

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045936.D
 Acq On : 3 Jul 2020 6:47
 Operator : CG/JU
 Sample : L3197-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Quant Time: Jul 04 00:11:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	47542	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	180443	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	131342	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	336133	20.00	ng	0.00
76) Chrysene-d12	21.51	240	335726	20.00	ng	0.00
86) Perylene-d12	24.59	264	350531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	399700	142.02	ng	0.00
7) Phenol-d6	7.07	99	520344	121.55	ng	0.00
23) Nitrobenzene-d5	9.02	82	414709	104.99	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	321239	162.00	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	915907	102.48	ng	0.00
79) Terphenyl-d14	19.89	244	1802094	108.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	52706	40.889	ng	# 35
3) Pyridine	3.70	79	128850	33.733	ng	94
4) n-Nitrosodimethylamine	3.60	42	57436	44.796	ng	96
6) Aniline	7.18	93	164004	32.536	ng	97
8) 2-Chlorophenol	7.43	128	152186	50.518	ng	96
9) Benzaldehyde	6.99	77	57091	22.203	ng	95
10) Phenol	7.09	94	170997	41.224	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	145117	46.060	ng	99
12) 1,3-Dichlorobenzene	7.74	146	166675	46.427	ng	97
13) 1,4-Dichlorobenzene	7.89	146	169074	47.150	ng	97
14) 1,2-Dichlorobenzene	8.21	146	157132	45.772	ng	99
15) Benzyl Alcohol	8.11	79	158851	47.950	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.38	45	141149	47.535	ng	98
17) 2-Methylphenol	8.34	107	135832	44.002	ng	99
18) Hexachloroethane	8.94	117	65412	48.029	ng	100
19) n-Nitroso-di-n-propylamine	8.67	70	137055	48.697	ng	# 98
20) 3+4-Methylphenols	8.67	107	176630	43.507	ng	96
22) Acetophenone	8.68	105	242851	49.035	ng	# 97
24) Nitrobenzene	9.06	77	206752	49.092	ng	99
25) Isophorone	9.58	82	373844	48.890	ng	98
26) 2-Nitrophenol	9.78	139	88156	50.244	ng	96
27) 2,4-Dimethylphenol	9.86	122	141088	52.669	ng	96
28) bis(2-Chloroethoxy)methane	10.07	93	198379	49.667	ng	99
29) 2,4-Dichlorophenol	10.34	162	159257	50.956	ng	94
30) 1,2,4-Trichlorobenzene	10.53	180	175935	47.551	ng	98
31) Naphthalene	10.71	128	477528	48.406	ng	98
32) Benzoic acid	10.06	122	51992	33.307	ng	86
33) 4-Chloroaniline	10.83	127	58089	14.061	ng	96
34) Hexachlorobutadiene	11.00	225	122536	46.568	ng	98
35) Caprolactam	11.60	113	24365	24.091	ng	98
36) 4-Chloro-3-methylphenol	12.00	107	189517	52.519	ng	99
37) 2-Methylnaphthalene	12.33	142	361353	49.191	ng	98
38) 1-Methylnaphthalene	12.54	142	348302	50.104	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	204021	47.175	ng	98

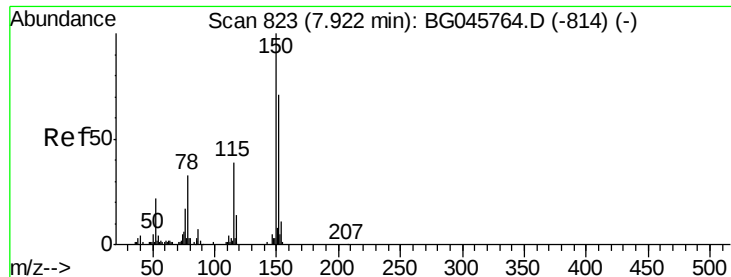
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	191092	79.993	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	139939	47.725	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	146918	43.963	ng	96
46) 1,1'-Biphenyl	13.34	154	464464	49.394	ng	99
47) 2-Chloronaphthalene	13.38	162	363948	47.914	ng	99
48) 2-Nitroaniline	13.60	65	129853	51.393	ng	96
49) Acenaphthylene	14.24	152	601758	49.460	ng	98
50) Dimethylphthalate	13.97	163	528004	51.316	ng	99
51) 2,6-Dinitrotoluene	14.09	165	120183	52.005	ng	98
52) Acenaphthene	14.58	154	360013	48.817	ng	98
53) 3-Nitroaniline	14.43	138	77466	33.559	ng	99
54) 2,4-Dinitrophenol	14.64	184	129105	97.931	ng	95
55) Dibenzofuran	14.91	168	595952	49.744	ng	100
56) 4-Nitrophenol	14.79	139	129097	78.156	ng	95
57) 2,4-Dinitrotoluene	14.89	165	174576	52.724	ng	97
58) Fluorene	15.56	166	508812	51.075	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	139564	48.117	ng	99
60) Diethylphthalate	15.34	149	561252	53.359	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	279418	48.664	ng	99
62) 4-Nitroaniline	15.60	138	122673	51.782	ng	95
63) Azobenzene	15.85	77	537258	53.196	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	107161	51.587	ng	97
66) n-Nitrosodiphenylamine	15.77	169	456359	47.934	ng	97
67) 4-Bromophenyl-phenylether	16.45	248	197324	45.179	ng	94
68) Hexachlorobenzene	16.58	284	221821	48.978	ng	99
69) Atrazine	16.73	200	185186	50.126	ng	97
70) Pentachlorophenol	16.93	266	164213	74.138	ng	98
71) Phenanthrene	17.31	178	860282	49.625	ng	100
72) Anthracene	17.40	178	876899	50.797	ng	98
73) Carbazole	17.67	167	829432	50.461	ng	99
74) Di-n-butylphthalate	18.23	149	1011573	51.976	ng	99
75) Fluoranthene	19.32	202	1120505	52.564	ng	99
77) Benzidine	19.50	184	77161	8.841	ng	99
78) Pyrene	19.68	202	1110405	49.392	ng	99
80) Butylbenzylphthalate	20.57	149	467146	49.643	ng	98
81) Benzo(a)anthracene	21.50	228	1071136	49.210	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	296882	36.059	ng	98
83) Chrysene	21.56	228	1033213	49.077	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	656973	50.192	ng	99
85) Di-n-octyl phthalate	22.57	149	1128751	49.994	ng	100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1354529	53.303	ng	99
88) Benzo(b)fluoranthene	23.62	252	1147138	52.195	ng	99
89) Benzo(k)fluoranthene	23.69	252	1126442	53.551	ng	100
90) Benzo(a)pyrene	24.45	252	1068764	52.057	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	1105135	54.232	ng	98
92) Benzo(g,h,i)perylene	29.18	276	1084842	53.187	ng	98

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

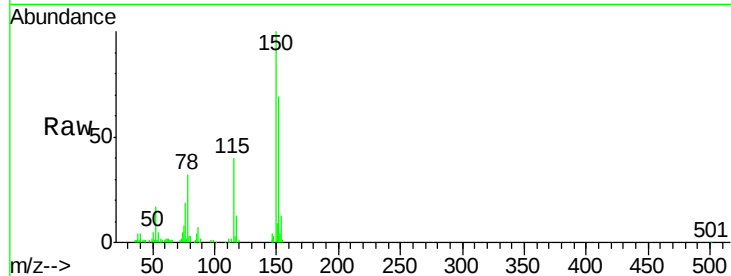


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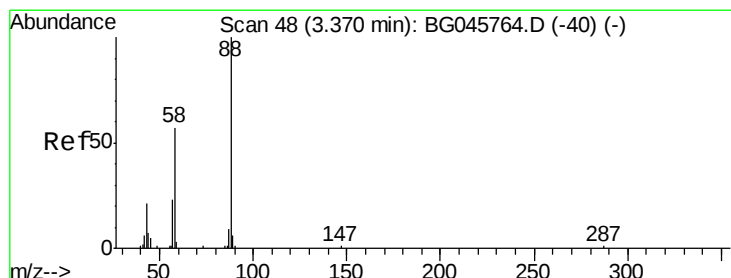
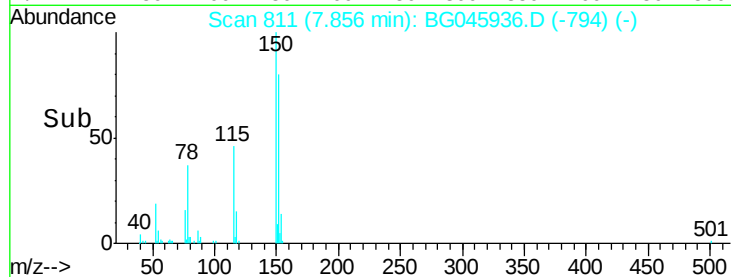
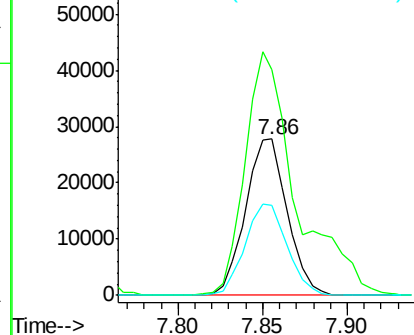
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	124.5	186.7
115	57.3	45.8	68.8



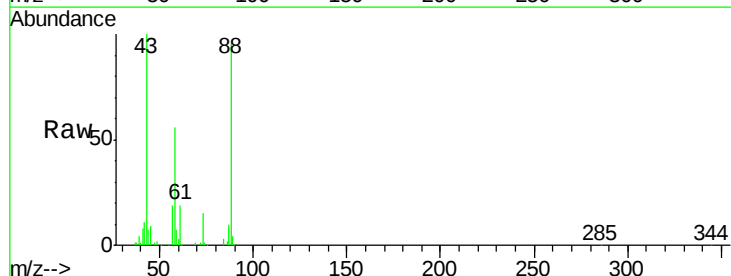
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



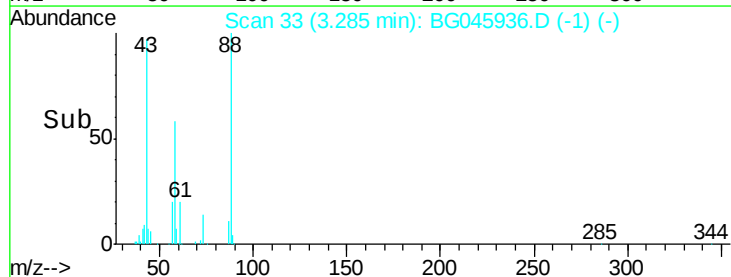
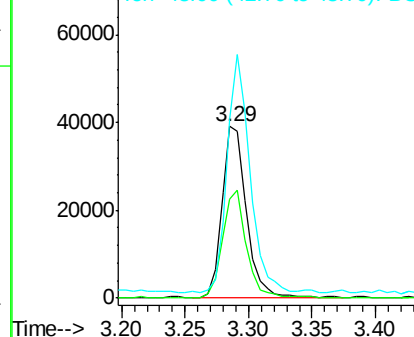
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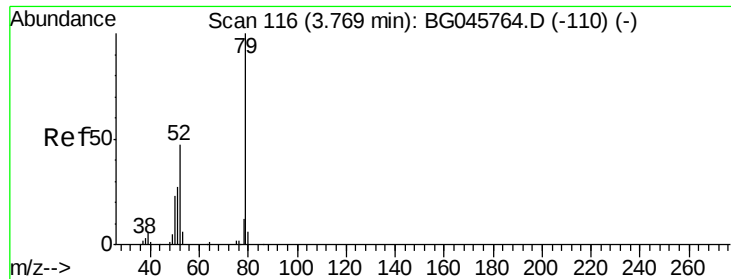
1,4-Dioxane
Concen: 40.889 ng
RT: 3.29 min Scan# 33
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	47.1	70.7
43	128.9	19.4	29.2



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: 33.733 ng

RT: 3.70 min Scan# 103

Delta R.T. 0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

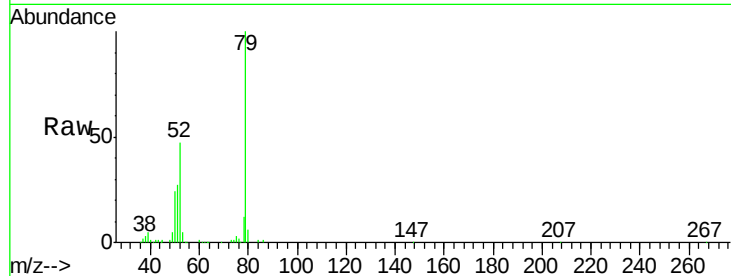
Tot Ion: 79 Resp: 128850

Ion Ratio Lower Upper

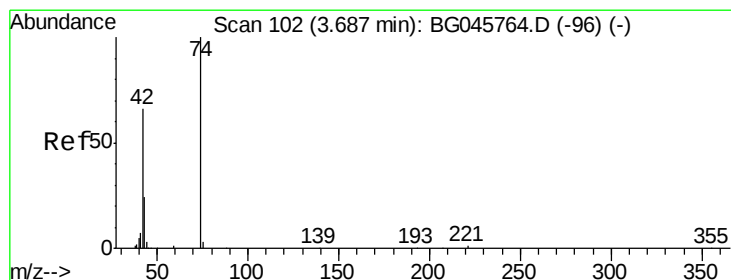
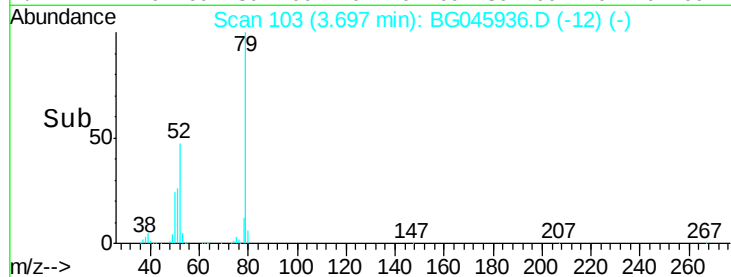
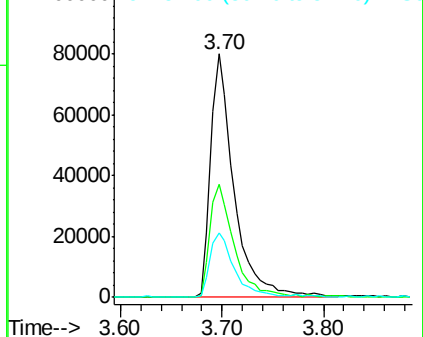
79 100

52 46.7 41.0 61.4

51 26.5 23.0 34.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.796 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

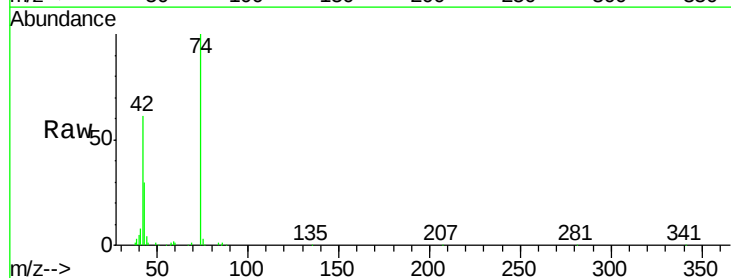
Tgt Ion: 42 Resp: 57436

Ion Ratio Lower Upper

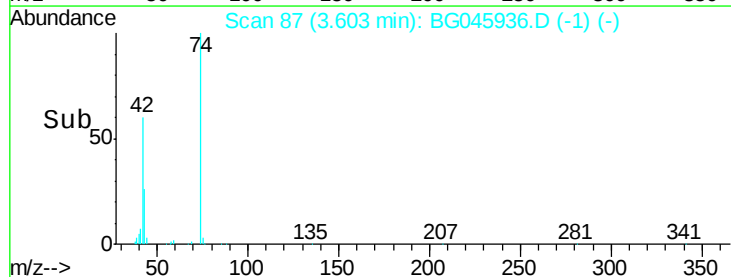
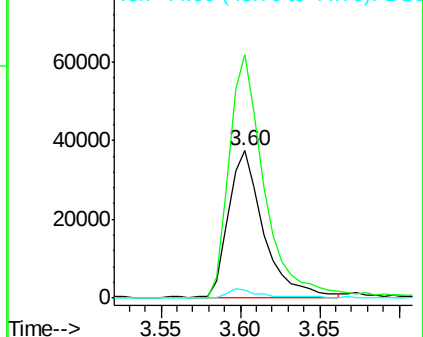
42 100

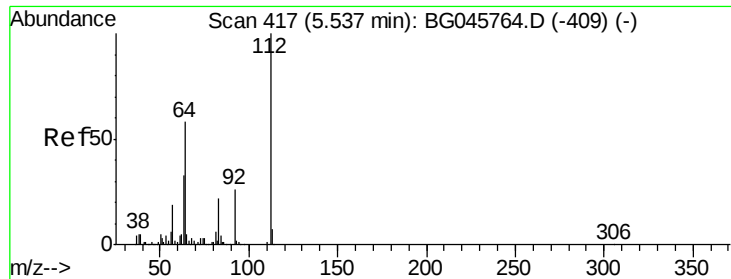
74 165.0 127.8 191.6

44 5.9 4.1 6.1



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.019 ng

RT: 5.45 min Scan# 401

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

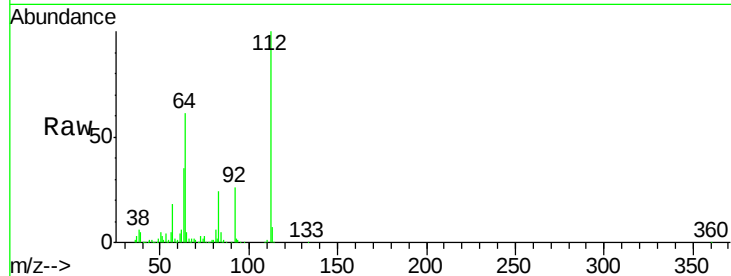
Tot Ion:112 Resp: 399700

Ion Ratio Lower Upper

112 100

64 60.9 44.9 67.3

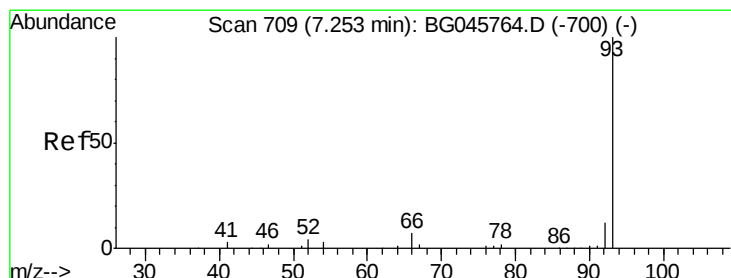
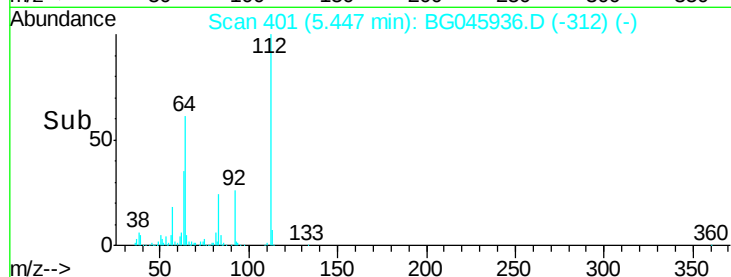
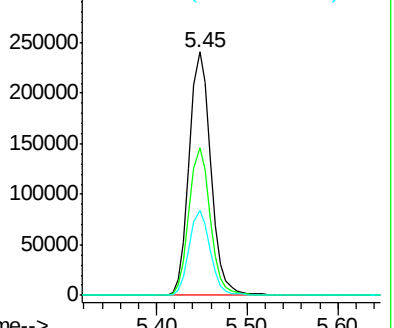
63 35.1 26.9 40.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.536 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

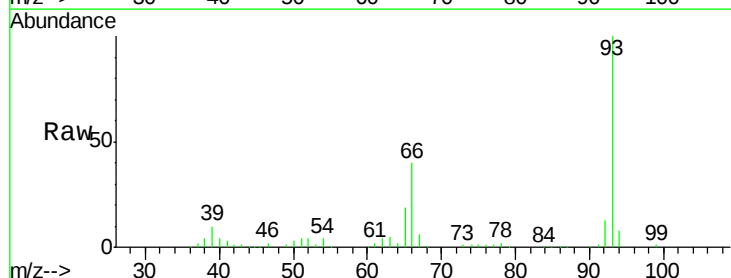
Tgt Ion: 93 Resp: 164004

Ion Ratio Lower Upper

93 100

66 39.8 30.4 45.6

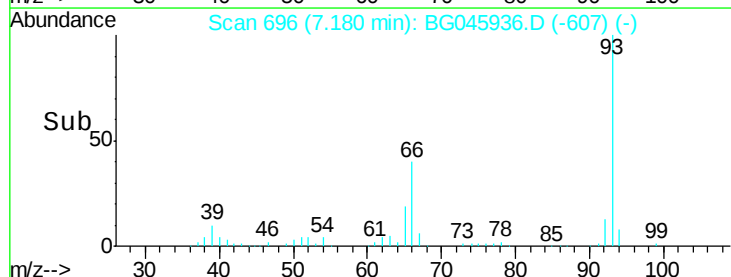
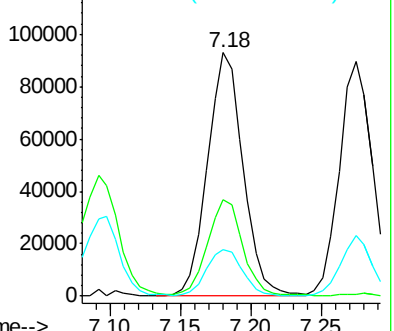
65 19.1 16.2 24.2

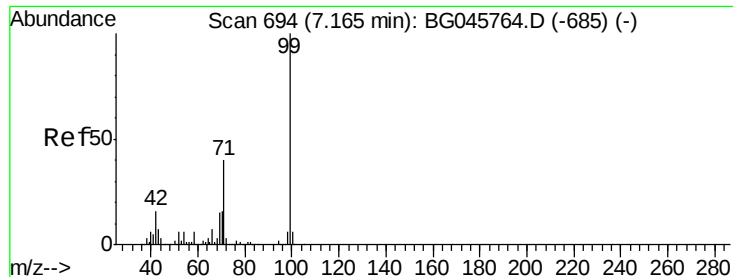


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.548 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

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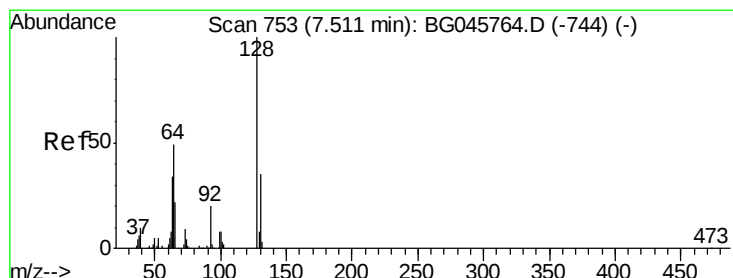
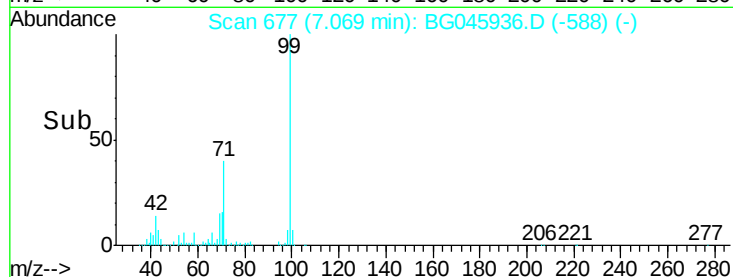
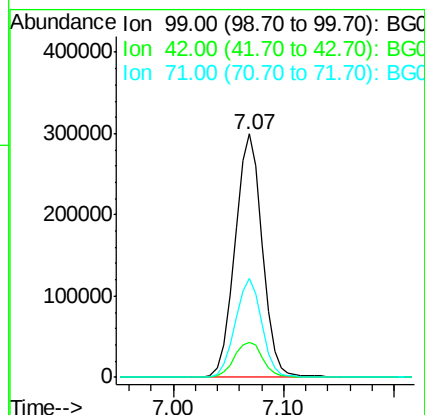
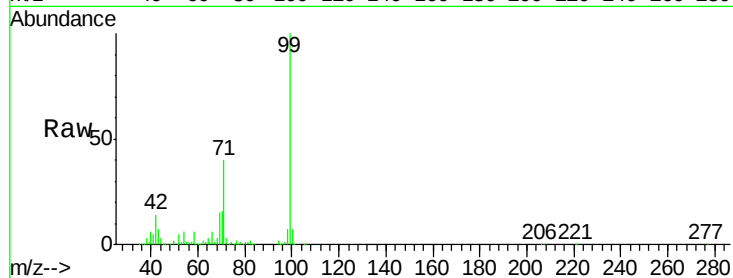
Tot Ion: 99 Resp: 520344

Ion Ratio Lower Upper

99 100

42 14.4 11.8 17.8

71 40.5 31.0 46.6



#8

2-Chlorophenol

Concen: 50.518 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

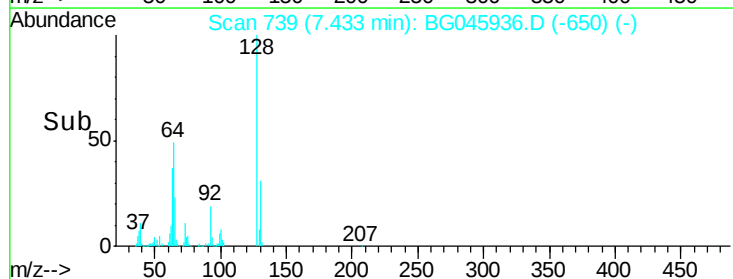
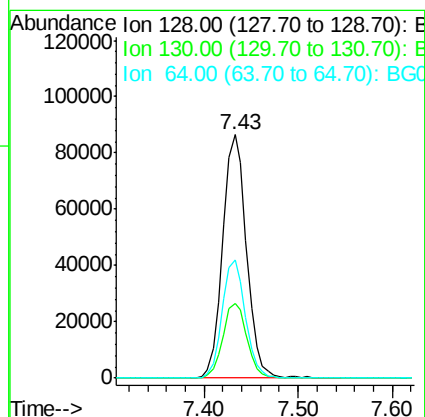
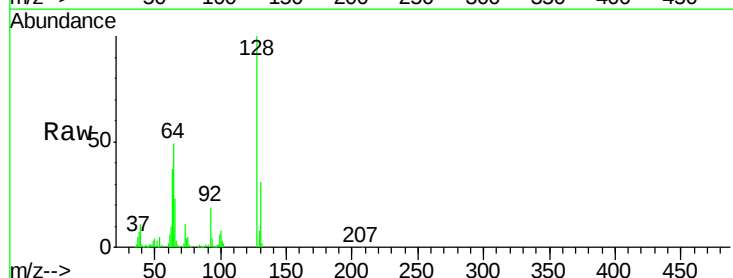
Tgt Ion: 128 Resp: 152186

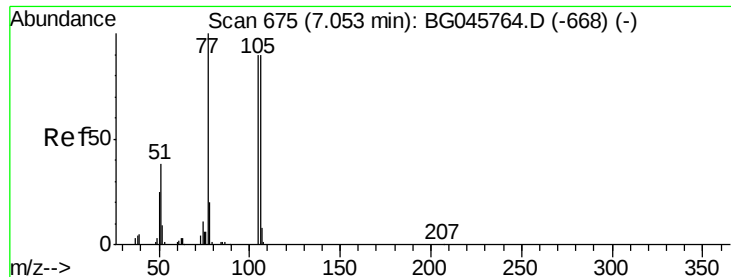
Ion Ratio Lower Upper

128 100

130 30.8 13.7 53.7

64 48.7 26.7 66.7





#9

Benzaldehyde

Concen: 22.203 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

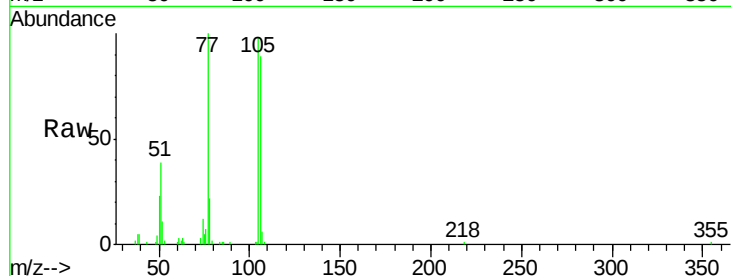
Tot Ion: 77 Resp: 57091

Ion Ratio Lower Upper

77 100

105 97.8 69.6 109.6

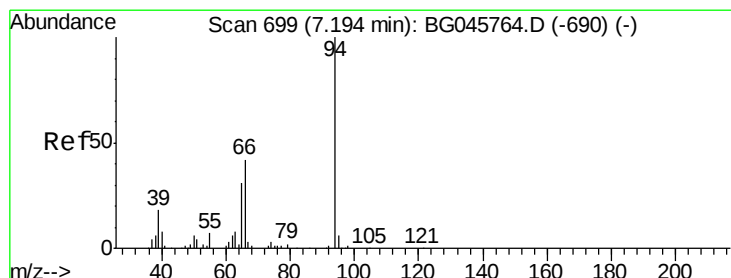
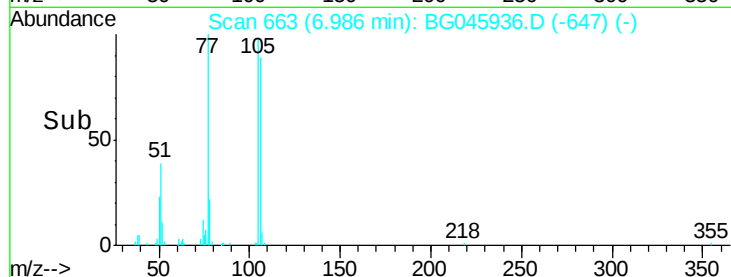
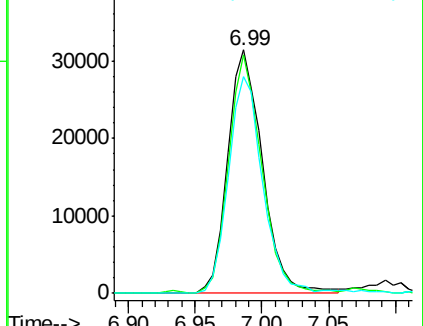
106 89.2 69.9 109.9



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: 41.224 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

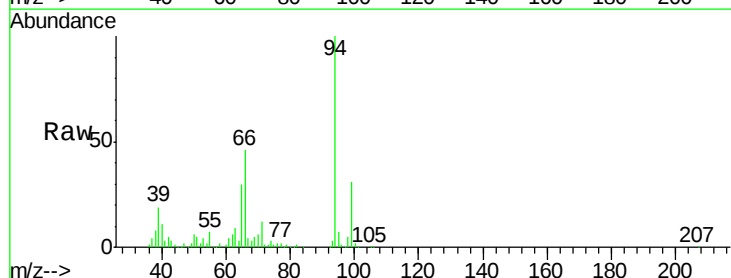
Tgt Ion: 94 Resp: 170997

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

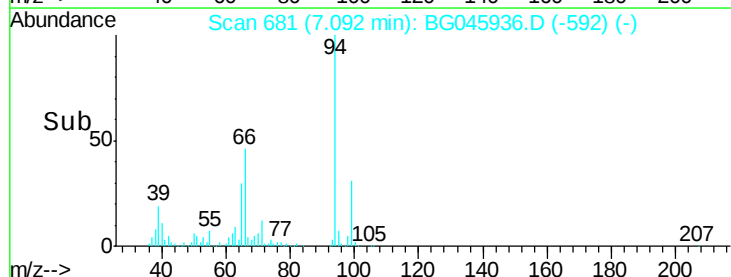
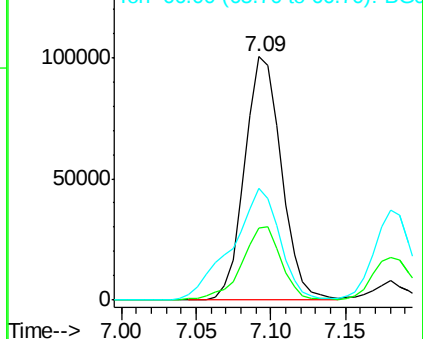
66 45.9 24.6 64.6

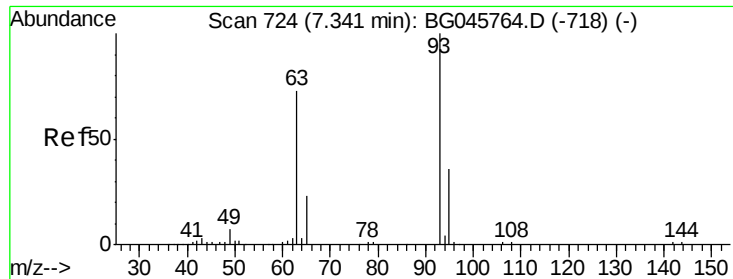


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

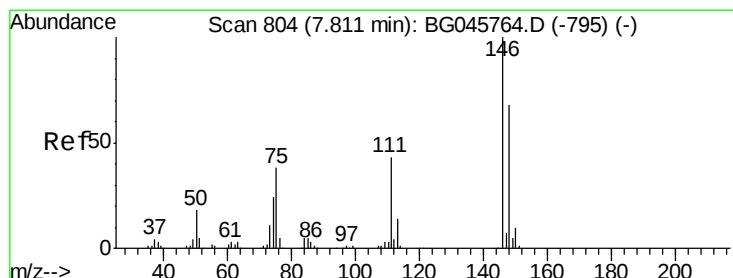
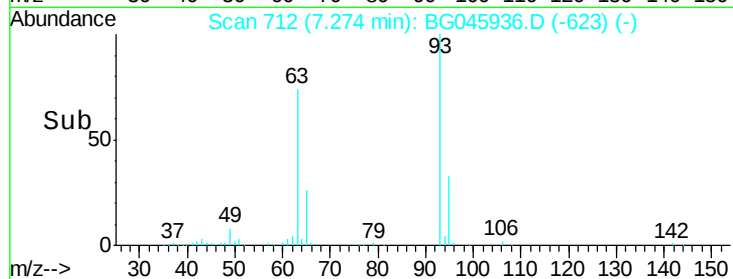
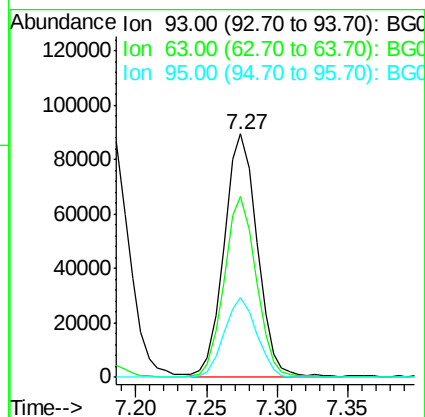
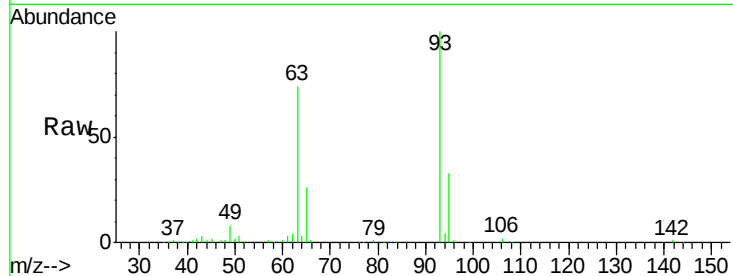




#11
bis(2-Chloroethyl)ether
Concen: 46.060 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

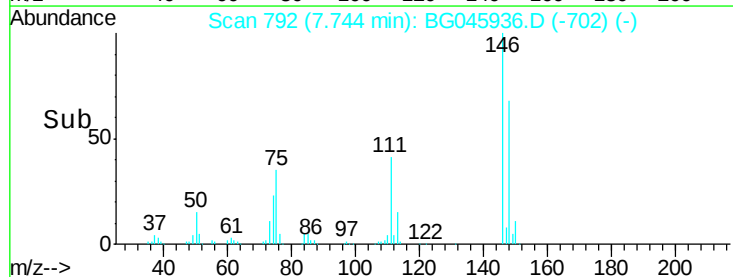
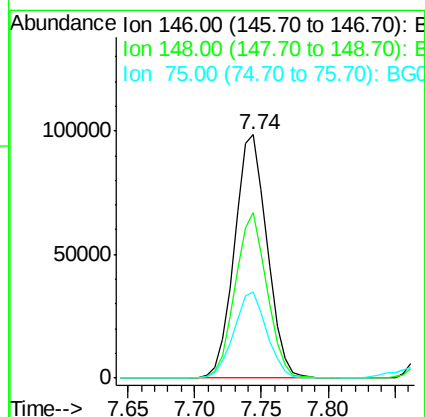
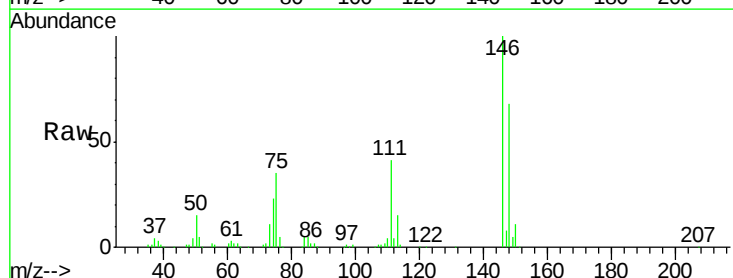
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

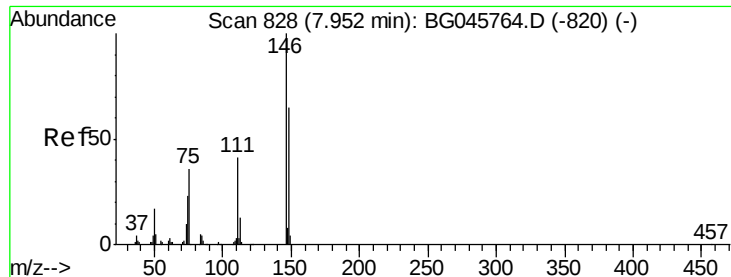
Tot Ion: 93 Resp: 145117
Ion Ratio Lower Upper
93 100
63 74.2 52.8 92.8
95 32.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 46.427 ng
RT: 7.74 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion: 146 Resp: 166675
Ion Ratio Lower Upper
146 100
148 67.8 55.1 82.7
75 35.4 31.4 47.0

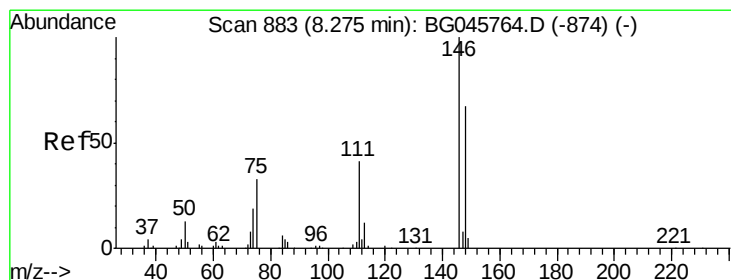
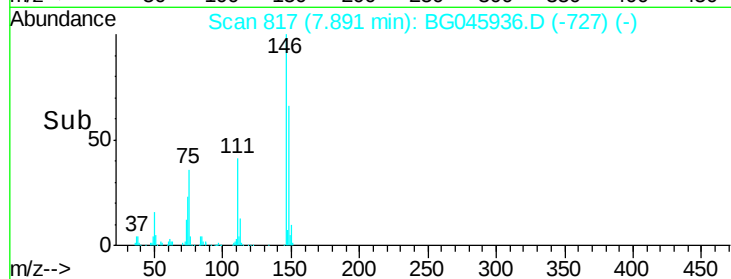
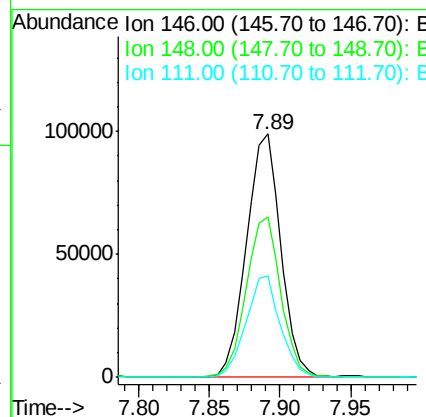
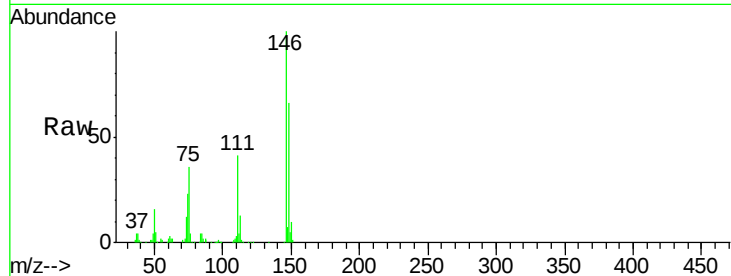




#13
 1,4-Dichlorobenzene
 Concen: 47.150 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

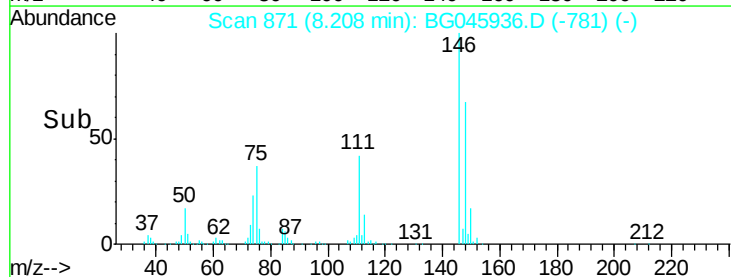
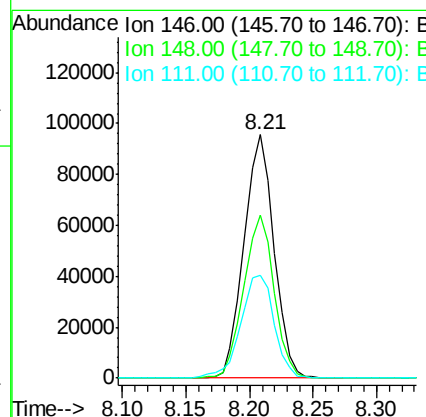
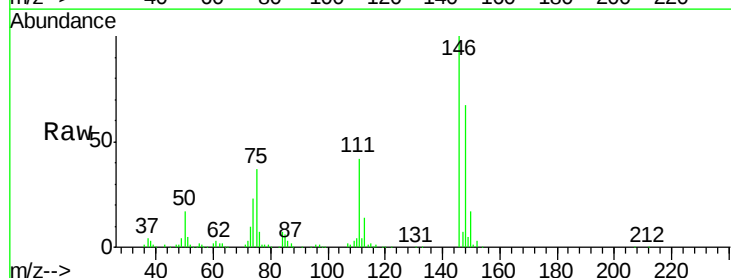
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

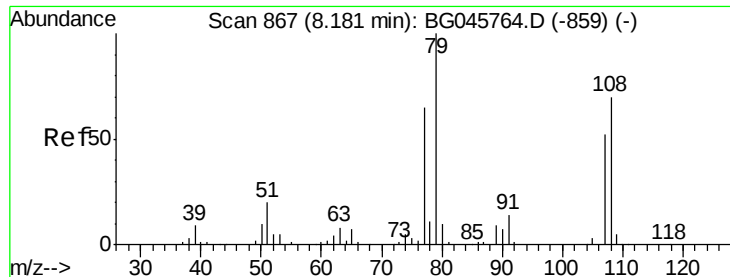
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	54.2	81.4
111	41.5	35.1	52.7



#14
 1,2-Dichlorobenzene
 Concen: 45.772 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	53.3	79.9
111	42.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 47.950 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

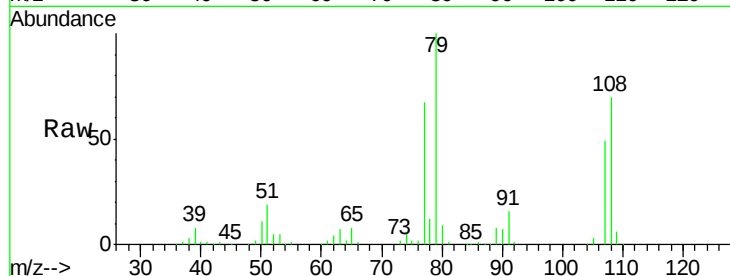
Tot Ion: 79 Resp: 158851

Ion Ratio Lower Upper

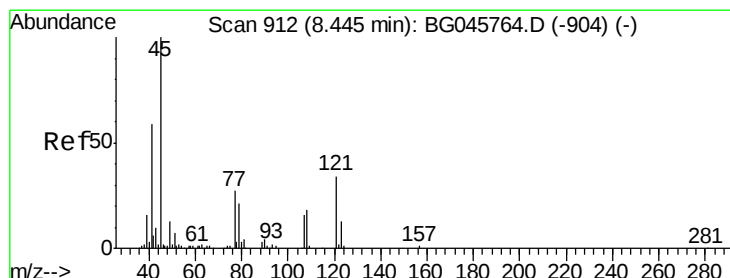
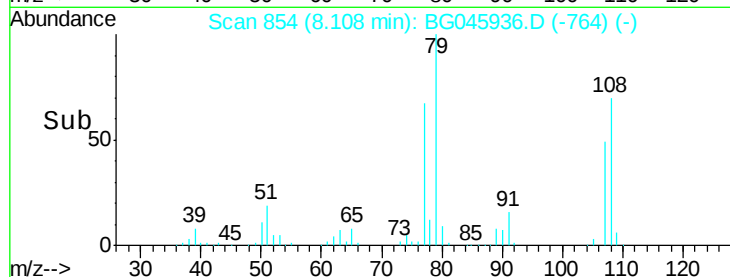
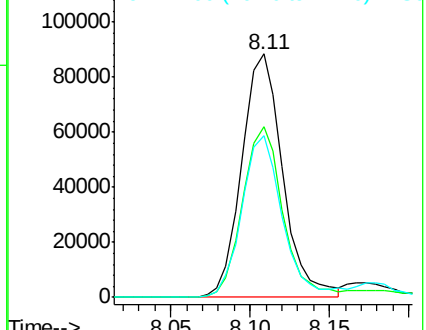
79 100

108 70.2 50.7 76.1

77 66.6 50.4 75.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.535 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

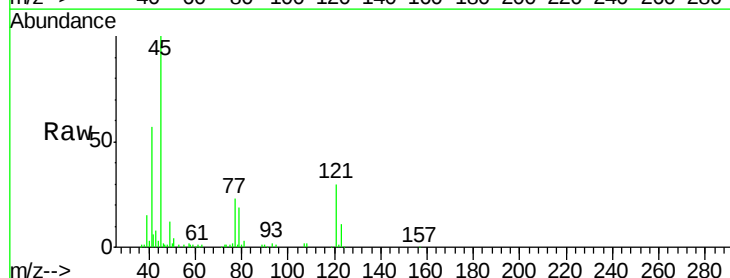
Tgt Ion: 45 Resp: 141149

Ion Ratio Lower Upper

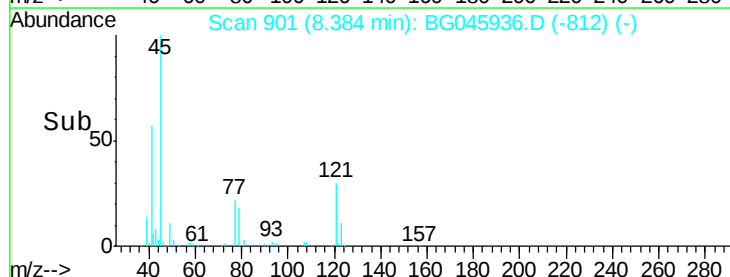
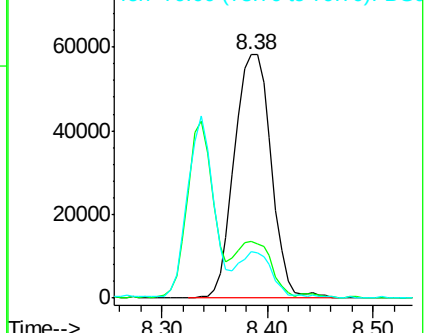
45 100

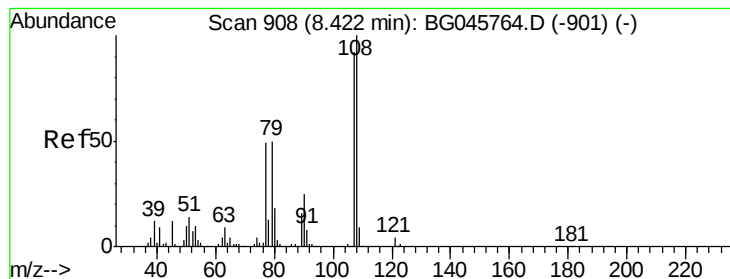
77 23.1 4.1 44.1

79 19.1 0.0 38.0



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





#17

2-Methylphenol

Concen: 44.002 ng

RT: 8.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

Tot Ion:107 Resp: 135832

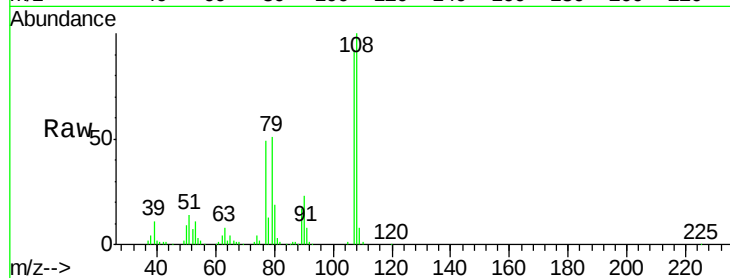
Ion Ratio Lower Upper

107 100

108 109.3 87.1 130.7

77 53.8 43.7 65.5

79 55.5 42.5 63.7

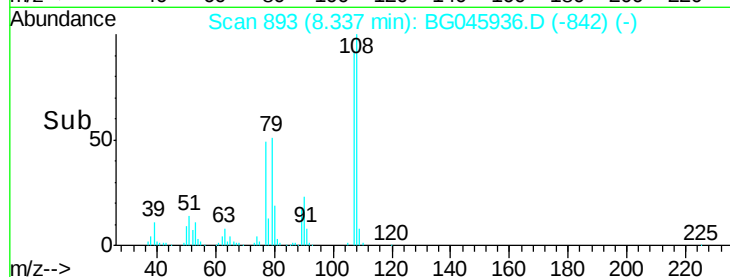


Abundance Ion 107.00 (106.70 to 107.70): E

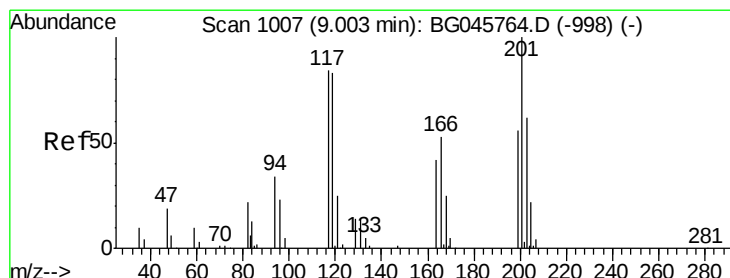
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 48.029 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

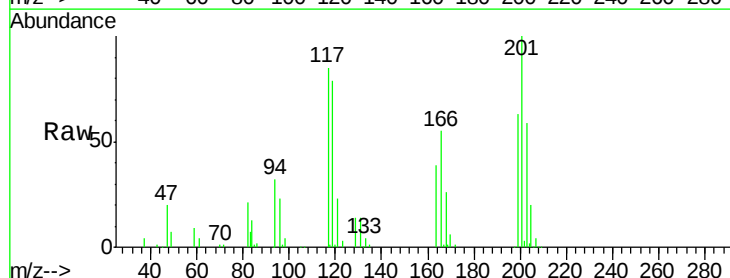
Tgt Ion:117 Resp: 65412

Ion Ratio Lower Upper

117 100

119 93.0 74.6 111.8

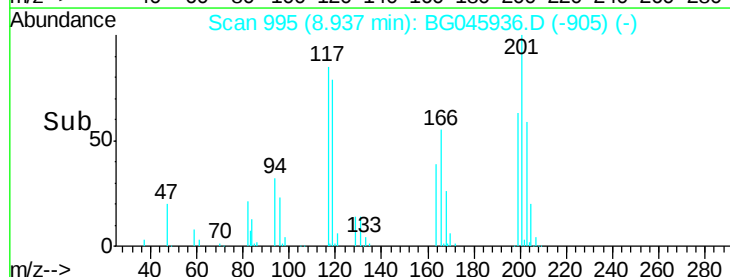
201 117.7 94.6 141.8



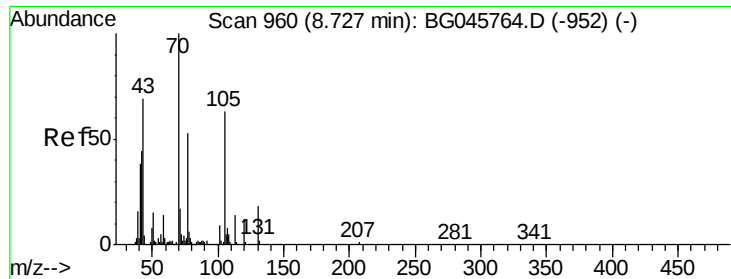
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



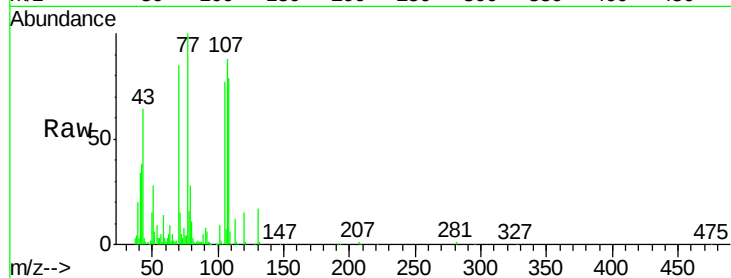
Time-->



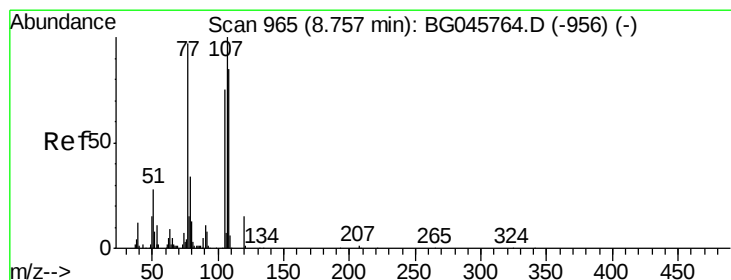
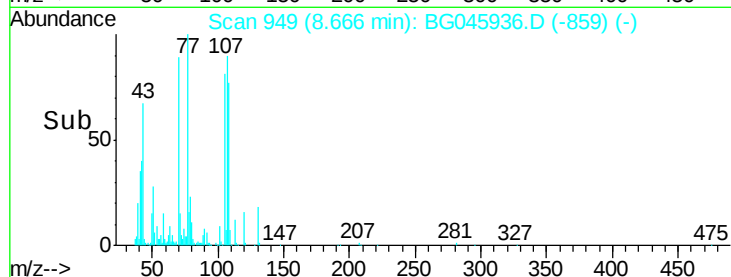
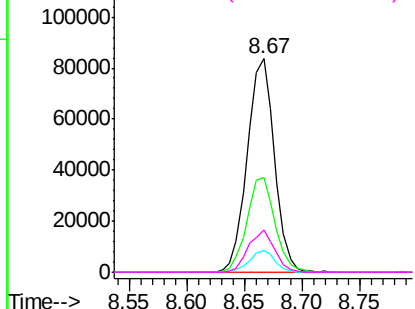
#19
n-Nitroso-di-n-propylamine
Concen: 48.697 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion: 70 Resp: 137055
Ion Ratio Lower Upper
70 100
42 44.6 35.6 53.4
101 10.4 6.6 10.0#
130 20.0 14.8 22.2



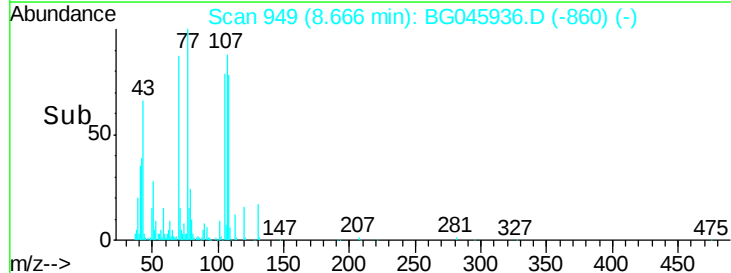
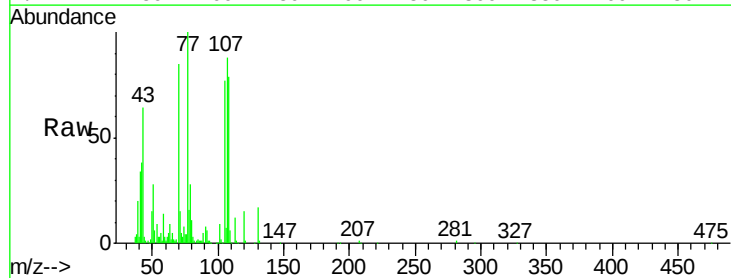
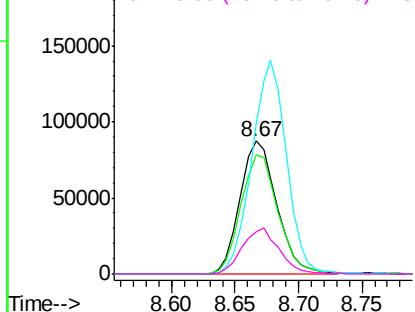
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

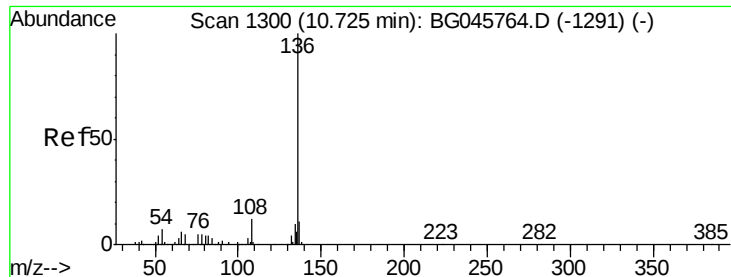


#20
3+4-Methylphenols
Concen: 43.507 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion: 107 Resp: 176630
Ion Ratio Lower Upper
107 100
108 89.2 69.4 109.4
77 113.2 101.0 141.0
79 32.2 14.4 54.4

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: 10.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

Tot Ion:136 Resp: 180443

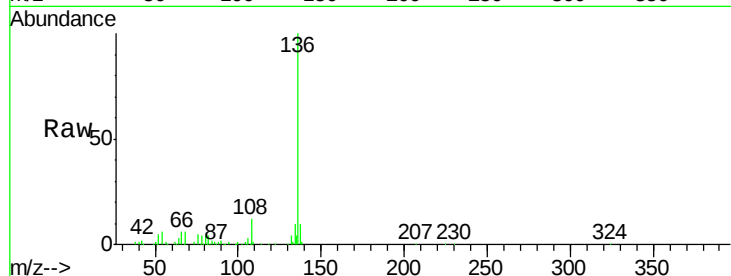
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 5.7 4.6 7.0

68 6.0 5.0 7.4

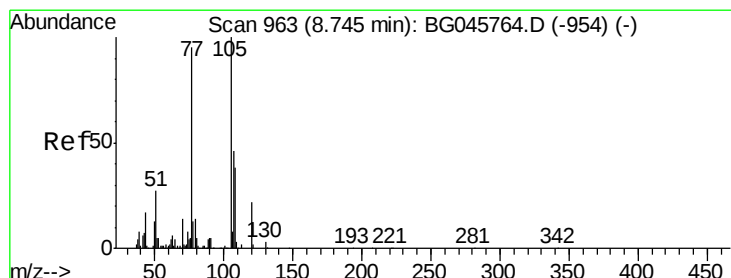
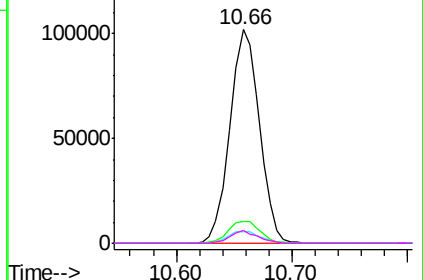
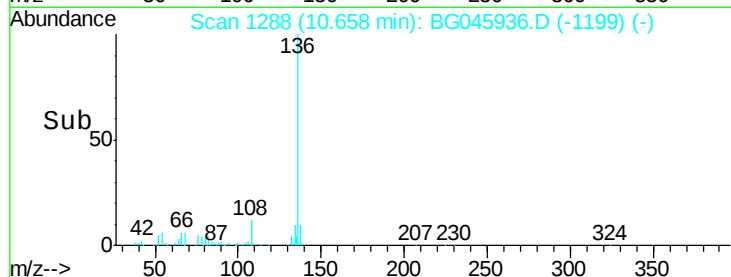


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.035 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:105 Resp: 242851

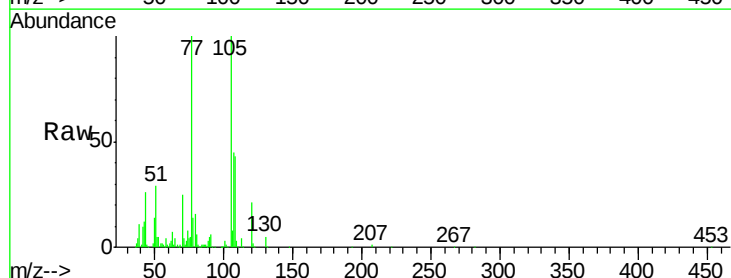
Ion Ratio Lower Upper

105 100

71 4.3 2.2 3.4#

51 29.0 24.4 36.6

120 21.3 16.0 24.0

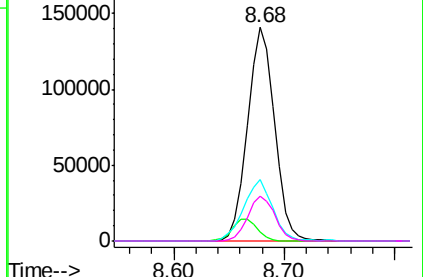
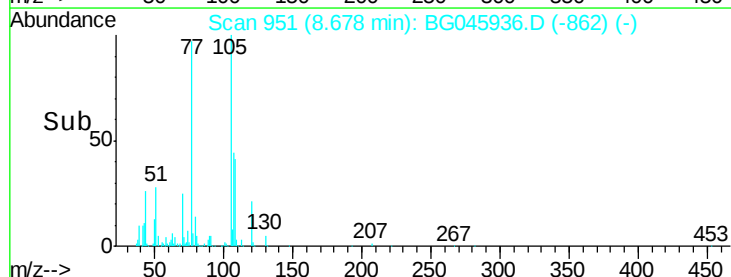


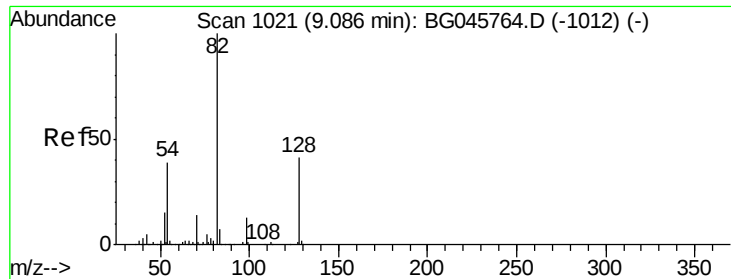
Abundance Ion 105.00 (104.70 to 105.70): E

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

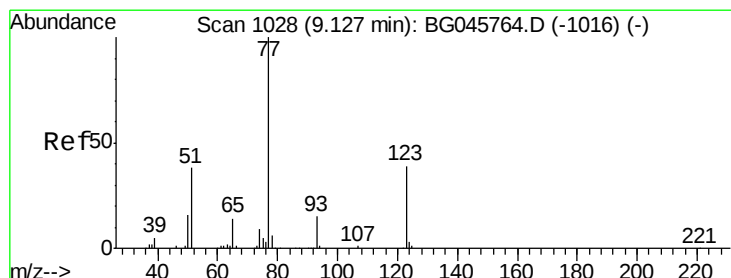
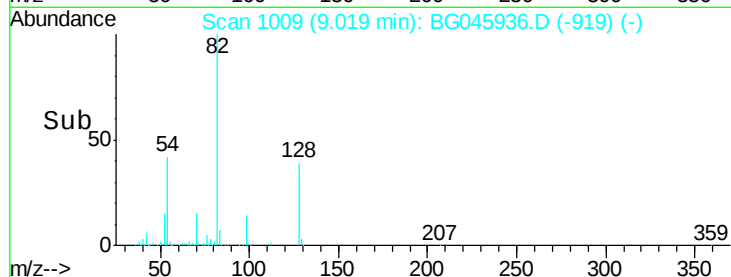
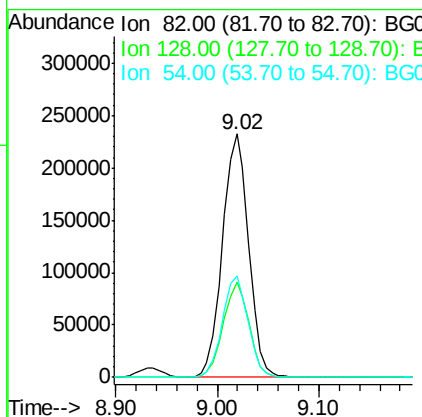
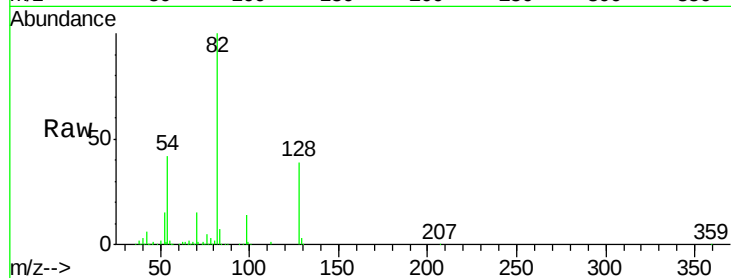




#23
Nitrobenzene-d5
Concen: 104.993 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

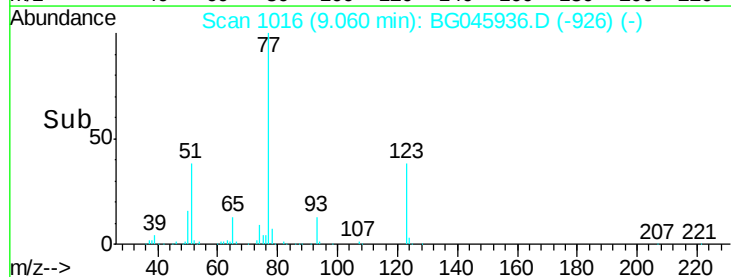
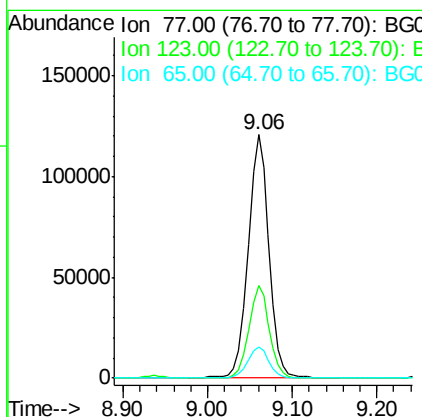
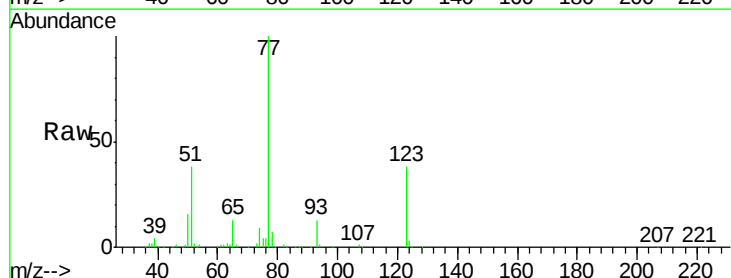
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

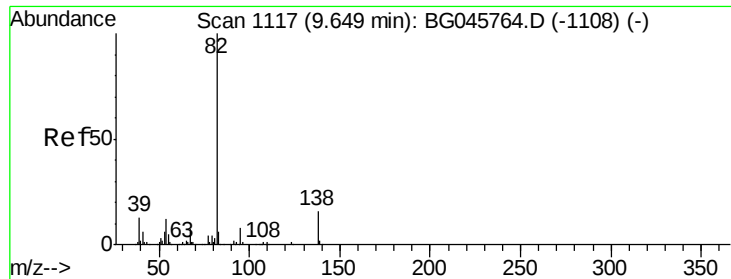
Tot Ion: 82 Resp: 414709
Ion Ratio Lower Upper
82 100
128 39.3 29.9 44.9
54 41.6 33.3 49.9



#24
Nitrobenzene
Concen: 49.092 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion: 77 Resp: 206752
Ion Ratio Lower Upper
77 100
123 38.0 30.3 45.5
65 12.6 11.0 16.6

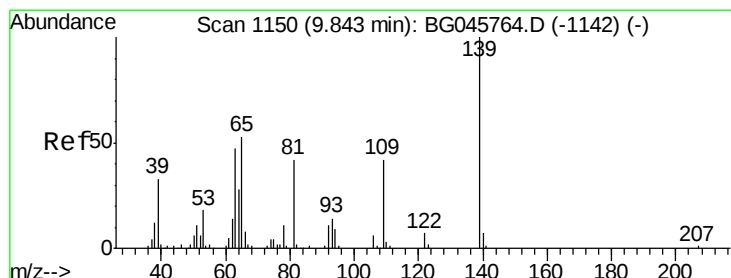
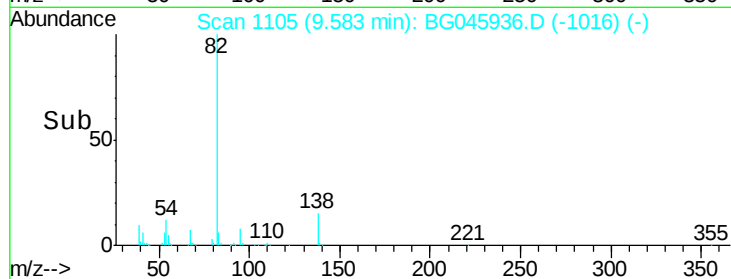
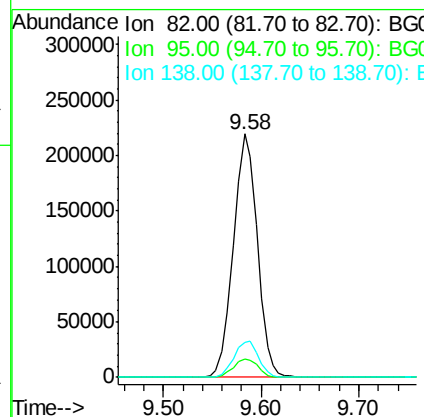
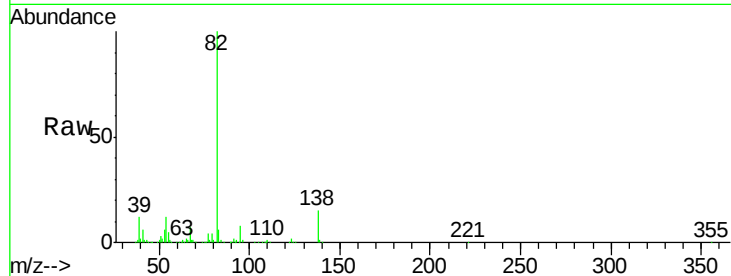




#25
Isophorone
Concen: 48.890 ng
RT: 9.58 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

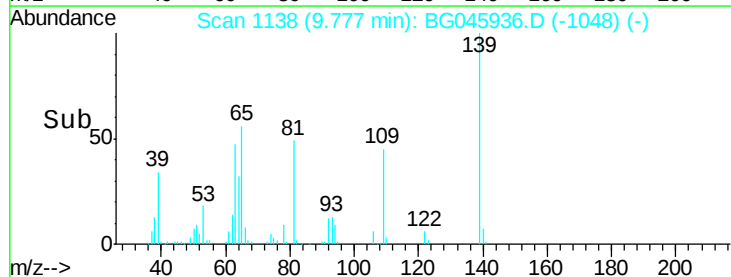
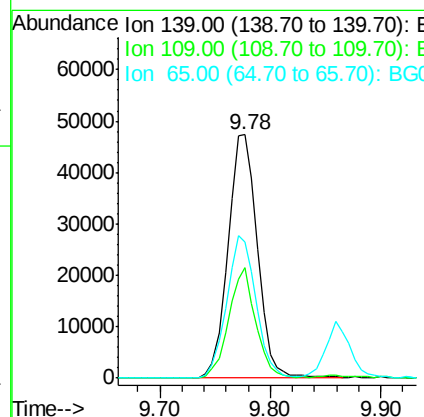
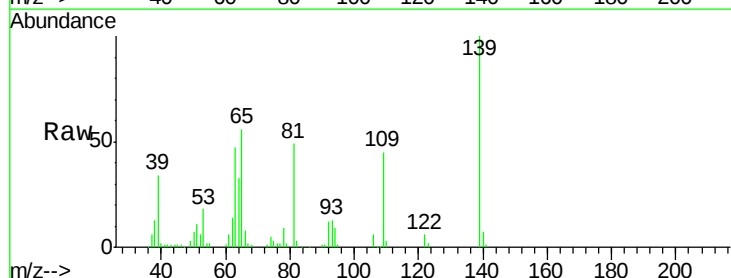
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

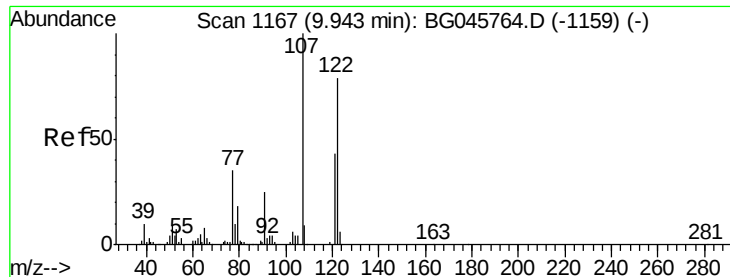
Tot Ion: 82 Resp: 373844
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 14.5 12.4 18.6



#26
2-Nitrophenol
Concen: 50.244 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion: 139 Resp: 88156
Ion Ratio Lower Upper
139 100
109 45.2 34.2 51.4
65 56.2 47.6 71.4

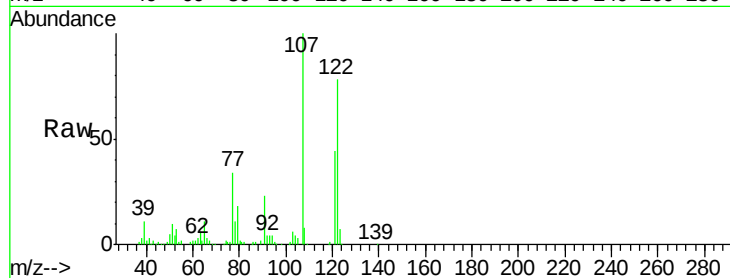




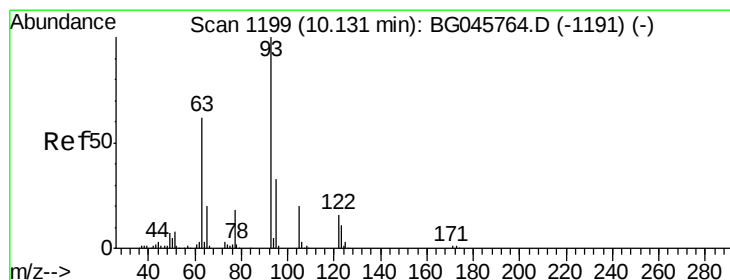
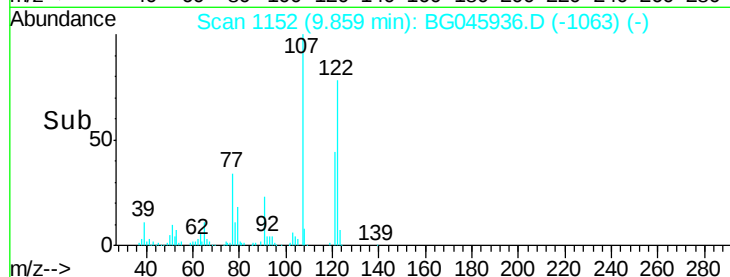
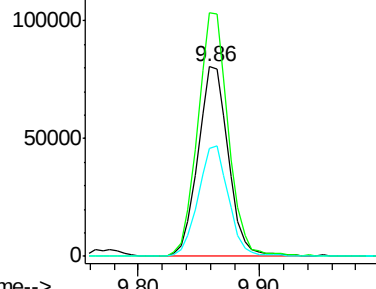
#27
 2,4-Dimethylphenol
 Concen: 52.669 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion:122 Resp: 141088
 Ion Ratio Lower Upper
 122 100
 107 128.6 106.1 159.1
 121 56.9 49.0 73.6

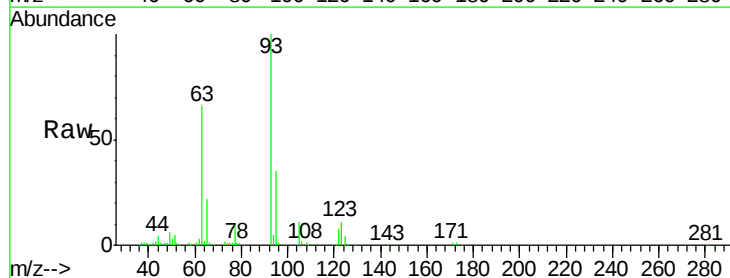


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

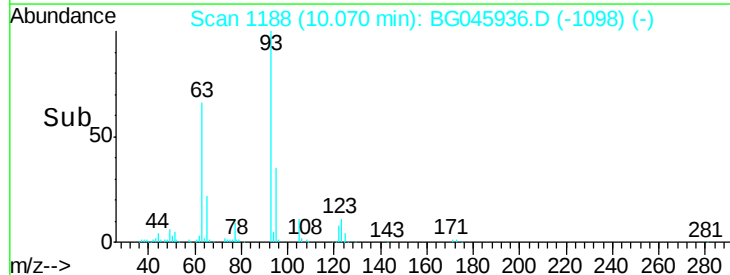
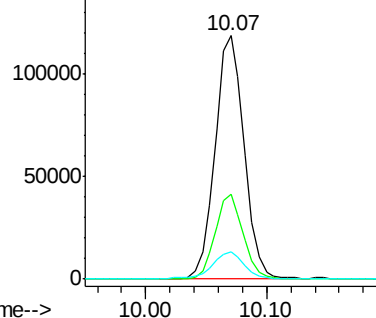


#28
 bis(2-Chloroethoxy)methane
 Concen: 49.667 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion: 93 Resp: 198379
 Ion Ratio Lower Upper
 93 100
 95 34.7 28.2 42.2
 123 11.3 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

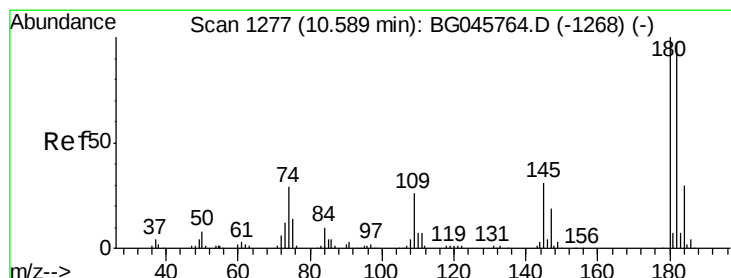
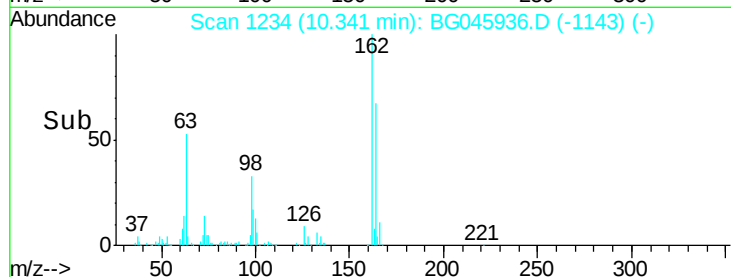
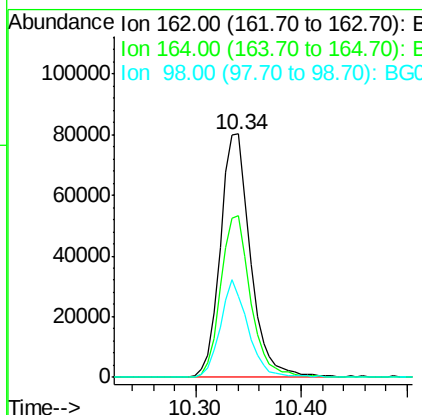
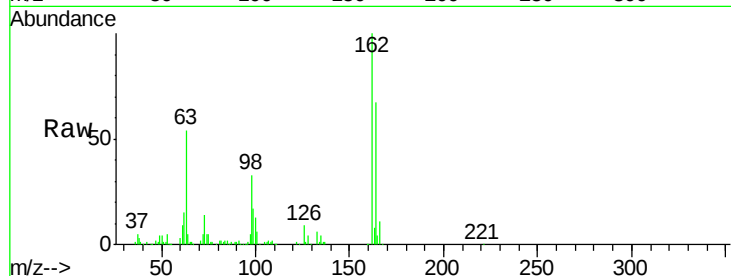




#29
2,4-Dichlorophenol
Concen: 50.956 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

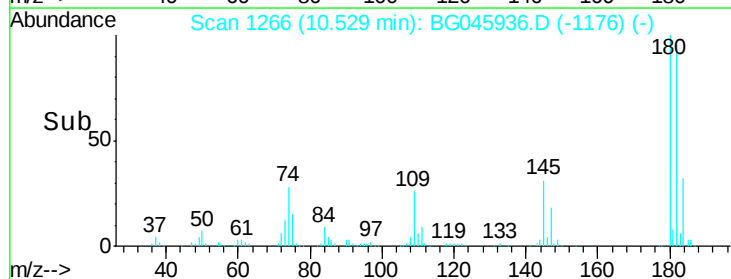
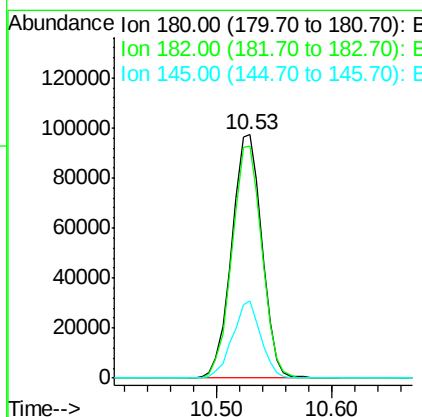
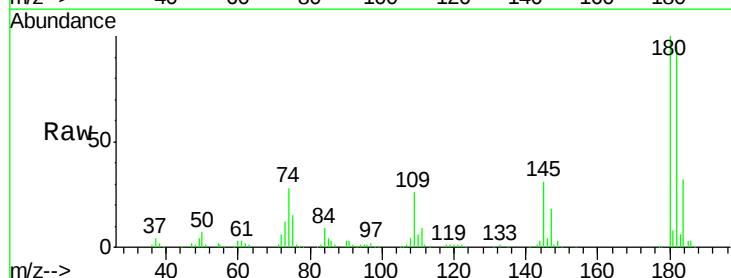
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

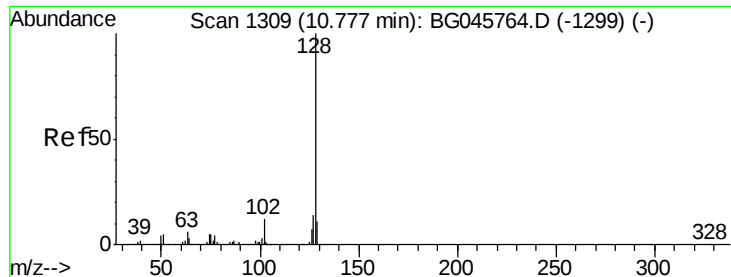
Tot Ion:162 Resp: 159257
Ion Ratio Lower Upper
162 100
164 66.6 41.9 81.9
98 33.2 17.1 57.1



#30
1,2,4-Trichlorobenzene
Concen: 47.551 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:180 Resp: 175935
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.6
145 31.5 22.7 34.1

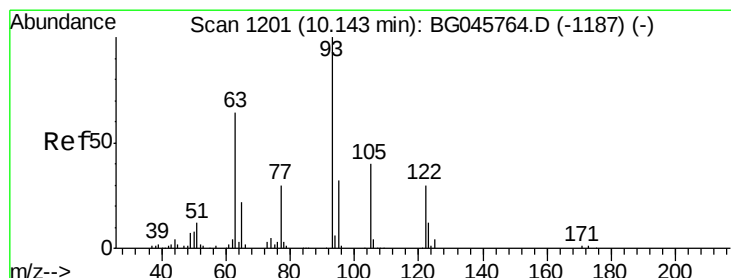
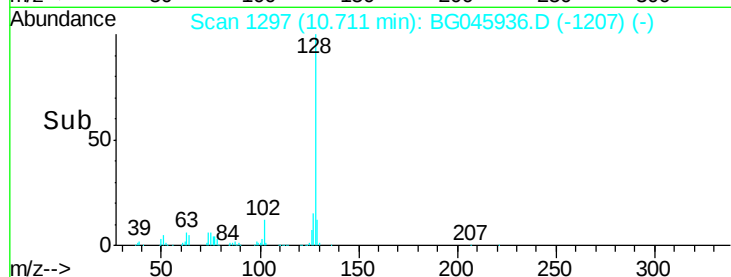
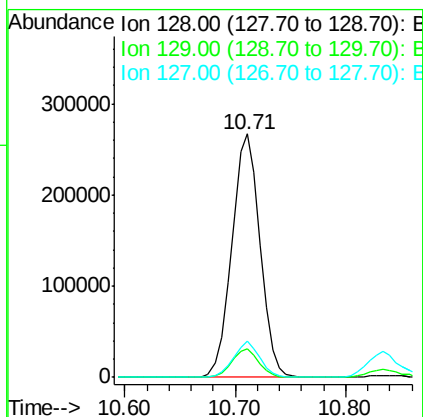
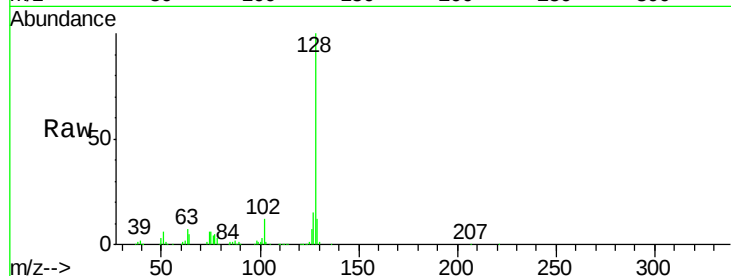




#31
Naphthalene
Concen: 48.406 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

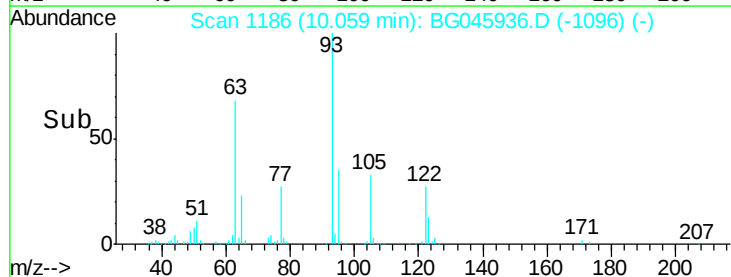
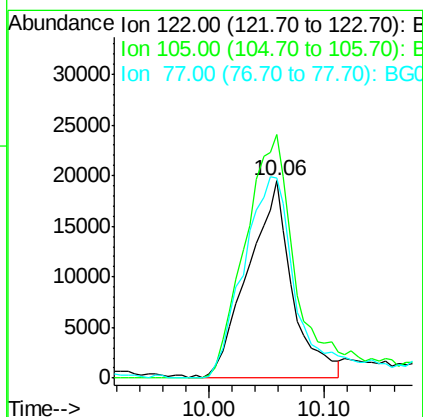
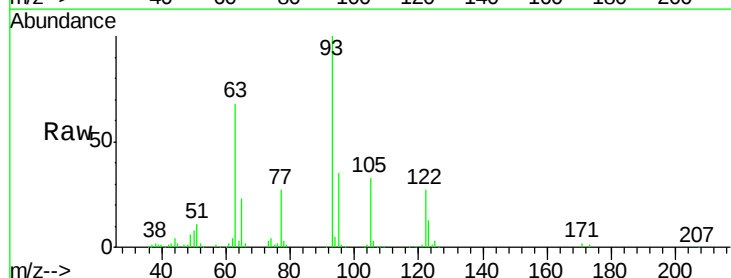
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

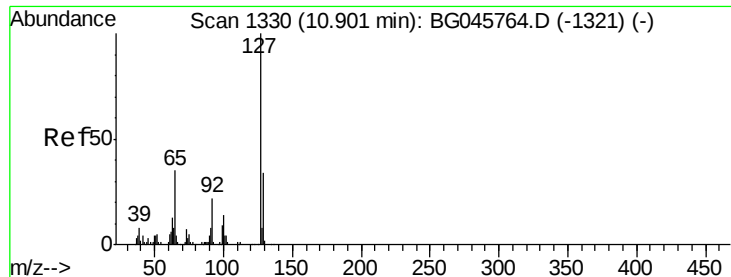
Tot Ion:128 Resp: 477528
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.8 10.8 16.2



#32
Benzoic acid
Concen: 33.307 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:122 Resp: 51992
Ion Ratio Lower Upper
122 100
105 123.3 123.1 163.1
77 101.1 93.9 133.9

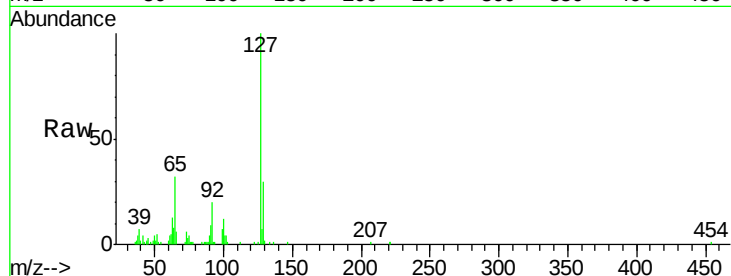




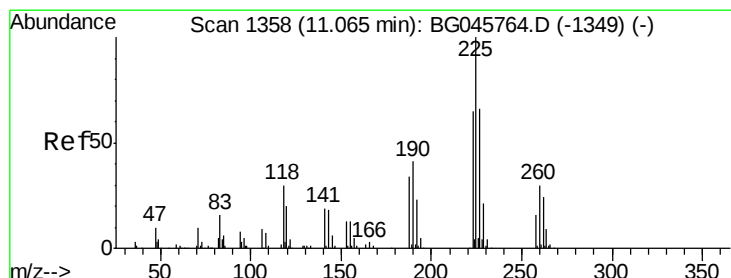
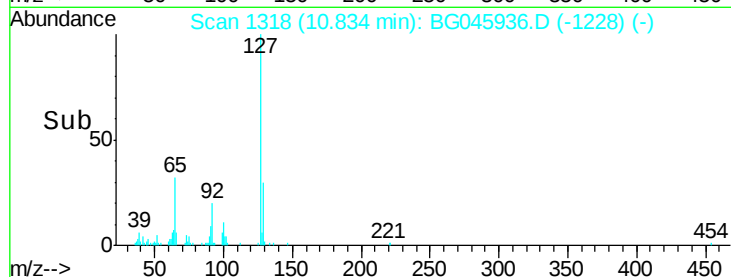
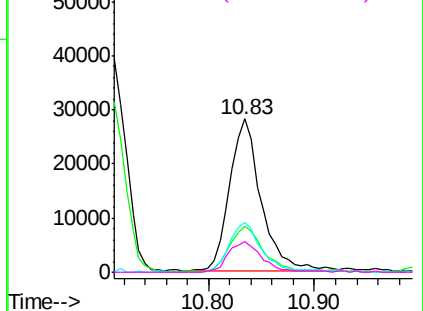
#33
4-Chloroaniline
Concen: 14.061 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion:127	Resp:	58089
Ion Ratio	Lower	Upper
127	100	
129	30.1	26.2 39.2
65	32.2	26.9 40.3
92	20.4	17.8 26.6

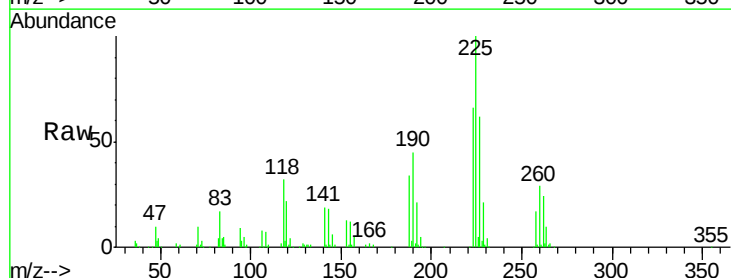


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

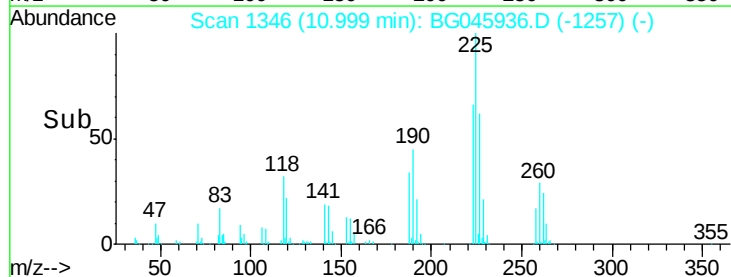
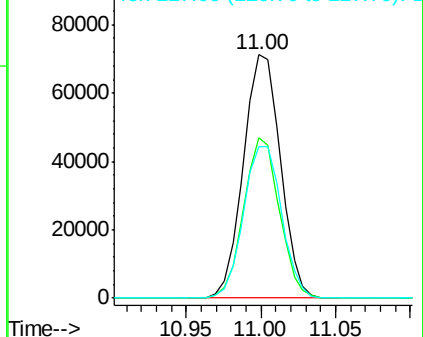


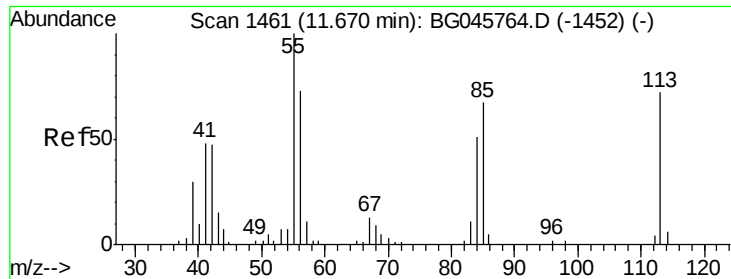
#34
Hexachlorobutadiene
Concen: 46.568 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:225	Resp:	122536
Ion Ratio	Lower	Upper
225	100	
223	65.9	52.0 78.0
227	62.3	51.6 77.4



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

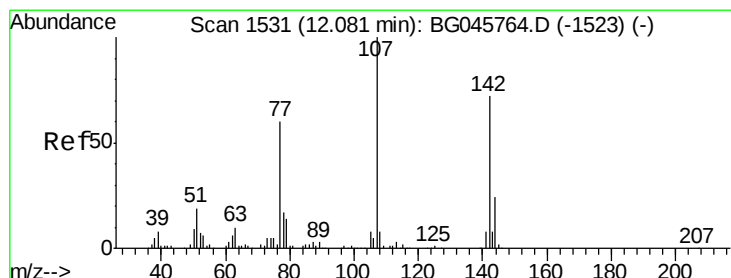
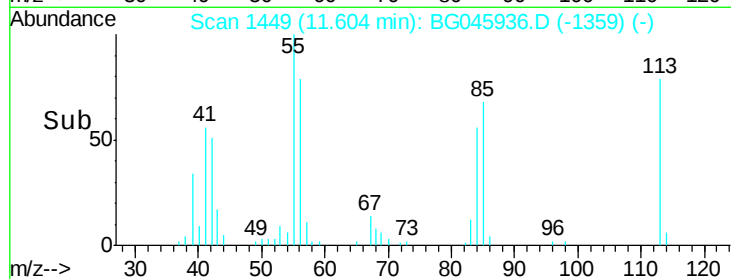
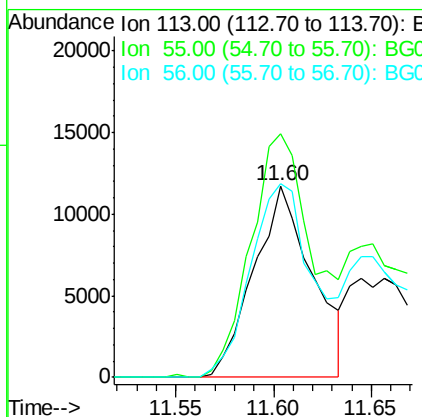
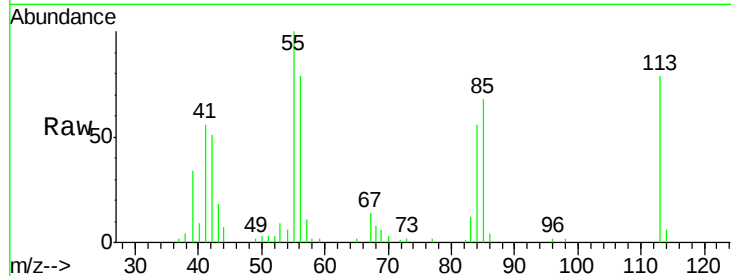




#35
 Caprolactam
 Concen: 24.091 ng
 RT: 11.60 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

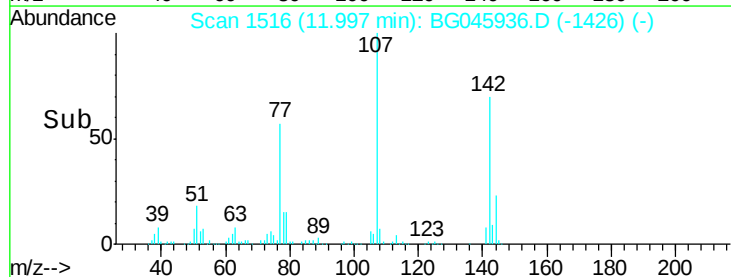
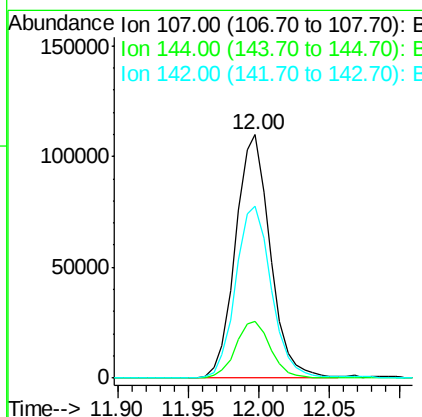
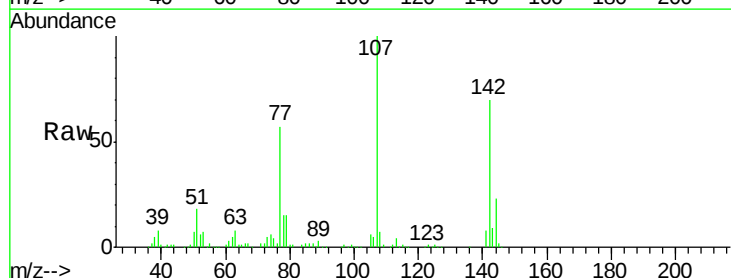
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

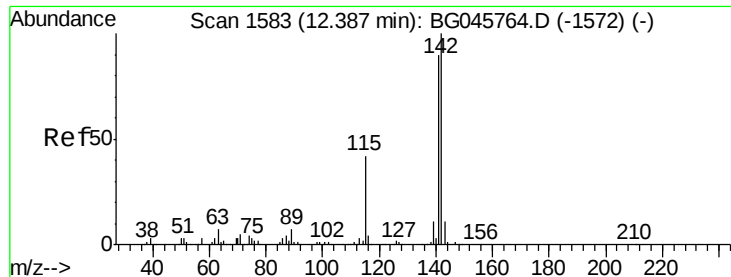
Tot Ion:113 Resp: 24365
 Ion Ratio Lower Upper
 113 100
 55 127.2 110.6 150.6
 56 101.0 81.1 121.1



#36
 4-Chloro-3-methylphenol
 Concen: 52.519 ng
 RT: 12.00 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion:107 Resp: 189517
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.7 28.1
 142 70.4 55.6 83.4

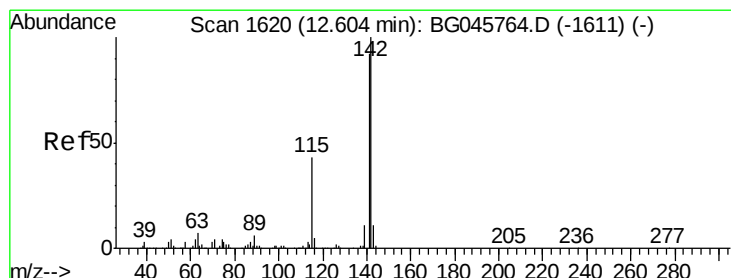
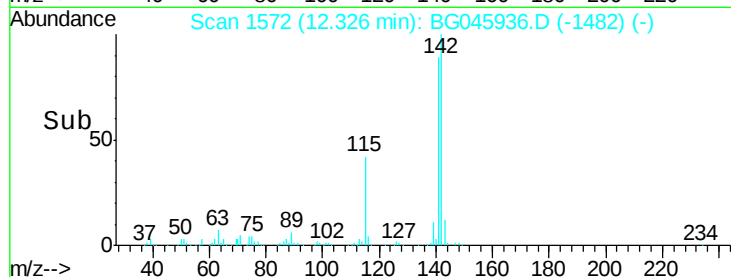
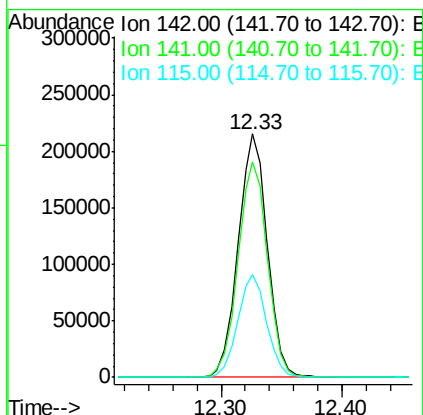
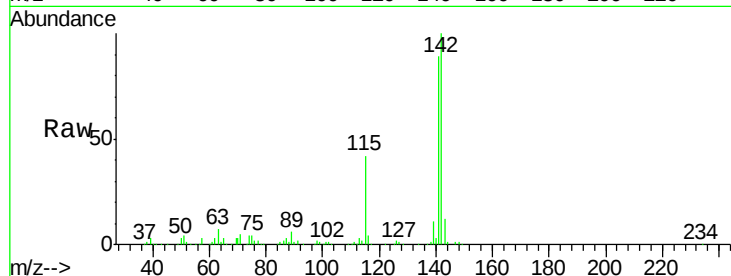




#37
2-Methylnaphthalene
Concen: 49.191 ng
RT: 12.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

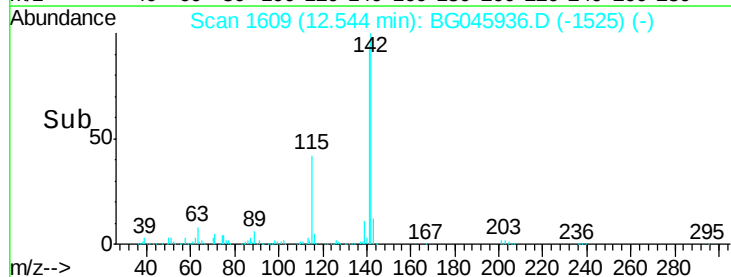
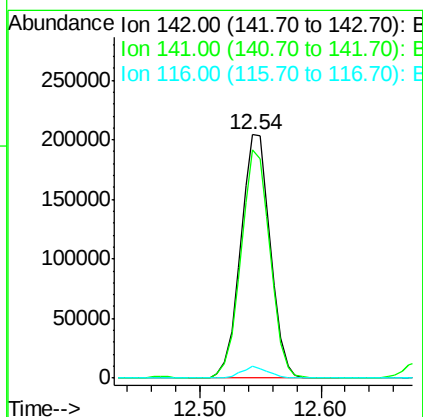
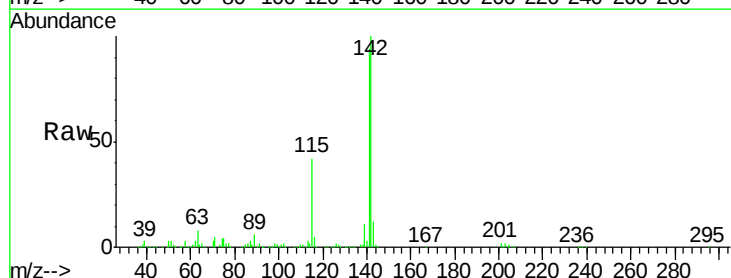
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

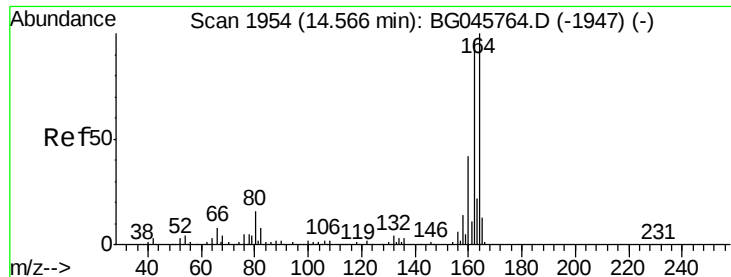
Tot Ion:142 Resp: 361353
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9
115 42.0 31.7 47.5



#38
1-Methylnaphthalene
Concen: 50.104 ng
RT: 12.54 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:142 Resp: 348302
Ion Ratio Lower Upper
142 100
141 93.5 74.5 111.7
116 4.9 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

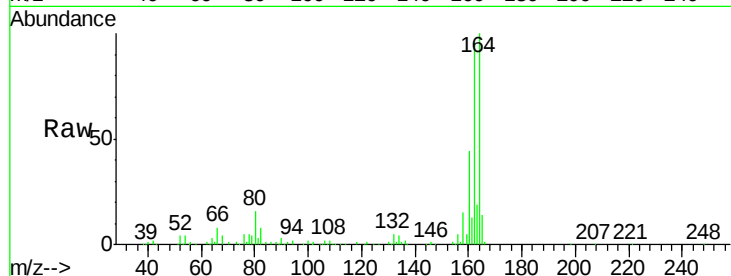
Tot Ion:164 Resp: 131342

Ion Ratio Lower Upper

164 100

162 95.6 78.8 118.2

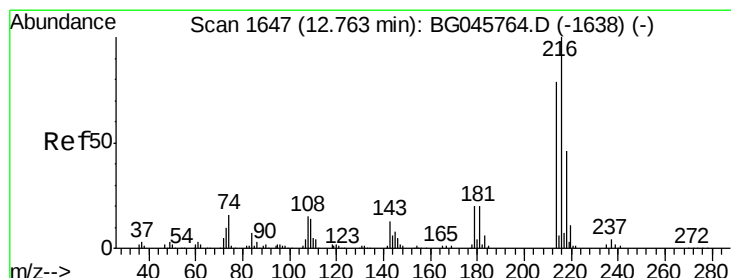
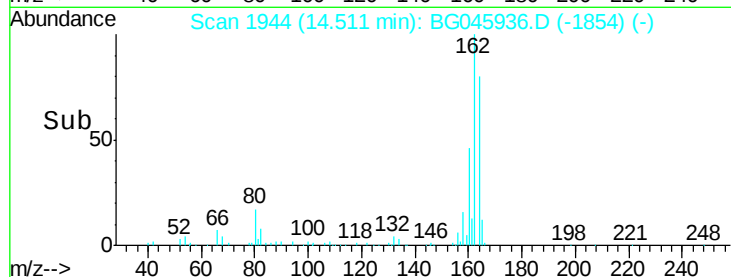
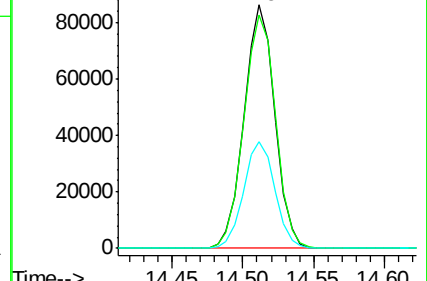
160 43.9 33.8 50.6



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: 47.175 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:216 Resp: 204021

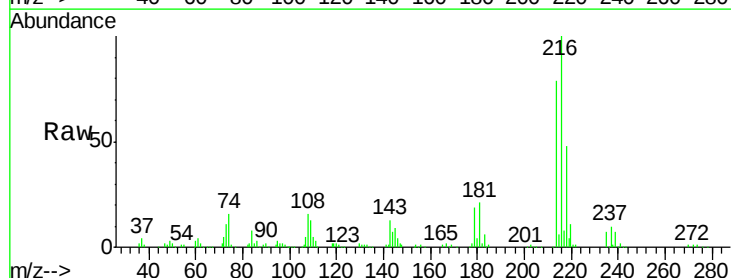
Ion Ratio Lower Upper

216 100

214 78.4 61.8 92.8

179 20.0 15.8 23.6

108 18.8 13.8 20.6

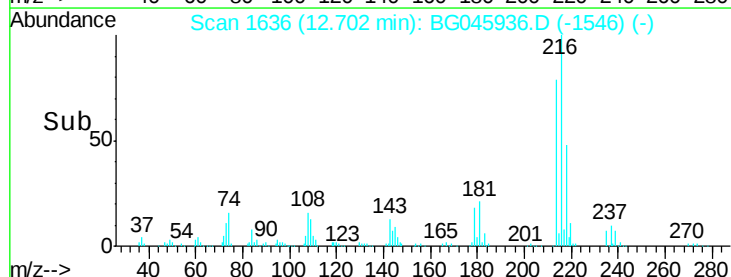
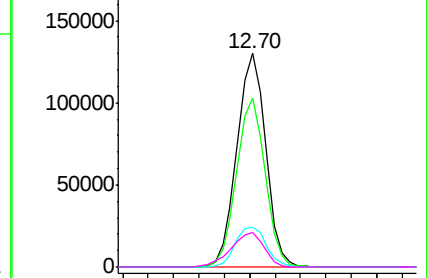


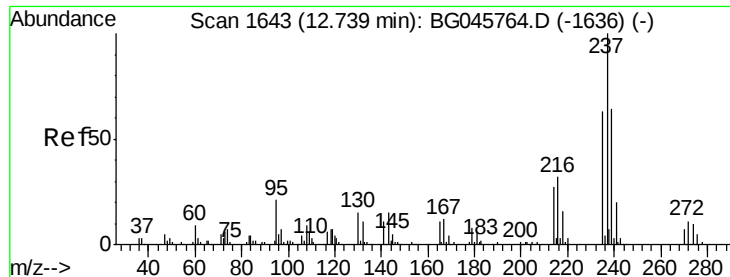
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.993 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

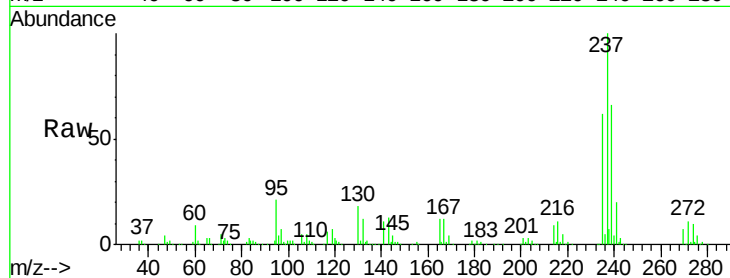
Tot Ion:237 Resp: 191092

Ion Ratio Lower Upper

237 100

235 61.9 43.3 83.3

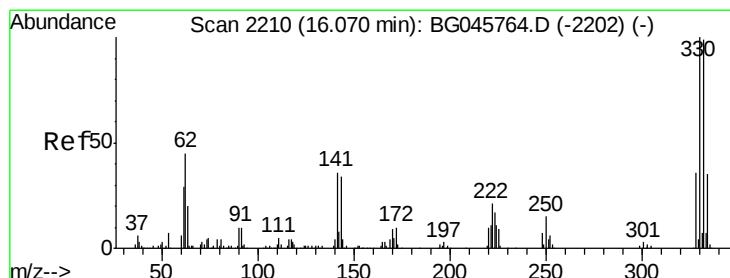
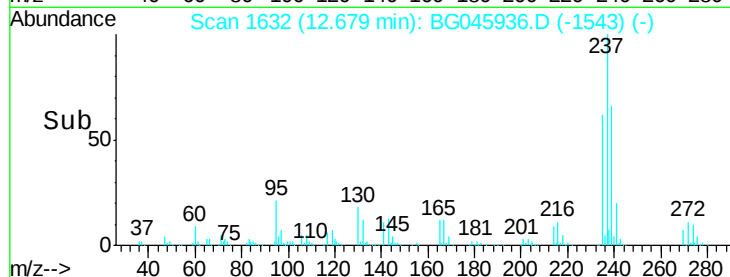
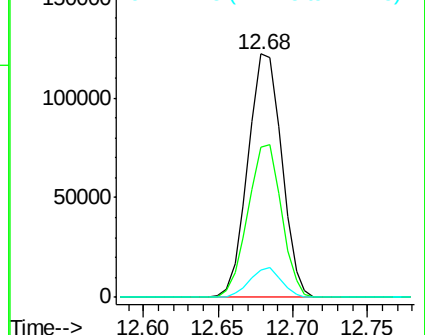
272 11.2 0.0 33.3



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: 162.003 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

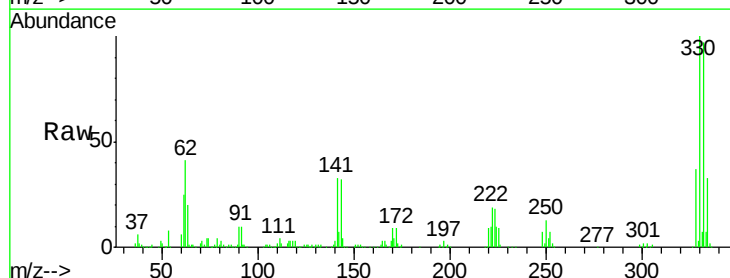
Tgt Ion:330 Resp: 321239

Ion Ratio Lower Upper

330 100

332 97.7 79.4 119.0

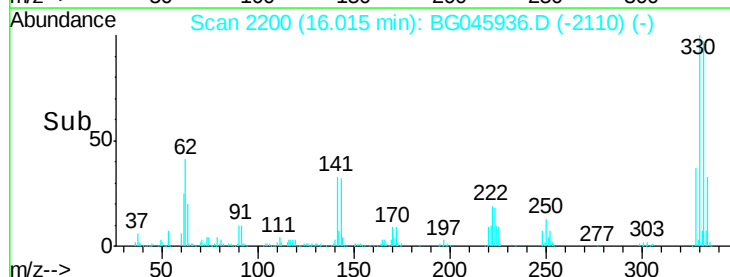
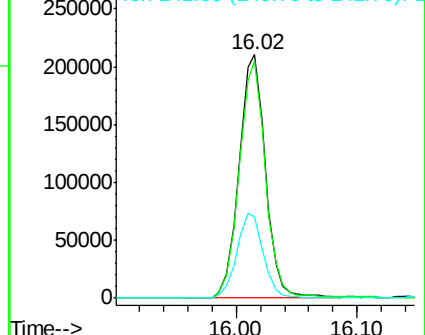
141 35.4 28.2 42.2

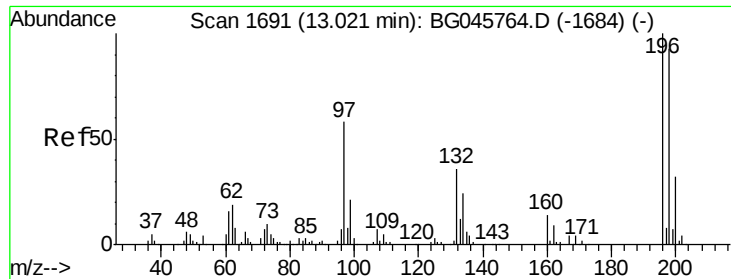


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

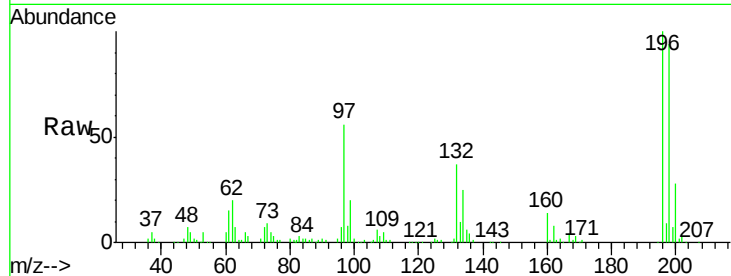




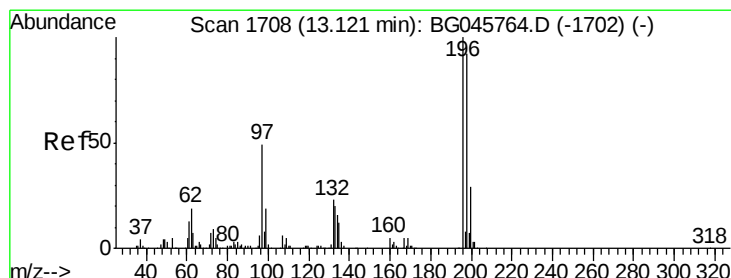
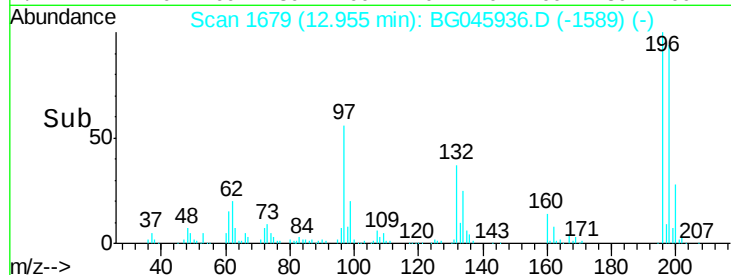
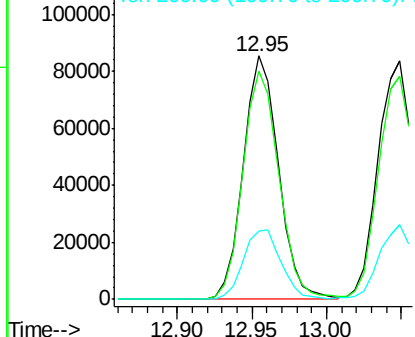
#43
 2,4,6-Trichlorophenol
 Concen: 47.725 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion:196 Resp: 139939
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.1 117.1
 200 28.1 25.8 38.6

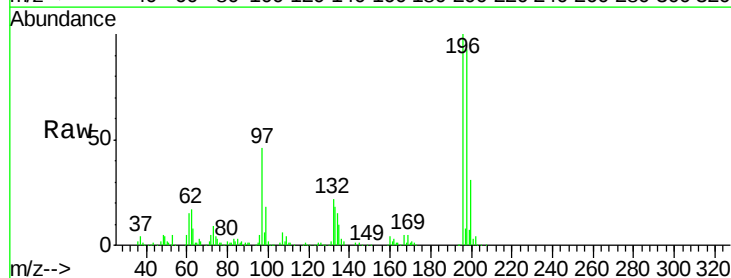


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

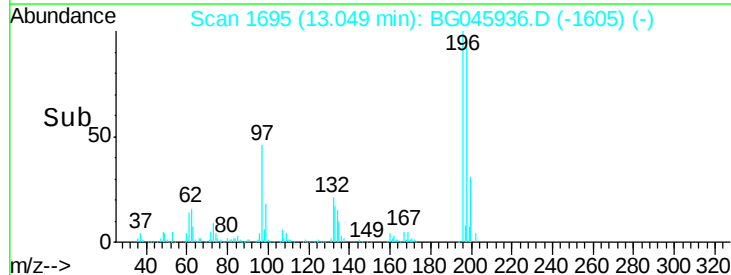
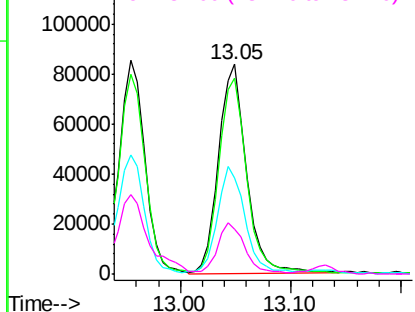


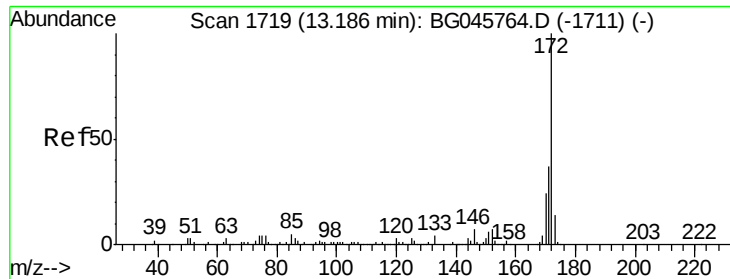
#44
 2,4,5-Trichlorophenol
 Concen: 43.963 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion:196 Resp: 146918
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.5 114.7
 97 46.0 39.9 59.9
 132 21.6 21.0 31.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

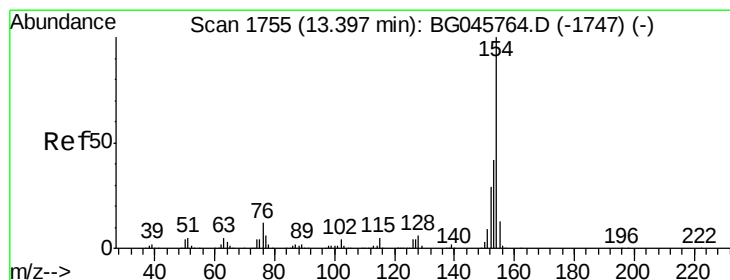
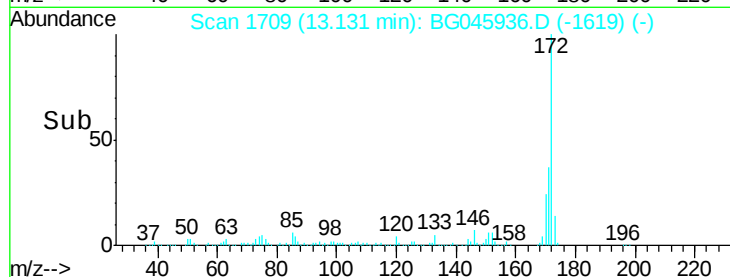
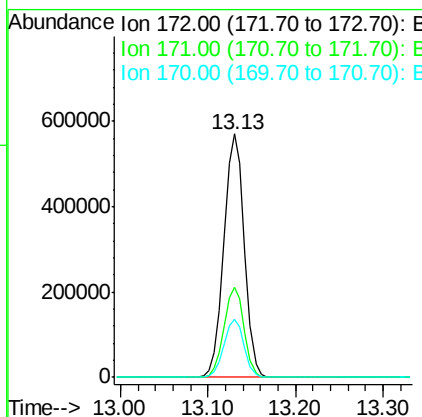
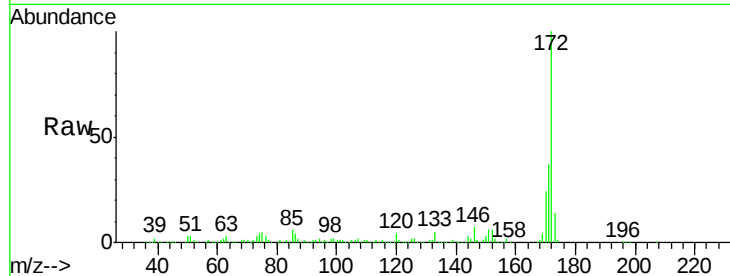




#45
 2-Fluorobiphenyl
 Concen: 102.479 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

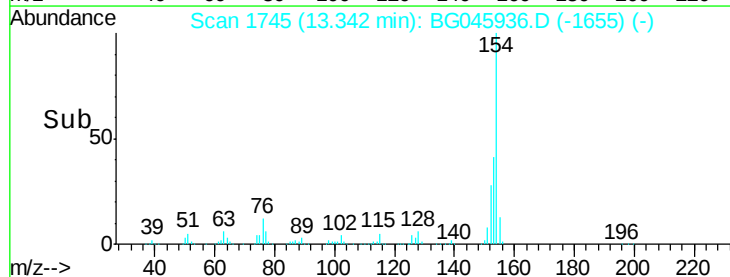
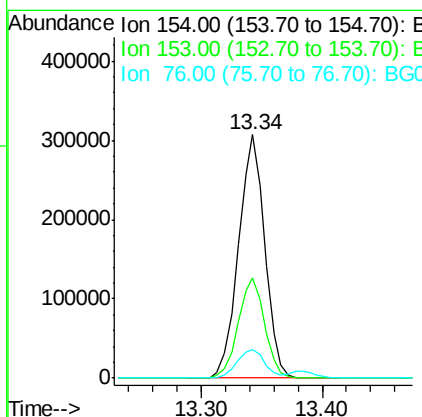
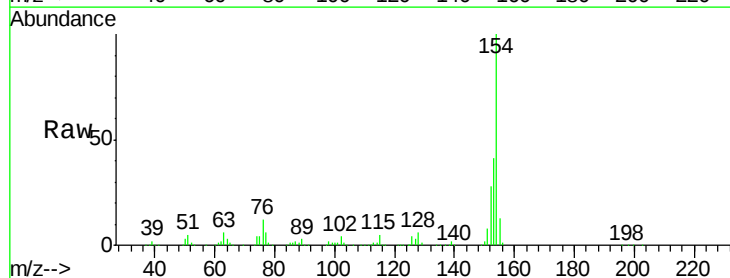
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

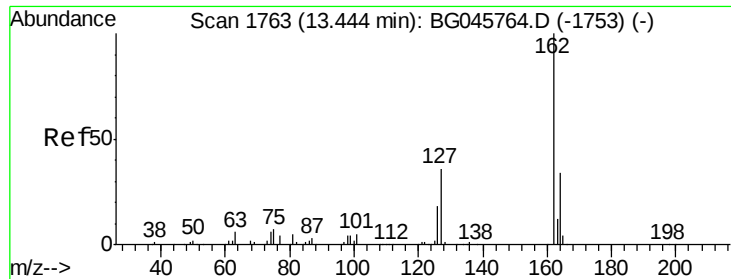
Tot Ion:172 Resp: 915907
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.5 42.7
 170 24.1 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 49.394 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion:154 Resp: 464464
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 11.6 0.0 32.9





#47

2-Chloronaphthalene

Concen: 47.914 ng

RT: 13.38 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

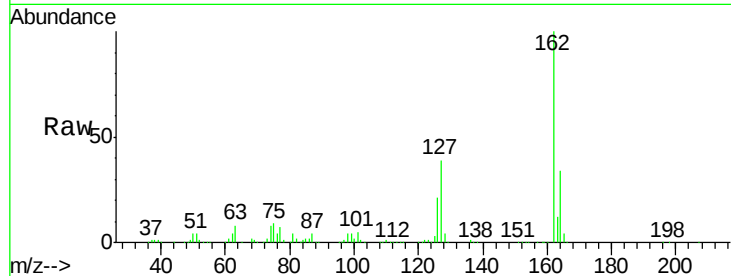
Tot Ion:162 Resp: 363948

Ion Ratio Lower Upper

162 100

127 39.2 31.4 47.0

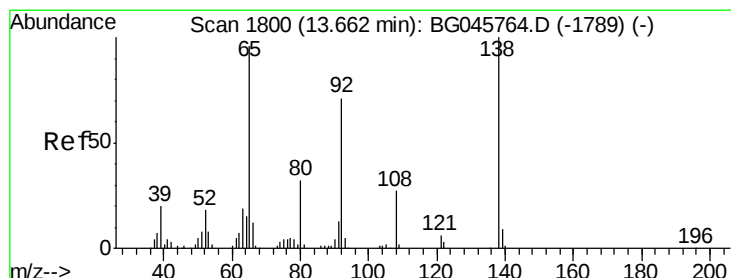
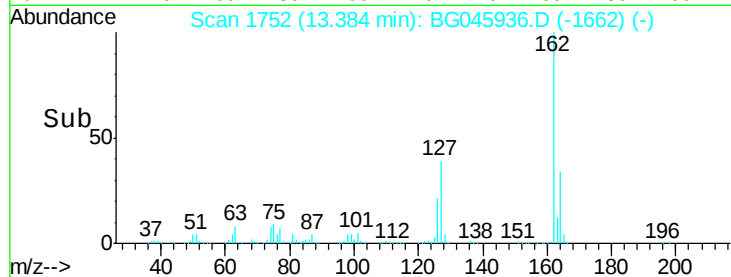
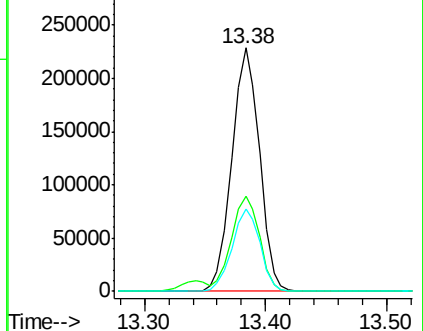
164 33.6 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 51.393 ng

RT: 13.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

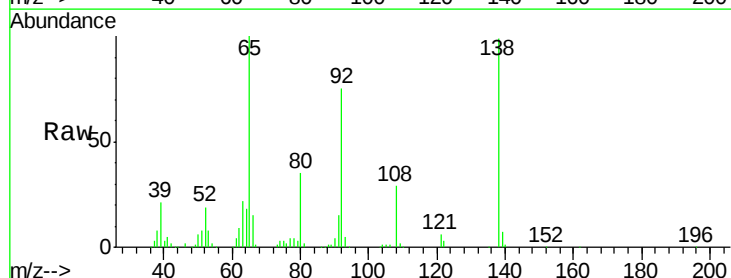
Tgt Ion: 65 Resp: 129853

Ion Ratio Lower Upper

65 100

92 75.2 54.1 81.1

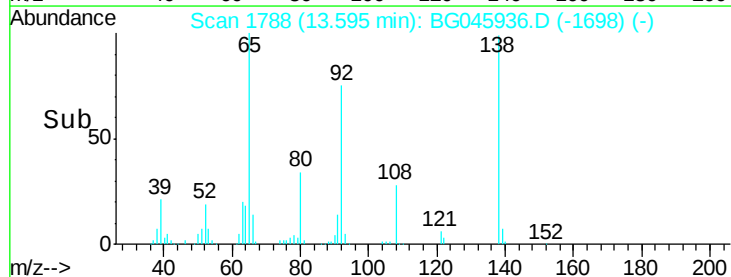
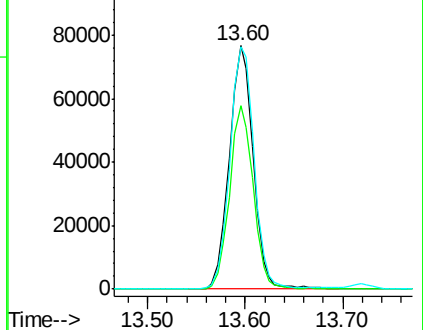
138 99.5 79.0 118.6



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.460 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

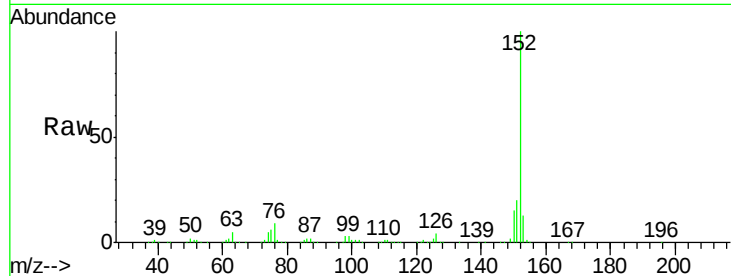
Tot Ion:152 Resp: 601758

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.4

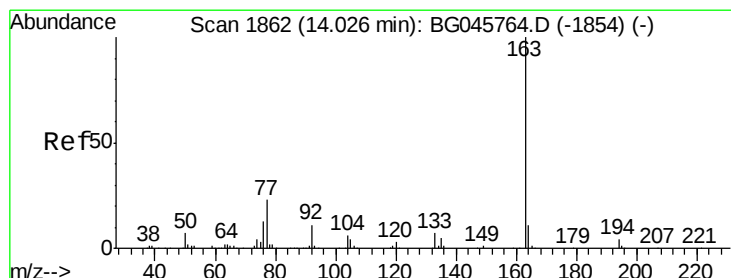
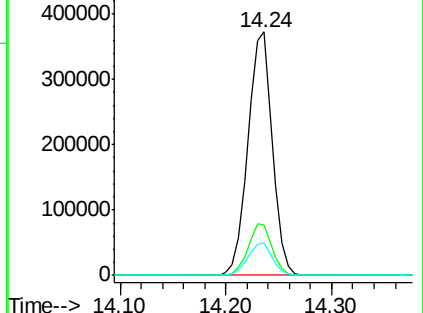
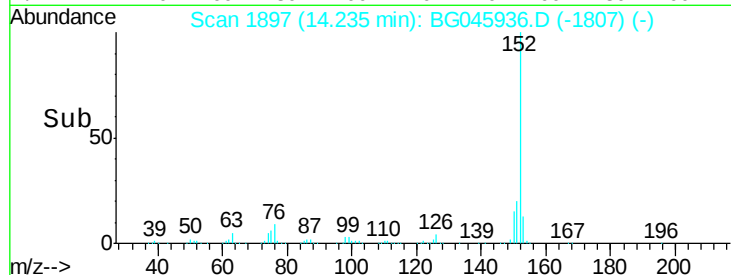
153 13.2 11.4 17.0



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: 51.316 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

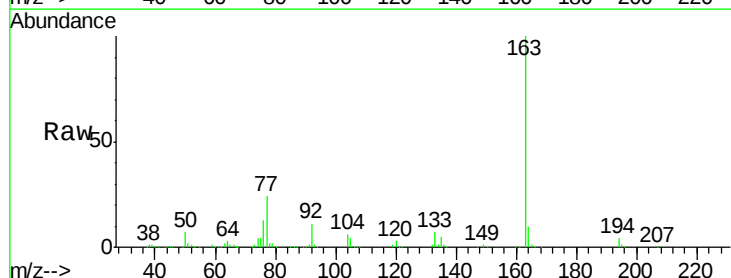
Tgt Ion:163 Resp: 528004

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

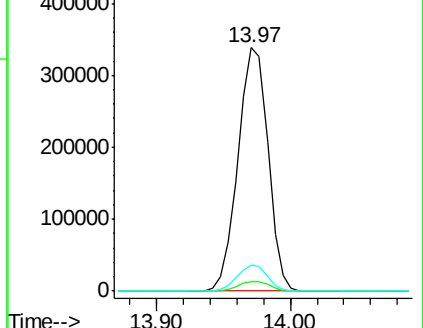
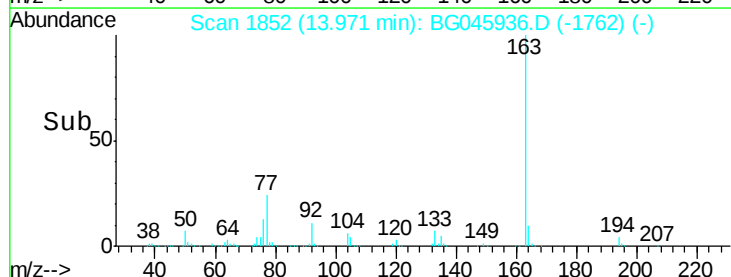
164 10.5 8.7 13.1

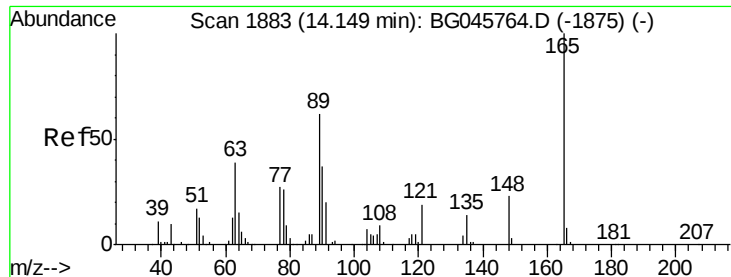


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.005 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

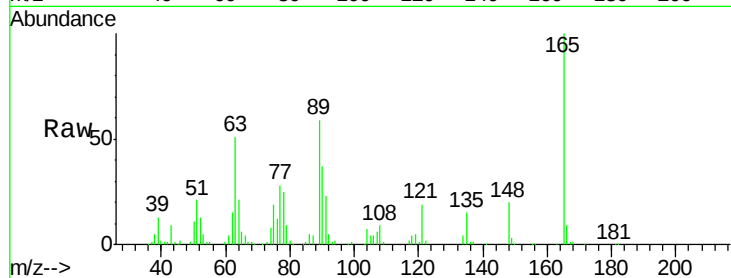
Tot Ion:165 Resp: 120183

Ion Ratio Lower Upper

165 100

63 51.2 41.4 62.2

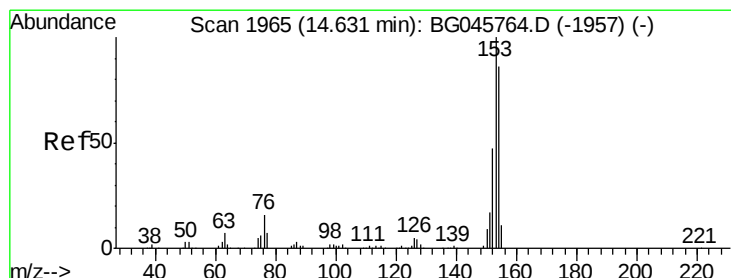
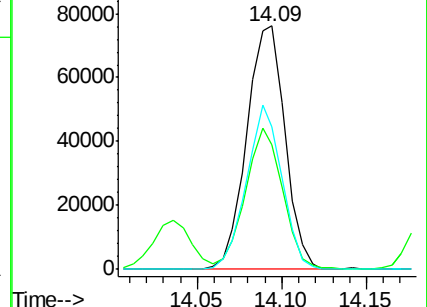
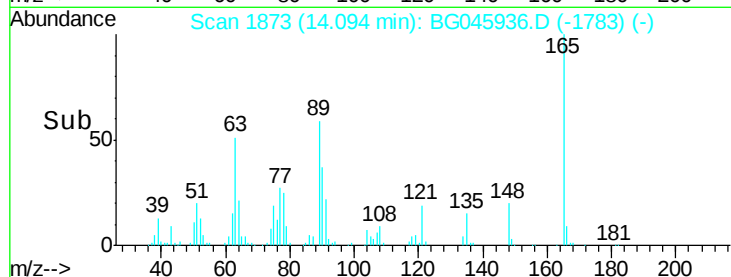
89 58.6 45.4 68.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 48.817 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

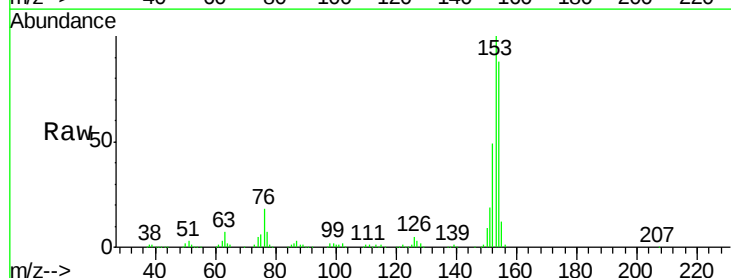
Tgt Ion:154 Resp: 360013

Ion Ratio Lower Upper

154 100

153 113.6 92.5 138.7

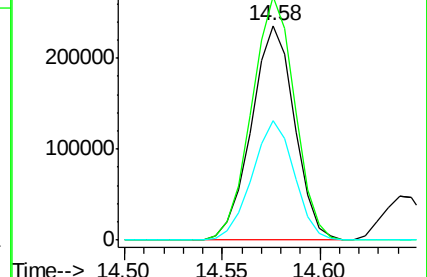
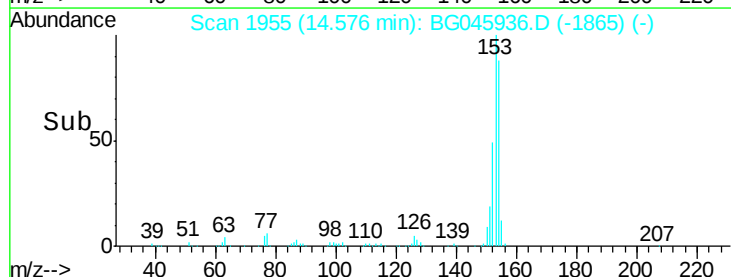
152 55.6 43.4 65.2

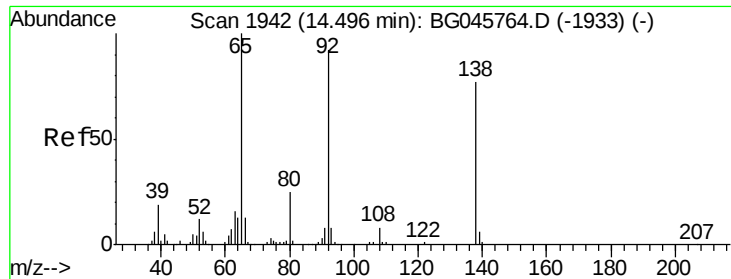


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

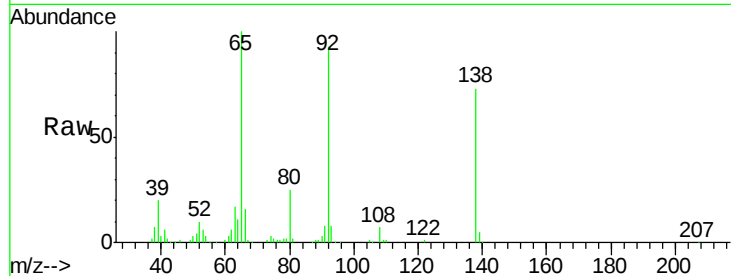




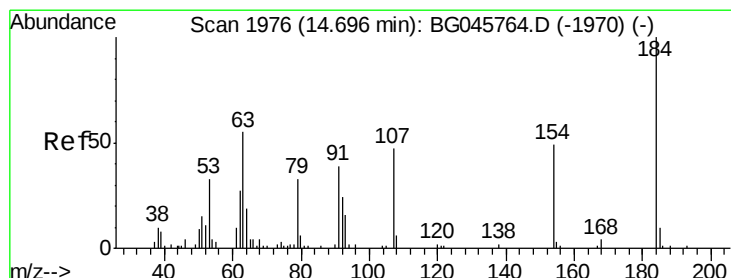
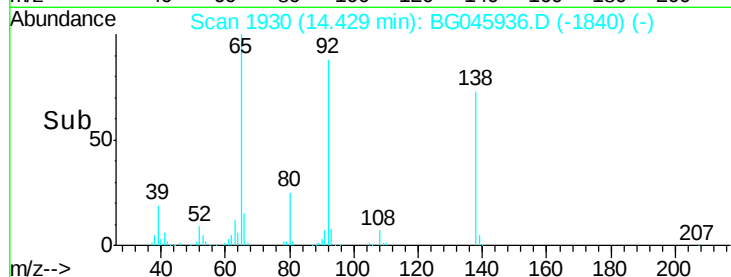
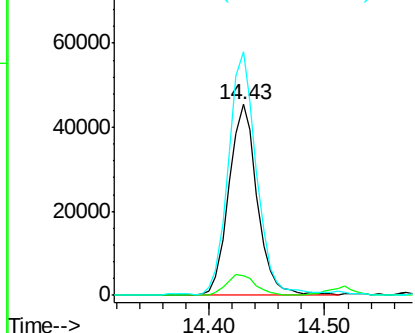
#53
3-Nitroaniline
Concen: 33.559 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion:138 Resp: 77466
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 127.4 101.3 151.9

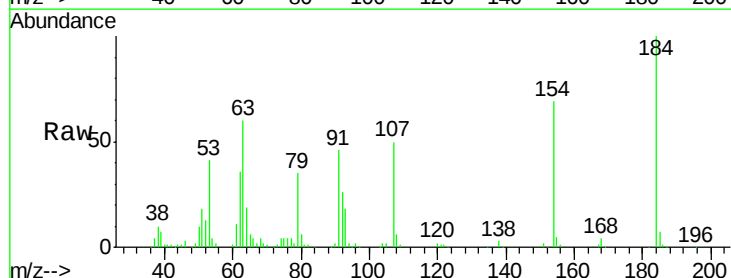


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

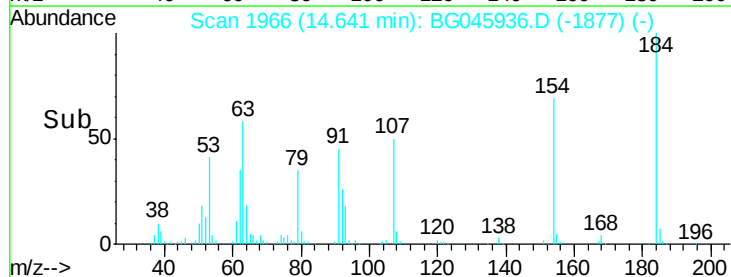
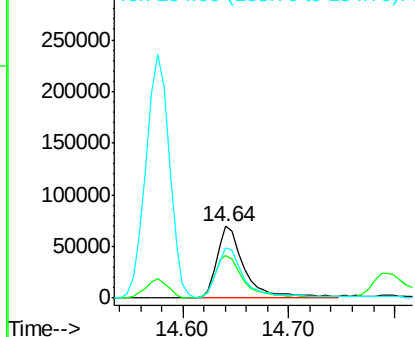


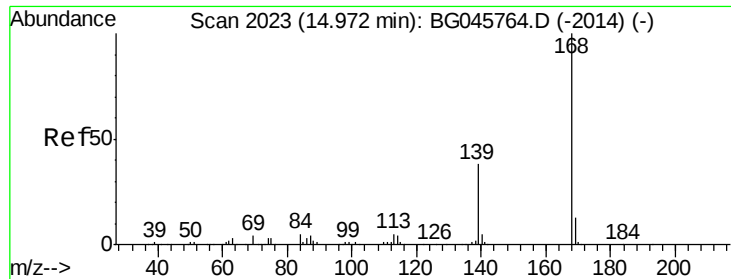
#54
2,4-Dinitrophenol
Concen: 97.931 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:184 Resp: 129105
Ion Ratio Lower Upper
184 100
63 59.8 49.4 74.0
154 69.4 59.8 89.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.744 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

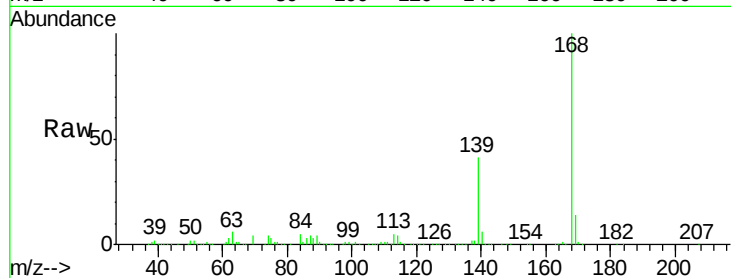
Tot Ion:168 Resp: 595952

Ion Ratio Lower Upper

168 100

139 40.6 32.6 48.8

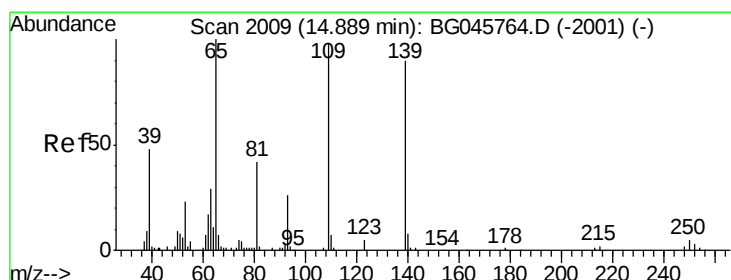
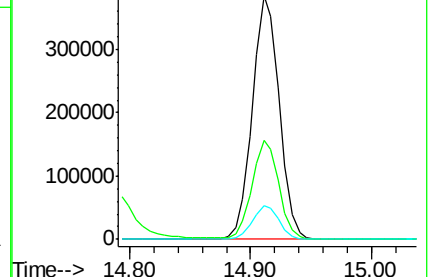
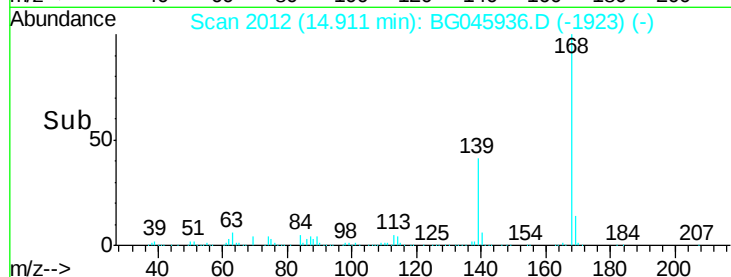
169 13.8 11.4 17.2



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: 78.156 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

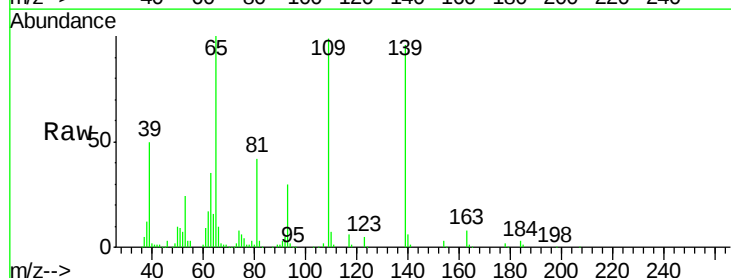
Tgt Ion:139 Resp: 129097

Ion Ratio Lower Upper

139 100

109 103.3 79.2 119.2

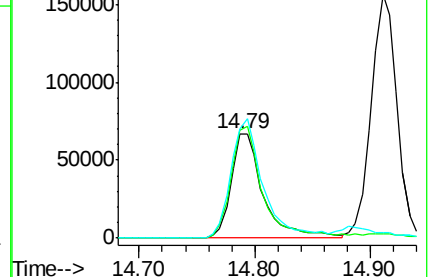
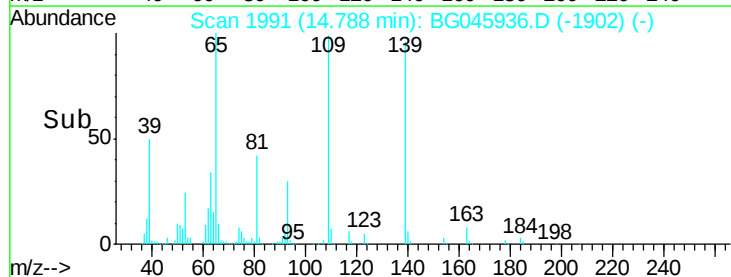
65 104.6 91.0 131.0

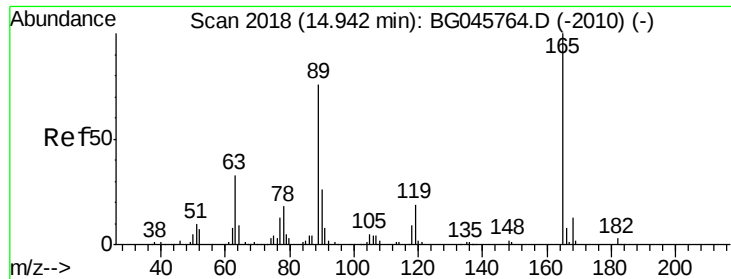


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

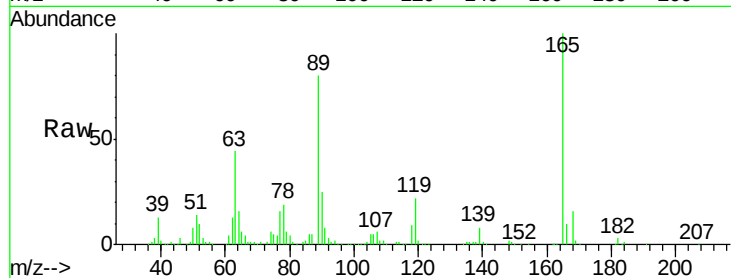




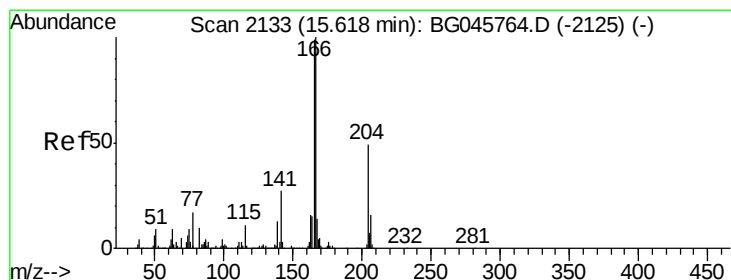
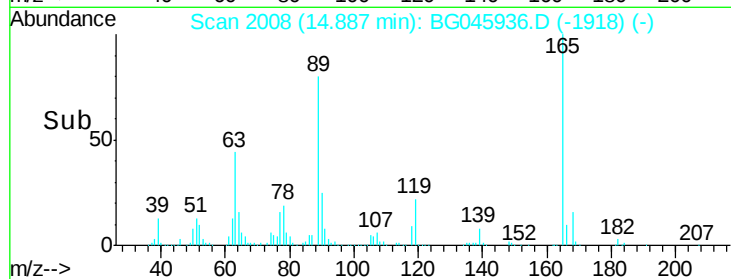
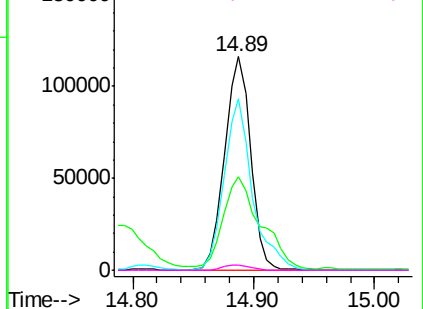
#57
2,4-Dinitrotoluene
Concen: 52.724 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion:165 Resp: 174576
Ion Ratio Lower Upper
165 100
63 43.7 34.5 51.7
89 80.1 60.8 91.2
182 2.6 2.3 3.5

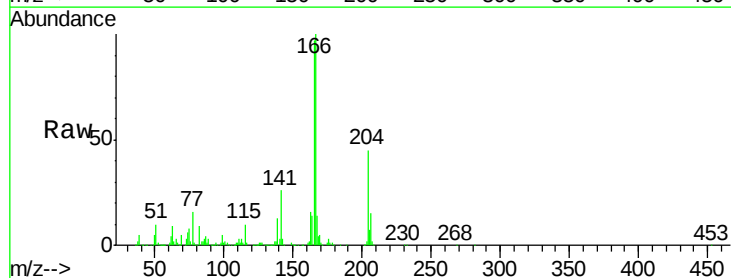


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

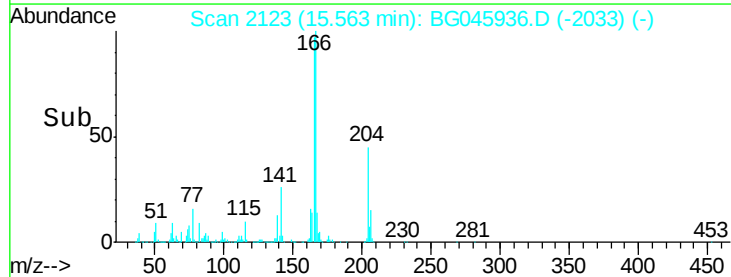
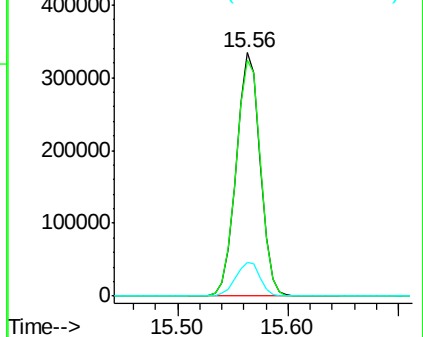


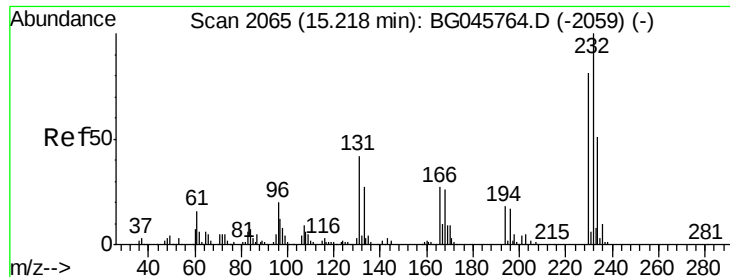
#58
Fluorene
Concen: 51.075 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:166 Resp: 508812
Ion Ratio Lower Upper
166 100
165 97.1 76.9 115.3
167 13.8 11.3 16.9



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

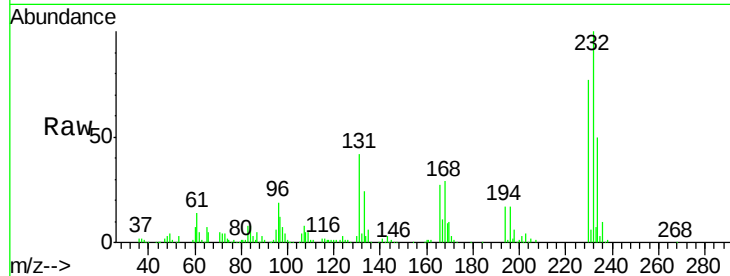




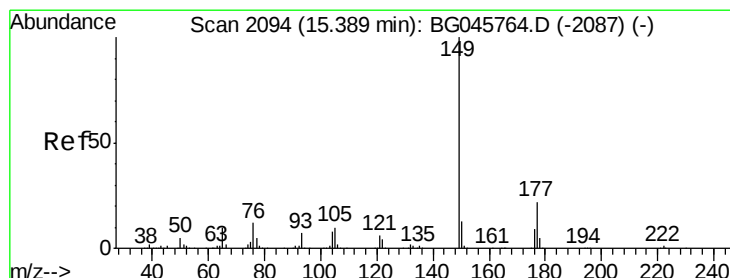
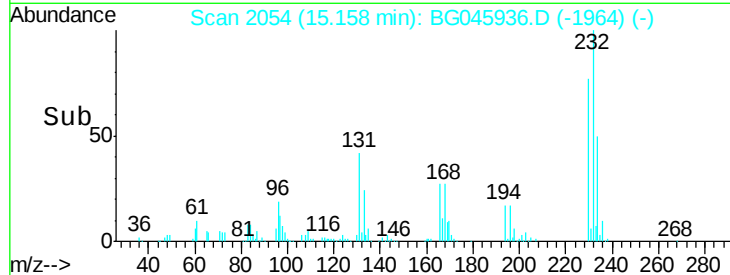
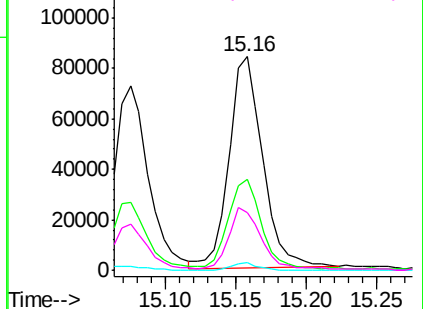
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.117 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion:232 Resp: 139564
 Ion Ratio Lower Upper
 232 100
 131 41.6 34.2 51.2
 130 2.7 2.1 3.1
 166 28.8 23.0 34.4

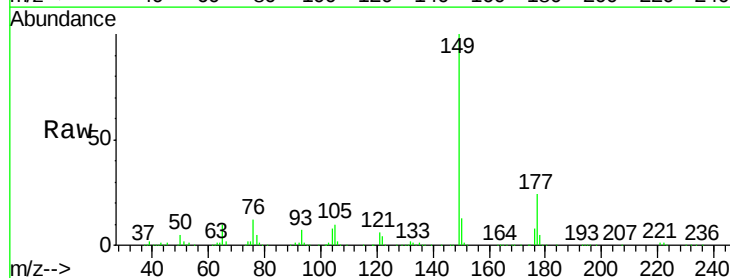


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

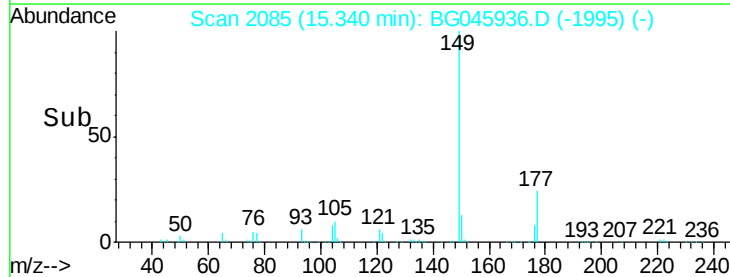
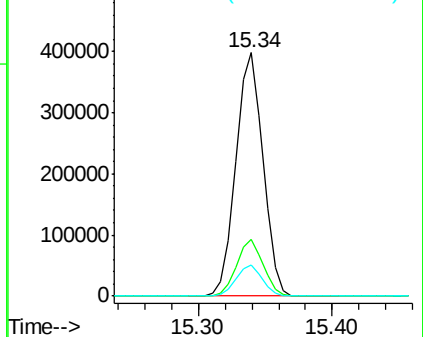


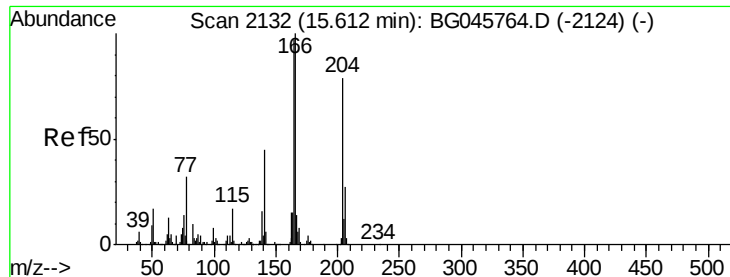
#60
 Diethylphthalate
 Concen: 53.359 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion:149 Resp: 561252
 Ion Ratio Lower Upper
 149 100
 177 23.6 18.6 28.0
 150 12.7 10.2 15.2



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

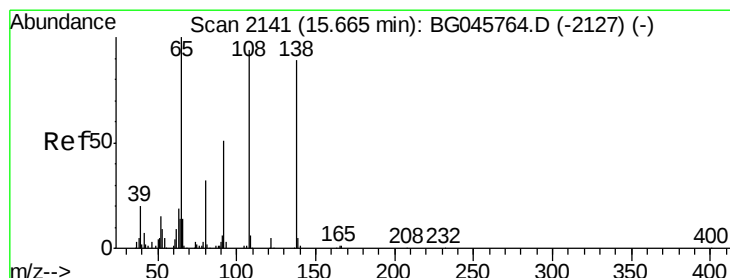
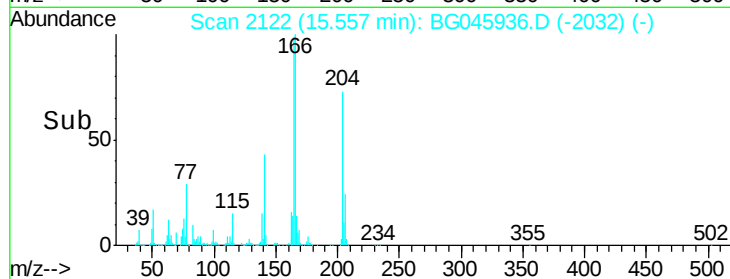
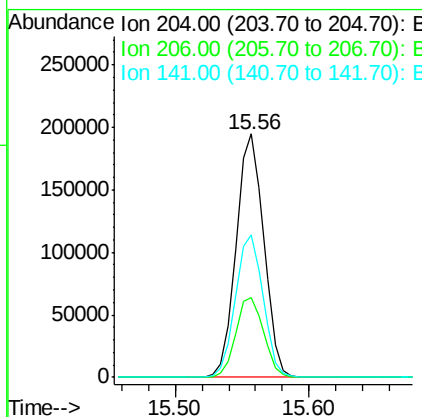
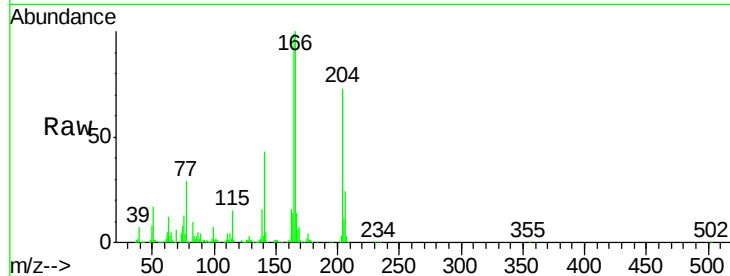




#61
4-Chlorophenyl-phenylether
Concen: 48.664 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

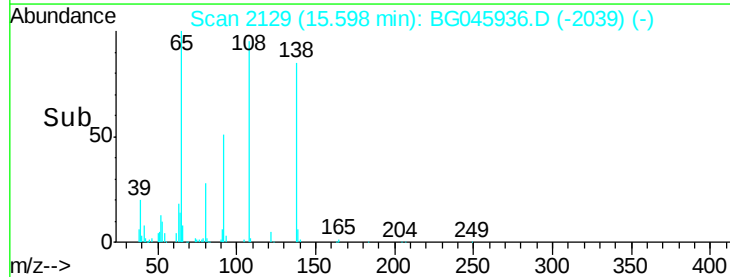
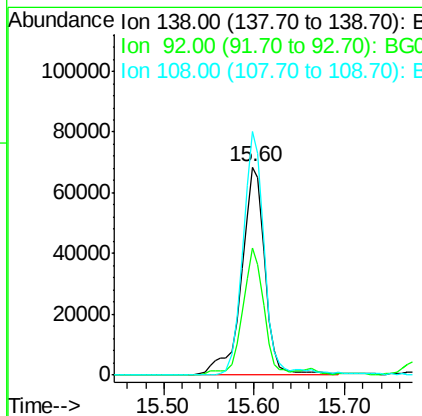
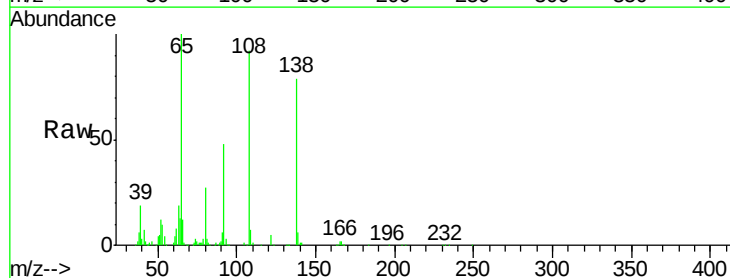
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

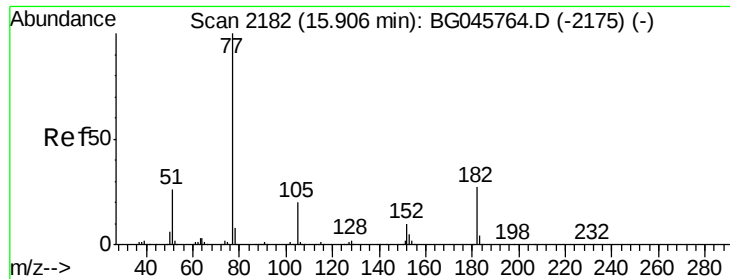
Tot Ion:204 Resp: 279418
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 58.6 47.9 71.9



#62
4-Nitroaniline
Concen: 51.782 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:138 Resp: 122673
Ion Ratio Lower Upper
138 100
92 60.7 34.9 74.9
108 116.8 92.3 132.3

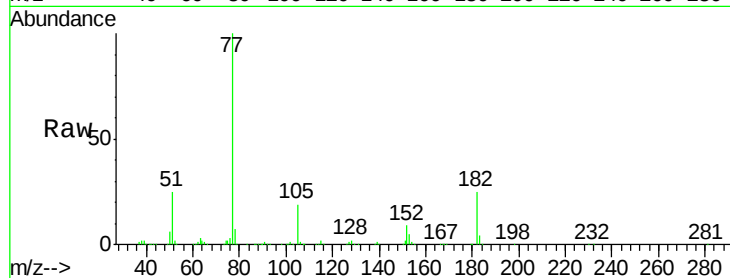




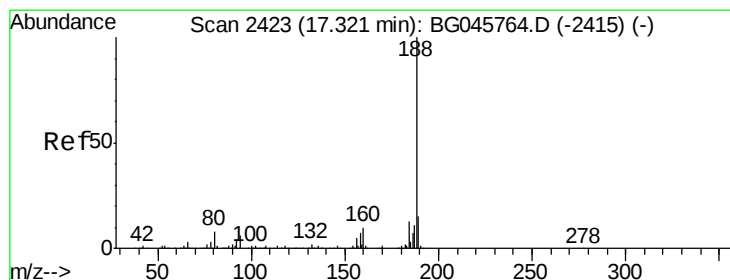
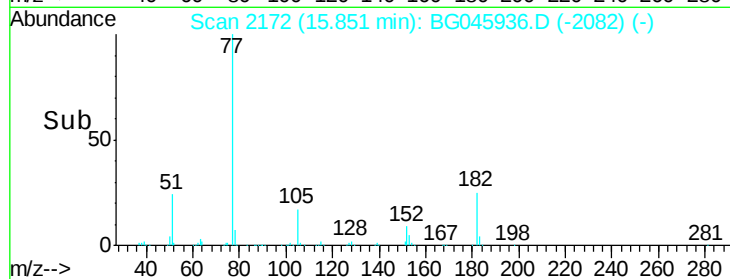
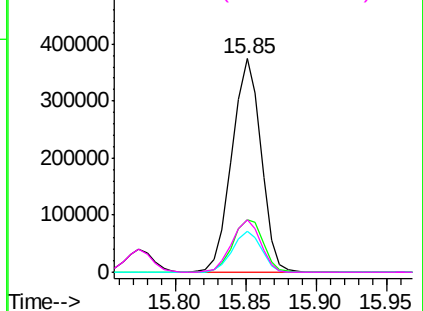
#63
Azobenzene
Concen: 53.196 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion: 77 Resp: 537258
Ion Ratio Lower Upper
77 100
182 24.7 6.0 46.0
105 19.5 0.0 38.0
51 24.6 4.7 44.7

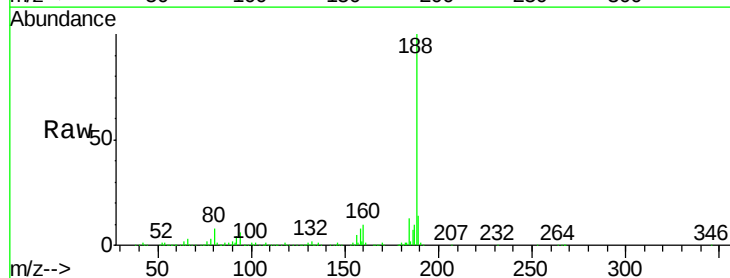


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

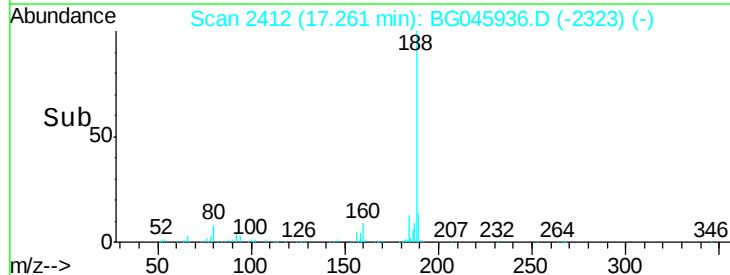
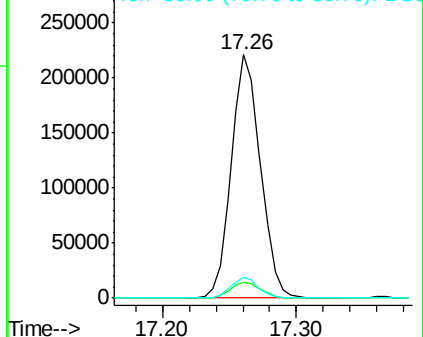


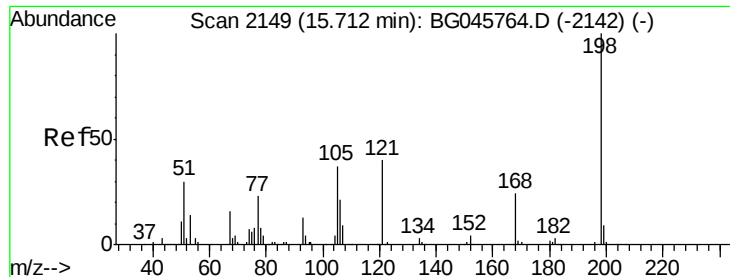
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion: 188 Resp: 336133
Ion Ratio Lower Upper
188 100
94 6.4 5.5 8.3
80 8.3 6.1 9.1



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: 51.587 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

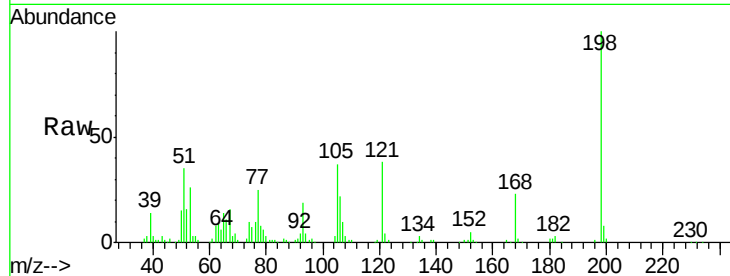
Tot Ion:198 Resp: 107161

Ion Ratio Lower Upper

198 100

51 35.1 14.6 54.6

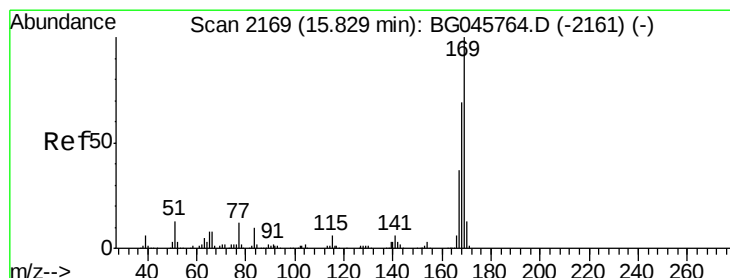
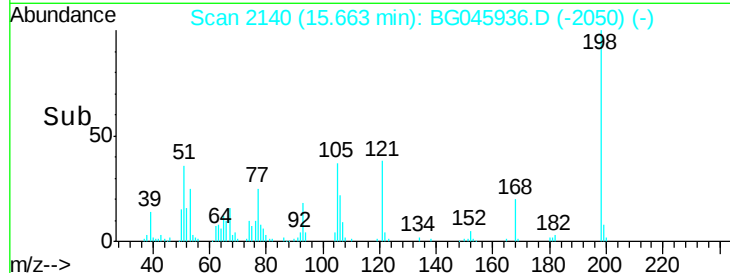
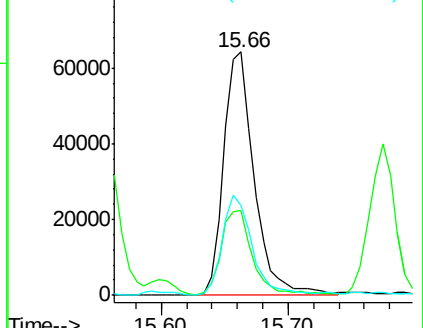
105 36.9 20.1 60.1



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: 47.934 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

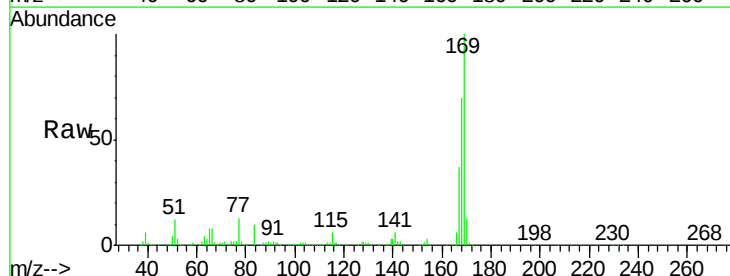
Tgt Ion:169 Resp: 456359

Ion Ratio Lower Upper

169 100

168 69.7 53.6 80.4

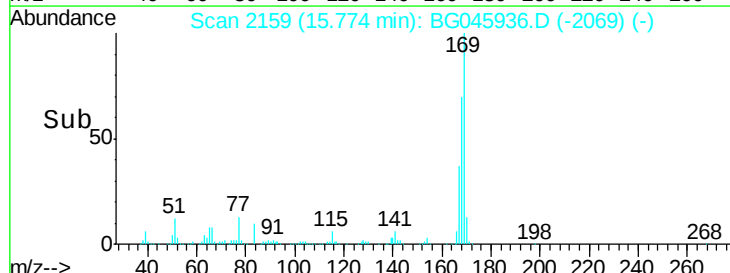
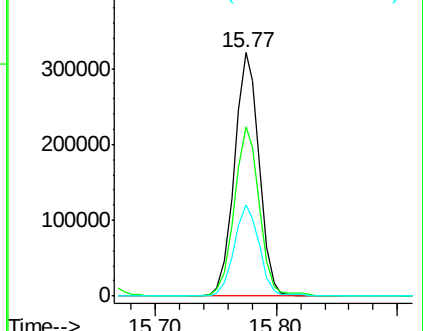
167 37.4 30.7 46.1

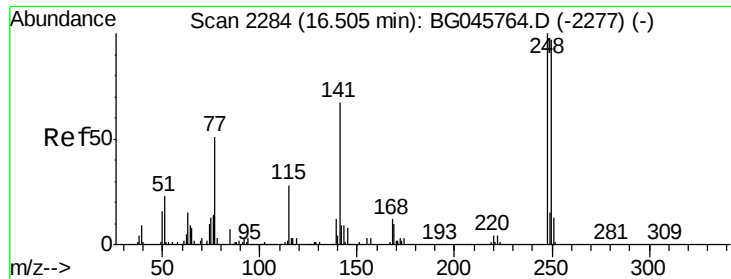


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

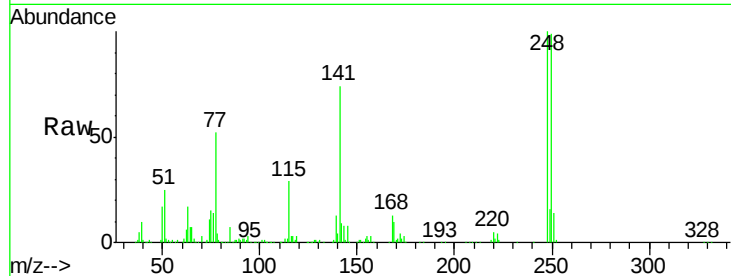




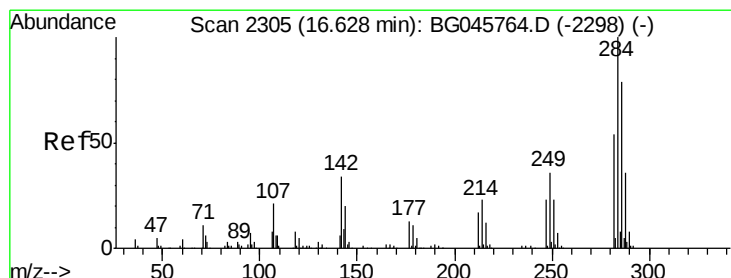
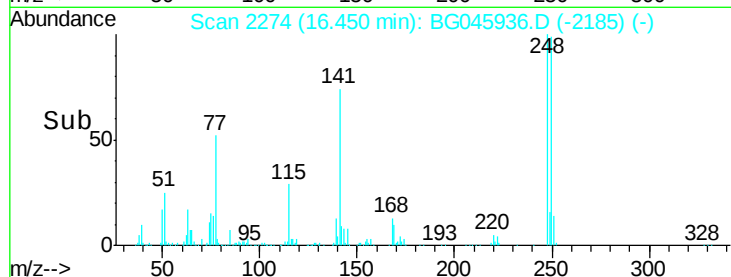
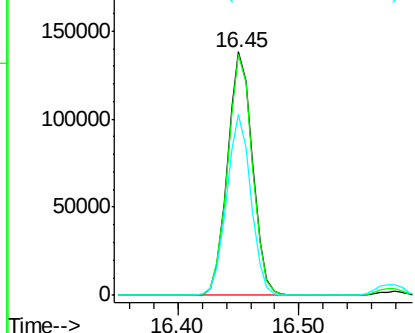
#67
4-Bromophenyl-phenylether
Concen: 45.179 ng
RT: 16.45 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Tot Ion:248 Resp: 197324
Ion Ratio Lower Upper
248 100
250 98.9 77.2 115.8
141 74.3 52.6 79.0

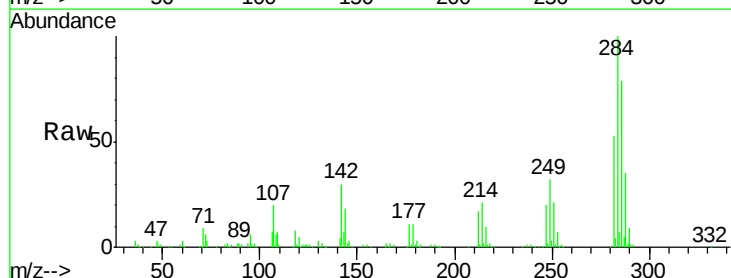


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

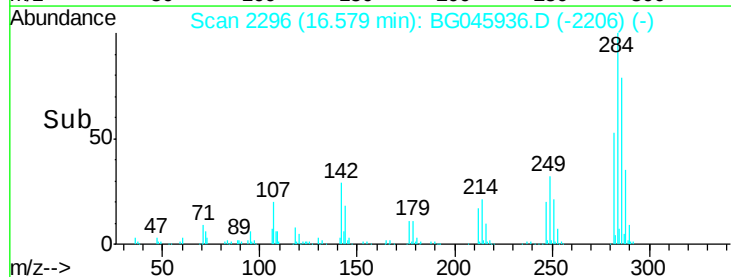
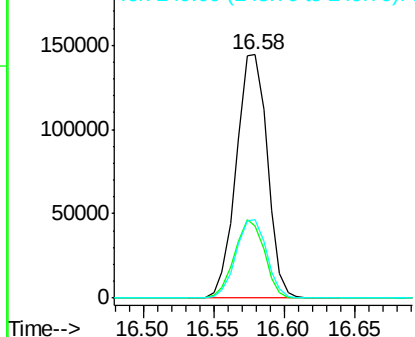


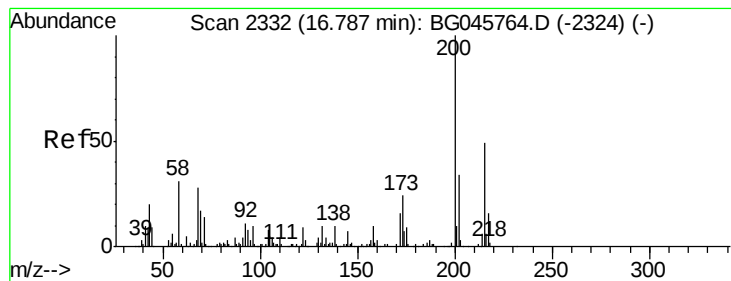
#68
Hexachlorobenzene
Concen: 48.978 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:284 Resp: 221821
Ion Ratio Lower Upper
284 100
142 29.5 23.2 34.8
249 32.1 25.5 38.3



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





#69

Atrazine

Concen: 50.126 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

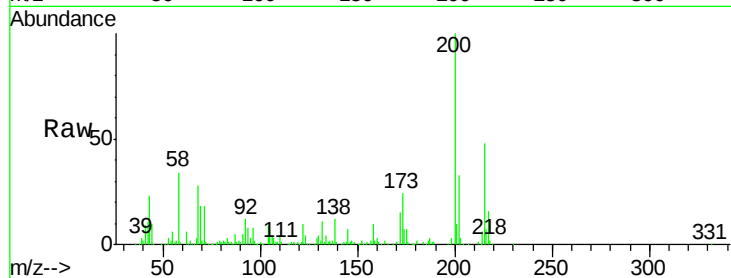
Tot Ion:200 Resp: 185186

Ion Ratio Lower Upper

200 100

173 23.8 4.3 44.3

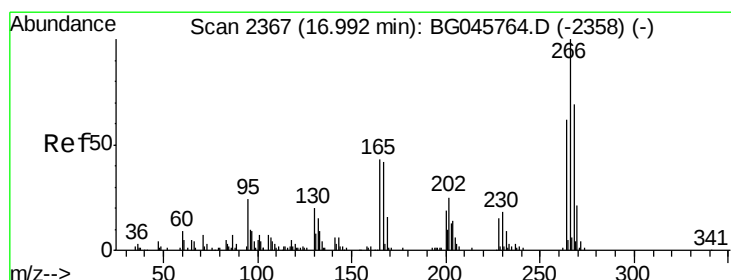
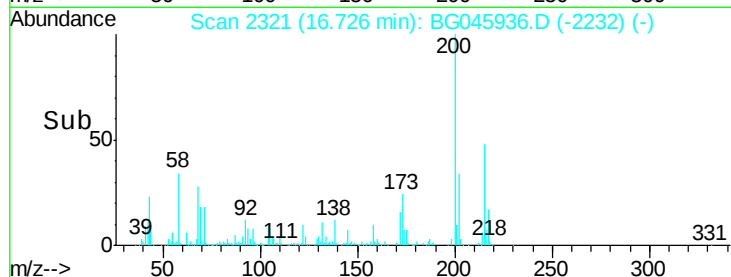
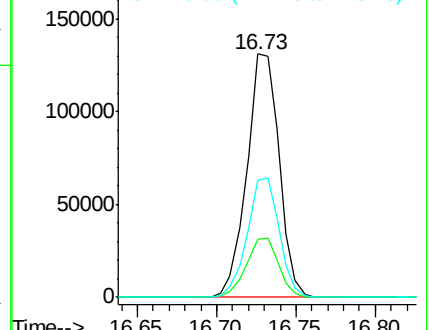
215 48.0 30.5 70.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.138 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

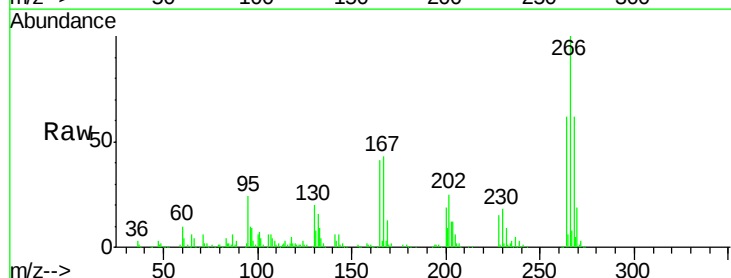
Tgt Ion:266 Resp: 164213

Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

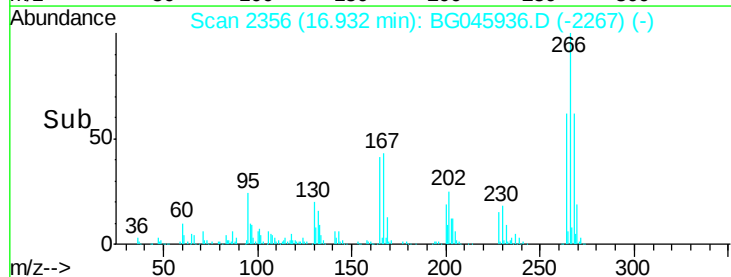
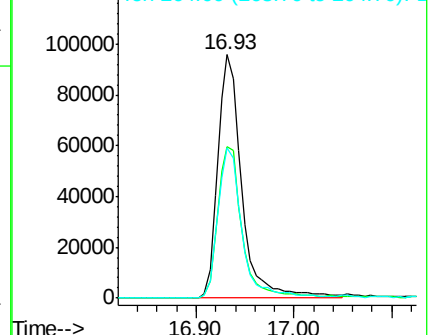
264 61.9 47.0 70.6

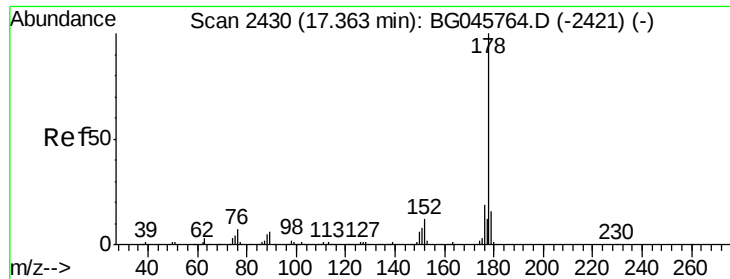


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

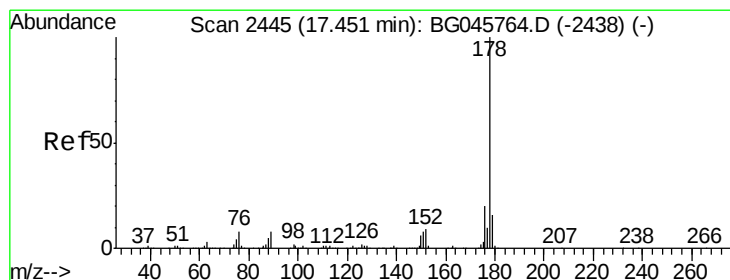
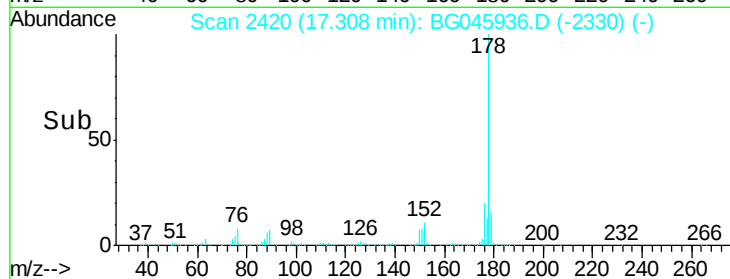
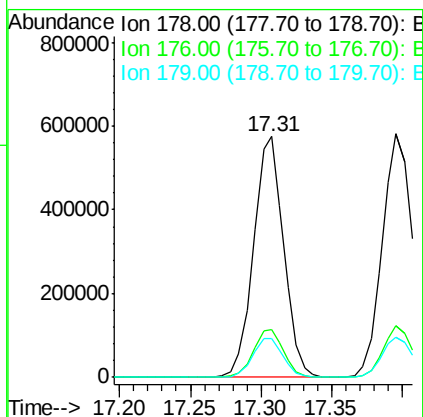
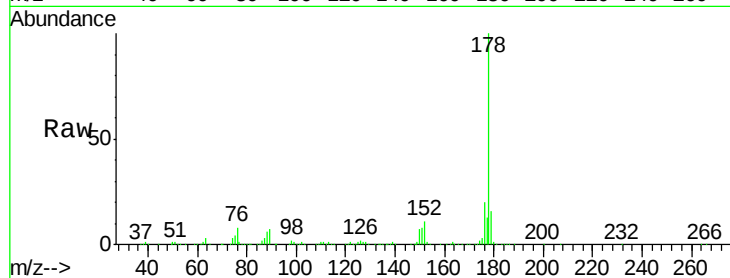




#71
Phenanthrene
Concen: 49.625 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

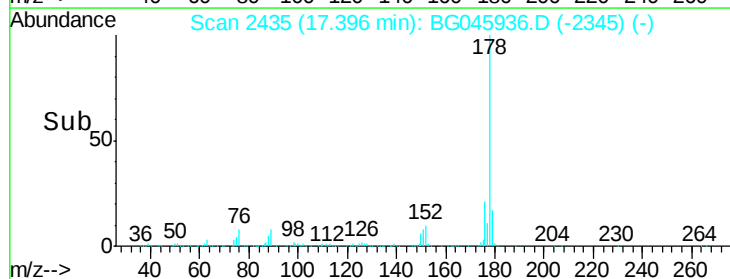
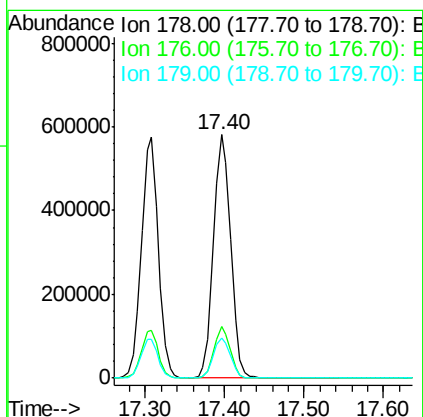
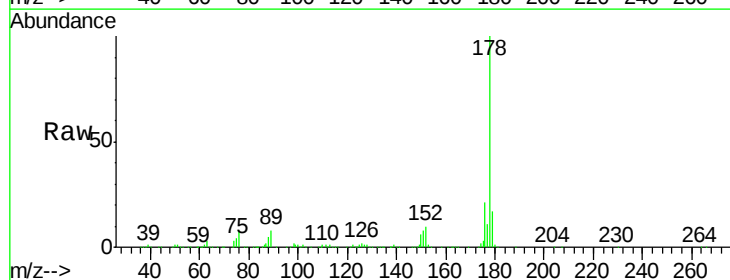
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

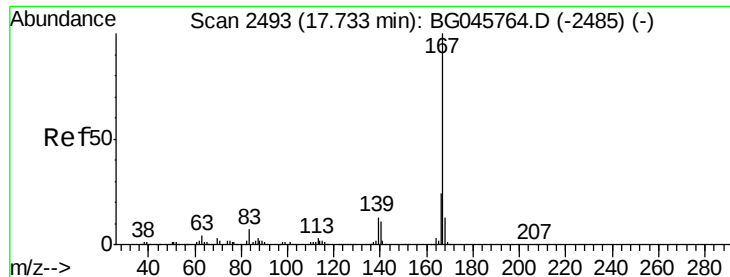
Tot Ion:178 Resp: 860282
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.0 12.6 19.0



#72
Anthracene
Concen: 50.797 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:178 Resp: 876899
Ion Ratio Lower Upper
178 100
176 21.1 15.6 23.4
179 16.6 13.0 19.4

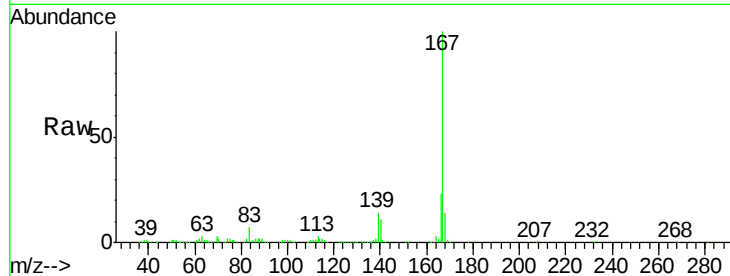




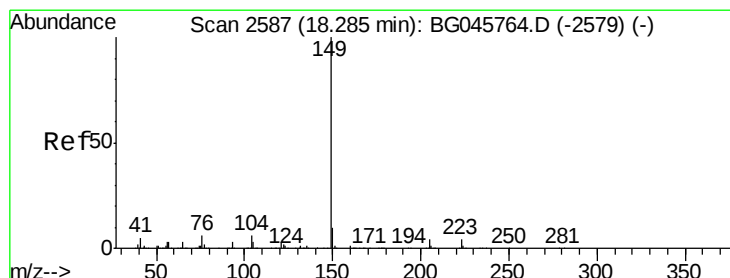
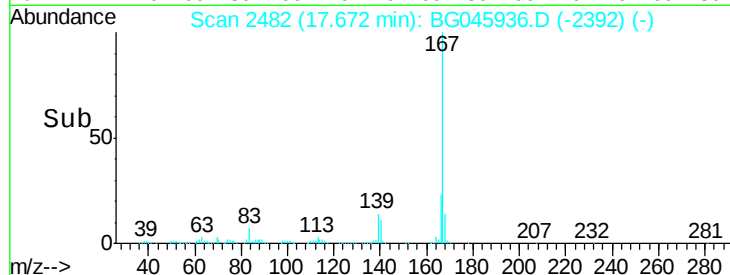
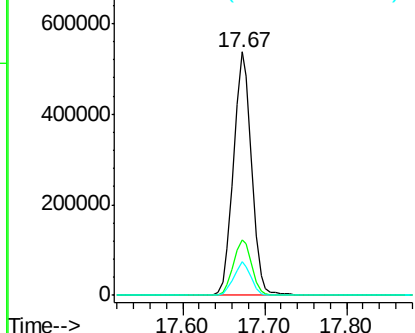
#73
 Carbazole
 Concen: 50.461 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

Tot Ion:167 Resp: 829432
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.9 28.3
 139 14.1 11.4 17.0

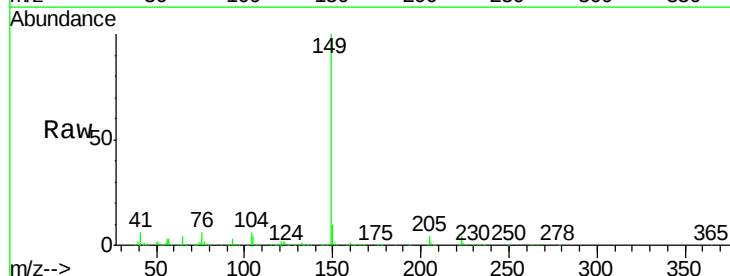


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

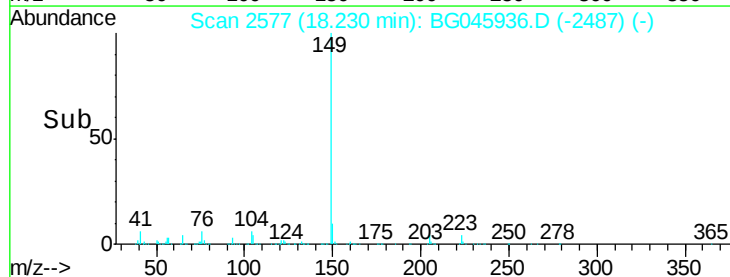
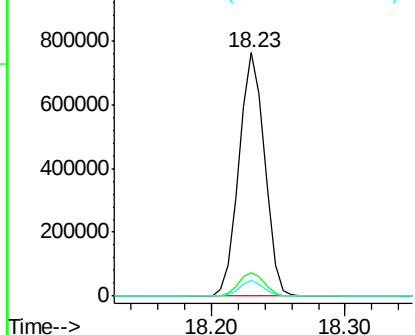


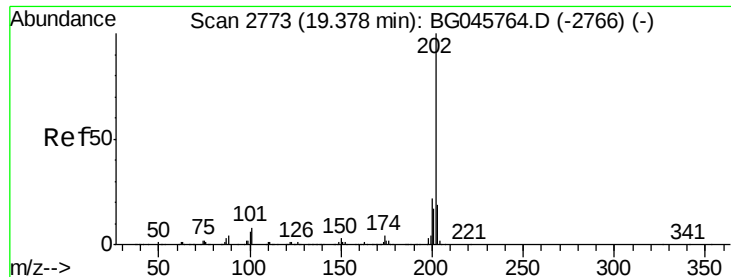
#74
 Di-n-butylphthalate
 Concen: 51.976 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion:149 Resp: 1011573
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.0
 104 6.4 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: 52.564 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

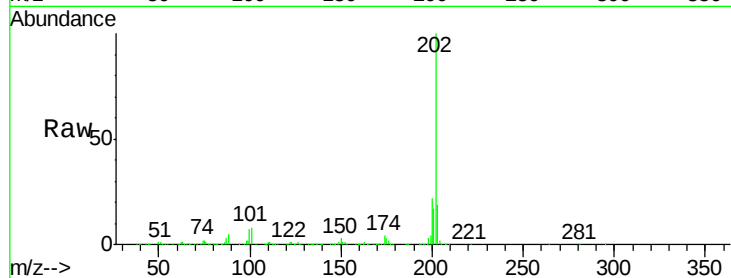
Tot Ion:202 Resp: 1120505

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

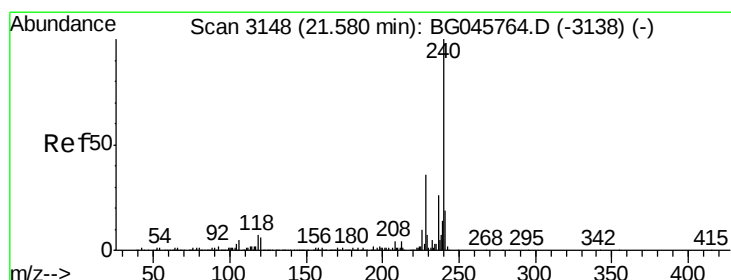
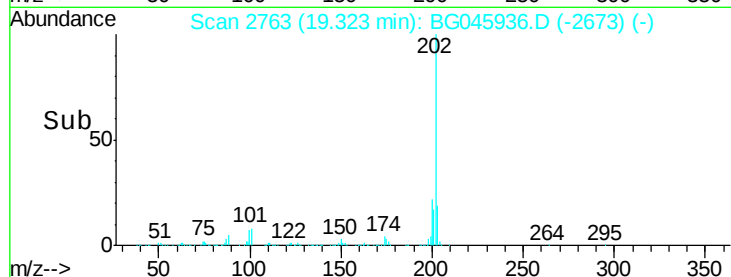
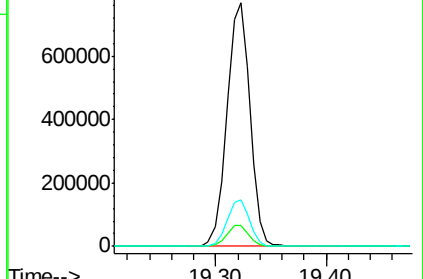
203 19.3 0.0 38.5



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: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

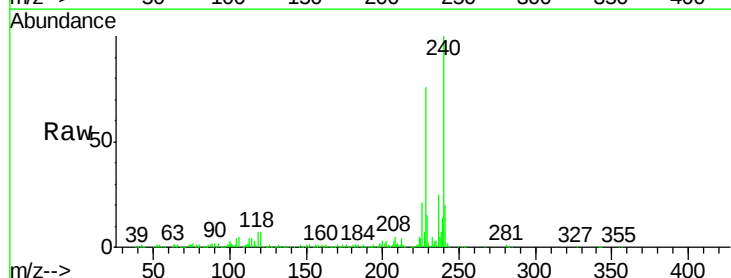
Tgt Ion:240 Resp: 335726

Ion Ratio Lower Upper

240 100

120 7.3 5.2 7.8

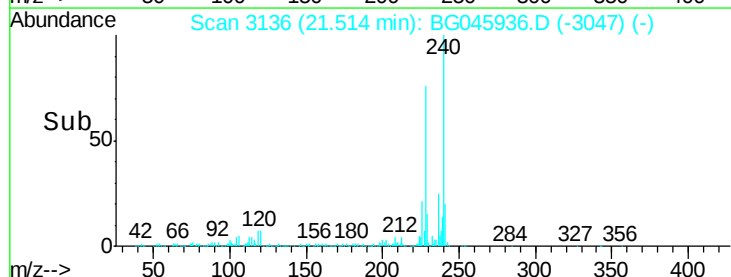
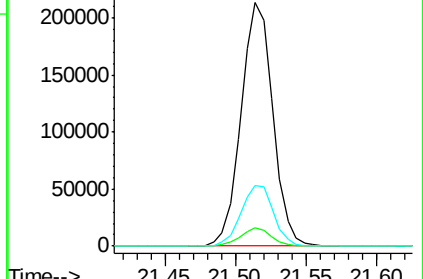
236 24.9 20.8 31.2

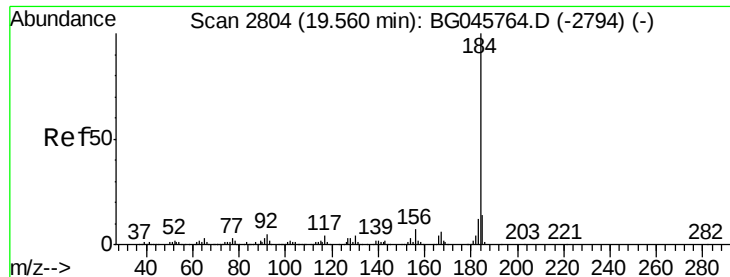


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.841 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

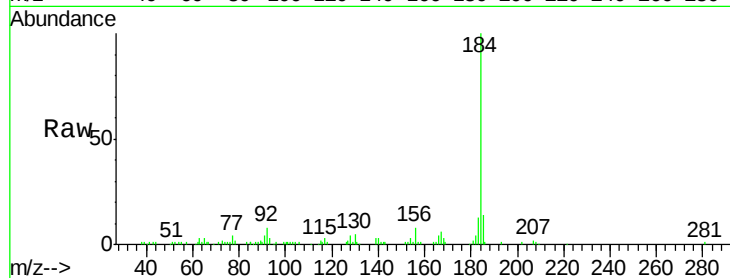
Tot Ion:184 Resp: 77161

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

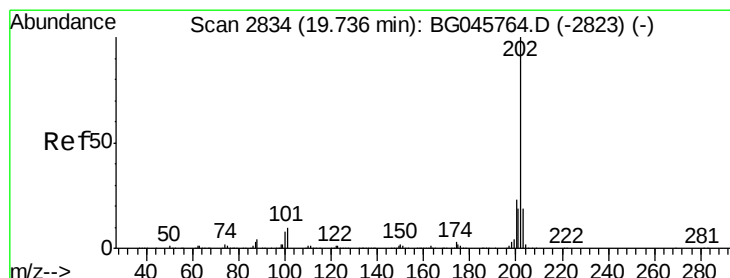
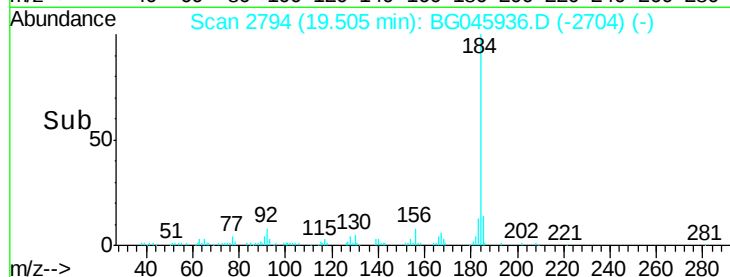
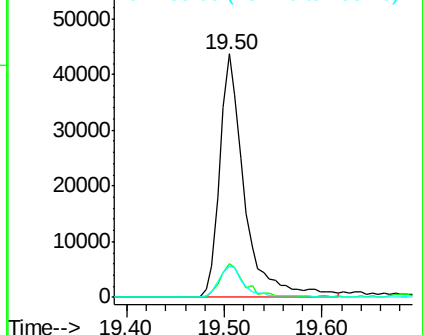
183 12.7 10.6 15.8



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: 49.392 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

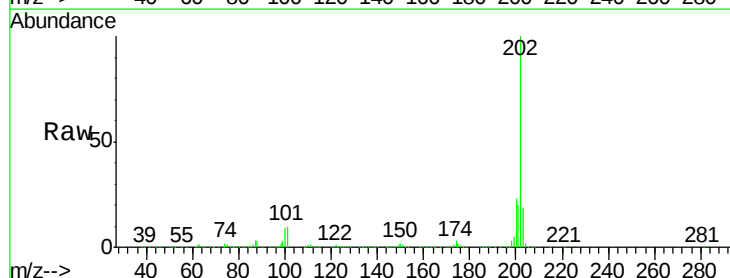
Tgt Ion:202 Resp: 1110405

Ion Ratio Lower Upper

202 100

200 22.8 18.1 27.1

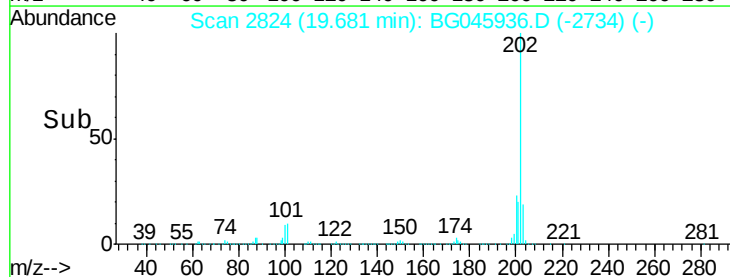
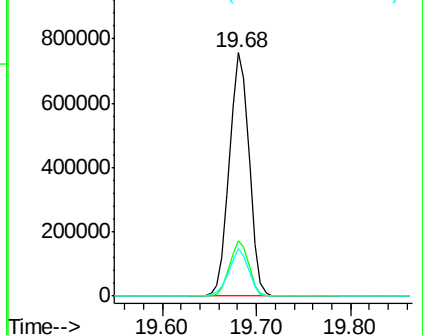
203 19.5 15.1 22.7

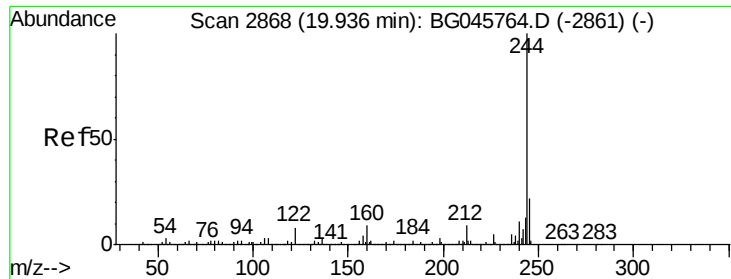


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.783 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

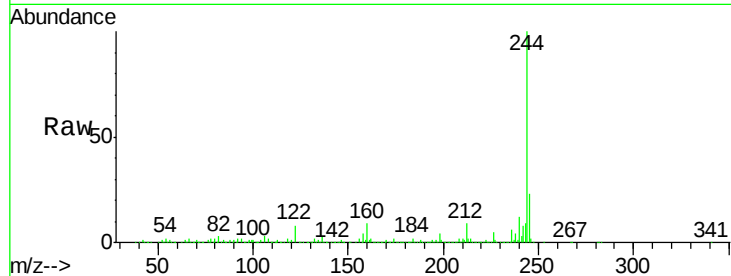
Tot Ion:244 Resp: 1802094

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

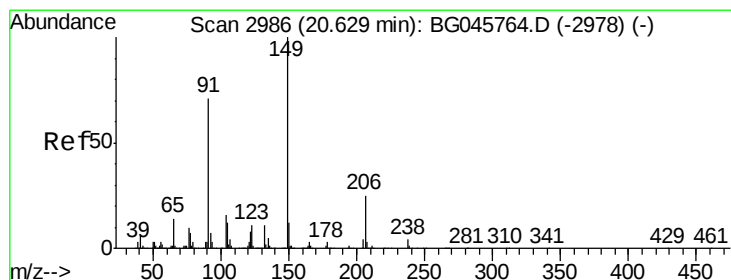
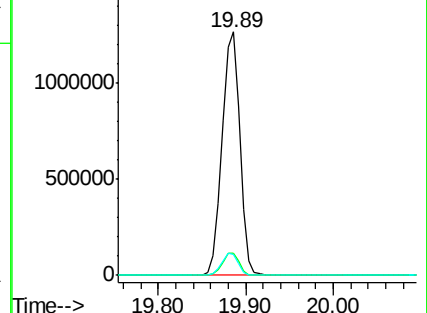
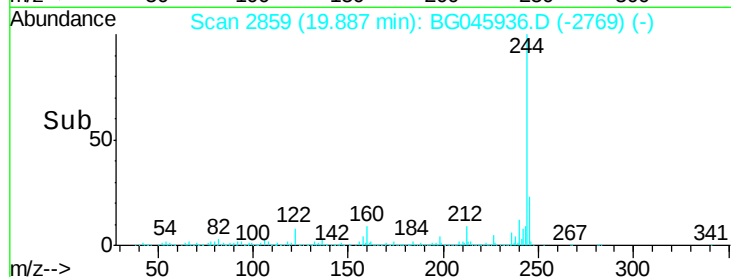
122 8.4 6.6 9.8



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: 49.643 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

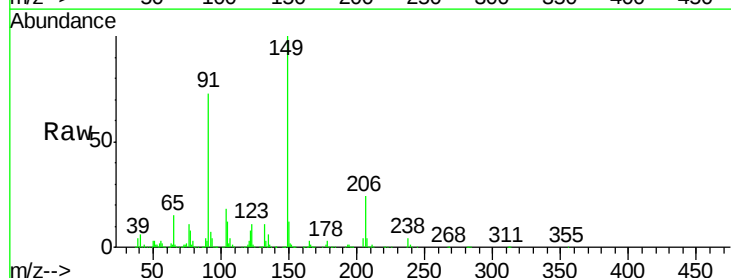
Tgt Ion:149 Resp: 467146

Ion Ratio Lower Upper

149 100

91 73.5 60.4 90.6

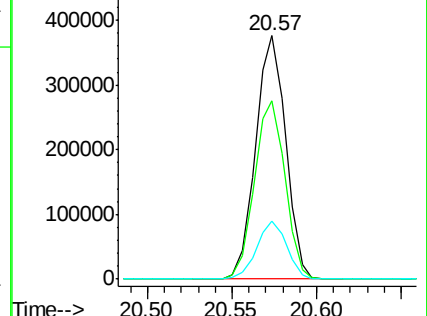
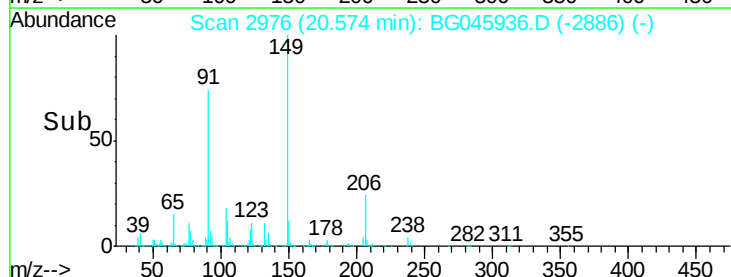
206 23.7 19.8 29.6

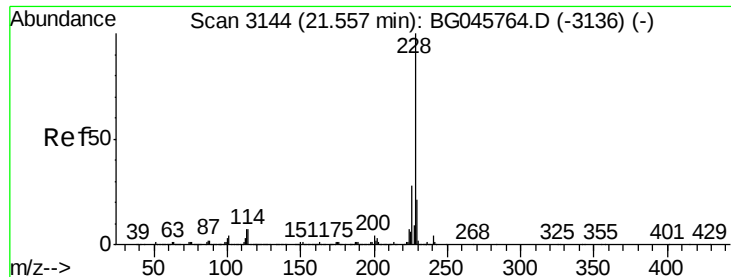


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.210 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

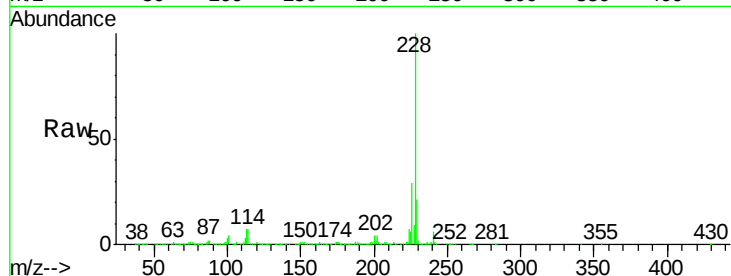
BNA_G

ClientSampleId :

MH-1-COMPMSD

Tot Ion:228 Resp: 1071136

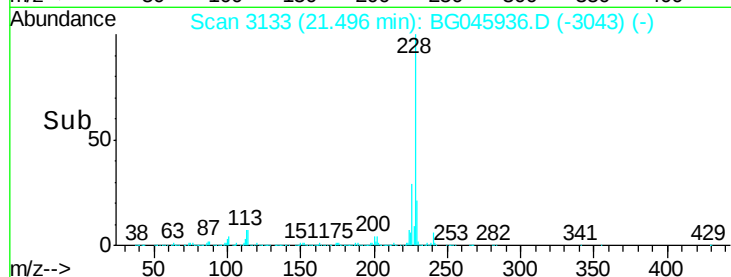
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	21.3	16.6	24.8



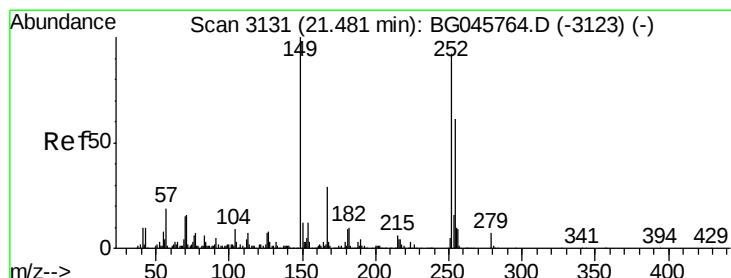
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.40 21.45 21.50 21.55



#82

3,3'-Dichlorobenzidine

Concen: 36.059 ng

RT: 21.41 min Scan# 3119

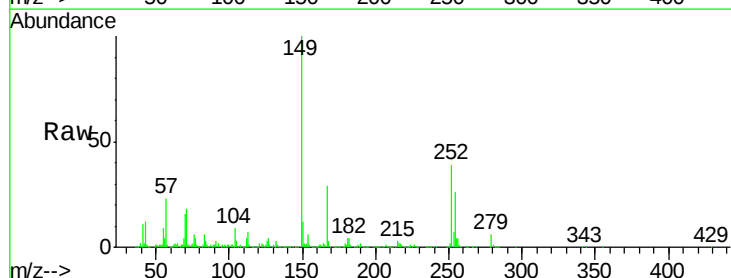
Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:252 Resp: 296882

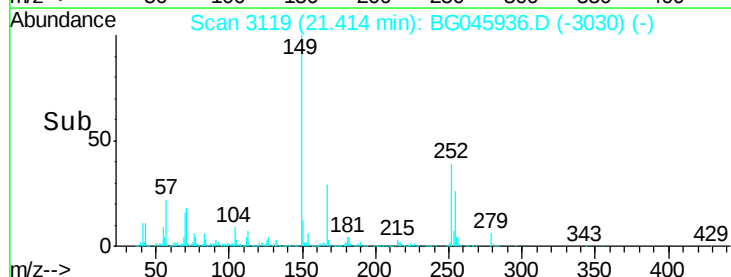
Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.8	80.6
126	8.3	6.4	9.6



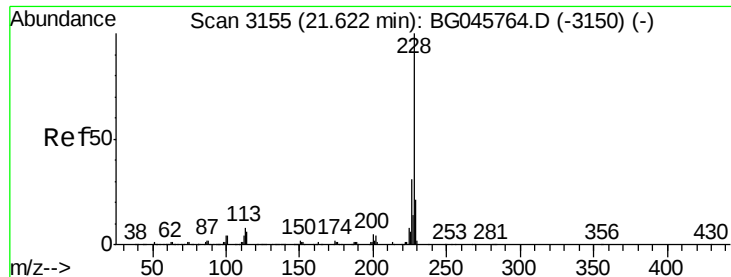
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time--> 21.30 21.40 21.50



#83

Chrysene

Concen: 49.077 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

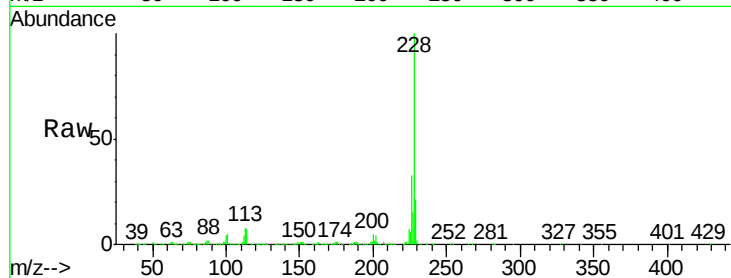
BNA_G

ClientSampleId :

MH-1-COMPMSD

Tot Ion:228 Resp: 1033213

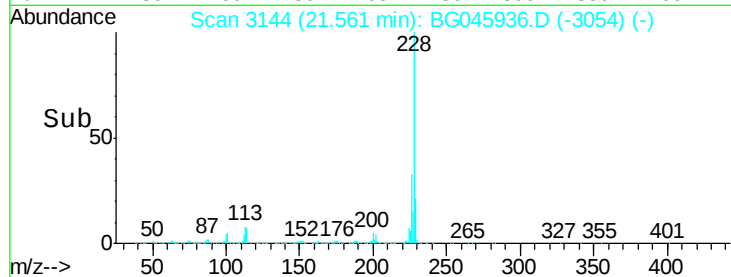
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.8	38.6
229	21.4	16.4	24.6



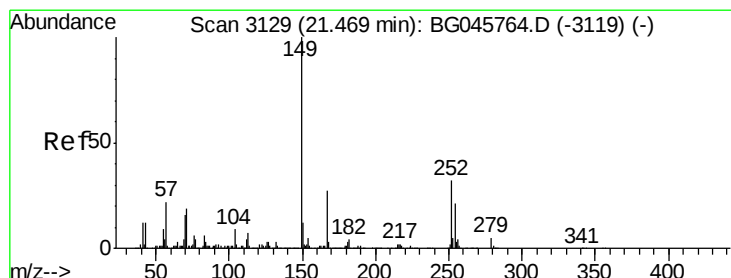
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.192 ng

RT: 21.41 min Scan# 3119

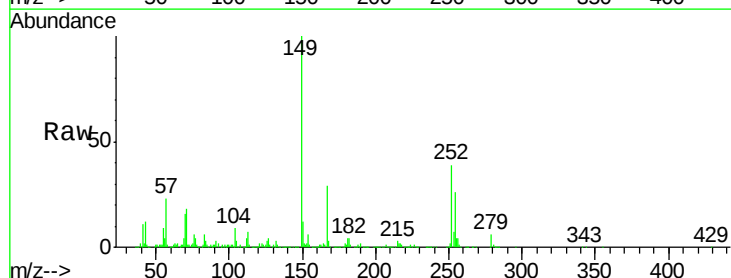
Delta R.T. -0.00 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Tgt Ion:149 Resp: 656973

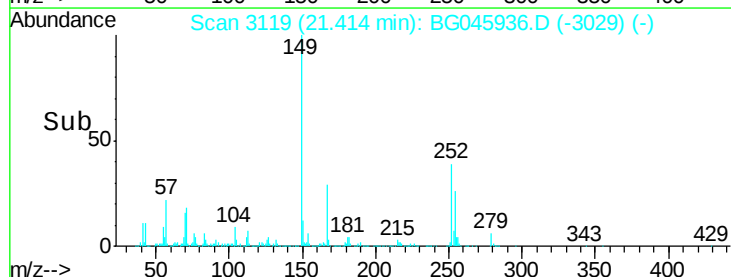
Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.5	33.7
279	5.7	4.4	6.6



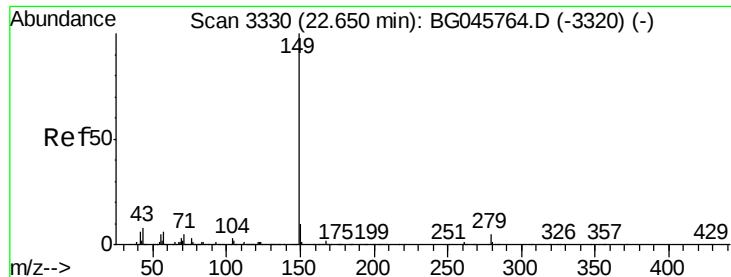
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 49.994 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

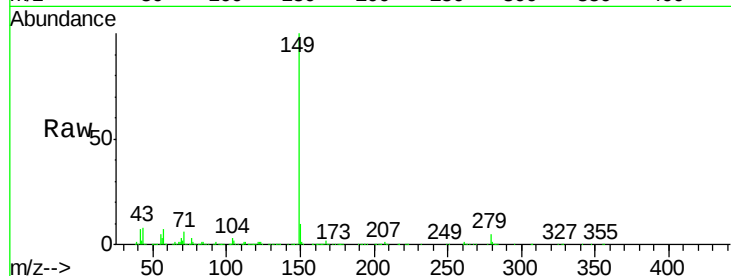
Tot Ion:149 Resp: 1128751

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

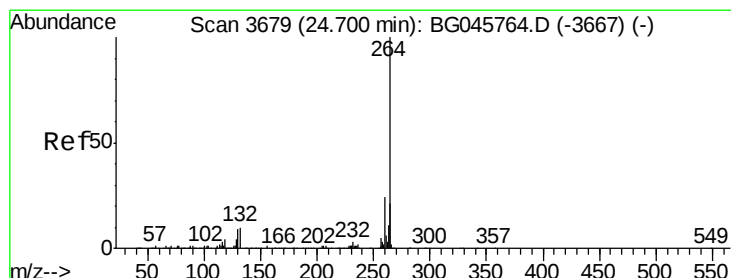
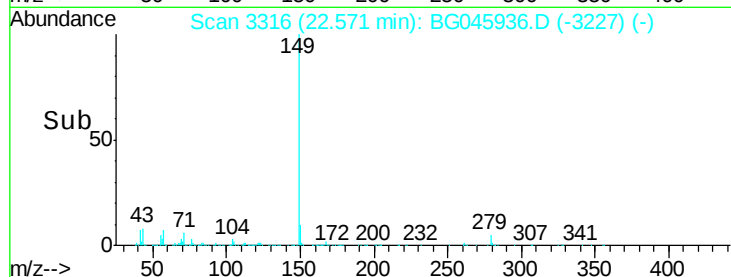
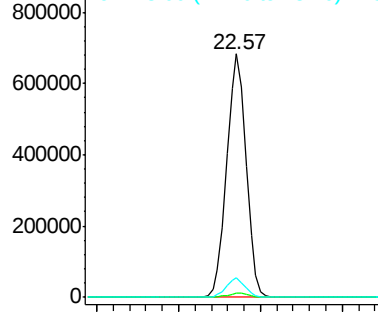
43 7.6 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

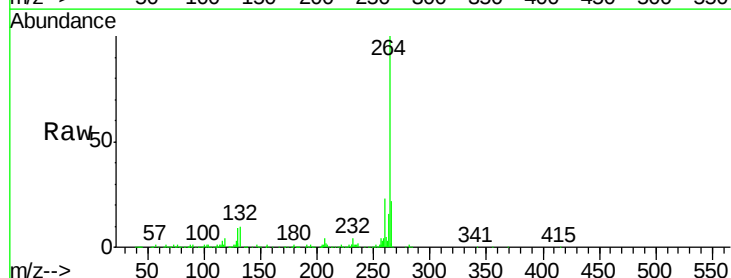
Tgt Ion:264 Resp: 350531

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

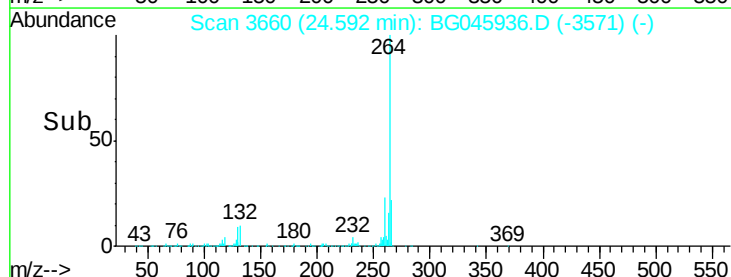
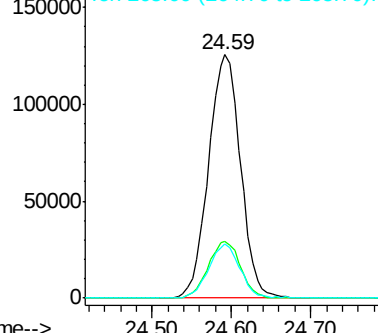
265 22.1 16.4 24.6

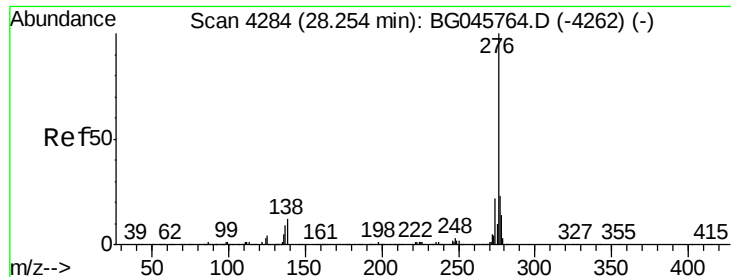


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

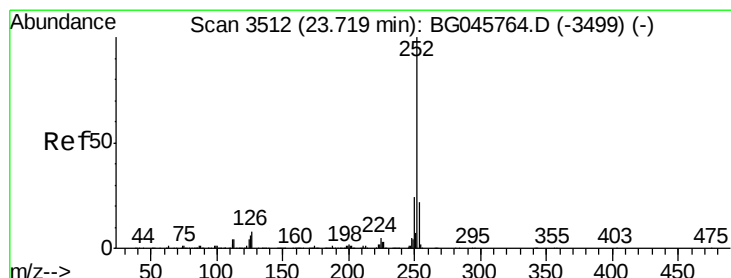
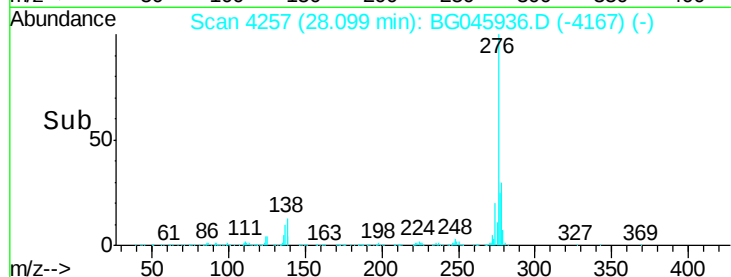
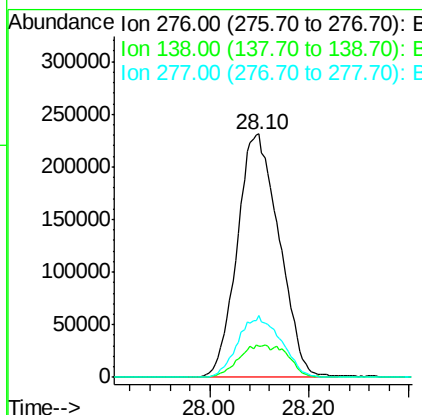
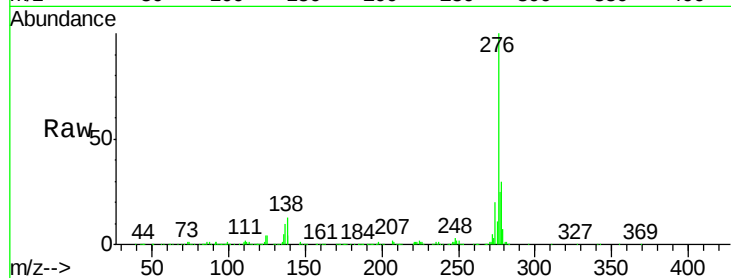




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.303 ng
 RT: 28.10 min Scan# 4257
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

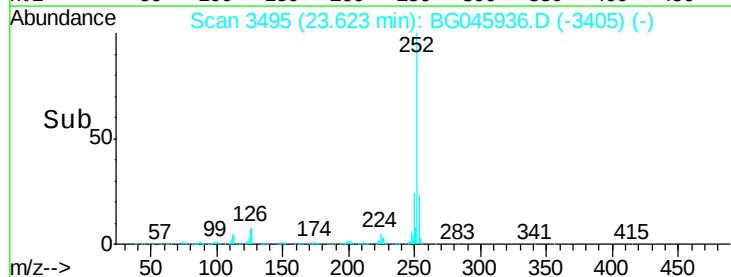
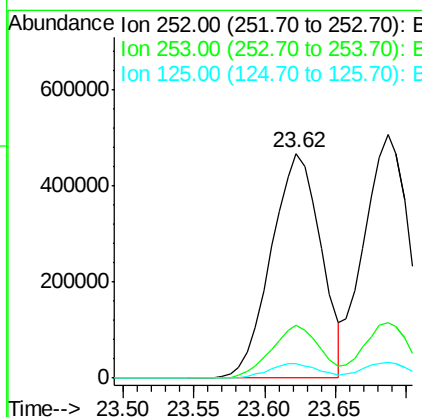
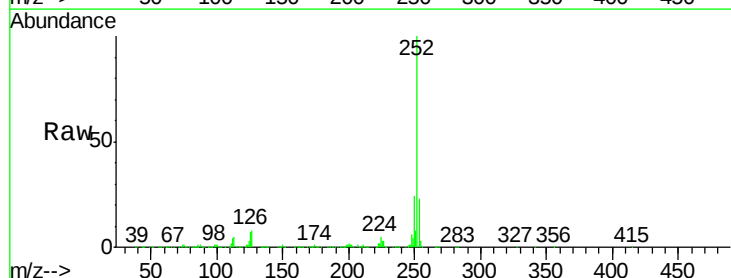
Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMPMSD

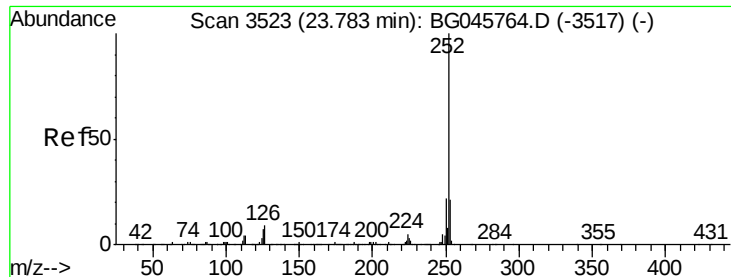
Tot Ion:276 Resp: 1354529
 Ion Ratio Lower Upper
 276 100
 138 9.9 8.4 12.6
 277 25.8 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 52.195 ng
 RT: 23.62 min Scan# 3495
 Delta R.T. -0.00 min
 Lab File: BG045936.D
 Acq: 3 Jul 2020 6:47

Tgt Ion:252 Resp: 1147138
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.5 27.7
 125 6.7 5.2 7.8

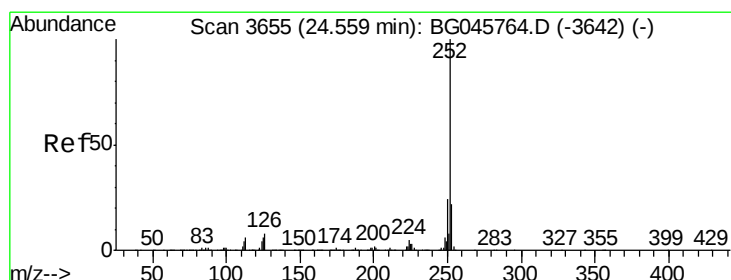
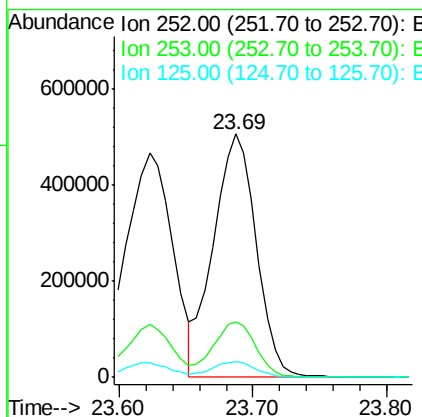
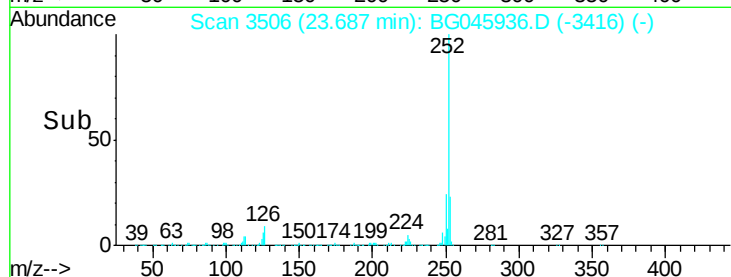
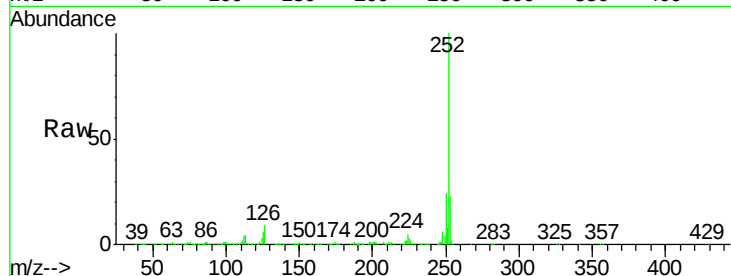




#89
Benzo(k)fluoranthene
Concen: 53.551 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.00 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

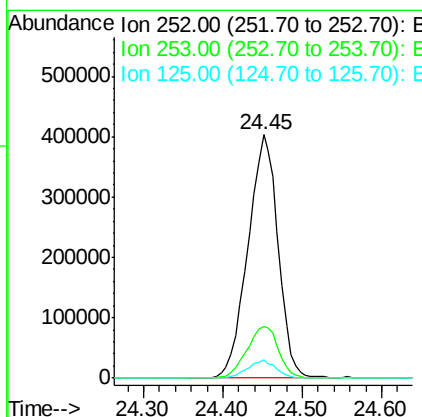
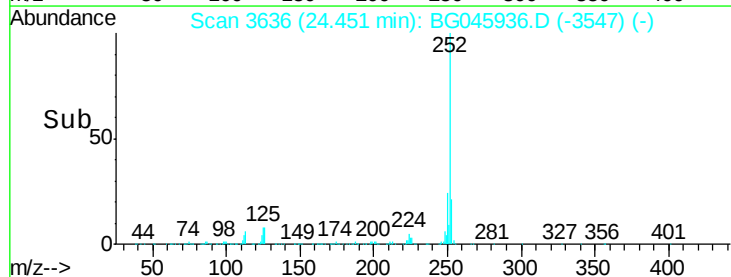
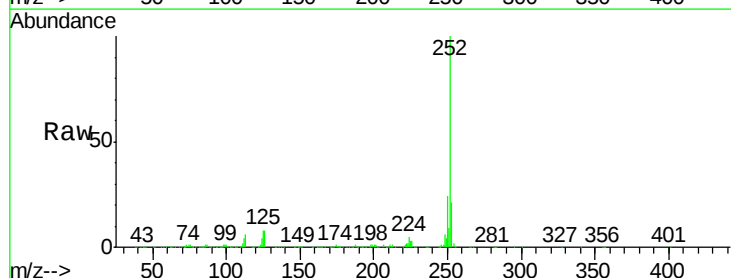
Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

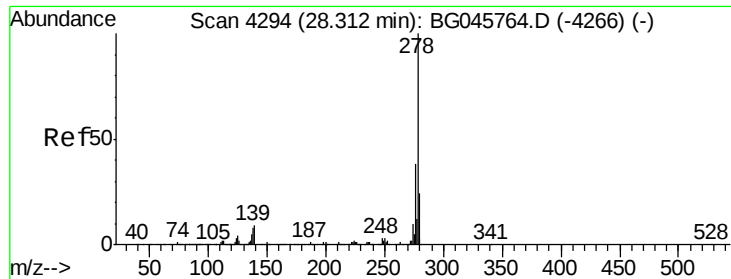
Tot Ion:252 Resp: 1126442
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 6.4 5.2 7.8



#90
Benzo(a)pyrene
Concen: 52.057 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.01 min
Lab File: BG045936.D
Acq: 3 Jul 2020 6:47

Tgt Ion:252 Resp: 1068764
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 7.7 5.4 8.0





#91

Dibenzo(a,h)anthracene

Concen: 54.232 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

Instrument :

BNA_G

ClientSampleId :

MH-1-COMPMSD

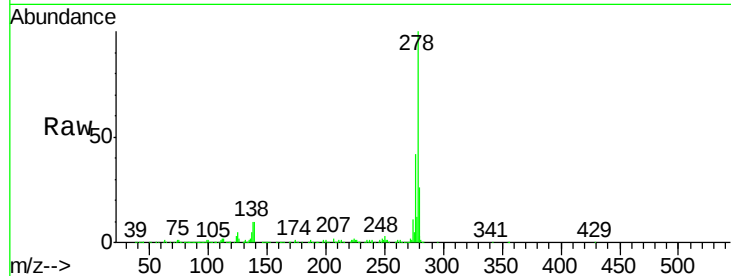
Tot Ion:278 Resp: 1105135

Ion Ratio Lower Upper

278 100

139 9.7 7.8 11.8

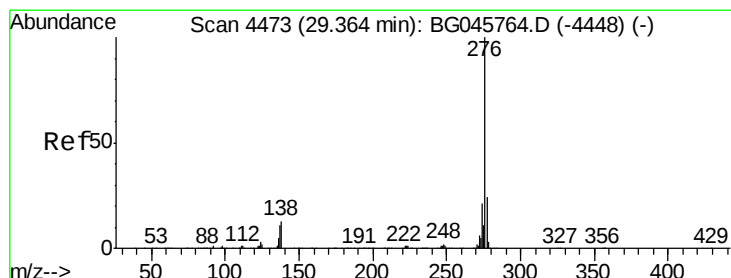
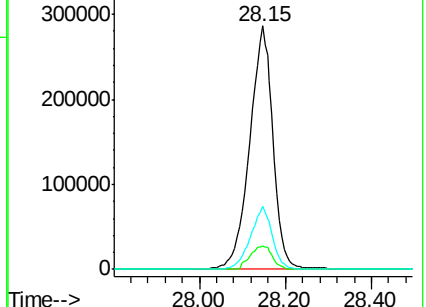
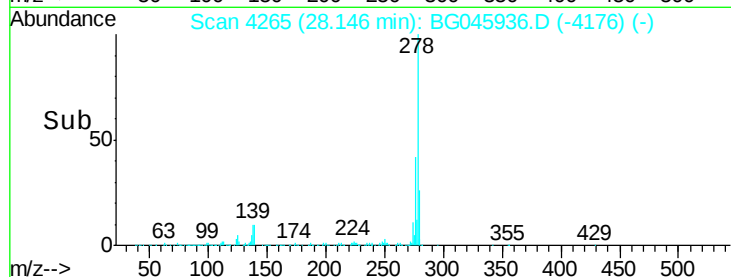
279 25.8 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.187 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.01 min

Lab File: BG045936.D

Acq: 3 Jul 2020 6:47

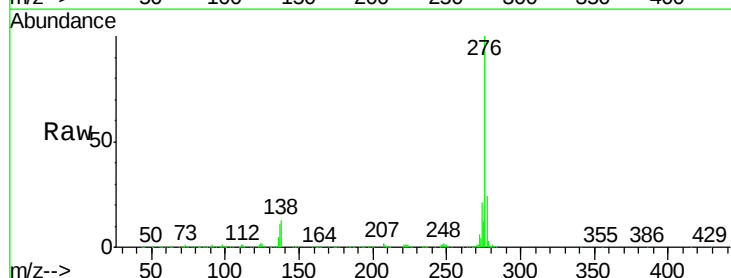
Tgt Ion:276 Resp: 1084842

Ion Ratio Lower Upper

276 100

277 24.4 18.2 27.2

138 12.7 10.1 15.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

