

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040992.D
 Acq On : 1 Jun 2019 1:35
 Operator : HP/JU
 Sample : PB120082BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Quant Time: Jun 01 05:18:22 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	277993	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	1065542	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	783339	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	1836034	20.00	ng	0.00
76) Chrysene-d12	21.78	240	1893324	20.00	ng	0.00
87) Perylene-d12	25.13	264	2153600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1656538	107.45	ng	0.00
7) Phenol-d6	7.29	99	2283827	95.92	ng	0.02
23) Nitrobenzene-d5	9.32	82	1677153	69.88	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	1359940	116.94	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	3168957	58.26	ng	0.00
79) Terphenyl-d14	20.10	244	4312649	48.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	40872	5.842	ng	# 88
3) Pyridine	3.93	79	111235	5.374	ng	97
4) n-Nitrosodimethylamine	3.85	42	61484	6.400	ng	80
6) Aniline	7.45	93	147095	4.628	ng	97
8) 2-Chlorophenol	7.69	128	115053	6.260	ng	94
9) Benzaldehyde	7.26	77	59528	4.191	ng	89
10) Phenol	7.31	94	155849	6.105	ng	91
11) bis(2-Chloroethyl)ether	7.55	93	111707	6.032	ng	94
12) 1,3-Dichlorobenzene	8.01	146	129618	5.905	ng	97
13) 1,4-Dichlorobenzene	8.16	146	130667	5.881	ng	94
14) 1,2-Dichlorobenzene	8.48	146	124850	5.787	ng	99
15) Benzyl Alcohol	8.36	79	135252	6.141	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	179568	5.934	ng	98
17) 2-Methylphenol	8.56	107	110426	5.974	ng	98
18) Hexachloroethane	9.20	117	52068	6.080	ng	99
19) n-Nitroso-di-n-propylamine	8.93	70	109241	5.962	ng	99
20) 3+4-Methylphenols	8.89	107	154329	6.028	ng	97
22) Acetophenone	8.95	105	201395	6.738	ng	# 98
24) Nitrobenzene	9.35	77	168509	6.889	ng	95
25) Isophorone	9.86	82	310064	6.788	ng	99
26) 2-Nitrophenol	10.05	139	70796	7.021	ng	93
27) 2,4-Dimethylphenol	10.10	122	125674	7.546	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	157703	6.397	ng	99
29) 2,4-Dichlorophenol	10.58	162	139081	6.576	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	157217	6.535	ng	95
31) Naphthalene	11.00	128	376785	6.586	ng	100
32) Benzoic acid	10.20	122	70874	12.676	ng	94
33) 4-Chloroaniline	11.10	127	93547	3.524	ng	99
34) Hexachlorobutadiene	11.26	225	113991	6.192	ng	98
35) Caprolactam	11.90	113	45510	6.517	ng	94
36) 4-Chloro-3-methylphenol	12.20	107	156358	6.474	ng	96
37) 2-Methylnaphthalene	12.59	142	288427	6.546	ng	99
38) 1-Methylnaphthalene	12.81	142	276874	6.668	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	210364	6.663	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	249524	21.424	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	133724	6.547	ng	95
44) 2,4,5-Trichlorophenol	13.26	196	142252	6.604	ng	98
46) 1,1'-Biphenyl	13.59	154	392497	6.769	ng	98
47) 2-Chloronaphthalene	13.64	162	320439	6.437	ng	97
48) 2-Nitroaniline	13.84	65	112796	6.316	ng	98
49) Acenaphthylene	14.48	152	503056	6.715	ng	99
50) Dimethylphthalate	14.20	163	428305	6.459	ng	99
51) 2,6-Dinitrotoluene	14.33	165	93363	6.530	ng	95
52) Acenaphthene	14.82	154	286416	6.311	ng	99
53) 3-Nitroaniline	14.66	138	64343	4.501	ng	# 91
54) 2,4-Dinitrophenol	14.86	184	105538	24.681	ng	95
55) Dibenzofuran	15.15	168	503028	6.587	ng	97
56) 4-Nitrophenol	14.95	139	142606	14.543	ng	90
57) 2,4-Dinitrotoluene	15.11	165	133666	6.619	ng	# 94
58) Fluorene	15.80	166	402203	6.613	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	148146	6.998	ng	100
60) Diethylphthalate	15.56	149	434352	6.419	ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	255784	6.470	ng	95
62) 4-Nitroaniline	15.83	138	95189	6.289	ng	96
63) Azobenzene	16.08	77	401236	6.524	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	75408	14.883	ng	94
66) n-Nitrosodiphenylamine	16.00	169	365614	7.084	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	166539	6.721	ng	98
68) Hexachlorobenzene	16.79	284	175284	6.643	ng	97
69) Atrazine	16.94	200	154195	7.743	ng	99
70) Pentachlorophenol	17.14	266	206256	18.072	ng	97
71) Phenanthrene	17.54	178	672490	7.032	ng	99
72) Anthracene	17.63	178	699883	7.420	ng	100
73) Carbazole	17.90	167	598883	7.400	ng	98
74) Di-n-butylphthalate	18.43	149	713772	7.096	ng	99
75) Fluoranthene	19.54	202	896549	7.590	ng	99
77) Benzidine	19.72	184	304072	6.732	ng	98
78) Pyrene	19.90	202	902219	7.330	ng	100
80) Butylbenzylphthalate	20.77	149	338385	7.065	ng	99
81) Benzo(a)anthracene	21.76	228	893410	7.089	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	222496	5.019	ng	98
83) Chrysene	21.83	228	854964	7.089	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	461653	6.847	ng	98
85) Di-n-octyl phthalate	22.87	149	775465	6.906	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1008138	6.824	ng	# 96
88) Benzo(b)fluoranthene	24.05	252	886449	6.786	ng	100
89) Benzo(k)fluoranthene	24.12	252	863091	6.677	ng	100
90) Benzo(a)pyrene	24.96	252	861597	6.914	ng	96
91) Dibenzo(a,h)anthracene	29.02	278	824411	6.620	ng	97
92) Benzo(g,h,i)perylene	30.16	276	836223	6.912	ng	95

(#) = 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

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PB120082BS

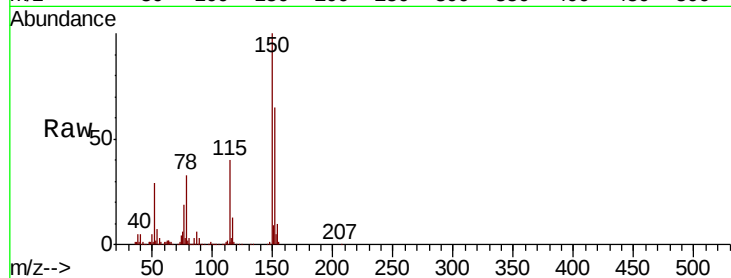
Tot Ion:152 Resp: 277993

Ion Ratio Lower Upper

152 100

150 154.5 120.6 180.8

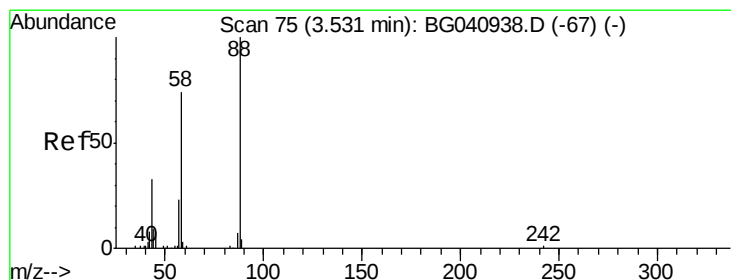
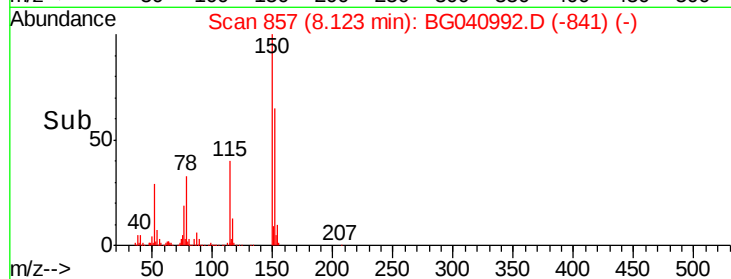
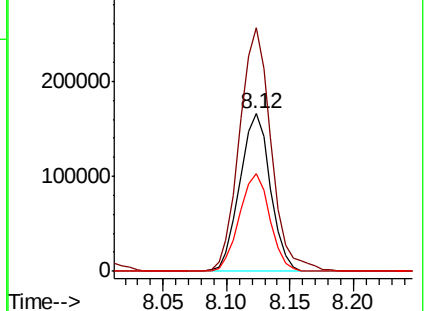
115 62.1 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 5.842 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

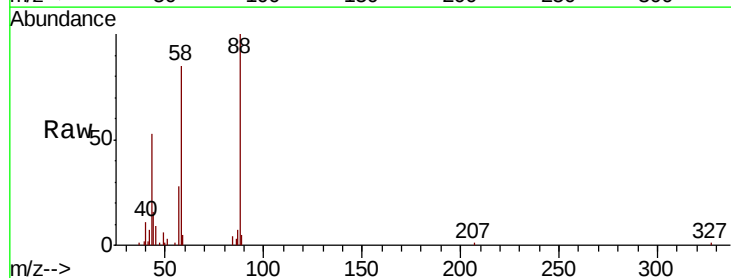
Tgt Ion: 88 Resp: 40872

Ion Ratio Lower Upper

88 100

58 83.0 59.0 88.6

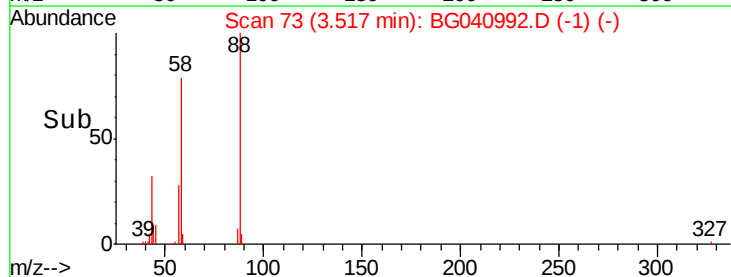
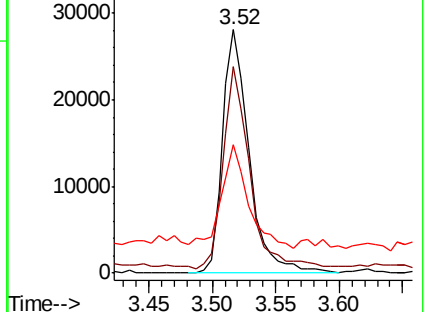
43 43.0 27.2 40.8#

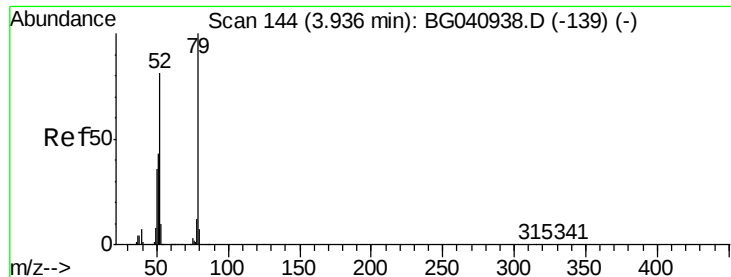


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 5.374 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

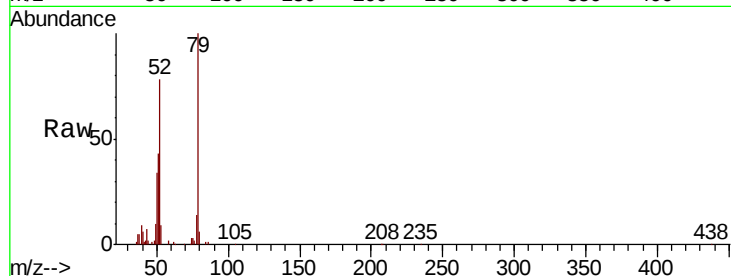
Tot Ion: 79 Resp: 111235

Ion Ratio Lower Upper

79 100

52 78.1 64.8 97.2

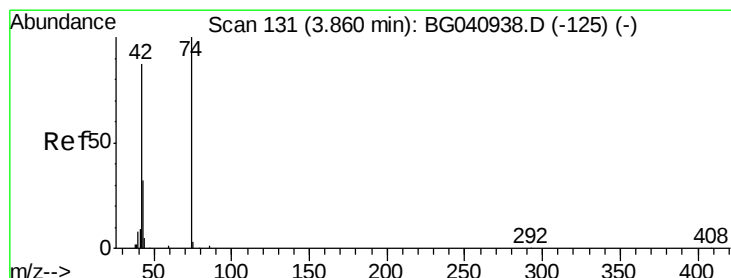
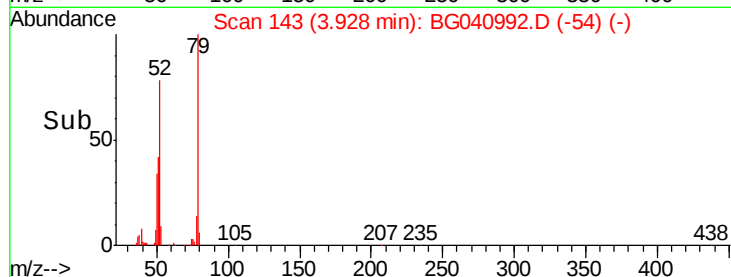
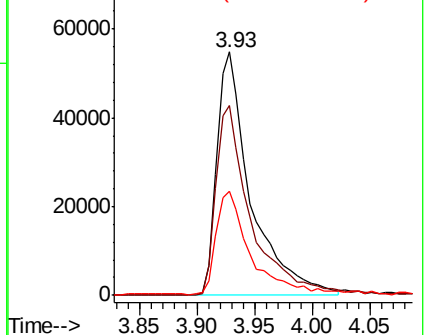
51 42.6 35.3 52.9



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: 6.400 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

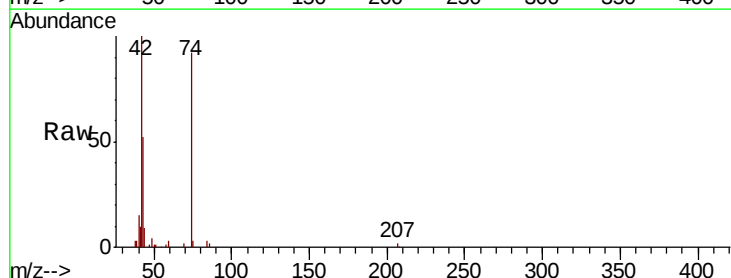
Tgt Ion: 42 Resp: 61484

Ion Ratio Lower Upper

42 100

74 91.9 91.8 137.6

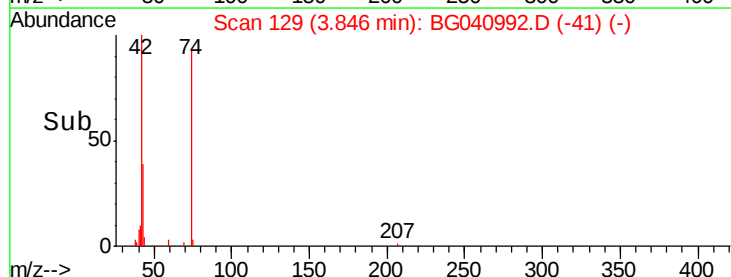
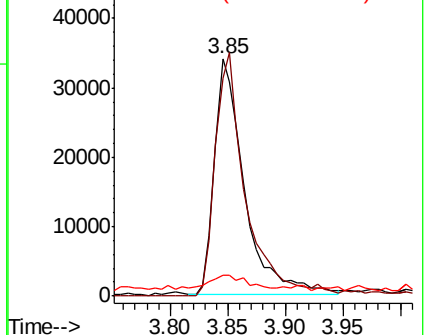
44 8.7 6.0 9.0



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: 107.452 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

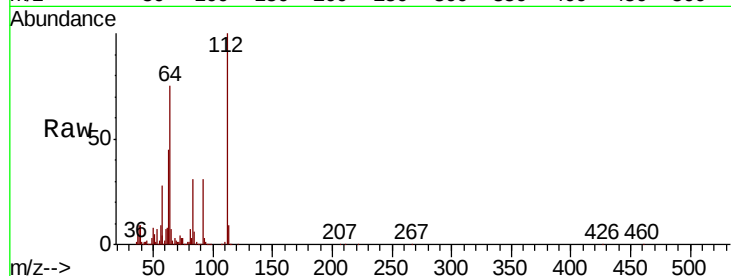
Tot Ion:112 Resp: 1656538

Ion Ratio Lower Upper

112 100

64 75.3 56.2 84.2

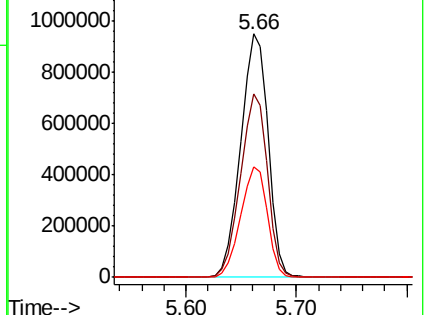
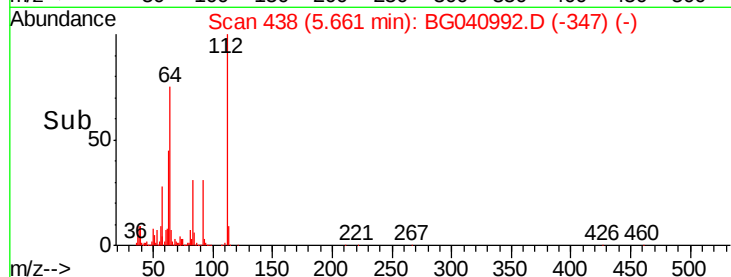
63 45.4 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.628 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

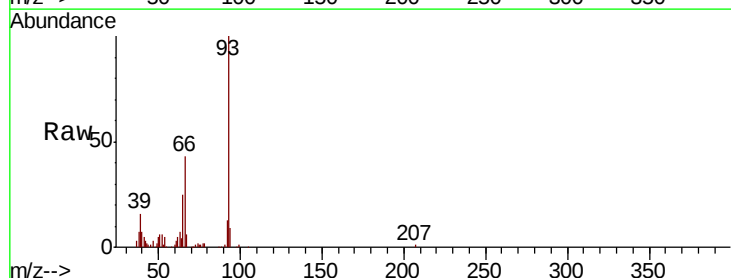
Tgt Ion: 93 Resp: 147095

Ion Ratio Lower Upper

93 100

66 43.5 33.8 50.8

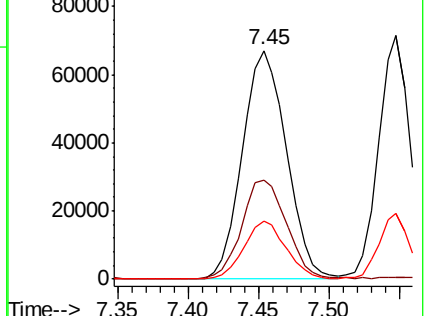
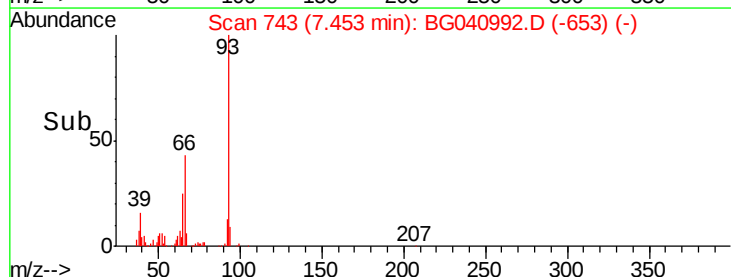
65 25.1 18.3 27.5

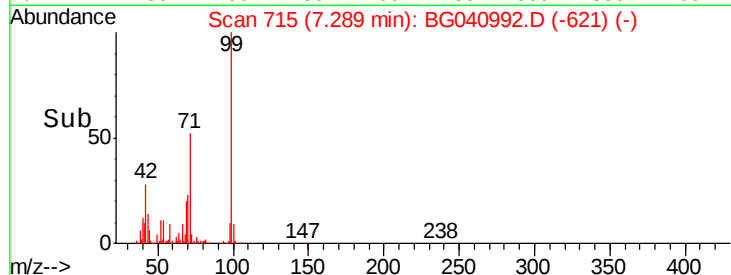
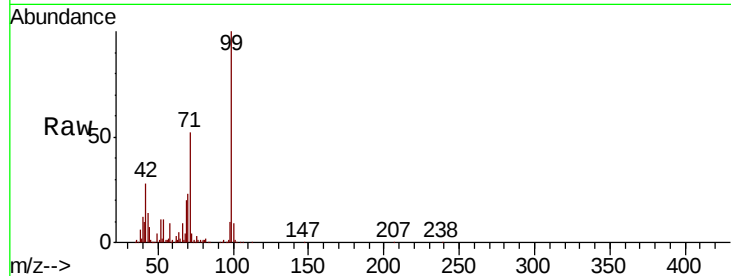
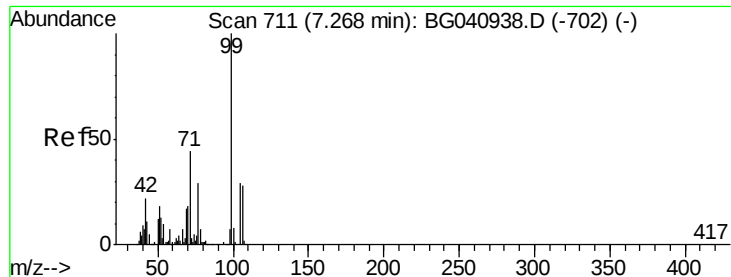


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.922 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

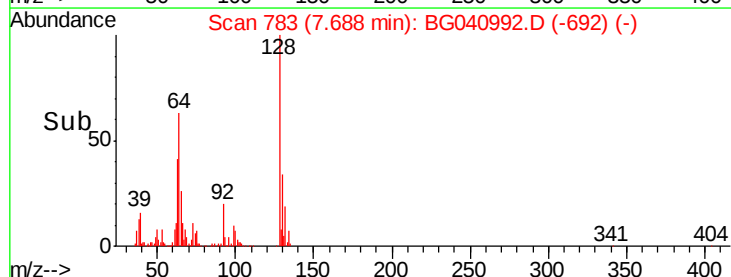
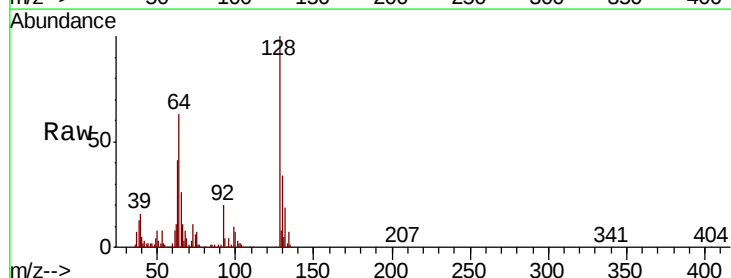
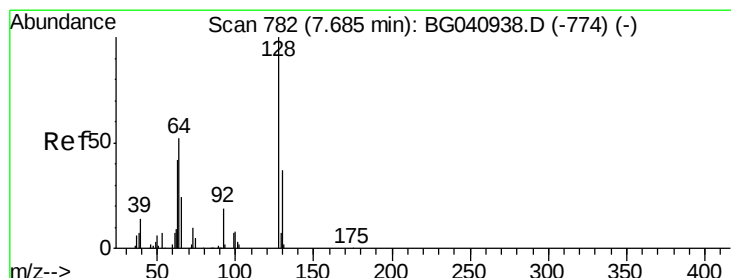
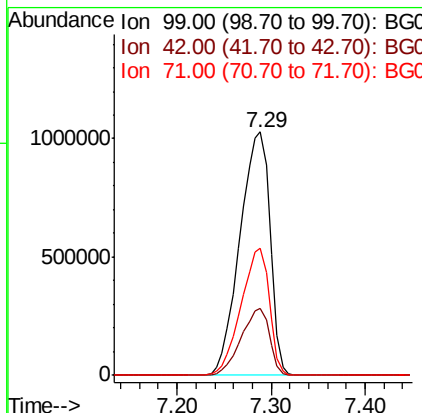
BNA_G

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Tot Ion: 99 Resp: 2283827

Ion	Ratio	Lower	Upper
99	100		
42	27.7	17.9	26.9#
71	52.2	35.4	53.0



#8

2-Chlorophenol

Concen: 6.260 ng

RT: 7.69 min Scan# 783

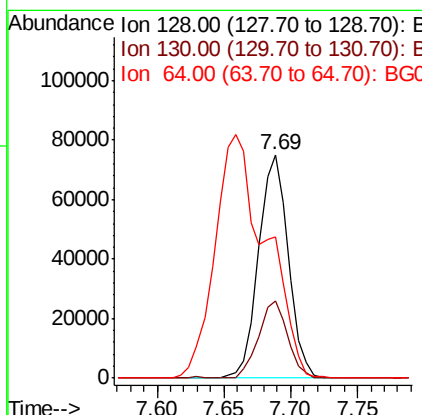
Delta R.T. 0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Tgt Ion: 128 Resp: 115053

Ion	Ratio	Lower	Upper
128	100		
130	34.4	16.6	56.6
64	63.0	37.8	77.8





#9

Benzaldehyde

Concen: 4.191 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

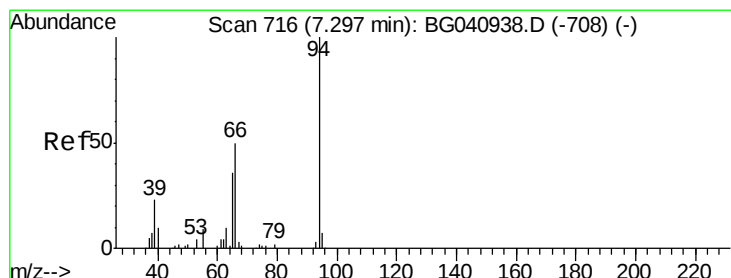
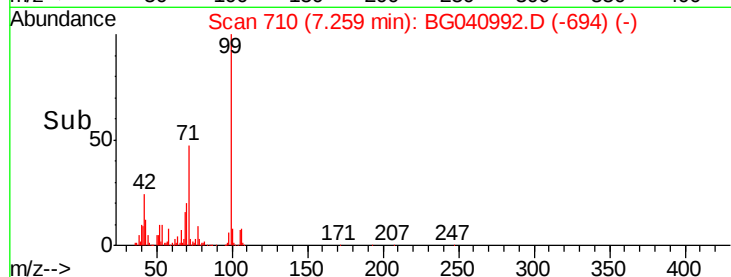
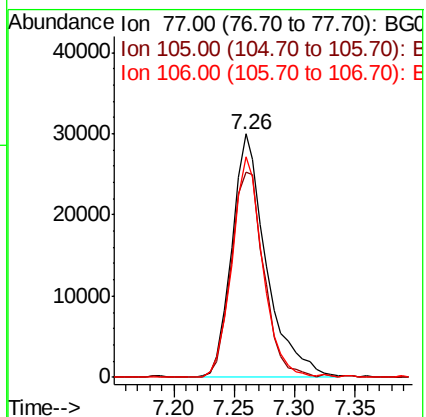
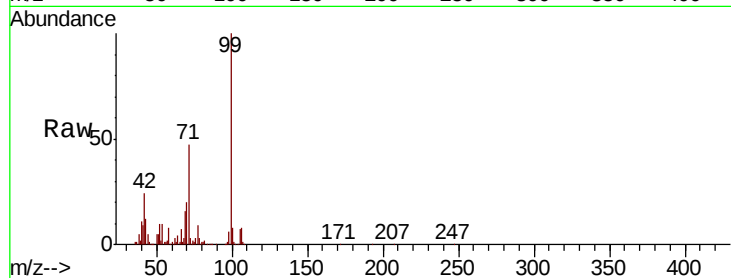
Tot Ion: 77 Resp: 59528

Ion Ratio Lower Upper

77 100

105 84.1 78.9 118.9

106 90.8 76.7 116.7



#10

Phenol

Concen: 6.105 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

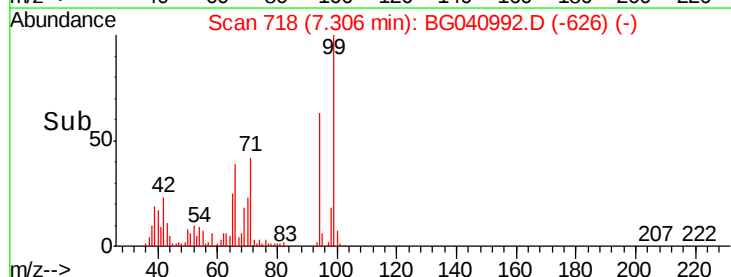
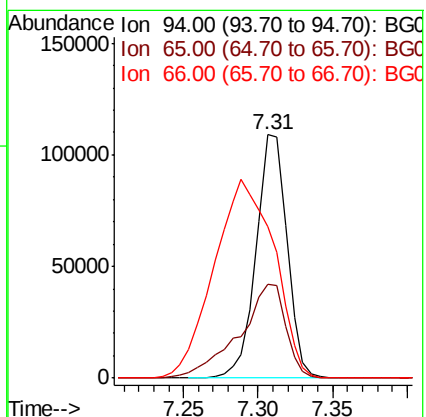
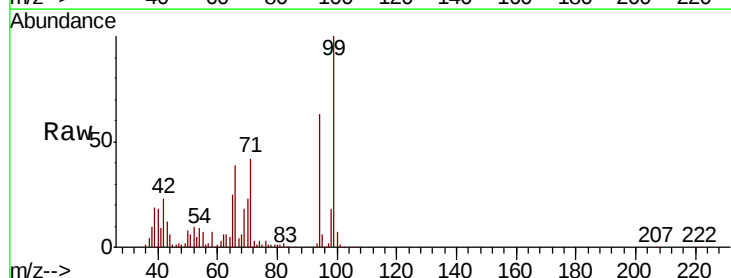
Tgt Ion: 94 Resp: 155849

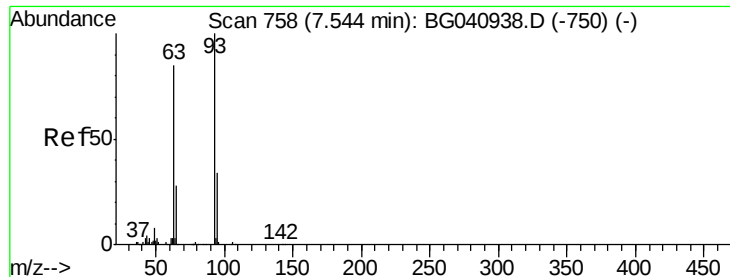
Ion Ratio Lower Upper

94 100

65 38.8 17.0 57.0

66 62.1 32.4 72.4

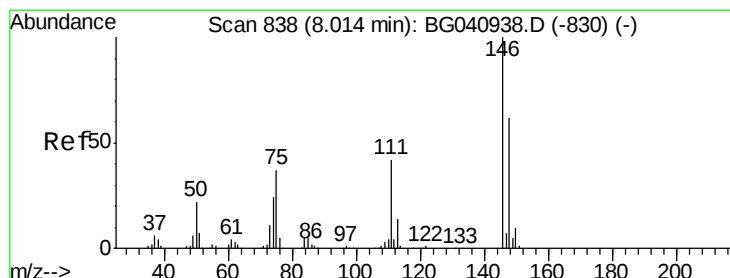
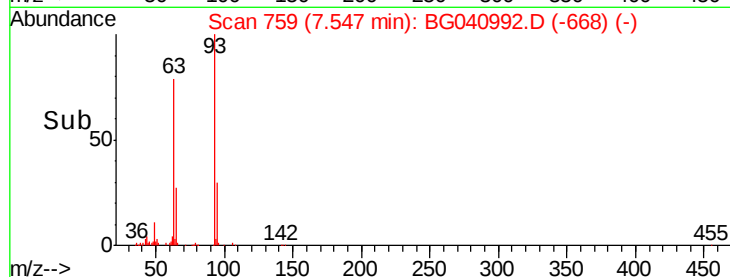
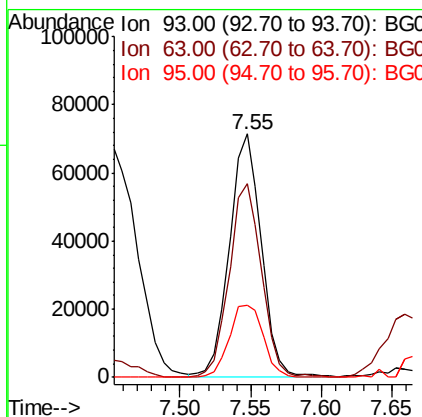
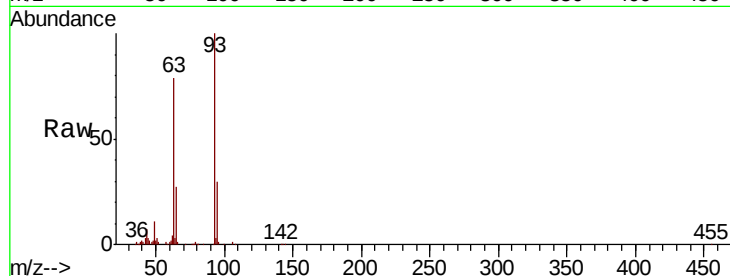




#11
bis(2-Chloroethyl)ether
Concen: 6.032 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

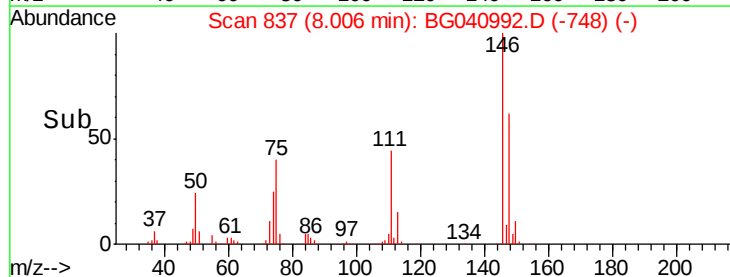
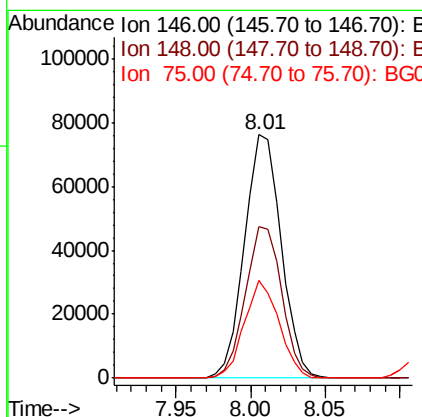
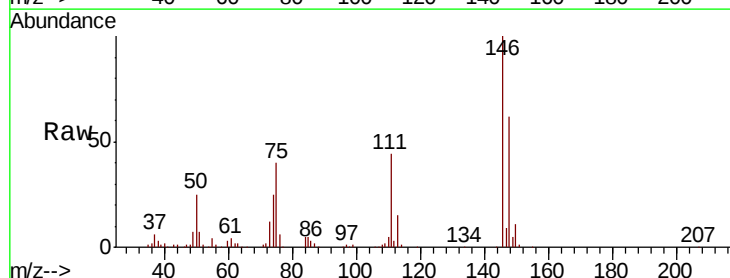
Instrument :
BNA_G
ClientSampleId :
PB120082BS

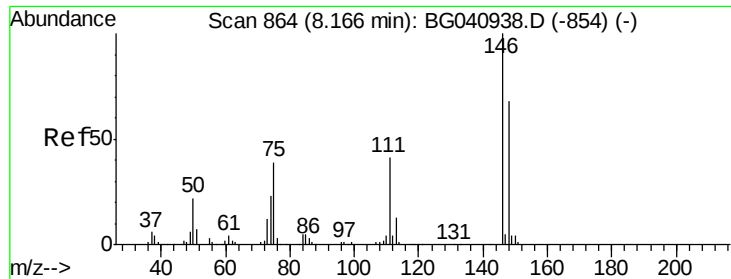
Tot Ion: 93 Resp: 111707
Ion Ratio Lower Upper
93 100
63 79.4 64.5 104.5
95 29.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 5.905 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion: 146 Resp: 129618
Ion Ratio Lower Upper
146 100
148 62.3 49.2 73.8
75 40.2 29.4 44.0

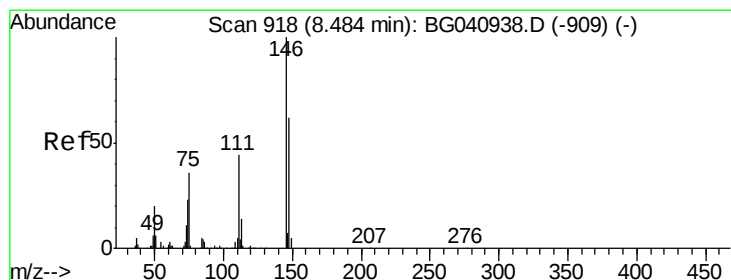
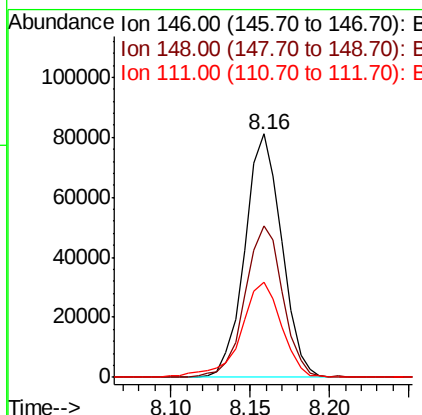
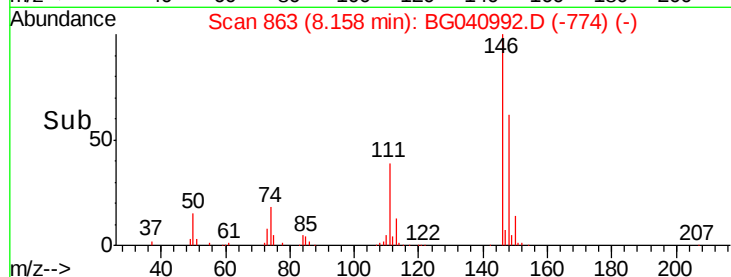
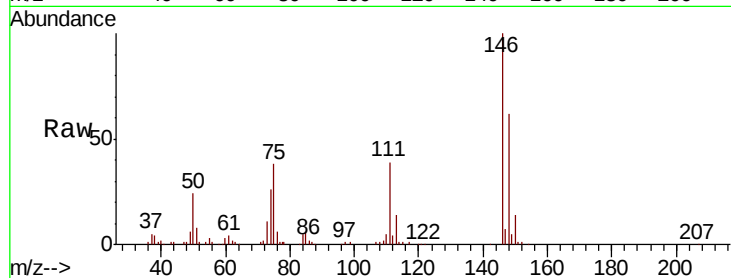




#13
 1,4-Dichlorobenzene
 Concen: 5.881 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

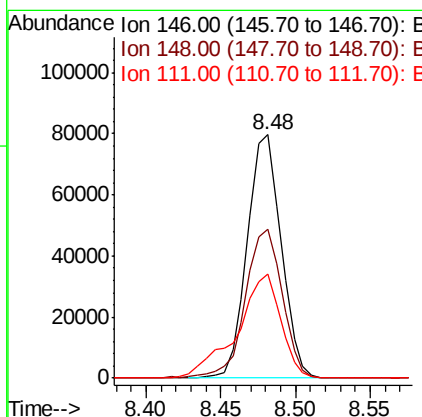
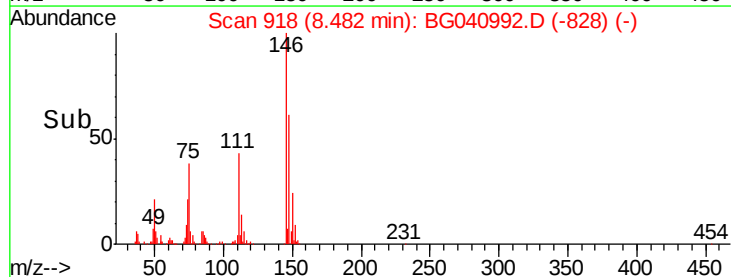
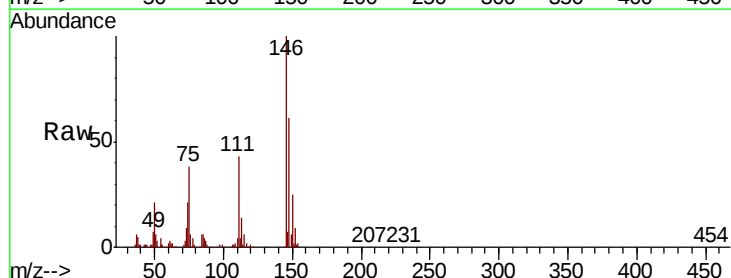
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

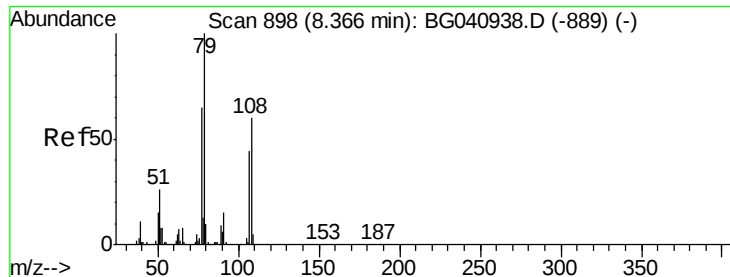
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	54.2	81.4
111	38.8	32.9	49.3



#14
 1,2-Dichlorobenzene
 Concen: 5.787 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.8	74.6
111	42.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 6.141 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampled :

PB120082BS

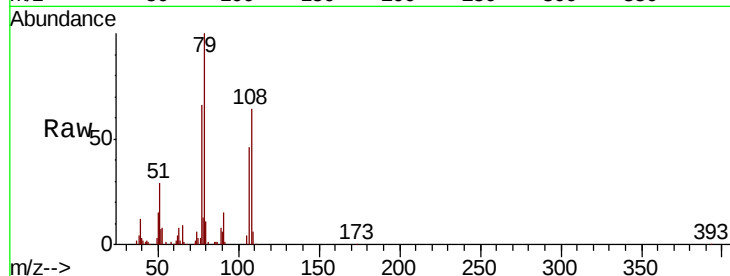
Tot Ion: 79 Resp: 135252

Ion Ratio Lower Upper

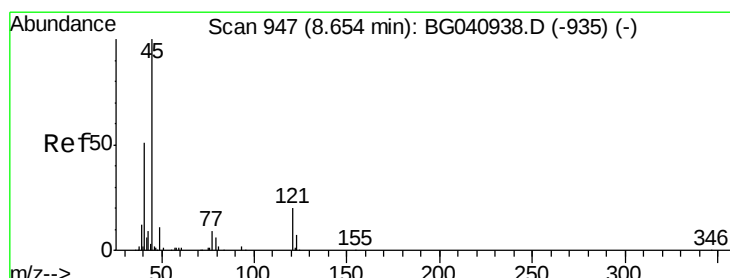
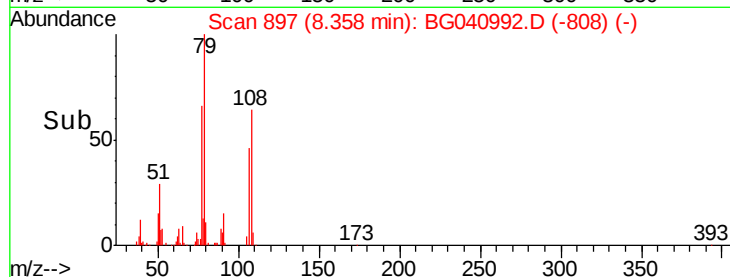
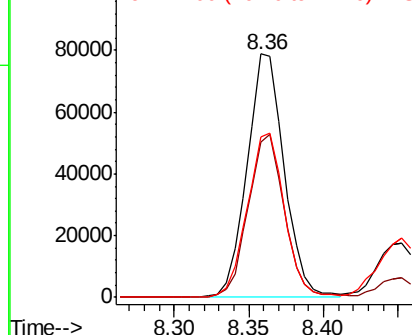
79 100

108 64.0 48.3 72.5

77 66.0 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: 5.934 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

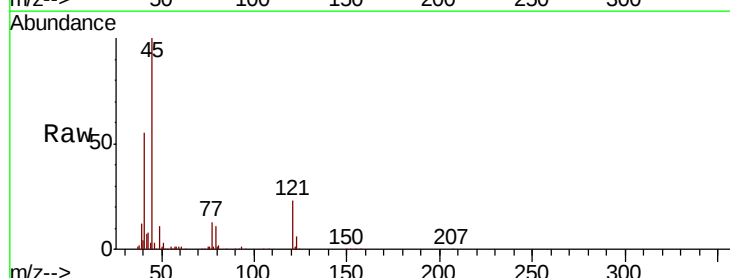
Tgt Ion: 45 Resp: 179568

Ion Ratio Lower Upper

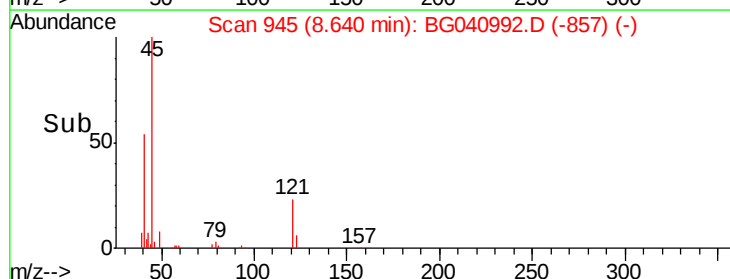
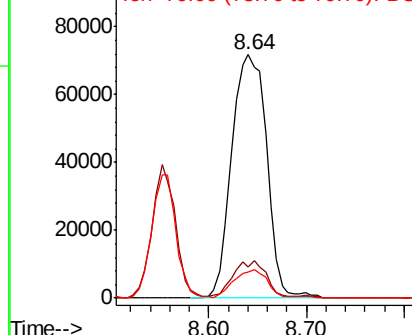
45 100

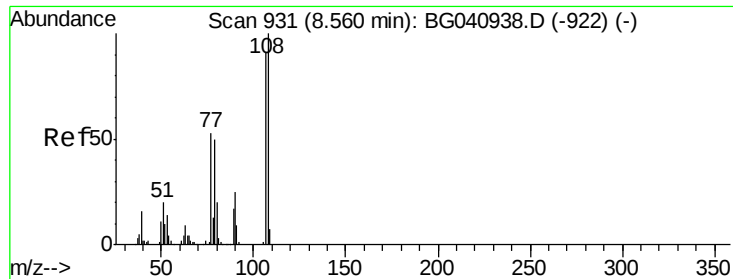
77 12.7 0.0 33.7

79 10.8 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

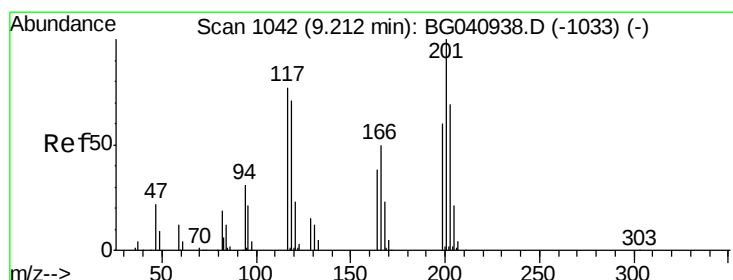
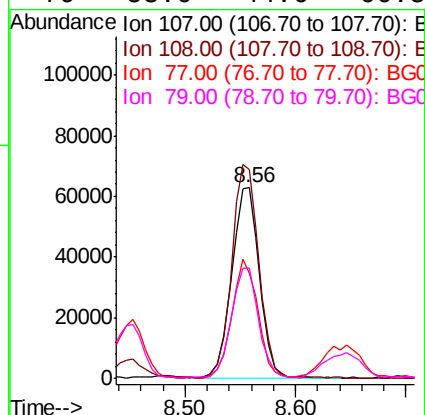
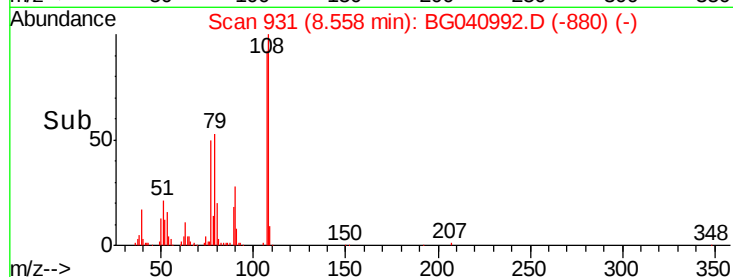
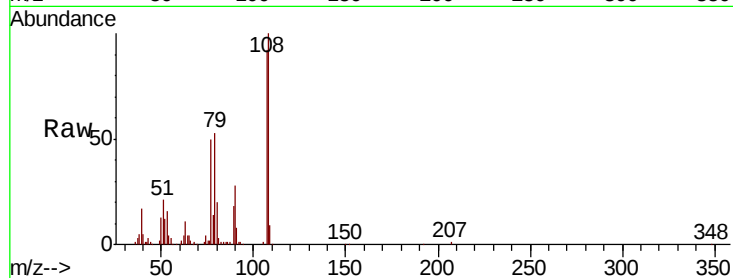




#17
2-Methylphenol
Concen: 5.974 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

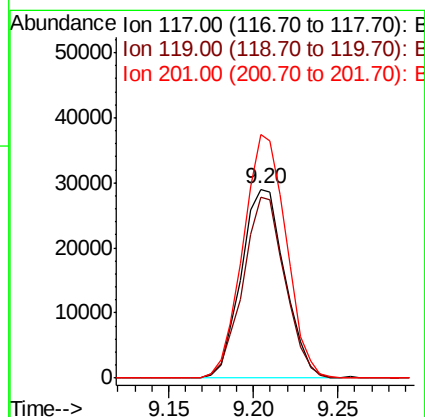
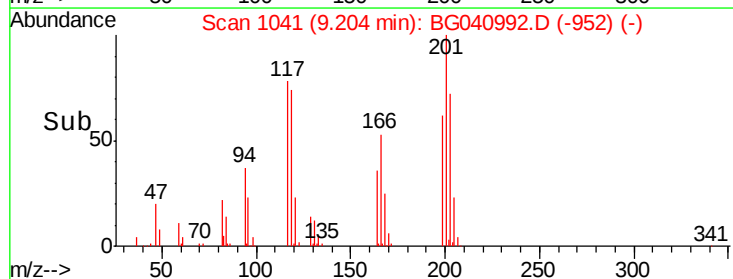
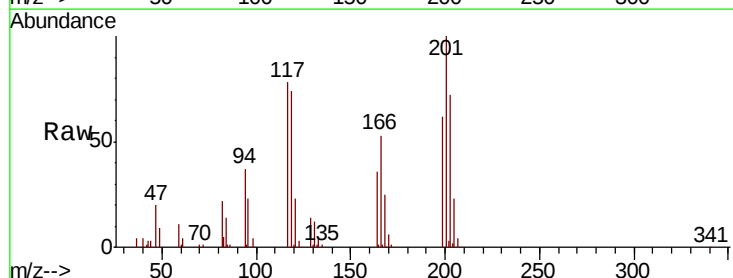
Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.7	131.5
77	54.8	46.6	70.0
79	58.0	44.6	66.8



#18
Hexachloroethane
Concen: 6.080 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.6
201	129.0	103.5	155.3

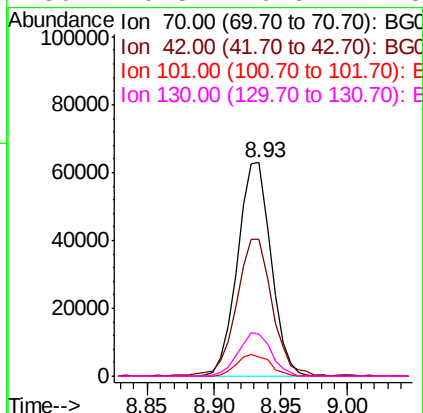
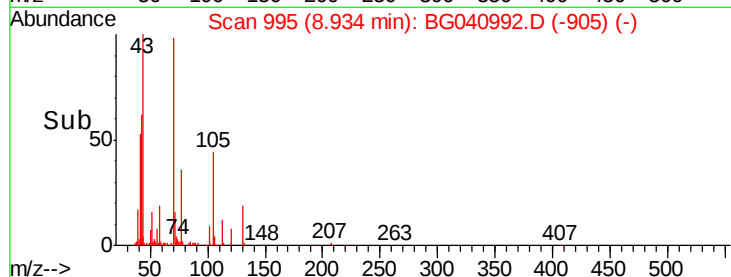
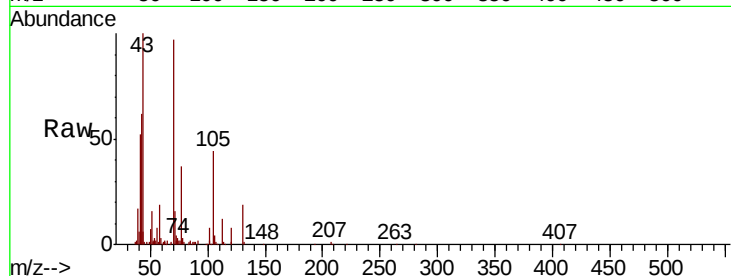




#19
n-Nitroso-di-n-propylamine
Concen: 5.962 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

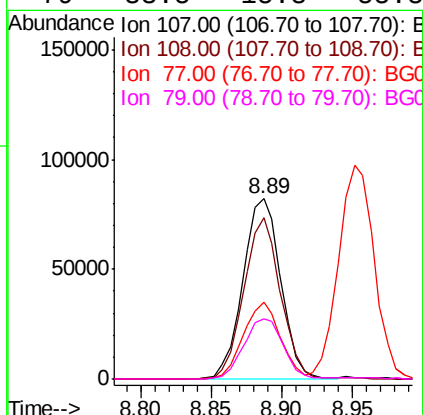
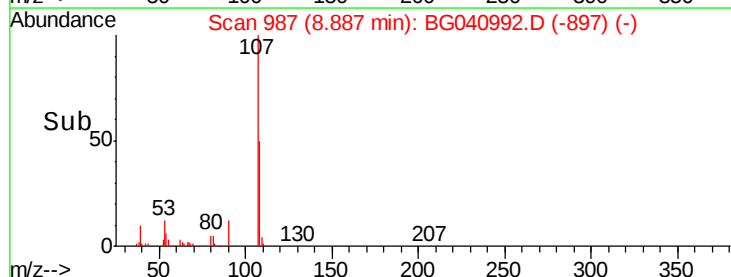
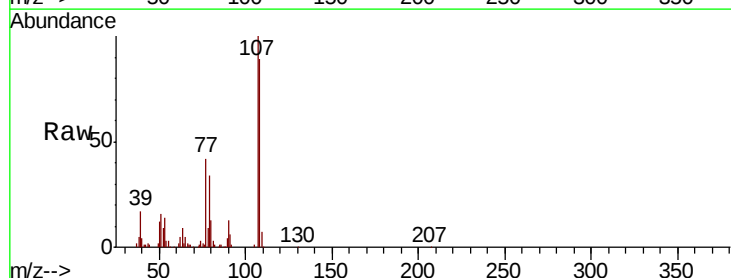
Instrument :
BNA_G
ClientSampleId :
PB120082BS

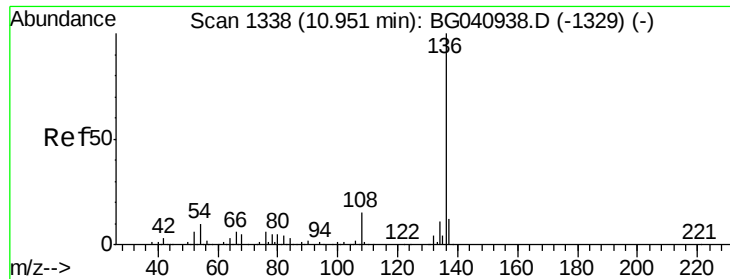
Tot Ion:	70	Resp:	109241
Ion	Ratio	Lower	Upper
70	100		
42	63.8	51.5	77.3
101	8.7	8.1	12.1
130	19.8	16.6	24.8



#20
3+4-Methylphenols
Concen: 6.028 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion:	107	Resp:	154329
Ion	Ratio	Lower	Upper
107	100		
108	89.5	66.8	106.8
77	42.4	20.5	60.5
79	33.5	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

Tot Ion:136 Resp: 1065542

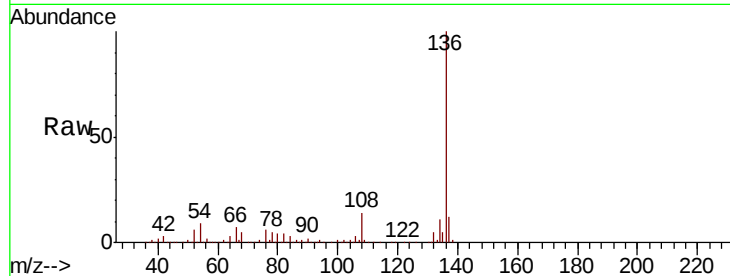
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	9.5	7.6	11.4
68	5.2	3.9	5.9

136 100

137 12.4 9.5 14.3

54 9.5 7.6 11.4

68 5.2 3.9 5.9

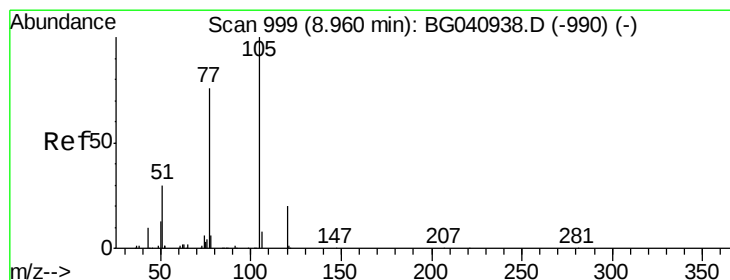
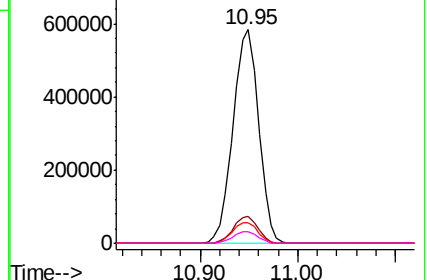
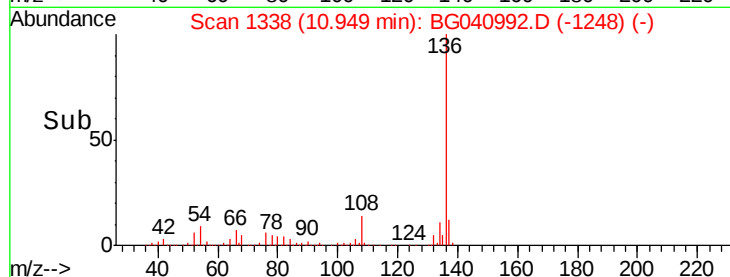


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 6.738 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Tgt Ion:105 Resp: 201395

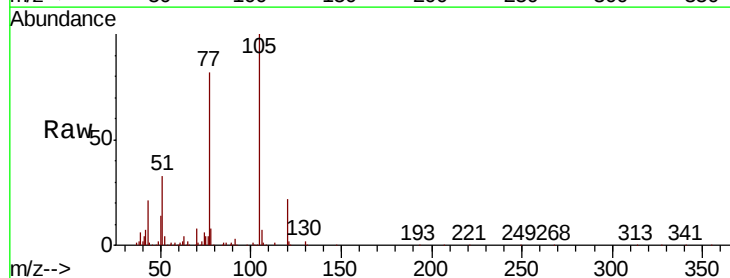
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.4	0.6#
51	32.7	27.0	40.6
120	21.7	16.2	24.4

105 100

71 1.0 0.4 0.6#

51 32.7 27.0 40.6

120 21.7 16.2 24.4

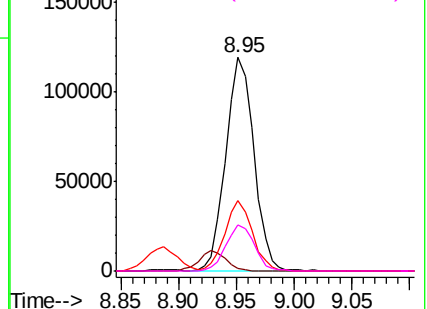
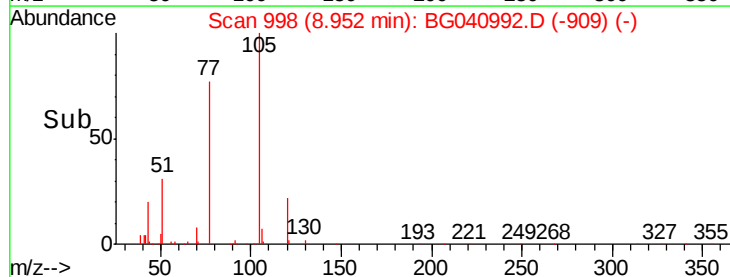


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

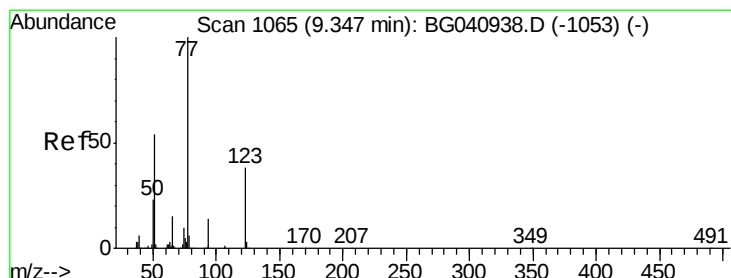
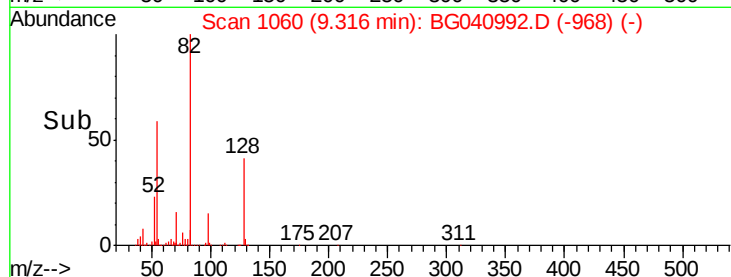
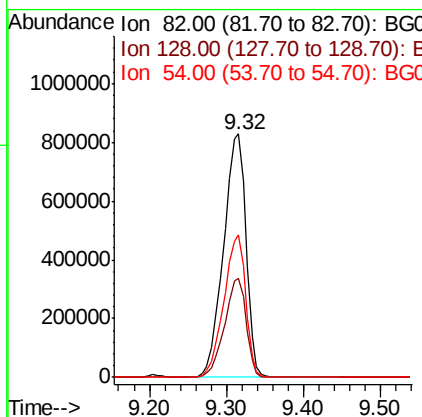
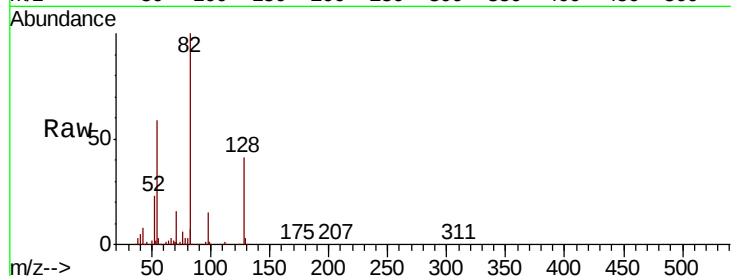




#23
 Nitrobenzene-d5
 Concen: 69.875 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

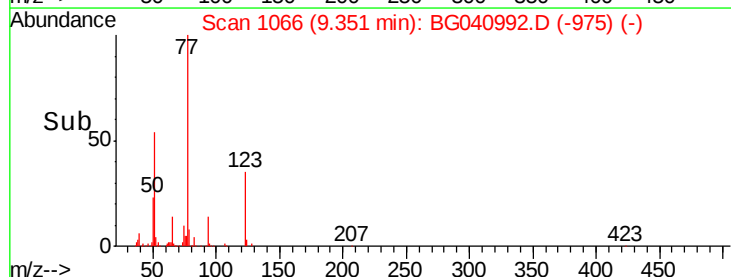
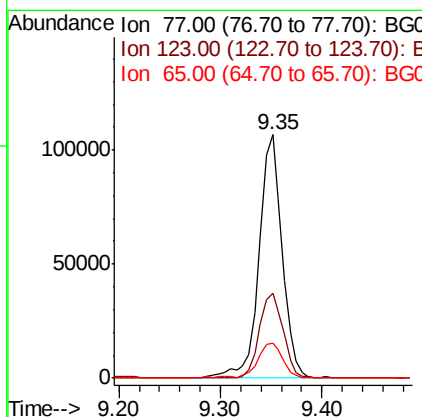
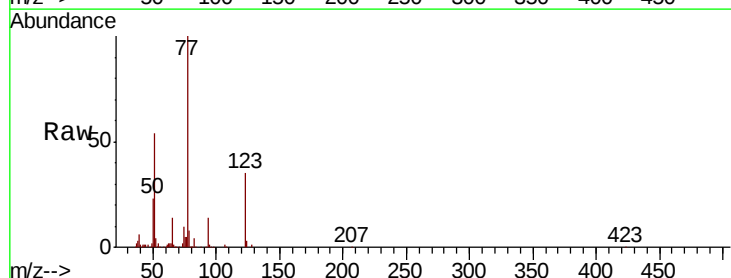
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Tot Ion: 82 Resp: 1677153
 Ion Ratio Lower Upper
 82 100
 128 40.7 30.5 45.7
 54 58.7 44.6 66.8



#24
 Nitrobenzene
 Concen: 6.889 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion: 77 Resp: 168509
 Ion Ratio Lower Upper
 77 100
 123 35.0 30.6 46.0
 65 14.4 12.3 18.5





#25

Isophorone

Concen: 6.788 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

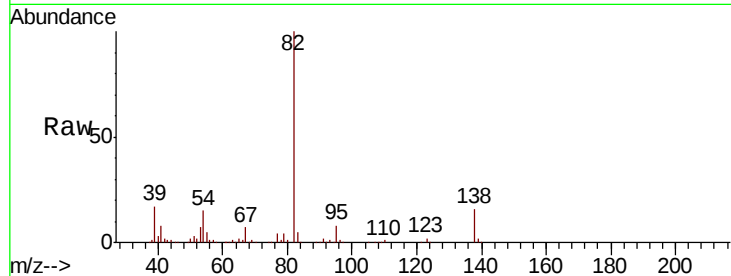
Tot Ion: 82 Resp: 310064

Ion Ratio Lower Upper

82 100

95 8.0 7.0 10.4

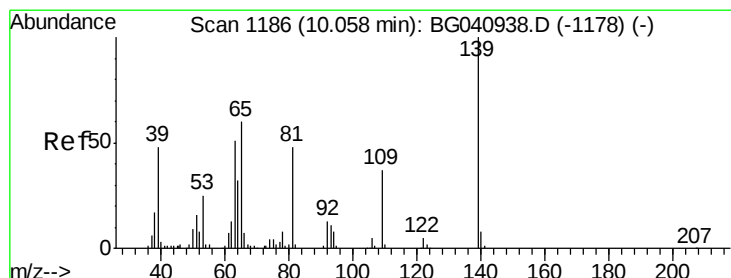
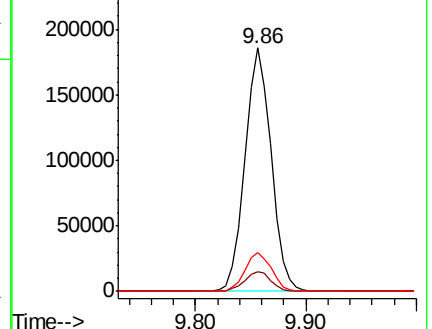
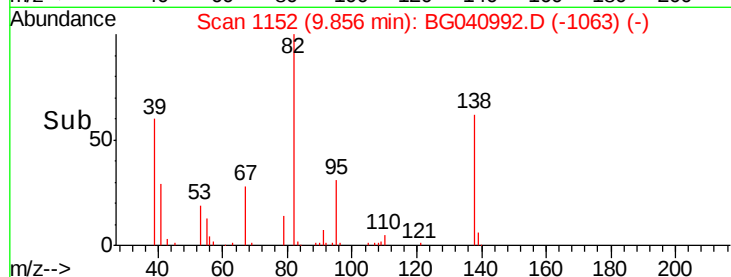
138 15.7 12.6 19.0



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: 7.021 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

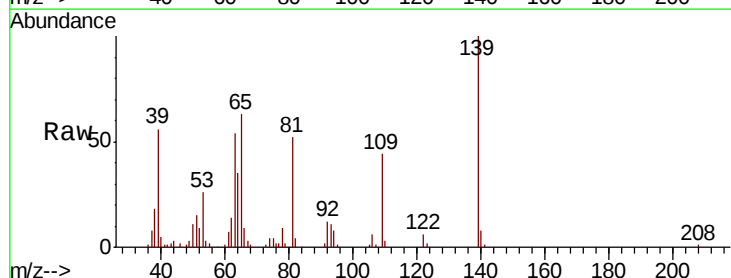
Tgt Ion: 139 Resp: 70796

Ion Ratio Lower Upper

139 100

109 44.2 29.8 44.6

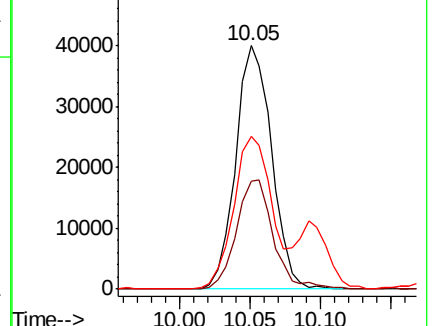
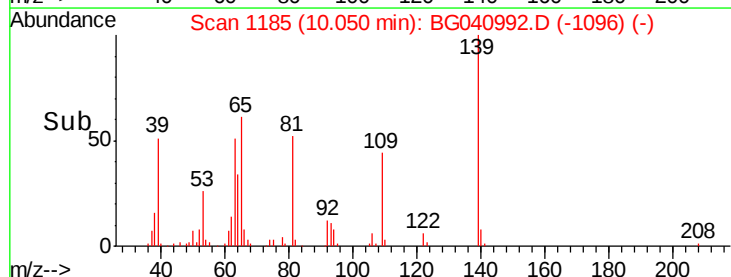
65 62.6 47.8 71.6

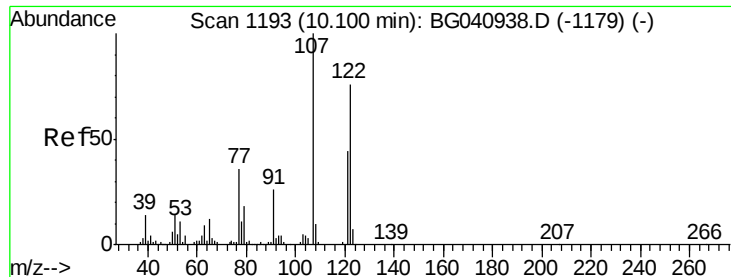


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

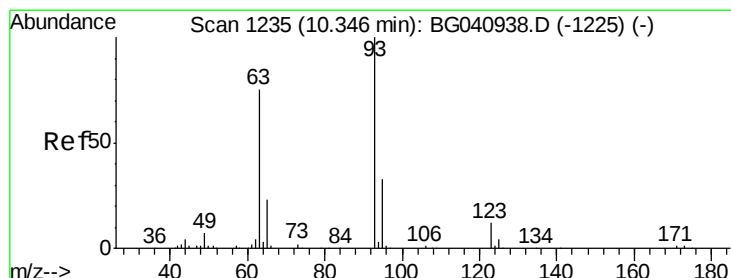
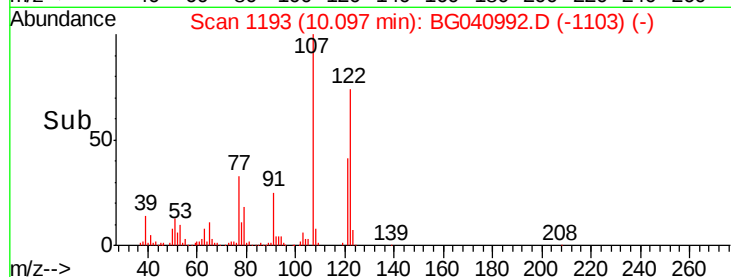
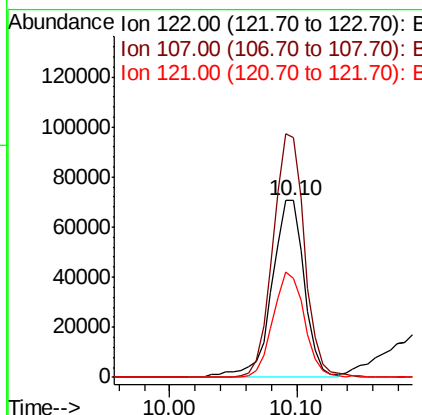
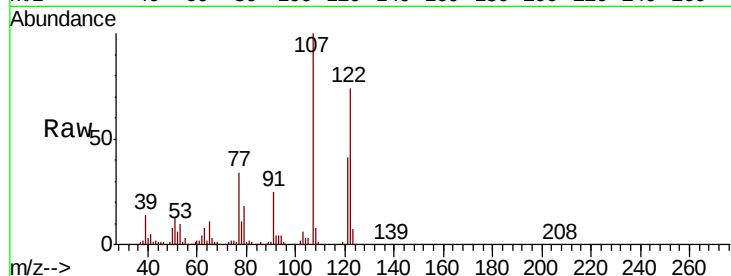




#27
2,4-Dimethylphenol
Concen: 7.546 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

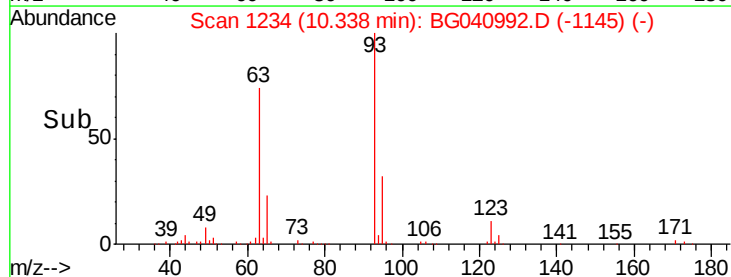
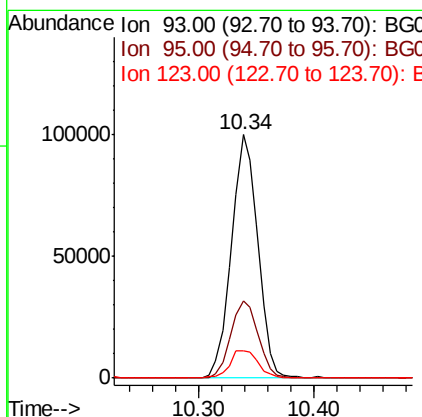
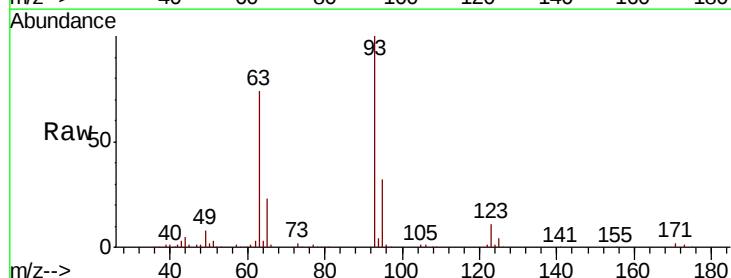
Instrument :
BNA_G
ClientSampleId :
PB120082BS

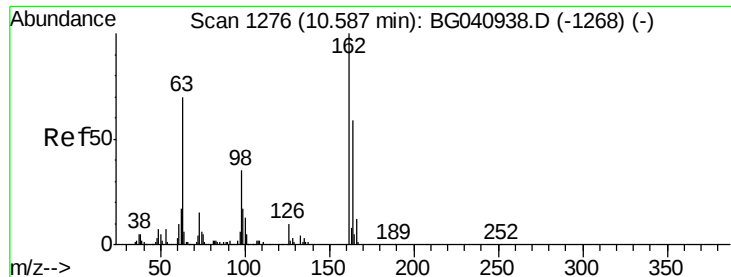
Tot Ion:122 Resp: 125674
Ion Ratio Lower Upper
122 100
107 135.6 105.9 158.9
121 56.0 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 6.397 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion: 93 Resp: 157703
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.2
123 11.3 9.5 14.3

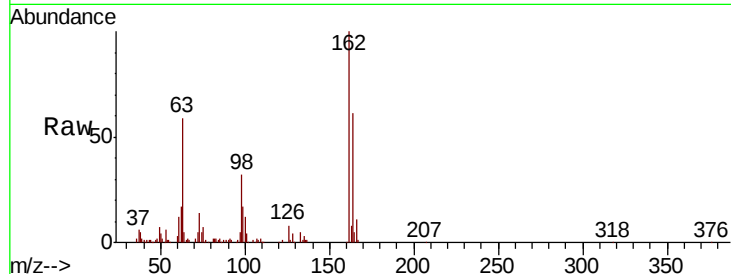




#29
 2,4-Dichlorophenol
 Concen: 6.576 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	39.4	79.4
98	31.6	15.3	55.3

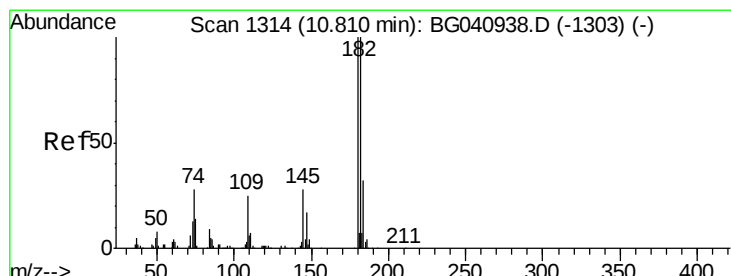
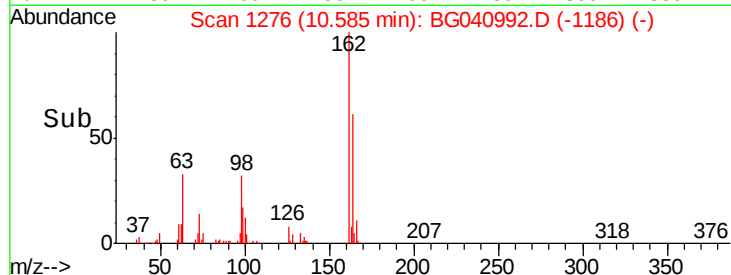
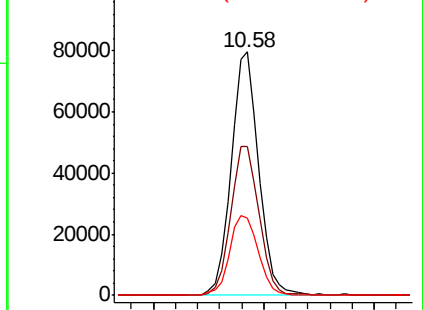


Abundance

Ion 162.00 (161.70 to 162.70): E

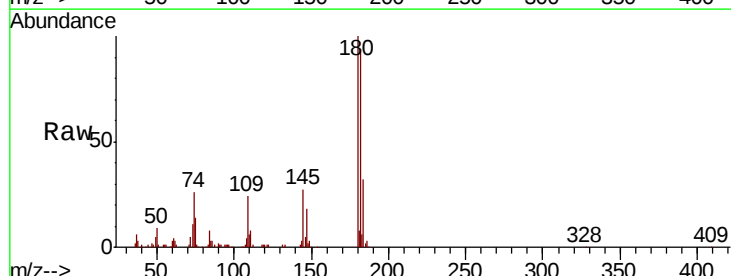
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 6.535 ng
 RT: 10.80 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	79.7	119.5
145	26.8	22.6	34.0

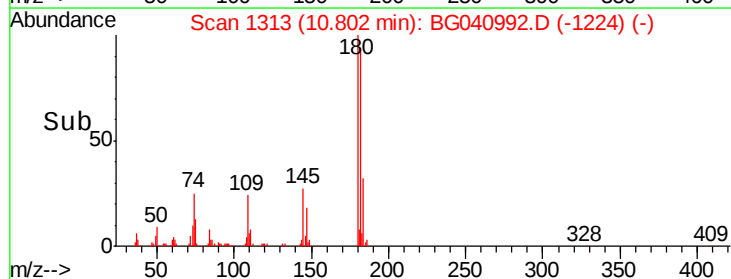
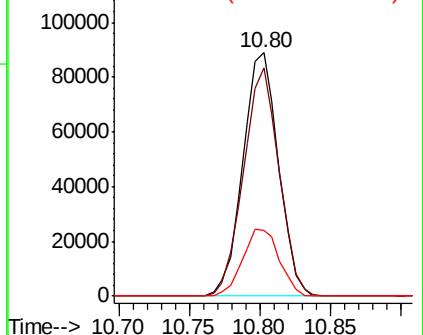


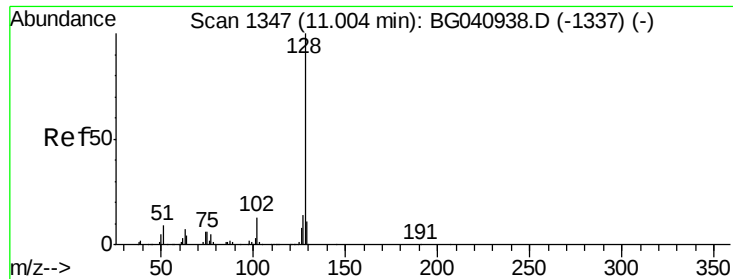
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

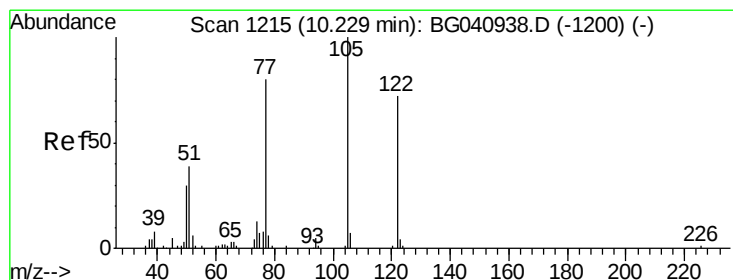
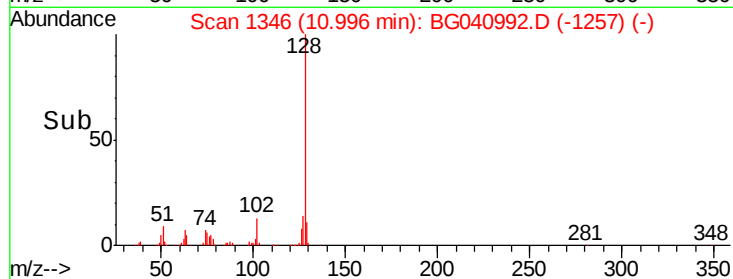
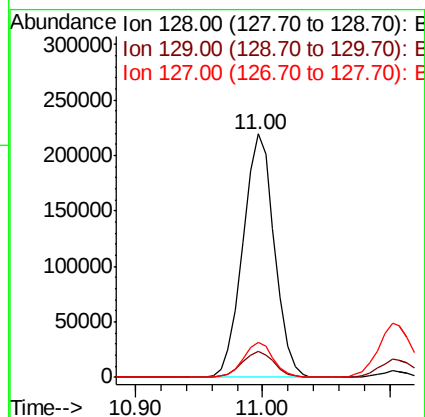
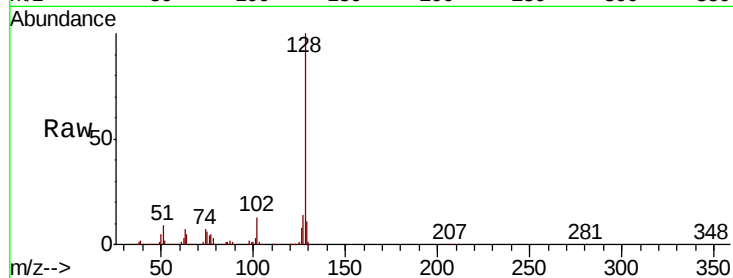




#31
Naphthalene
Concen: 6.586 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

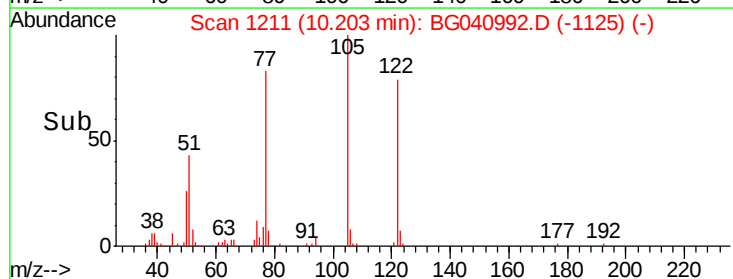
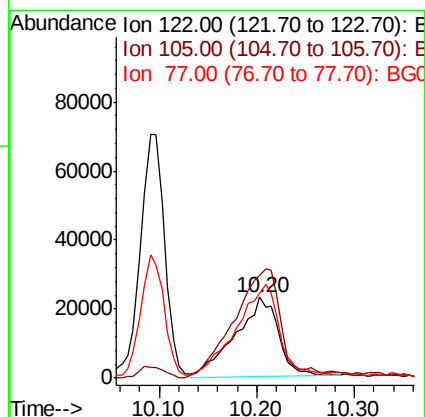
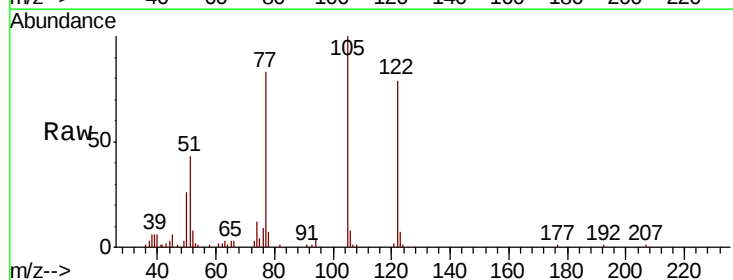
Instrument :
BNA_G
ClientSampleId :
PB120082BS

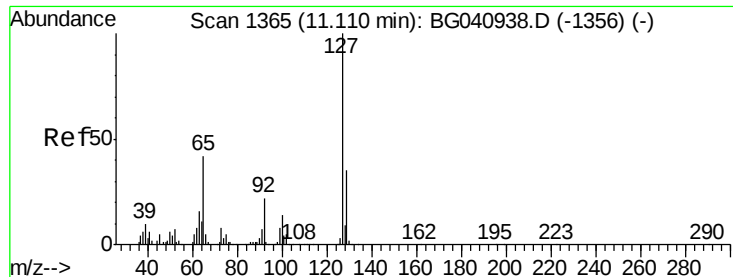
Tot Ion:128 Resp: 376785
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 14.4 11.4 17.2



#32
Benzoic acid
Concen: 12.676 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.03 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion:122 Resp: 70874
Ion Ratio Lower Upper
122 100
105 126.8 114.8 154.8
77 105.1 89.9 129.9

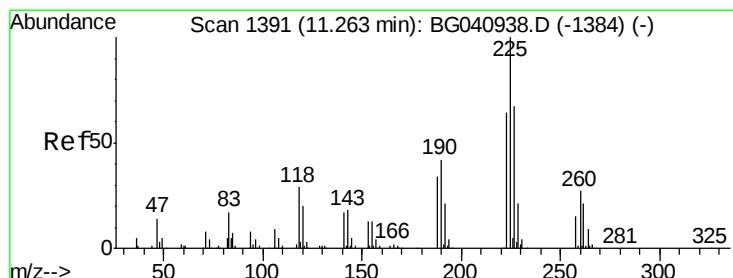
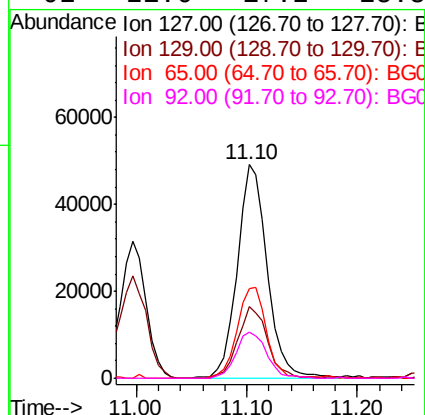
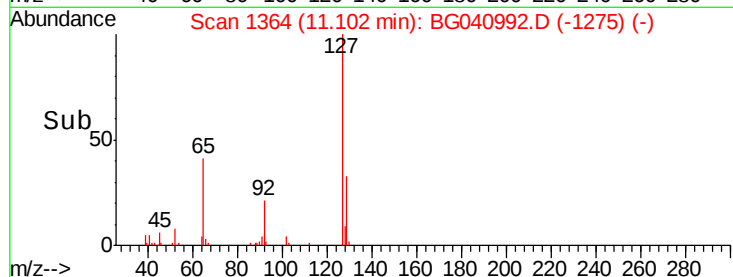
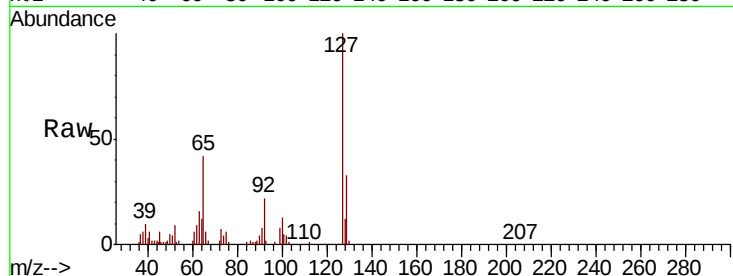




#33
4-Chloroaniline
Concen: 3.524 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

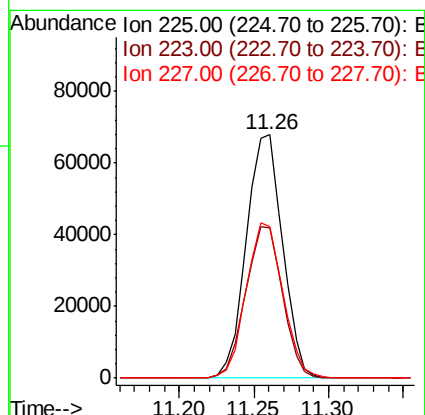
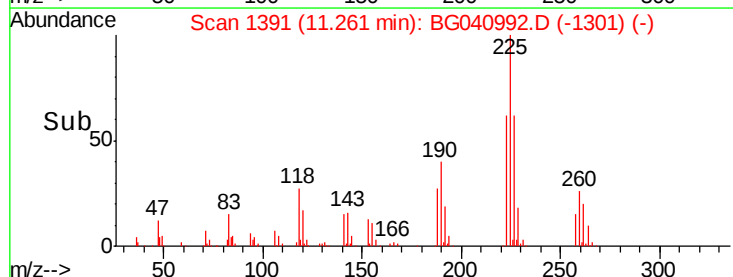
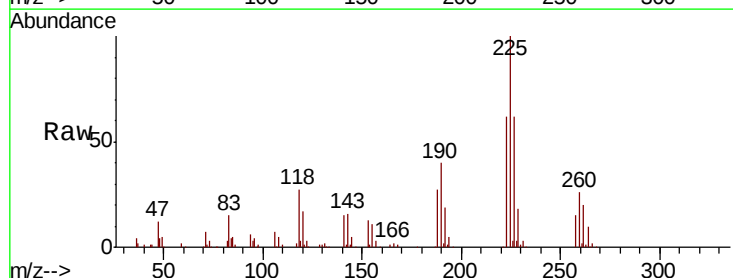
Instrument :
BNA_G
ClientSampleId :
PB120082BS

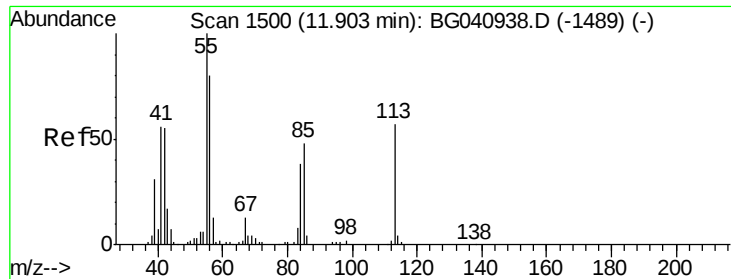
Tot Ion:	127	Resp:	93547
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.7	41.5
65	42.1	33.2	49.8
92	21.6	17.2	25.8



#34
Hexachlorobutadiene
Concen: 6.192 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion:	225	Resp:	113991
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.8	73.2
227	62.2	51.4	77.0

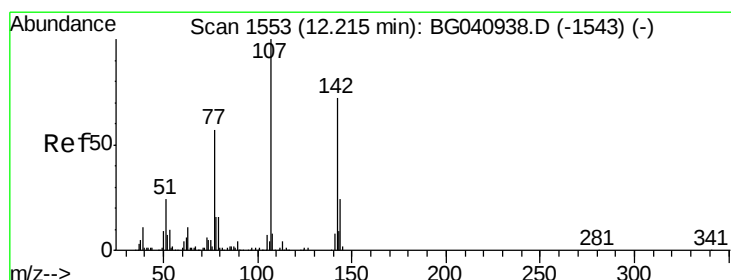
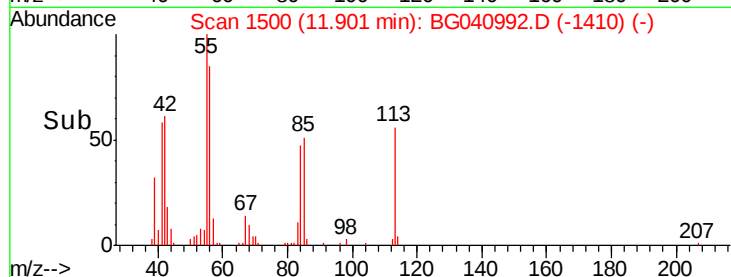
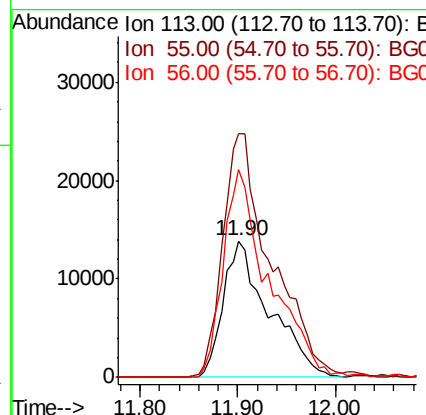
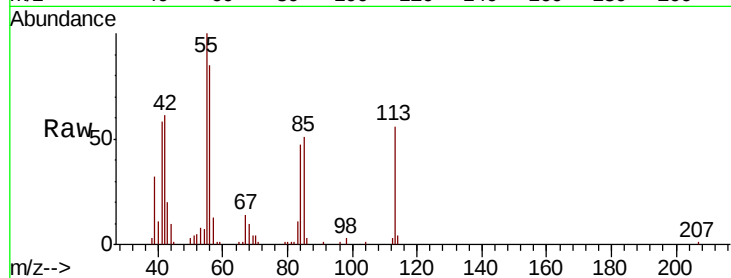




#35
 Caprolactam
 Concen: 6.517 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

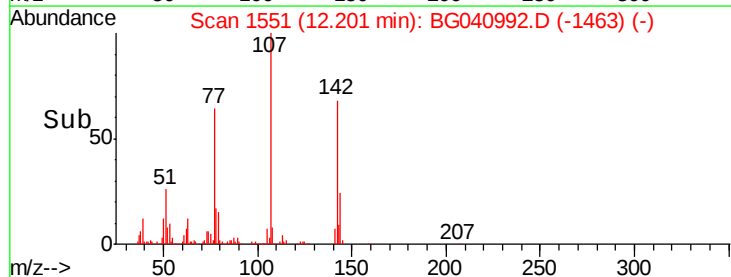
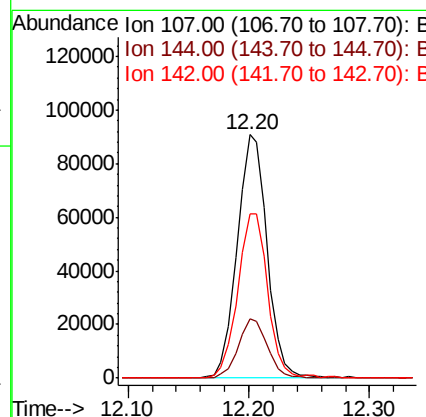
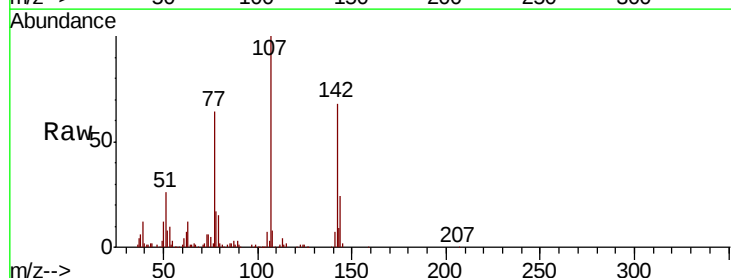
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

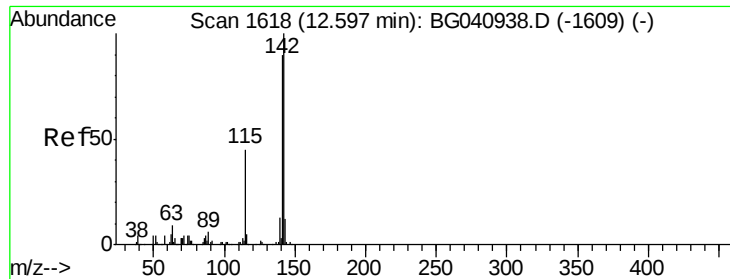
Tot Ion:113 Resp: 45510
 Ion Ratio Lower Upper
 113 100
 55 178.7 155.9 195.9
 56 152.3 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 6.474 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion:107 Resp: 156358
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.4 29.0
 142 67.7 57.3 85.9

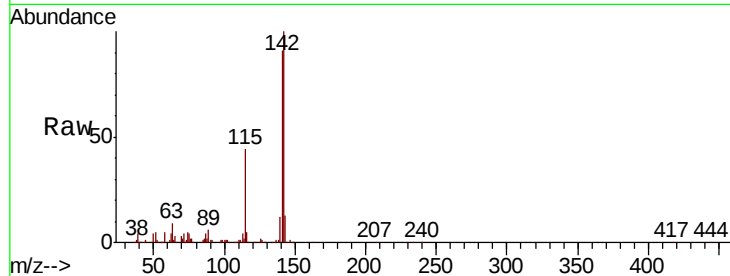




#37
2-Methylnaphthalene
Concen: 6.546 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.2	108.4
115	43.8	36.2	54.4

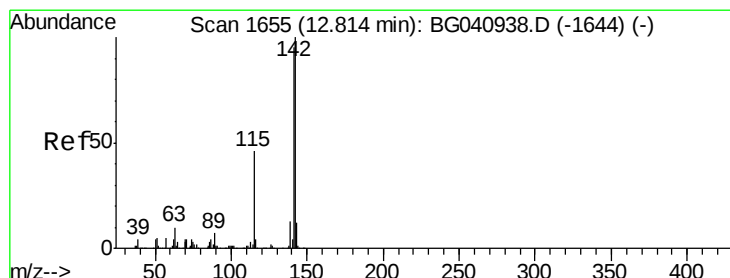
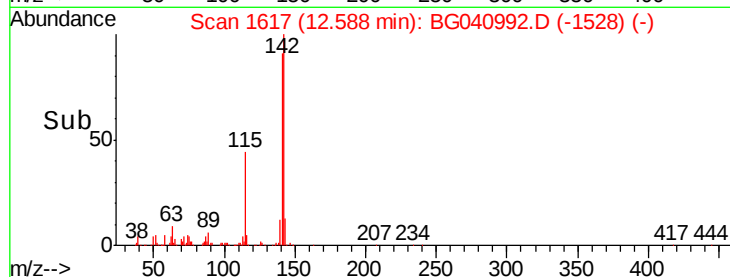
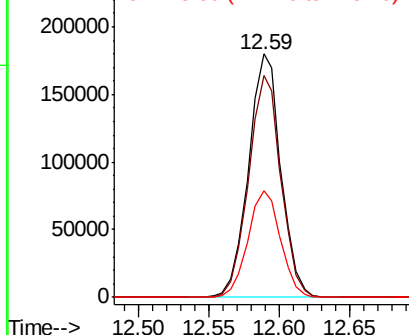


Abundance

Ion 142.00 (141.70 to 142.70): E

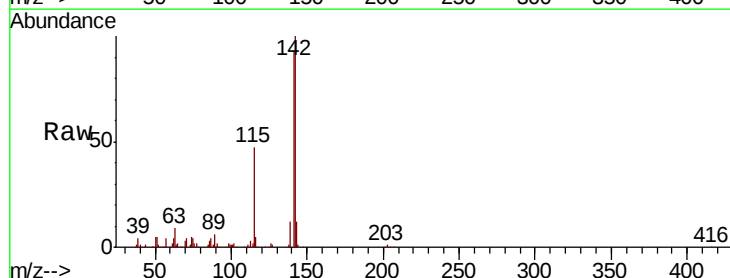
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 6.668 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.7	113.5
116	4.7	3.4	5.2

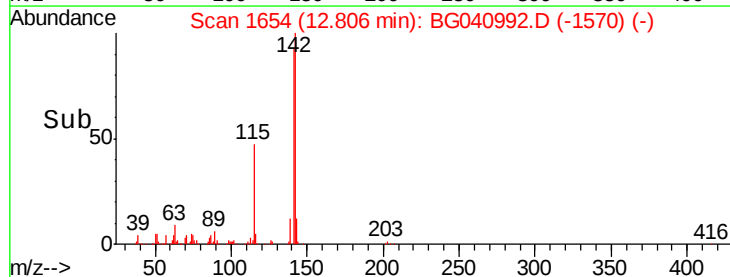
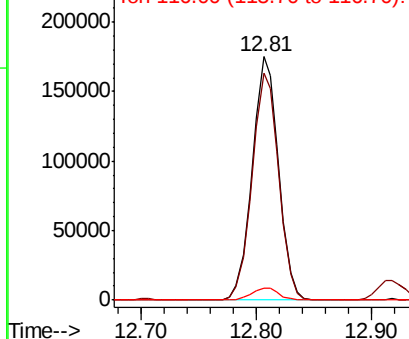


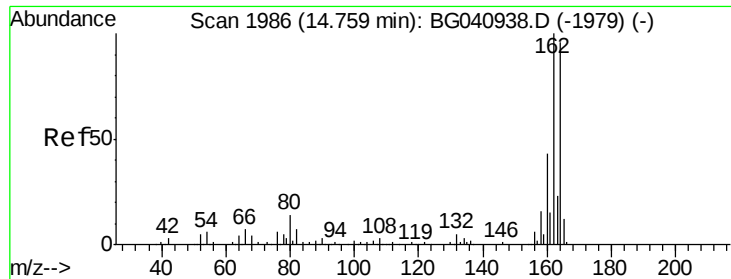
Abundance

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: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

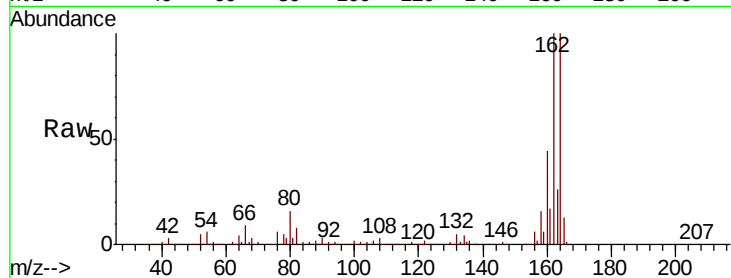
Tot Ion:164 Resp: 783339

Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.4

160 44.5 35.6 53.4

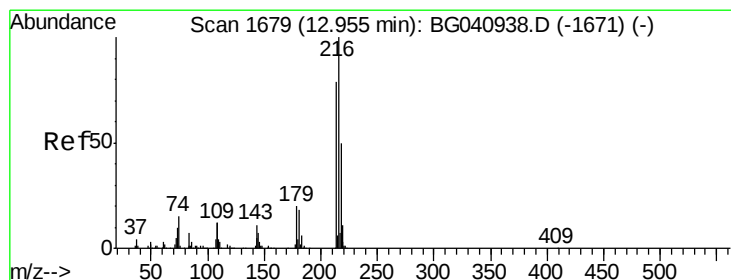
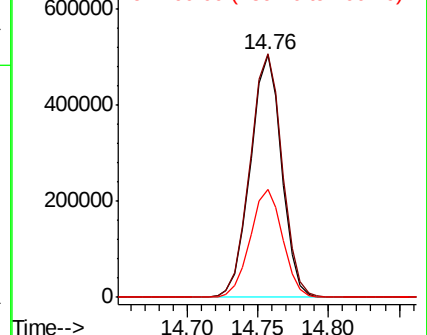
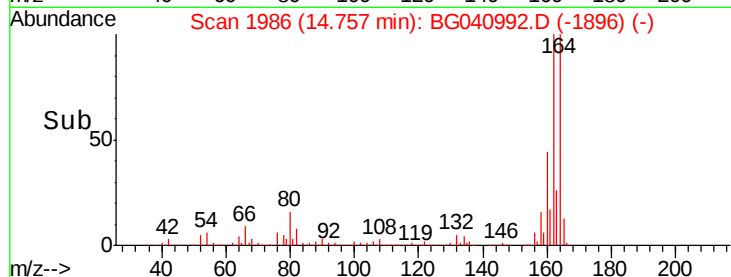


Abundance

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: 6.663 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Tgt Ion:216 Resp: 210364

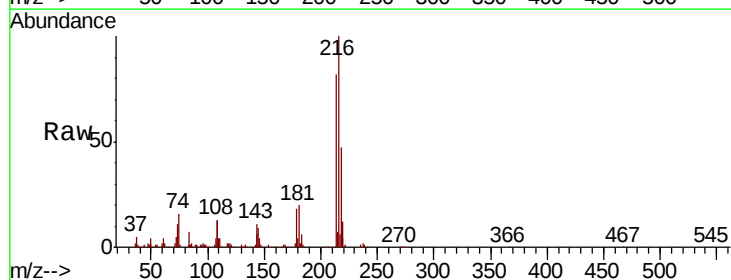
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 19.3 15.2 22.8

108 16.8 11.4 17.2



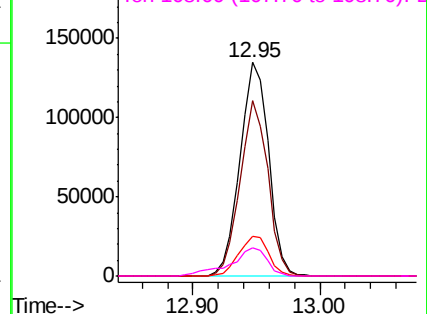
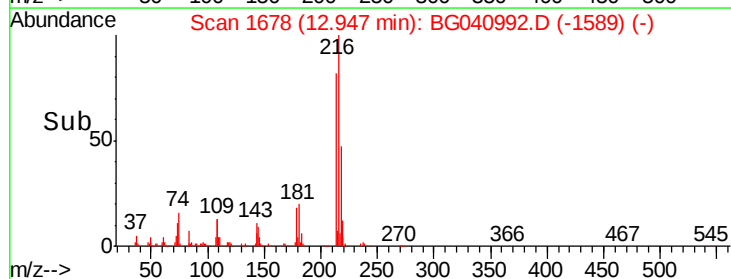
Abundance

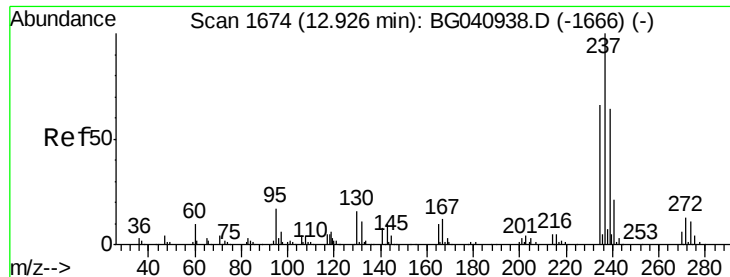
Ion 216.00 (215.70 to 216.70): E

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: 21.424 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

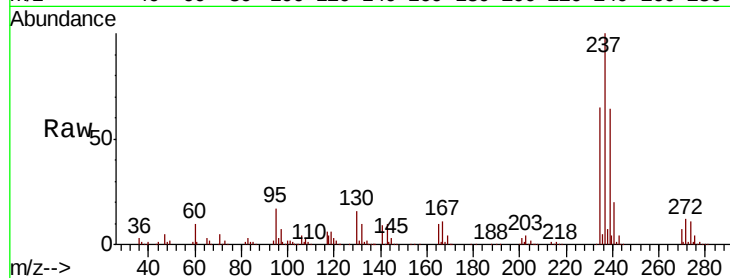
Tot Ion:237 Resp: 249524

Ion Ratio Lower Upper

237 100

235 65.4 45.5 85.5

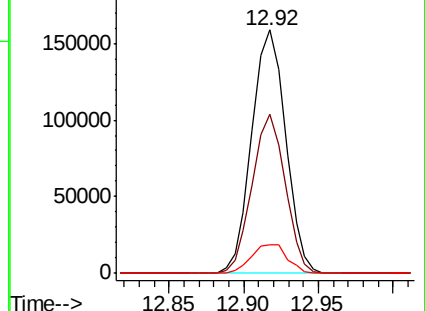
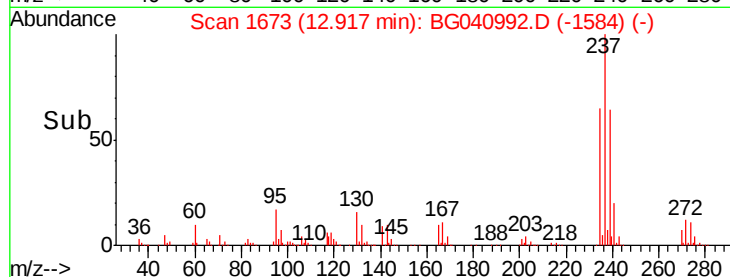
272 11.8 0.0 32.9



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: 116.942 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

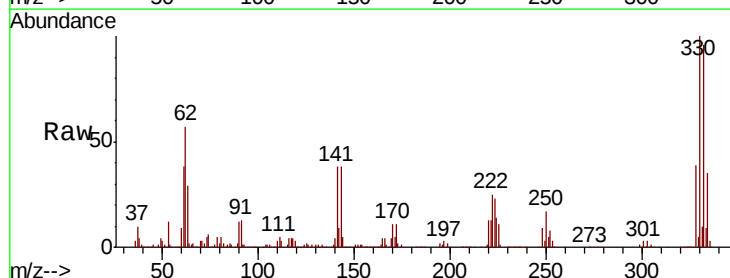
Tgt Ion:330 Resp: 1359940

Ion Ratio Lower Upper

330 100

332 96.4 78.5 117.7

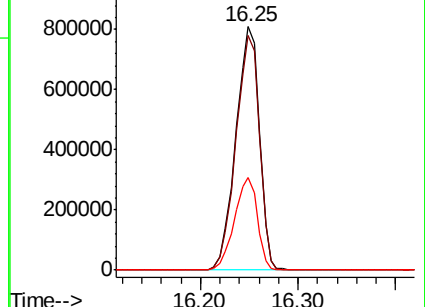
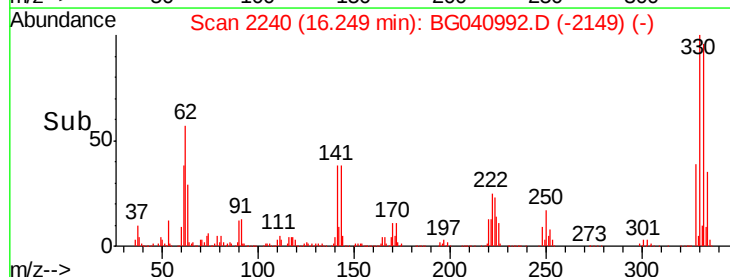
141 37.0 28.7 43.1

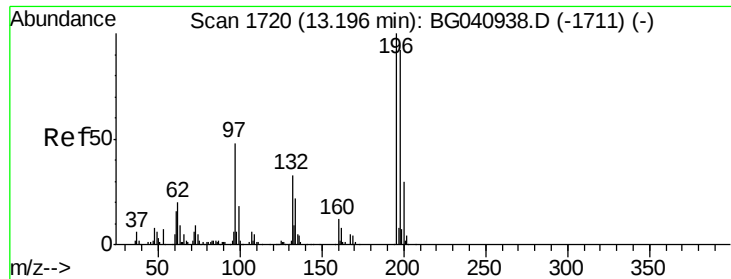


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

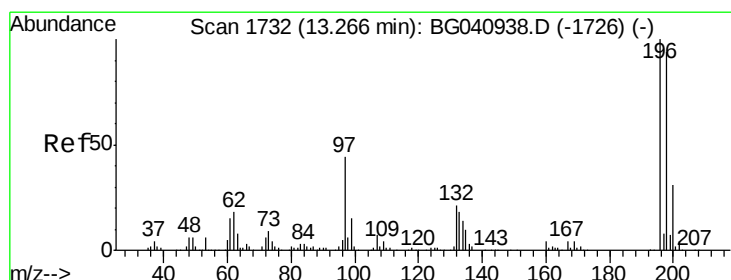
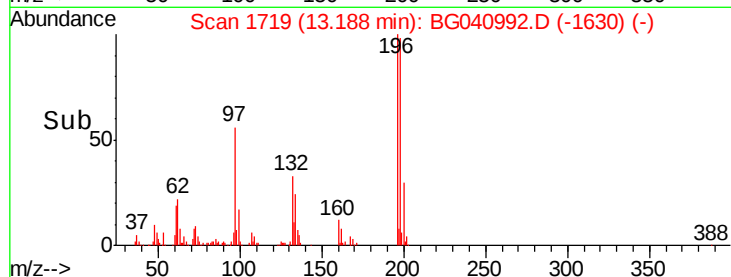
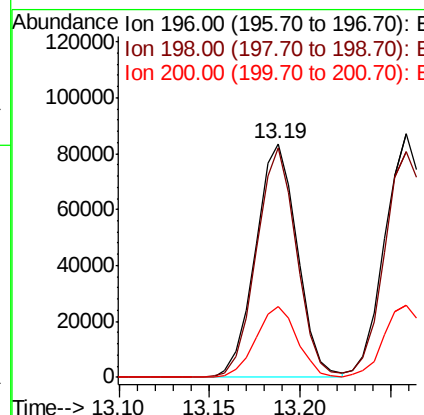
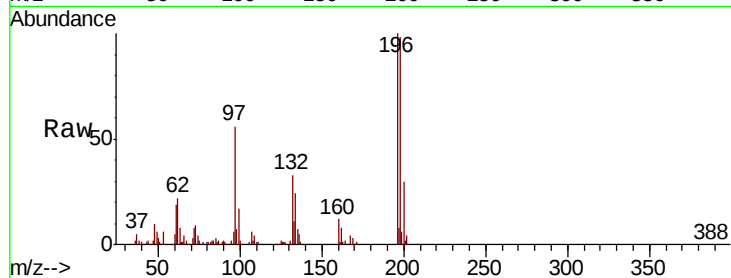




#43
 2,4,6-Trichlorophenol
 Concen: 6.547 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

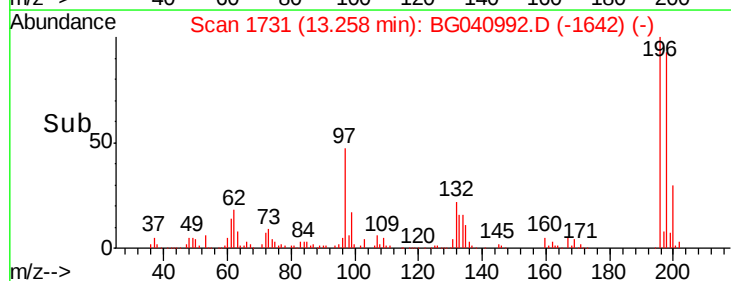
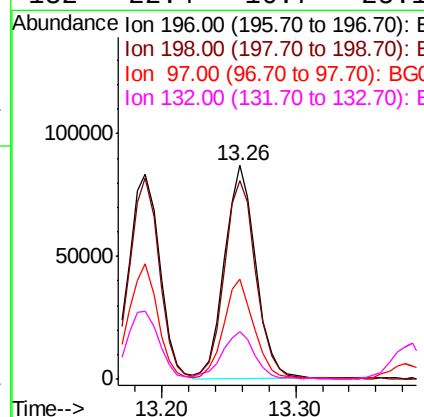
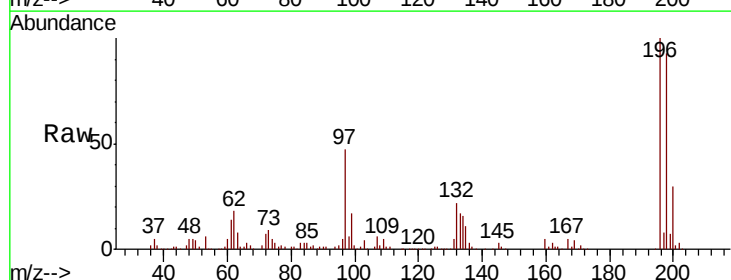
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

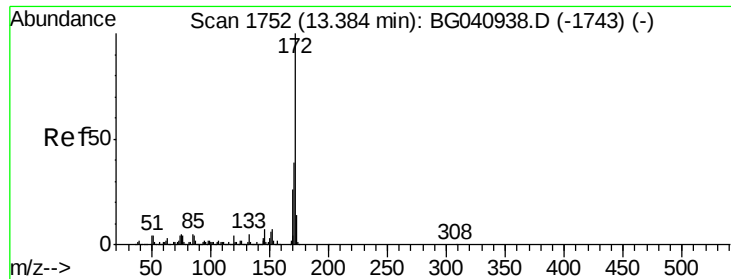
Tot Ion	196	Resp	133724
Ion Ratio	Lower	Upper	
196	100		
198	98.3	73.8	110.6
200	30.1	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 6.604 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion	196	Resp	142252
Ion Ratio	Lower	Upper	
196	100		
198	92.6	75.1	112.7
97	46.6	35.6	53.4
132	22.4	16.7	25.1

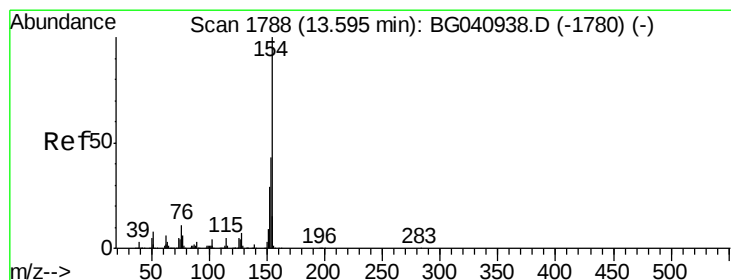
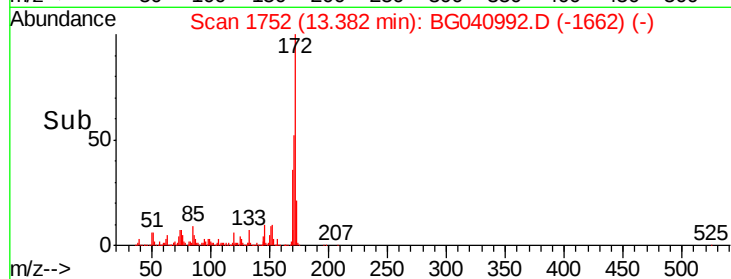
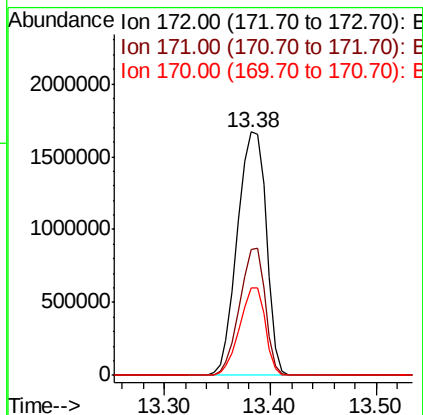
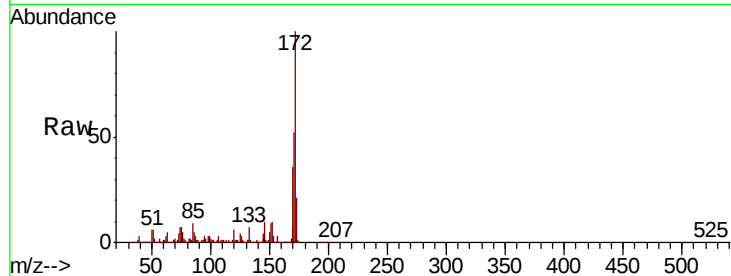




#45
2-Fluorobiphenyl
Concen: 58.259 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

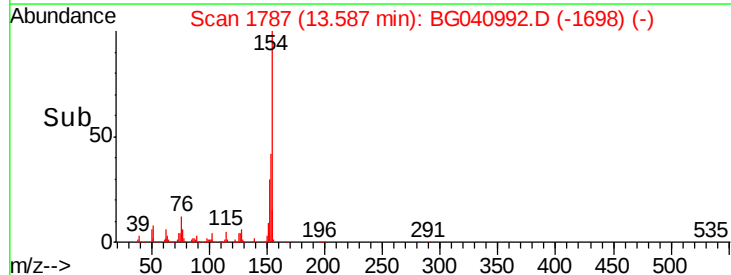
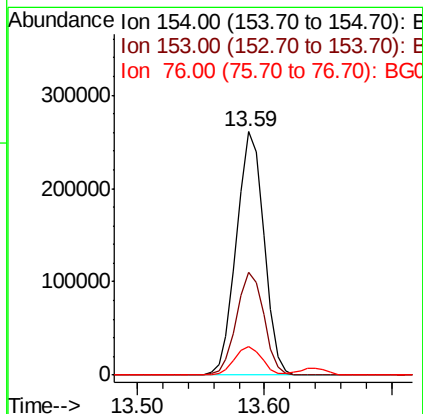
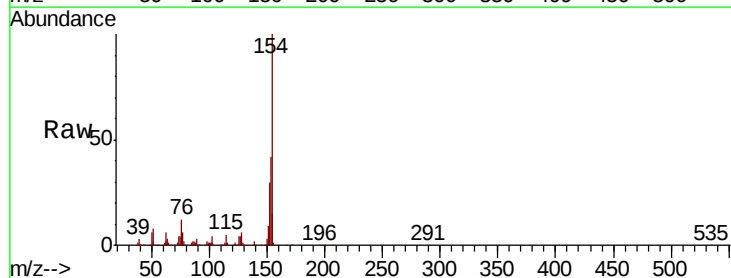
Instrument :
BNA_G
ClientSampleId :
PB120082BS

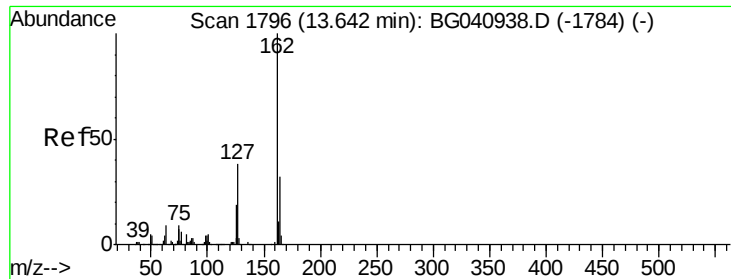
Tot Ion:172 Resp: 3168957
Ion Ratio Lower Upper
172 100
171 51.8 31.1 46.7#
170 35.8 20.5 30.7#



#46
1,1'-Biphenyl
Concen: 6.769 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion:154 Resp: 392497
Ion Ratio Lower Upper
154 100
153 42.1 23.3 63.3
76 12.0 0.0 31.1

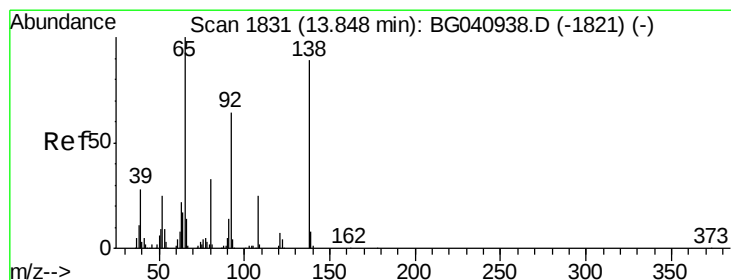
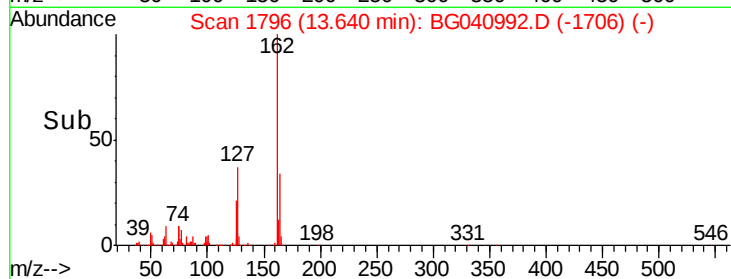
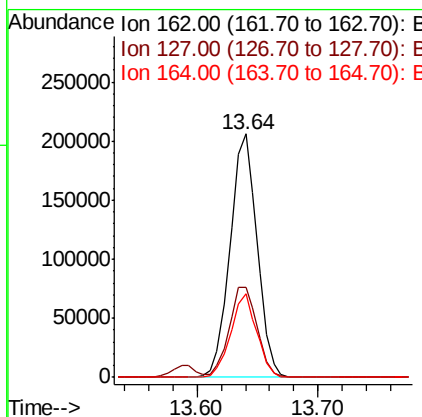
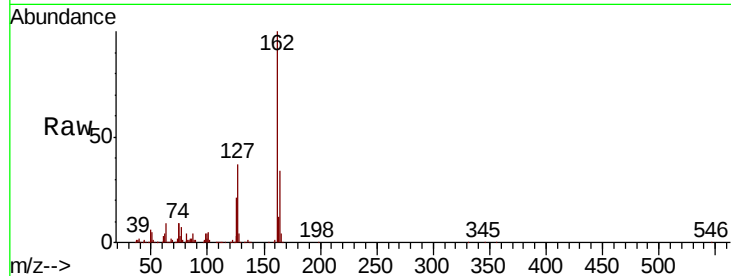




#47
 2-Chloronaphthalene
 Concen: 6.437 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

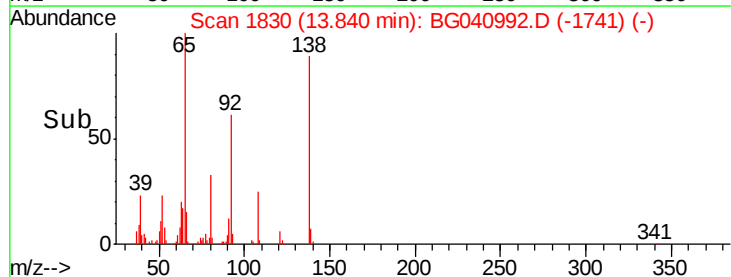
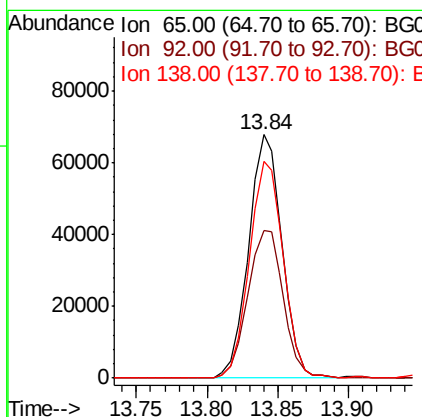
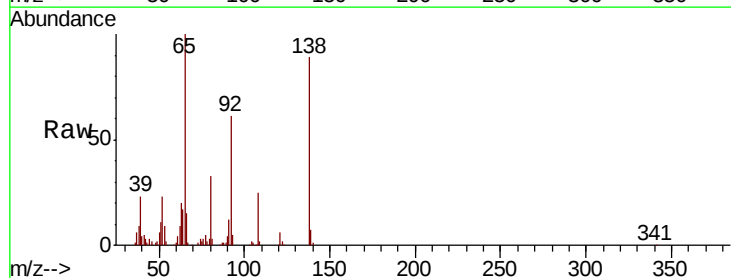
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

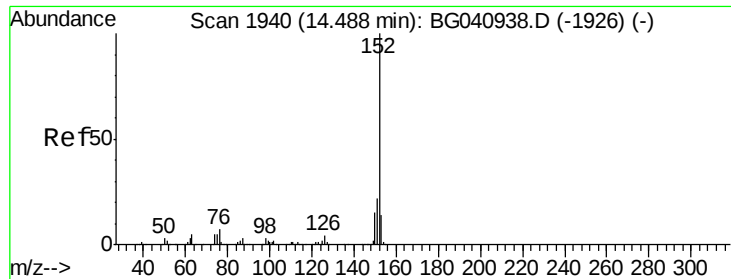
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.5	45.7
164	34.3	25.8	38.6



#48
 2-Nitroaniline
 Concen: 6.316 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	51.0	76.6
138	89.1	71.2	106.8





#49

Acenaphthylene

Concen: 6.715 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

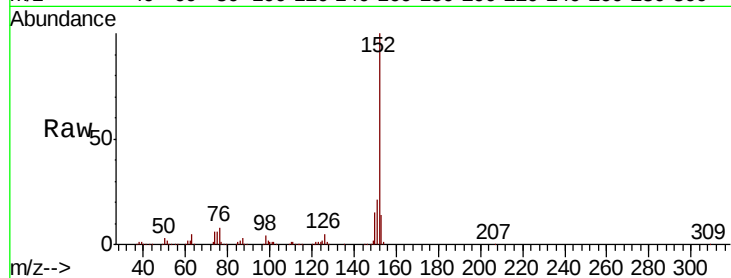
Tot Ion:152 Resp: 503056

Ion Ratio Lower Upper

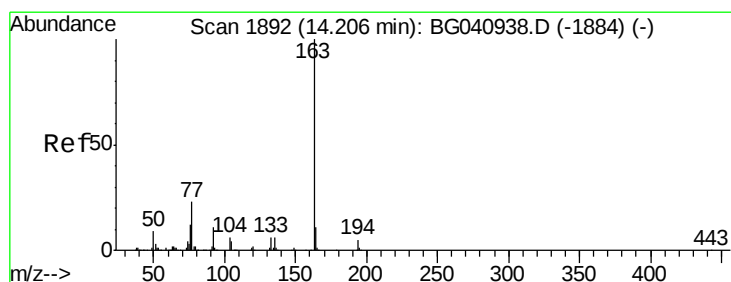
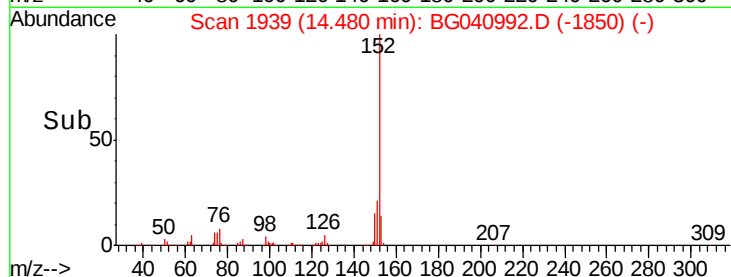
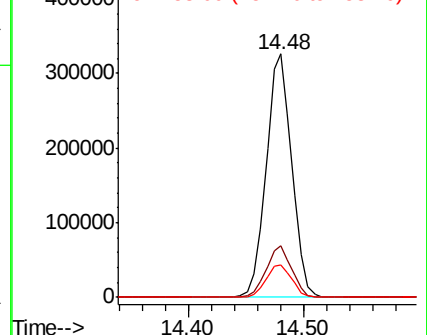
152 100

151 21.2 17.4 26.0

153 13.5 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: 6.459 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

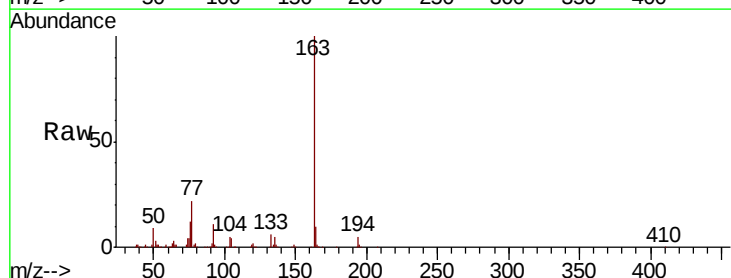
Tgt Ion:163 Resp: 428305

Ion Ratio Lower Upper

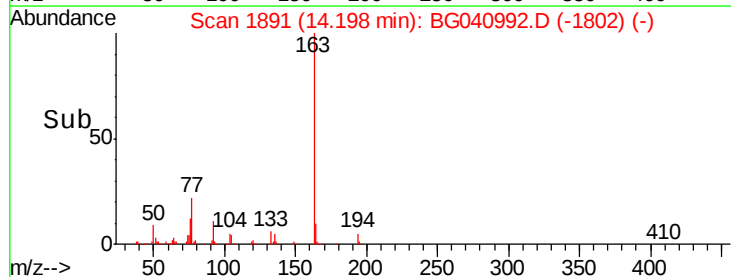
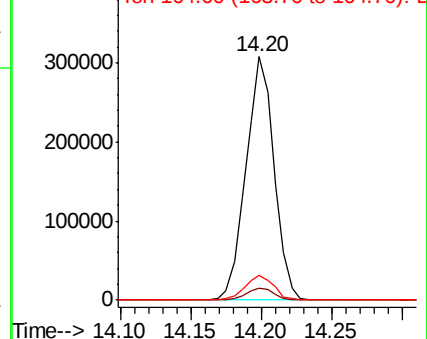
163 100

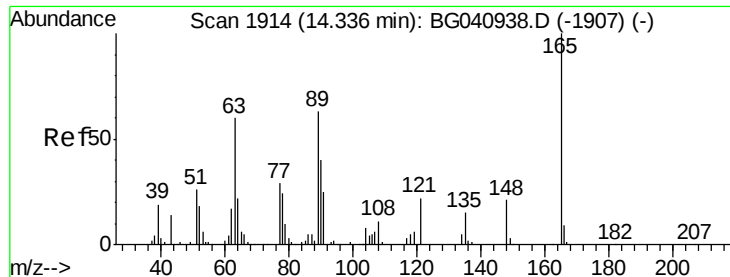
194 4.7 3.8 5.8

164 10.2 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: 6.530 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

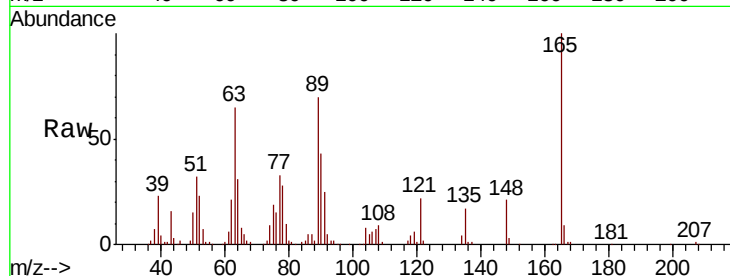
Tot Ion:165 Resp: 93363

Ion Ratio Lower Upper

165 100

63 65.5 53.6 80.4

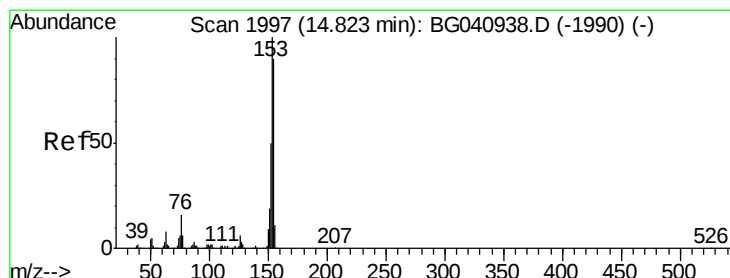
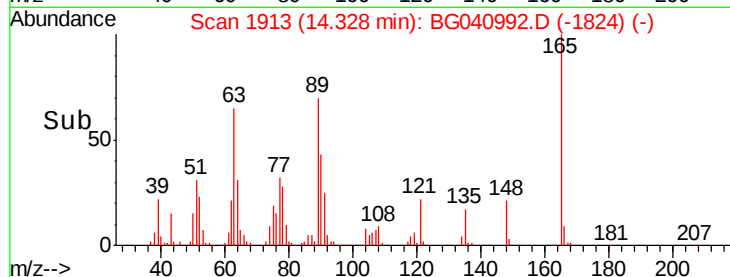
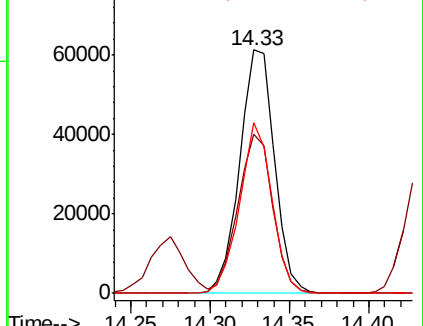
89 70.1 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 6.311 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

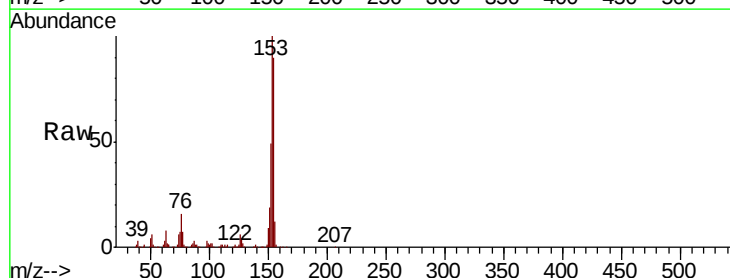
Tgt Ion:154 Resp: 286416

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

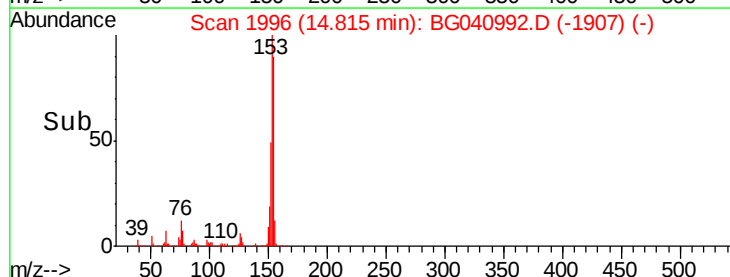
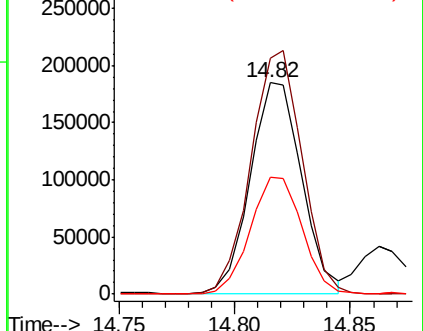
152 55.1 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

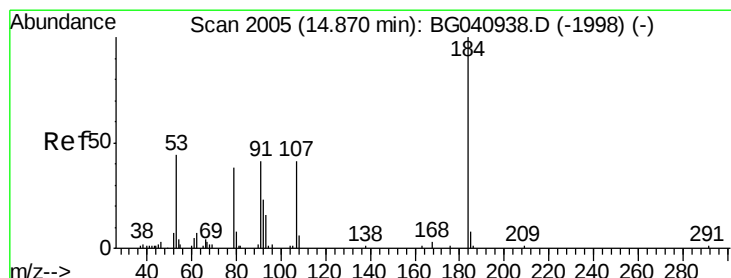
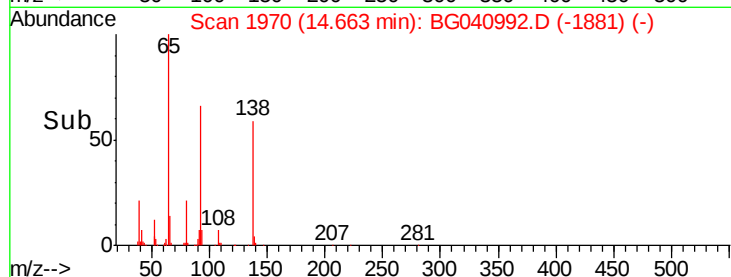
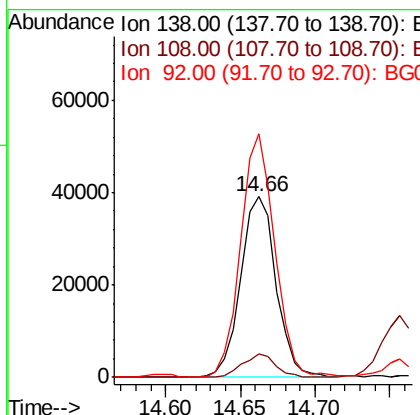
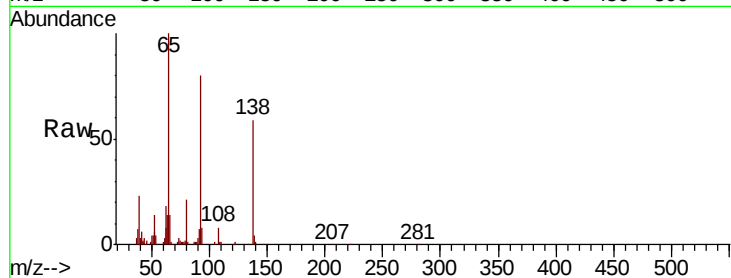




#53
3-Nitroaniline
Concen: 4.501 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

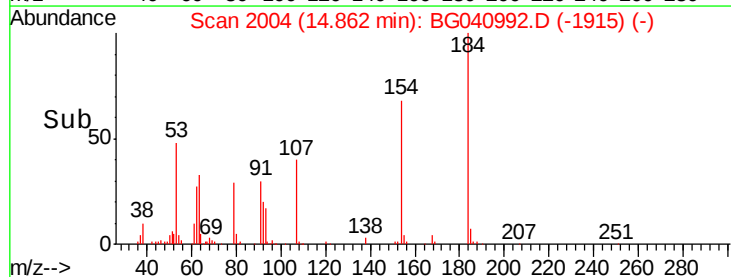
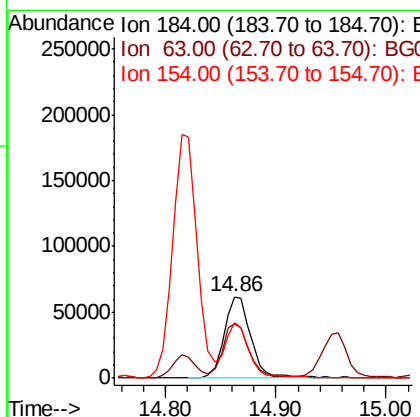
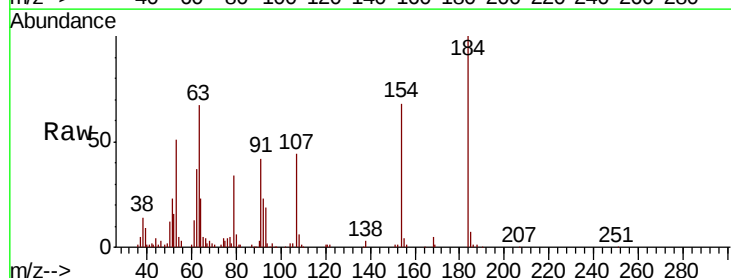
Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:138 Resp: 64343
Ion Ratio Lower Upper
138 100
108 13.1 8.5 12.7#
92 134.6 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 24.681 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion:184 Resp: 105538
Ion Ratio Lower Upper
184 100
63 67.3 49.8 74.6
154 67.8 52.2 78.4

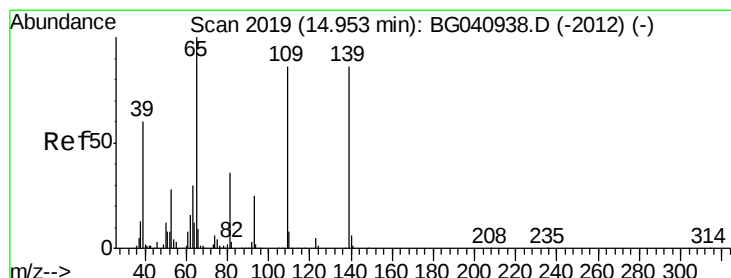
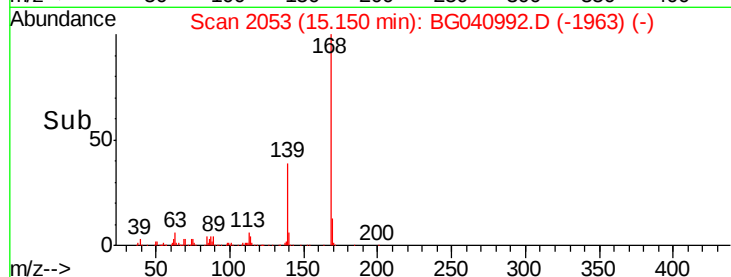
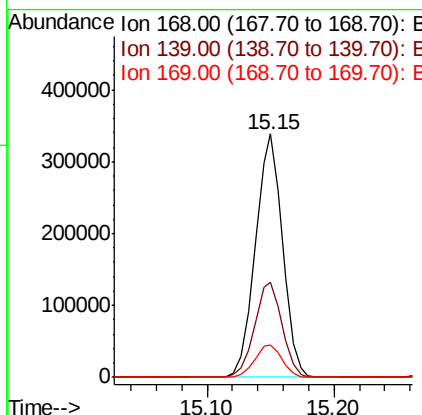
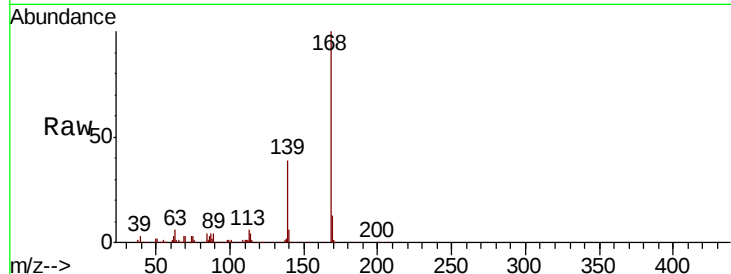




#55
Dibenzofuran
Concen: 6.587 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

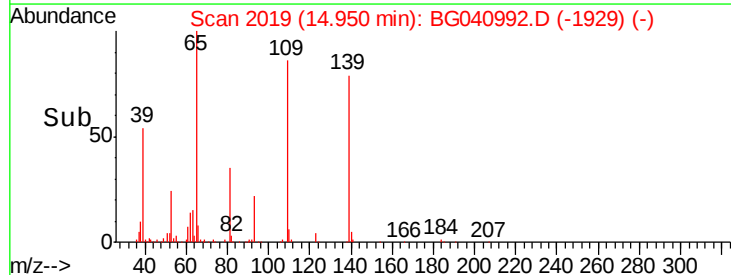
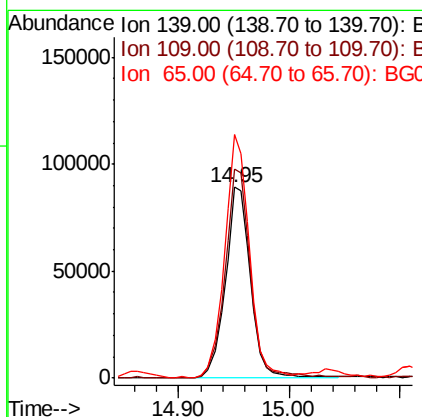
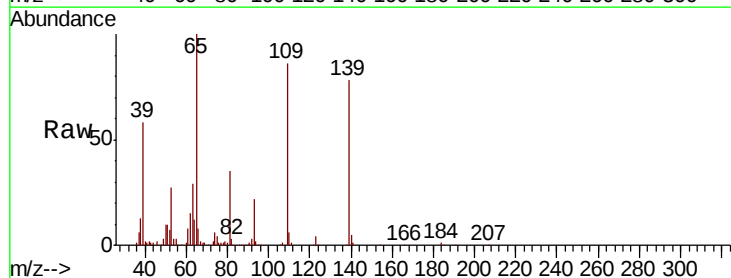
Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	32.8	49.2
169	13.3	11.3	16.9



#56
4-Nitrophenol
Concen: 14.543 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.3	79.6	119.6
65	127.6	96.9	136.9

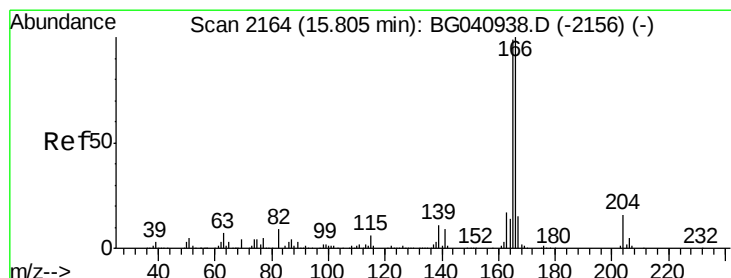
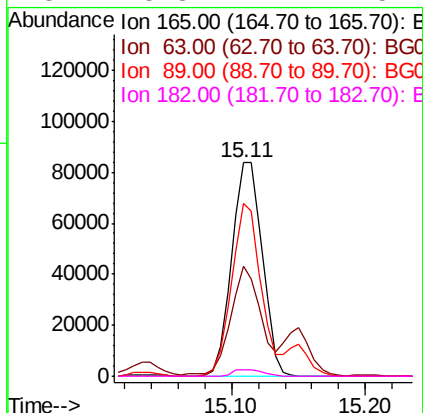
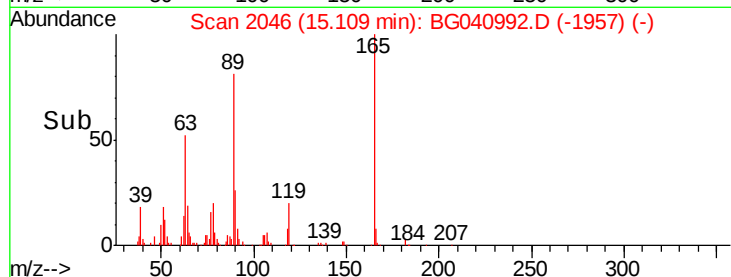
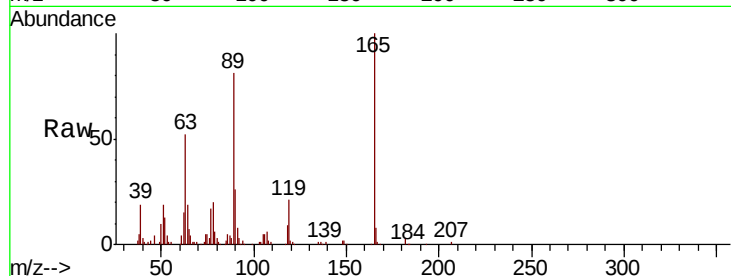




#57
2,4-Dinitrotoluene
Concen: 6.619 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

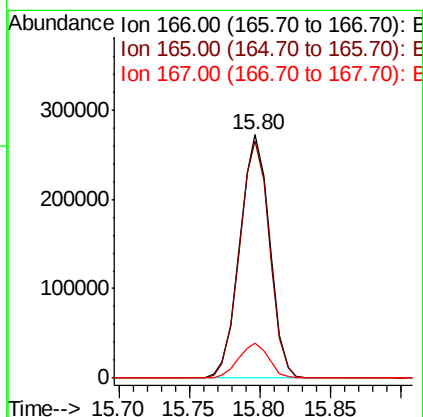
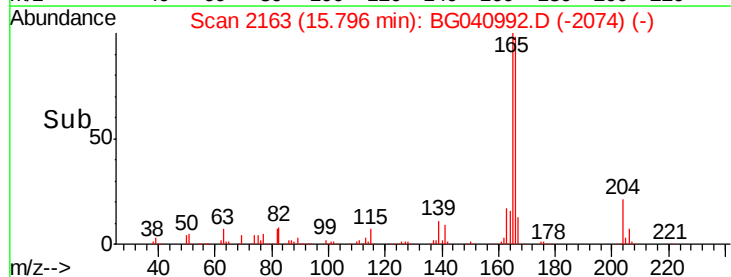
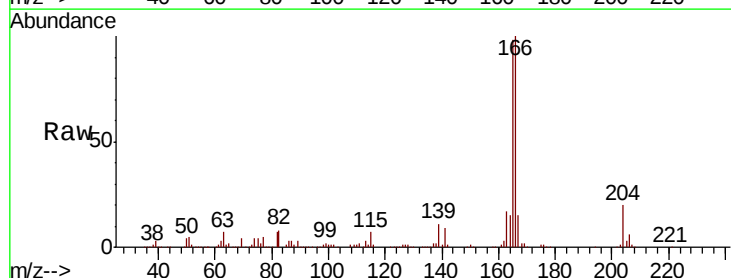
Instrument :
BNA_G
ClientSampleId :
PB120082BS

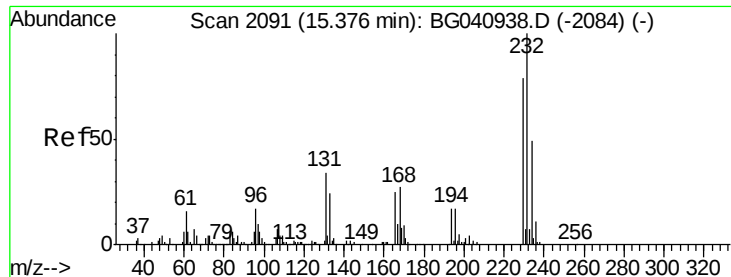
Tot Ion:165 Resp: 133666
Ion Ratio Lower Upper
165 100
63 51.7 37.3 55.9
89 80.9 61.0 91.6
182 3.3 2.2 3.2#



#58
Fluorene
Concen: 6.613 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion:166 Resp: 402203
Ion Ratio Lower Upper
166 100
165 97.5 79.2 118.8
167 14.6 11.8 17.6

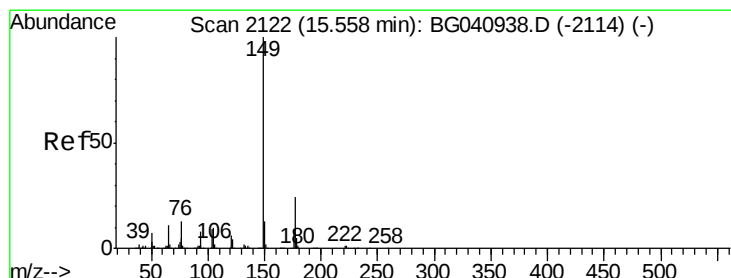
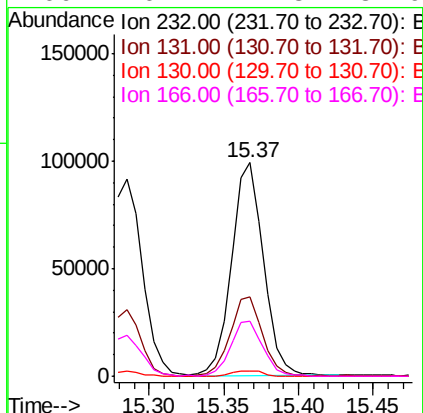
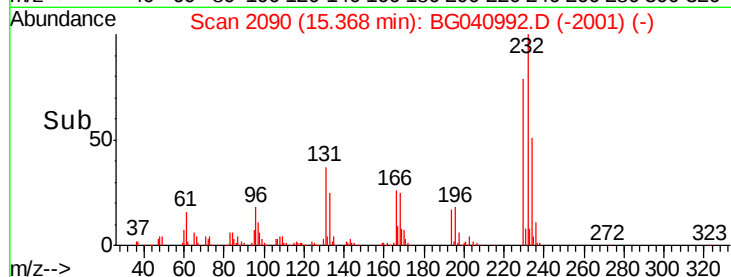
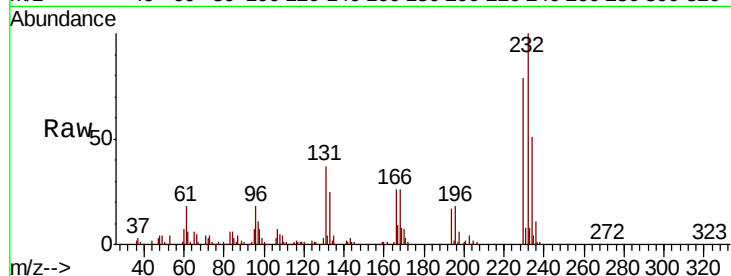




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.998 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

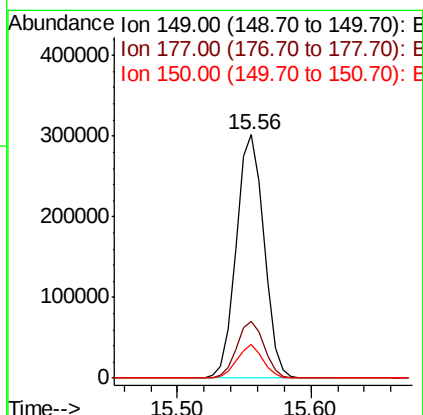
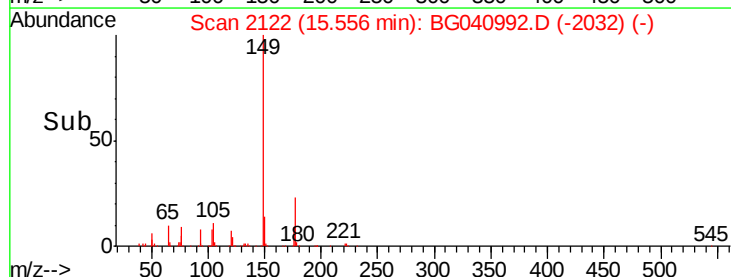
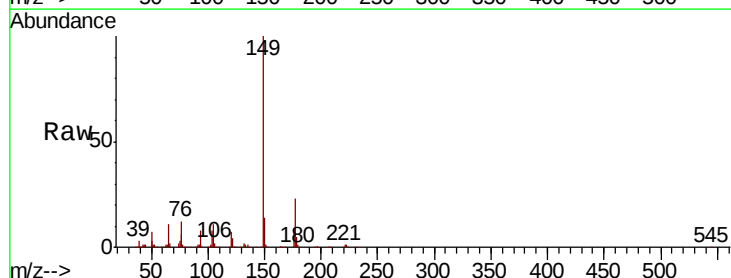
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Tot Ion:	232	Resp:	148146
Ion	Ratio	Lower	Upper
232	100		
131	38.2	30.3	45.5
130	2.5	1.8	2.8
166	26.4	21.3	31.9



#60
 Diethylphthalate
 Concen: 6.419 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion:	149	Resp:	434352
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.4	29.0
150	13.8	10.3	15.5

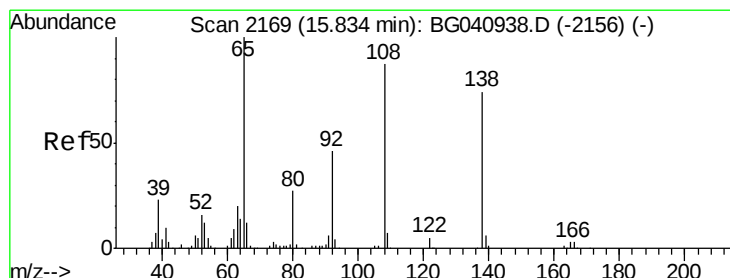
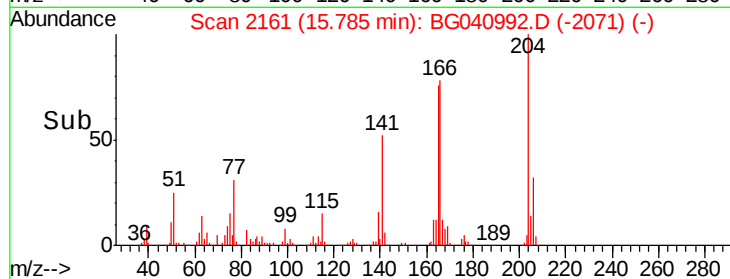
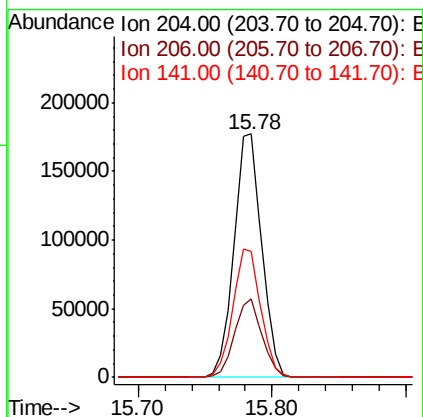
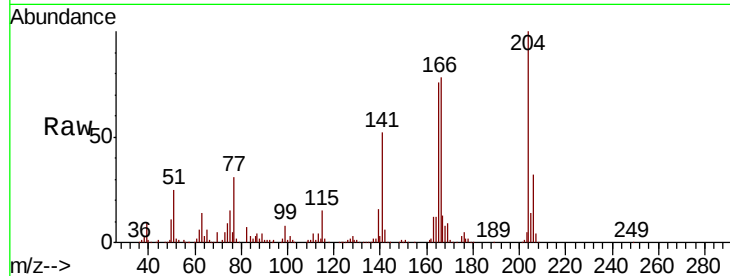




#61
 4-Chlorophenyl-phenylether
 Concen: 6.470 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

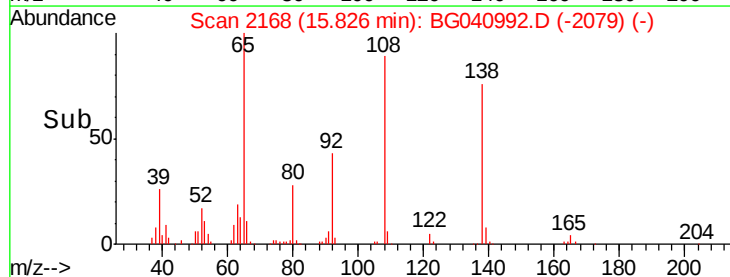
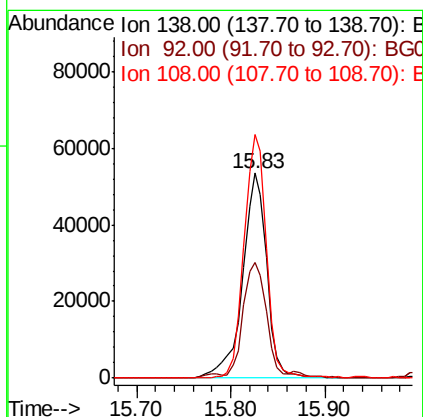
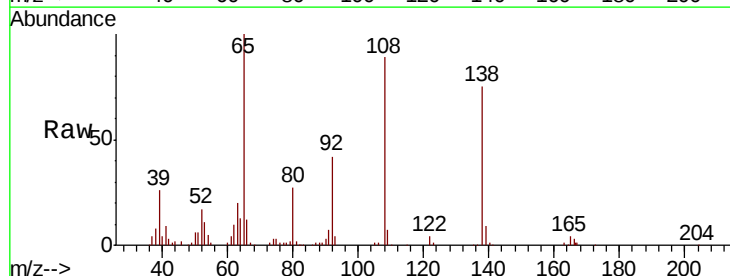
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.6	41.4
141	51.8	45.1	67.7



#62
 4-Nitroaniline
 Concen: 6.289 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	42.4	82.4
108	119.0	96.9	136.9





#63

Azobenzene

Concen: 6.524 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

Tot Ion: 77 Resp: 401236

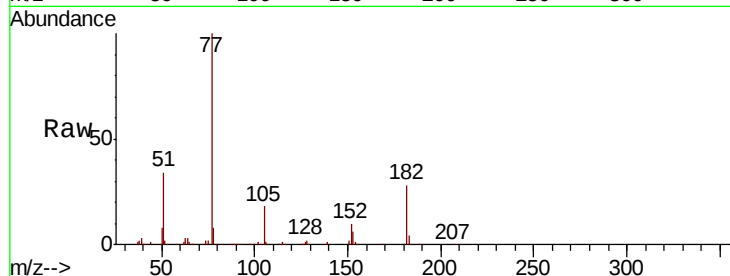
Ion Ratio Lower Upper

77 100

182 28.5 9.6 49.6

105 18.1 0.0 37.5

51 33.9 13.7 53.7

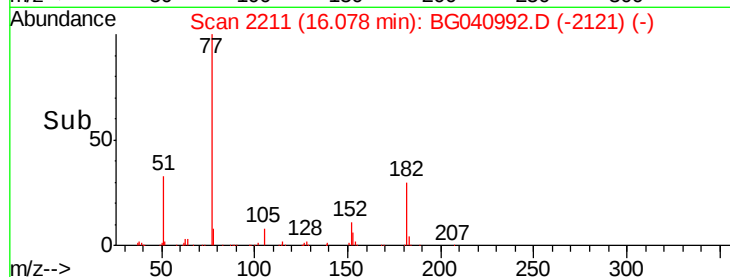
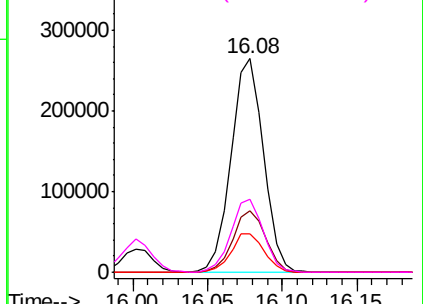


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

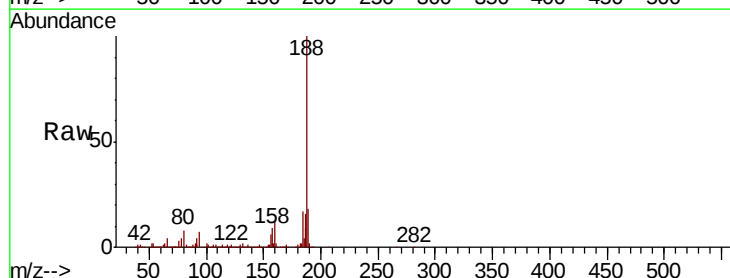
Tgt Ion: 188 Resp: 1836034

Ion Ratio Lower Upper

188 100

94 6.9 4.7 7.1

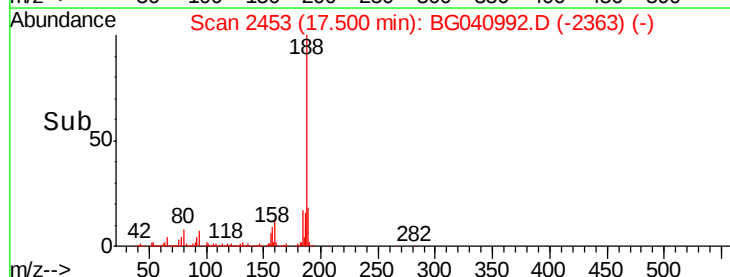
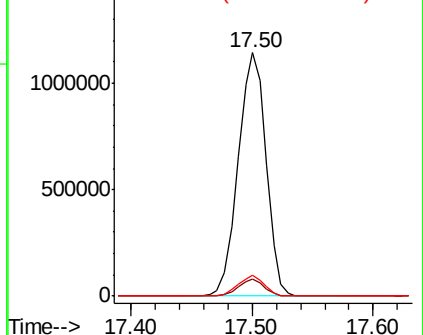
80 8.4 5.8 8.8

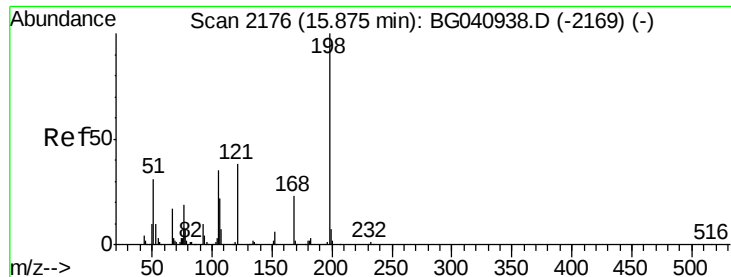


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 14.883 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

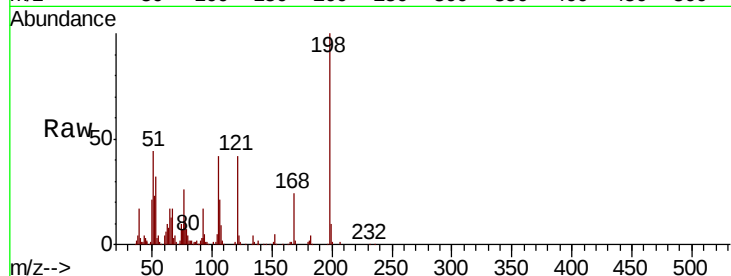
Tot Ion:198 Resp: 75408

Ion Ratio Lower Upper

198 100

51 44.5 21.6 61.6

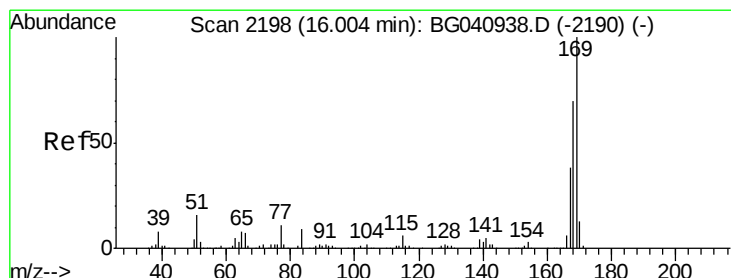
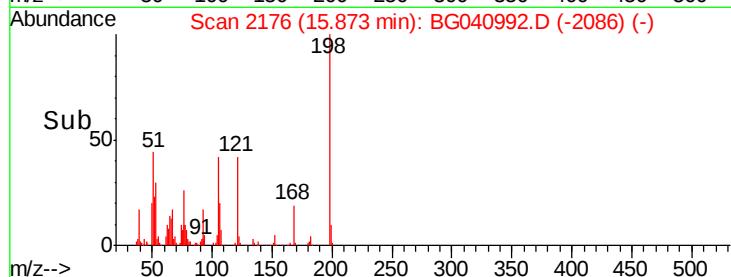
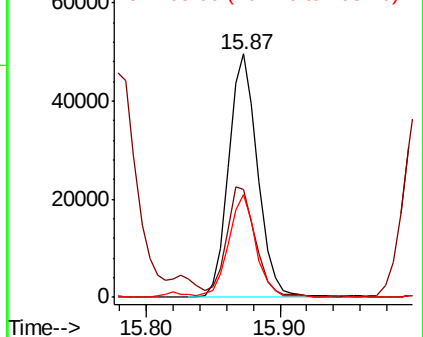
105 42.1 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.084 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

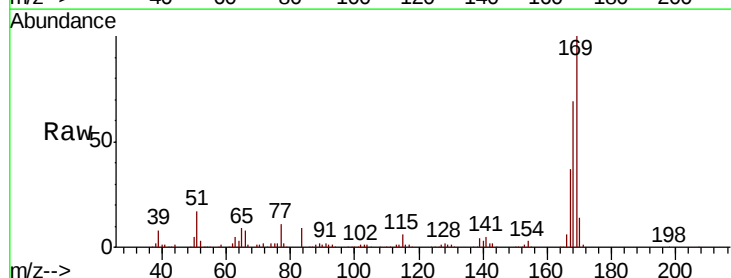
Tgt Ion:169 Resp: 365614

Ion Ratio Lower Upper

169 100

168 68.7 55.7 83.5

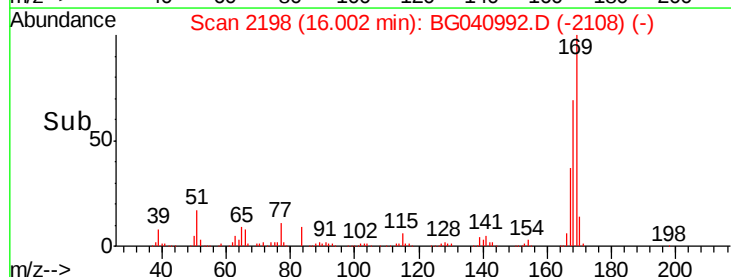
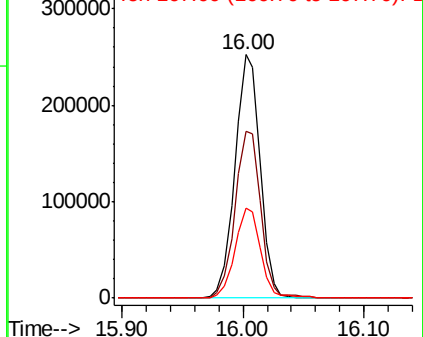
167 37.2 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 6.721 ng

RT: 16.68 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

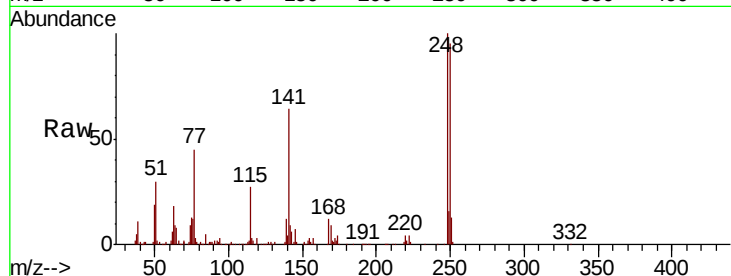
Tot Ion:248 Resp: 166539

Ion Ratio Lower Upper

248 100

250 94.9 75.0 112.4

141 63.7 52.4 78.6

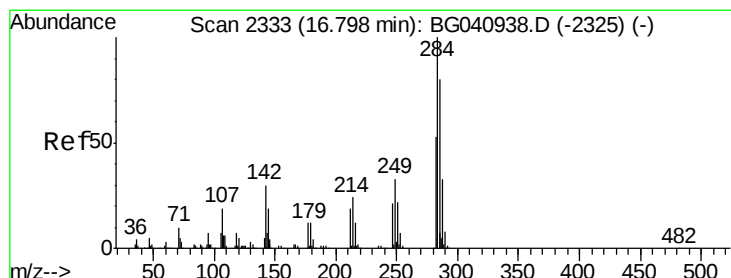
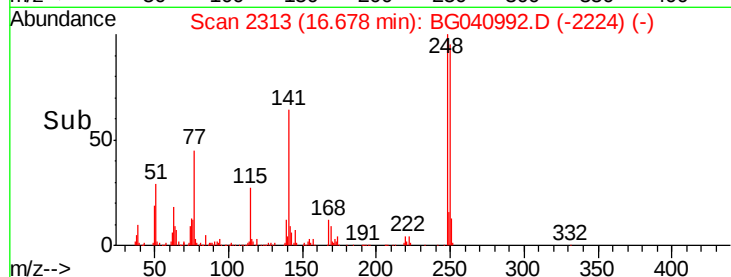
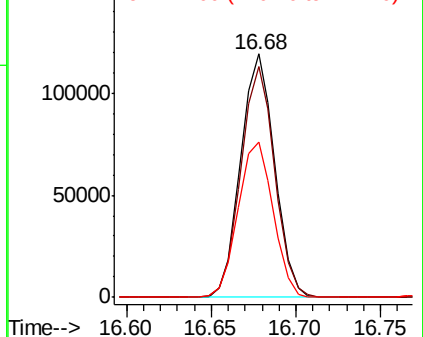


Abundance

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: 6.643 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

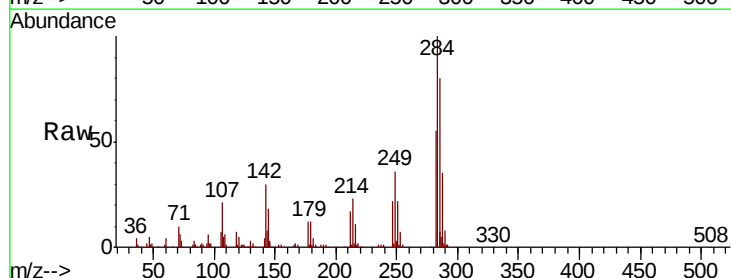
Tgt Ion:284 Resp: 175284

Ion Ratio Lower Upper

284 100

142 30.3 23.9 35.9

249 36.0 26.8 40.2

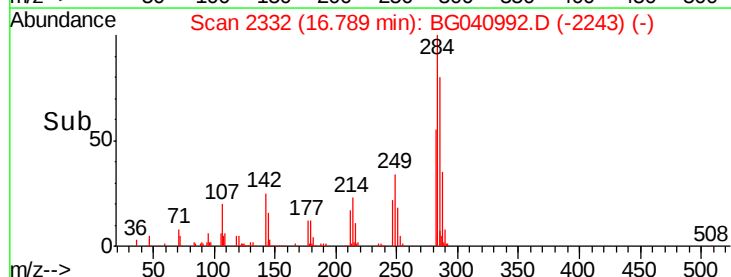
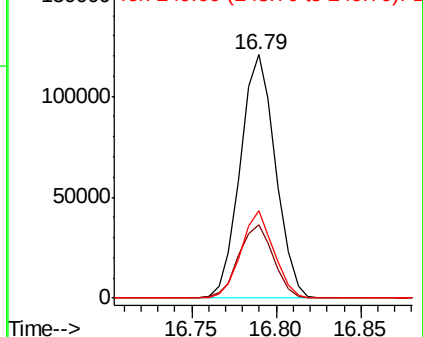


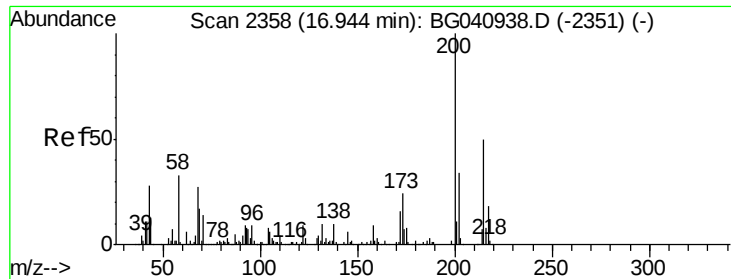
Abundance

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

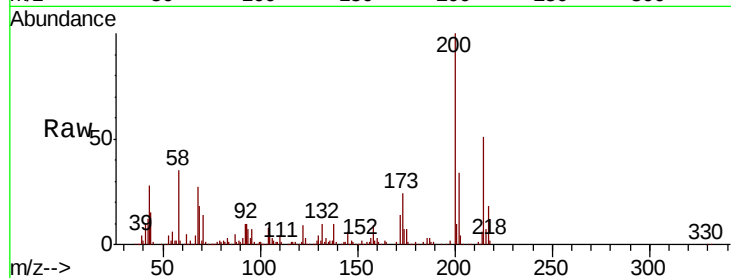




#69
Atrazine
Concen: 7.743 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	3.6	43.6
215	50.8	29.6	69.6

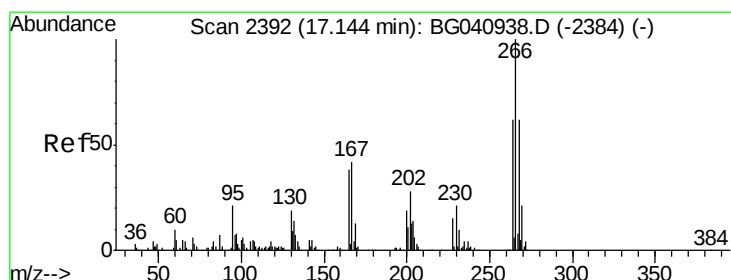
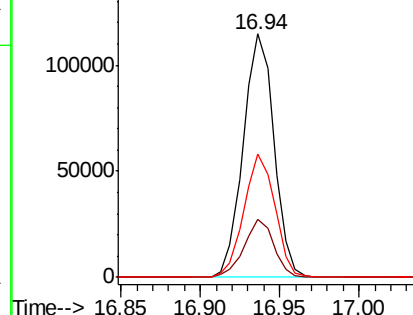
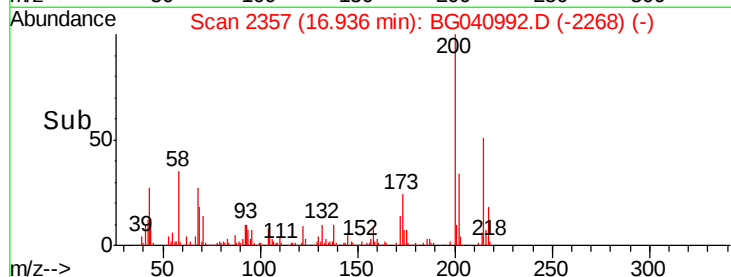


Abundance

Ion 200.00 (199.70 to 200.70): E

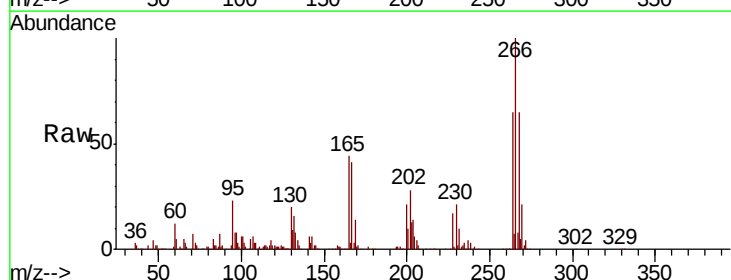
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 18.072 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	53.1	79.7
264	65.0	49.9	74.9

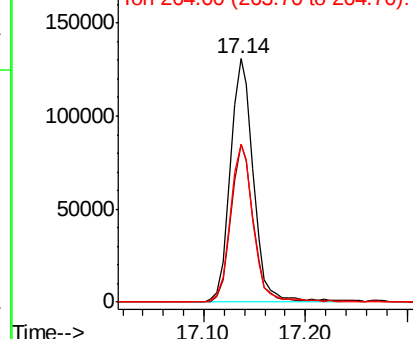
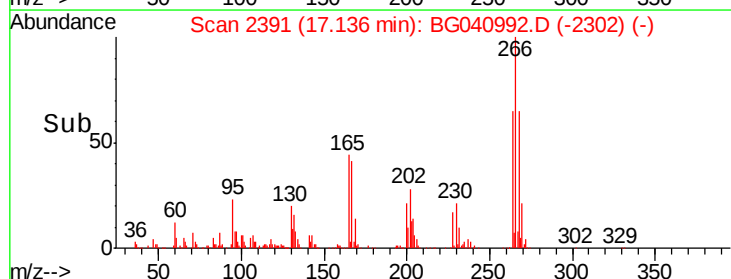


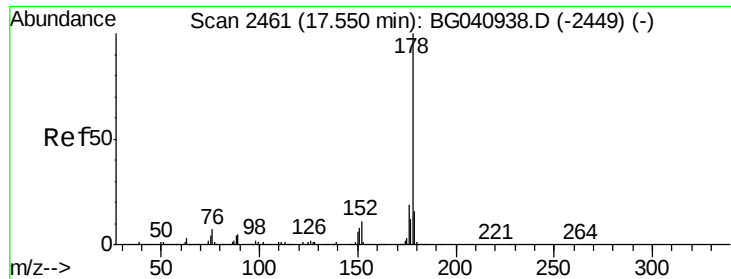
Abundance

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

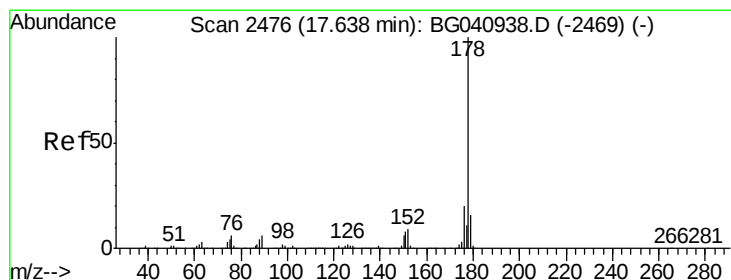
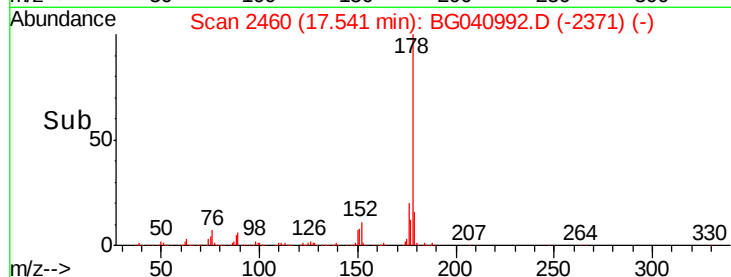
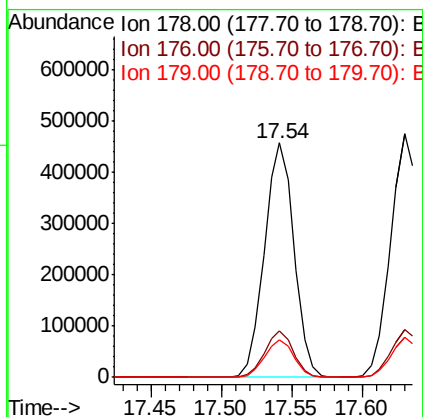
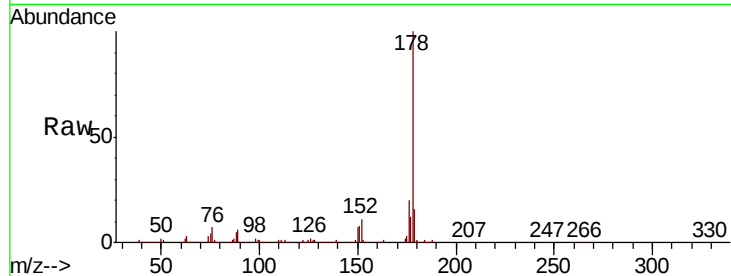




#71
Phenanthrene
Concen: 7.032 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

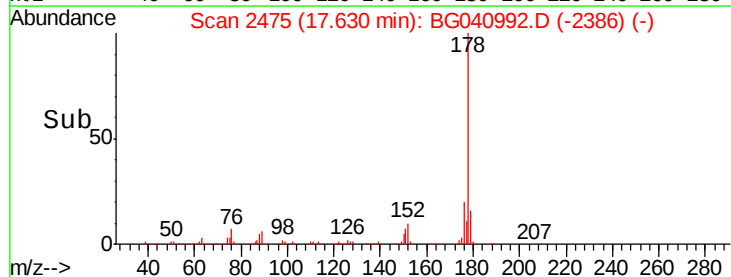
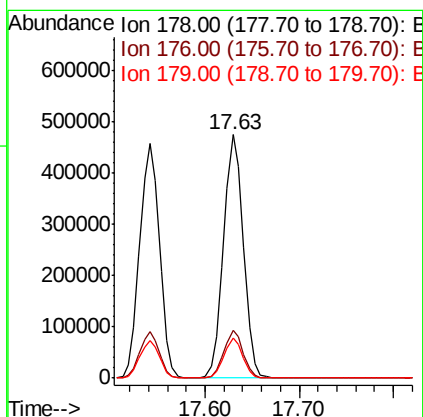
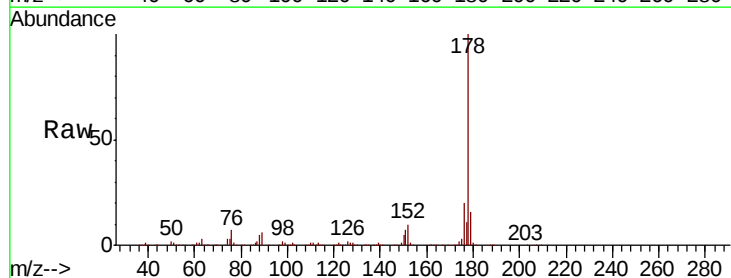
Instrument :
BNA_G
ClientSampleId :
PB120082BS

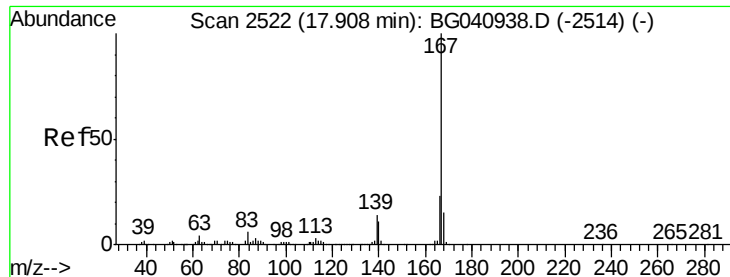
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.8	12.7	19.1



#72
Anthracene
Concen: 7.420 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.5	13.0	19.4

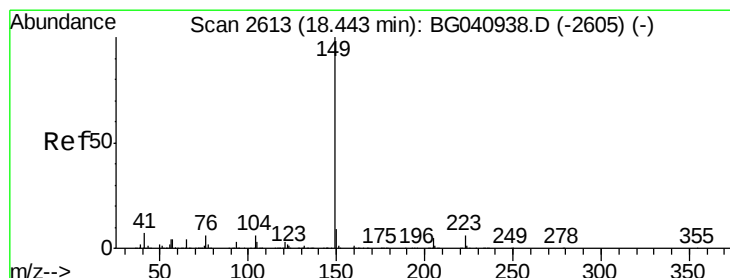
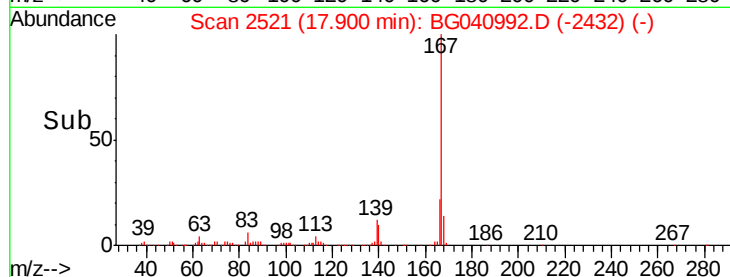
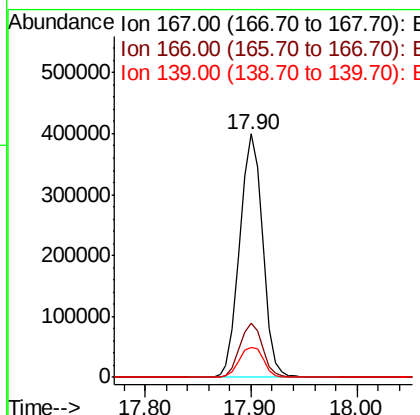
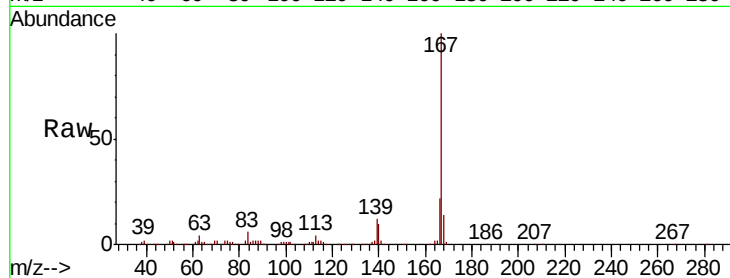




#73
 Carbazole
 Concen: 7.400 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

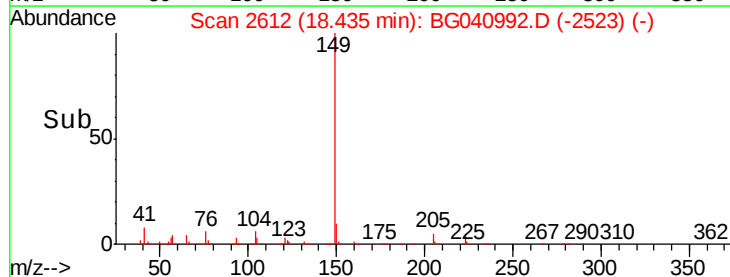
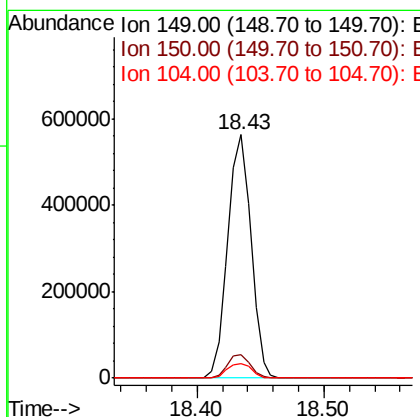
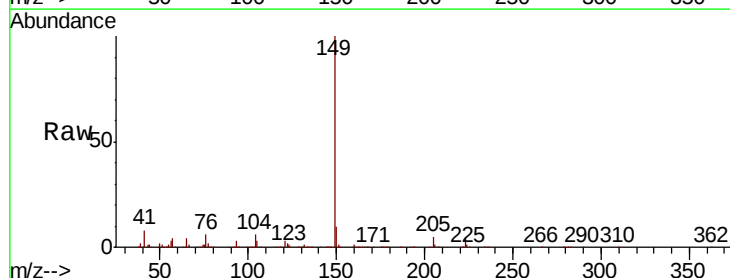
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

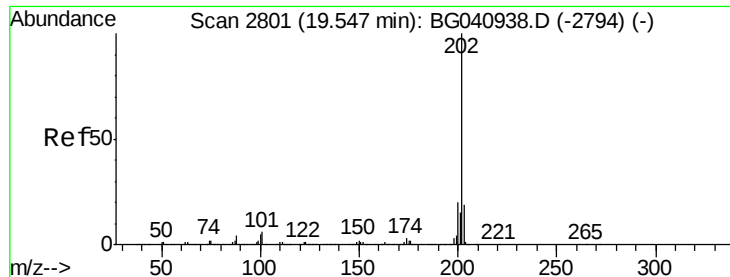
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	12.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 7.096 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040992.D
 Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 7.590 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

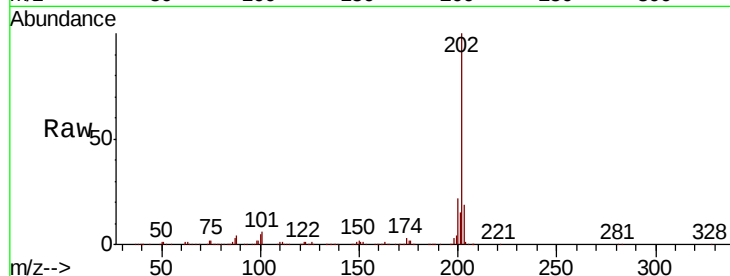
Tot Ion:202 Resp: 896549

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.2

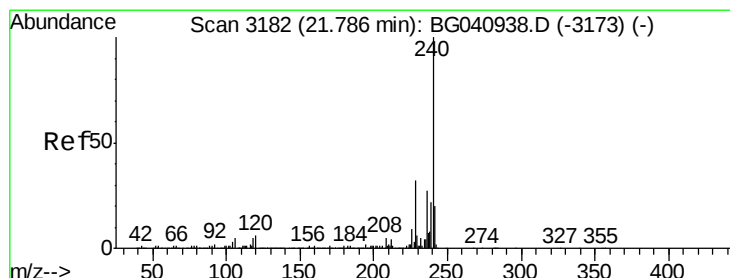
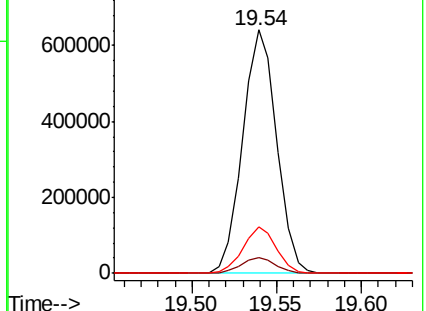
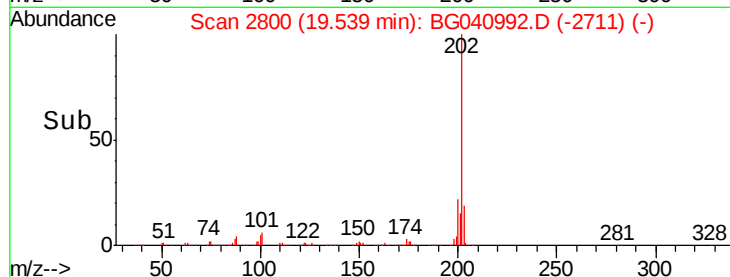
203 19.1 0.0 38.7



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# 3182

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

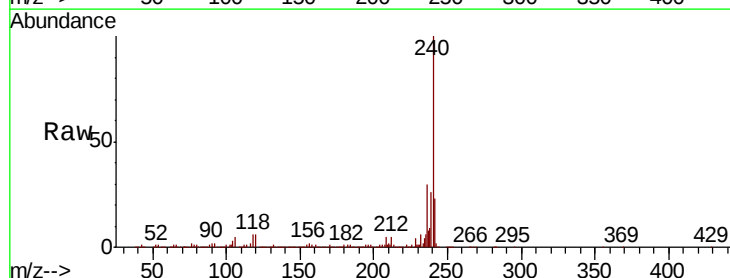
Tgt Ion:240 Resp: 1893324

Ion Ratio Lower Upper

240 100

120 6.1 4.5 6.7

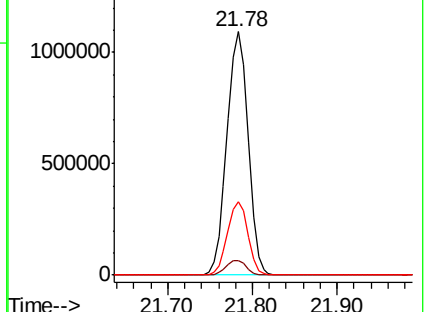
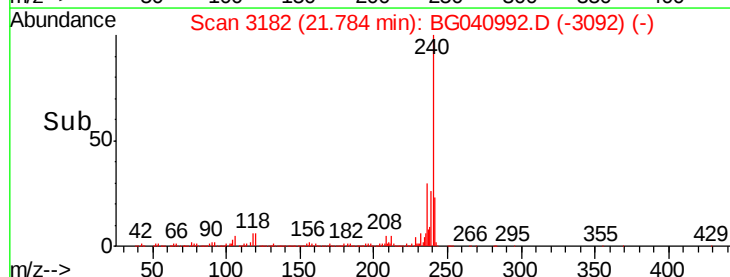
236 29.9 21.3 31.9



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: 6.732 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

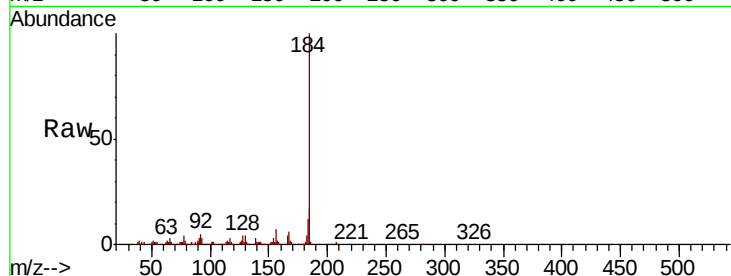
Tot Ion:184 Resp: 304072

Ion Ratio Lower Upper

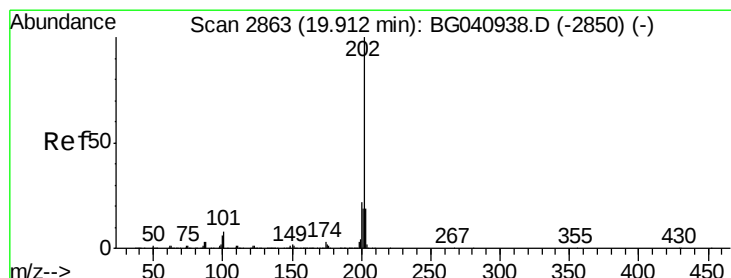
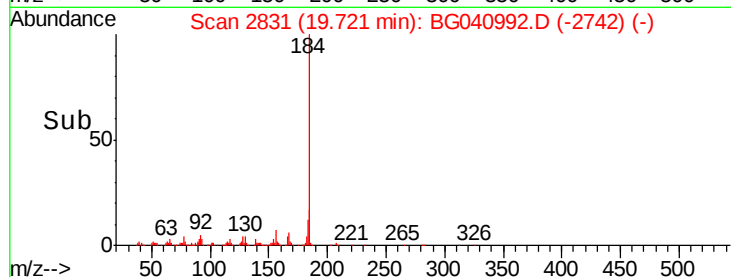
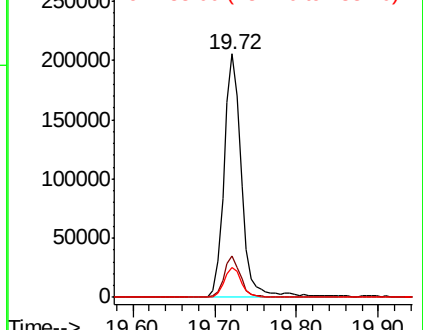
184 100

185 17.1 13.3 19.9

183 12.4 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: 7.330 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

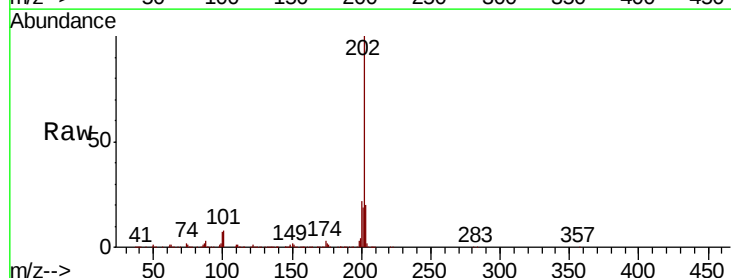
Tgt Ion:202 Resp: 902219

Ion Ratio Lower Upper

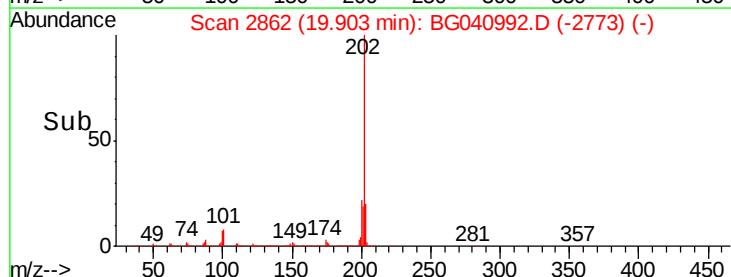
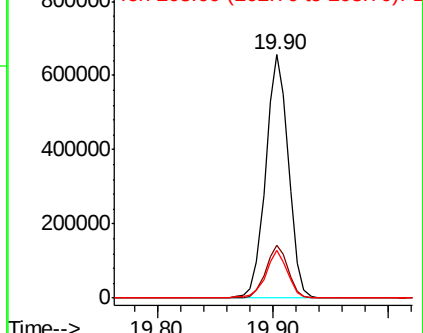
202 100

200 21.8 17.5 26.3

203 19.8 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.343 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampled :

PB120082BS

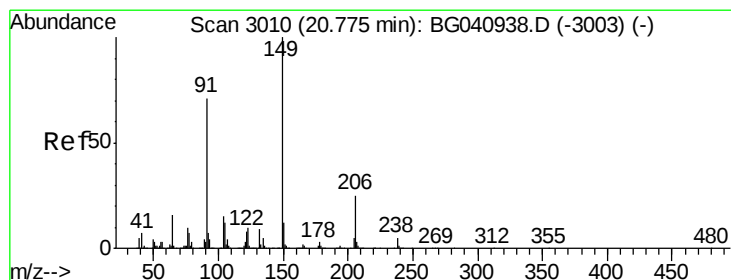
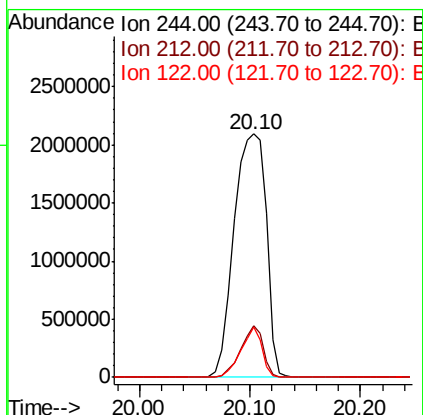
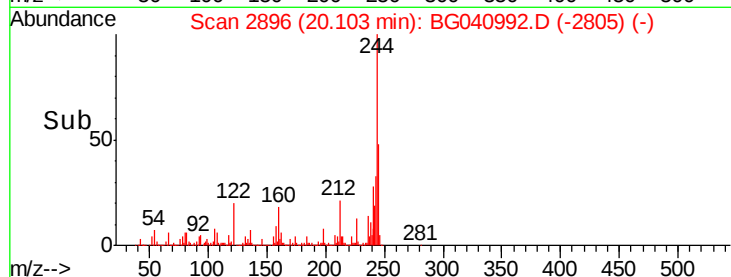
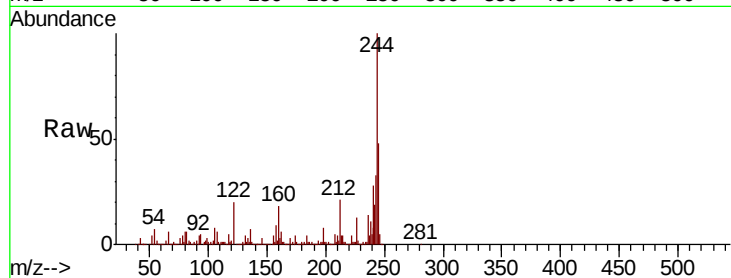
Tot Ion:244 Resp: 4312649

Ion Ratio Lower Upper

244 100

212 21.0 7.0 10.4#

122 20.4 5.4 8.0#



#80

Butylbenzylphthalate

Concen: 7.065 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

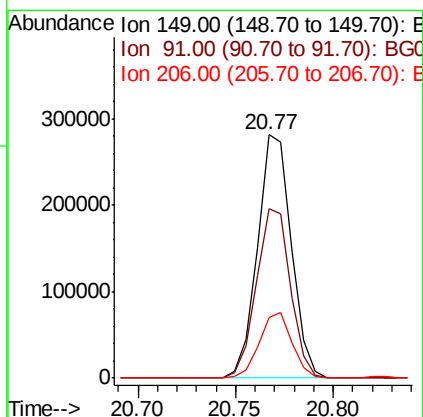
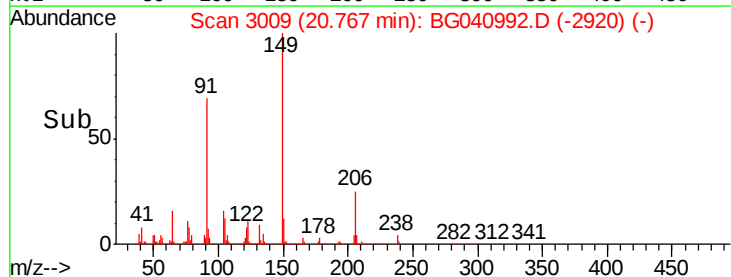
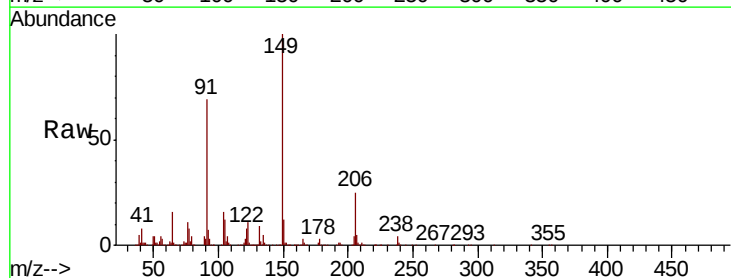
Tgt Ion:149 Resp: 338385

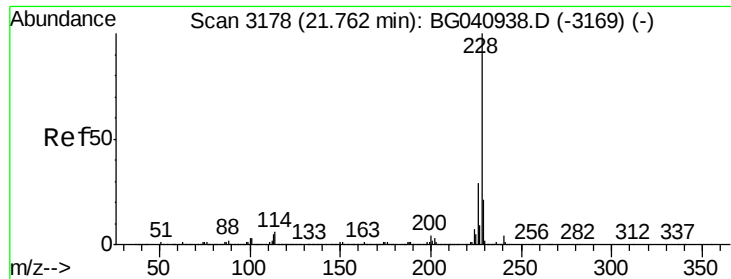
Ion Ratio Lower Upper

149 100

91 69.4 56.5 84.7

206 24.8 20.3 30.5





#81

Benzo(a)anthracene

Concen: 7.089 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

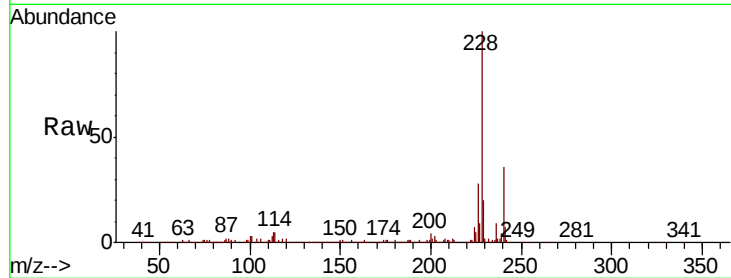
BNA_G

ClientSampleId :

PB120082BS

Tot Ion:228 Resp: 893410

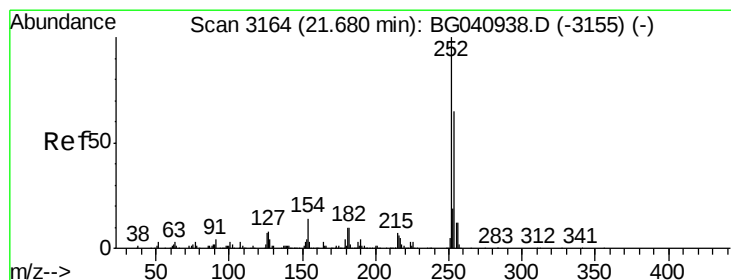
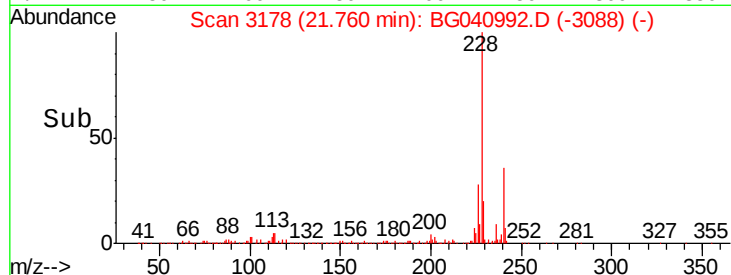
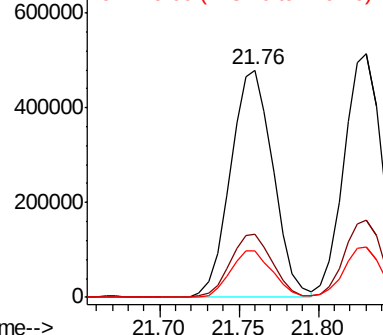
Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.5	35.3
229	20.3	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 5.019 ng

RT: 21.67 min Scan# 3163

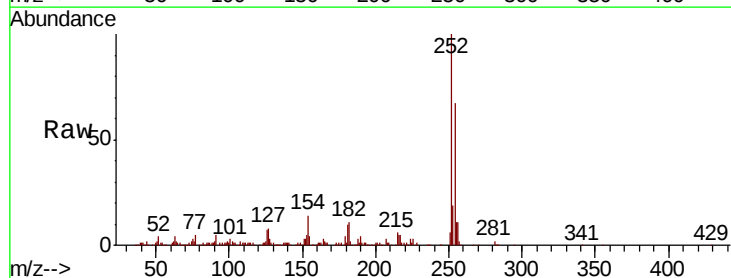
Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Tgt Ion:252 Resp: 222496

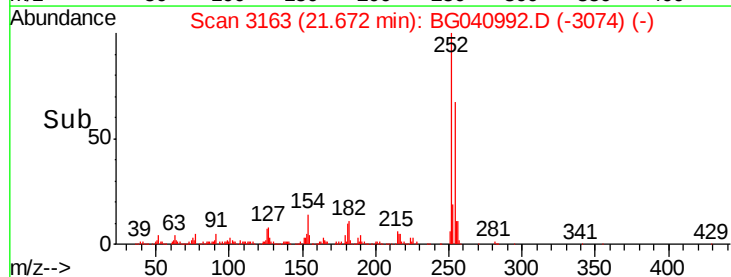
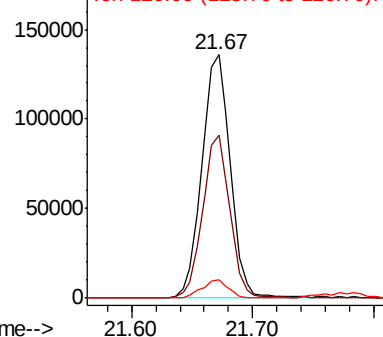
Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.1	78.1
126	7.5	5.5	8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 7.089 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

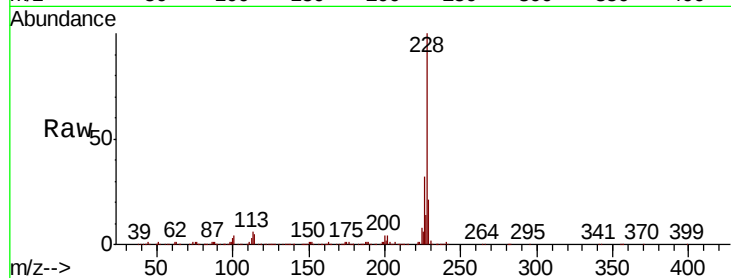
Tot Ion:228 Resp: 854964

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	37.0
229	20.6	16.6	24.8

228 100

226 31.8 24.6 37.0

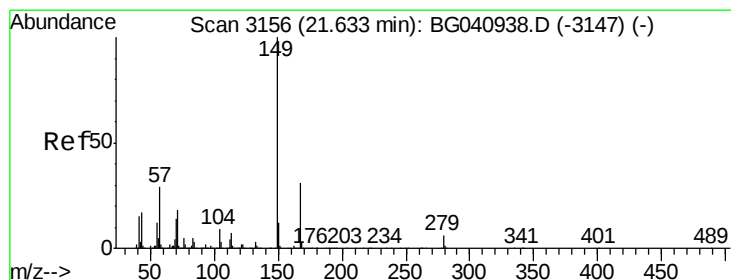
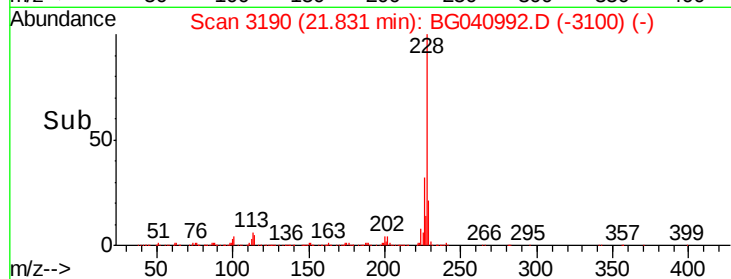
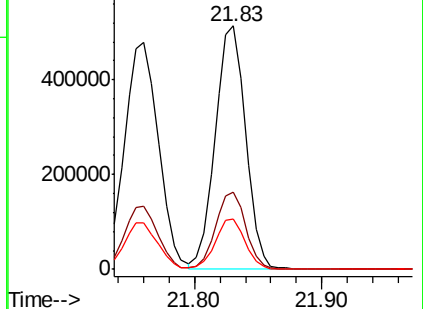
229 20.6 16.6 24.8



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: 6.847 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

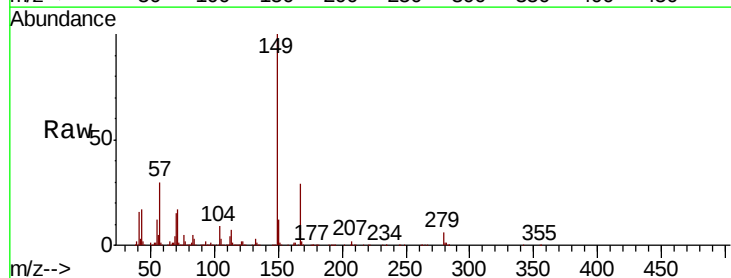
Tgt Ion:149 Resp: 461653

Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.6	37.0
279	6.4	5.0	7.6

149 100

167 29.4 24.6 37.0

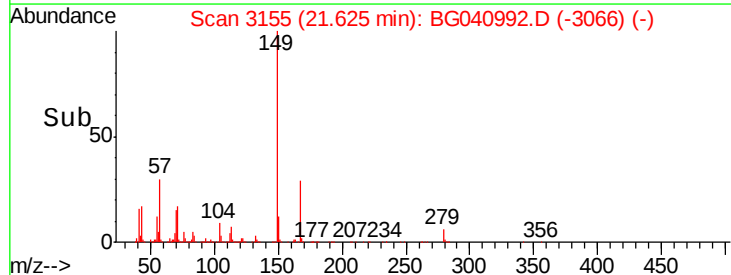
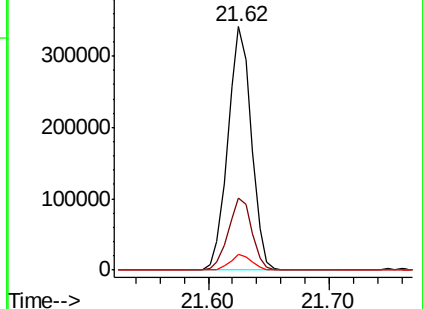
279 6.4 5.0 7.6

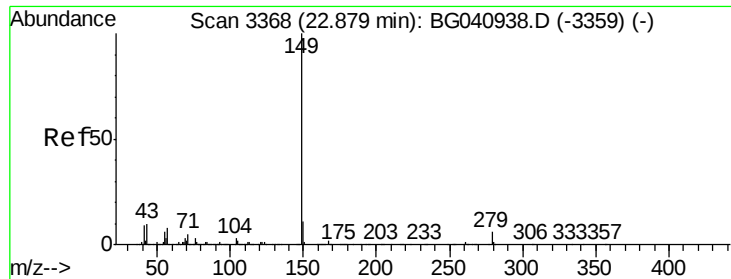


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 6.906 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

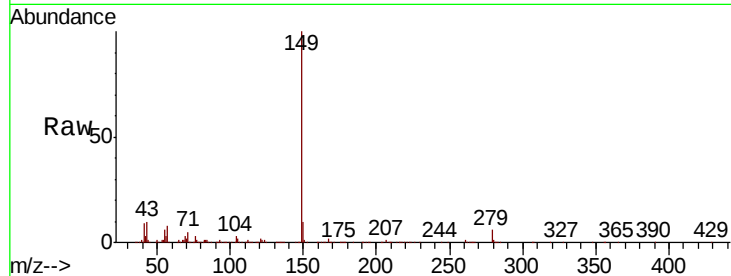
Tot Ion:149 Resp: 775465

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

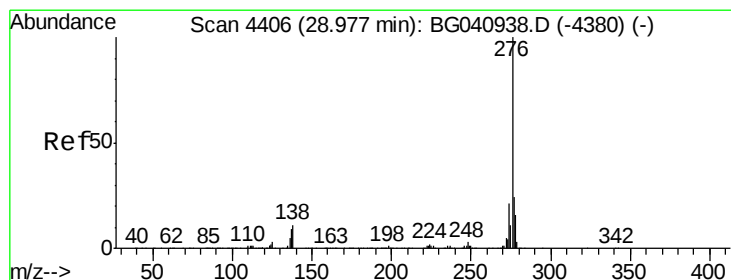
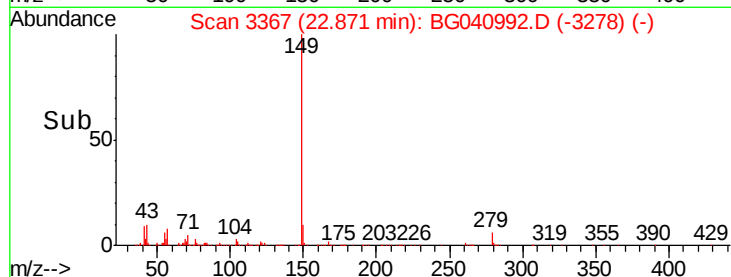
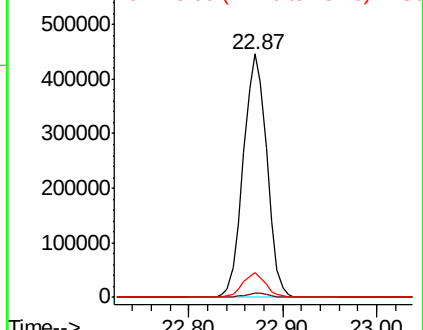
43 9.8 8.1 12.1



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: 6.824 ng

RT: 28.95 min Scan# 4401

Delta R.T. -0.03 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

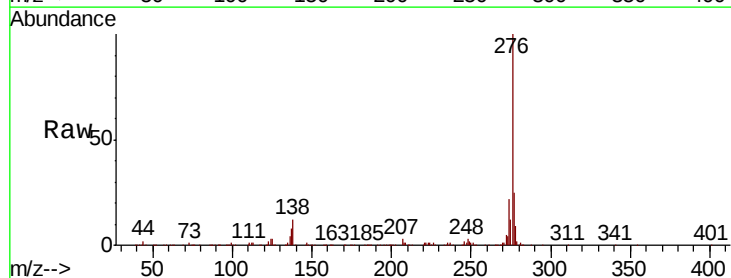
Tgt Ion:276 Resp: 1008138

Ion Ratio Lower Upper

276 100

138 13.5 5.7 8.5#

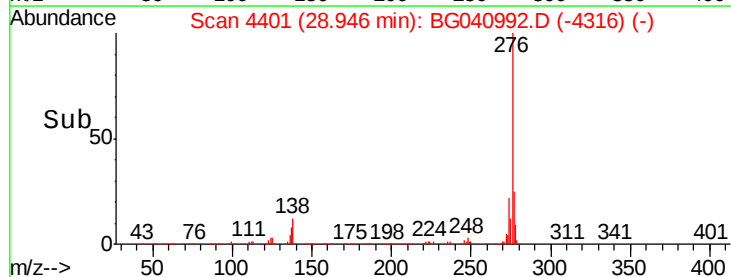
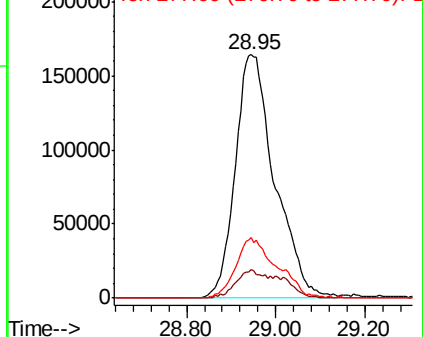
277 25.7 20.8 31.2

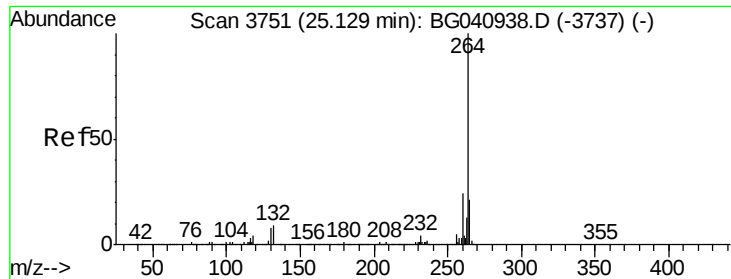


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.13 min Scan# 3752

Delta R.T. 0.00 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

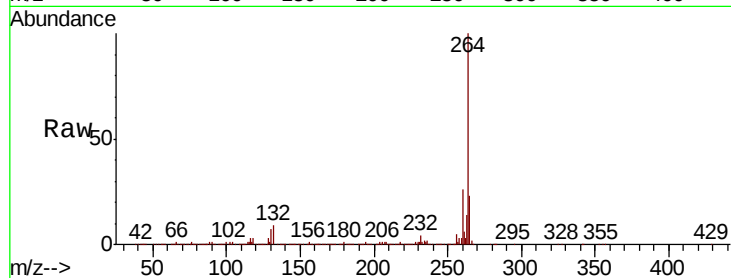
BNA_G

ClientSampleId :

PB120082BS

Tot Ion:264 Resp: 2153600

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.0	28.4
265	23.3	17.0	25.4

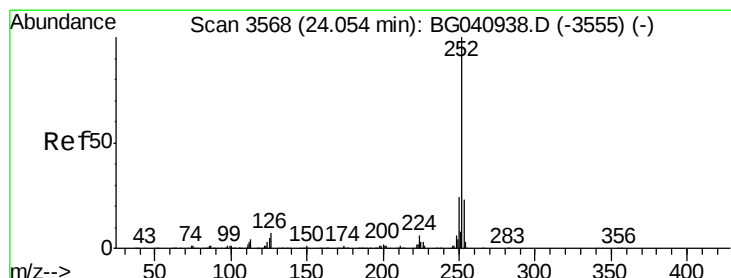
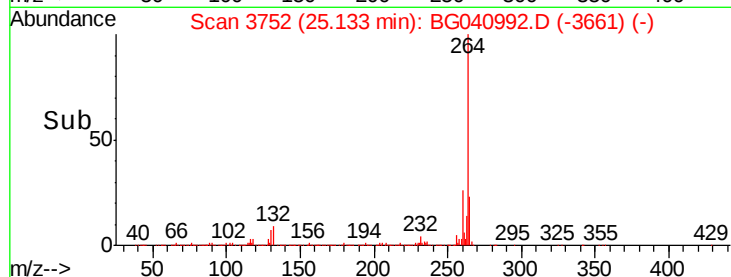
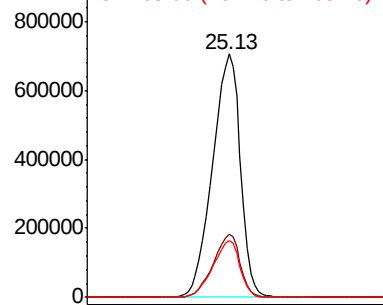


Abundance

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: 6.786 ng

RT: 24.05 min Scan# 3567

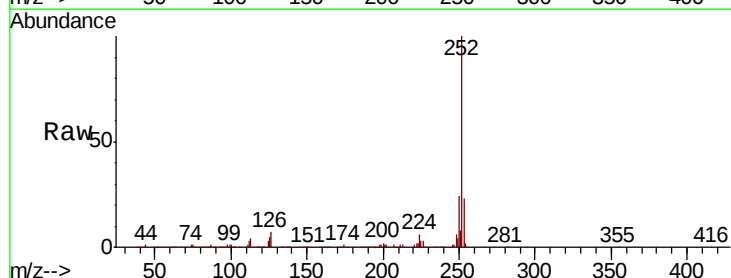
Delta R.T. -0.01 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Tgt Ion:252 Resp: 886449

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	5.4	4.3	6.5

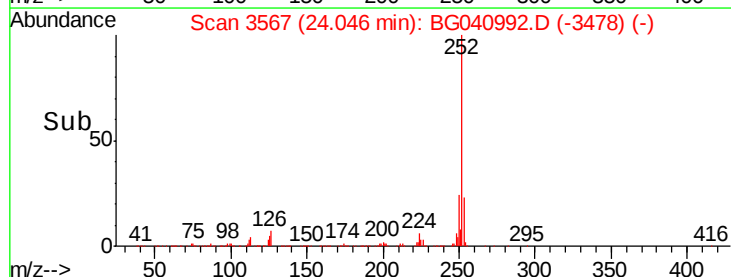
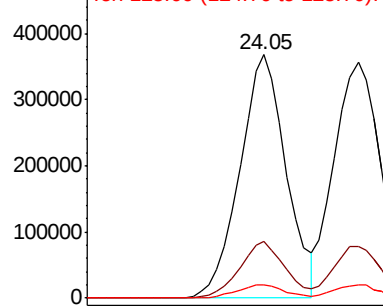


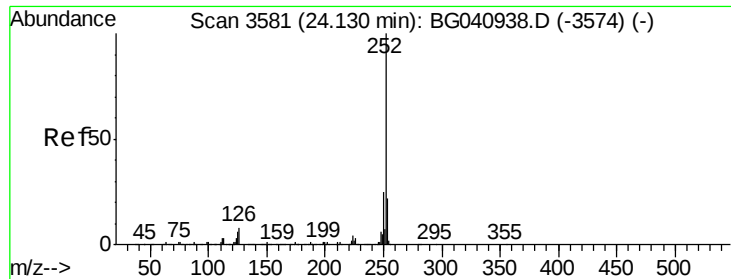
Abundance

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

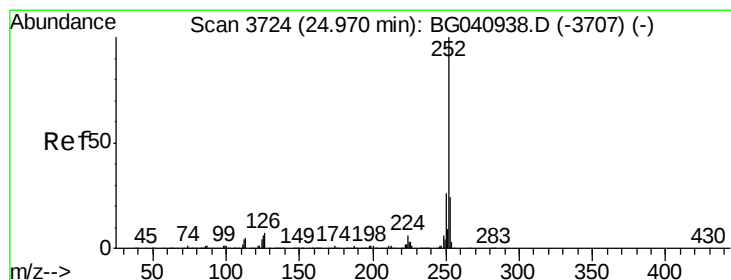
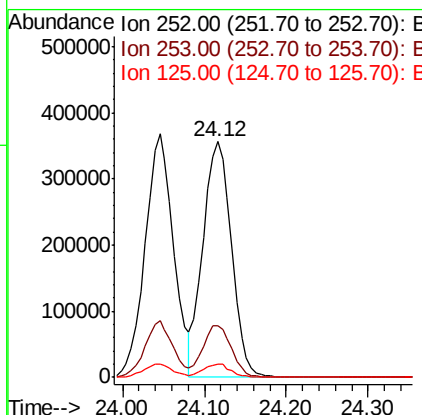
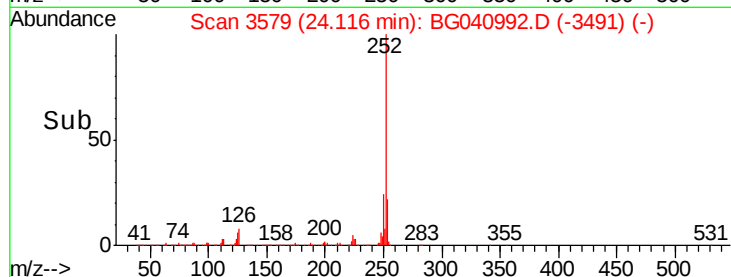
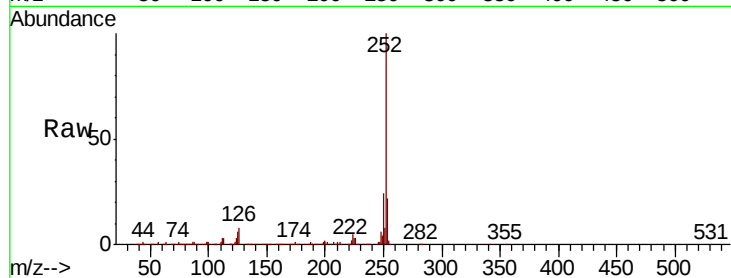




#89
Benzo(k)fluoranthene
Concen: 6.677 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

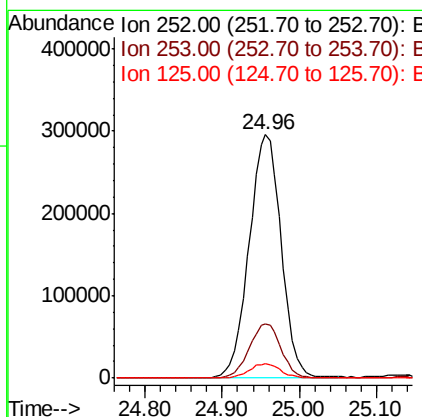
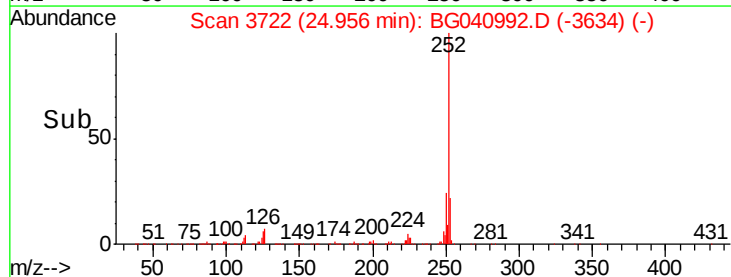
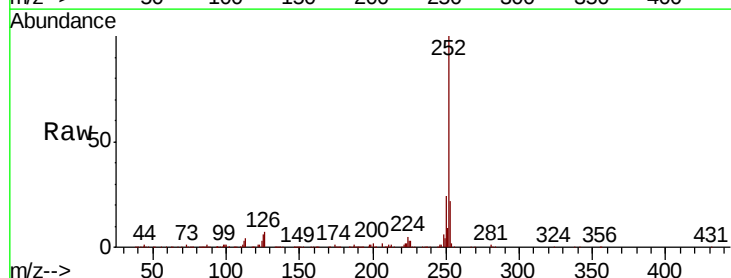
Instrument :
BNA_G
ClientSampleId :
PB120082BS

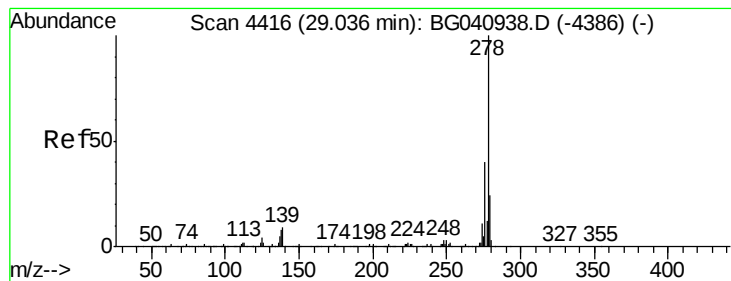
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	5.8	4.7	7.1



#90
Benzo(a)pyrene
Concen: 6.914 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG040992.D
Acq: 1 Jun 2019 1:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.5	29.3
125	5.8	5.1	7.7





#91

Dibenzo(a,h)anthracene

Concen: 6.620 ng

RT: 29.02 min Scan# 4413

Delta R.T. -0.02 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

Instrument :

BNA_G

ClientSampleId :

PB120082BS

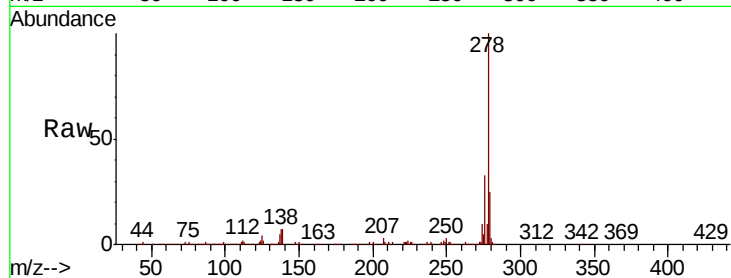
Tot Ion:278 Resp: 824411

Ion Ratio Lower Upper

278 100

139 7.4 7.1 10.7

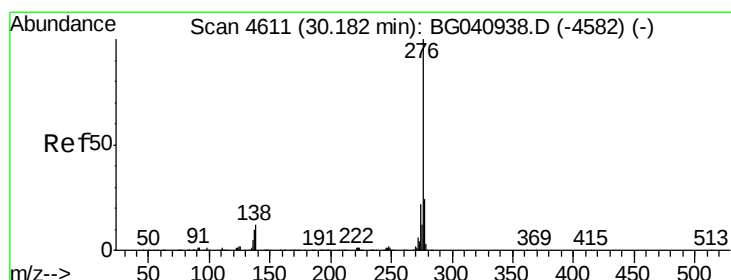
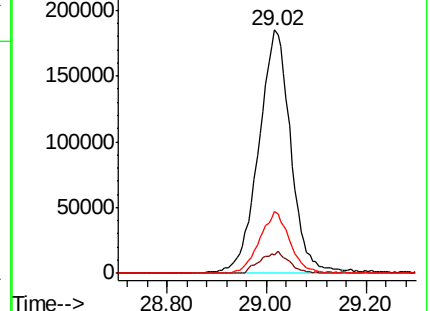
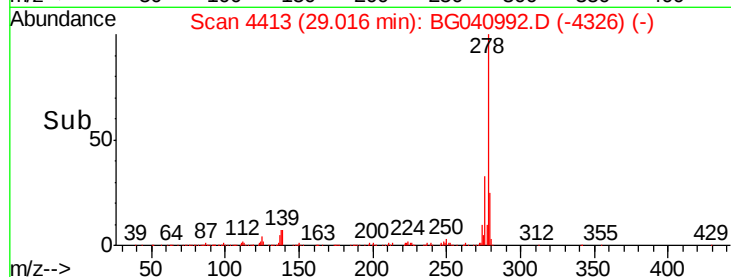
279 25.3 19.4 29.2



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: 6.912 ng

RT: 30.16 min Scan# 4607

Delta R.T. -0.03 min

Lab File: BG040992.D

Acq: 1 Jun 2019 1:35

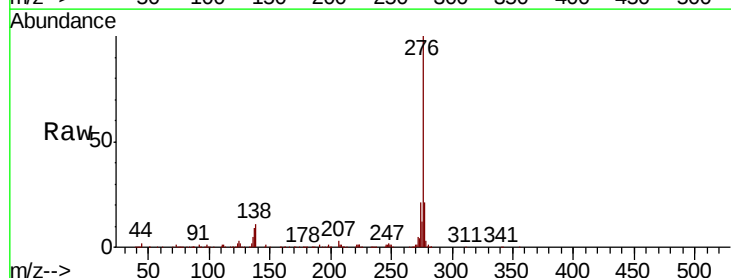
Tgt Ion:276 Resp: 836223

Ion Ratio Lower Upper

276 100

277 21.2 19.4 29.0

138 11.4 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

