

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041034.D
 Acq On : 3 Jun 2019 14:59
 Operator : HP/JU
 Sample : PB120101BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Quant Time: Jun 03 17:46:28 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	62904	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	239942	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	165996	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	431508	20.00	ng	0.00
76) Chrysene-d12	21.78	240	435848	20.00	ng	0.00
87) Perylene-d12	25.12	264	453738	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	514935	147.61	ng	0.00
7) Phenol-d6	7.27	99	712185	132.19	ng	0.00
23) Nitrobenzene-d5	9.30	82	407772	75.45	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	362300	147.02	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	906935	78.68	ng	-0.01
79) Terphenyl-d14	20.09	244	1430308	69.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	46646	29.467	ng	94
3) Pyridine	3.92	79	125809	26.859	ng	98
4) n-Nitrosodimethylamine	3.85	42	71030	32.674	ng	# 85
6) Aniline	7.44	93	127403	17.716	ng	98
8) 2-Chlorophenol	7.68	128	128026	30.784	ng	99
9) Benzaldehyde	7.25	77	50627	15.753	ng	# 78
10) Phenol	7.30	94	173631	30.058	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	122757	29.294	ng	93
12) 1,3-Dichlorobenzene	8.01	146	145892	29.371	ng	96
13) 1,4-Dichlorobenzene	8.15	146	142930	28.427	ng	98
14) 1,2-Dichlorobenzene	8.47	146	141481	28.981	ng	97
15) Benzyl Alcohol	8.36	79	144555	29.006	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	192271	28.078	ng	98
17) 2-Methylphenol	8.55	107	121074	28.948	ng	97
18) Hexachloroethane	9.21	117	57054	29.442	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	113375	27.346	ng	98
20) 3+4-Methylphenols	8.88	107	161120	27.810	ng	98
22) Acetophenone	8.95	105	214470	31.864	ng	98
24) Nitrobenzene	9.34	77	177437	32.214	ng	98
25) Isophorone	9.85	82	317831	30.900	ng	98
26) 2-Nitrophenol	10.05	139	75958	33.451	ng	92
27) 2,4-Dimethylphenol	10.09	122	133197	35.517	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	168788	30.404	ng	98
29) 2,4-Dichlorophenol	10.58	162	146805	30.827	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	167053	30.836	ng	96
31) Naphthalene	10.99	128	408061	31.675	ng	98
32) Benzoic acid	10.22	122	81198	31.259	ng	100
33) 4-Chloroaniline	11.10	127	90301	15.107	ng	96
34) Hexachlorobutadiene	11.26	225	123386	29.766	ng	96
35) Caprolactam	11.88	113	47511	30.211	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	171119	31.463	ng	96
37) 2-Methylnaphthalene	12.59	142	304251	30.664	ng	97
38) 1-Methylnaphthalene	12.81	142	289759	30.991	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	225571	33.715	ng	98

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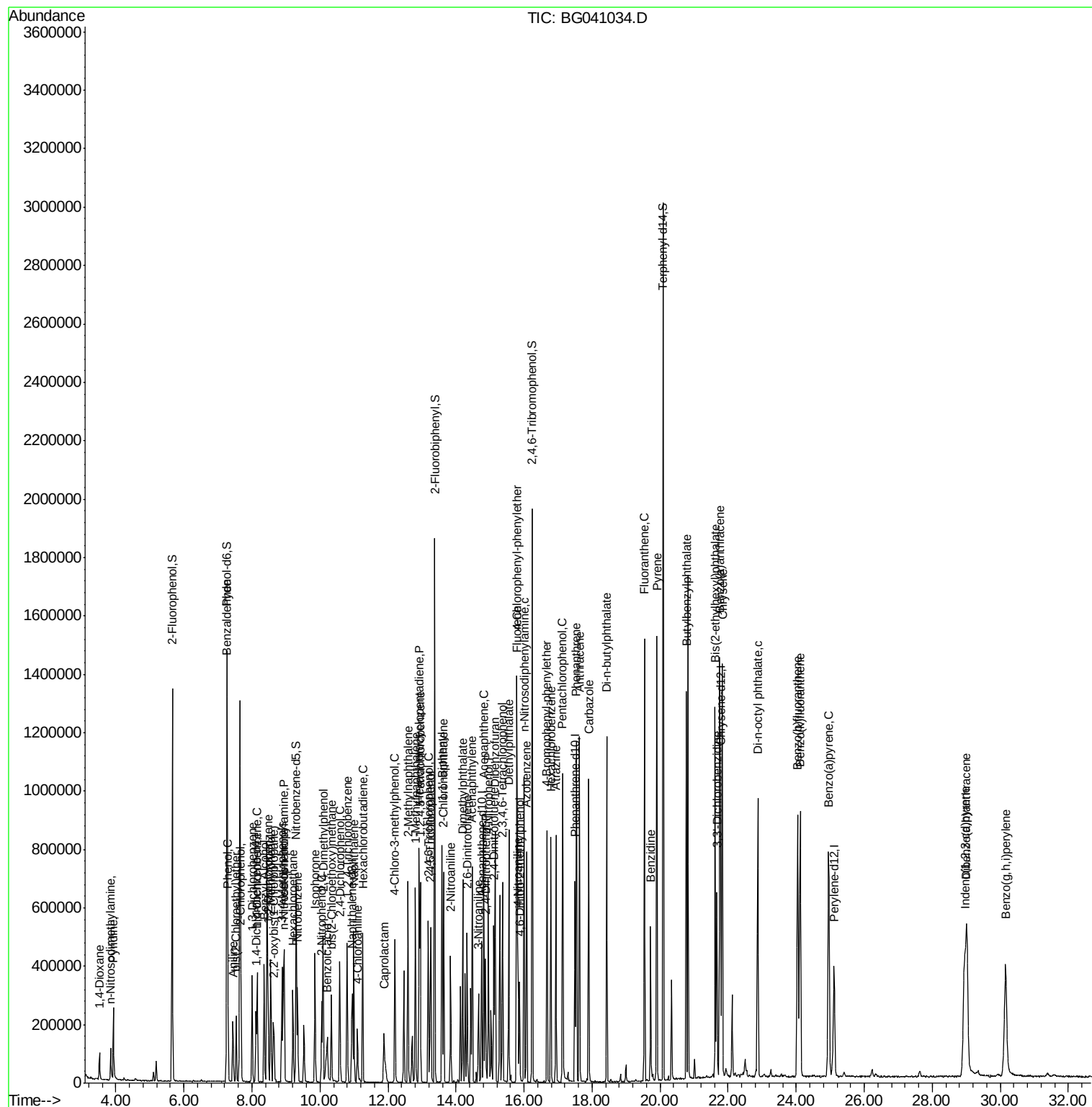
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	250417	70.696	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	145186	33.544	nq	95
44) 2,4,5-Trichlorophenol	13.26	196	151818	33.259	nq	99
46) 1,1'-Biphenyl	13.59	154	413663	33.666	nq	99
47) 2-Chloronaphthalene	13.64	162	345883	32.790	nq	98
48) 2-Nitroaniline	13.84	65	125253	33.098	nq	99
49) Acenaphthylene	14.48	152	537401	33.850	nq	99
50) Dimethylphthalate	14.19	163	452024	32.169	nq	99
51) 2,6-Dinitrotoluene	14.33	165	97847	32.296	nq	94
52) Acenaphthene	14.82	154	314190	32.668	nq	96
53) 3-Nitroaniline	14.66	138	71021	23.443	nq	100
54) 2,4-Dinitrophenol	14.86	184	100958	68.456	nq	94
55) Dibenzofuran	15.15	168	539115	33.313	nq	99
56) 4-Nitrophenol	14.95	139	156117	75.129	nq	94
57) 2,4-Dinitrotoluene	15.11	165	142541	33.307	nq	98
58) Fluorene	15.80	166	425035	32.979	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	160285	35.731	nq	97
60) Diethylphthalate	15.55	149	461540	32.185	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	269201	32.136	nq	98
62) 4-Nitroaniline	15.82	138	102096	31.832	nq	96
63) Azobenzene	16.07	77	436057	33.456	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	78408	36.431	nq	96
66) n-Nitrosodiphenylamine	16.00	169	394628	32.533	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	178534	30.658	nq	96
68) Hexachlorobenzene	16.79	284	184569	29.765	nq	99
69) Atrazine	16.94	200	169536	36.222	nq	94
70) Pentachlorophenol	17.14	266	213854	65.209	nq	97
71) Phenanthrene	17.54	178	749431	33.343	nq	99
72) Anthracene	17.63	178	771282	34.793	nq	99
73) Carbazole	17.90	167	669515	35.199	nq	100
74) Di-n-butylphthalate	18.43	149	785531	33.228	nq	98
75) Fluoranthene	19.54	202	975289	35.130	nq	98
77) Benzidine	19.72	184	304028	29.241	nq	97
78) Pyrene	19.90	202	985815	34.794	nq	98
80) Butylbenzylphthalate	20.77	149	369921	33.550	nq	98
81) Benzo(a)anthracene	21.75	228	962796	33.185	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	238437	23.366	nq	96
83) Chrysene	21.83	228	938868	33.816	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	505626	32.576	nq	98
85) Di-n-octyl phthalate	22.87	149	864348	33.437	nq	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1099026	32.314	nq	# 98
88) Benzo(b)fluoranthene	24.04	252	960111	34.887	nq	100
89) Benzo(k)fluoranthene	24.12	252	957818	35.170	nq	100
90) Benzo(a)pyrene	24.96	252	949051	36.145	nq	97
91) Dibenzo(a,h)anthracene	29.01	278	887789	33.838	nq	98
92) Benzo(g,h,i)perylene	30.16	276	895684	35.140	nq	97

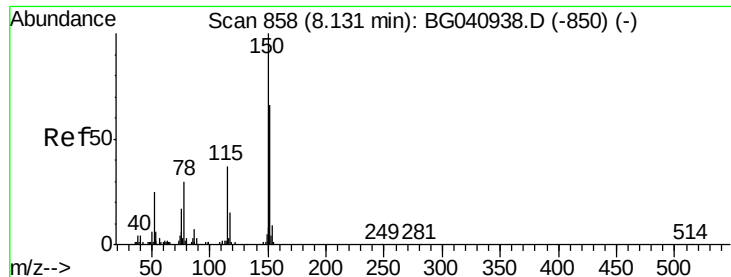
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

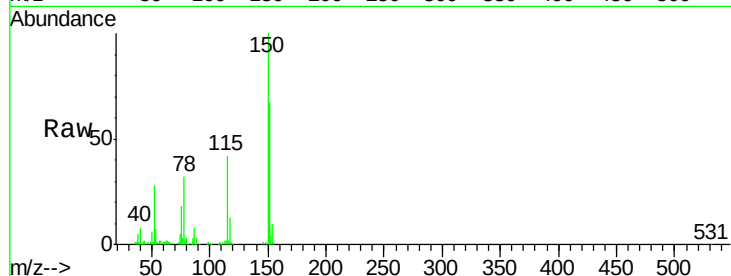
Tot Ion:152 Resp: 62904

Ion Ratio Lower Upper

152 100

150 149.9 120.6 180.8

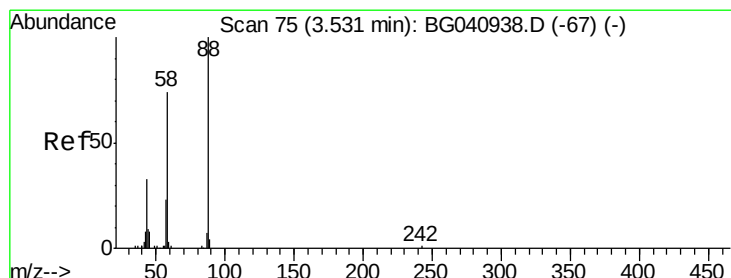
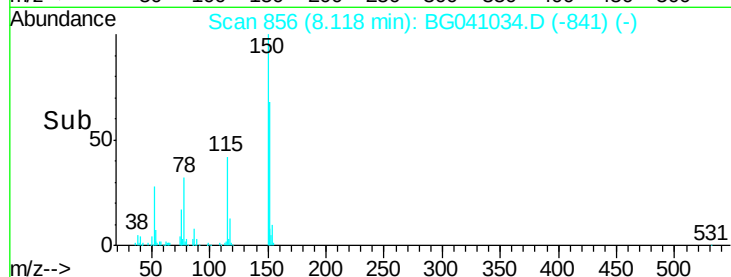
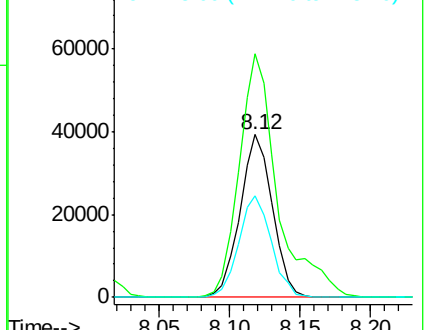
115 62.5 45.1 67.7



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: 29.467 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

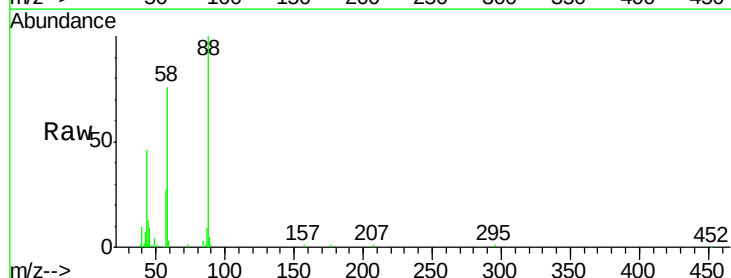
Tgt Ion: 88 Resp: 46646

Ion Ratio Lower Upper

88 100

58 78.3 59.0 88.6

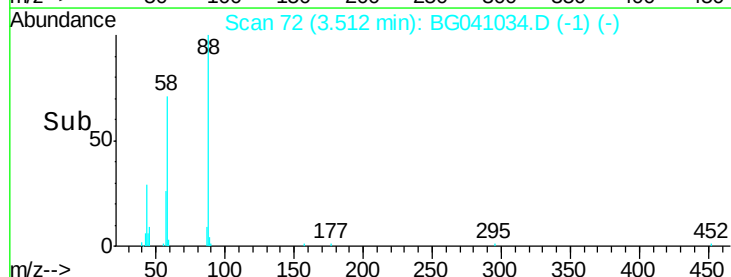
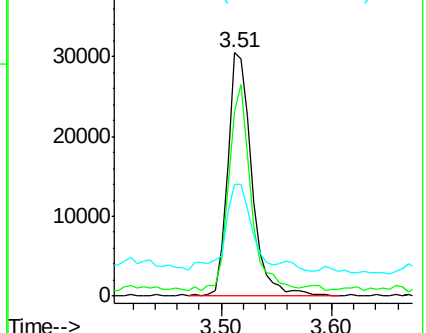
43 37.5 27.2 40.8

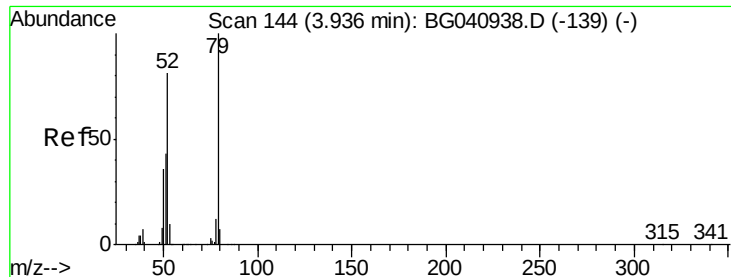


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.859 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

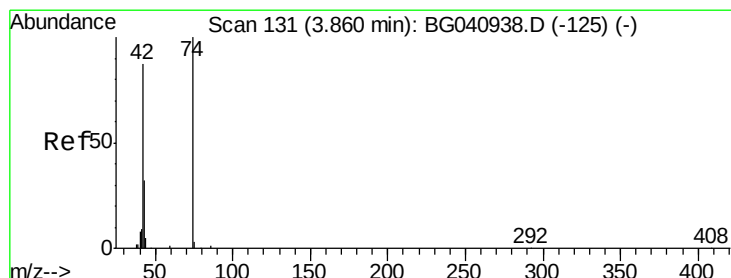
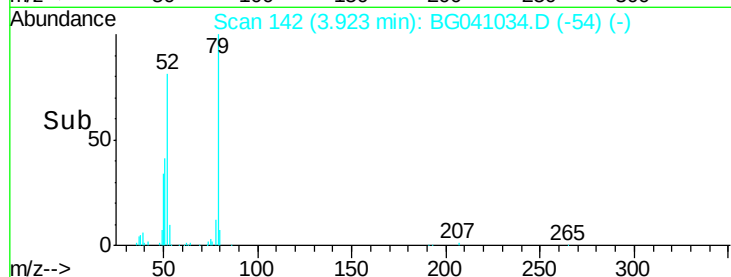
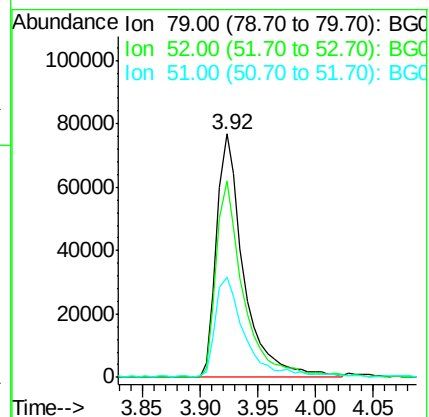
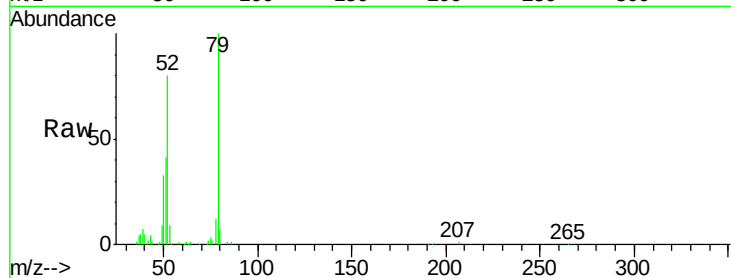
Tot Ion: 79 Resp: 125809

Ion Ratio Lower Upper

79 100

52 80.5 64.8 97.2

51 41.0 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 32.674 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

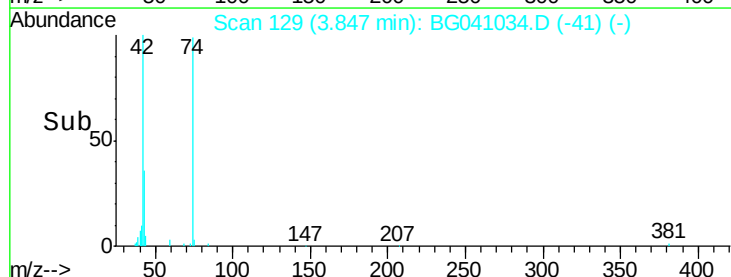
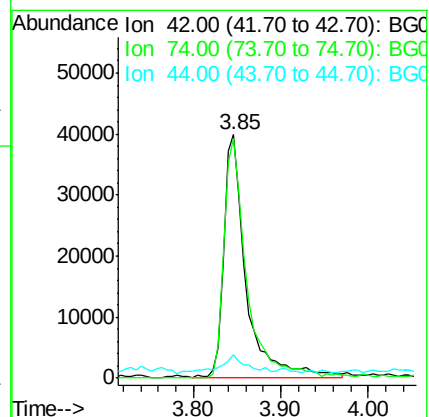
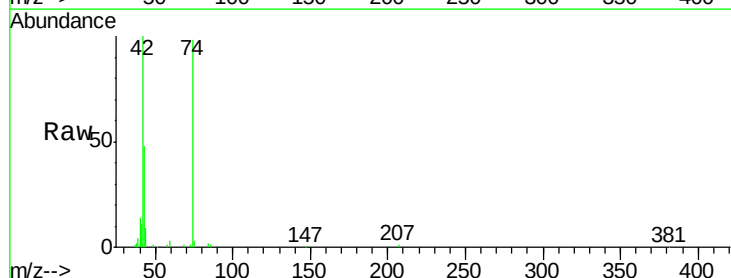
Tgt Ion: 42 Resp: 71030

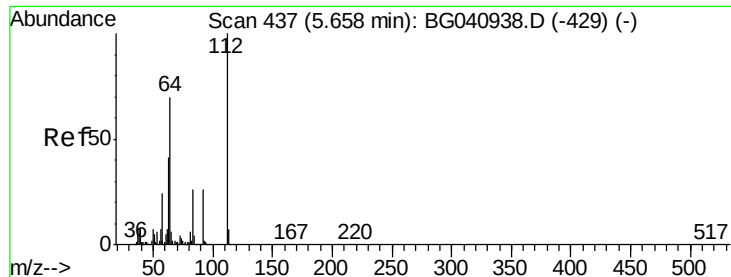
Ion Ratio Lower Upper

42 100

74 98.3 91.8 137.6

44 9.4 6.0 9.0#





#5

2-Fluorophenol

Concen: 147.612 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041034.D

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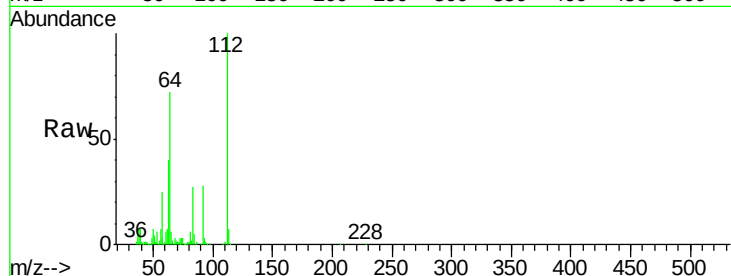
Tot Ion:112 Resp: 514935

Ion Ratio Lower Upper

112 100

64 72.2 56.2 84.2

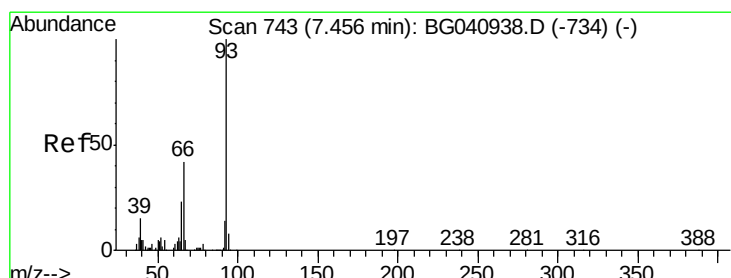
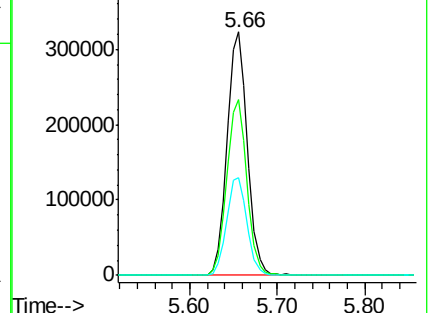
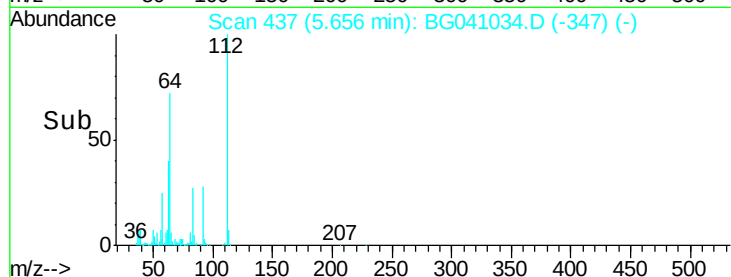
63 39.9 32.8 49.2



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: 17.716 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

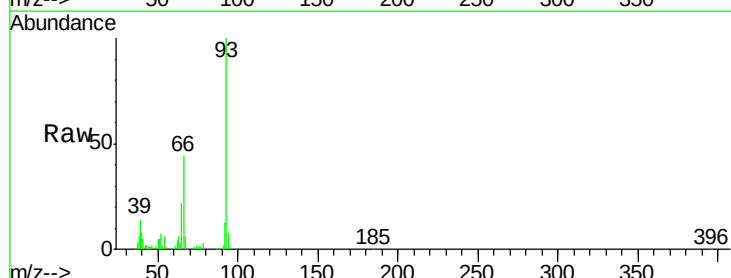
Tgt Ion: 93 Resp: 127403

Ion Ratio Lower Upper

93 100

66 43.6 33.8 50.8

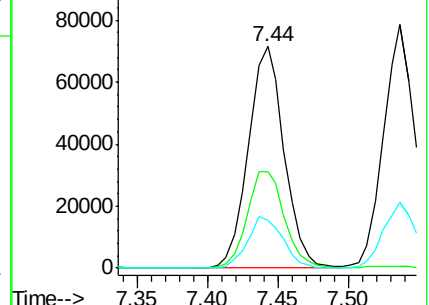
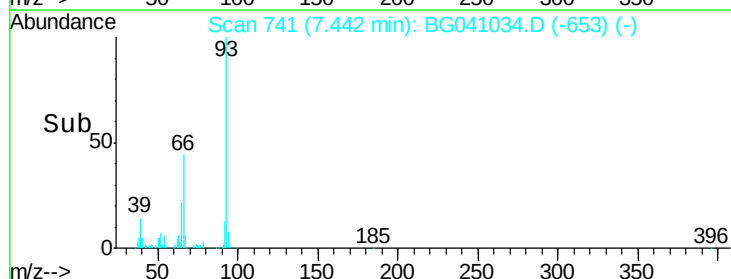
65 21.6 18.3 27.5

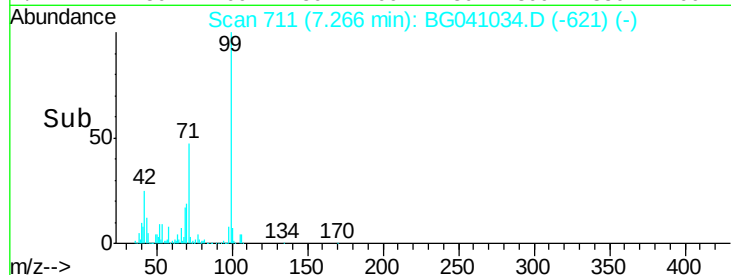
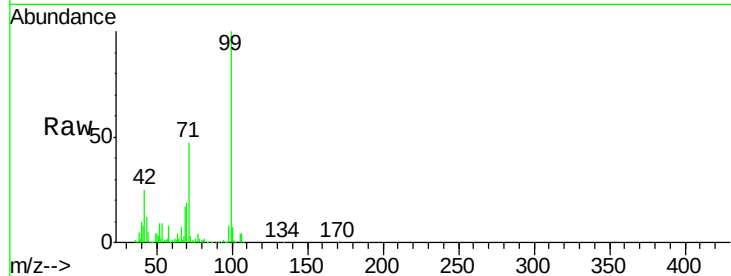
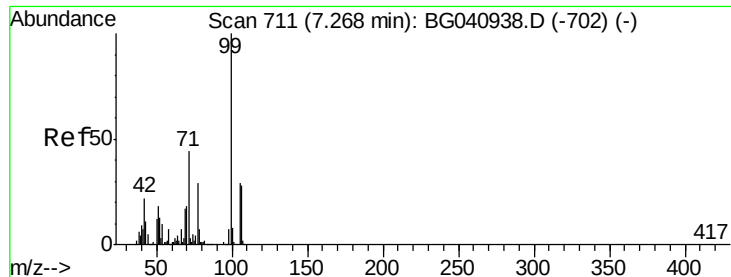


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.191 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

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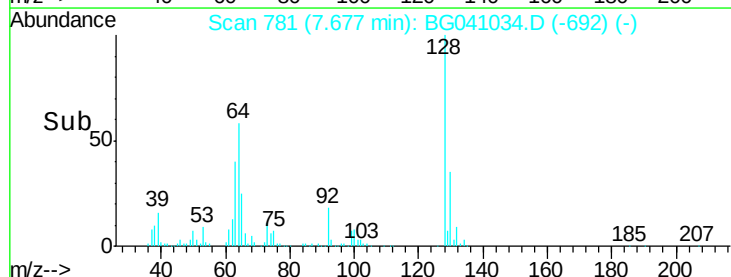
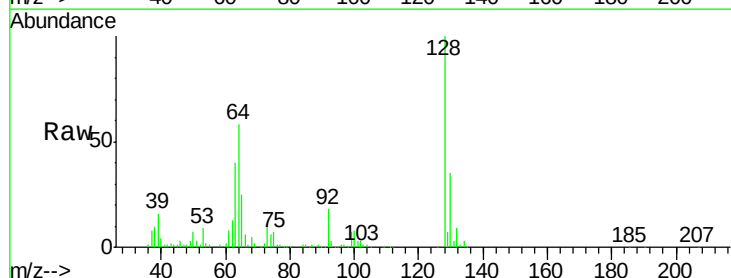
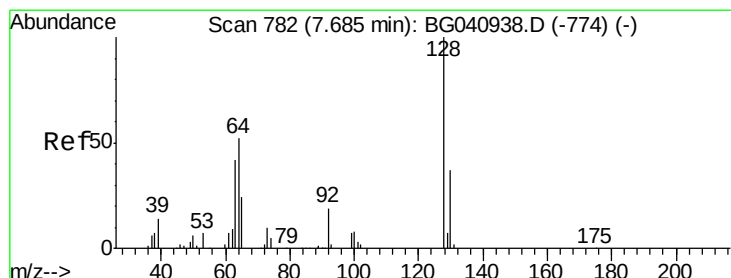
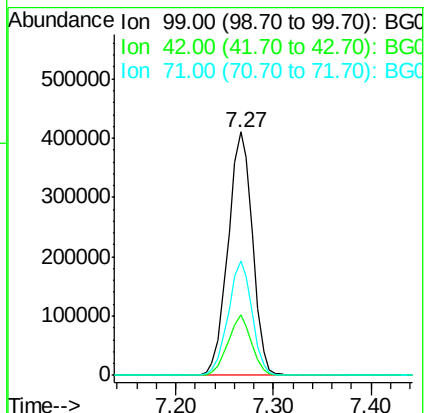
Tot Ion: 99 Resp: 712185

Ion Ratio Lower Upper

99 100

42 24.9 17.9 26.9

71 46.9 35.4 53.0



#8

2-Chlorophenol

Concen: 30.784 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

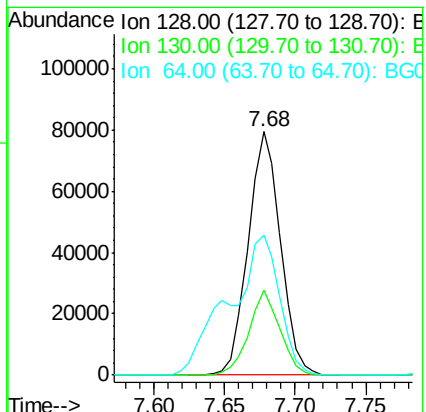
Tgt Ion:128 Resp: 128026

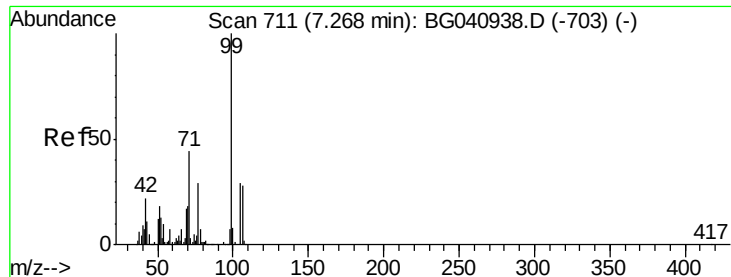
Ion Ratio Lower Upper

128 100

130 35.1 16.6 56.6

64 57.5 37.8 77.8





#9

Benzaldehyde

Concen: 15.753 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

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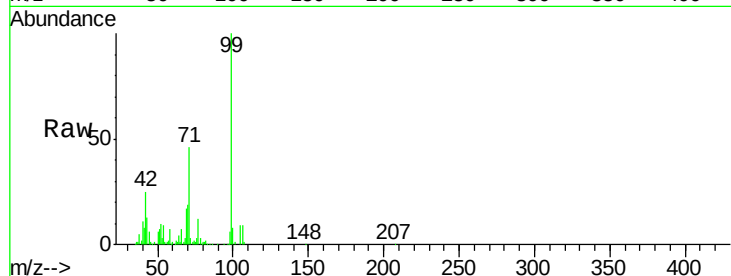
Tot Ion: 77 Resp: 50627

Ion Ratio Lower Upper

77 100

105 76.3 78.9 118.9#

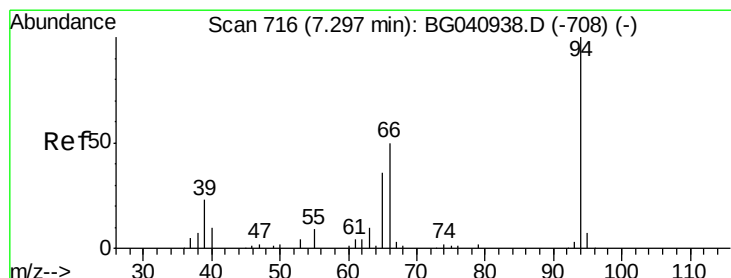
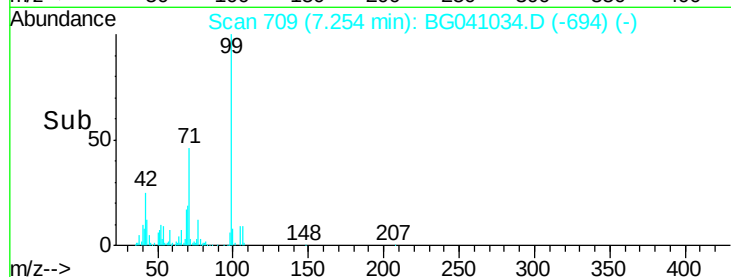
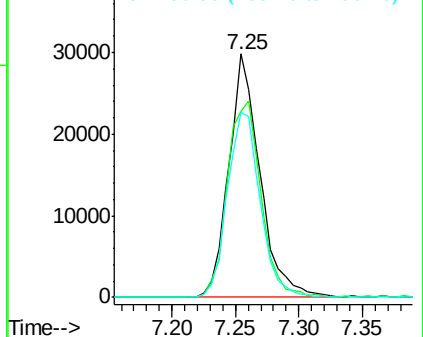
106 75.9 76.7 116.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 30.058 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

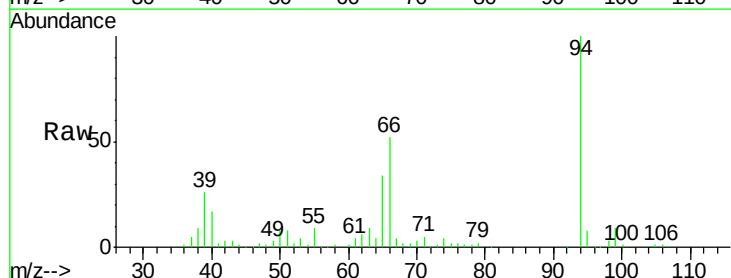
Tgt Ion: 94 Resp: 173631

Ion Ratio Lower Upper

94 100

65 33.5 17.0 57.0

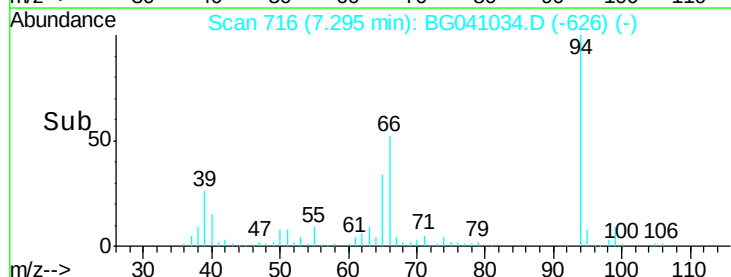
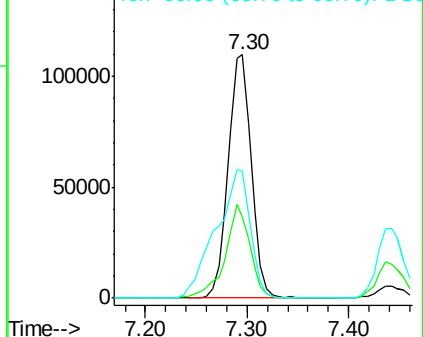
66 52.2 32.4 72.4

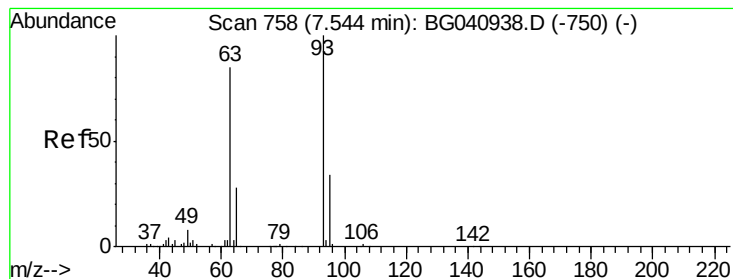


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

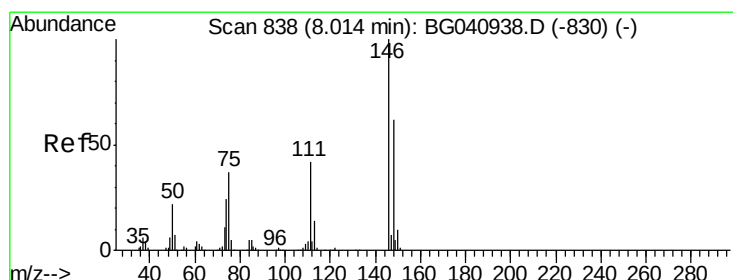
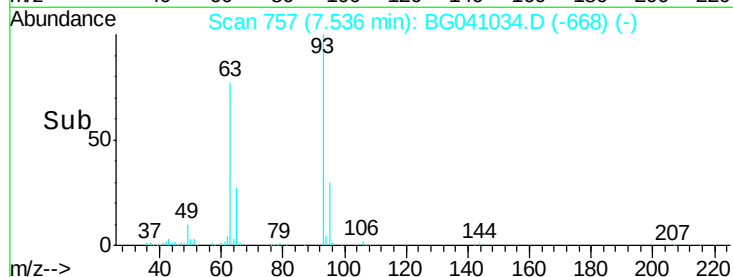
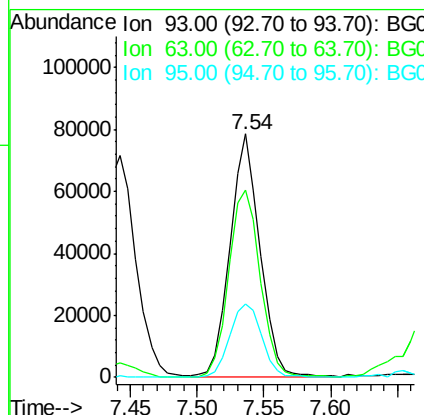
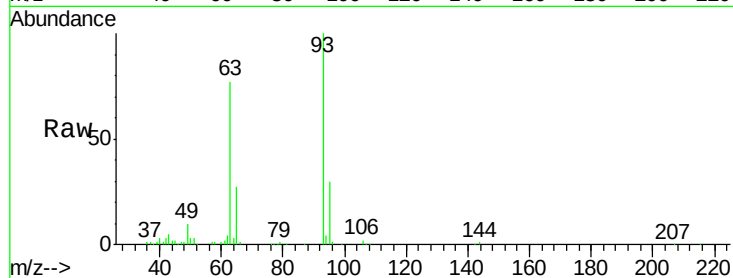




#11
bis(2-Chloroethyl)ether
Concen: 29.294 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

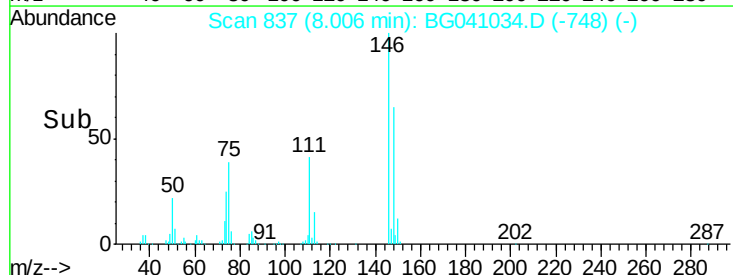
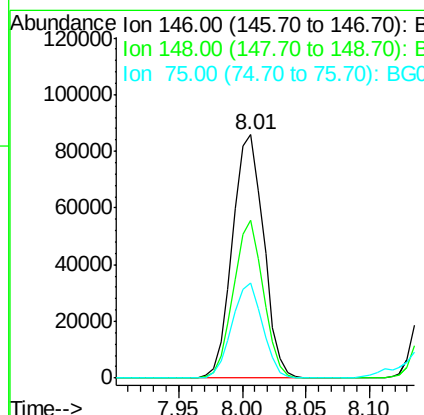
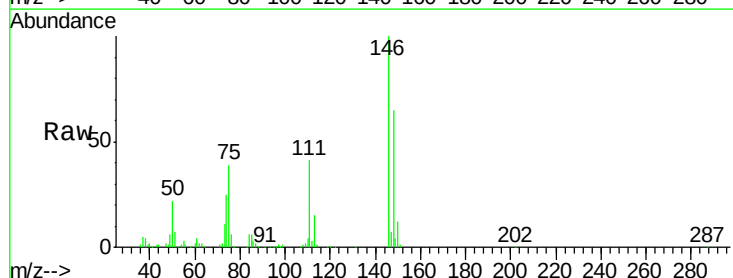
Instrument :
BNA_G
ClientSampleId :
PB120101BS

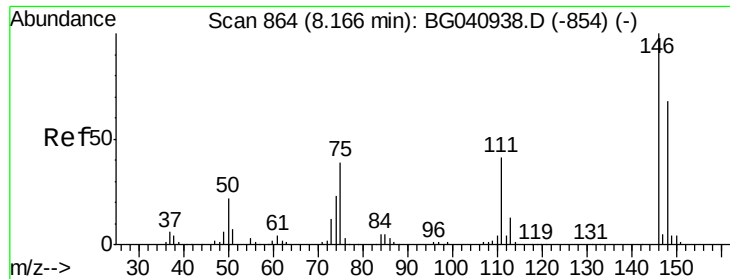
Tot Ion: 93 Resp: 122757
Ion Ratio Lower Upper
93 100
63 77.0 64.5 104.5
95 30.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 29.371 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion: 146 Resp: 145892
Ion Ratio Lower Upper
146 100
148 64.8 49.2 73.8
75 39.1 29.4 44.0

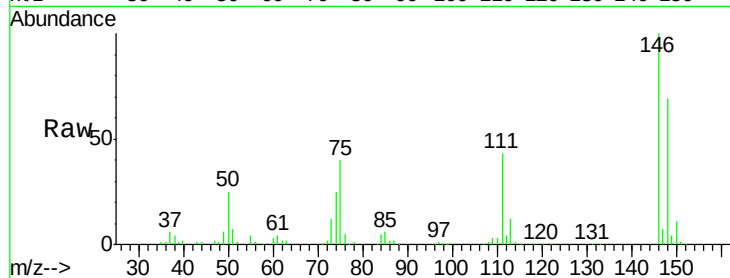




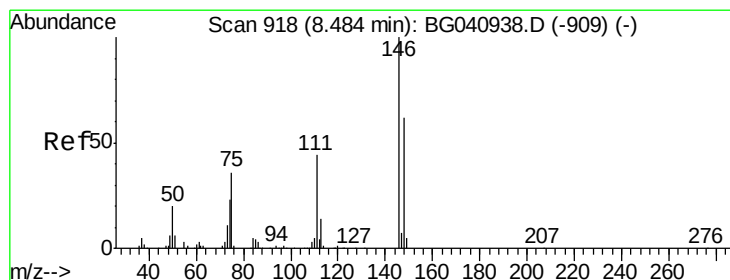
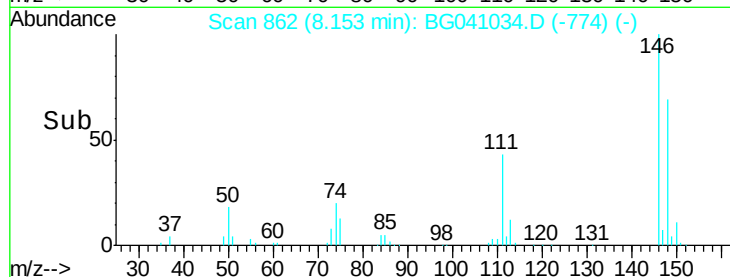
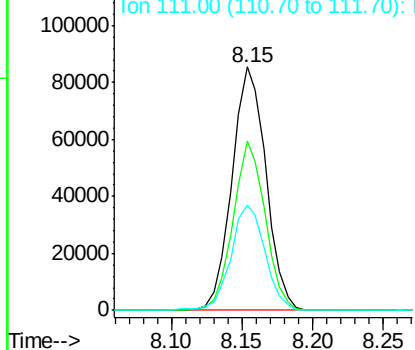
#13
 1,4-Dichlorobenzene
 Concen: 28.427 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion:146 Resp: 142930
 Ion Ratio Lower Upper
 146 100
 148 69.3 54.2 81.4
 111 43.2 32.9 49.3

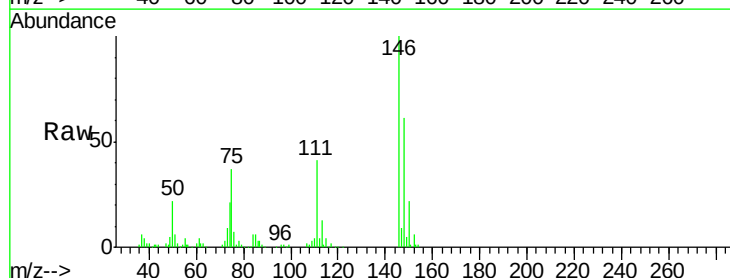


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

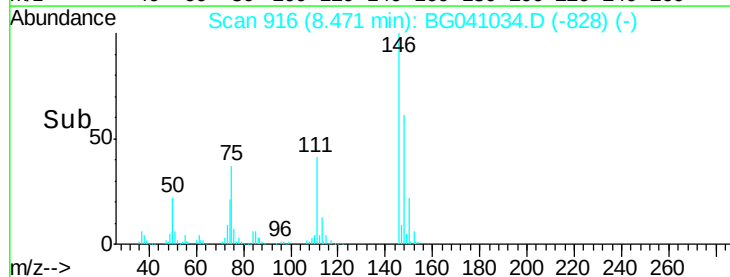
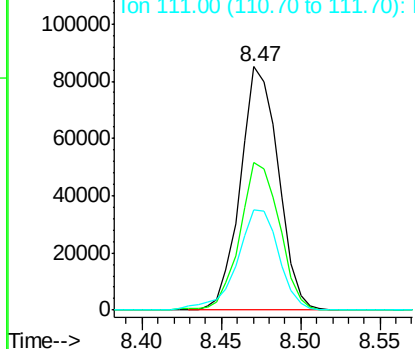


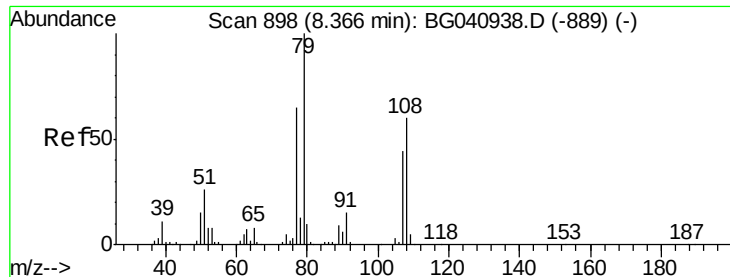
#14
 1,2-Dichlorobenzene
 Concen: 28.981 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:146 Resp: 141481
 Ion Ratio Lower Upper
 146 100
 148 60.7 49.8 74.6
 111 41.1 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 29.006 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

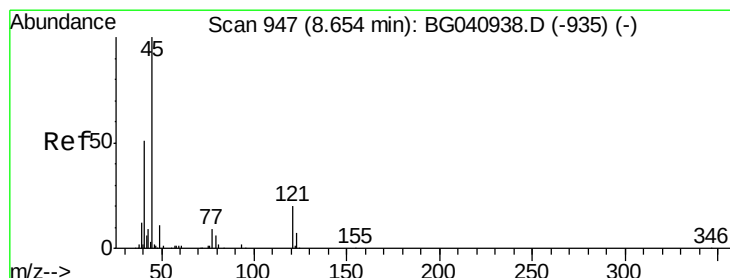
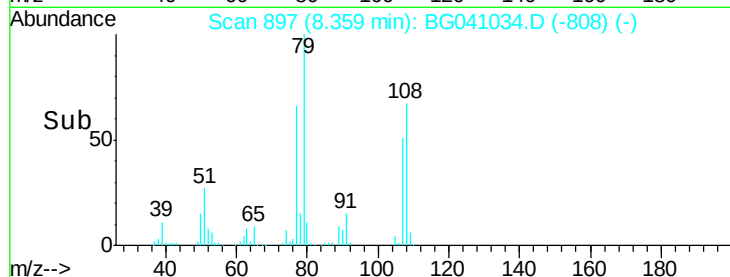
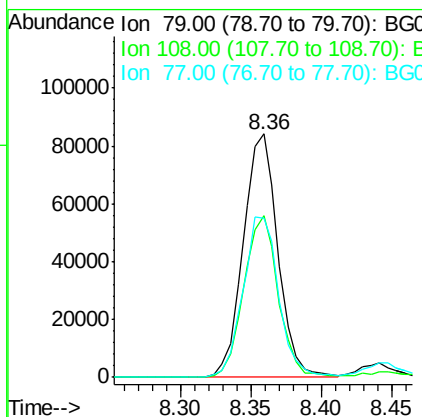
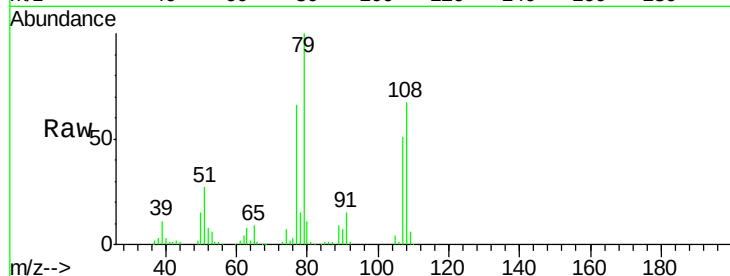
Tot Ion: 79 Resp: 144555

Ion Ratio Lower Upper

79 100

108 66.5 48.3 72.5

77 65.6 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.078 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

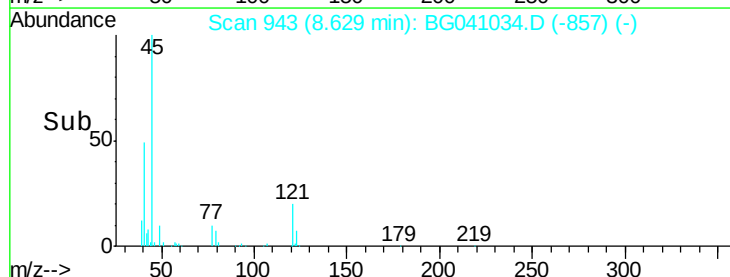
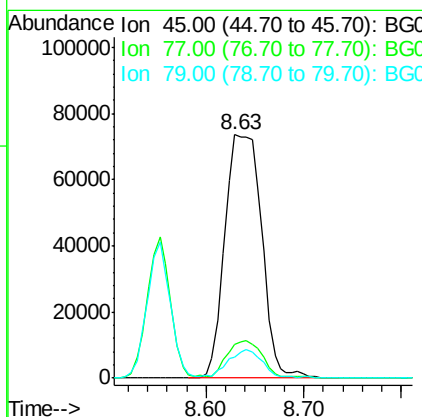
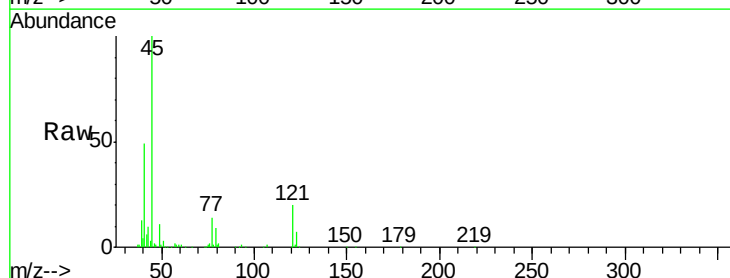
Tgt Ion: 45 Resp: 192271

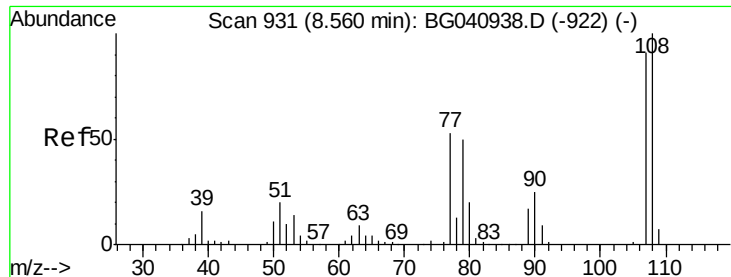
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.7

79 8.7 0.0 30.2

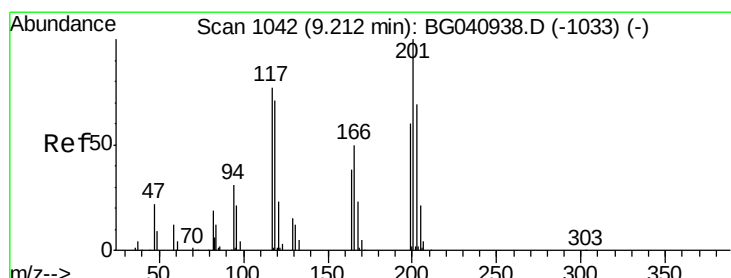
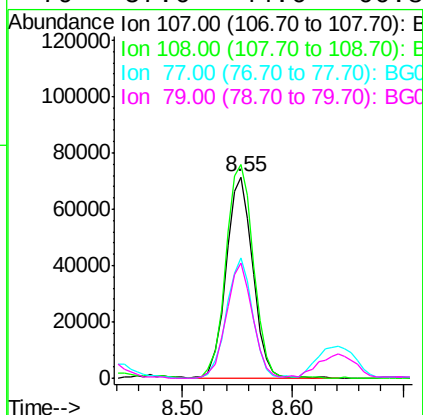
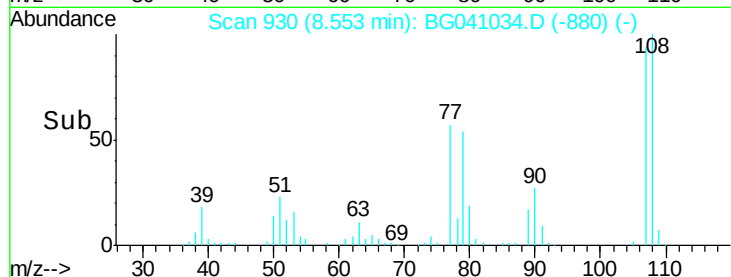
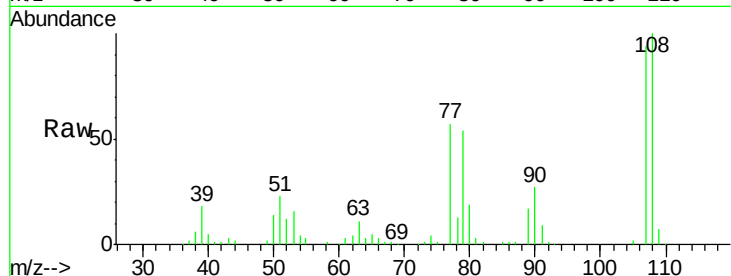




#17
2-Methylphenol
Concen: 28.948 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

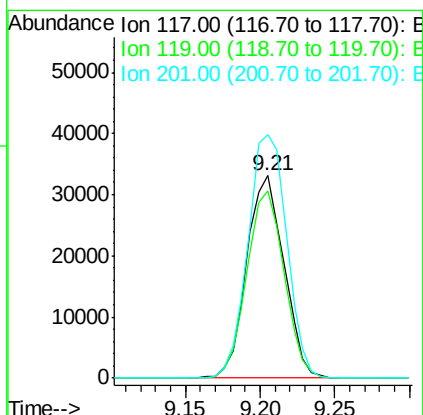
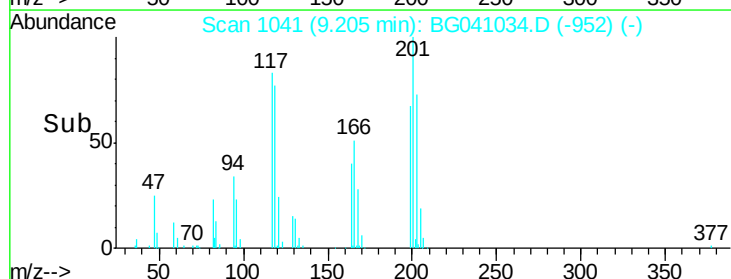
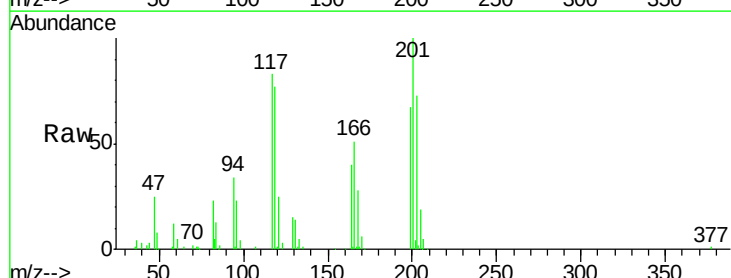
Instrument :
BNA_G
ClientSampleId :
PB120101BS

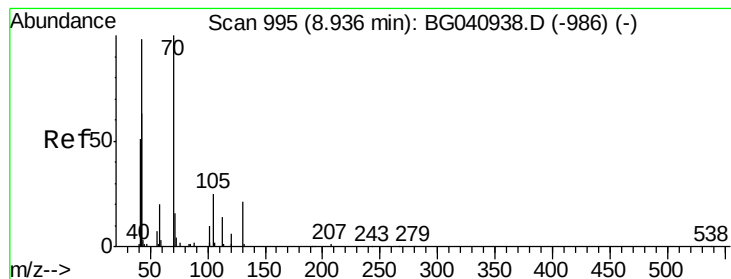
Tot Ion	Ratio	Lower	Upper
107	100		
108	106.2	87.7	131.5
77	60.1	46.6	70.0
79	57.6	44.6	66.8



#18
Hexachloroethane
Concen: 29.442 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.0	112.6
201	120.4	103.5	155.3





#19

n-Nitroso-di-n-propylamine

Concen: 27.346 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 70 Resp: 113375

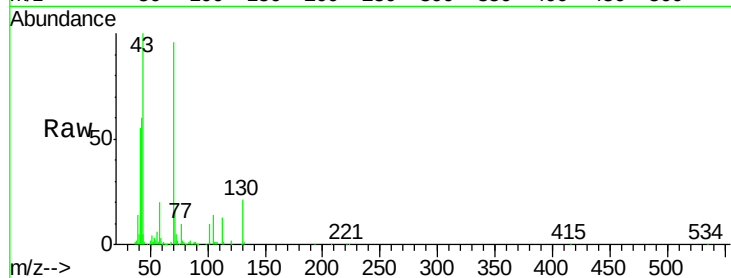
Ion Ratio Lower Upper

70 100

42 62.4 51.5 77.3

101 10.1 8.1 12.1

130 21.6 16.6 24.8



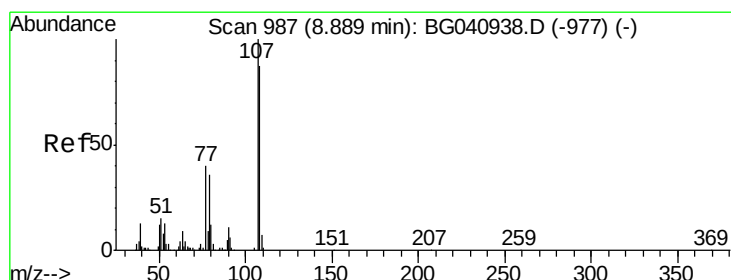
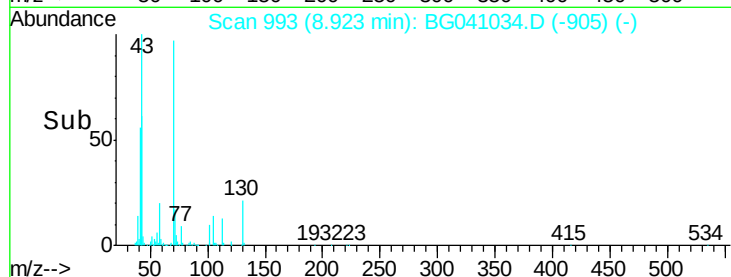
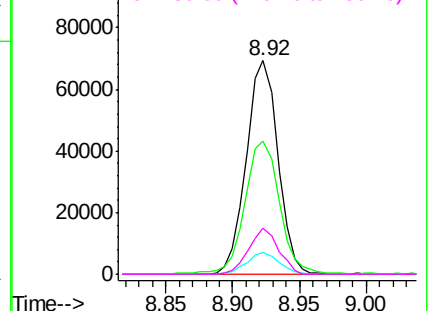
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 27.810 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion: 107 Resp: 161120

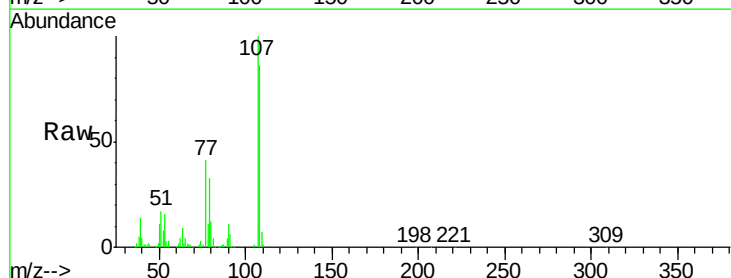
Ion Ratio Lower Upper

107 100

108 86.1 66.8 106.8

77 41.3 20.5 60.5

79 32.8 15.8 55.8



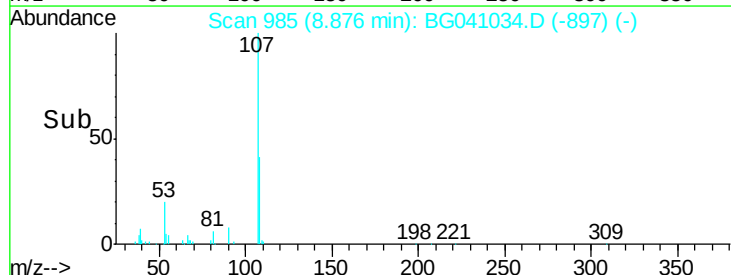
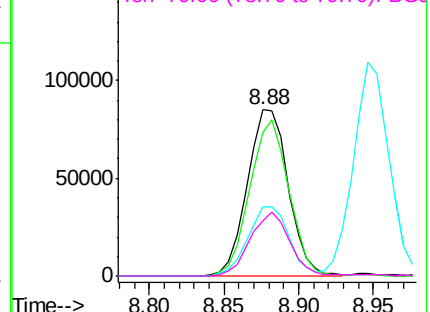
Abundance

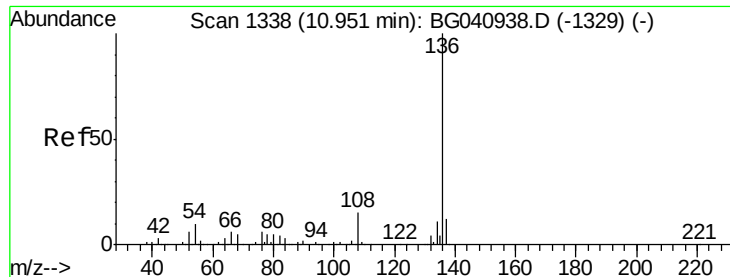
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

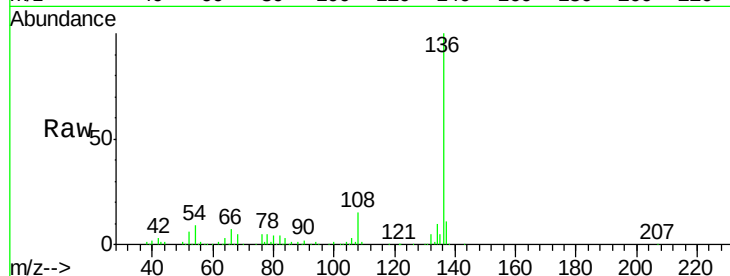




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:136	Resp:	239942	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.5	14.3	
54 9.5	7.6	11.4	
68 5.2	3.9	5.9	

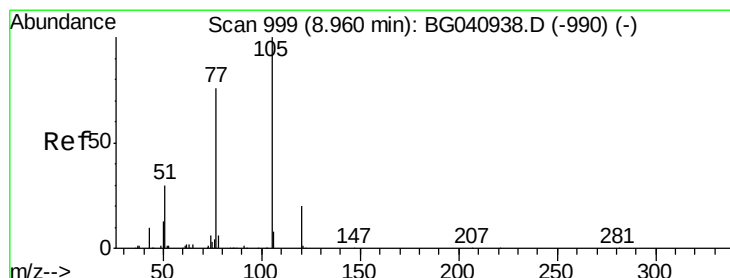
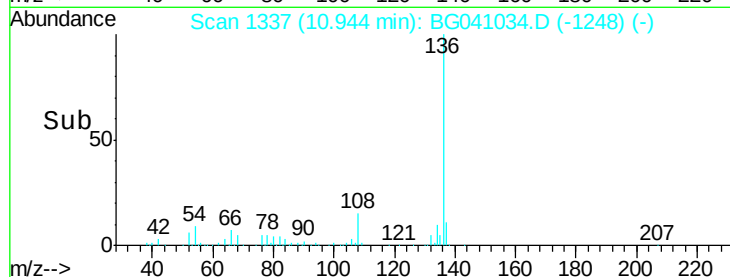
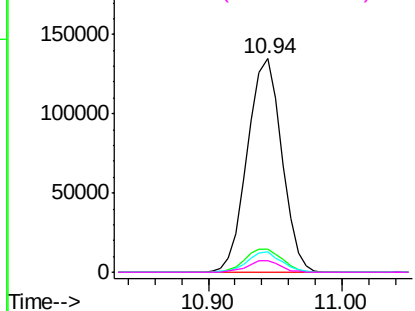


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

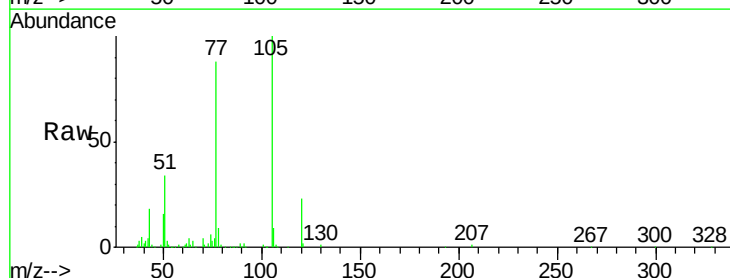
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 31.864 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt	Ion:105	Resp:	214470
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	33.8	27.0	40.6
120	22.8	16.2	24.4

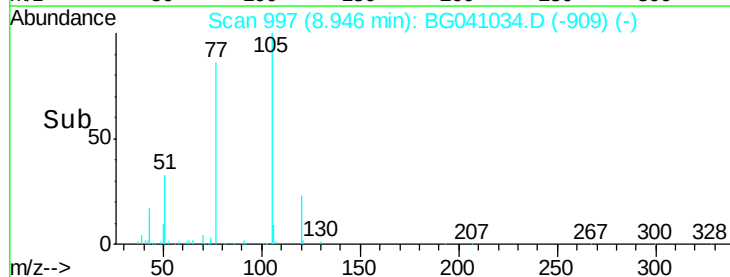
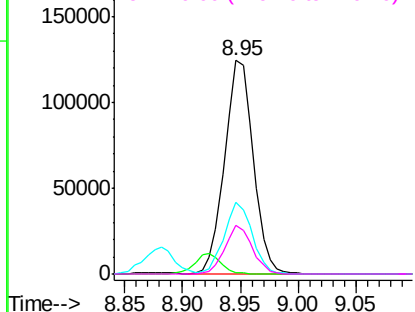


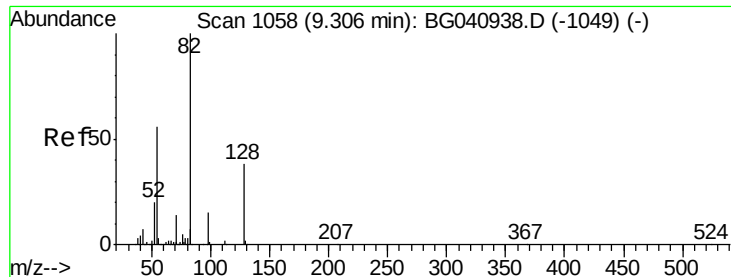
Abundance Ion 105.00 (104.70 to 105.70): E

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

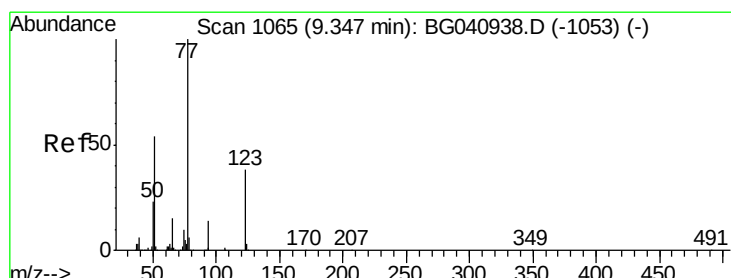
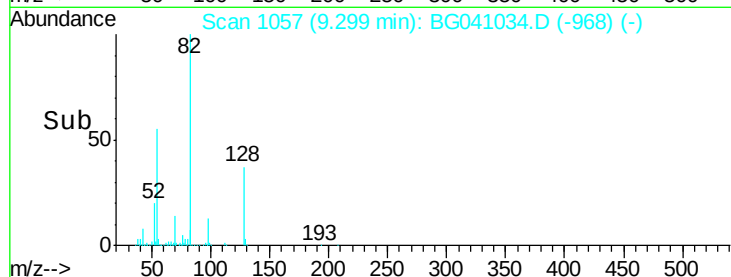
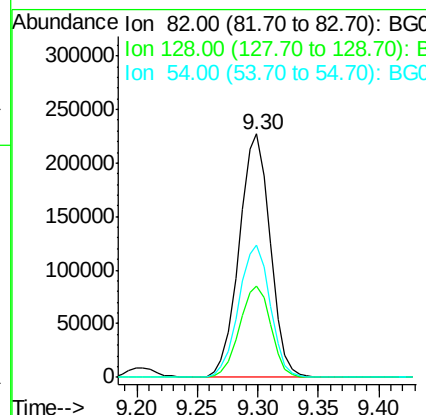
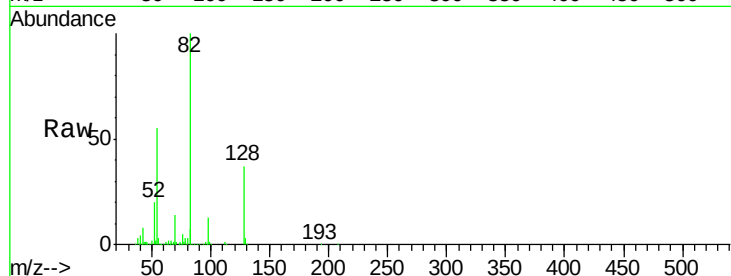




#23
 Nitrobenzene-d5
 Concen: 75.445 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

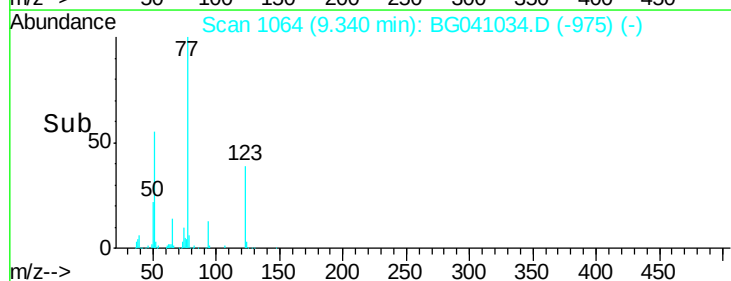
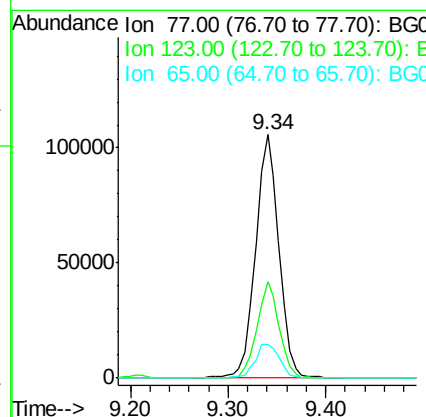
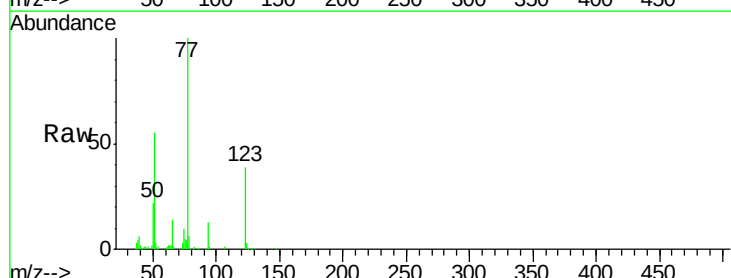
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

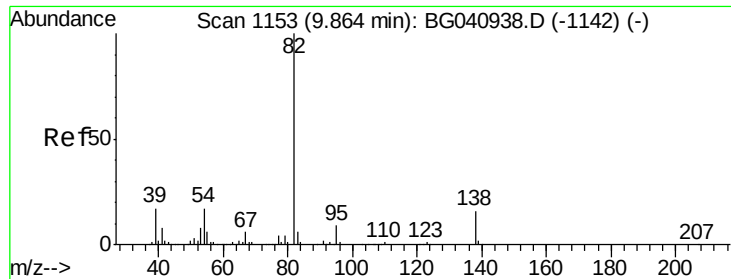
Tot Ion: 82 Resp: 407772
 Ion Ratio Lower Upper
 82 100
 128 37.4 30.5 45.7
 54 54.6 44.6 66.8



#24
 Nitrobenzene
 Concen: 32.214 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion: 77 Resp: 177437
 Ion Ratio Lower Upper
 77 100
 123 39.4 30.6 46.0
 65 13.7 12.3 18.5

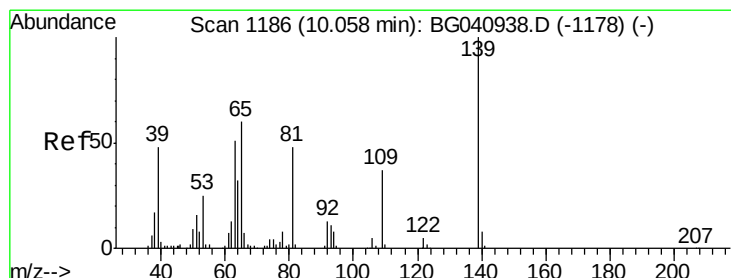
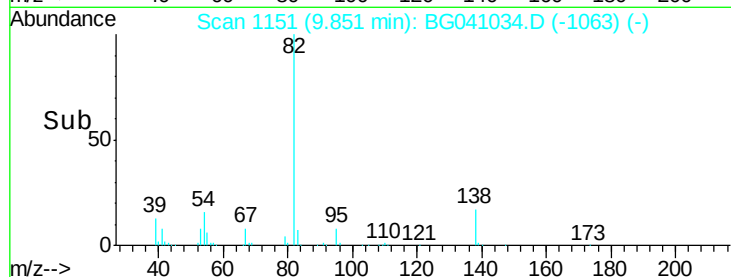
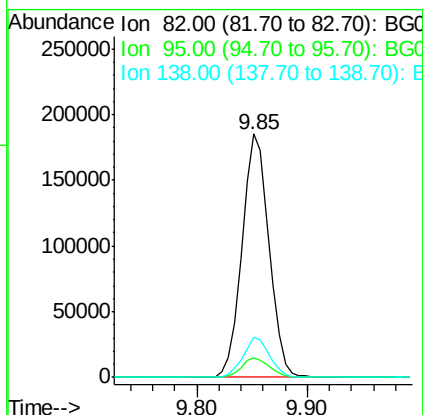
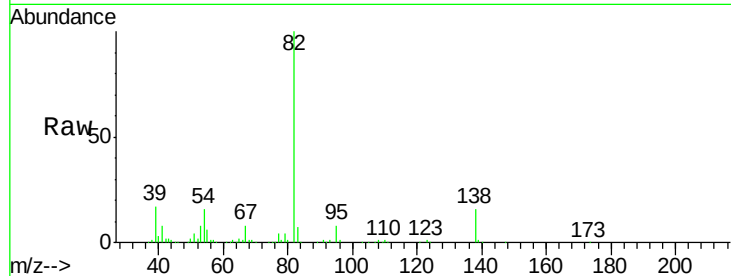




#25
Isophorone
Concen: 30.900 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

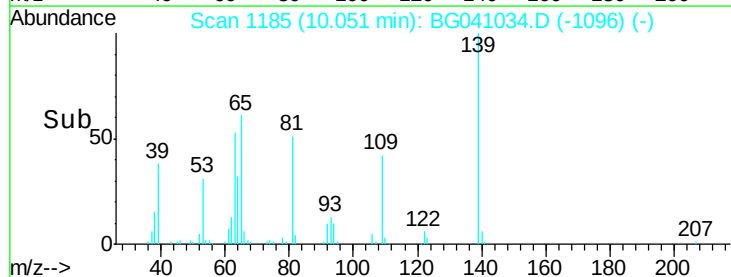
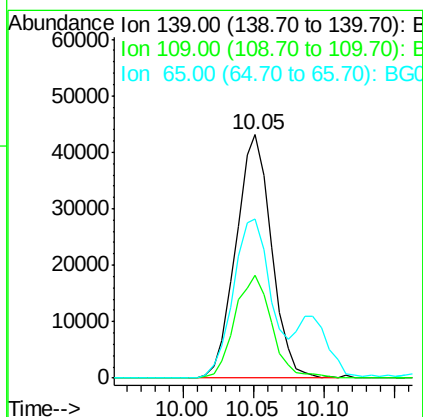
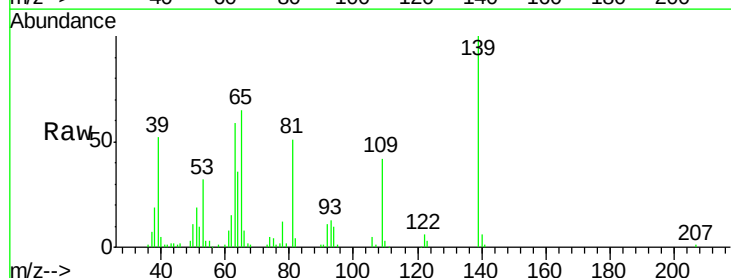
Instrument :
BNA_G
ClientSampleId :
PB120101BS

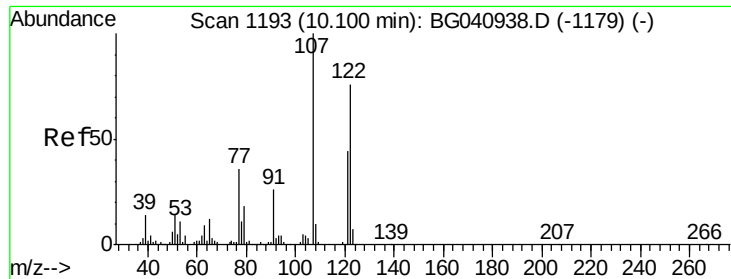
Tot Ion: 82 Resp: 317831
Ion Ratio Lower Upper
82 100
95 7.8 7.0 10.4
138 16.4 12.6 19.0



#26
2-Nitrophenol
Concen: 33.451 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion: 139 Resp: 75958
Ion Ratio Lower Upper
139 100
109 42.4 29.8 44.6
65 65.4 47.8 71.6

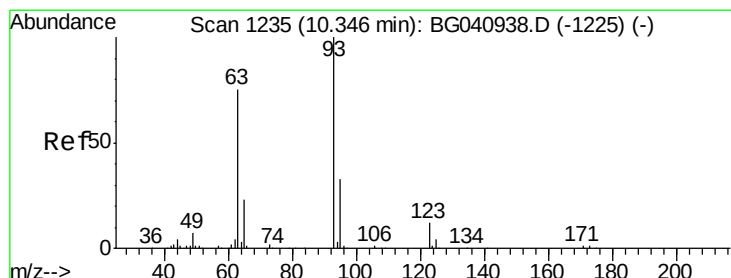
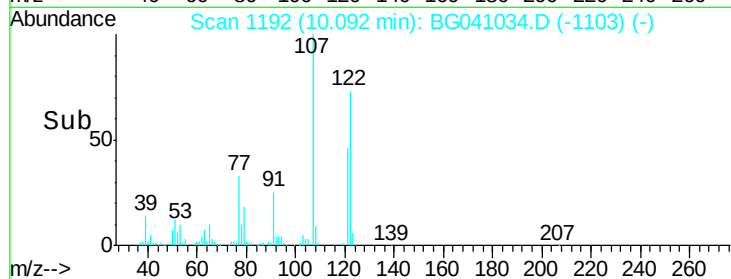
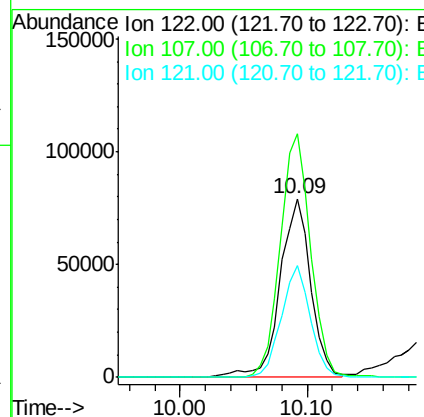
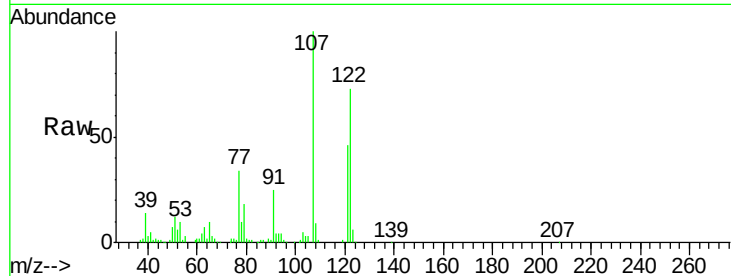




#27
 2,4-Dimethylphenol
 Concen: 35.517 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

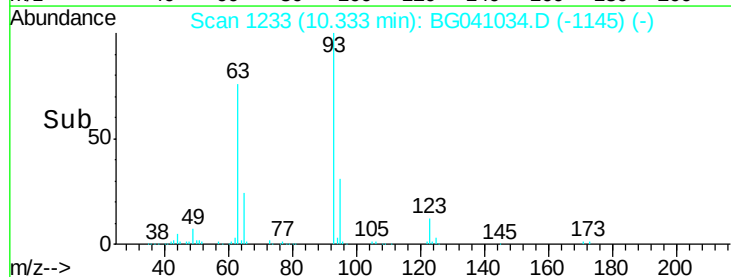
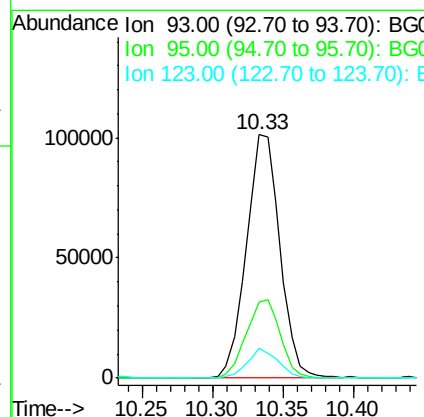
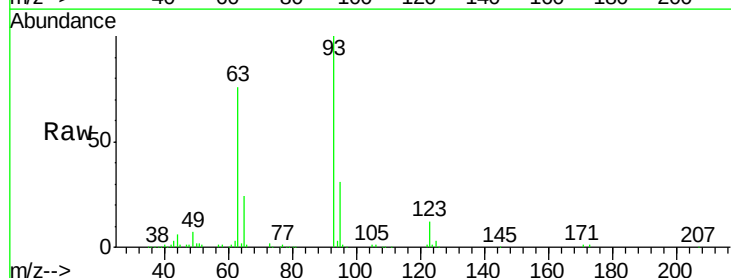
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

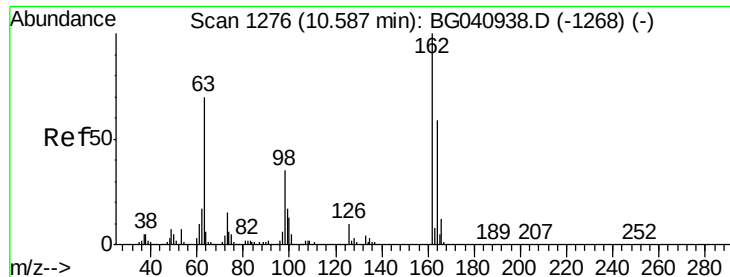
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.2	105.9	158.9
121	62.3	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.404 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.2	39.2
123	12.3	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 30.827 ng

RT: 10.58 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

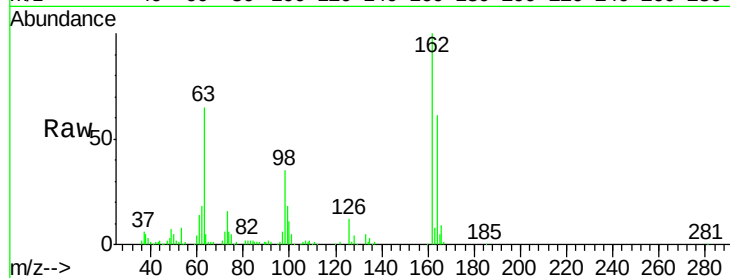
Tot Ion:162 Resp: 146805

Ion Ratio Lower Upper

162 100

164 61.1 39.4 79.4

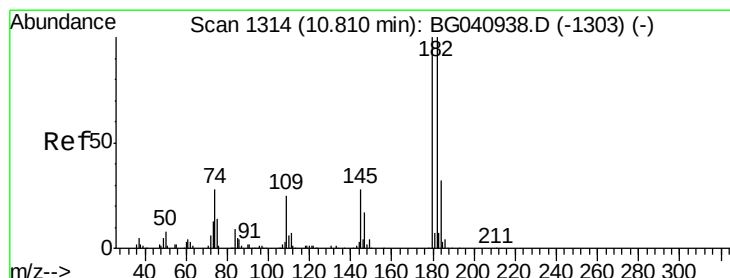
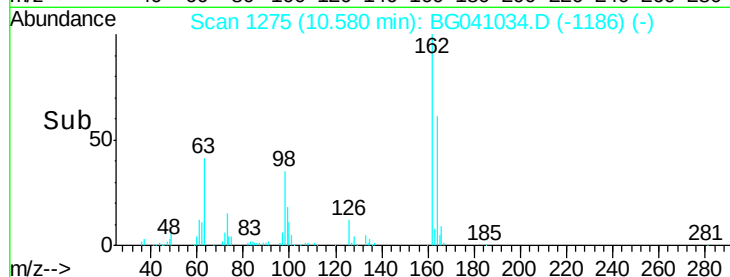
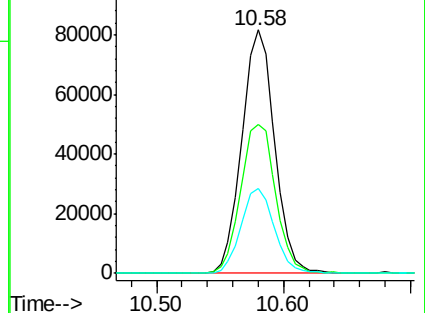
98 35.0 15.3 55.3



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: 30.836 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

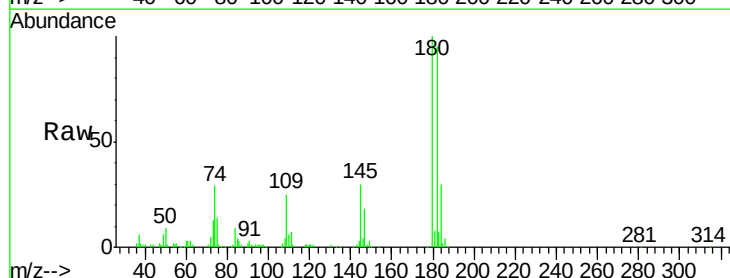
Tgt Ion:180 Resp: 167053

Ion Ratio Lower Upper

180 100

182 95.5 79.7 119.5

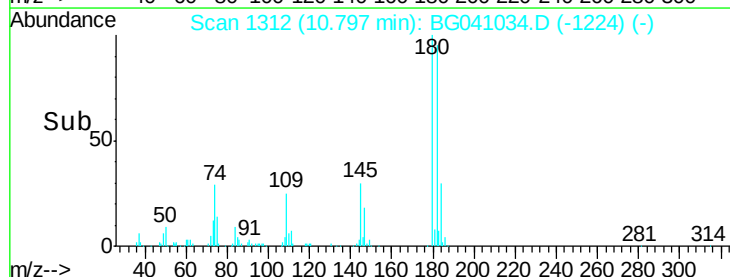
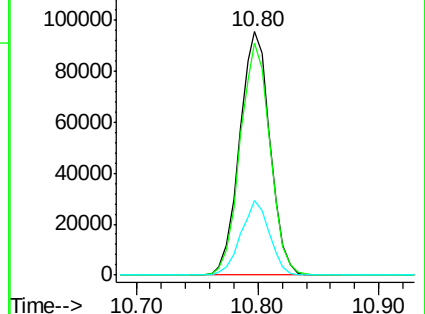
145 30.5 22.6 34.0

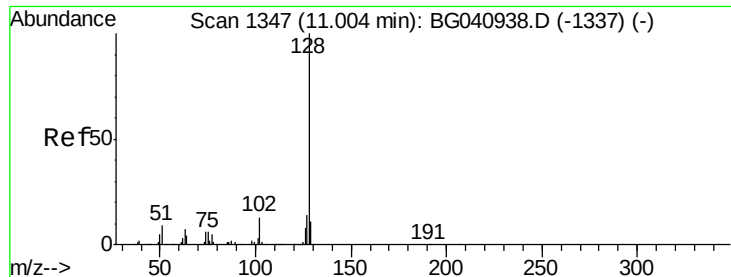


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

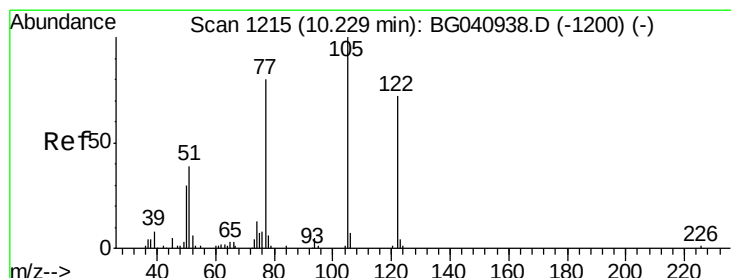
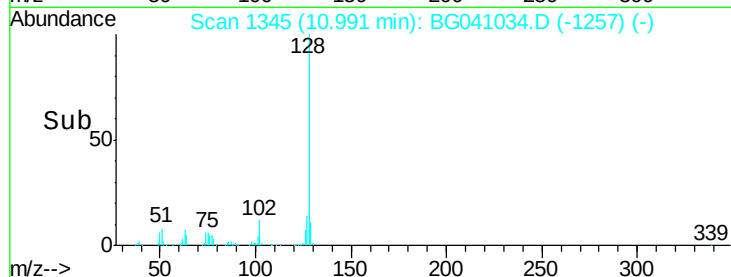
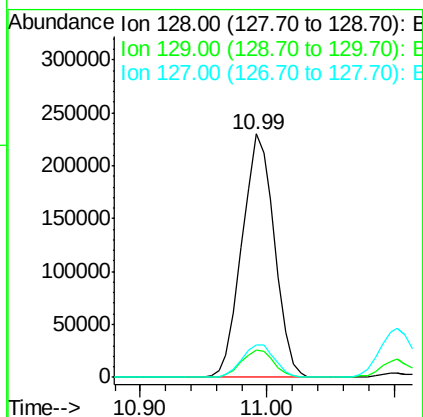
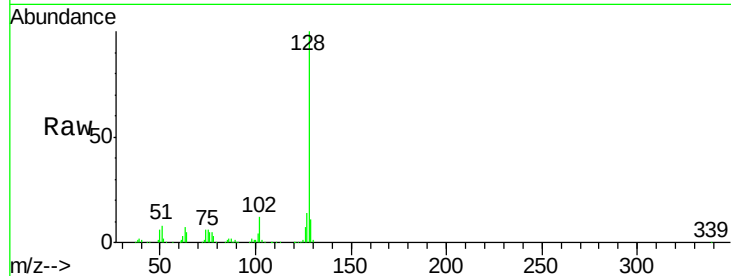




#31
Naphthalene
Concen: 31.675 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

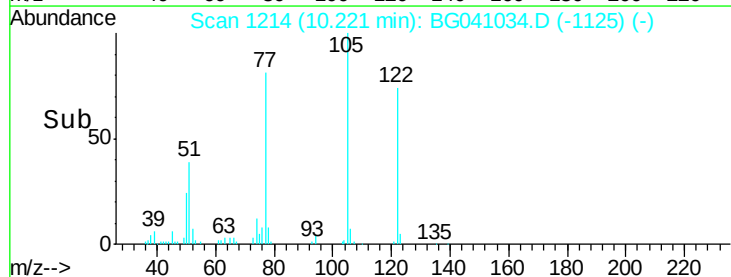
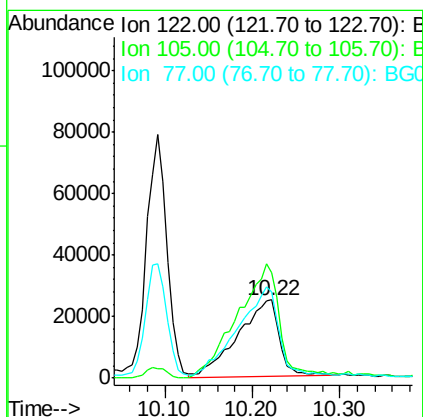
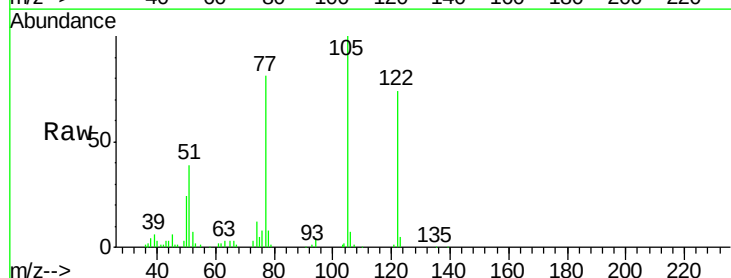
Instrument :
BNA_G
ClientSampleId :
PB120101BS

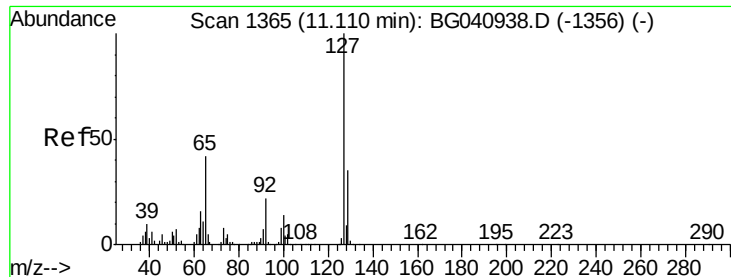
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.5	11.4	17.2



#32
Benzoic acid
Concen: 31.259 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	114.8	154.8
77	109.7	89.9	129.9

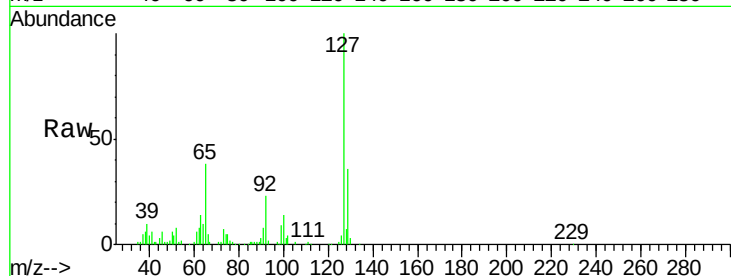




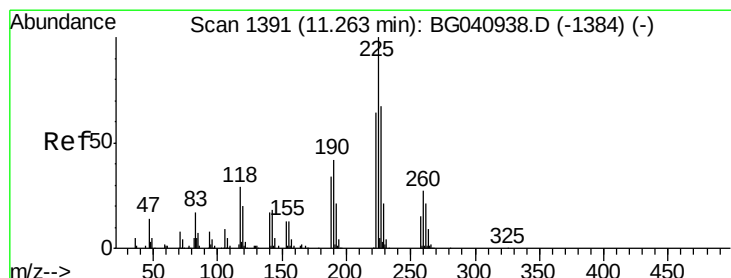
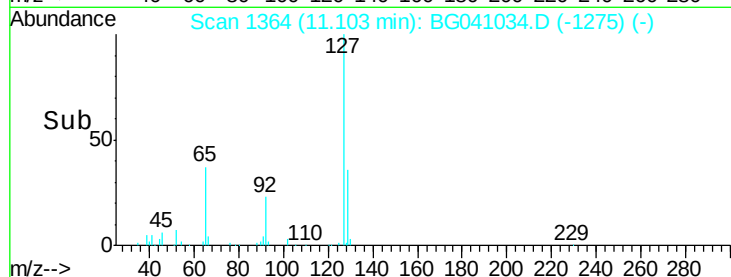
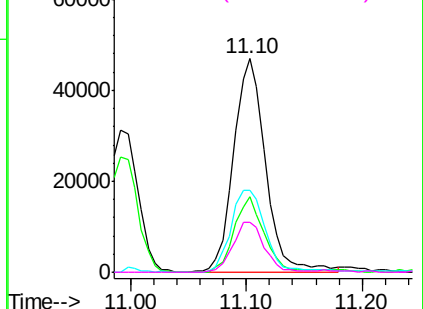
#33
4-Chloroaniline
Concen: 15.107 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	35.6	27.7	41.5	
65	38.1	33.2	49.8	
92	23.3	17.2	25.8	

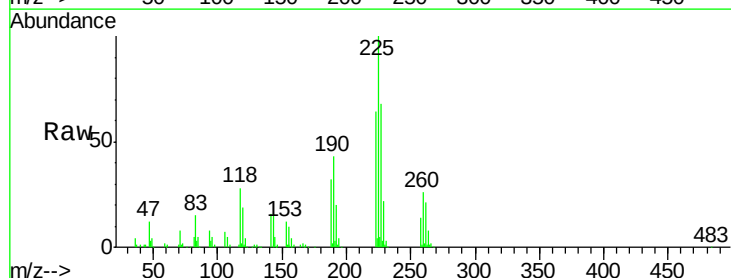


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

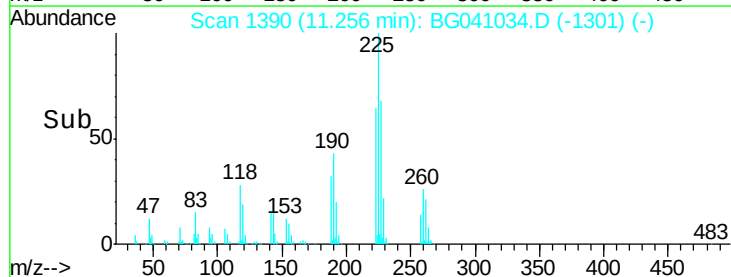
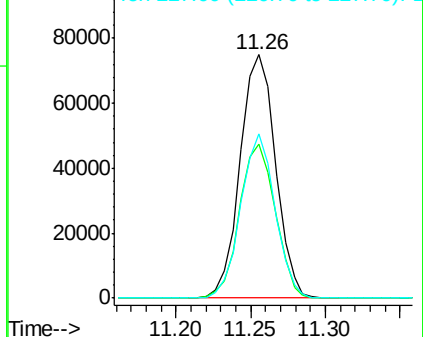


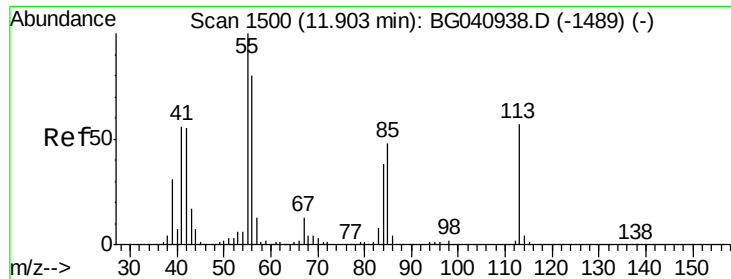
#34
Hexachlorobutadiene
Concen: 29.766 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.5	48.8	73.2	
227	67.6	51.4	77.0	



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

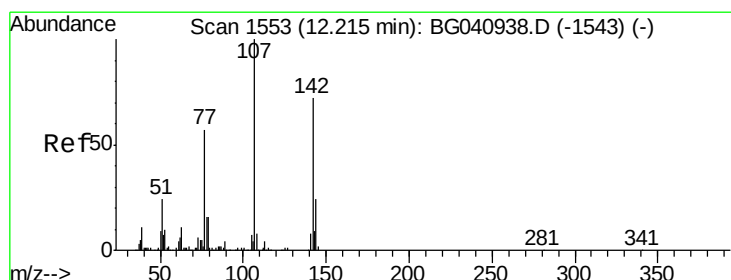
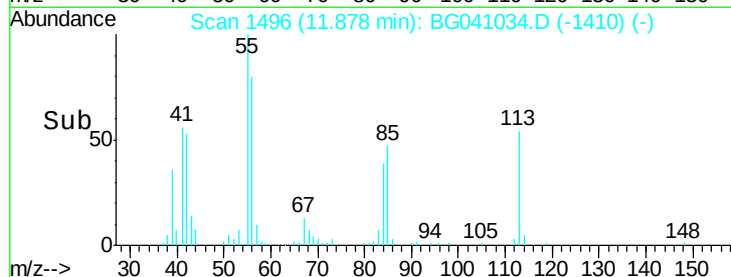
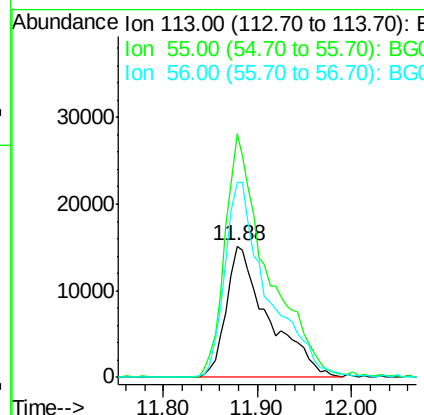
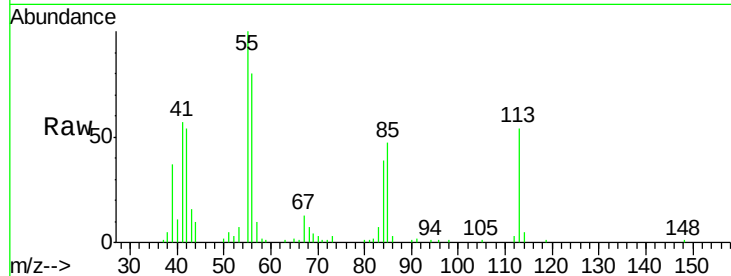




#35
 Caprolactam
 Concen: 30.211 ng
 RT: 11.88 min Scan# 1496
 Delta R.T. -0.02 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

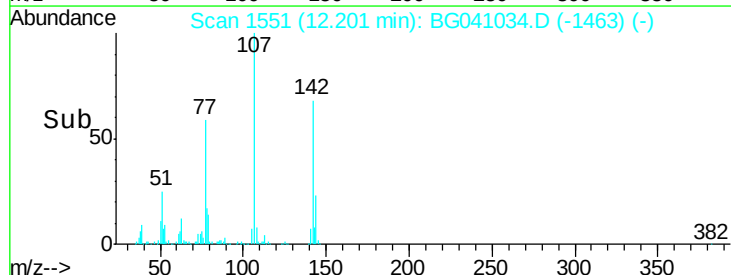
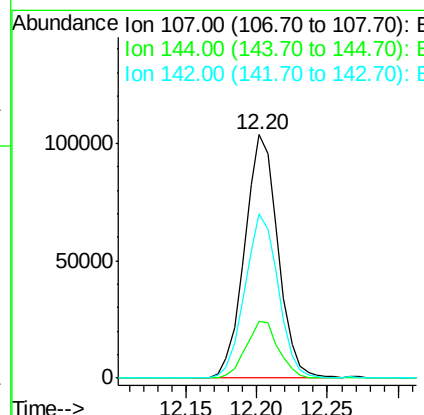
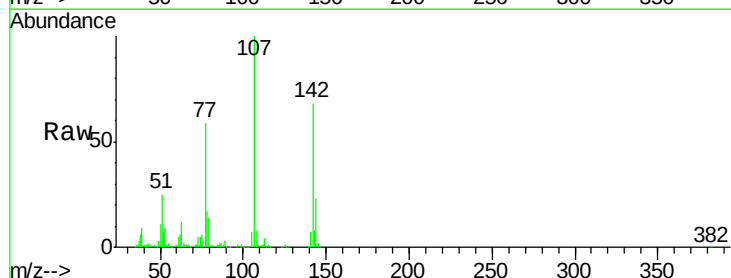
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

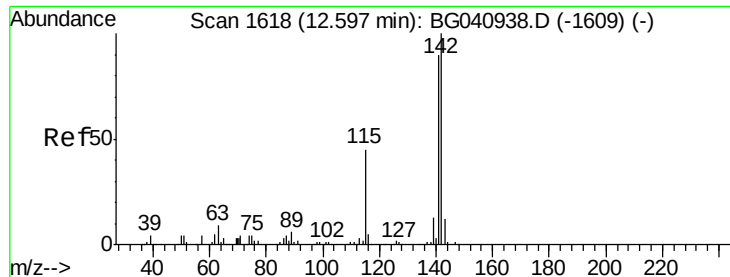
Tot Ion:113 Resp: 47511
 Ion Ratio Lower Upper
 113 100
 55 185.6 155.9 195.9
 56 148.5 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 31.463 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:107 Resp: 171119
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.4 29.0
 142 67.6 57.3 85.9

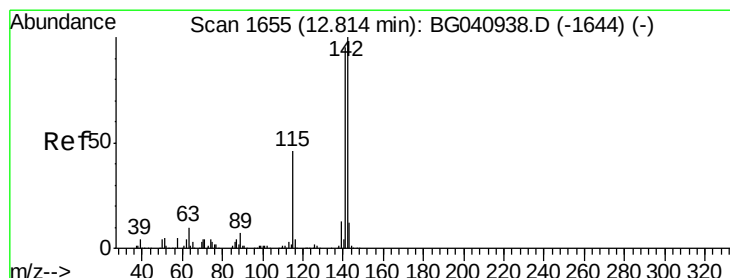
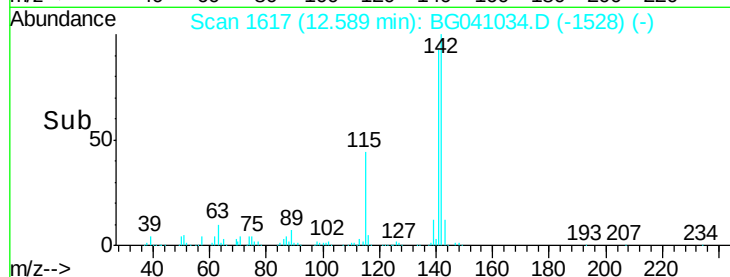
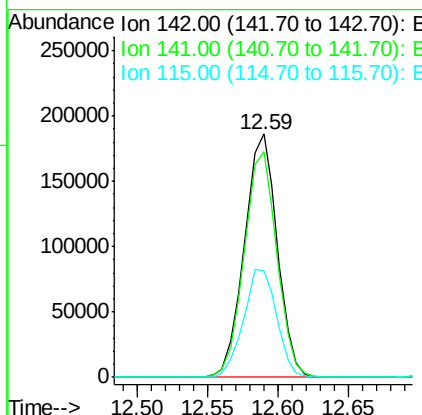
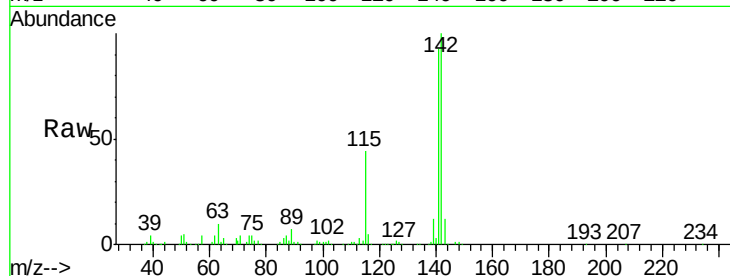




#37
2-Methylnaphthalene
Concen: 30.664 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

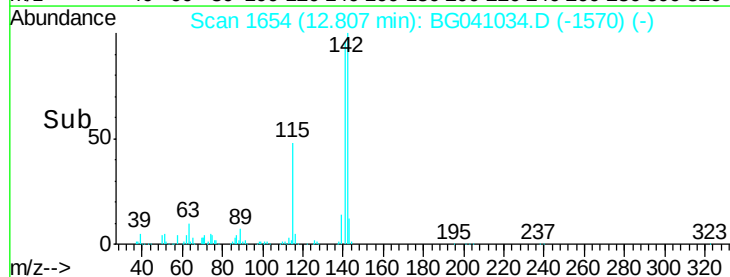
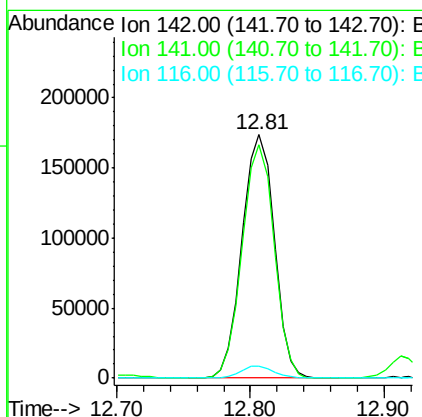
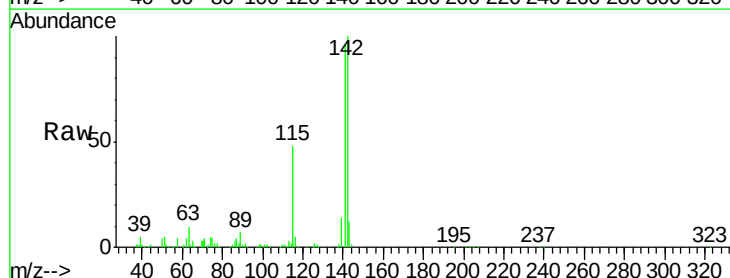
Instrument :
BNA_G
ClientSampleId :
PB120101BS

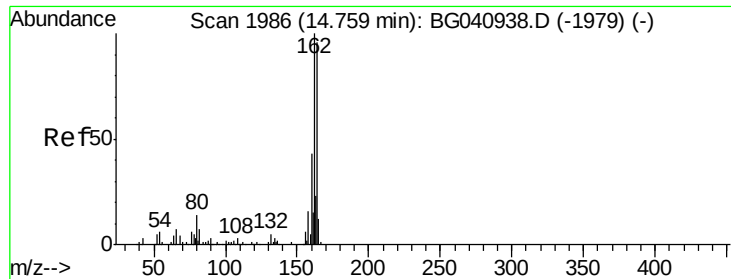
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.2	108.4
115	44.0	36.2	54.4



#38
1-Methylnaphthalene
Concen: 30.991 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.7	113.5
116	4.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

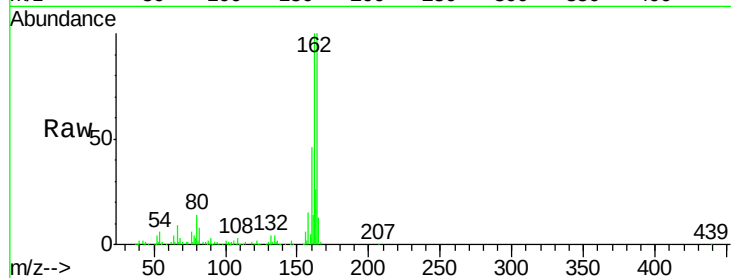
Tot Ion:164 Resp: 165996

Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.4

160 45.7 35.6 53.4

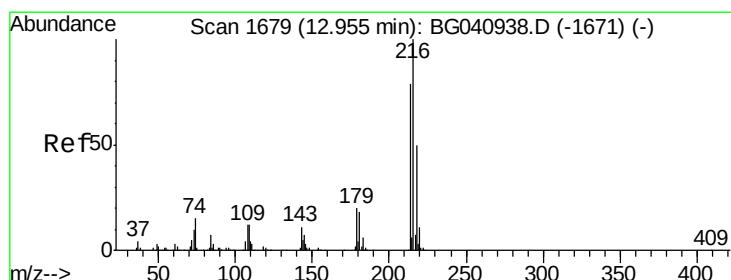
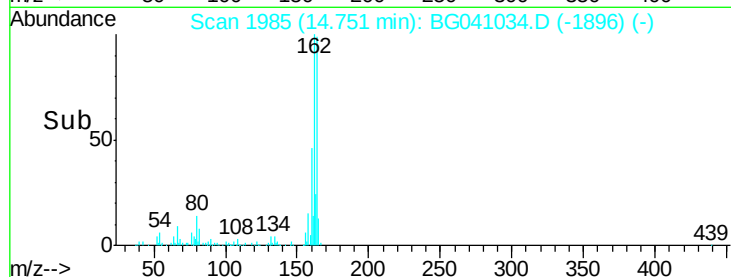
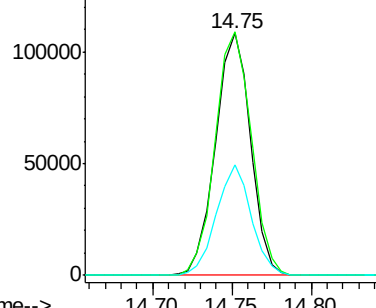


Abundance

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: 33.715 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion:216 Resp: 225571

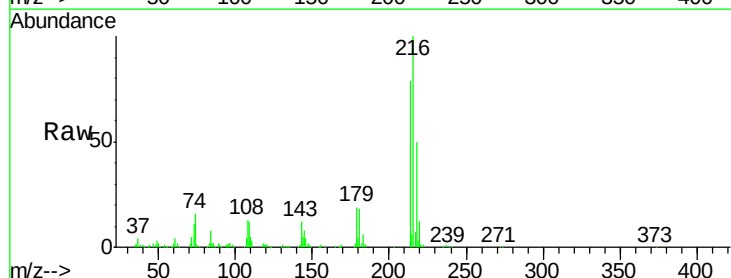
Ion Ratio Lower Upper

216 100

214 77.4 63.4 95.2

179 19.3 15.2 22.8

108 16.8 11.4 17.2



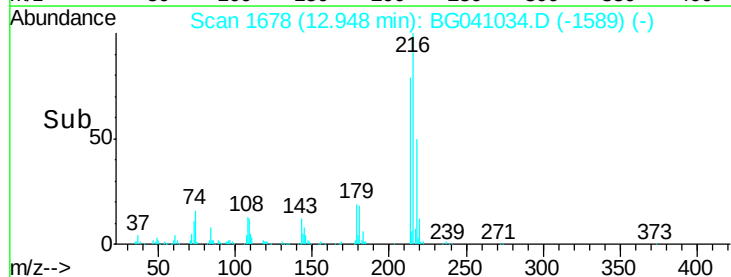
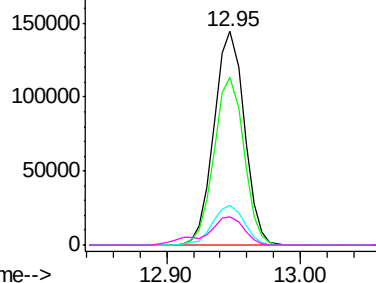
Abundance

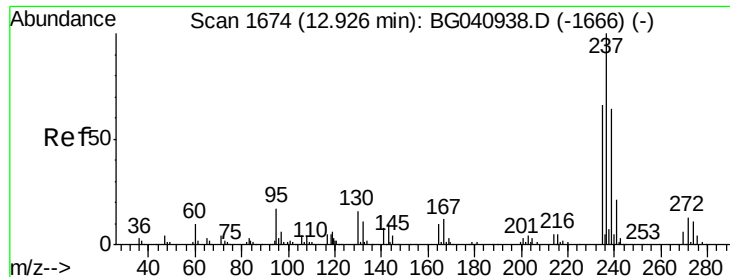
Ion 216.00 (215.70 to 216.70): E

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: 70.696 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

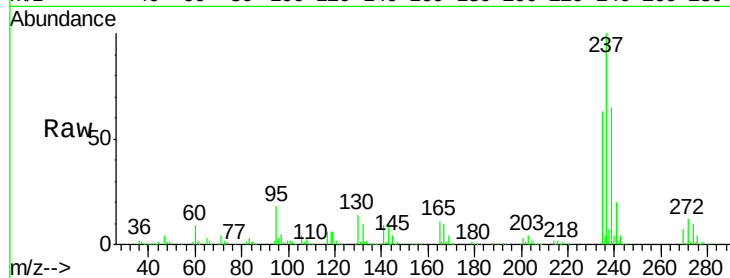
BNA_G

ClientSampleId :

PB120101BS

Tot Ion:237 Resp: 250417

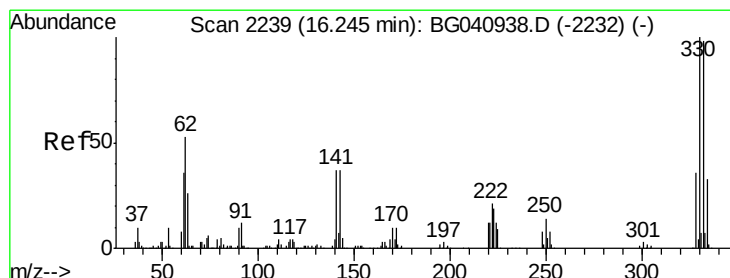
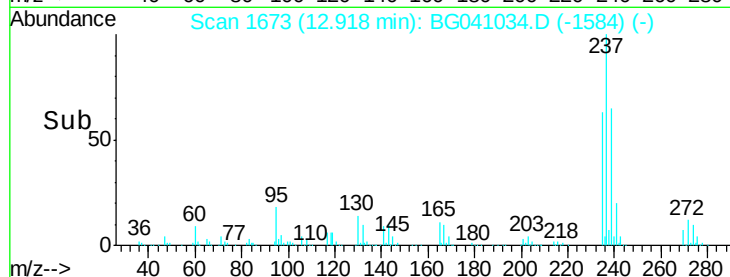
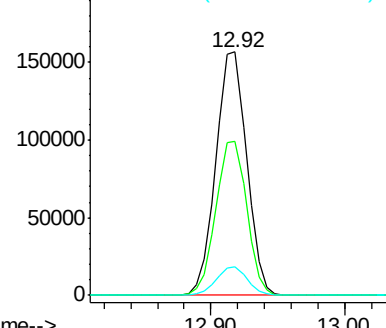
Ion	Ratio	Lower	Upper
237	100		
235	63.4	45.5	85.5
272	11.9	0.0	32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.018 ng

RT: 16.24 min Scan# 2238

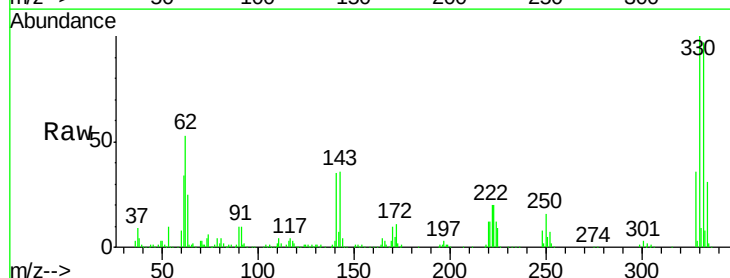
Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion:330 Resp: 362300

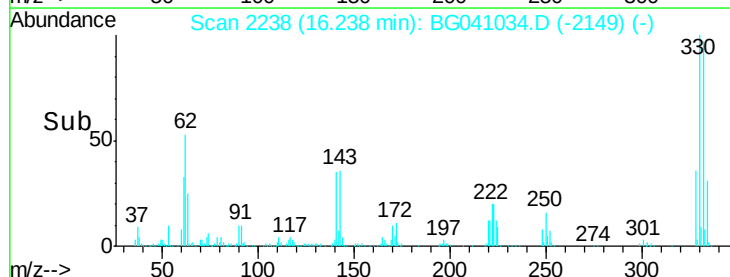
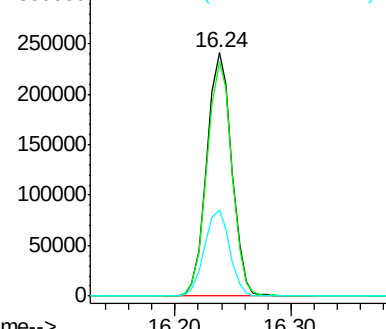
Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	35.6	28.7	43.1

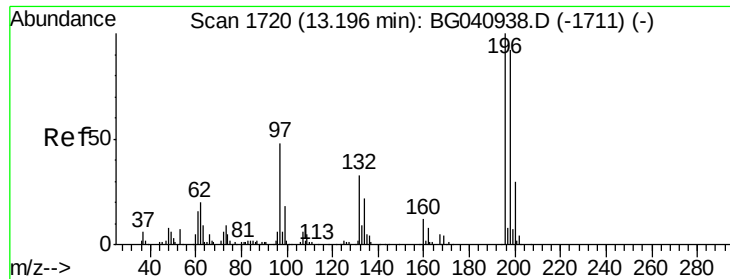


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

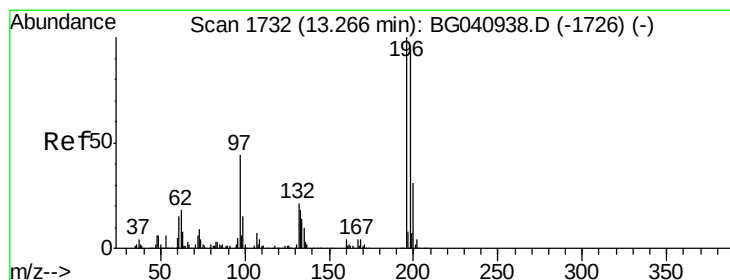
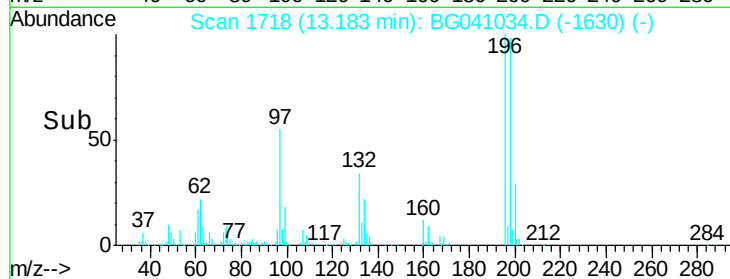
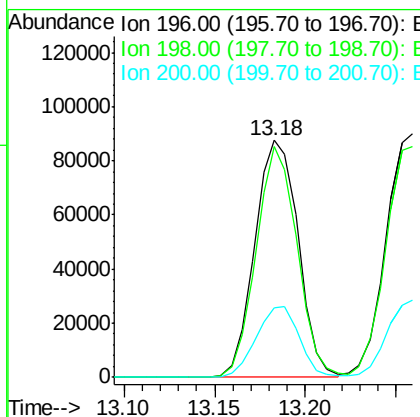
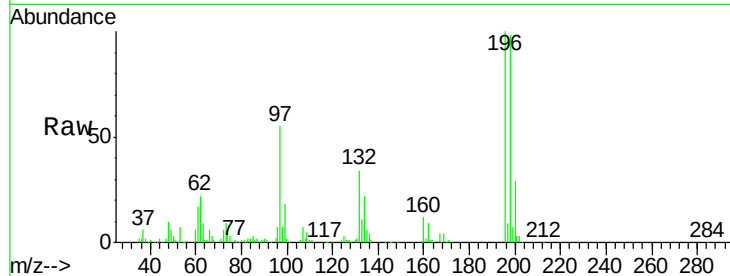




#43
 2,4,6-Trichlorophenol
 Concen: 33.544 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

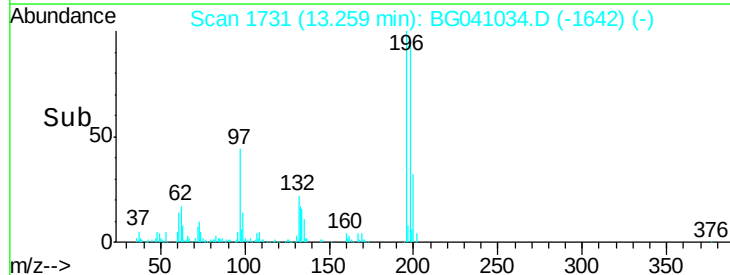
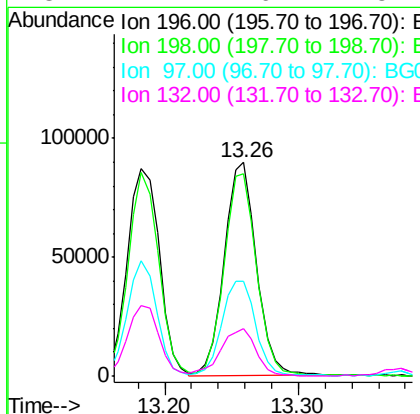
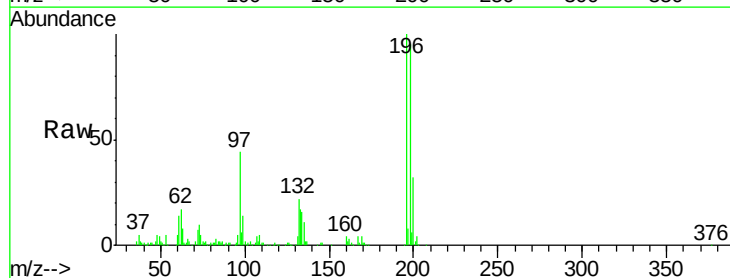
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

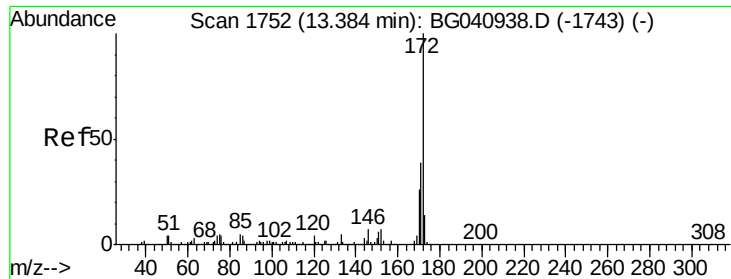
Tot Ion:196 Resp: 145186
 Ion Ratio Lower Upper
 196 100
 198 97.5 73.8 110.6
 200 29.4 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 33.259 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:196 Resp: 151818
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.1 112.7
 97 44.5 35.6 53.4
 132 22.2 16.7 25.1

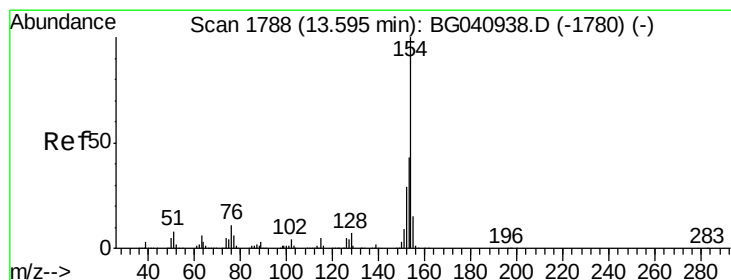
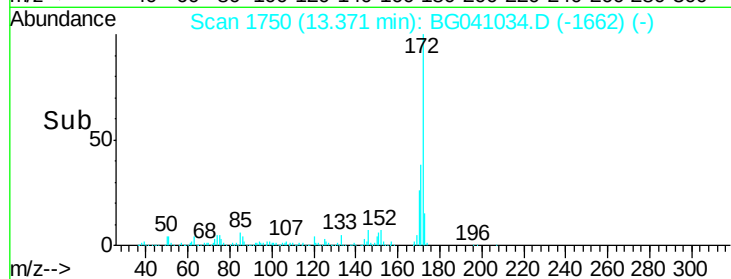
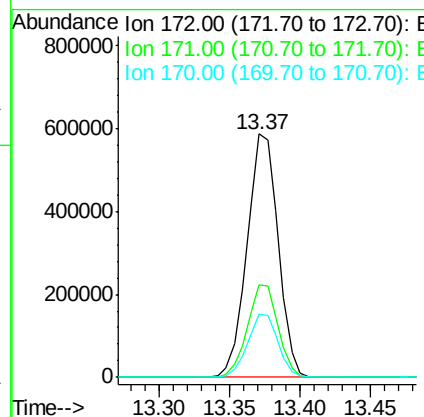
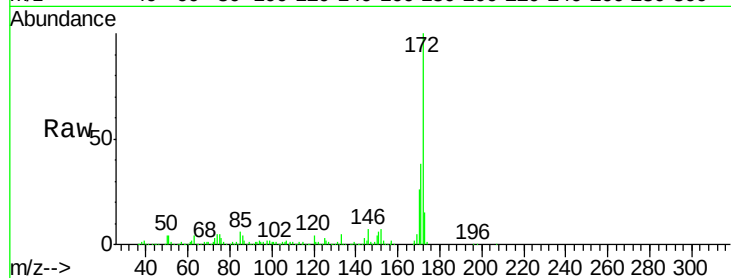




#45
2-Fluorobiphenyl
Concen: 78.682 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

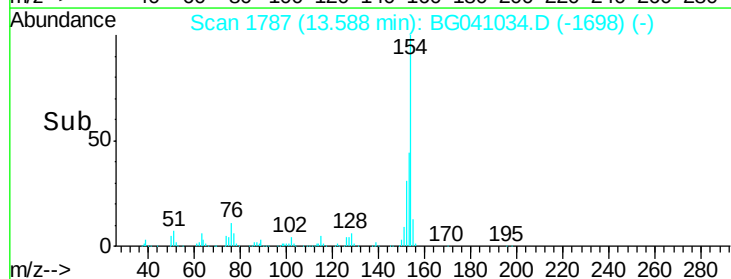
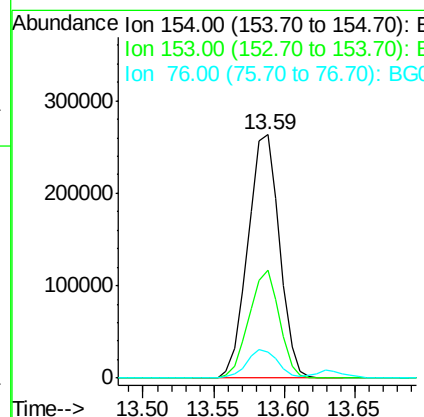
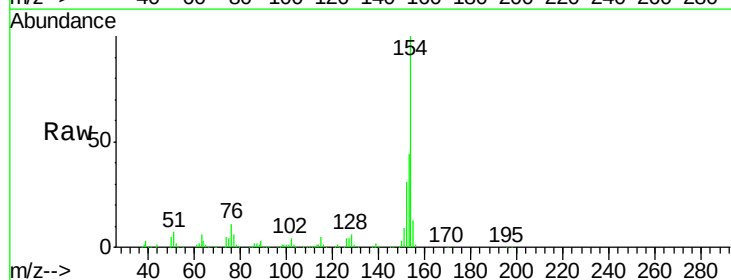
Instrument :
BNA_G
ClientSampleId :
PB120101BS

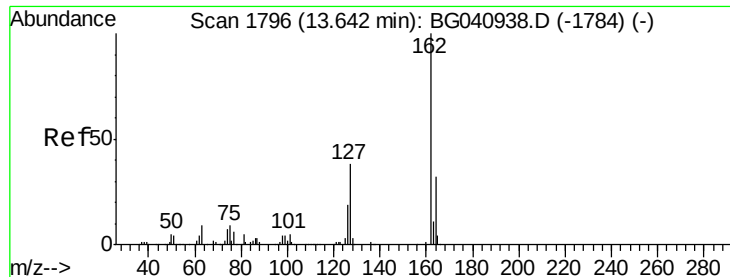
Tot Ion:	172	Resp:	906935
Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.9	20.5	30.7



#46
1,1'-Biphenyl
Concen: 33.666 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:	154	Resp:	413663
Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.3	63.3
76	10.8	0.0	31.1

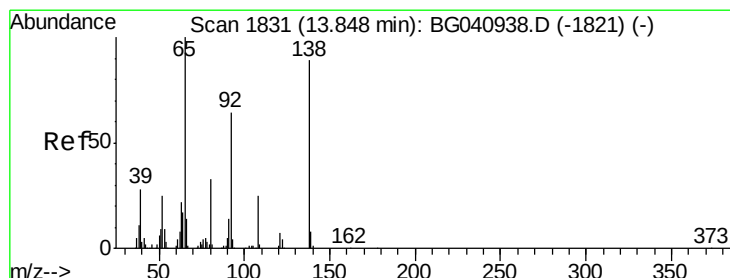
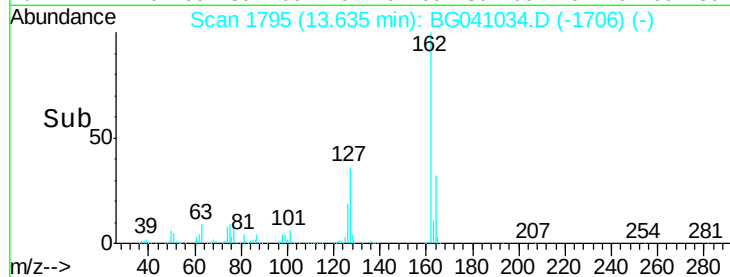
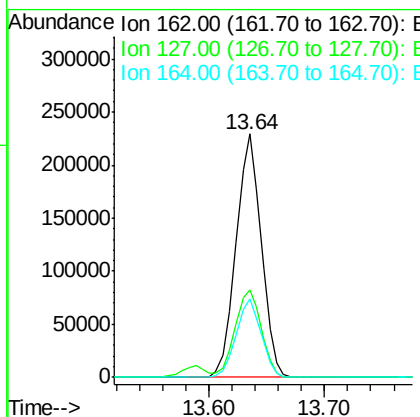
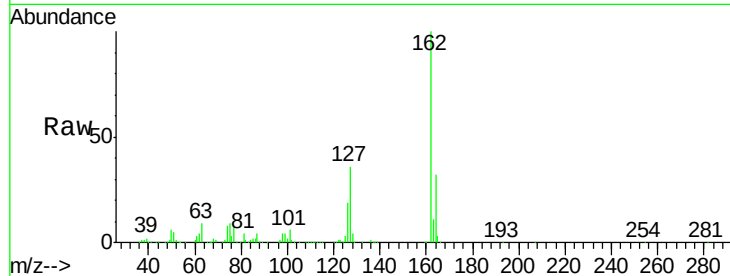




#47
 2-Chloronaphthalene
 Concen: 32.790 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

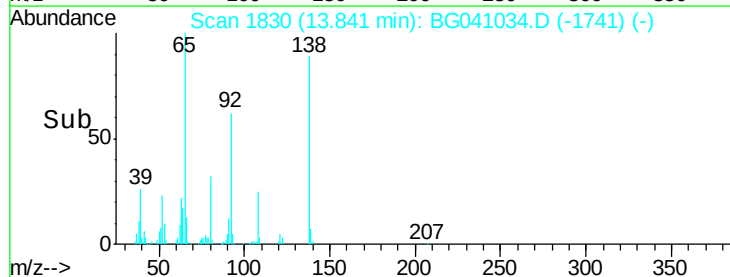
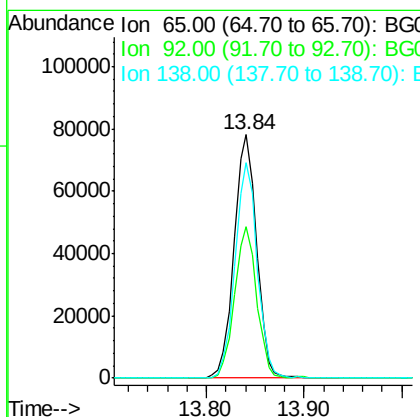
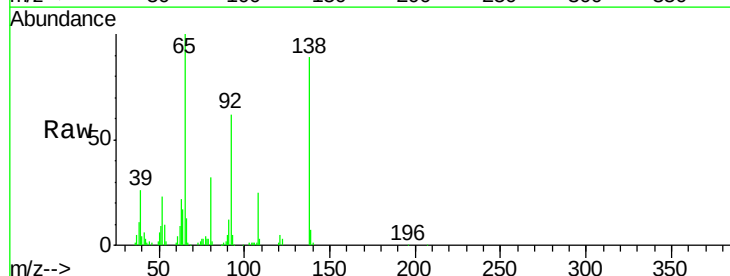
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

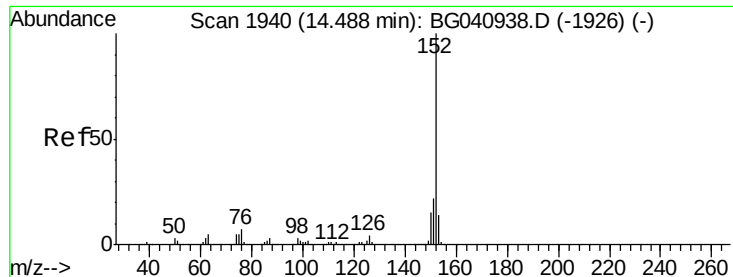
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.5	45.7
164	32.3	25.8	38.6



#48
 2-Nitroaniline
 Concen: 33.098 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	51.0	76.6
138	88.7	71.2	106.8





#49

Acenaphthylene

Concen: 33.850 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

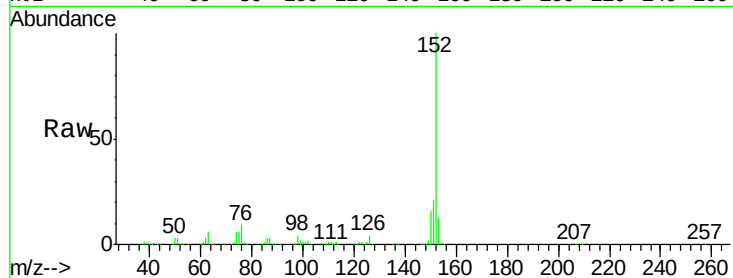
Tot Ion:152 Resp: 537401

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

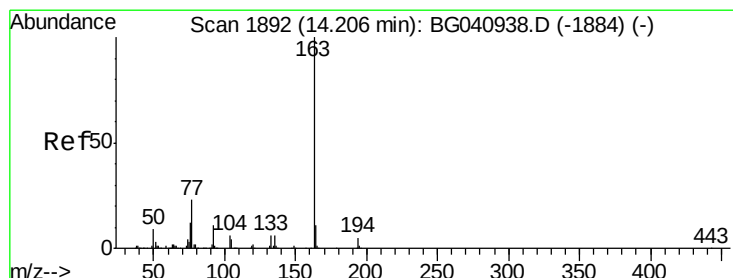
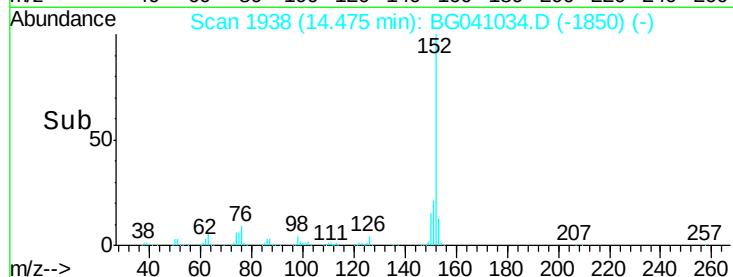
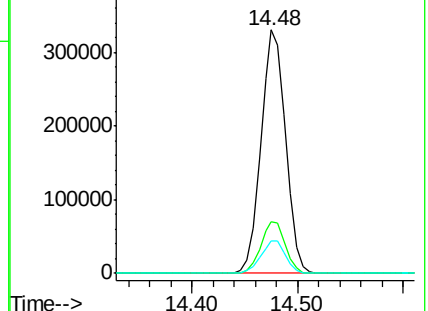
153 13.4 11.0 16.4



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: 32.169 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

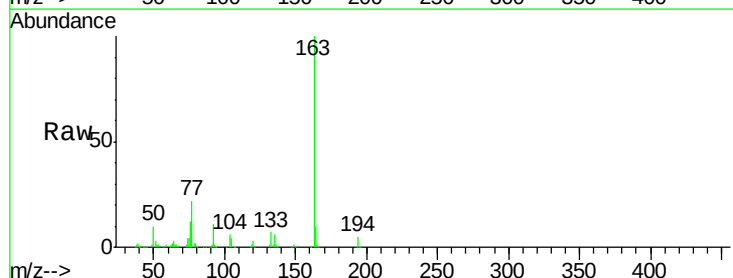
Tgt Ion:163 Resp: 452024

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

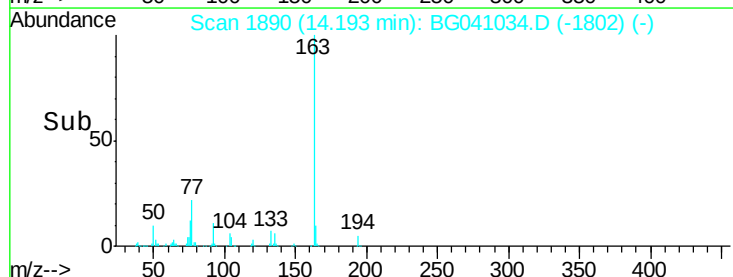
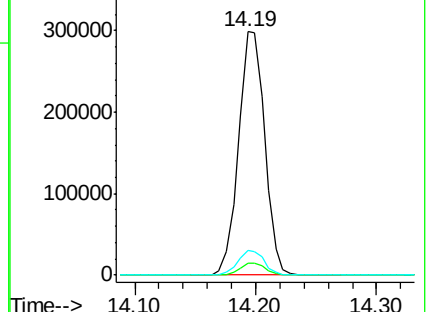
164 10.2 8.7 13.1

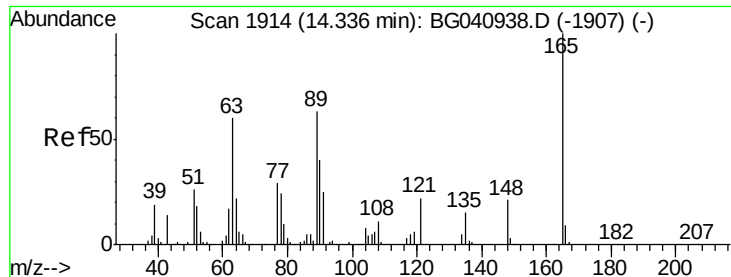


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

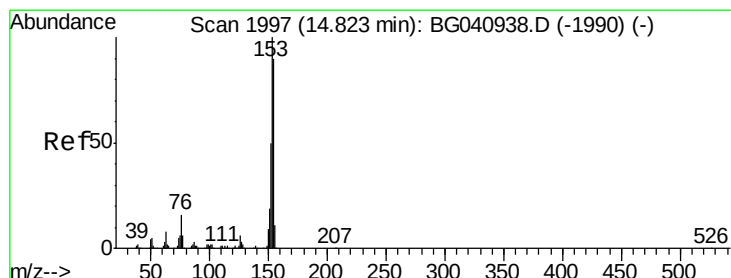
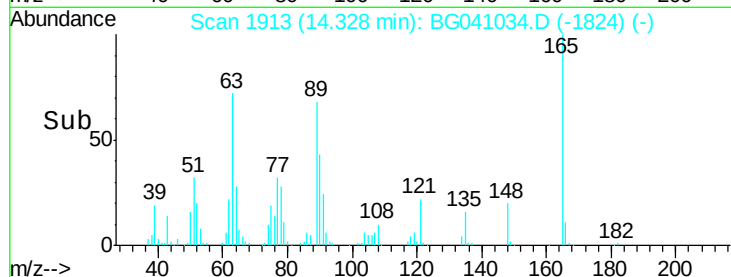
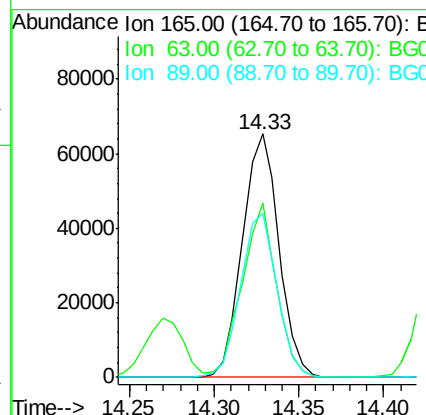
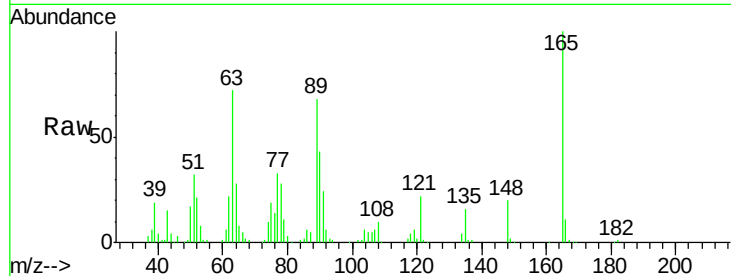




#51
 2,6-Dinitrotoluene
 Concen: 32.296 ng
 RT: 14.33 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

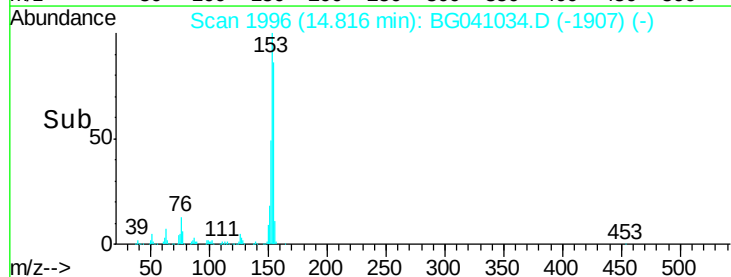
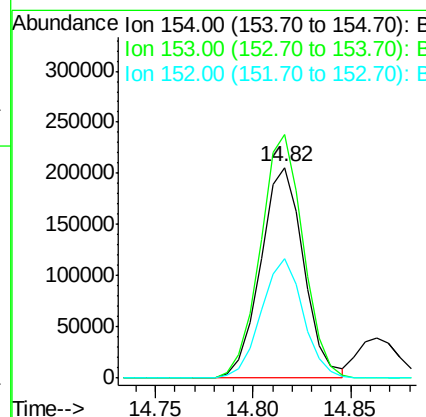
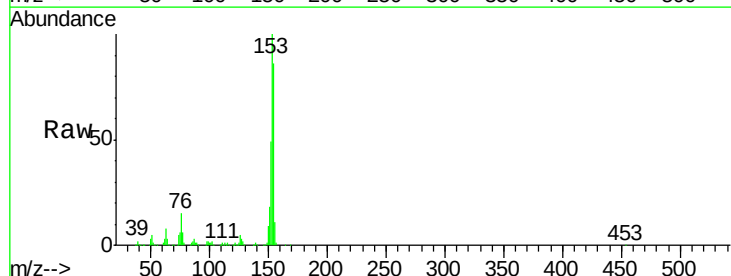
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

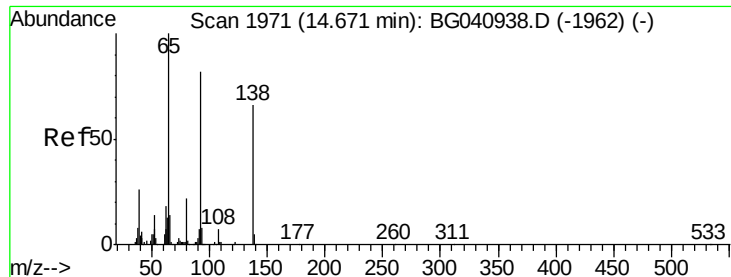
Tot Ion:165 Resp: 97847
 Ion Ratio Lower Upper
 165 100
 63 71.9 53.6 80.4
 89 67.5 50.4 75.6



#52
 Acenaphthene
 Concen: 32.668 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:154 Resp: 314190
 Ion Ratio Lower Upper
 154 100
 153 115.7 88.6 133.0
 152 56.9 44.2 66.4

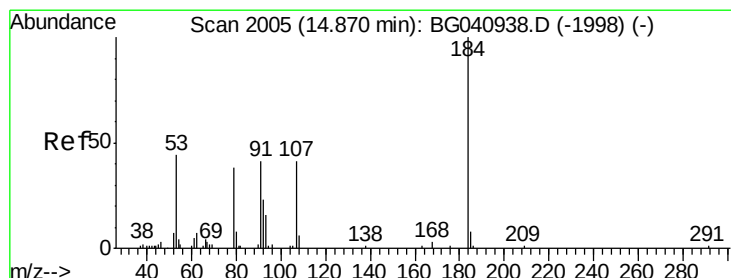
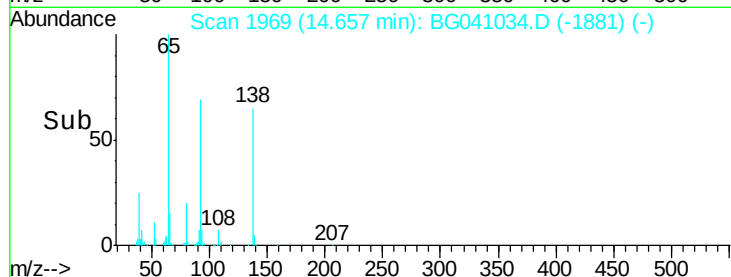
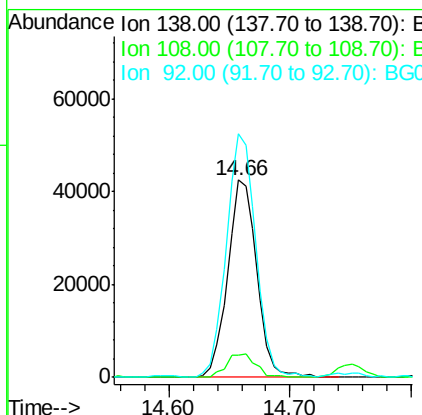
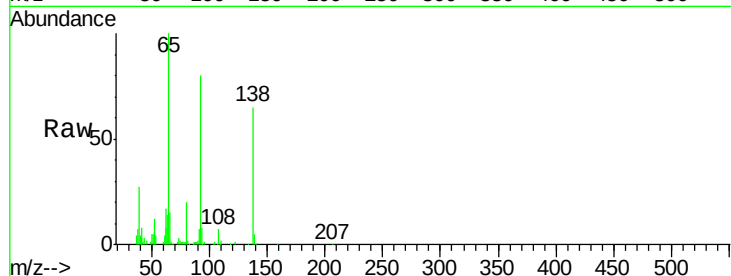




#53
3-Nitroaniline
Concen: 23.443 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

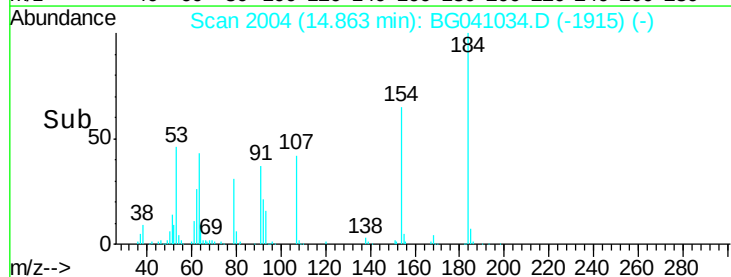
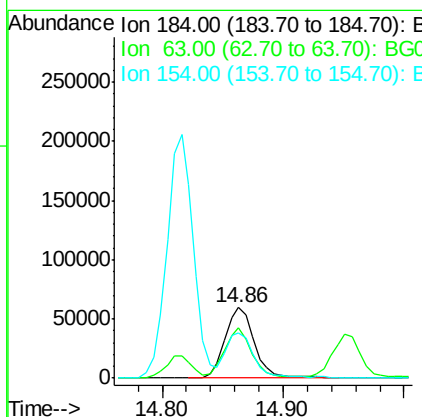
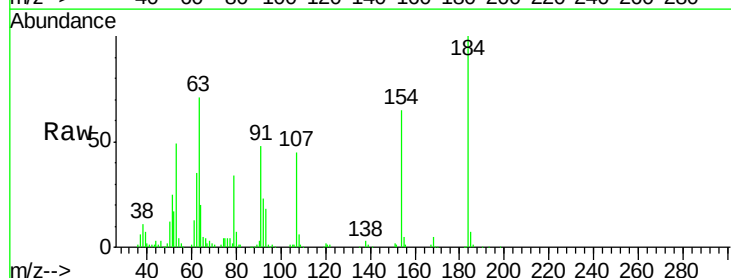
Instrument :
BNA_G
ClientSampleId :
PB120101BS

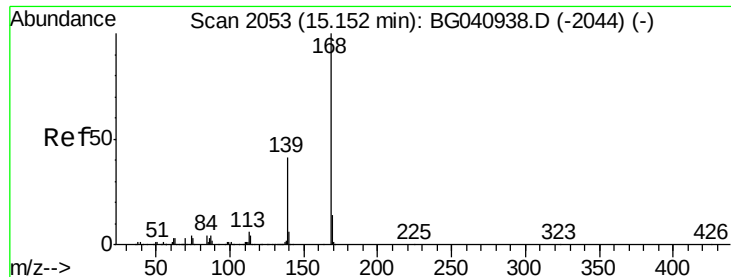
Tot Ion:138 Resp: 71021
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 123.5 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 68.456 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:184 Resp: 100958
Ion Ratio Lower Upper
184 100
63 70.8 49.8 74.6
154 64.8 52.2 78.4





#55

Dibenzofuran

Concen: 33.313 ng

RT: 15.15 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

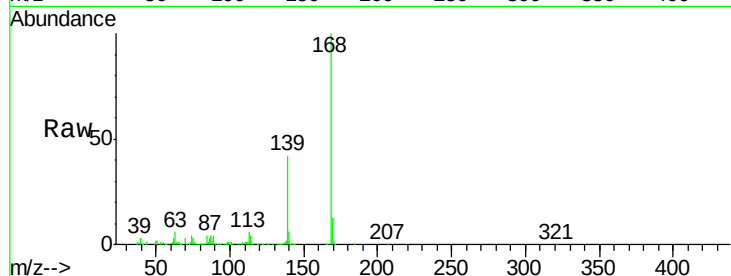
Tot Ion:168 Resp: 539115

Ion Ratio Lower Upper

168 100

139 41.7 32.8 49.2

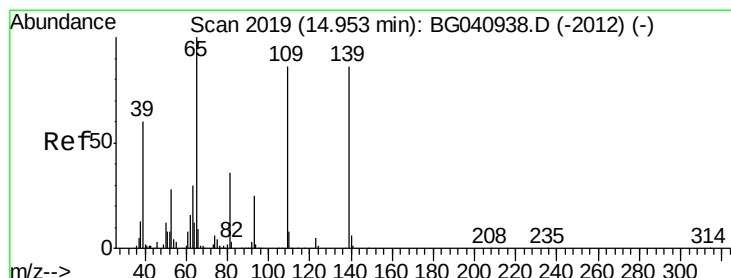
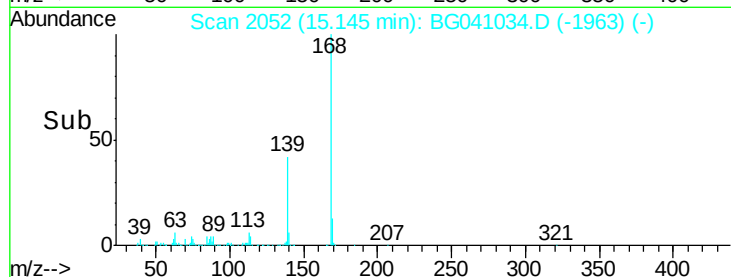
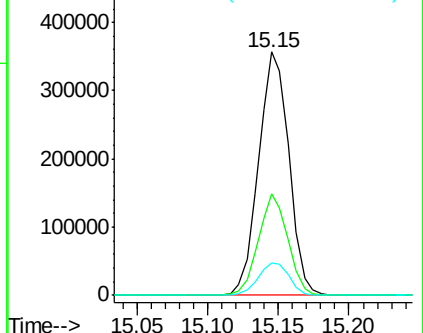
169 13.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.129 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

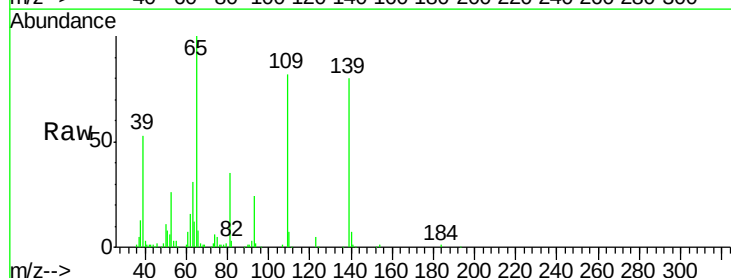
Tgt Ion:139 Resp: 156117

Ion Ratio Lower Upper

139 100

109 103.0 79.6 119.6

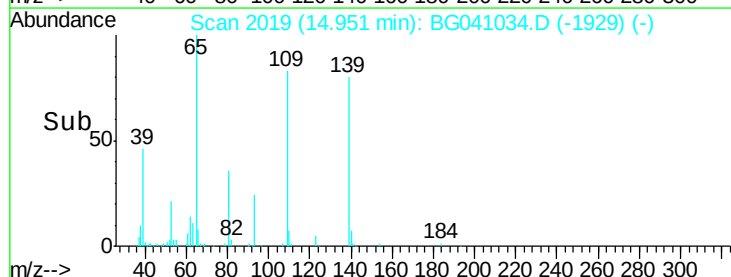
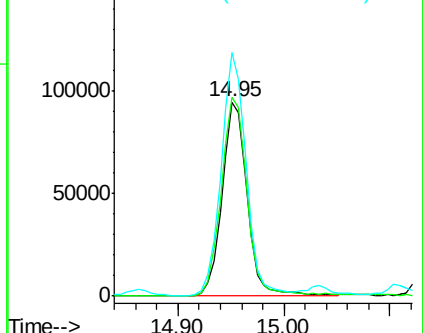
65 125.7 96.9 136.9

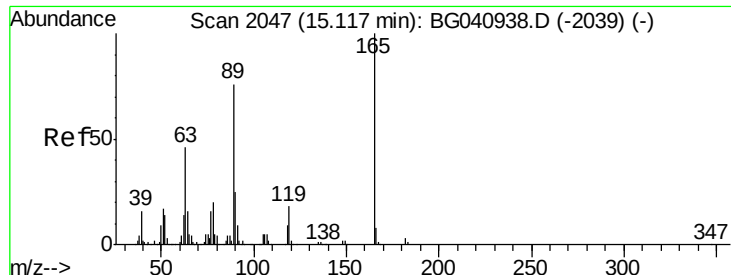


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 33.307 ng

RT: 15.11 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion:165 Resp: 142541

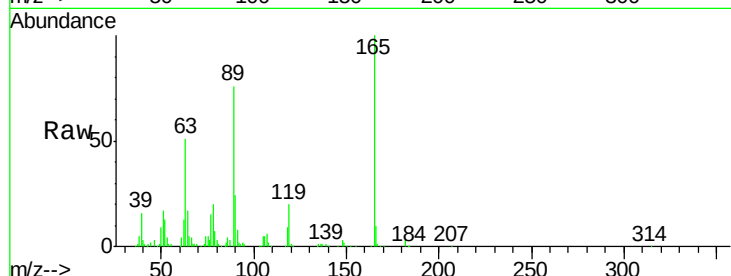
Ion Ratio Lower Upper

165 100

63 50.5 37.3 55.9

89 76.0 61.0 91.6

182 3.1 2.2 3.2

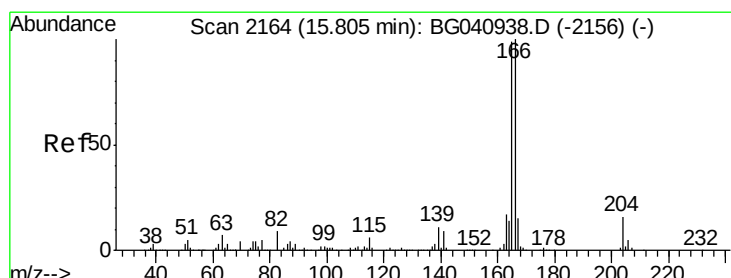
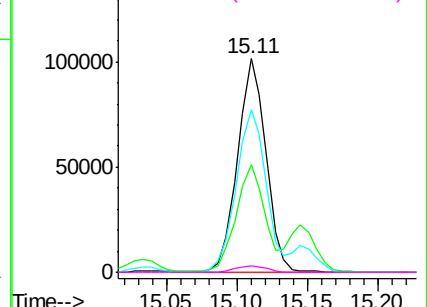
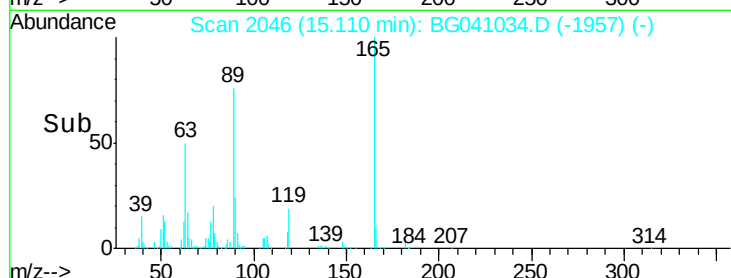


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 32.979 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

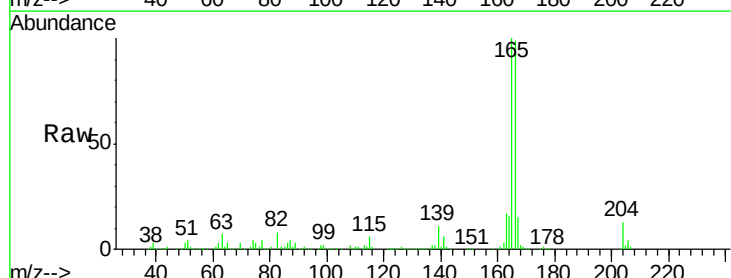
Tgt Ion:166 Resp: 425035

Ion Ratio Lower Upper

166 100

165 100.6 79.2 118.8

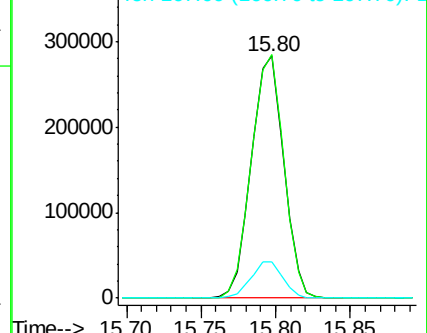
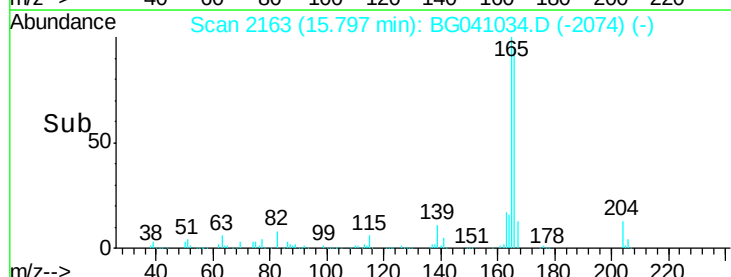
167 15.1 11.8 17.6

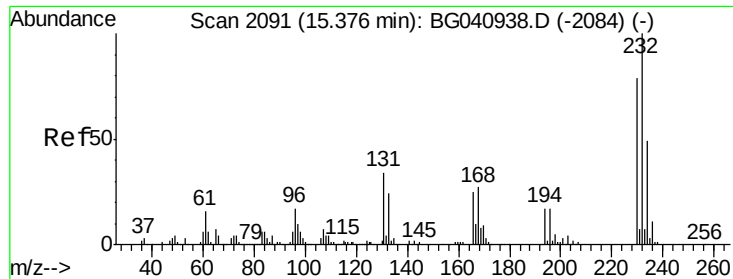


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.731 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion:232 Resp: 160285

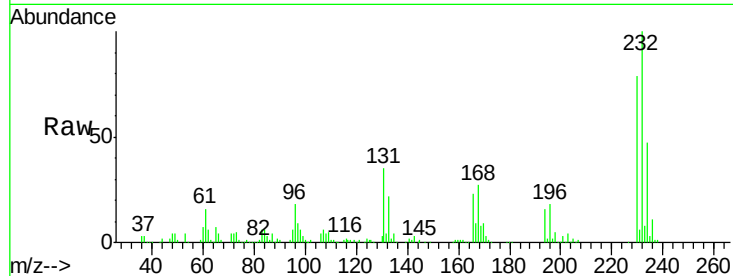
Ion Ratio Lower Upper

232 100

131 36.6 30.3 45.5

130 2.5 1.8 2.8

166 24.9 21.3 31.9

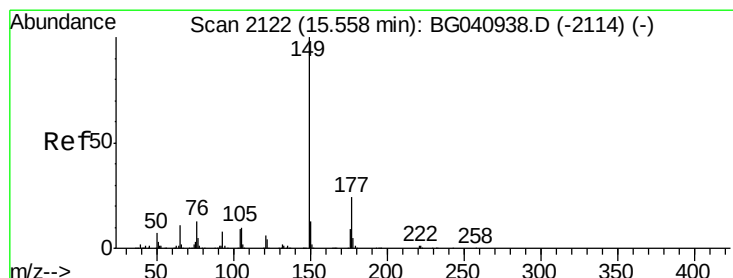
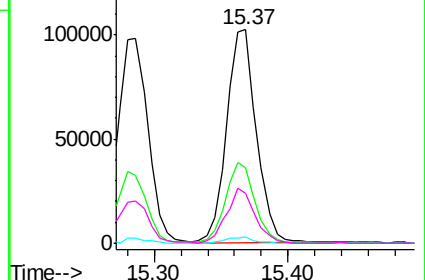
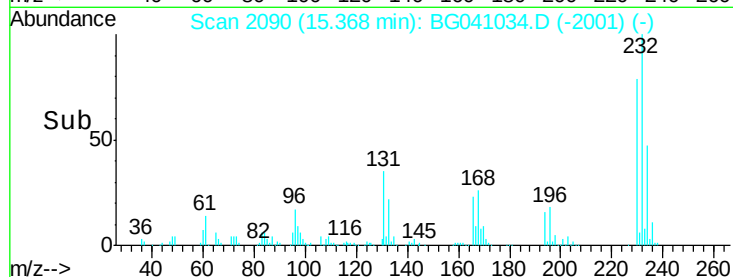


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 32.185 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

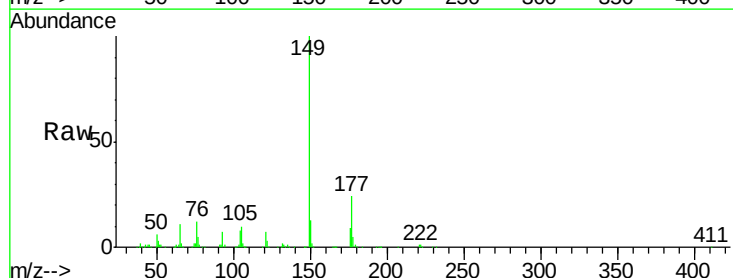
Tgt Ion:149 Resp: 461540

Ion Ratio Lower Upper

149 100

177 23.8 19.4 29.0

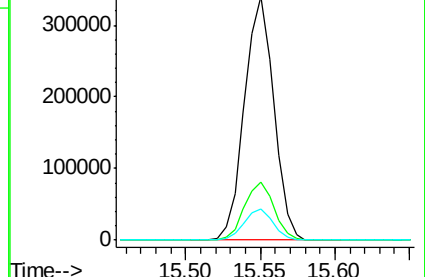
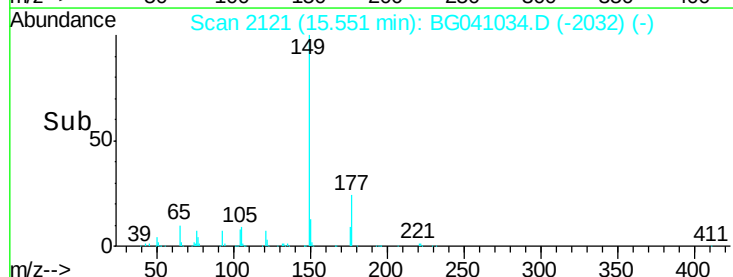
150 12.6 10.3 15.5

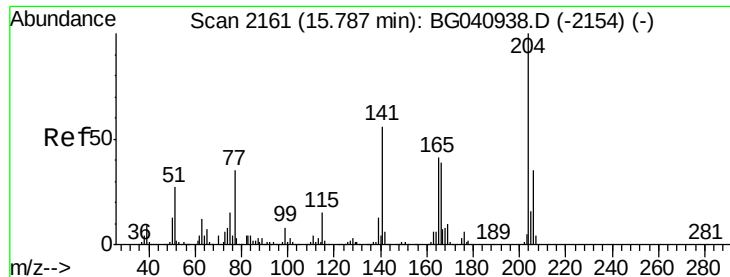


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

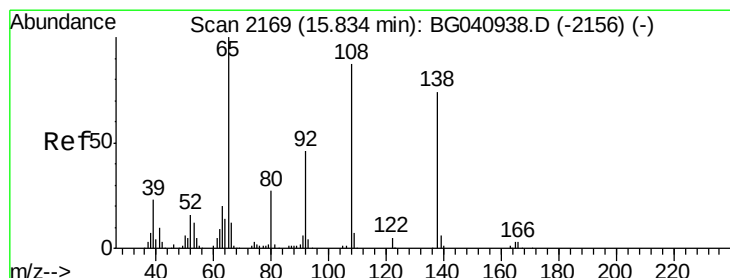
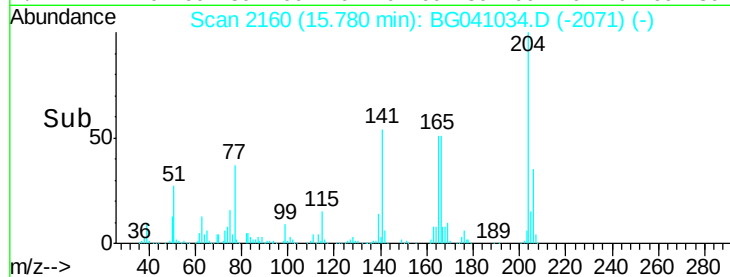
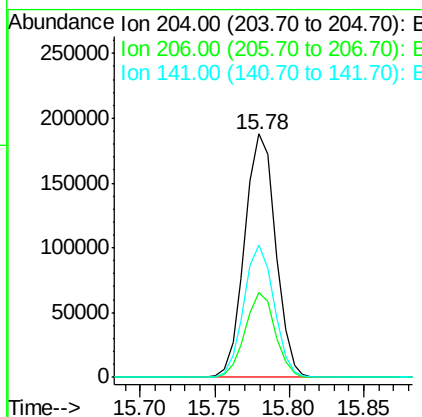
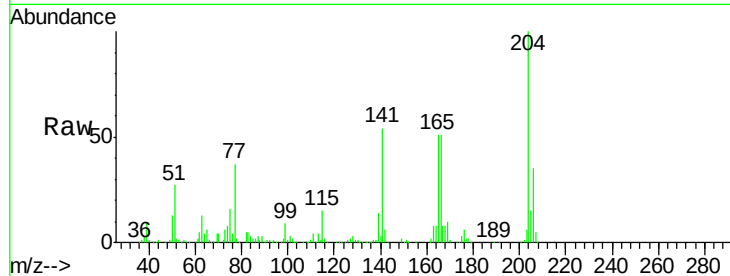




#61
 4-Chlorophenyl-phenylether
 Concen: 32.136 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

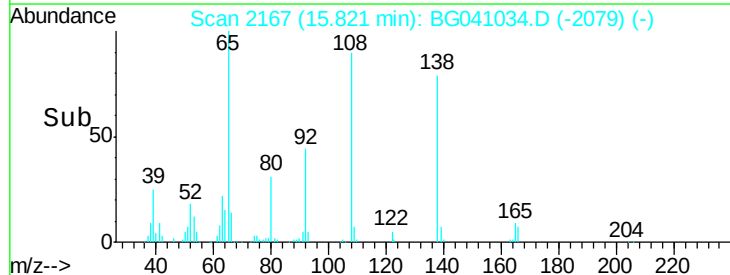
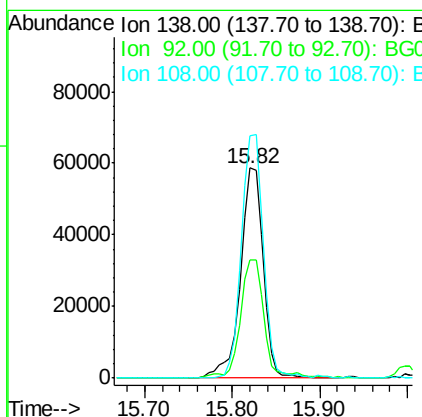
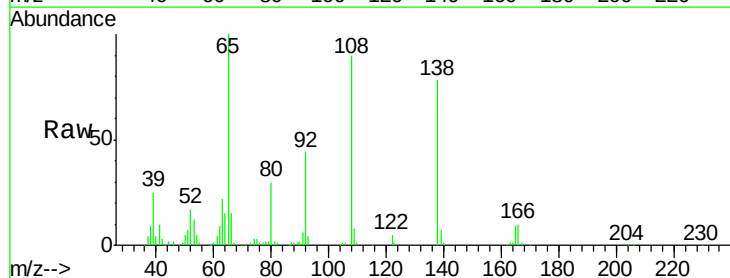
Instrument :
 BNA_G
 ClientSampleID :
 PB120101BS

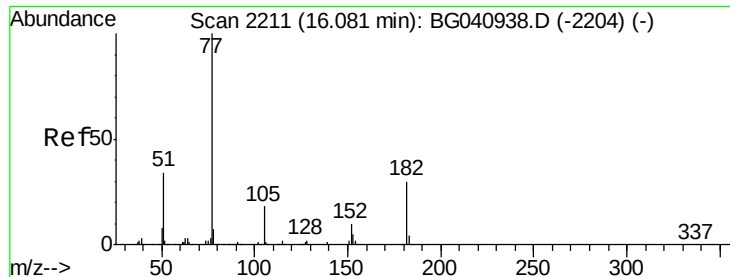
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	54.4	45.1	67.7



#62
 4-Nitroaniline
 Concen: 31.832 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	42.4	82.4
108	115.5	96.9	136.9





#63

Azobenzene

Concen: 33.456 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 77 Resp: 436057

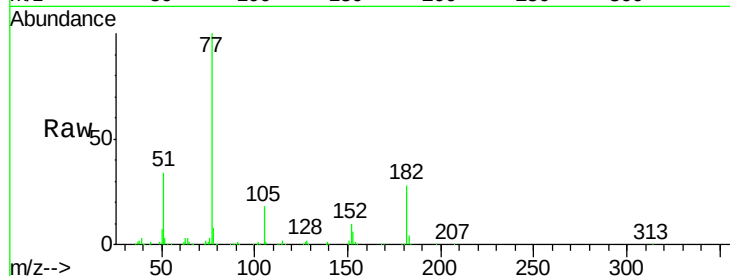
Ion	Ratio	Lower	Upper
77	100		
182	28.1	9.6	49.6
105	18.4	0.0	37.5
51	34.0	13.7	53.7

77 100

182 28.1 9.6 49.6

105 18.4 0.0 37.5

51 34.0 13.7 53.7

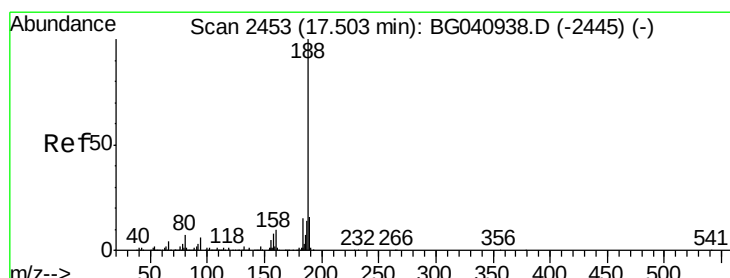
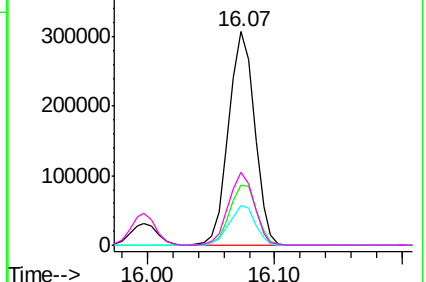
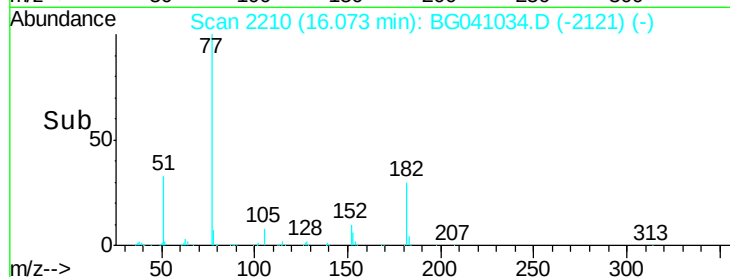


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

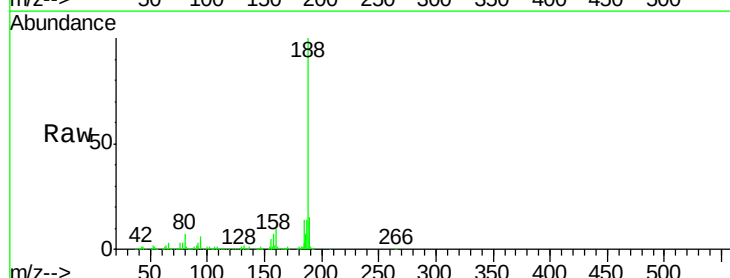
Tgt Ion: 188 Resp: 431508

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.7	7.1
80	6.7	5.8	8.8

188 100

94 5.9 4.7 7.1

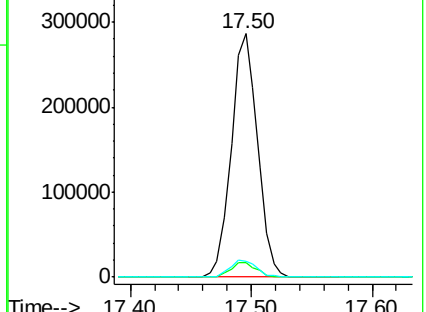
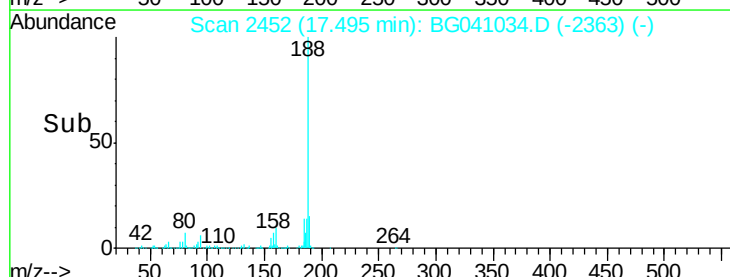
80 6.7 5.8 8.8

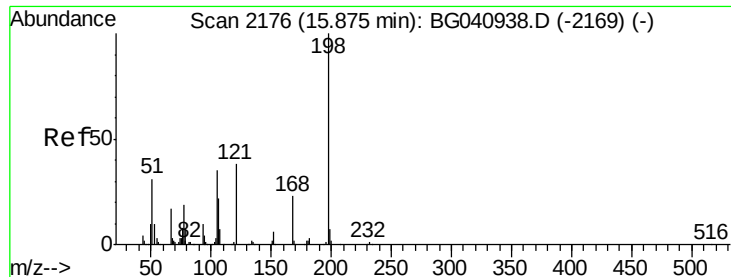


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 36.431 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

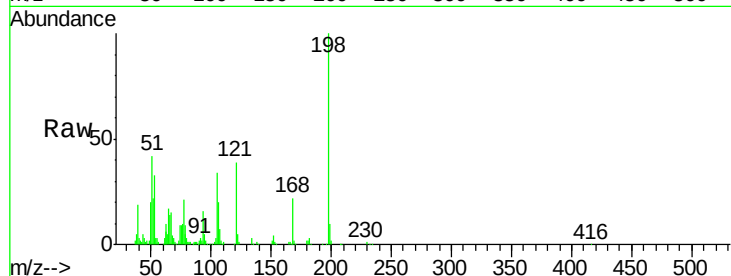
Tot Ion:198 Resp: 78408

Ion Ratio Lower Upper

198 100

51 42.5 21.6 61.6

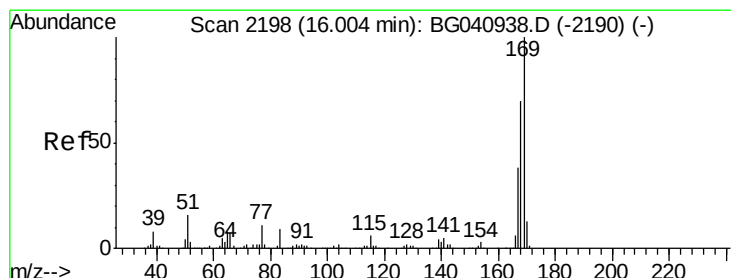
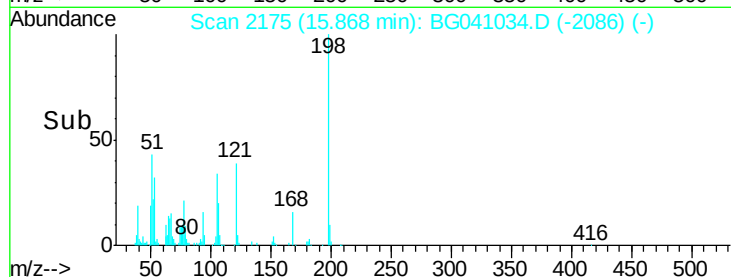
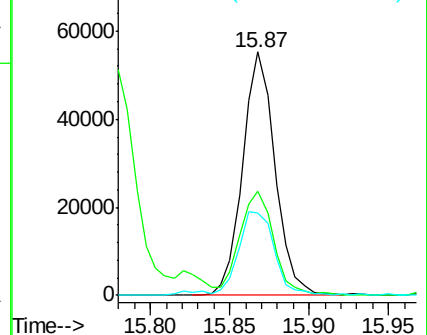
105 33.6 17.5 57.5



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: 32.533 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

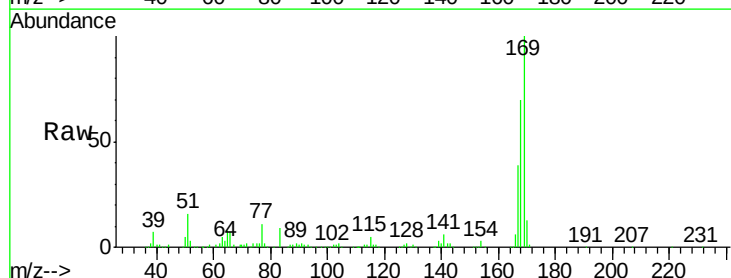
Tgt Ion:169 Resp: 394628

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

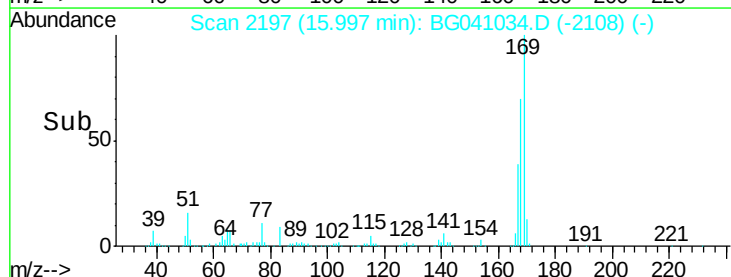
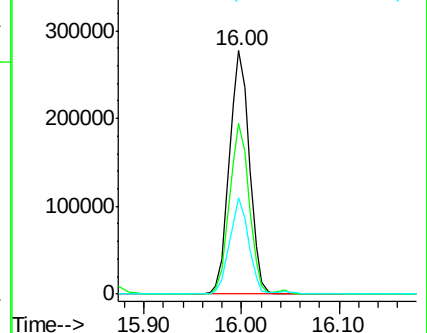
167 39.4 30.2 45.2

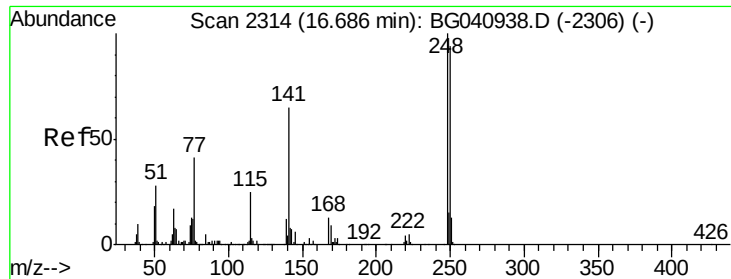


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

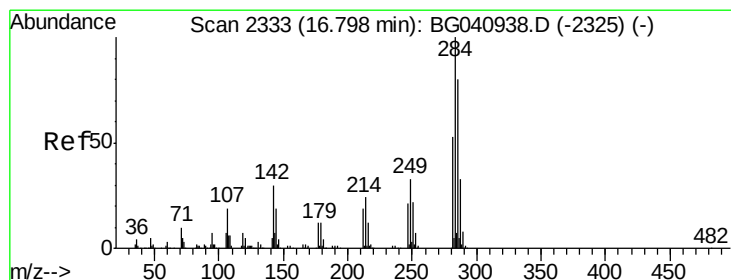
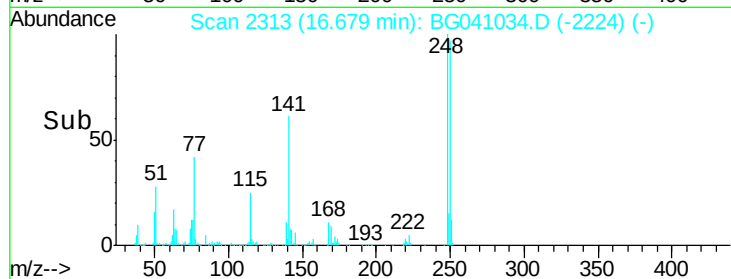
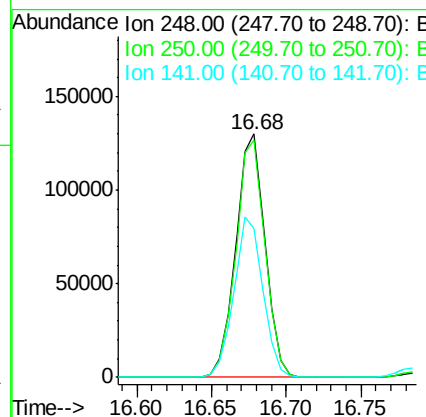
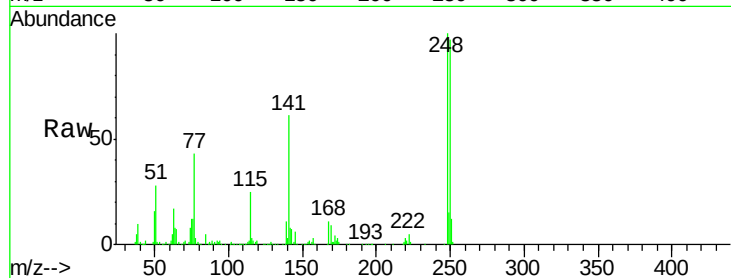




#67
4-Bromophenyl-phenylether
Concen: 30.658 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

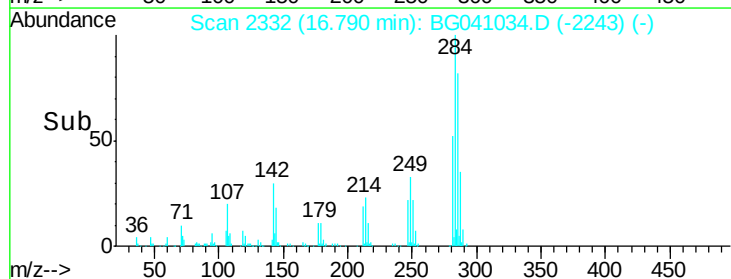
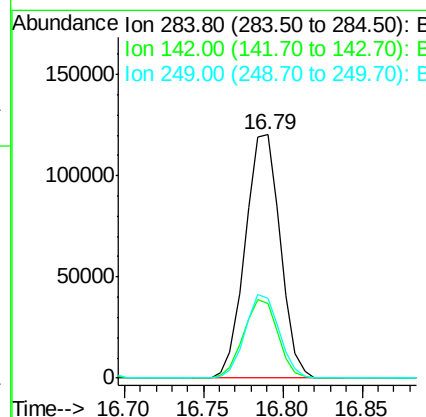
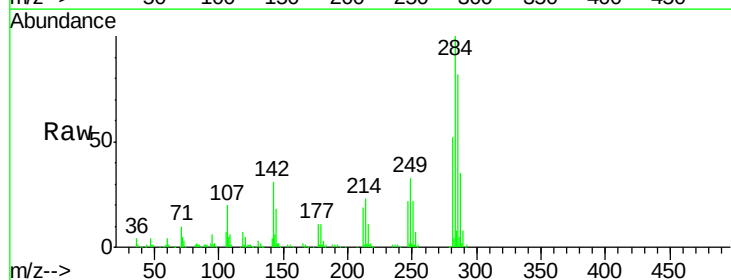
Instrument :
BNA_G
ClientSampleId :
PB120101BS

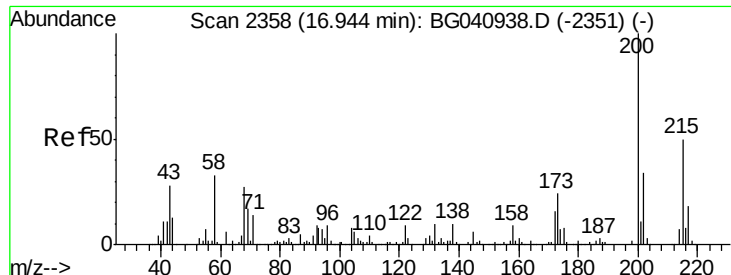
Tot Ion:248 Resp: 178534
Ion Ratio Lower Upper
248 100
250 97.3 75.0 112.4
141 61.3 52.4 78.6



#68
Hexachlorobenzene
Concen: 29.765 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:284 Resp: 184569
Ion Ratio Lower Upper
284 100
142 30.6 23.9 35.9
249 33.0 26.8 40.2

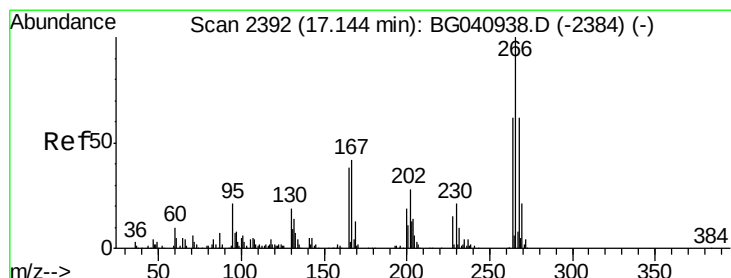
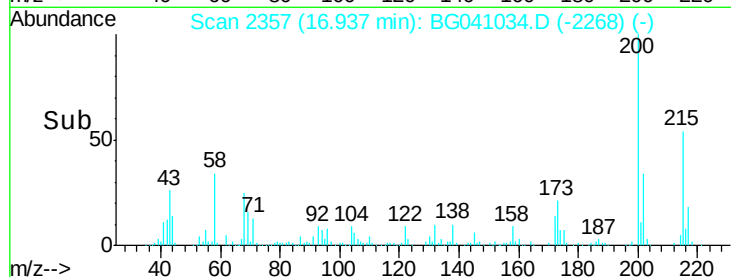
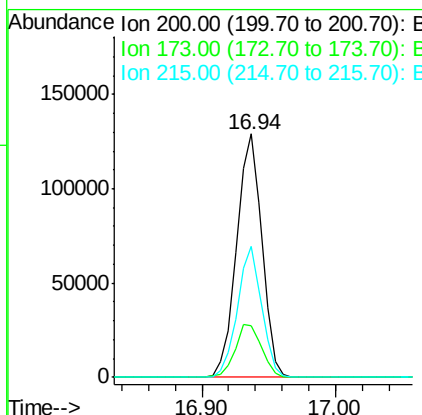
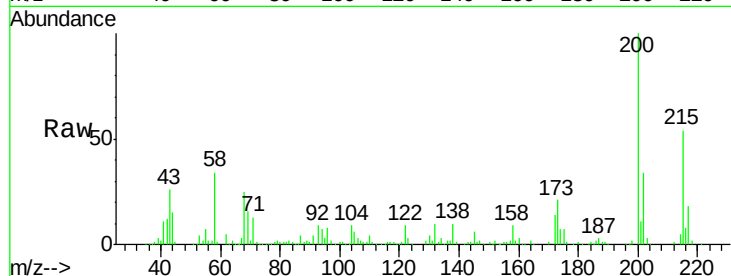




#69
 Atrazine
 Concen: 36.222 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

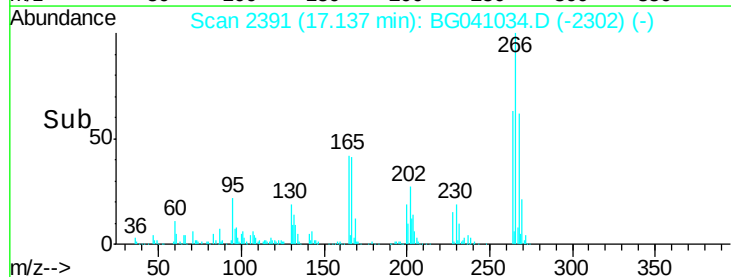
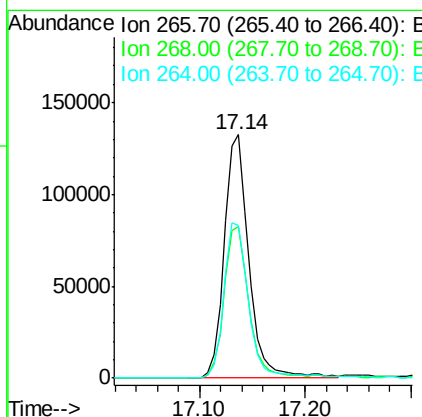
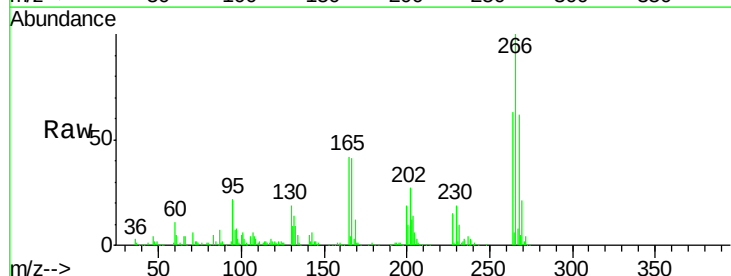
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

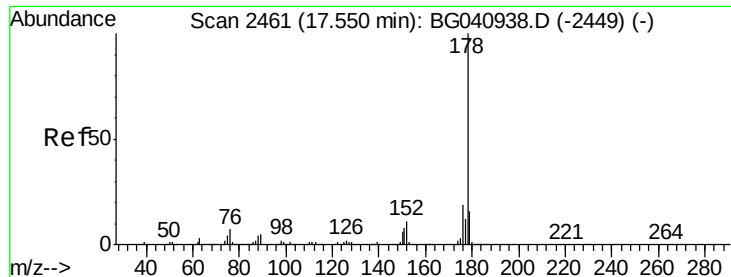
Tot Ion	Ratio	Lower	Upper
200	100		
173	21.2	3.6	43.6
215	53.8	29.6	69.6



#70
 Pentachlorophenol
 Concen: 65.209 ng
 RT: 17.14 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	53.1	79.7
264	62.5	49.9	74.9

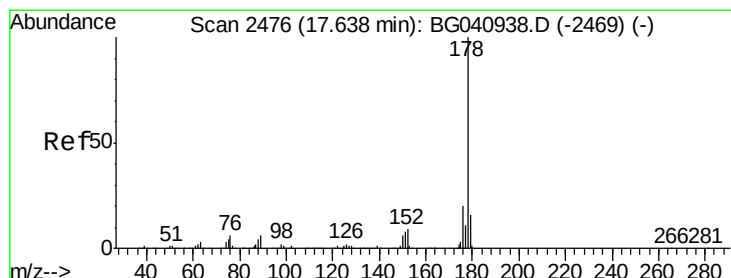
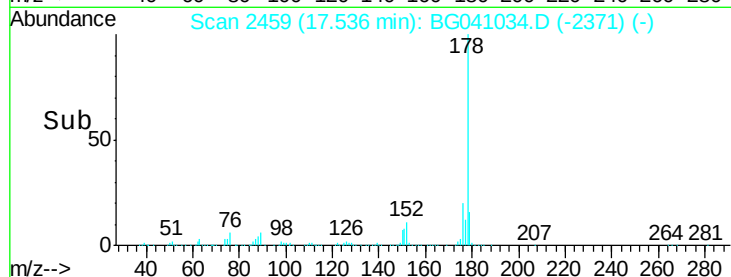
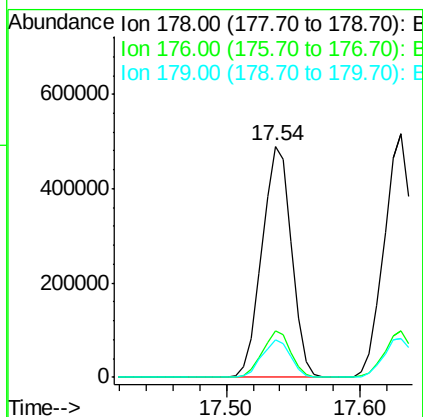
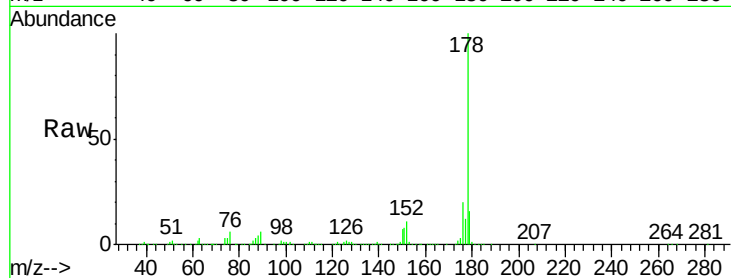




#71
Phenanthrene
Concen: 33.343 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

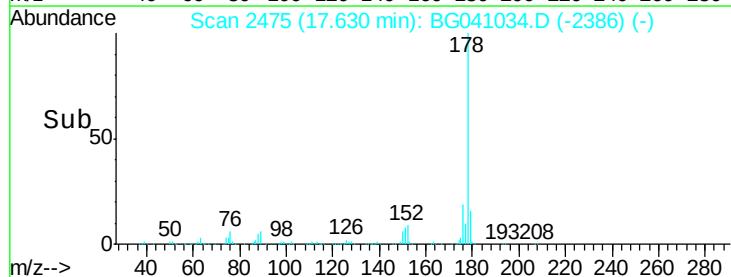
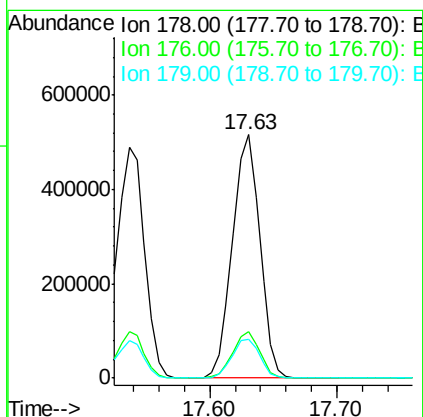
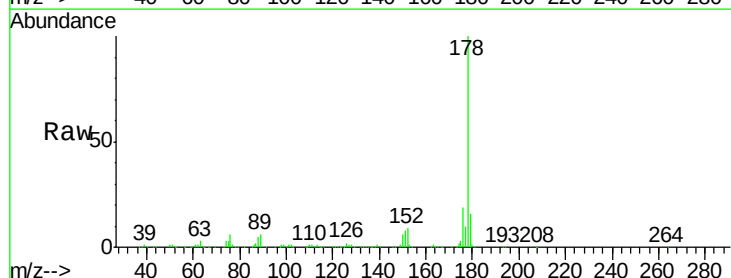
Instrument :
BNA_G
ClientSampleId :
PB120101BS

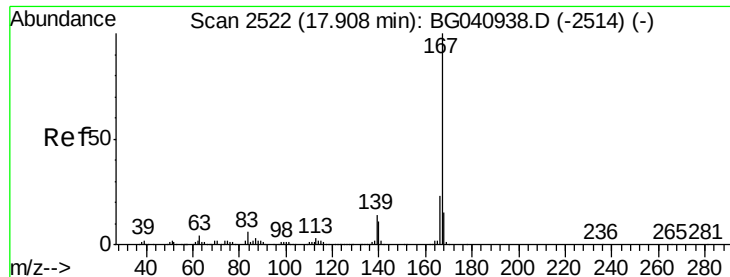
Tot Ion:178 Resp: 749431
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.1 12.7 19.1



#72
Anthracene
Concen: 34.793 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:178 Resp: 771282
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.8 13.0 19.4

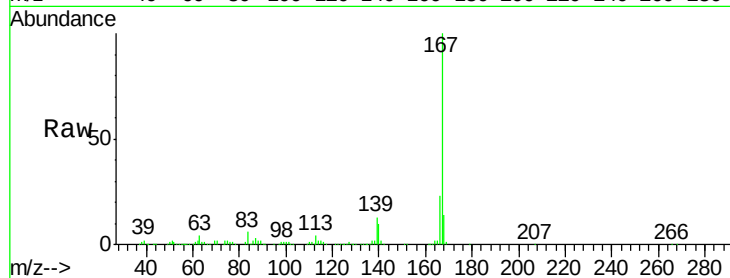




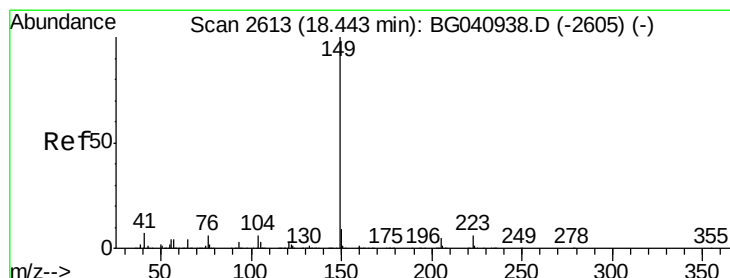
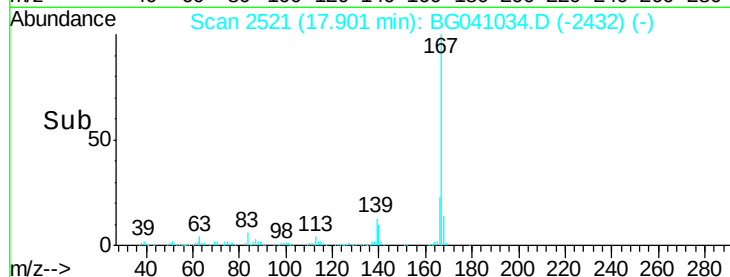
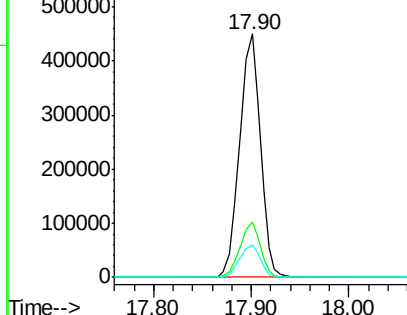
#73
 Carbazole
 Concen: 35.199 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.1	10.8	16.2

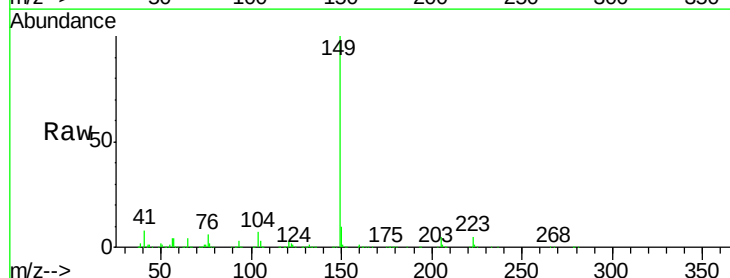


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

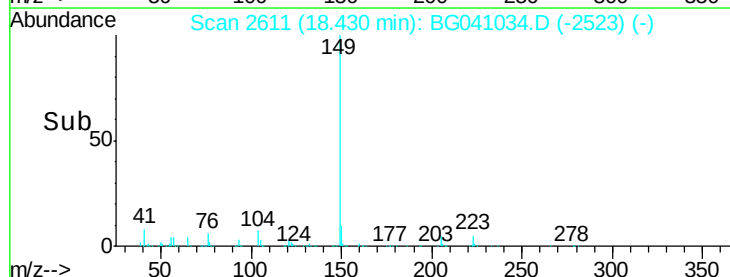
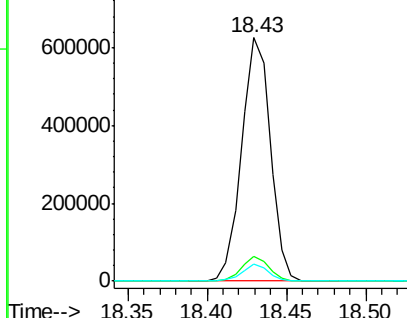


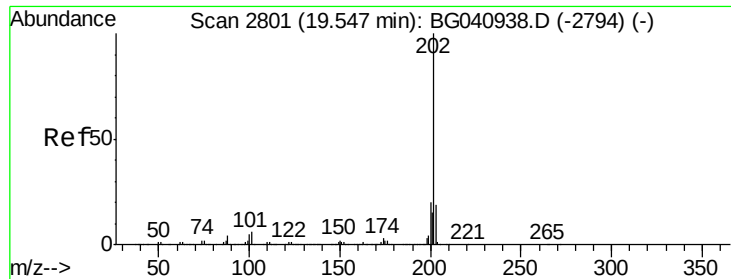
#74
 Di-n-butylphthalate
 Concen: 33.228 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.8	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.130 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

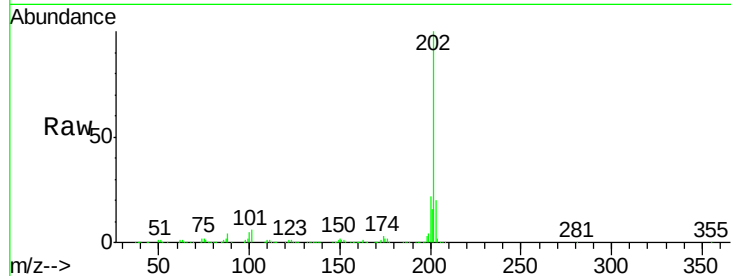
Tot Ion:202 Resp: 975289

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.2

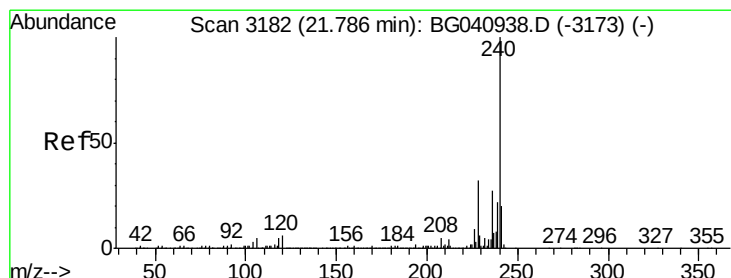
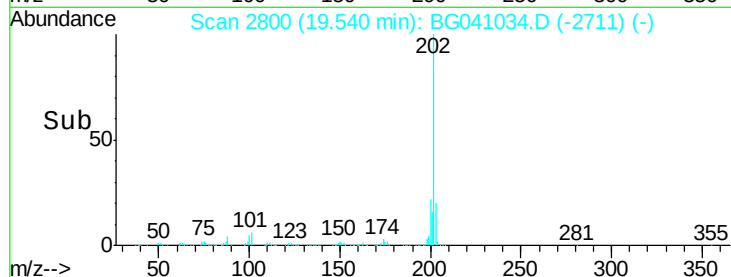
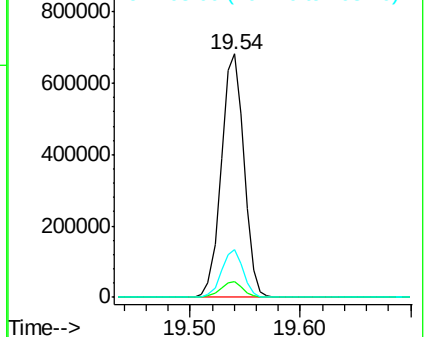
203 19.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

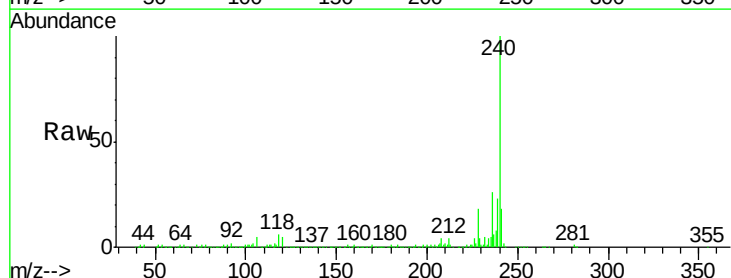
Tgt Ion:240 Resp: 435848

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

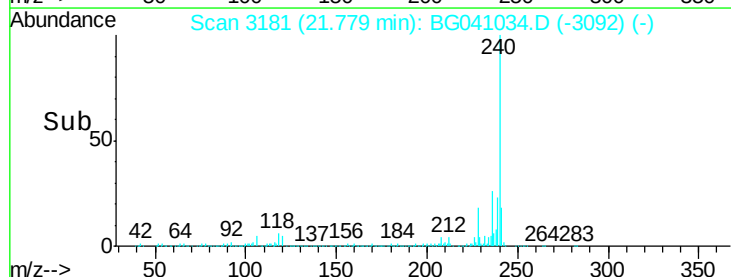
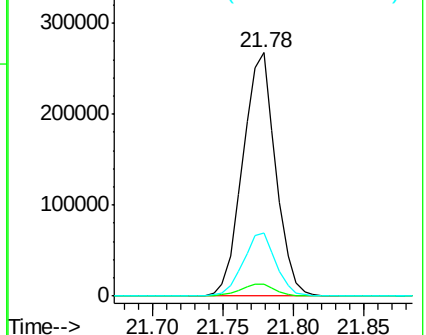
236 26.2 21.3 31.9

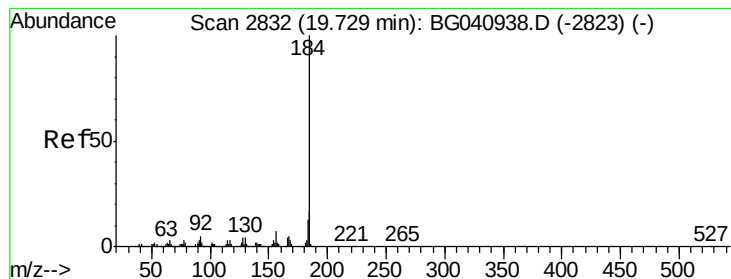


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.241 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

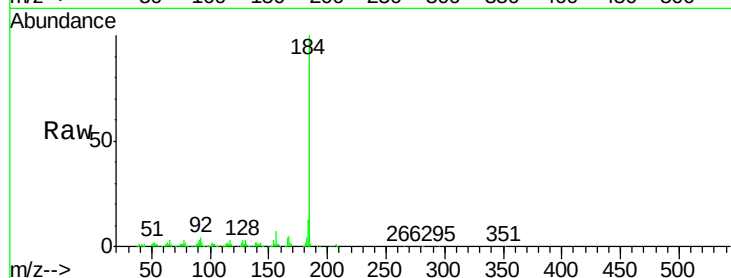
Tot Ion:184 Resp: 304028

Ion Ratio Lower Upper

184 100

185 15.0 13.3 19.9

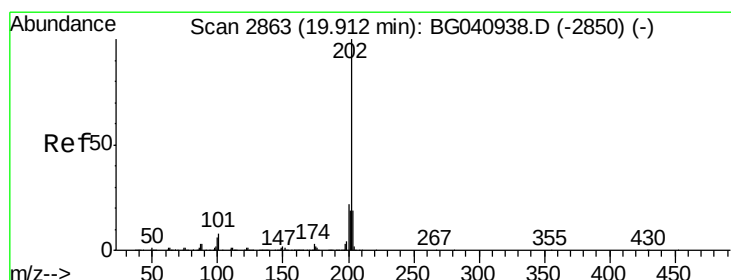
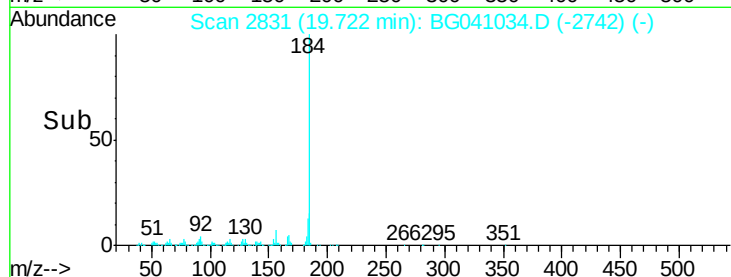
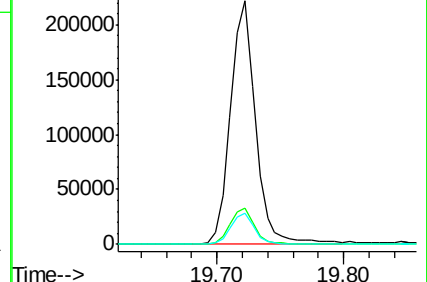
183 12.8 10.7 16.1



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: 34.794 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

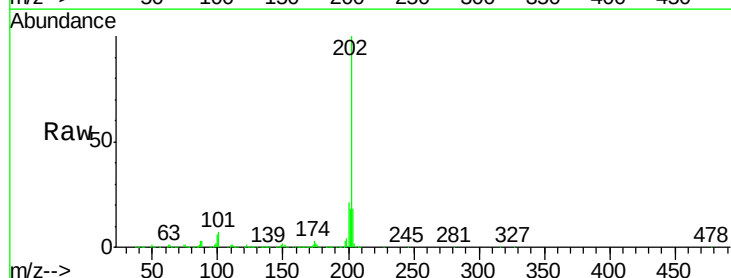
Tgt Ion:202 Resp: 985815

Ion Ratio Lower Upper

202 100

200 21.3 17.5 26.3

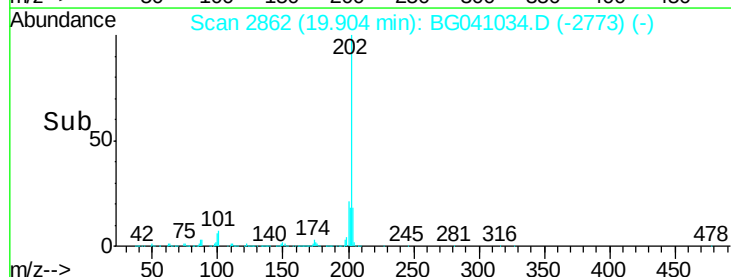
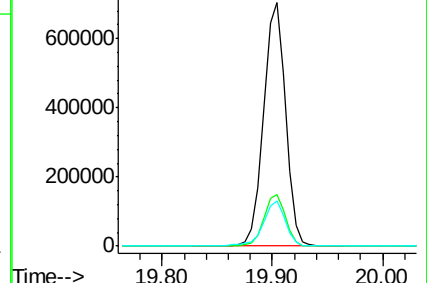
203 18.5 15.6 23.4

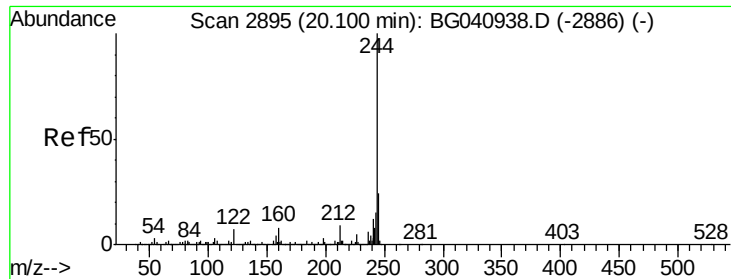


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.648 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

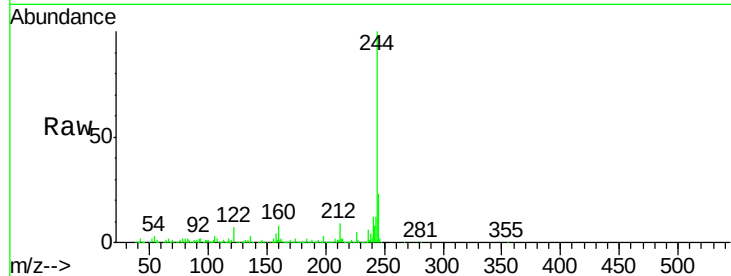
Tot Ion:244 Resp: 1430308

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

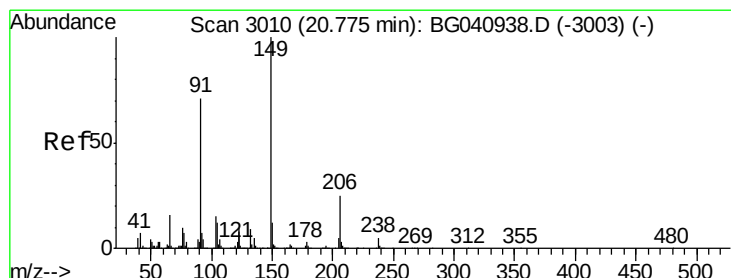
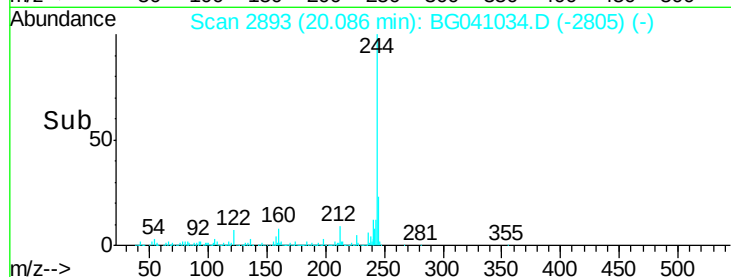
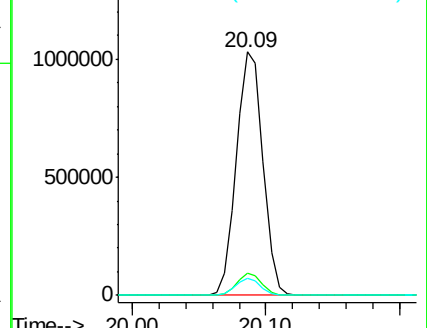
122 7.2 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.550 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

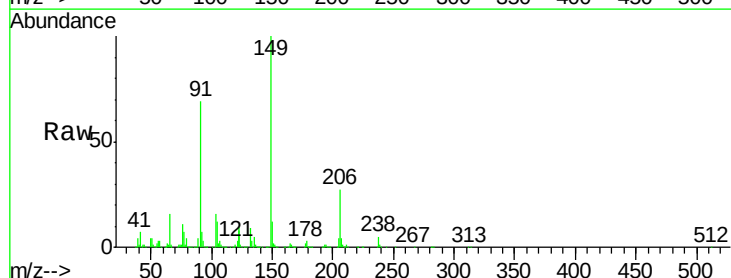
Tgt Ion:149 Resp: 369921

Ion Ratio Lower Upper

149 100

91 69.5 56.5 84.7

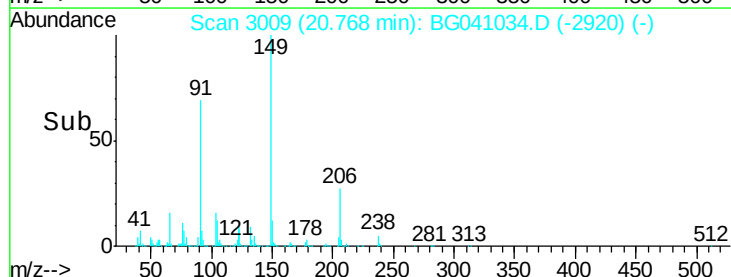
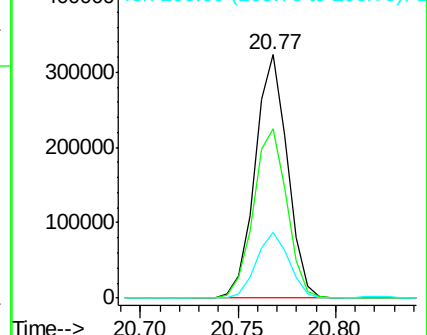
206 26.9 20.3 30.5

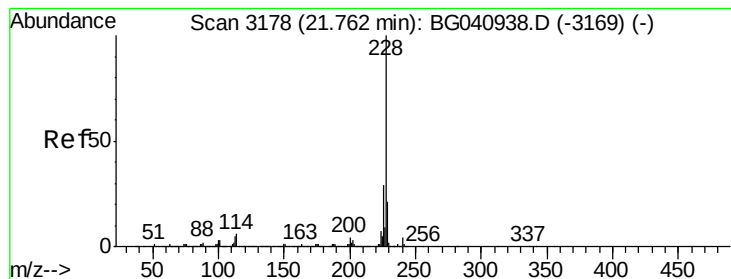


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.185 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

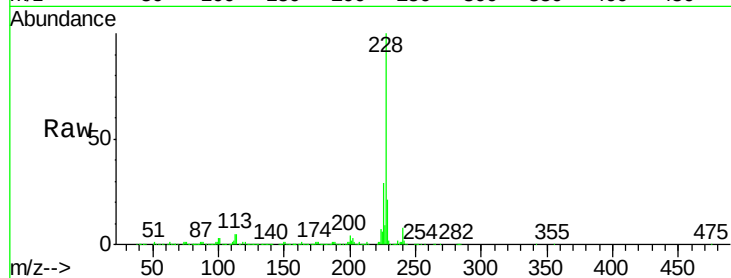
Tot Ion:228 Resp: 962796

Ion Ratio Lower Upper

228 100

226 28.5 23.5 35.3

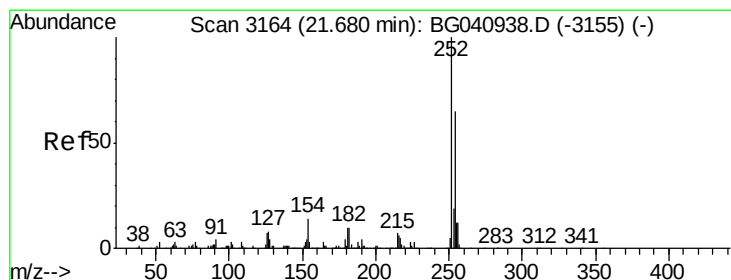
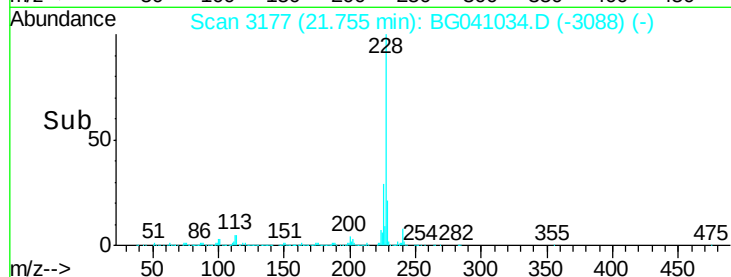
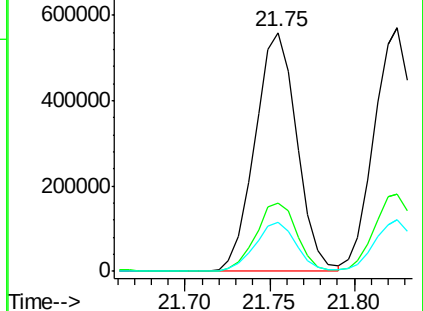
229 20.8 16.7 25.1



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: 23.366 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

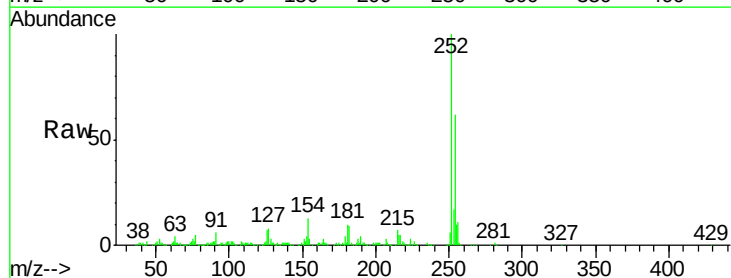
Tgt Ion:252 Resp: 238437

Ion Ratio Lower Upper

252 100

254 61.8 52.1 78.1

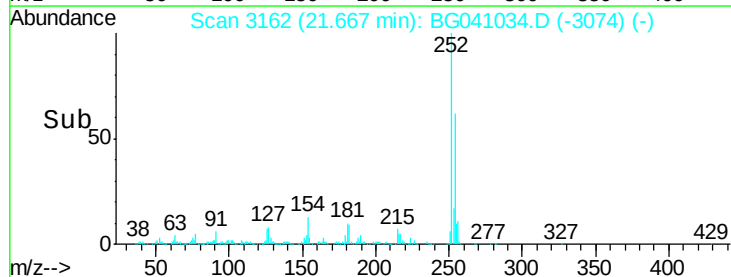
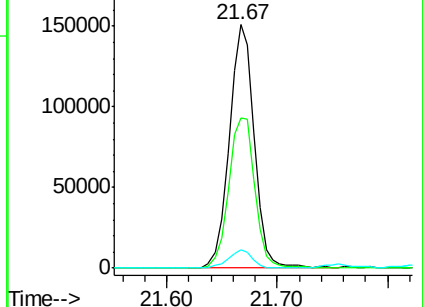
126 7.4 5.5 8.3

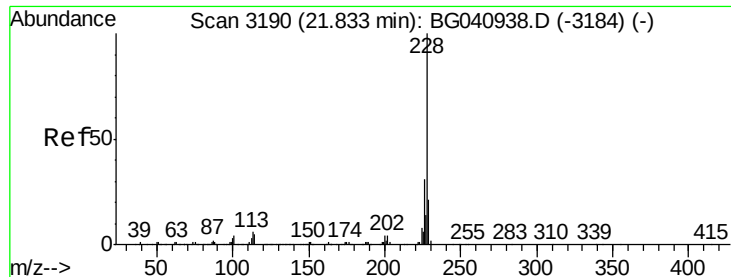


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.816 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

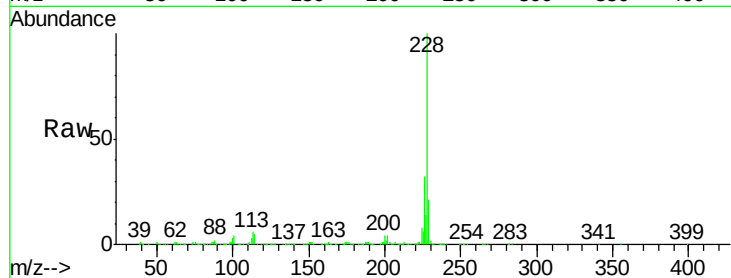
BNA_G

ClientSampleId :

PB120101BS

Tot Ion:228 Resp: 938868

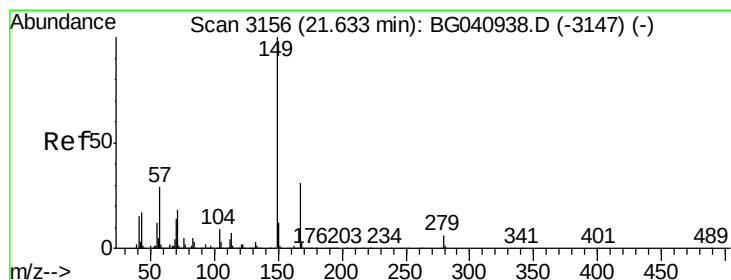
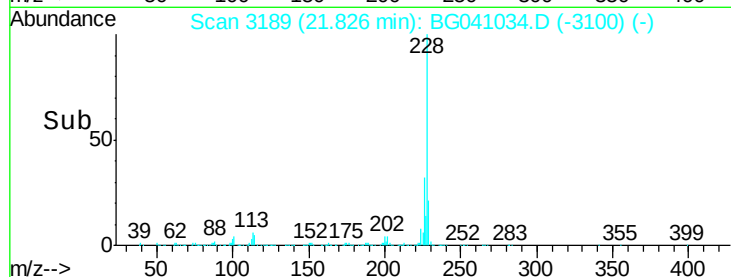
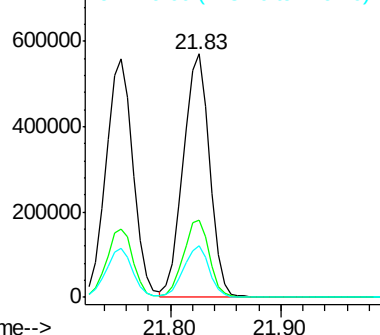
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	21.2	16.6	24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.576 ng

RT: 21.63 min Scan# 3155

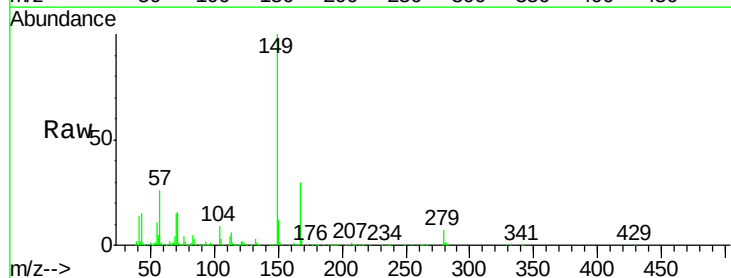
Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion:149 Resp: 505626

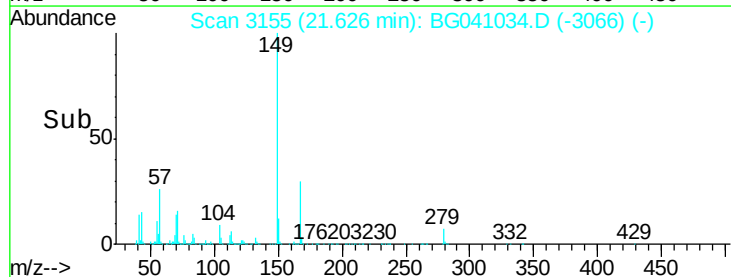
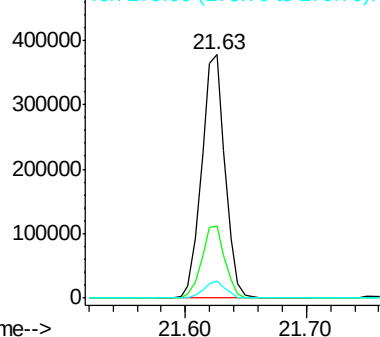
Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.6	37.0
279	7.0	5.0	7.6

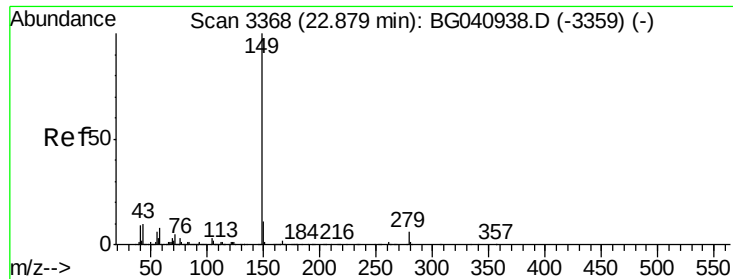


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.437 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

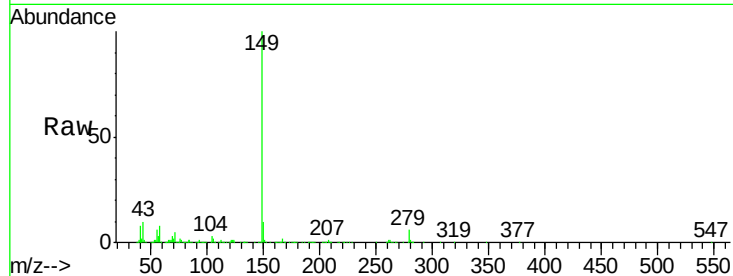
Tot Ion:149 Resp: 864348

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

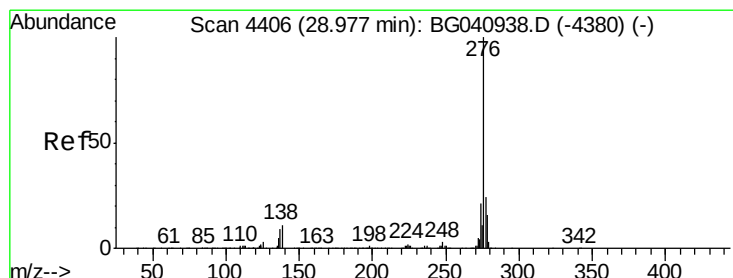
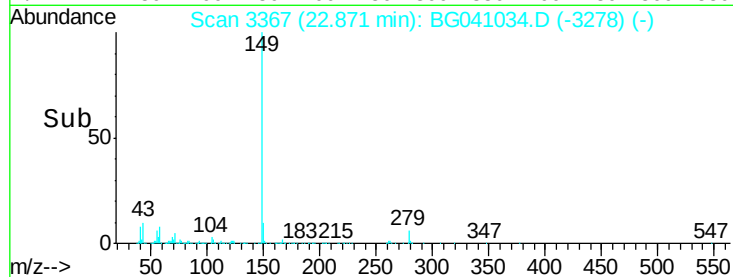
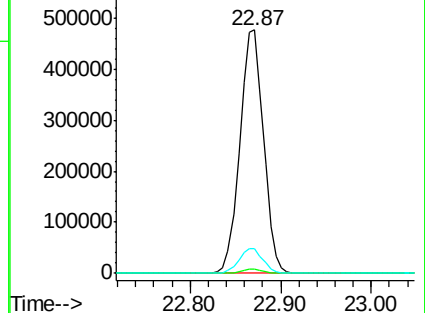
43 10.2 8.1 12.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.314 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

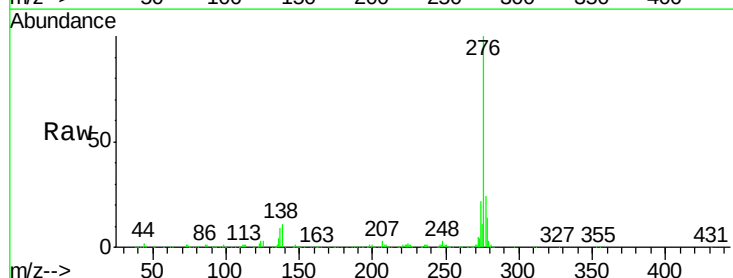
Tgt Ion:276 Resp: 1099026

Ion Ratio Lower Upper

276 100

138 8.9 5.7 8.5#

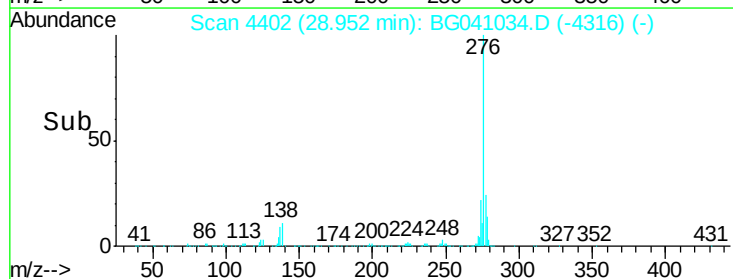
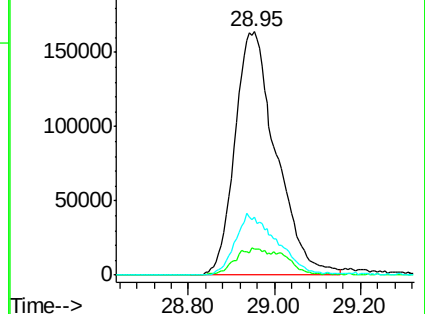
277 25.4 20.8 31.2

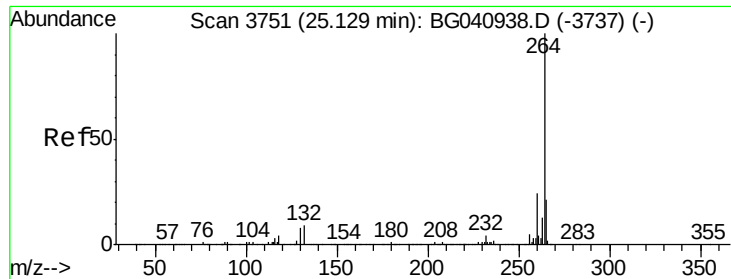


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

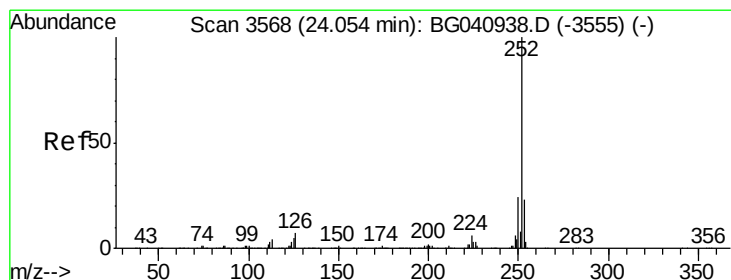
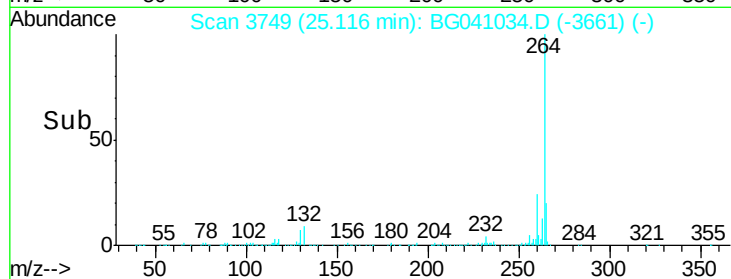
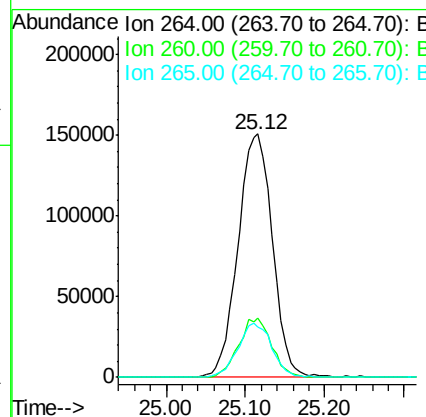
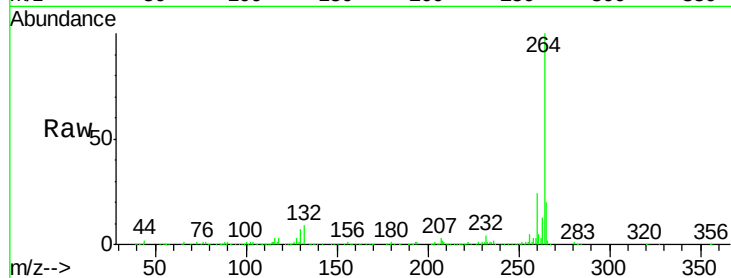




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

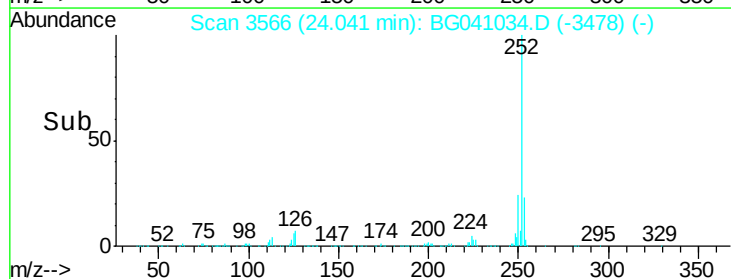
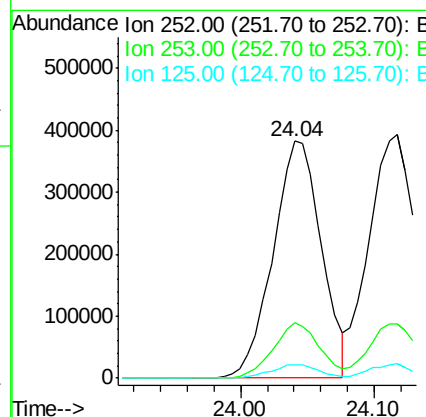
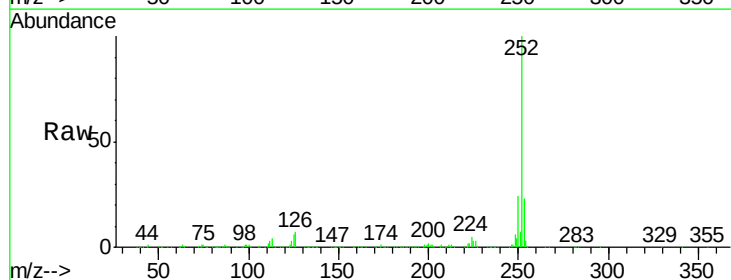
Instrument :
BNA_G
ClientSampleId :
PB120101BS

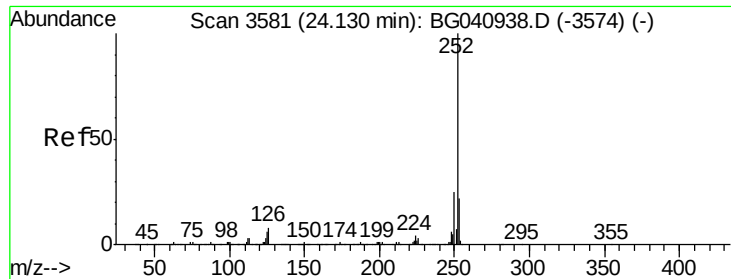
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	20.4	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 34.887 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	5.5	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 35.170 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

PB120101BS

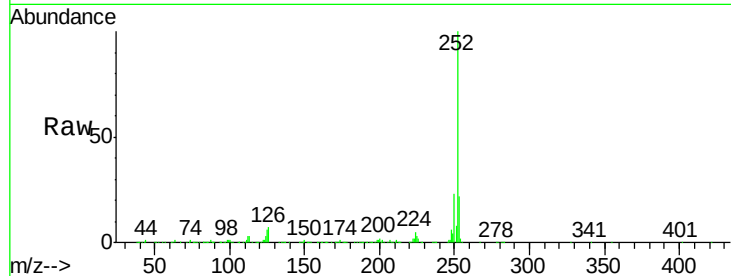
Tot Ion:252 Resp: 957818

Ion Ratio Lower Upper

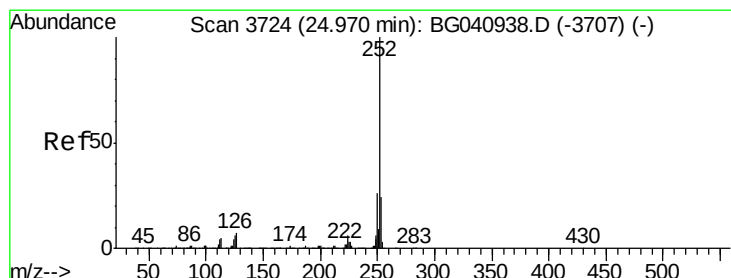
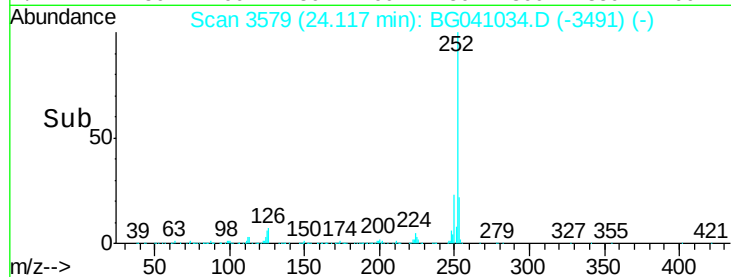
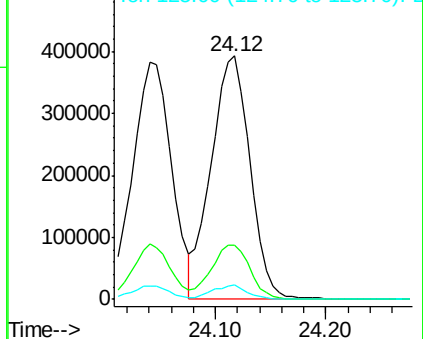
252 100

253 22.3 17.8 26.6

125 5.9 4.7 7.1



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



#90

Benzo(a)pyrene

Concen: 36.145 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

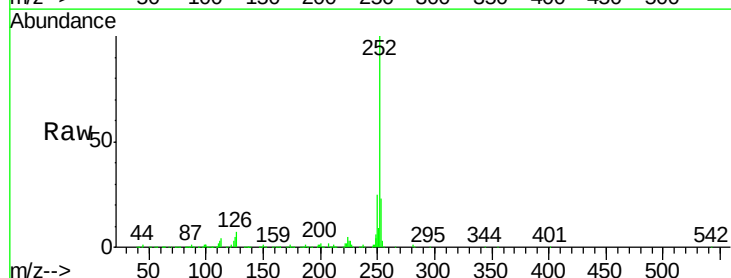
Tgt Ion:252 Resp: 949051

Ion Ratio Lower Upper

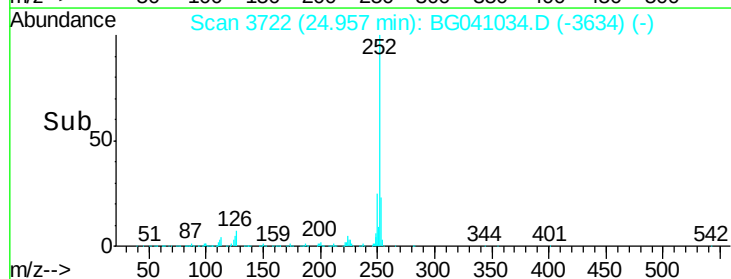
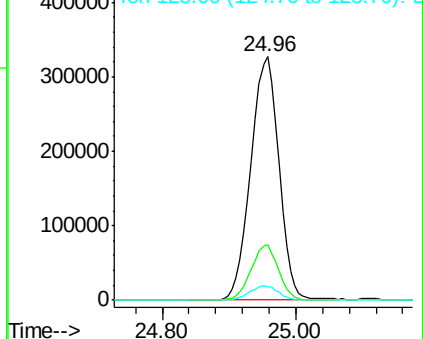
252 100

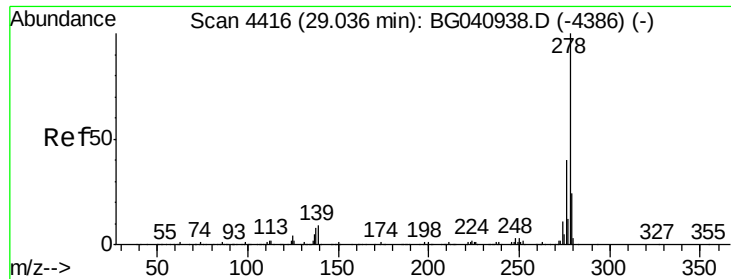
253 22.7 19.5 29.3

125 5.3 5.1 7.7



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

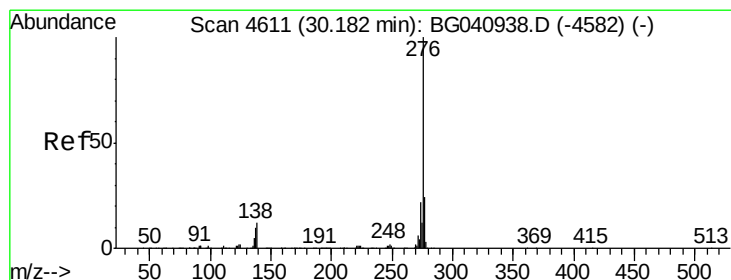
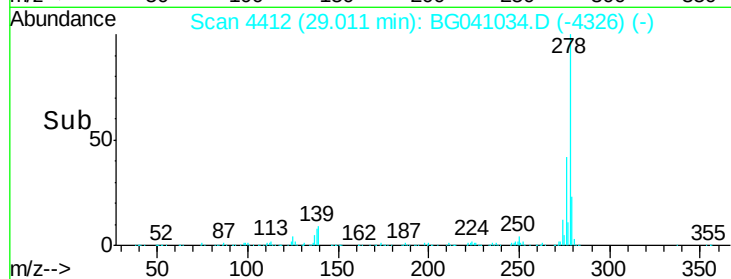
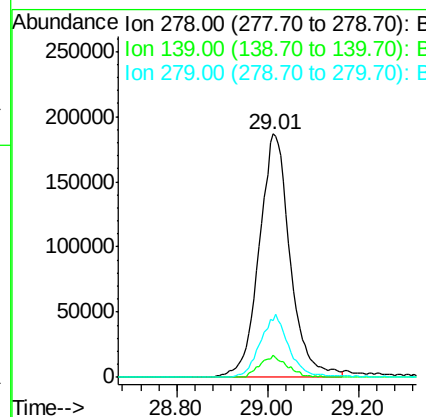
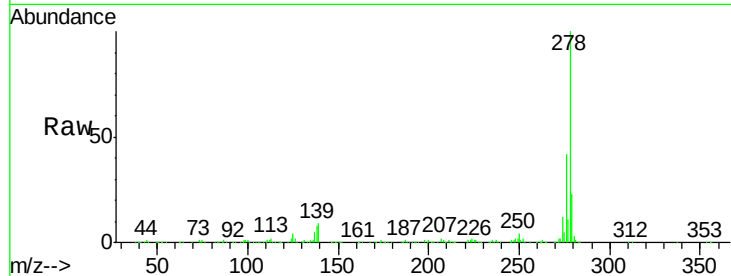




#91
Dibenzo(a,h)anthracene
Concen: 33.838 ng
RT: 29.01 min Scan# 4412
Delta R.T. -0.02 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:278 Resp: 887789
Ion Ratio Lower Upper
278 100
139 9.4 7.1 10.7
279 23.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 35.140 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:276 Resp: 895684
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 10.4 9.7 14.5

