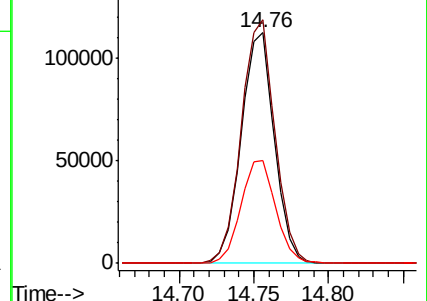
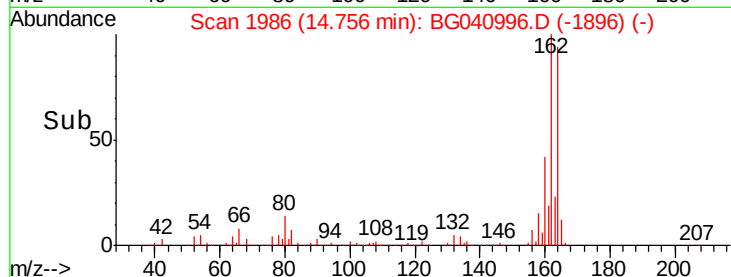
160 44.6 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.072 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Tgt Ion:216 Resp: 251456

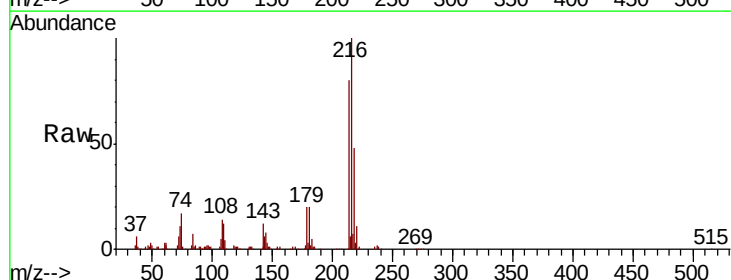
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.2

179 18.7 15.2 22.8

108 17.5 11.4 17.2#

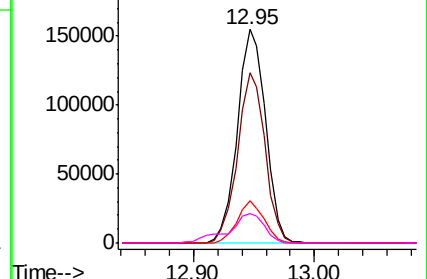
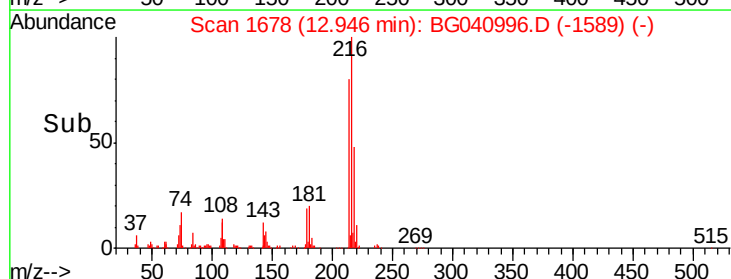


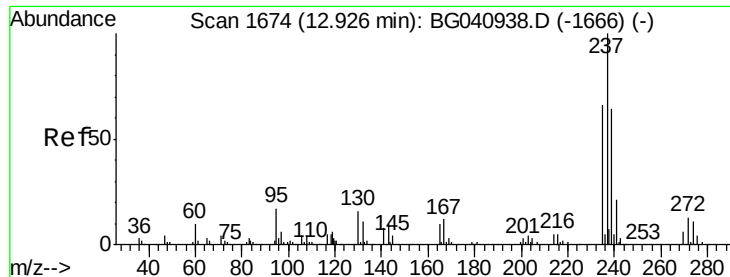
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.860 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

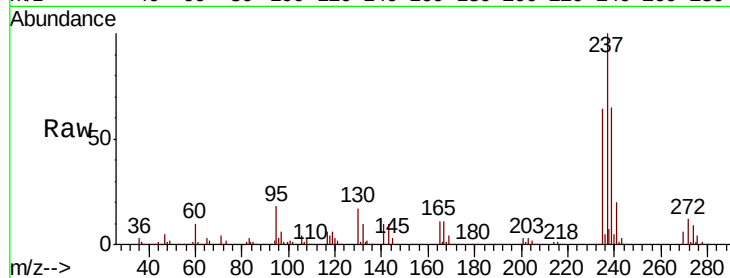
Tot Ion:237 Resp: 332606

Ion	Ratio	Lower	Upper
237	100		
235	64.5	45.5	85.5
272	12.2	0.0	32.9

237 100

235 64.5 45.5 85.5

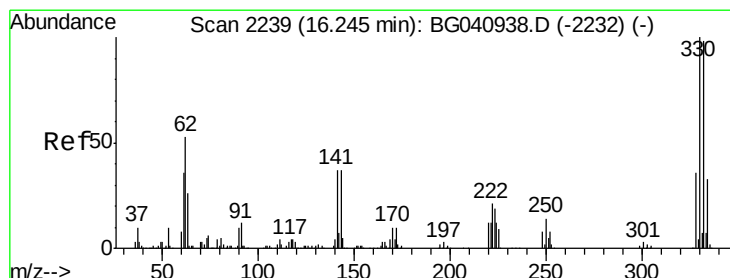
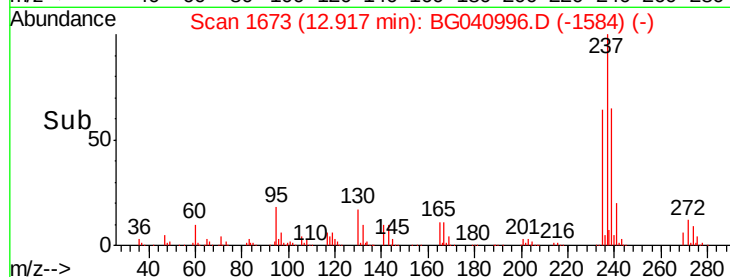
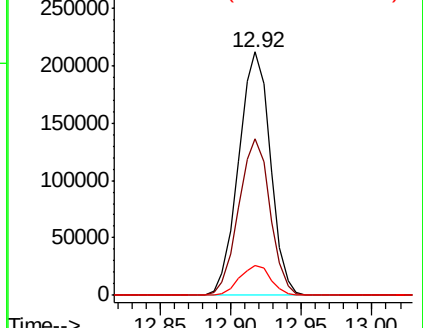
272 12.2 0.0 32.9



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: 117.617 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

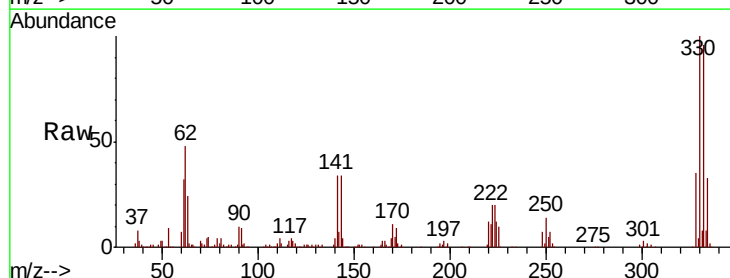
Tgt Ion:330 Resp: 301992

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	36.4	28.7	43.1

330 100

332 96.1 78.5 117.7

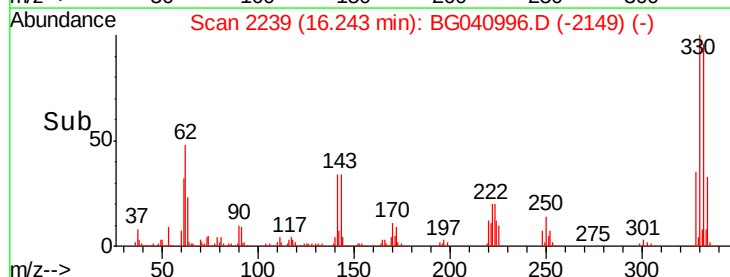
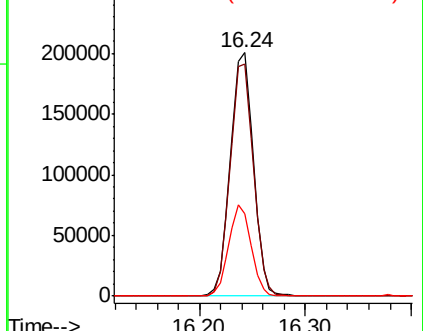
141 36.4 28.7 43.1

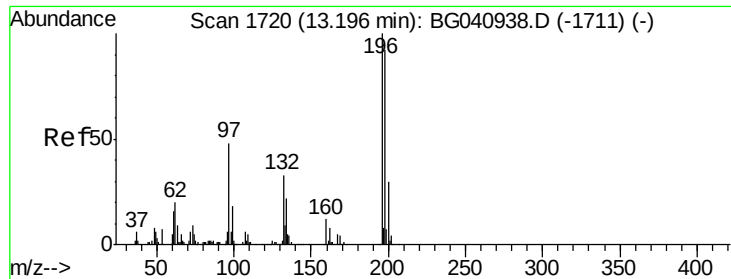


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

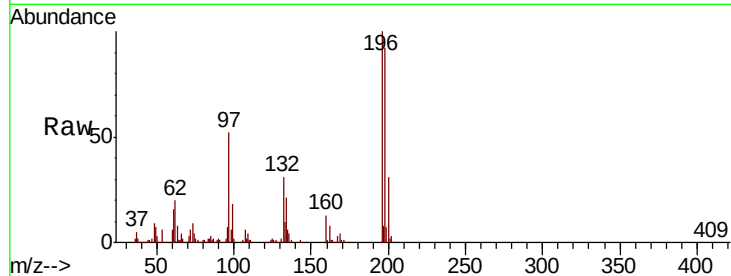




#43
 2,4,6-Trichlorophenol
 Concen: 35.413 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	73.8	110.6
200	31.3	24.1	36.1

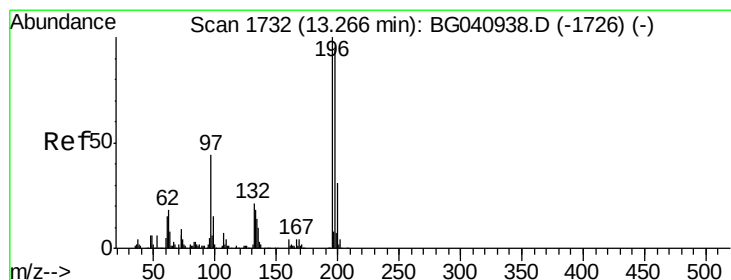
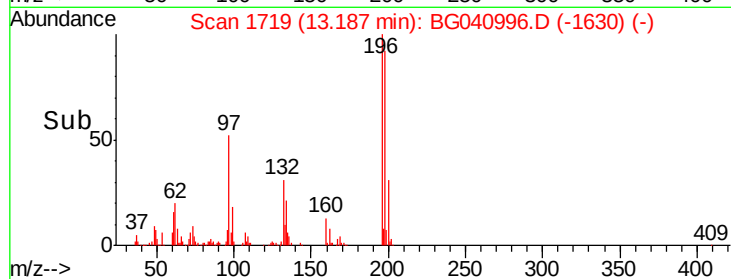
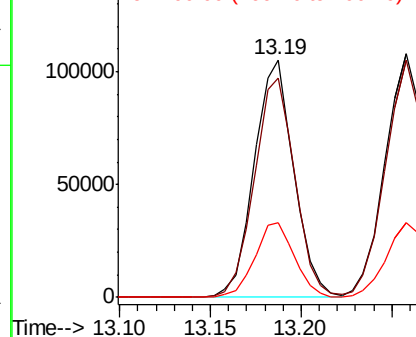


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.426 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.1	112.7
97	45.8	35.6	53.4
132	21.8	16.7	25.1

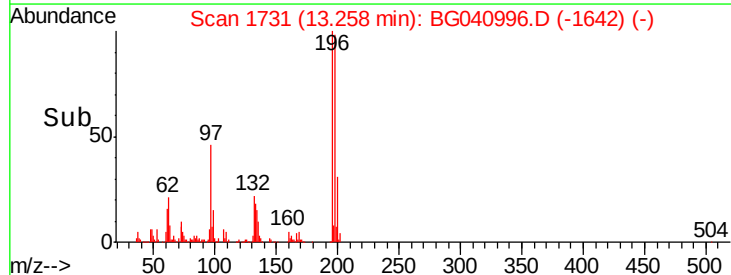
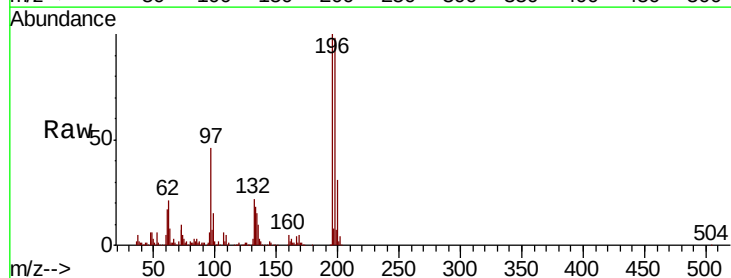
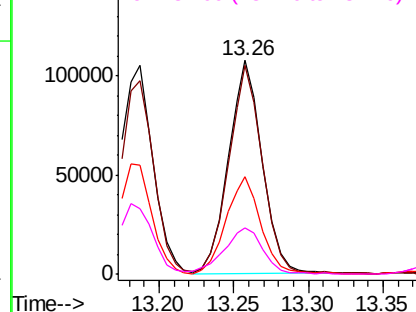
Abundance

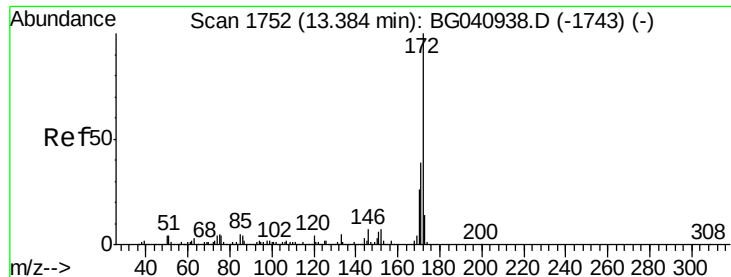
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

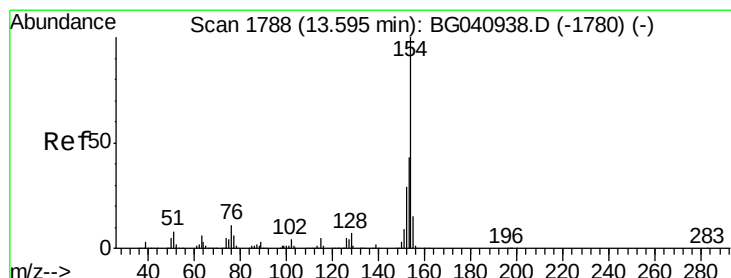
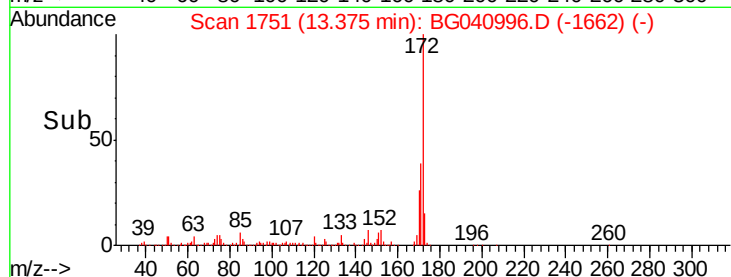
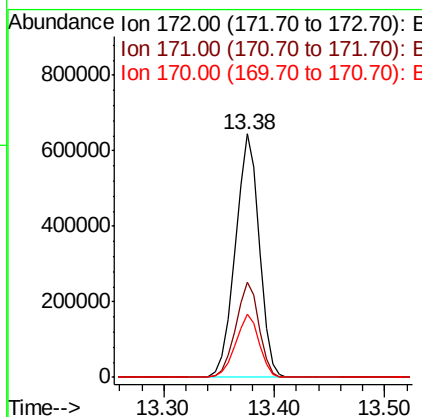
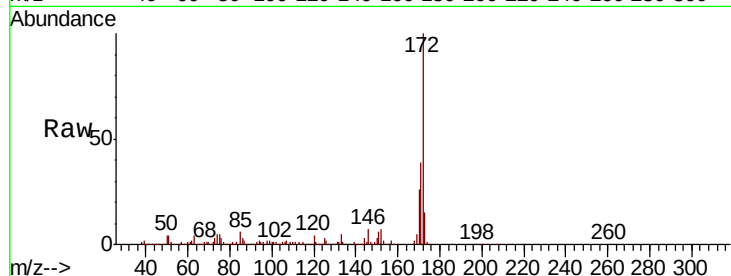




#45
2-Fluorobiphenyl
Concen: 81.248 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

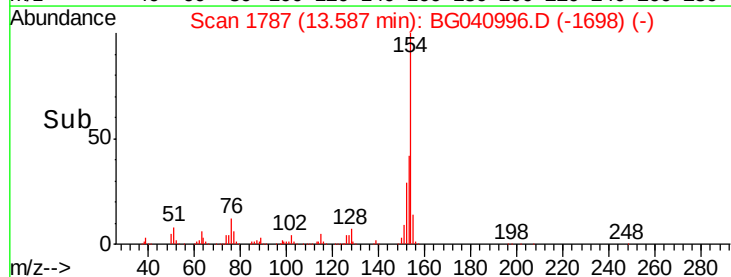
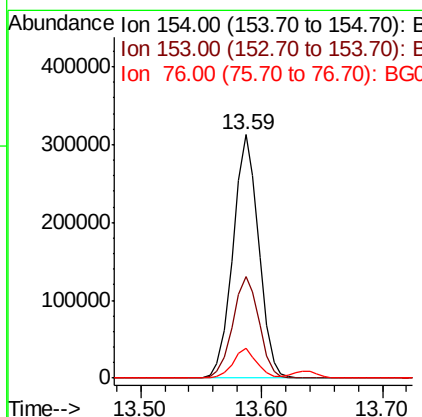
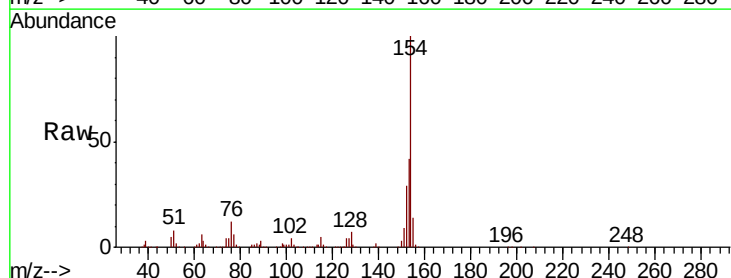
Instrument :
BNA_G
ClientSampleId :
PB120099BS

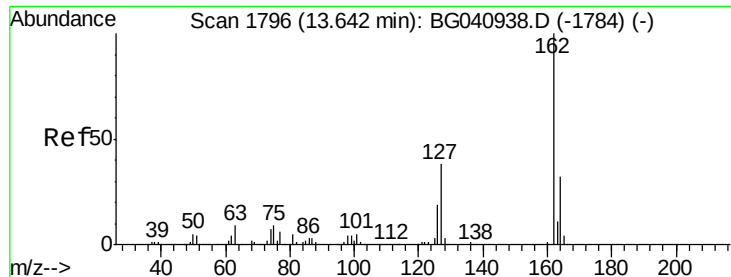
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.1	46.7
170	25.7	20.5	30.7



#46
1,1'-Biphenyl
Concen: 36.239 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	23.3	63.3
76	12.0	0.0	31.1

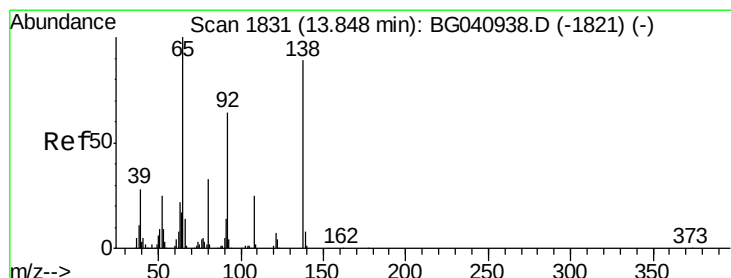
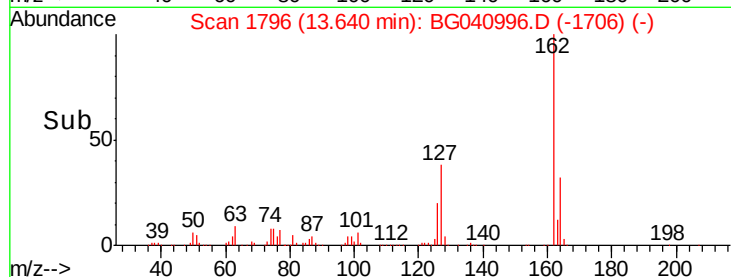
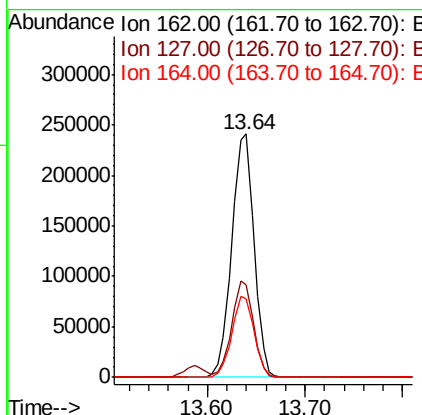
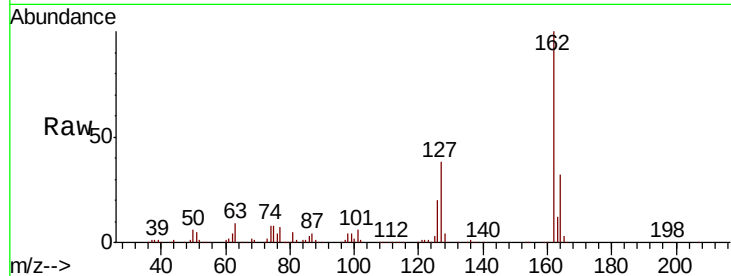




#47
2-Chloronaphthalene
Concen: 34.738 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

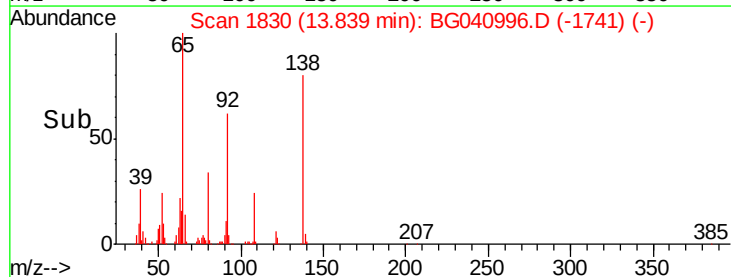
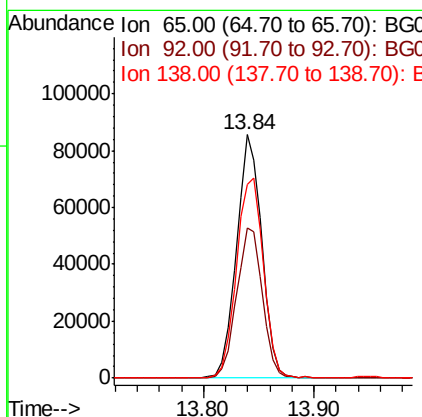
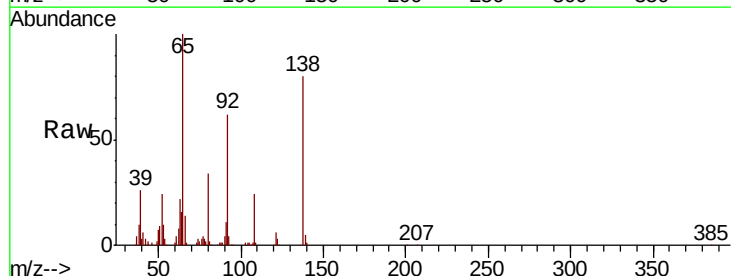
Instrument :
BNA_G
ClientSampleId :
PB120099BS

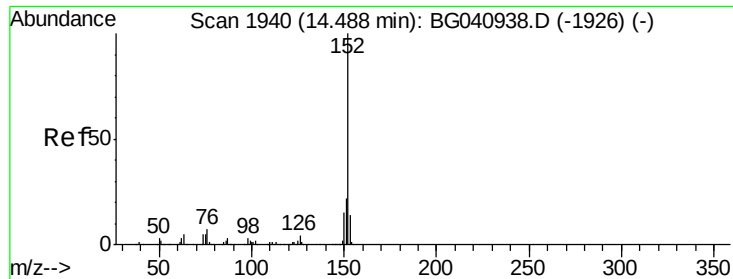
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	32.4	25.8	38.6



#48
2-Nitroaniline
Concen: 34.855 ng
RT: 13.84 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	51.0	76.6
138	79.7	71.2	106.8





#49

Acenaphthylene

Concen: 36.272 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

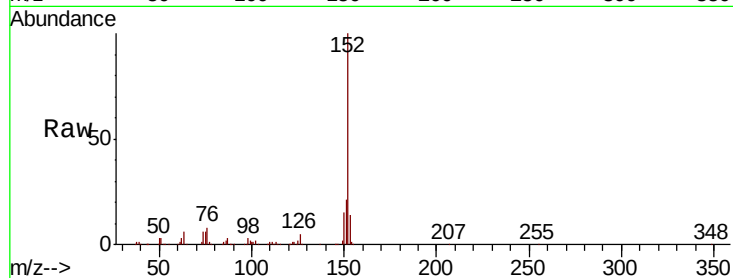
Tot Ion:152 Resp: 599978

Ion Ratio Lower Upper

152 100

151 21.2 17.4 26.0

153 13.6 11.0 16.4

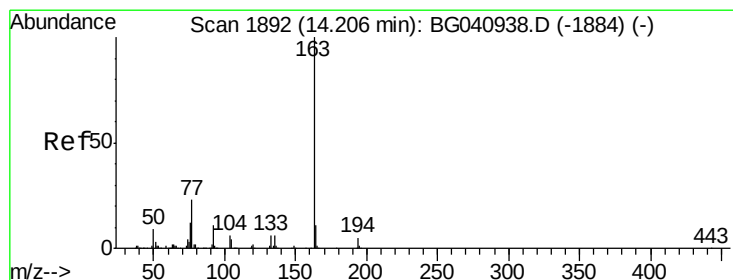
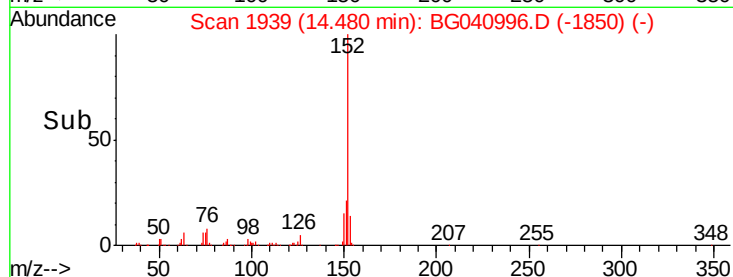
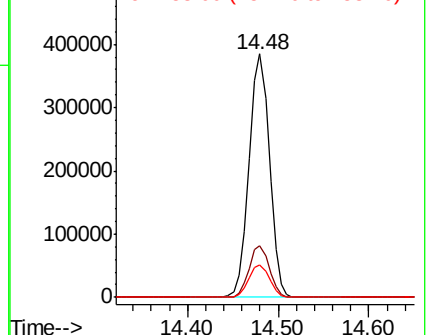


Abundance

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: 35.340 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

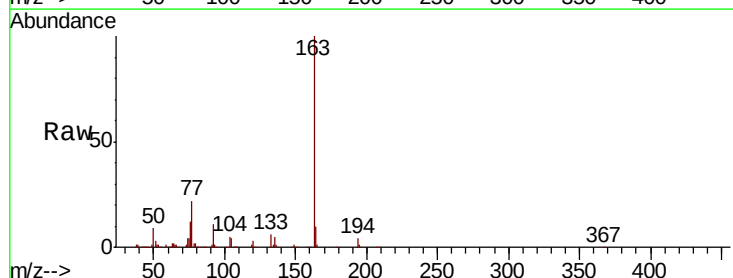
Tgt Ion:163 Resp: 517389

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.8

164 9.6 8.7 13.1

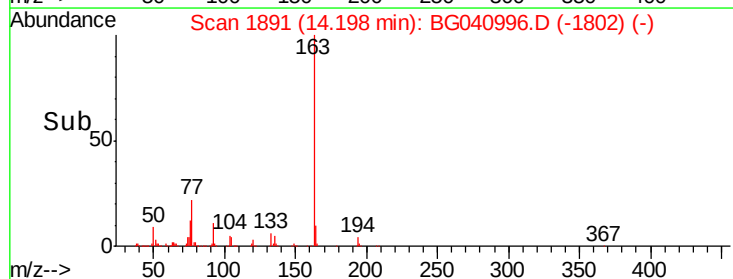
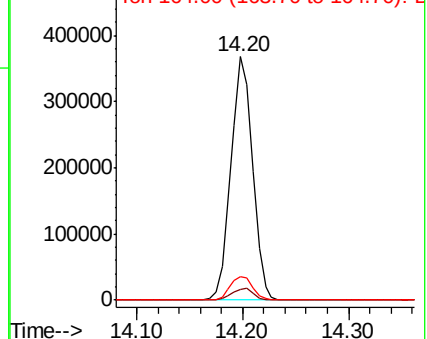


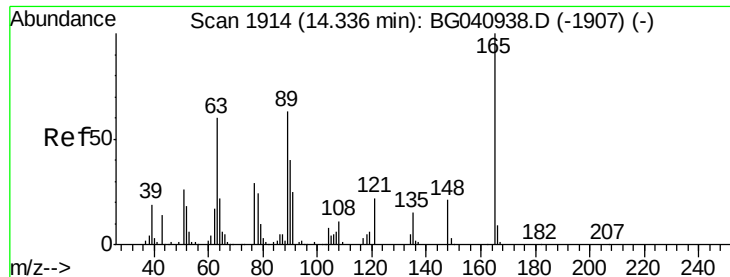
Abundance

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: 34.921 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

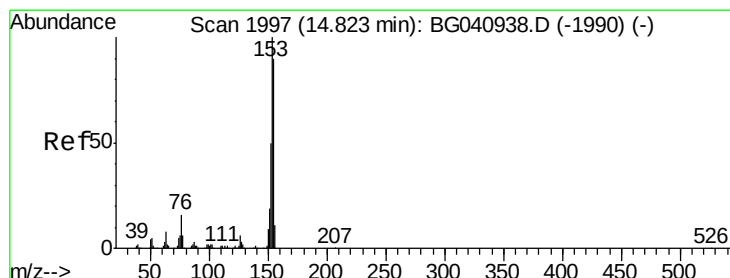
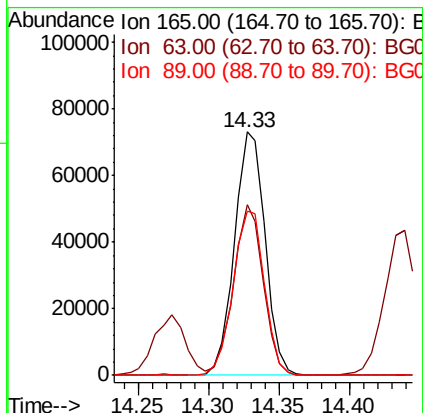
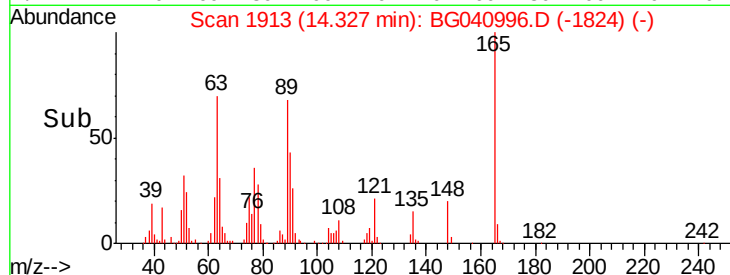
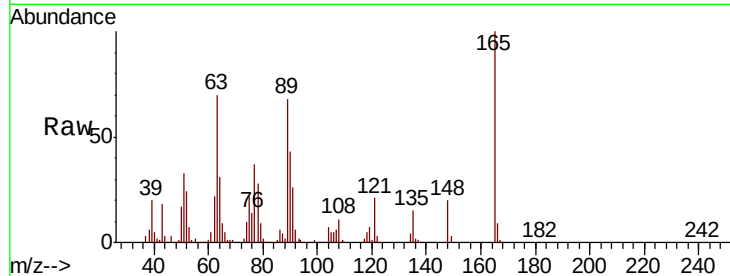
Tot Ion:165 Resp: 110230

Ion Ratio Lower Upper

165 100

63 70.1 53.6 80.4

89 67.6 50.4 75.6



#52

Acenaphthene

Concen: 34.830 ng

RT: 14.81 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

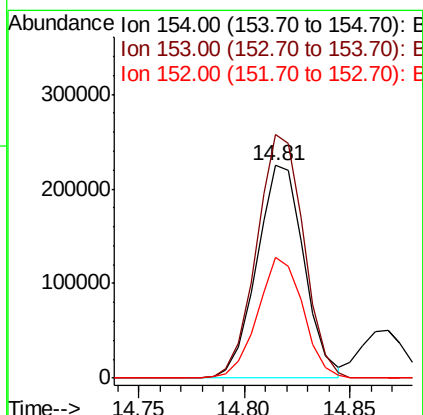
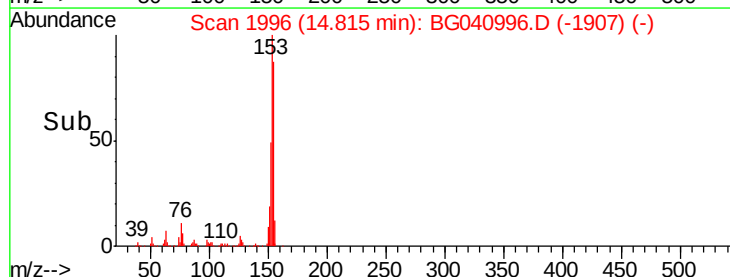
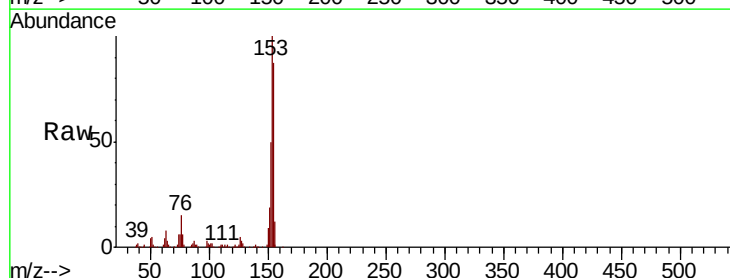
Tgt Ion:154 Resp: 349018

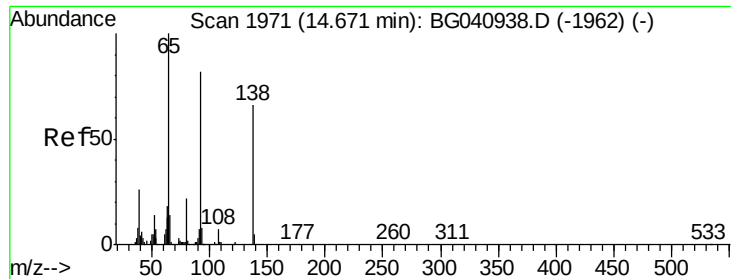
Ion Ratio Lower Upper

154 100

153 114.6 88.6 133.0

152 56.8 44.2 66.4

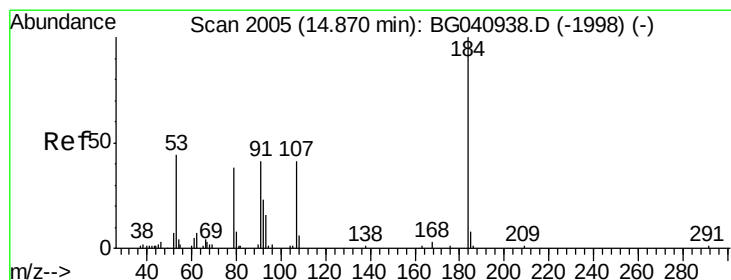
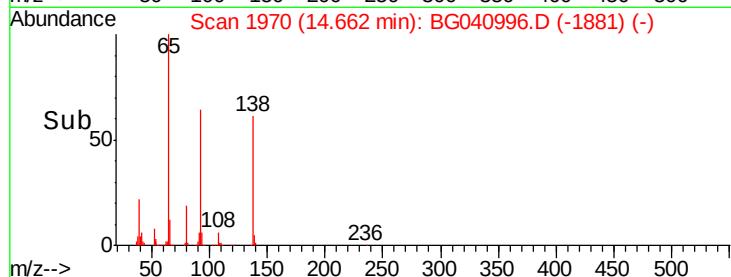
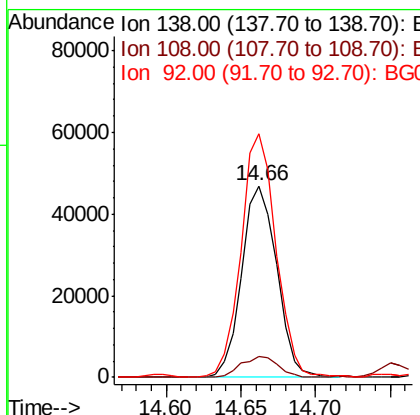
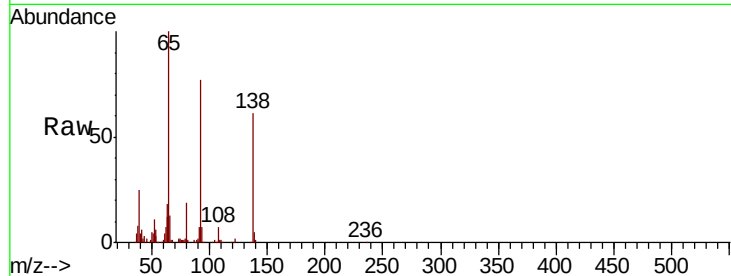




#53
3-Nitroaniline
Concen: 24.124 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

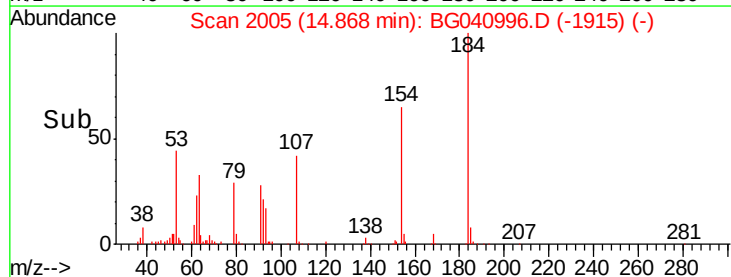
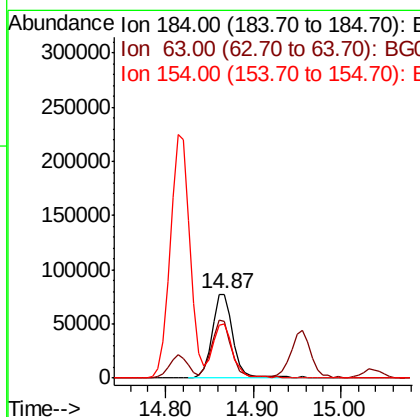
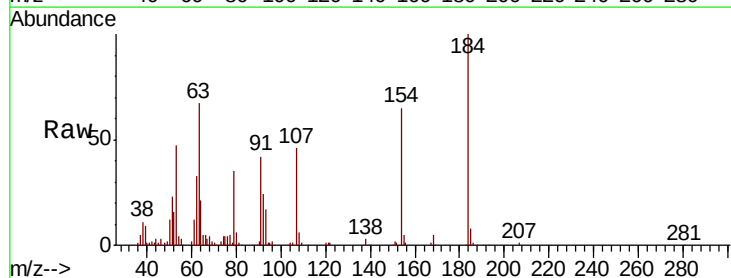
Instrument :
BNA_G
ClientSampleId :
PB120099BS

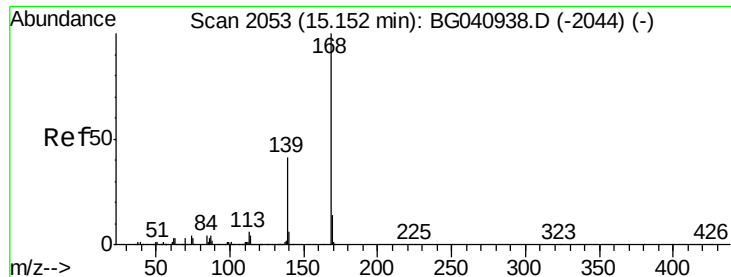
Tot Ion:138 Resp: 76147
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 127.1 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 79.256 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:184 Resp: 129820
Ion Ratio Lower Upper
184 100
63 67.0 49.8 74.6
154 64.5 52.2 78.4





#55

Dibenzofuran

Concen: 35.828 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

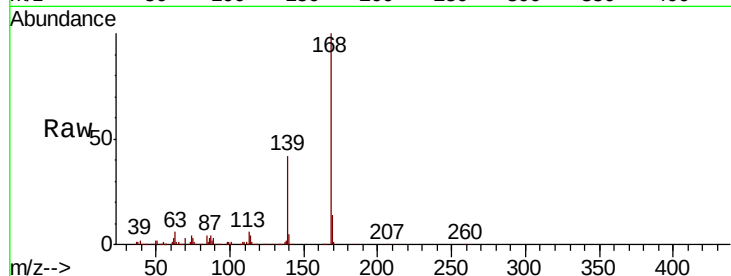
Tot Ion:168 Resp: 604105

Ion Ratio Lower Upper

168 100

139 41.8 32.8 49.2

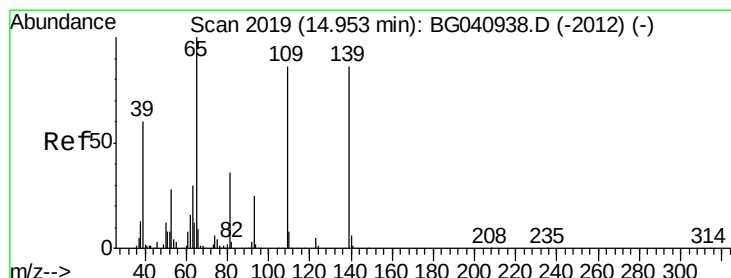
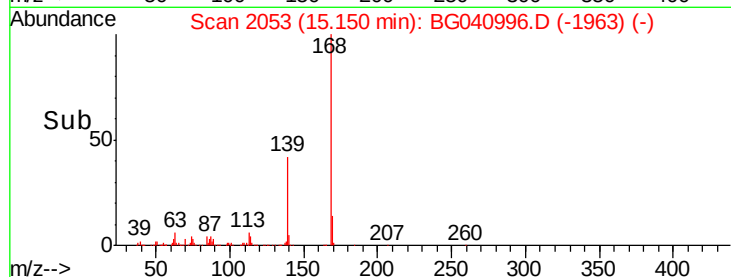
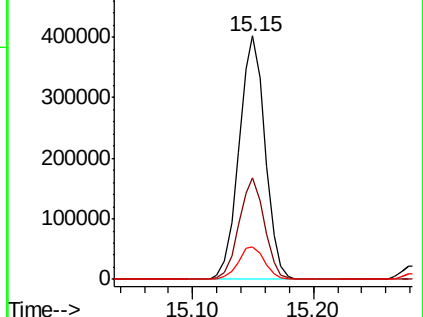
169 13.5 11.3 16.9



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: 80.369 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

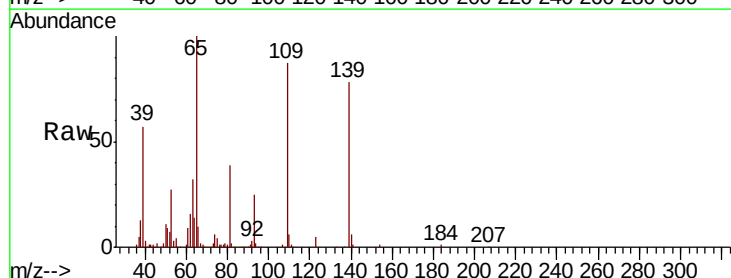
Tgt Ion:139 Resp: 174003

Ion Ratio Lower Upper

139 100

109 111.6 79.6 119.6

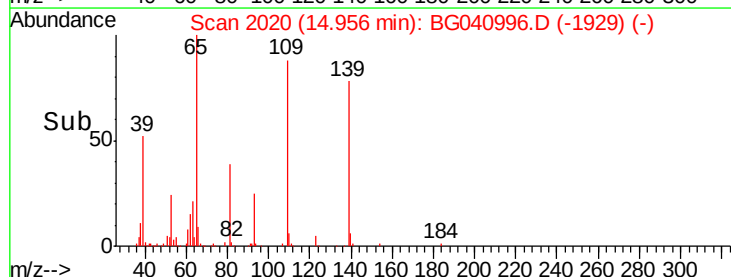
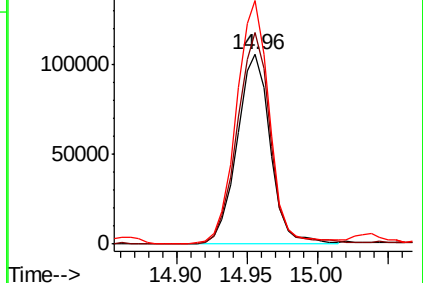
65 128.5 96.9 136.9

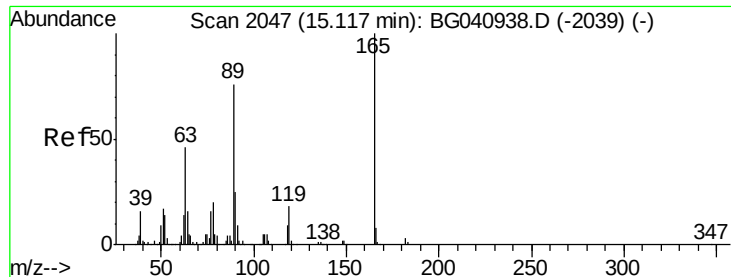


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 36.764 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

Tot Ion:165 Resp: 163926

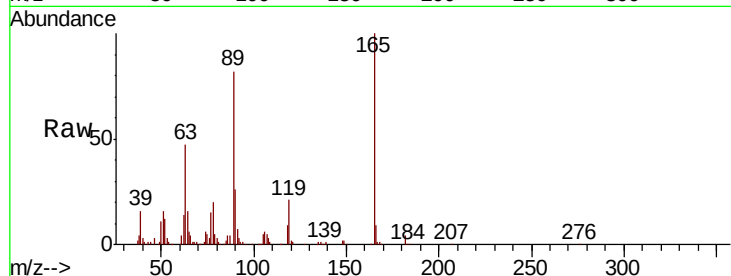
Ion Ratio Lower Upper

165 100

63 46.9 37.3 55.9

89 81.7 61.0 91.6

182 3.7 2.2 3.2#

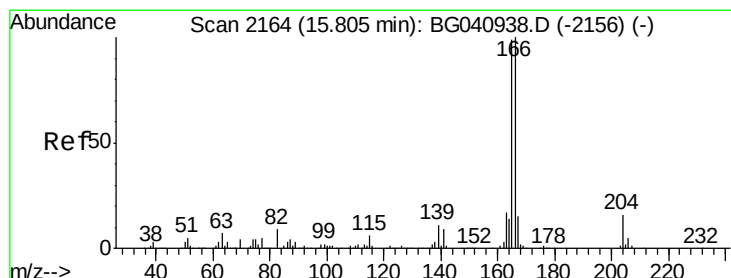
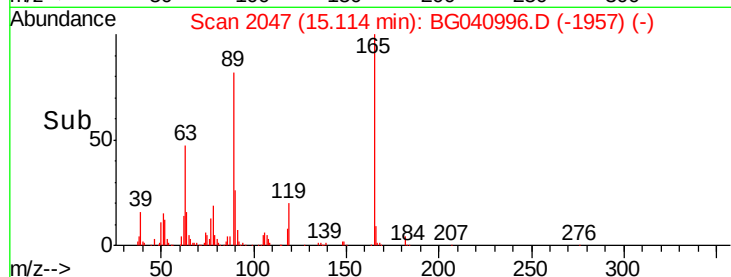
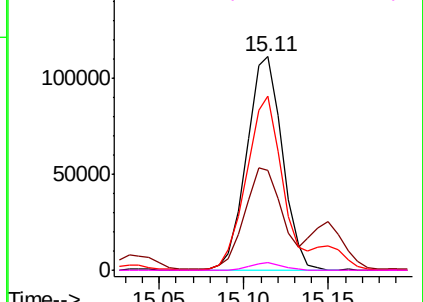


Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.682 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

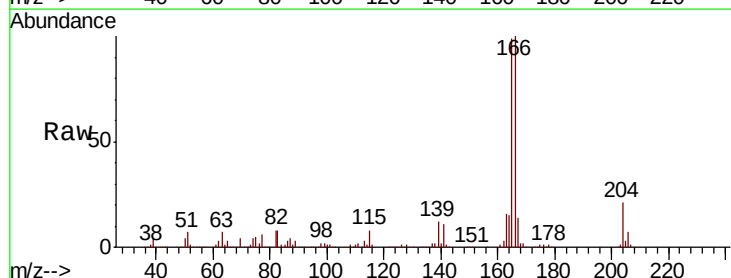
Tgt Ion:166 Resp: 479138

Ion Ratio Lower Upper

166 100

165 99.5 79.2 118.8

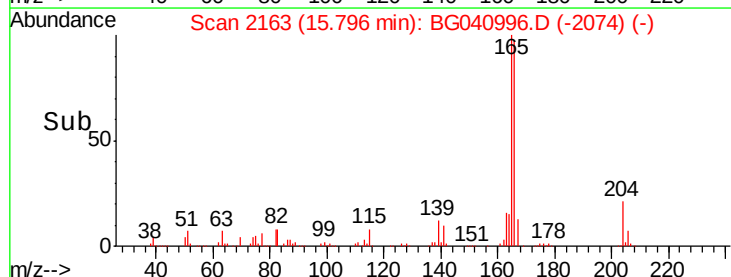
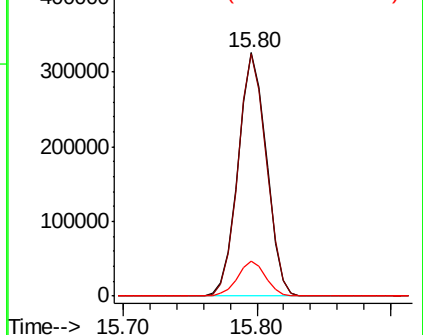
167 14.4 11.8 17.6

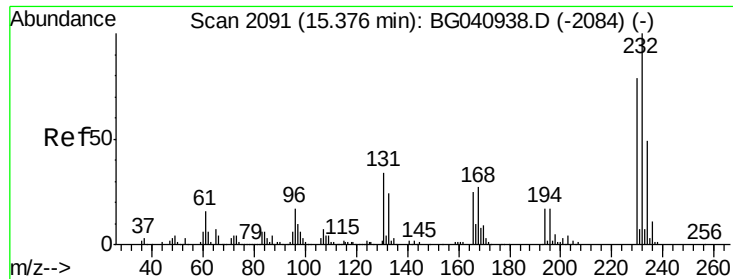


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

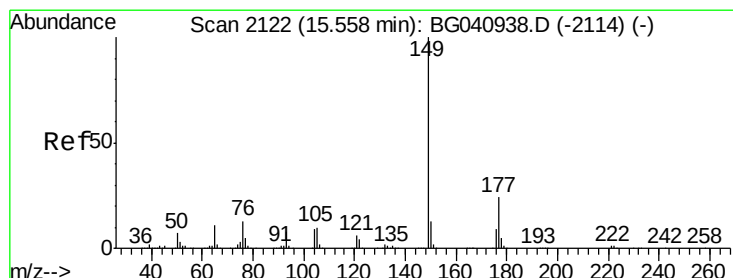
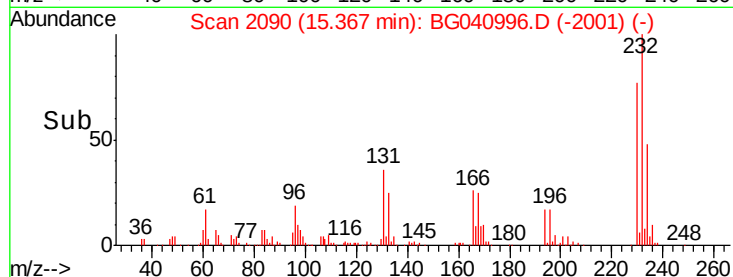
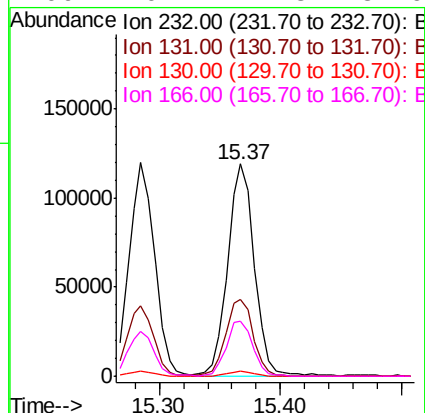
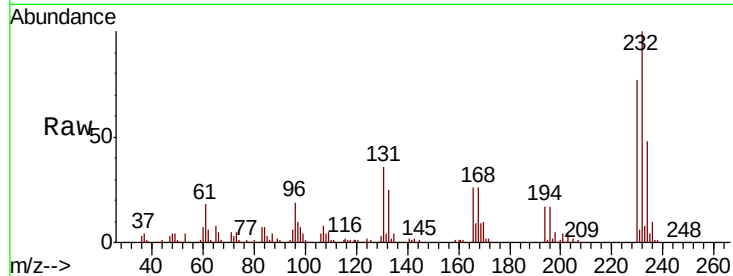




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.907 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

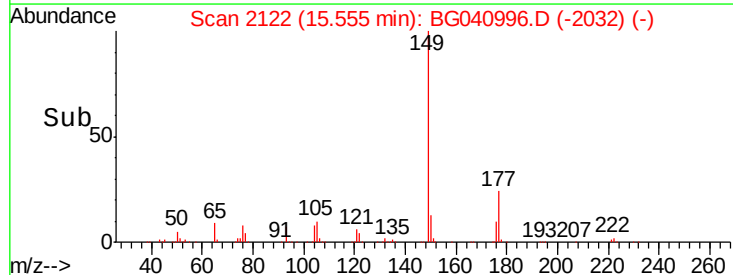
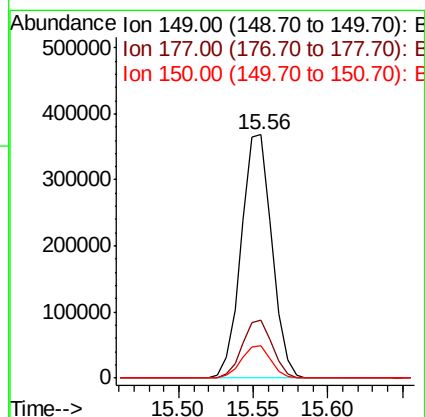
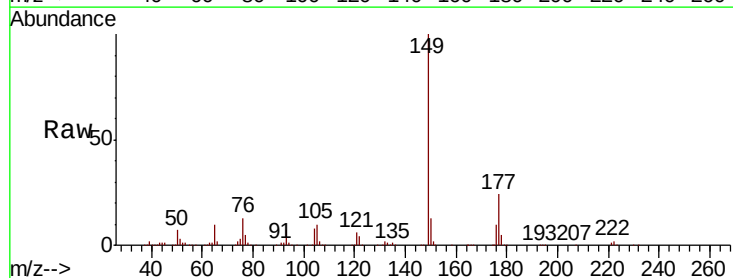
Instrument :
BNA_G
ClientSampleId :
PB120099BS

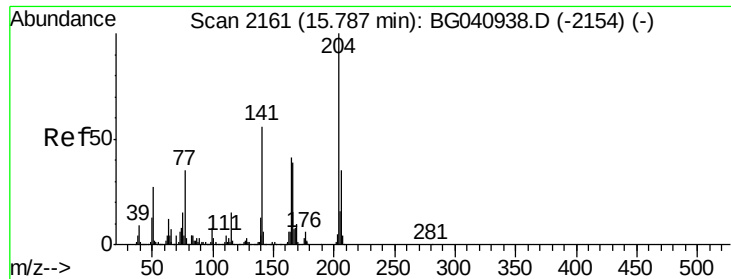
Tot Ion:	232	Resp:	181847
Ion	Ratio	Lower	Upper
232	100		
131	37.6	30.3	45.5
130	2.4	1.8	2.8
166	26.1	21.3	31.9



#60
Diethylphthalate
Concen: 34.972 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:	149	Resp:	522511
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.4	29.0
150	13.4	10.3	15.5

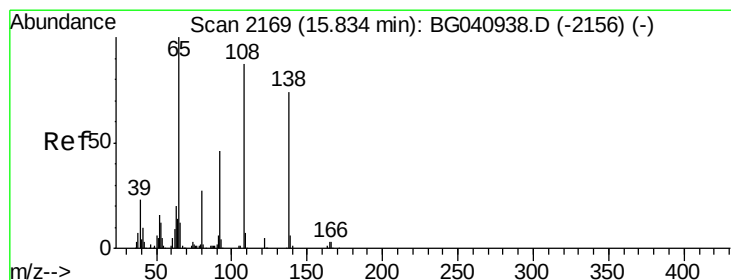
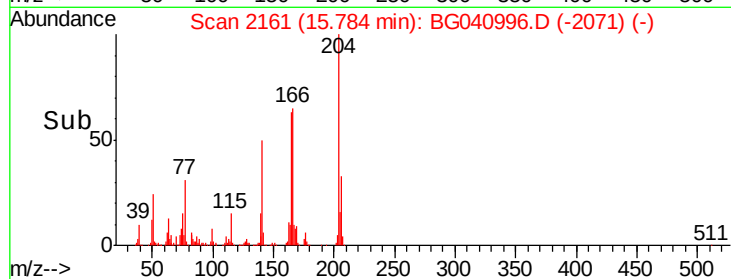
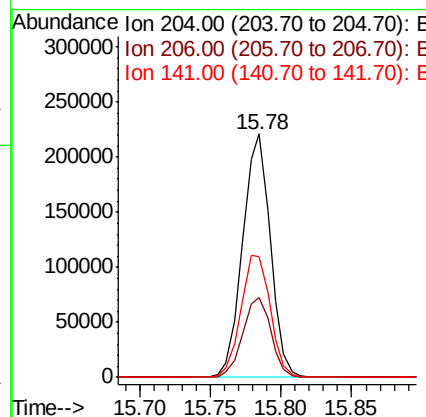
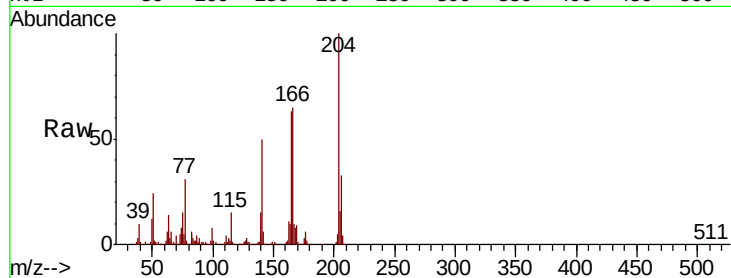




#61
 4-Chlorophenyl-phenylether
 Concen: 34.647 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

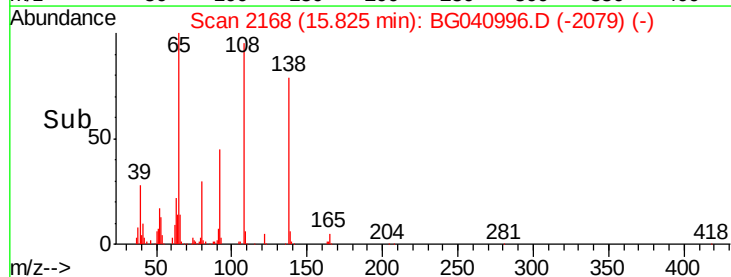
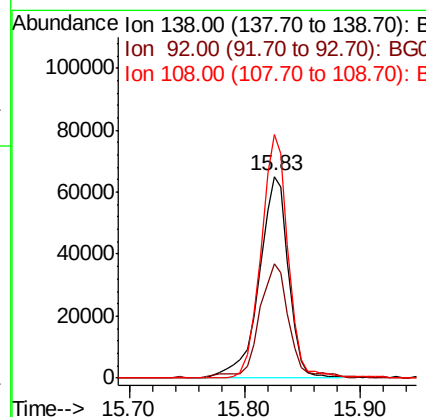
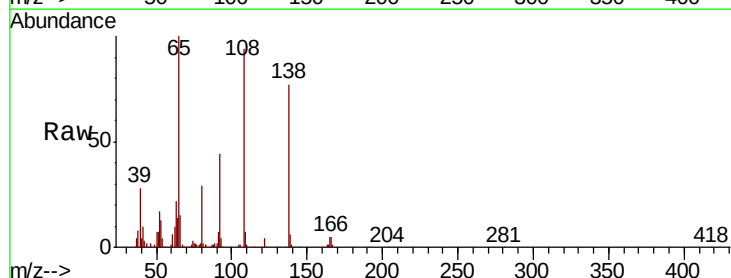
Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

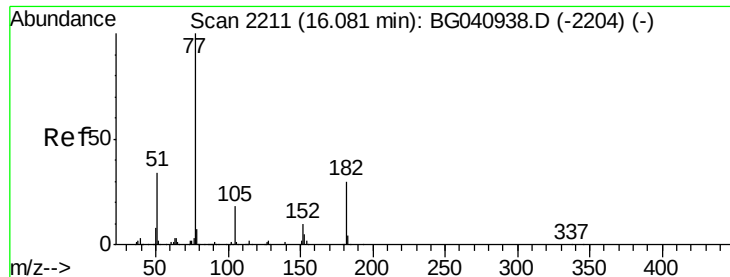
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.6	41.4
141	49.6	45.1	67.7



#62
 4-Nitroaniline
 Concen: 34.445 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	42.4	82.4
108	120.8	96.9	136.9

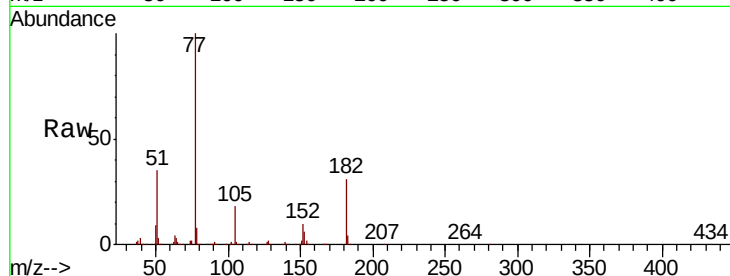




#63
Azobenzene
Concen: 36.124 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Instrument :
BNA_G
ClientSampleId :
PB120099BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.7	9.6	49.6	
105	17.6	0.0	37.5	
51	34.9	13.7	53.7	



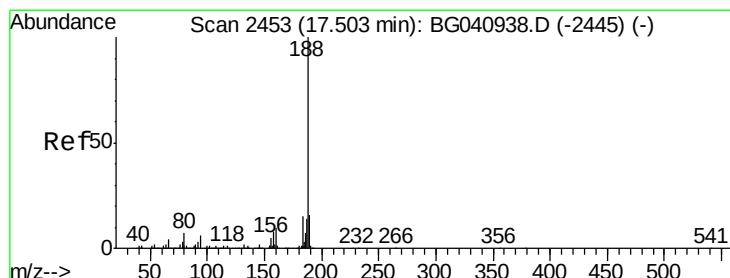
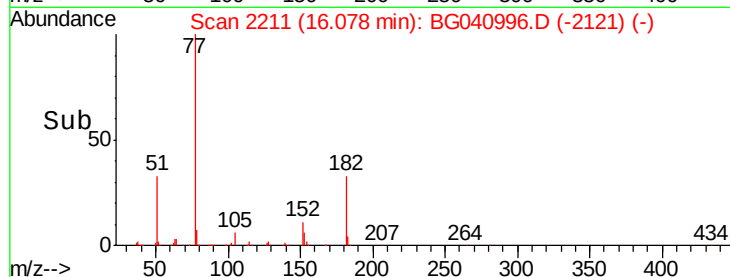
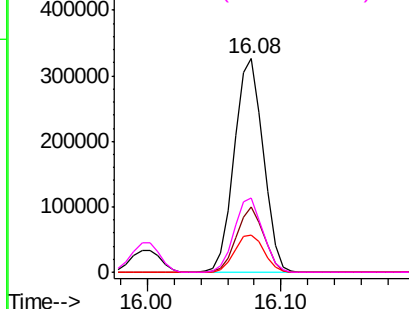
Abundance

Ion 77.00 (76.70 to 77.70): BG040938.D (-2204) (-)

Ion 182.00 (181.70 to 182.70): BG040938.D (-2204) (-)

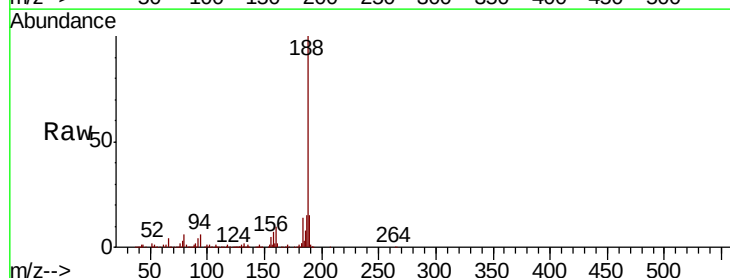
Ion 105.00 (104.70 to 105.70): BG040938.D (-2204) (-)

Ion 51.00 (50.70 to 51.70): BG040938.D (-2204) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.6	4.7	7.1	
80	6.1	5.8	8.8	

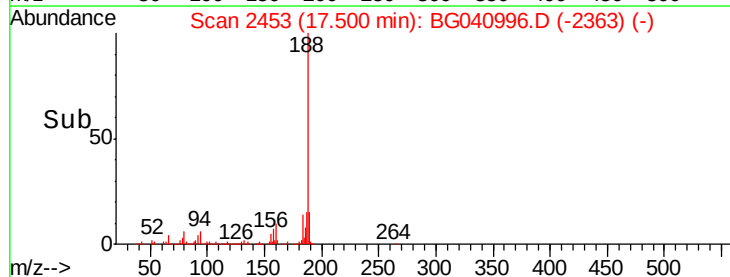
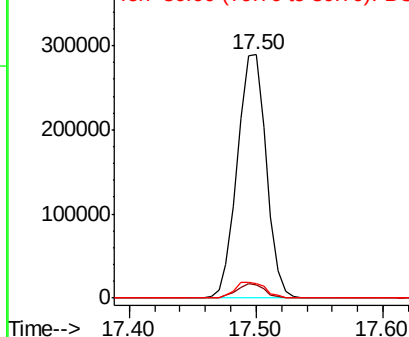


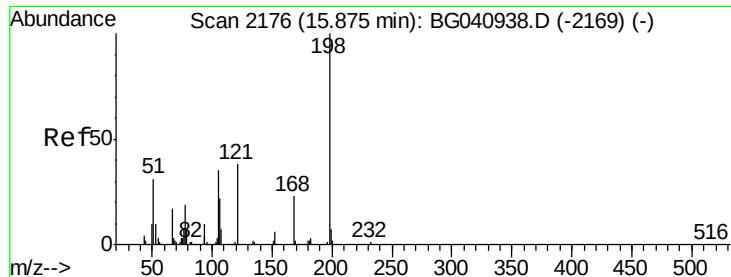
Abundance

Ion 188.00 (187.70 to 188.70): BG040938.D (-2445) (-)

Ion 94.00 (93.70 to 94.70): BG040938.D (-2445) (-)

Ion 80.00 (79.70 to 80.70): BG040938.D (-2445) (-)

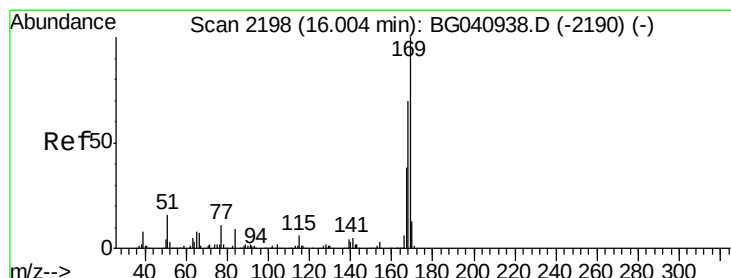
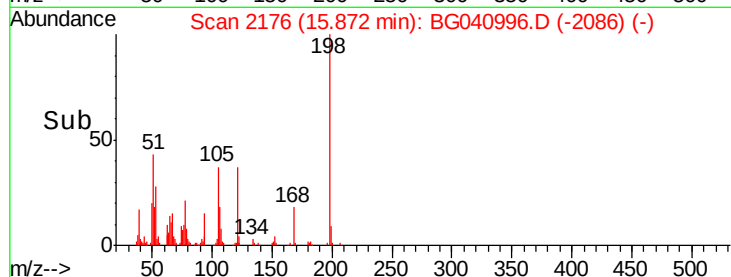
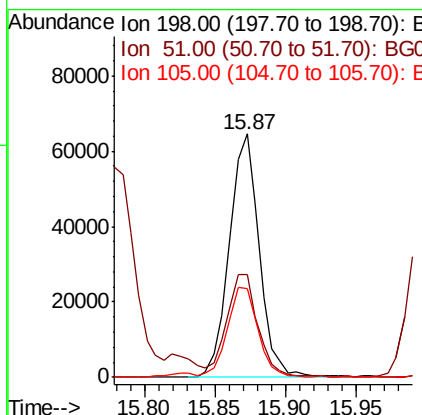
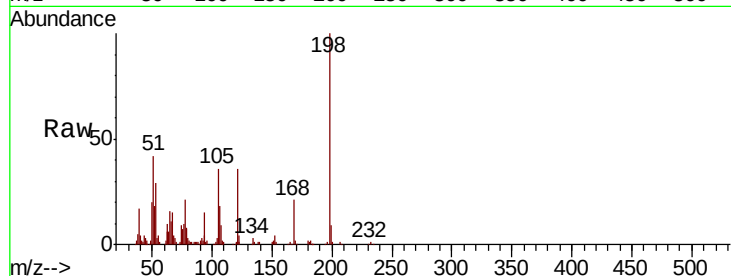




#65
4,6-Dinitro-2-methylphenol
Concen: 40.501 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

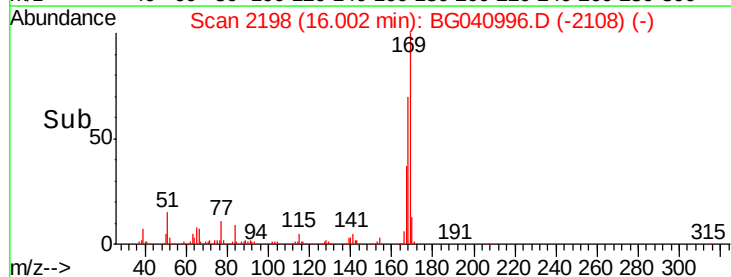
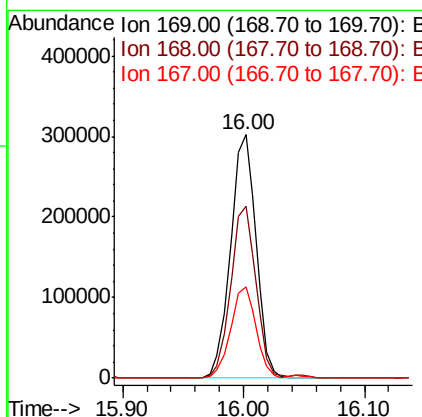
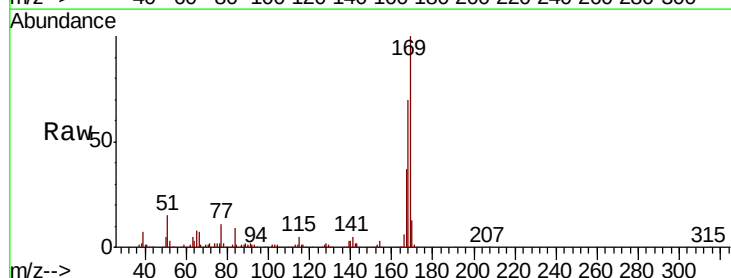
Instrument :
BNA_G
ClientSampleId :
PB120099BS

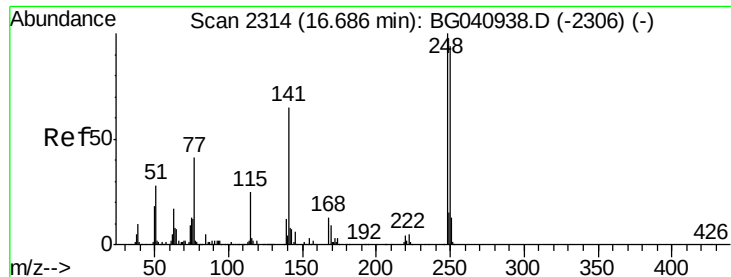
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.5	21.6	61.6
105	36.4	17.5	57.5



#66
n-Nitrosodiphenylamine
Concen: 34.591 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.4	55.7	83.5
167	37.4	30.2	45.2

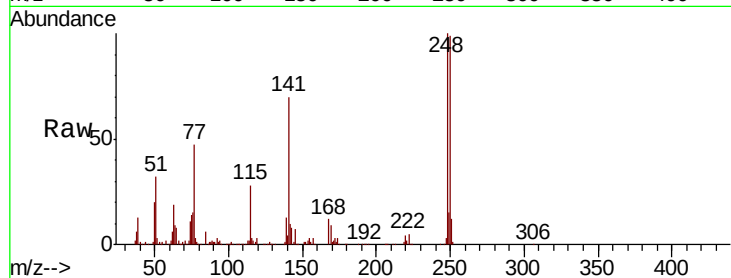




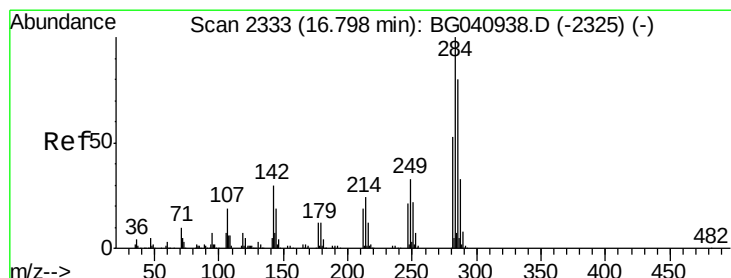
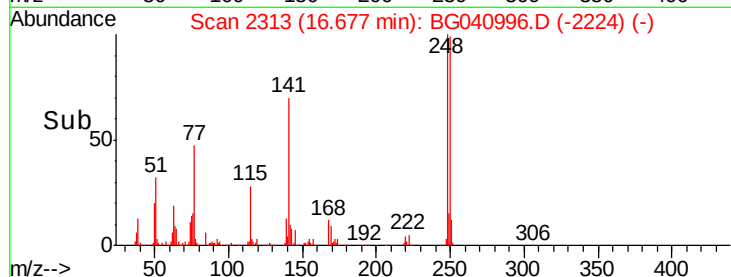
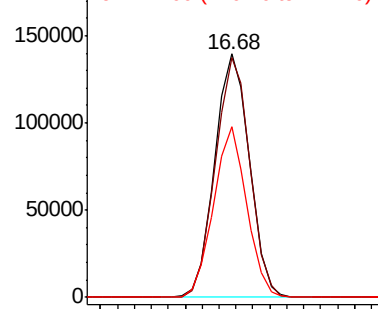
#67
4-Bromophenyl-phenylether
Concen: 32.328 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Instrument :
BNA_G
ClientSampleId :
PB120099BS

Tot Ion:248 Resp: 199560
Ion Ratio Lower Upper
248 100
250 98.7 75.0 112.4
141 69.9 52.4 78.6

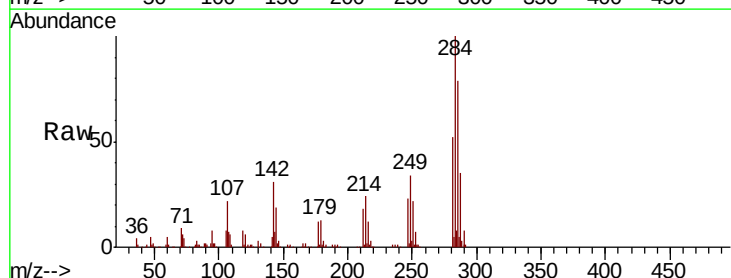


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

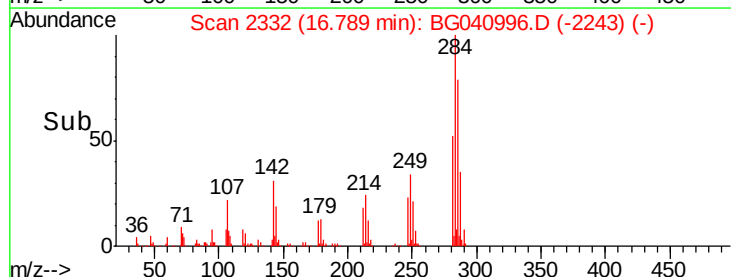
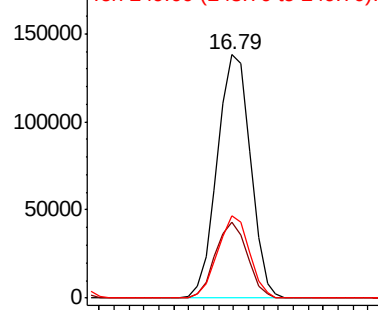


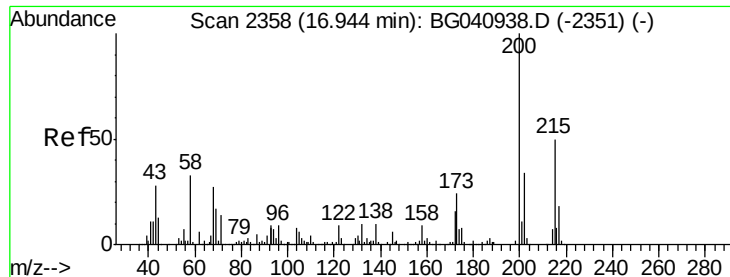
#68
Hexachlorobenzene
Concen: 32.352 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:284 Resp: 212661
Ion Ratio Lower Upper
284 100
142 31.1 23.9 35.9
249 33.8 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.346 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

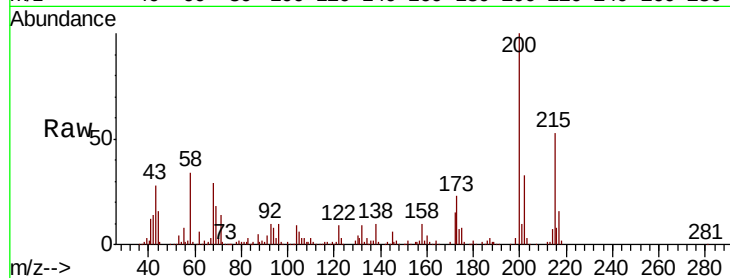
Tot Ion:200 Resp: 190257

Ion Ratio Lower Upper

200 100

173 22.7 3.6 43.6

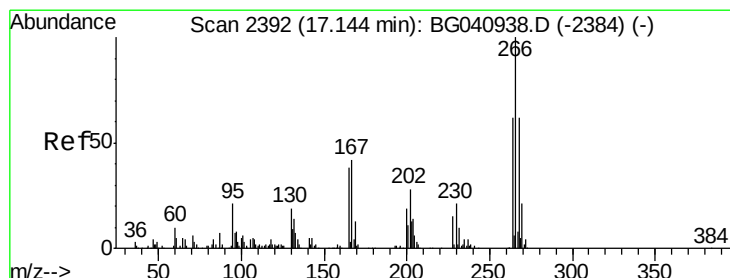
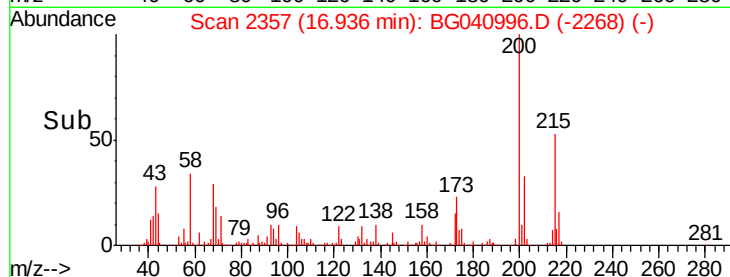
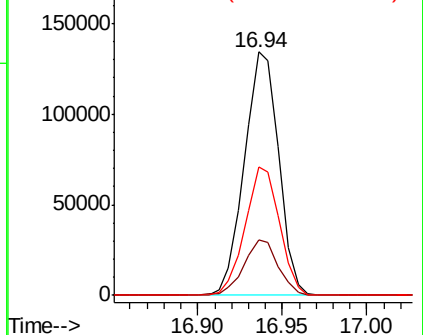
215 53.0 29.6 69.6



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: 70.779 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

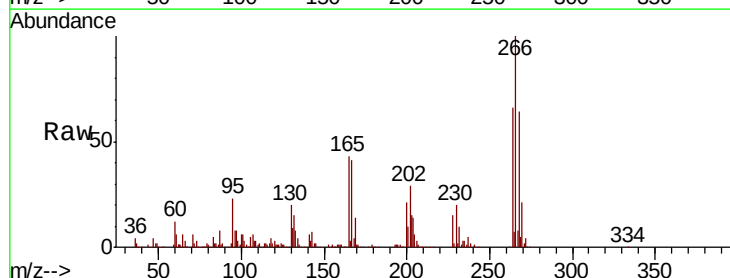
Tgt Ion:266 Resp: 247411

Ion Ratio Lower Upper

266 100

268 64.0 53.1 79.7

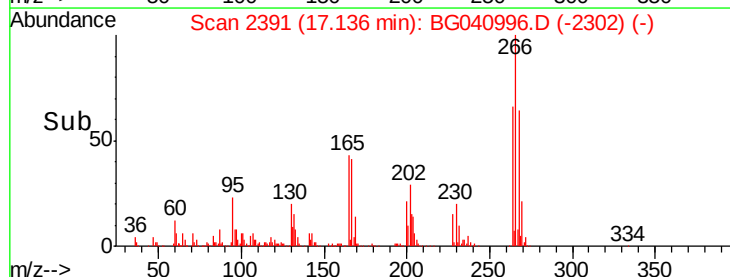
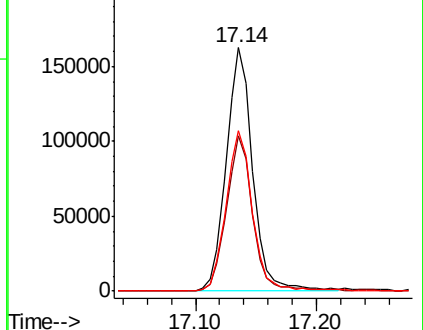
264 66.1 49.9 74.9

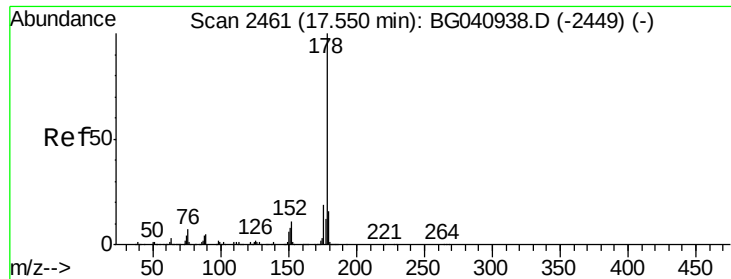


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

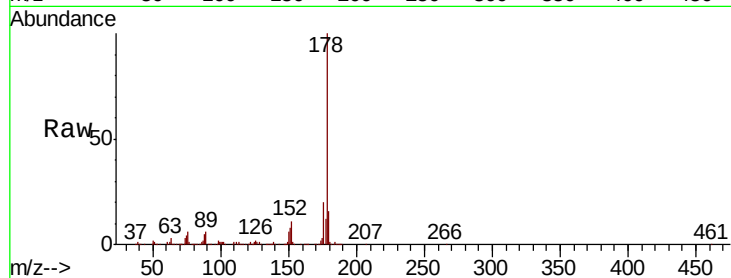




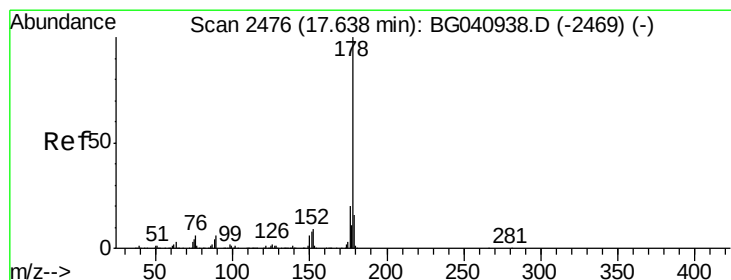
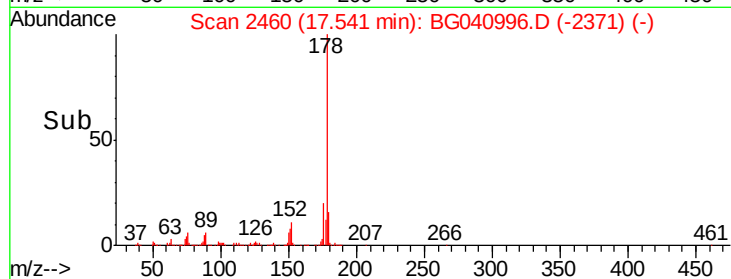
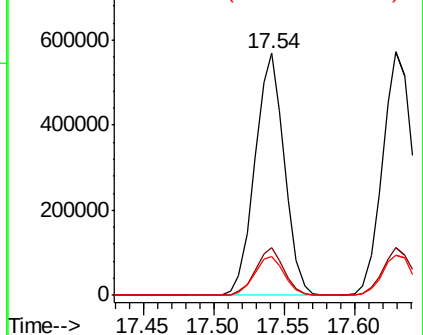
#71
Phenanthrene
Concen: 34.997 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Instrument :
BNA_G
ClientSampleId :
PB120099BS

Tot Ion:178 Resp: 833851
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.9 12.7 19.1

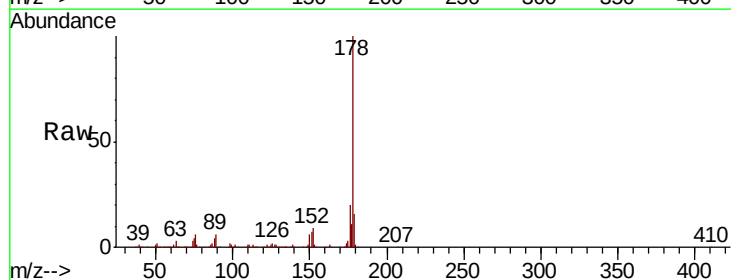


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

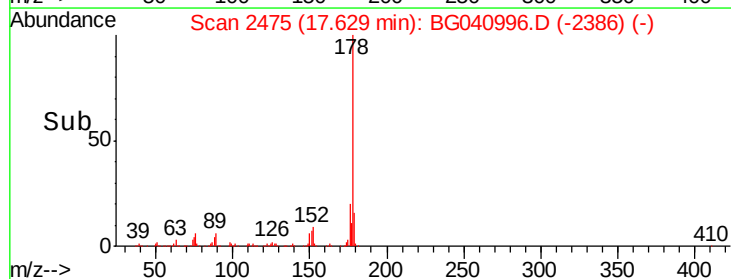
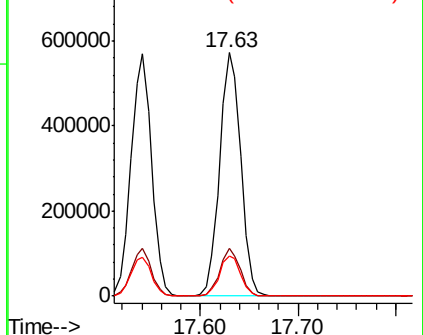


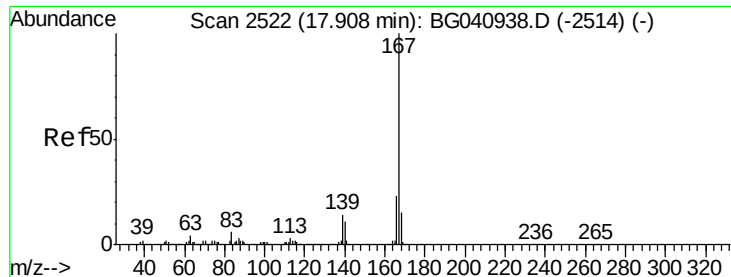
#72
Anthracene
Concen: 36.445 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:178 Resp: 856424
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.4 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

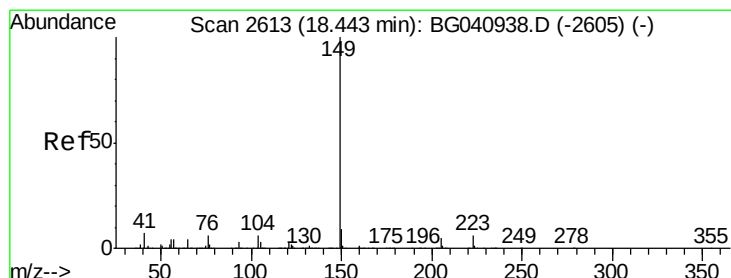
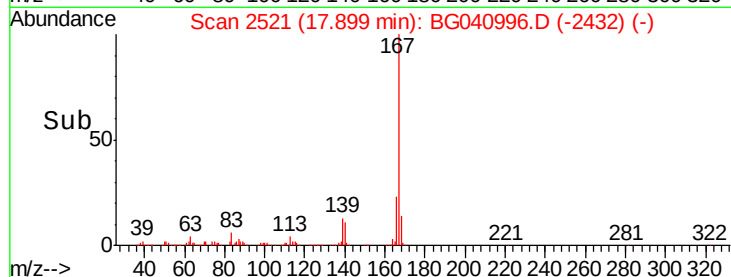
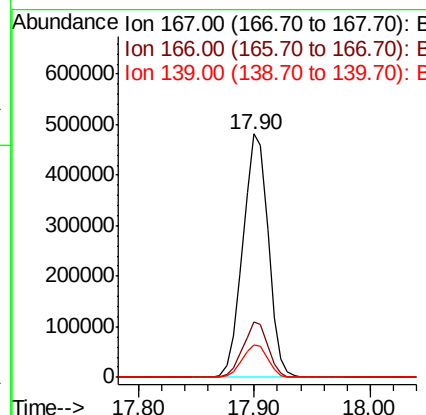
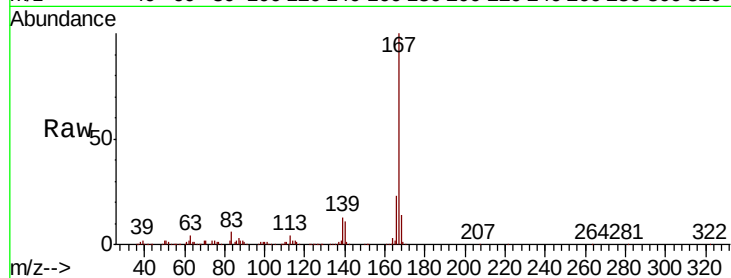




#73
 Carbazole
 Concen: 36.540 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

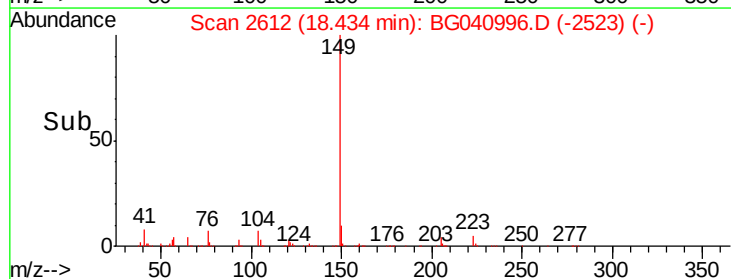
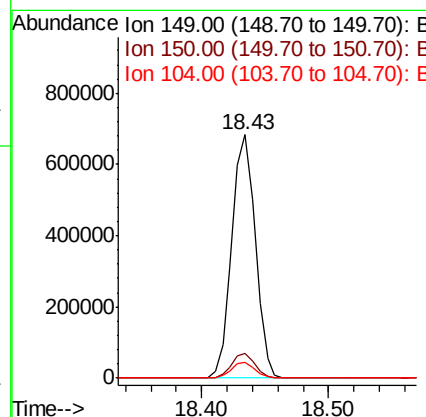
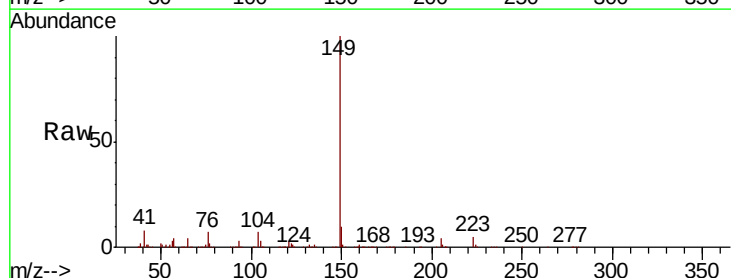
Instrument :
 BNA_G
 ClientSampleId :
 PB120099BS

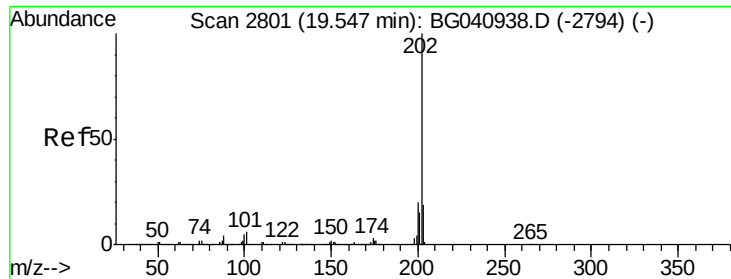
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 34.848 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040996.D
 Acq: 1 Jun 2019 4:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 36.998 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

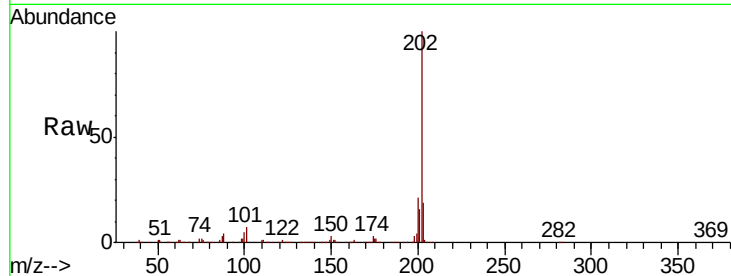
Tot Ion:202 Resp: 1088824

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.2

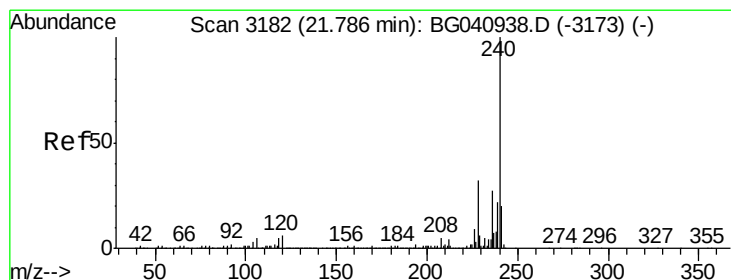
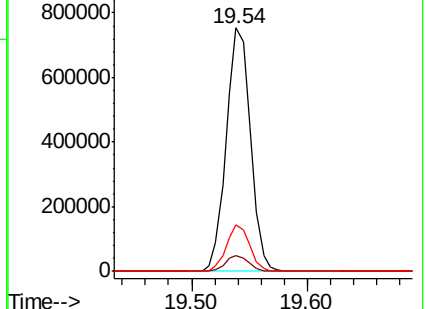
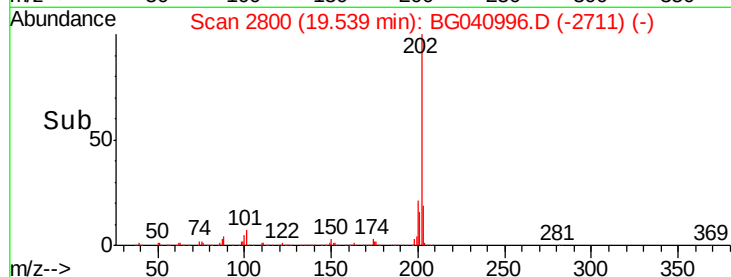
203 18.9 0.0 38.7



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: BG040996.D

Acq: 1 Jun 2019 4:07

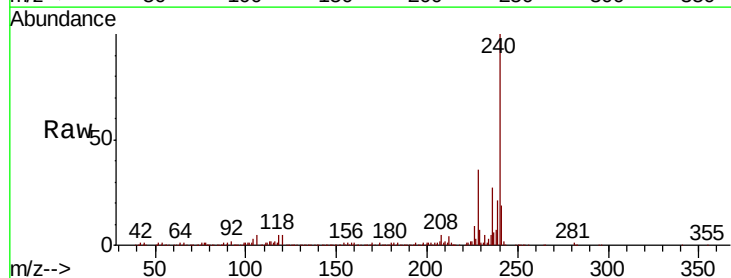
Tgt Ion:240 Resp: 463397

Ion Ratio Lower Upper

240 100

120 4.7 4.5 6.7

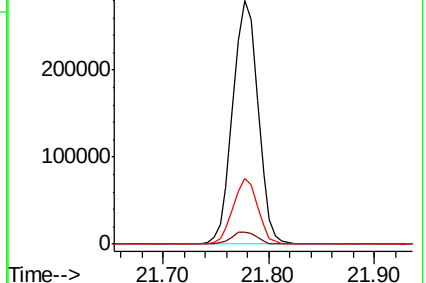
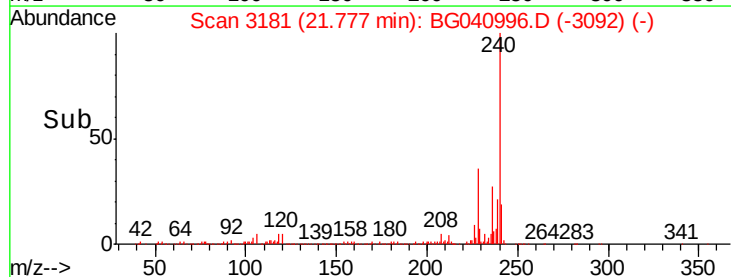
236 27.0 21.3 31.9

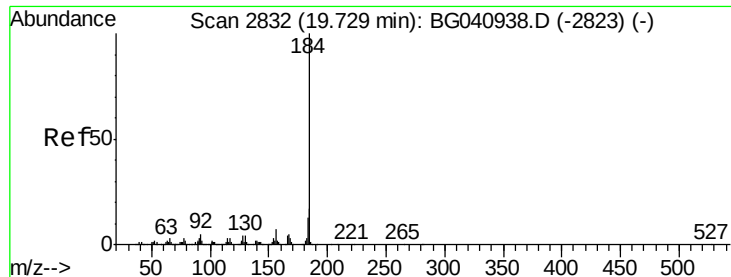


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.683 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

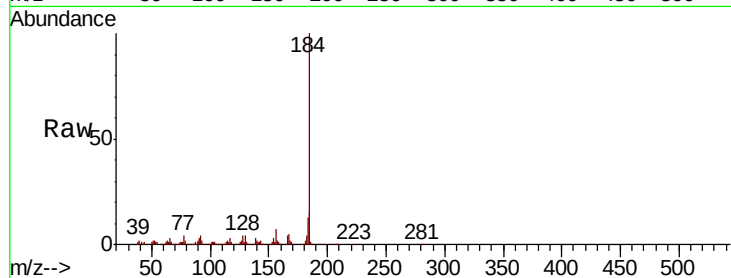
Tot Ion:184 Resp: 394462

Ion Ratio Lower Upper

184 100

185 15.2 13.3 19.9

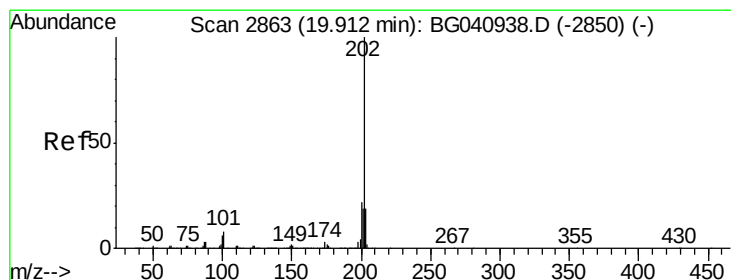
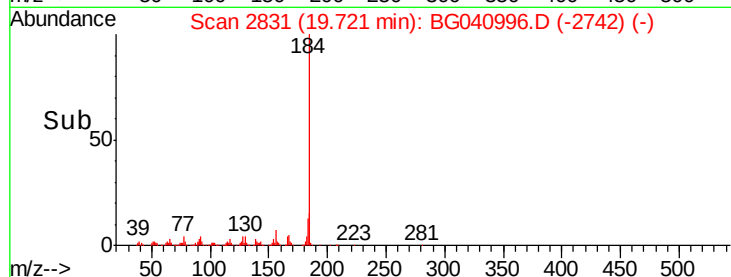
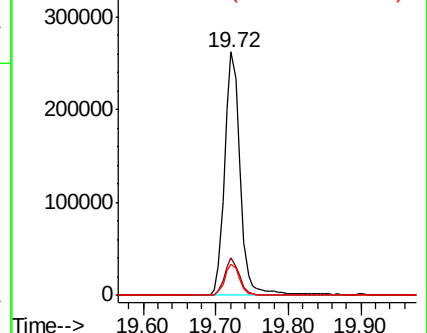
183 13.0 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.472 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

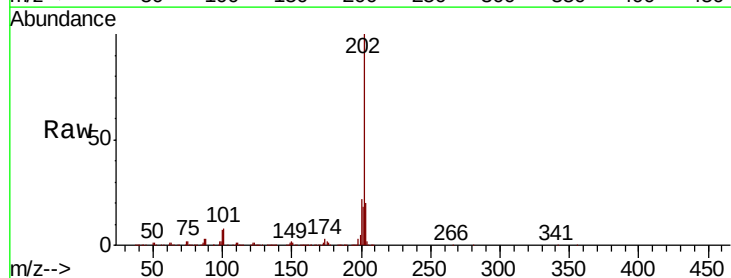
Tgt Ion:202 Resp: 1098666

Ion Ratio Lower Upper

202 100

200 22.0 17.5 26.3

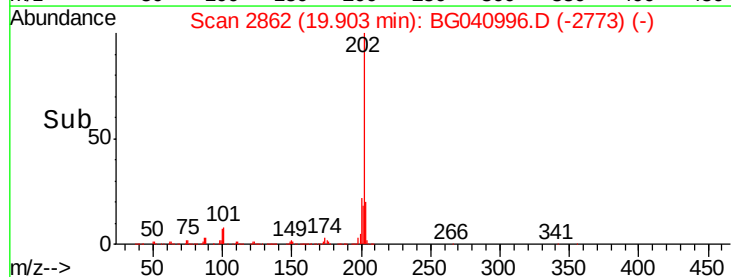
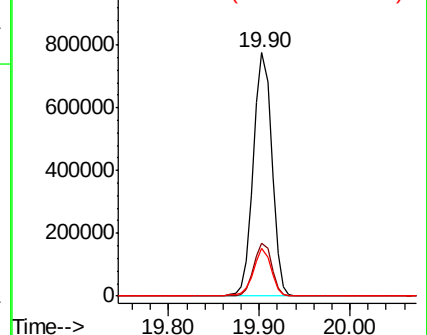
203 19.7 15.6 23.4

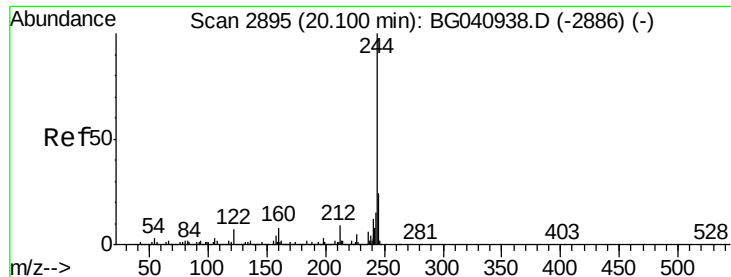


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.562 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

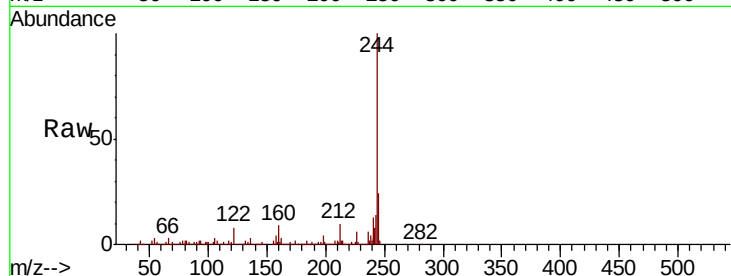
BNA_G

ClientSampleId :

PB120099BS

Tot Ion:244 Resp: 1824520

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.0	10.4
122	8.4	5.4	8.0

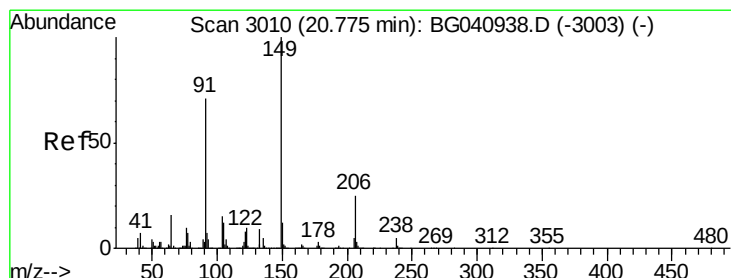
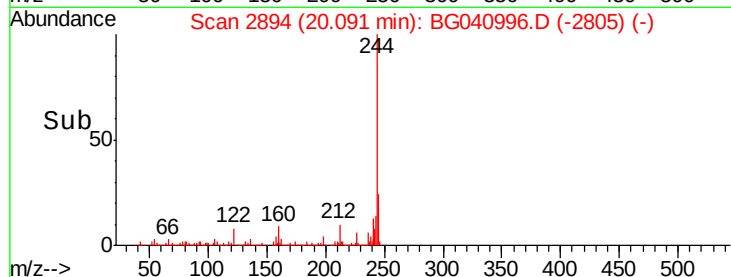
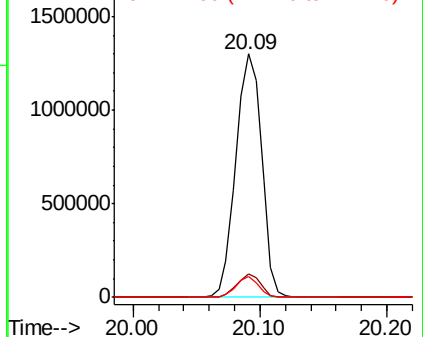


Abundance

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: 35.260 ng

RT: 20.77 min Scan# 3010

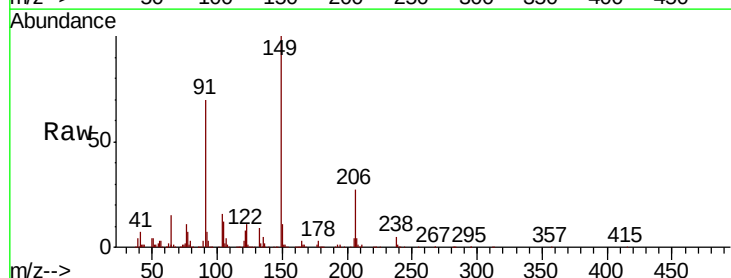
Delta R.T. -0.00 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Tgt Ion:149 Resp: 413350

Ion	Ratio	Lower	Upper
149	100		
91	70.1	56.5	84.7
206	27.5	20.3	30.5

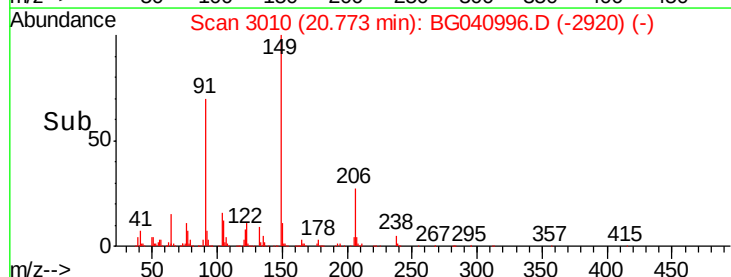
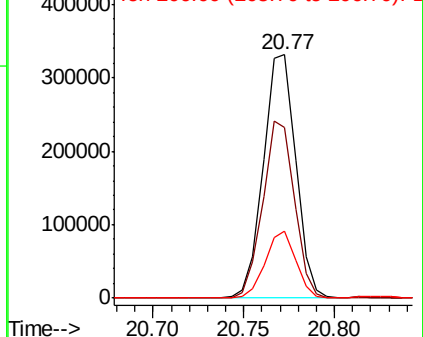


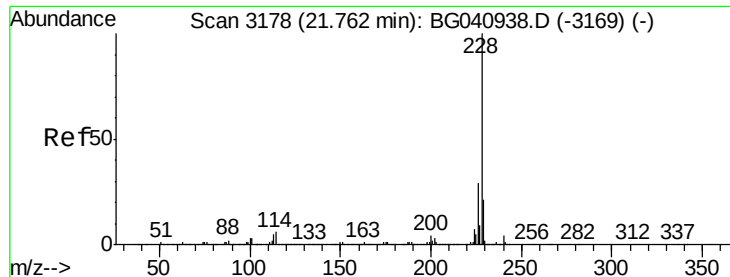
Abundance

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

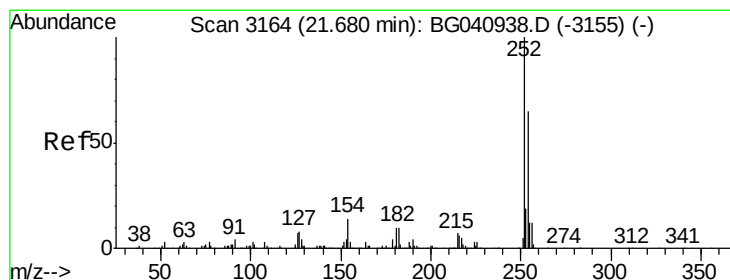
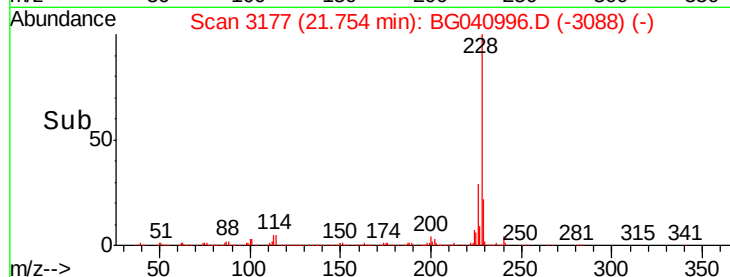
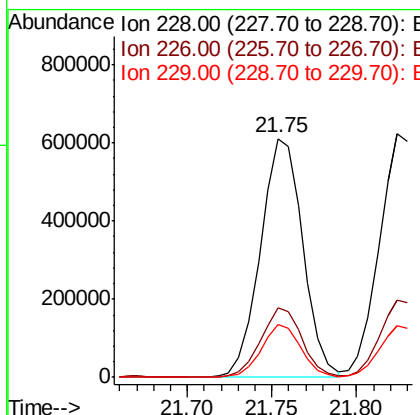
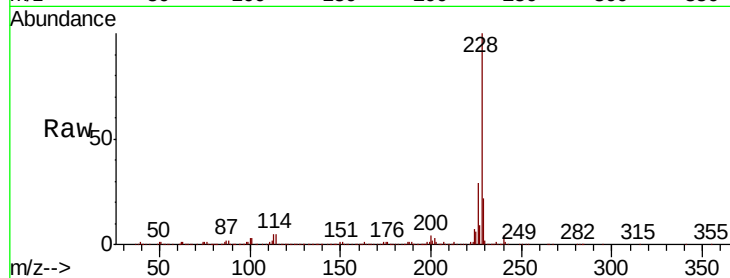




#81
Benzo(a)anthracene
Concen: 34.442 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

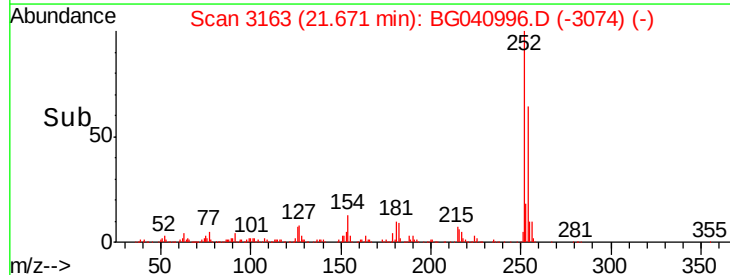
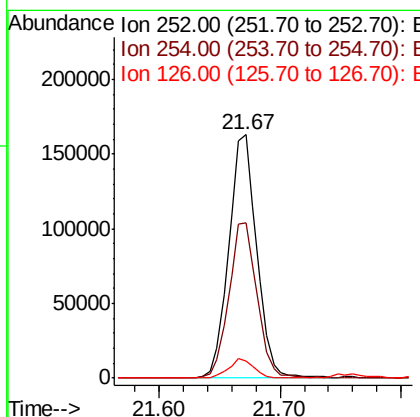
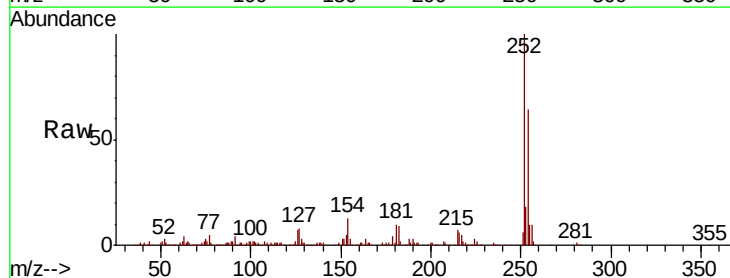
Instrument :
BNA_G
ClientSampleId :
PB120099BS

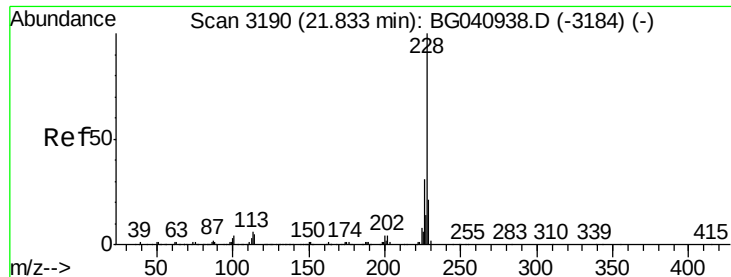
Tot Ion:228 Resp: 1062428
Ion Ratio Lower Upper
228 100
226 29.4 23.5 35.3
229 21.9 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 24.184 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:252 Resp: 262385
Ion Ratio Lower Upper
252 100
254 64.0 52.1 78.1
126 7.2 5.5 8.3





#83

Chrysene

Concen: 35.566 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

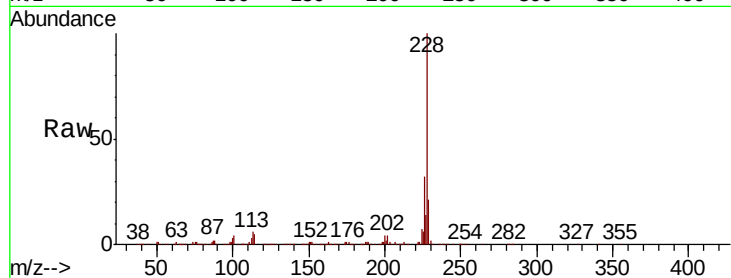
BNA_G

ClientSampleId :

PB120099BS

Tot Ion:228 Resp: 1049870

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	21.2	16.6	24.8

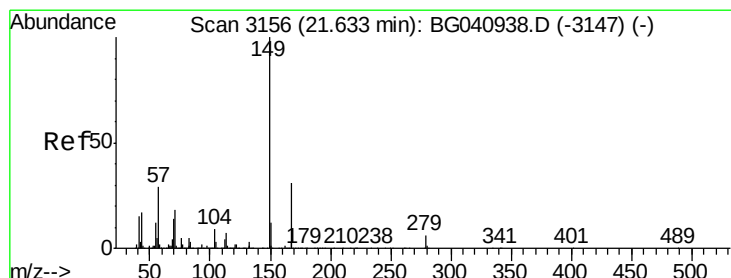
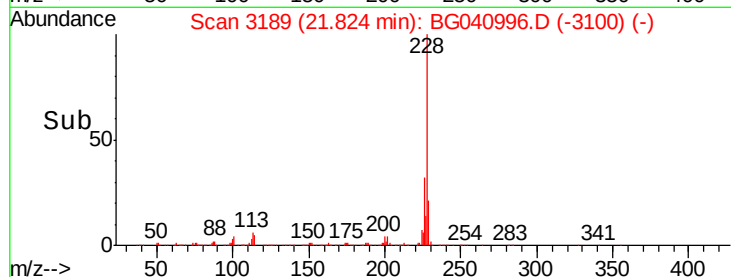
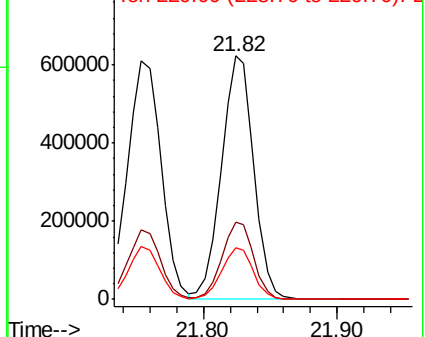


Abundance

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: 34.346 ng

RT: 21.62 min Scan# 3155

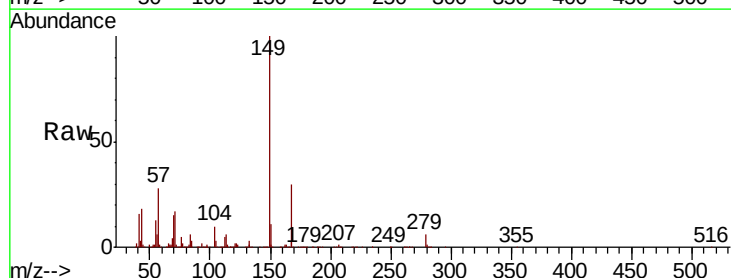
Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Tgt Ion:149 Resp: 566799

Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.6	37.0
279	6.4	5.0	7.6

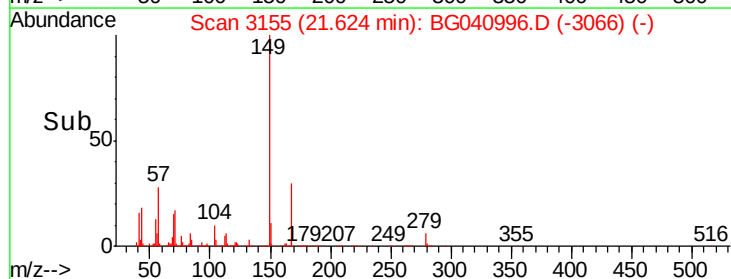
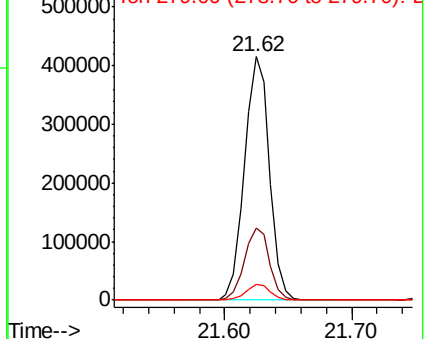


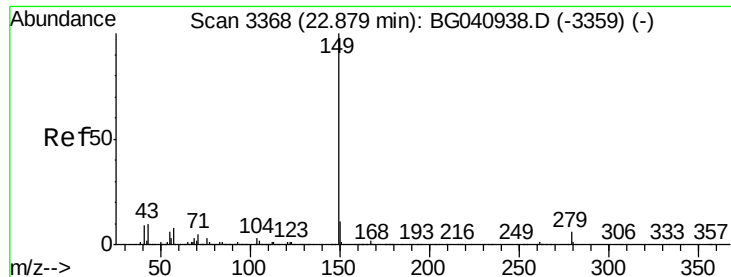
Abundance

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: 35.033 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

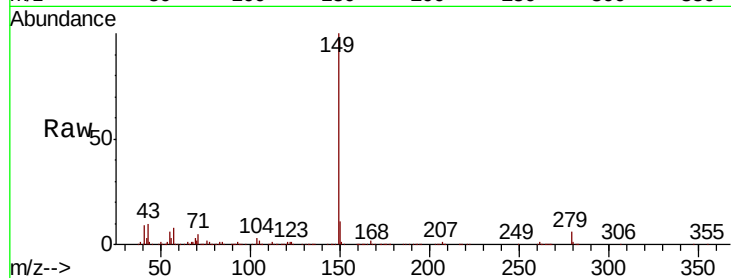
Tot Ion:149 Resp: 962844

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

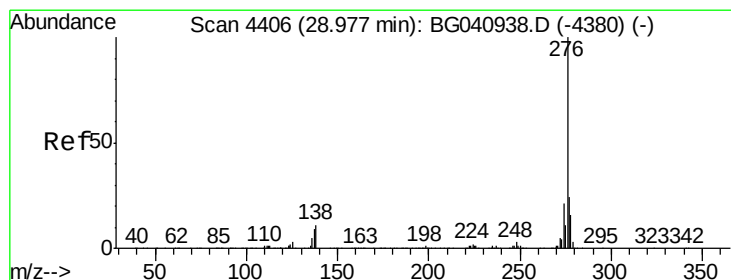
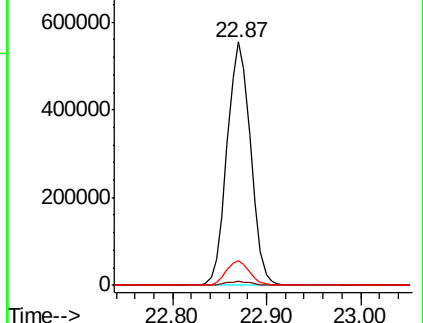
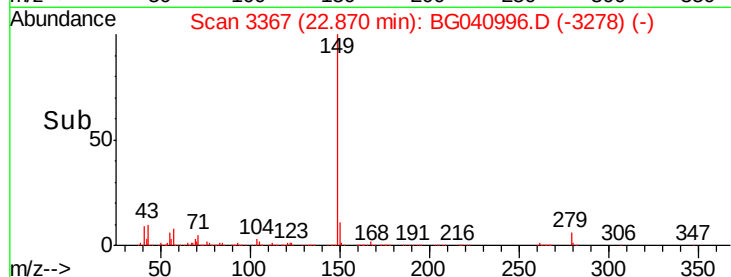
43 10.0 8.1 12.1



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: 35.164 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

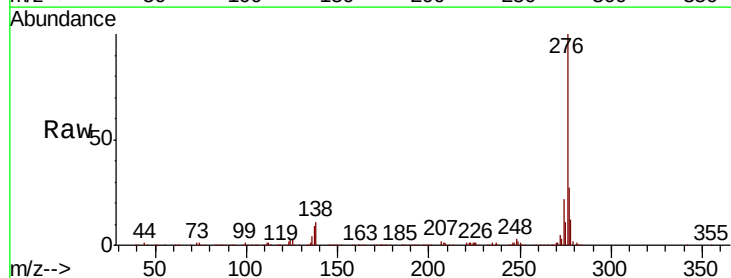
Tgt Ion:276 Resp: 1271544

Ion Ratio Lower Upper

276 100

138 13.2 5.7 8.5#

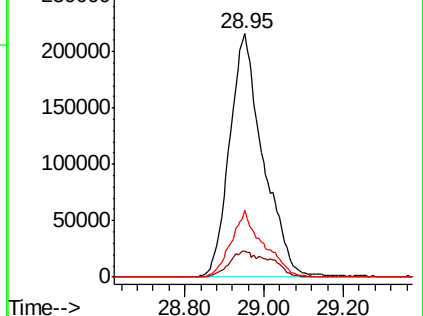
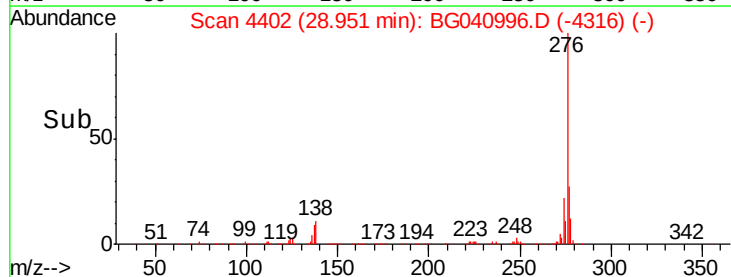
277 26.1 20.8 31.2

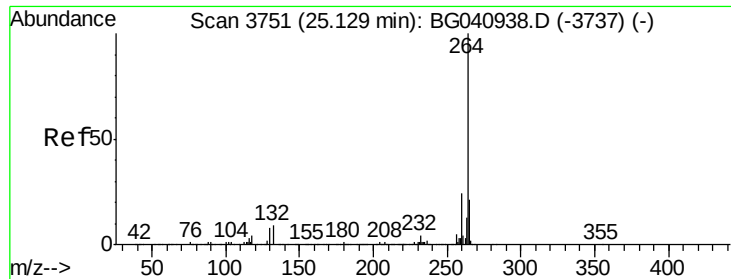


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

Instrument :

BNA_G

ClientSampleId :

PB120099BS

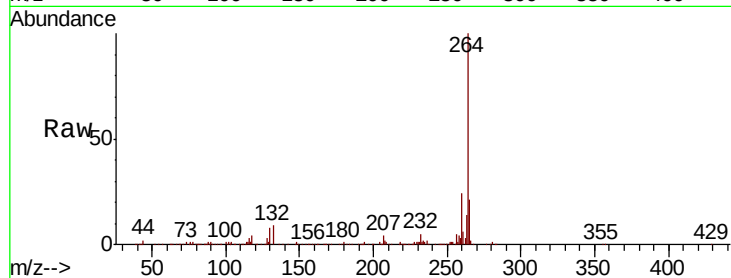
Tot Ion:264 Resp: 492545

Ion Ratio Lower Upper

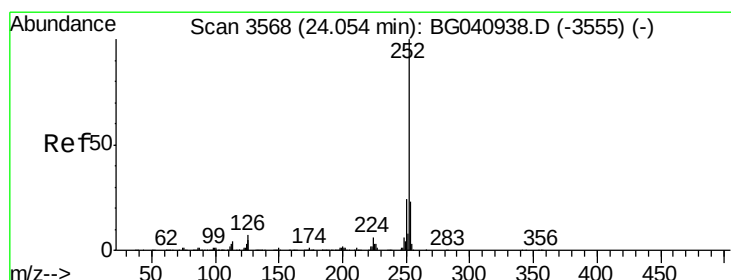
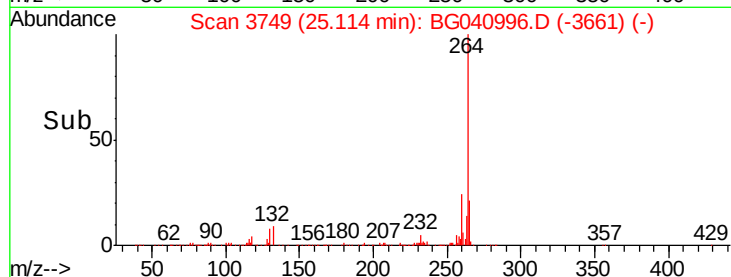
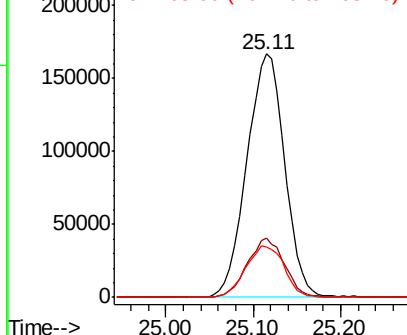
264 100

260 24.4 19.0 28.4

265 20.8 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: 36.577 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG040996.D

Acq: 1 Jun 2019 4:07

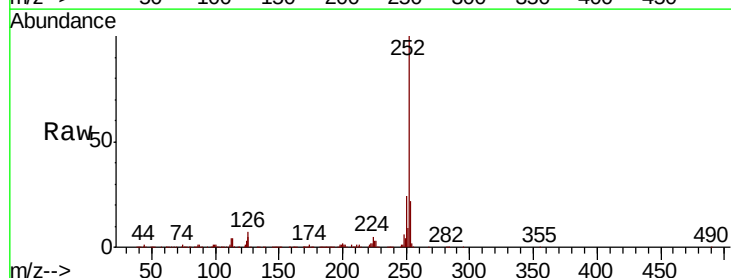
Tgt Ion:252 Resp: 1092733

Ion Ratio Lower Upper

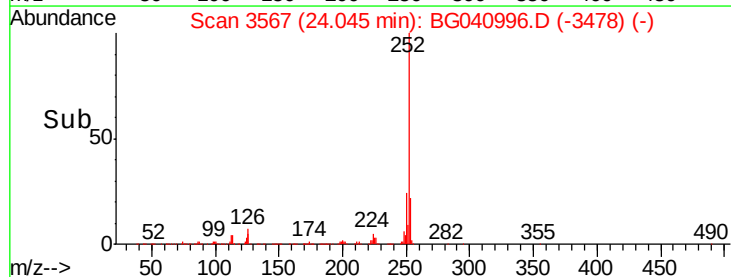
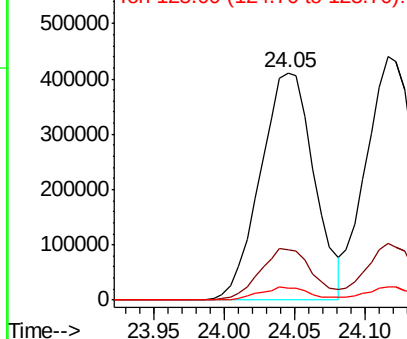
252 100

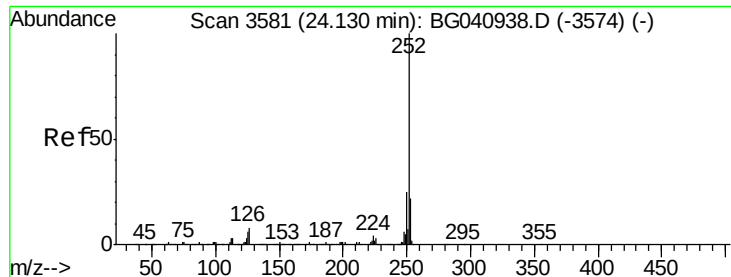
253 22.0 18.4 27.6

125 5.4 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

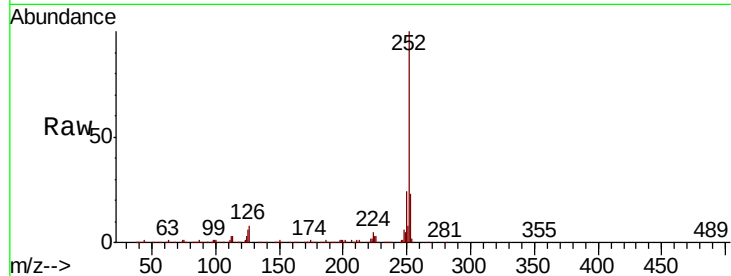




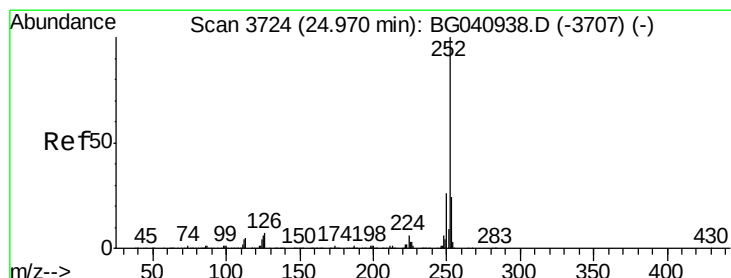
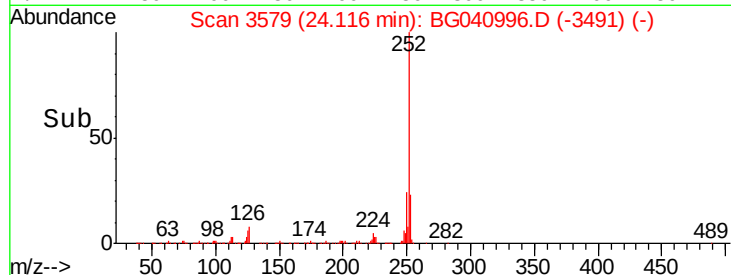
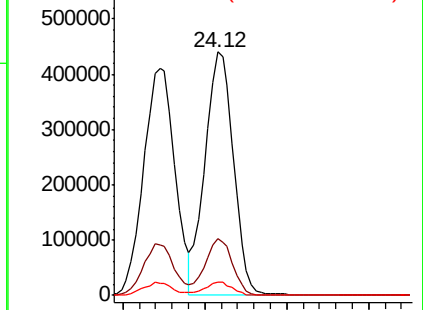
#89
Benzo(k)fluoranthene
Concen: 36.077 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Instrument :
BNA_G
ClientSampleId :
PB120099BS

Tot Ion:252 Resp: 1066536
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 5.6 4.7 7.1

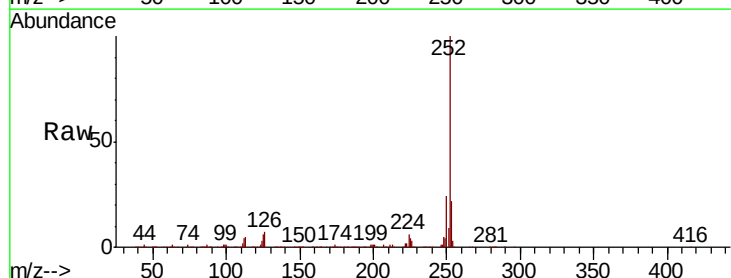


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

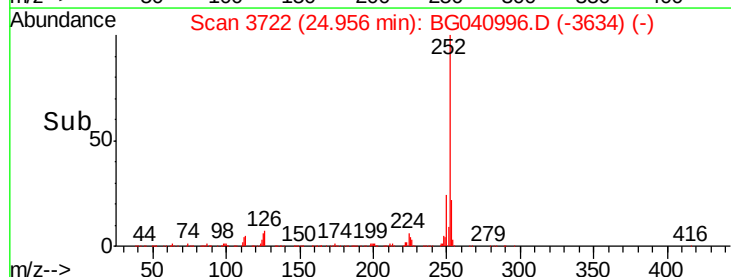
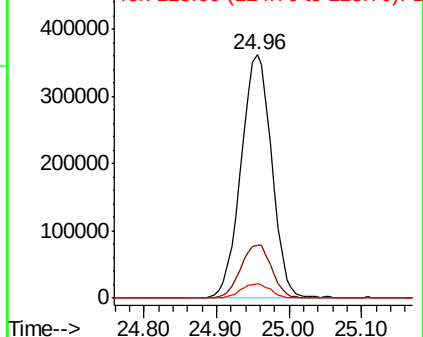


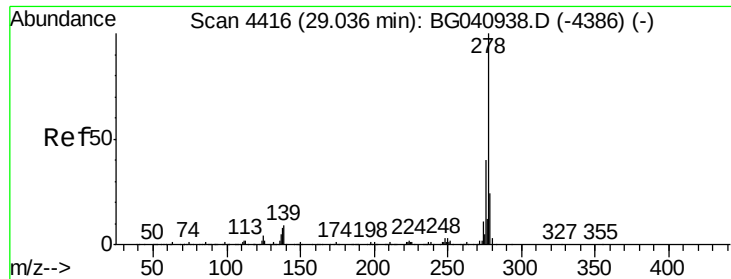
#90
Benzo(a)pyrene
Concen: 37.391 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:252 Resp: 1065728
Ion Ratio Lower Upper
252 100
253 21.9 19.5 29.3
125 6.2 5.1 7.7



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

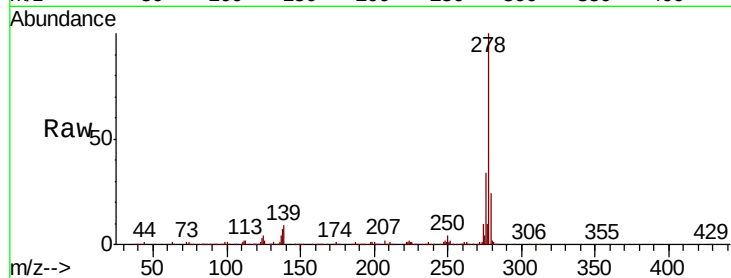




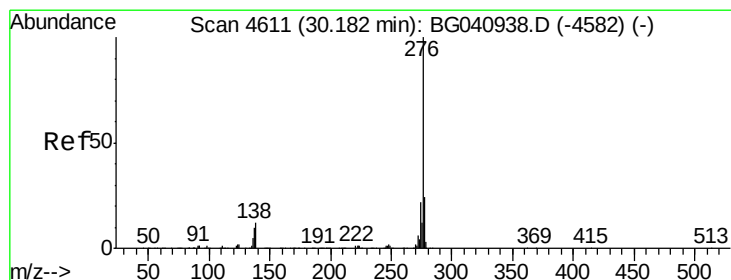
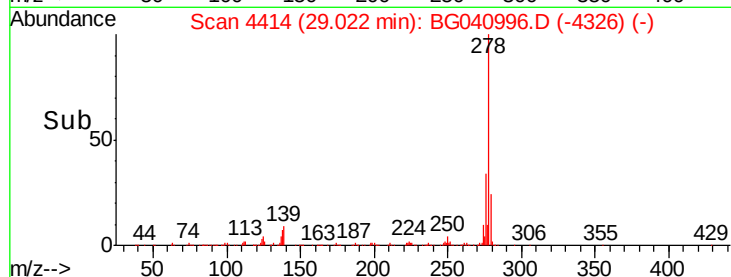
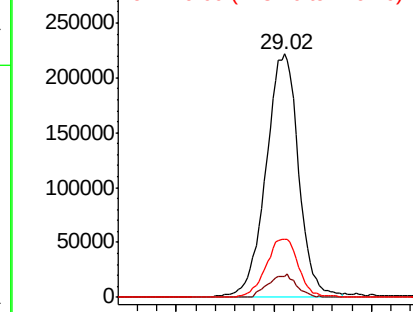
#91
Dibenzo(a,h)anthracene
Concen: 36.252 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Instrument :
BNA_G
ClientSampleId :
PB120099BS

Tot Ion:278 Resp: 1032460
Ion Ratio Lower Upper
278 100
139 8.6 7.1 10.7
279 23.6 19.4 29.2

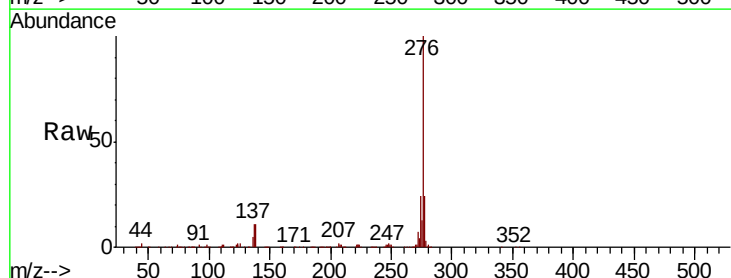


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.794 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG040996.D
Acq: 1 Jun 2019 4:07

Tgt Ion:276 Resp: 1045732
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 11.1 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

