

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045514.D
 Acq On : 29 May 2020 5:47
 Operator : CG/JU
 Sample : L2757-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP4

Quant Time: May 29 06:35:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	76025	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	321311	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	250832	20.00	ng	0.01
64) Phenanthrene-d10	17.36	188	413356	20.00	ng	0.00
76) Chrysene-d12	21.61	240	394301	20.00	ng	0.00
87) Perylene-d12	24.76	264	431033	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	533093	137.04	ng	0.00
7) Phenol-d6	7.19	99	680061	122.82	ng	0.03
23) Nitrobenzene-d5	9.14	82	809394	137.37	ng	0.02
42) 2,4,6-Tribromophenol	16.11	330	423093	131.89	ng	0.01
45) 2-Fluorobiphenyl	13.24	172	1338474	90.51	ng	0.02
79) Terphenyl-d14	19.97	244	1891247	111.87	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	7.10	77	11486	3.184	ng	# 1
10) Phenol	7.21	94	1255903	220.084	ng	# 97
15) Benzyl Alcohol	8.27	79	93911	20.532	ng	# 53
17) 2-Methylphenol	8.47	107	1625104	380.475	ng	# 97
19) n-Nitroso-di-n-propylamine	8.72	70	12311	3.215	ng	# 54
20) 3+4-Methylphenols	8.82	107	3281223	564.140	ng	# 89
22) Acetophenone	8.79	105	242185	31.802	ng	# 21
24) Nitrobenzene	9.10	77	159378	25.247	ng	# 1
26) 2-Nitrophenol	9.89	139	12502	4.629	ng	# 1
27) 2,4-Dimethylphenol	10.00	122	1483077	370.274	ng	# 97
28) bis(2-Chloroethoxy)methane	10.26	93	29683	4.878	ng	# 1
29) 2,4-Dichlorophenol	10.43	162	20039	4.237	ng	# 35
31) Naphthalene	10.83	128	195531	13.059	ng	# 98
32) Benzoic acid	10.00	122	1483077	440.773	ng	# 18
36) 4-Chloro-3-methylphenol	12.11	107	73942	13.873	ng	# 21
37) 2-Methylnaphthalene	12.43	142	80275	7.193	ng	# 93
38) 1-Methylnaphthalene	12.65	142	51687	4.903	ng	# 91
46) 1,1'-Biphenyl	13.08	154	342275	22.208	ng	# 55
47) 2-Chloronaphthalene	13.53	162	43077	3.442	ng	# 56
48) 2-Nitroaniline	13.79	65	179307	43.554	ng	# 28
49) Acenaphthylene	14.33	152	394598	19.629	ng	# 77
50) Dimethylphthalate	14.10	163	175433	10.196	ng	# 26
51) 2,6-Dinitrotoluene	14.22	165	10872	2.800	ng	# 1
53) 3-Nitroaniline	14.54	138	136670	34.626	ng	# 4
54) 2,4-Dinitrophenol	14.70	184	18452	12.219	ng	# 58
55) Dibenzofuran	14.82	168	1220716	61.087	ng	# 87
56) 4-Nitrophenol	14.91	139	22108	7.398	ng	# 1
57) 2,4-Dinitrotoluene	14.96	165	24236	4.310	ng	# 1
60) Diethylphthalate	15.42	149	49782	2.780	ng	# 78
62) 4-Nitroaniline	15.77	138	13610	3.303	ng	# 96
63) Azobenzene	16.00	77	86631	5.188	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	29012	6.482	ng	# 1

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QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

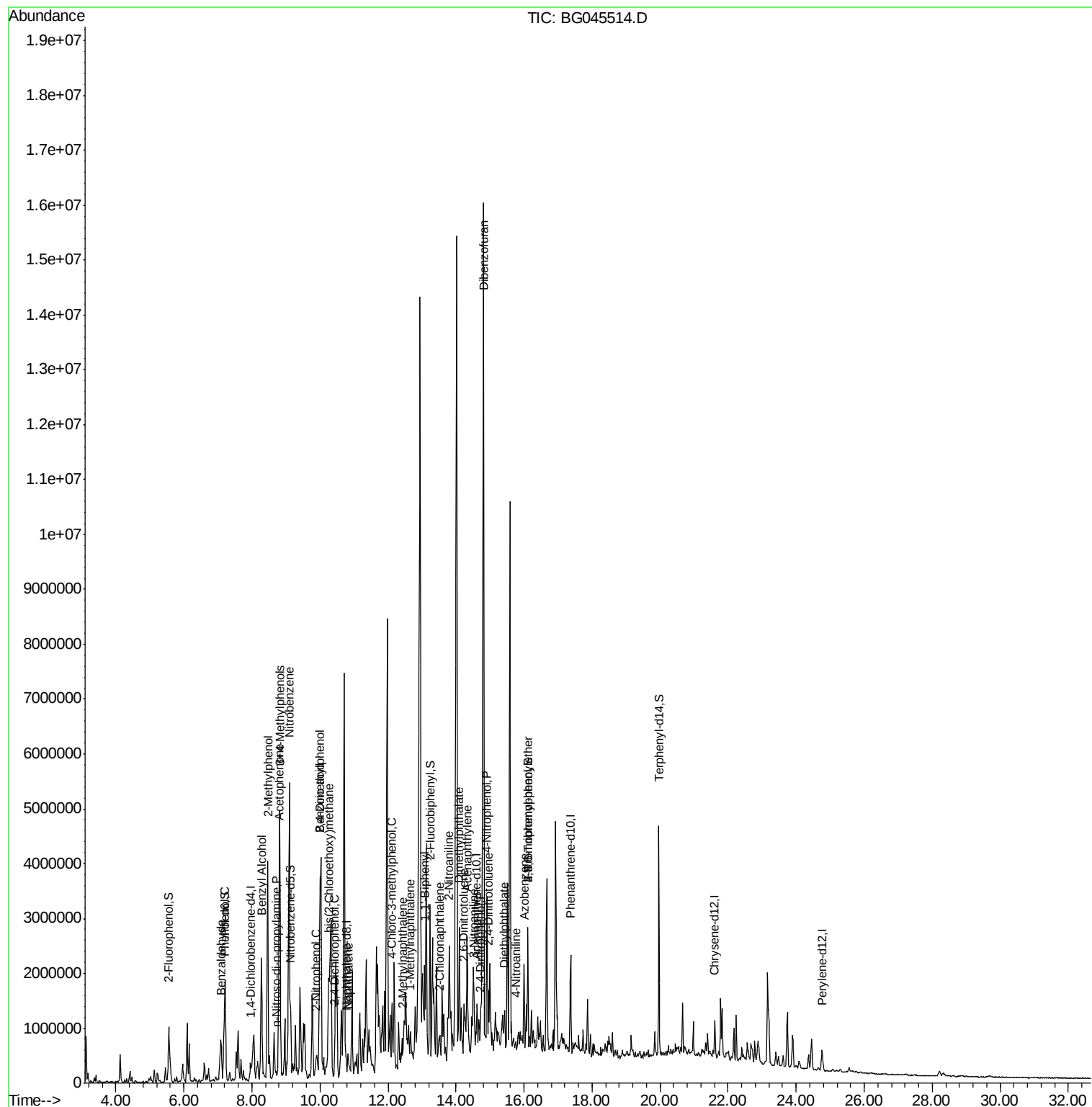
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

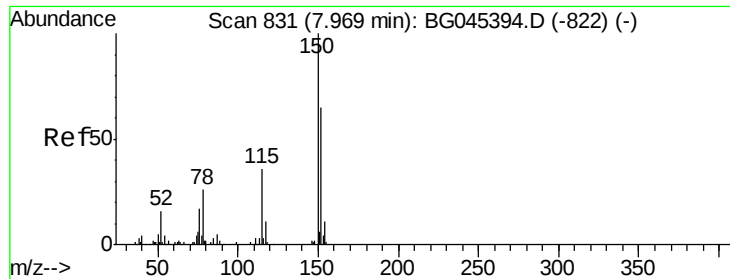
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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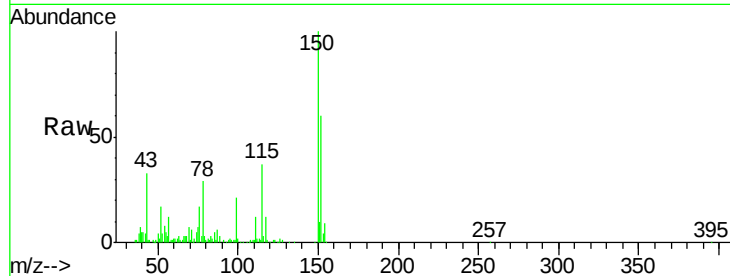


#1

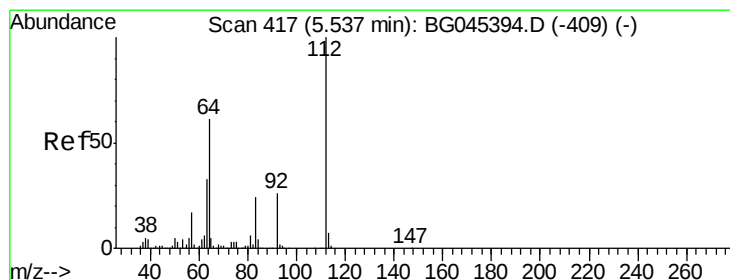
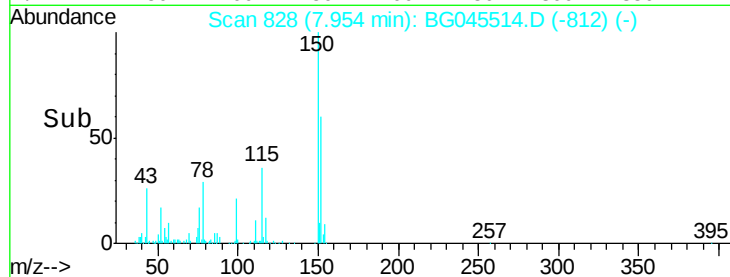
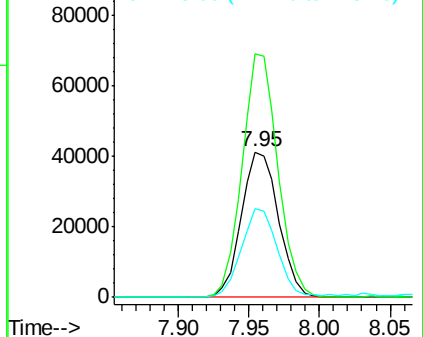
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.4	122.4	183.6
115	61.2	44.2	66.4



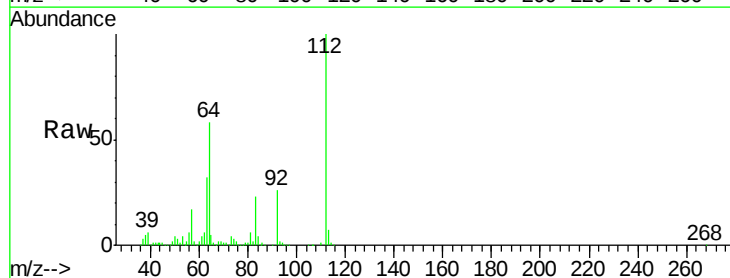
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



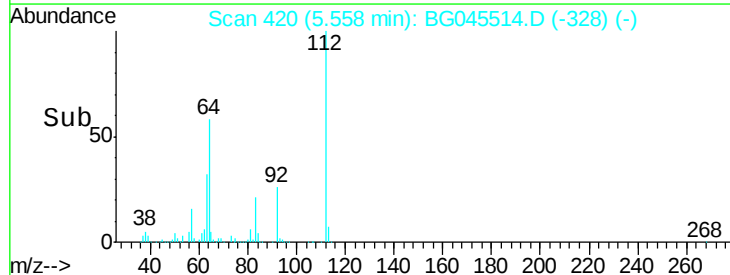
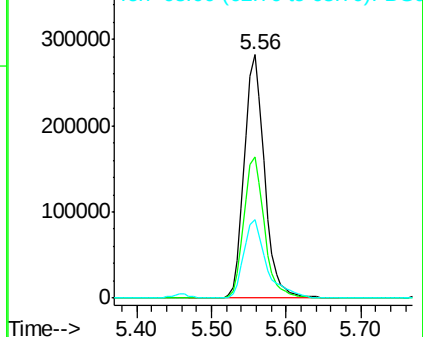
#5

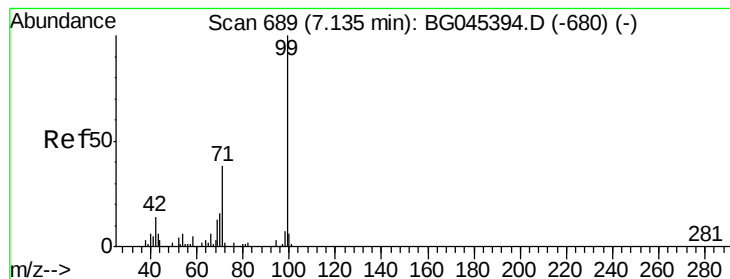
2-Fluorophenol
Concen: 137.037 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.01 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	48.6	72.8
63	32.2	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.825 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.03 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

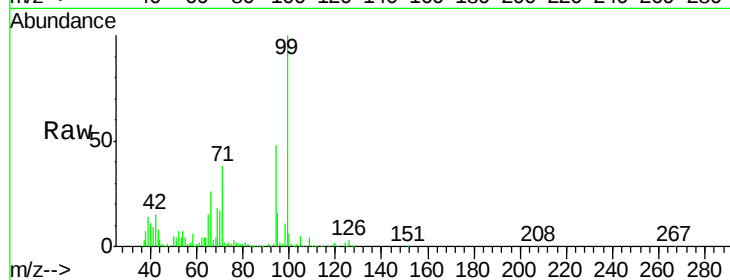
Tot Ion: 99 Resp: 680061

Ion Ratio Lower Upper

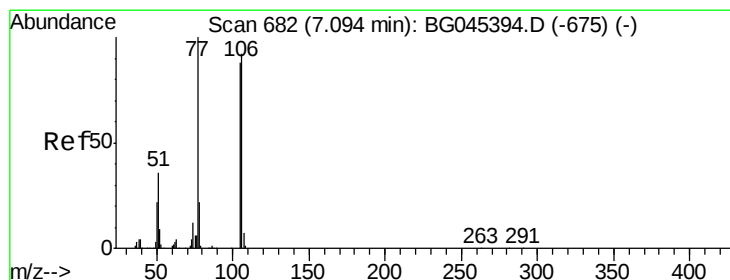
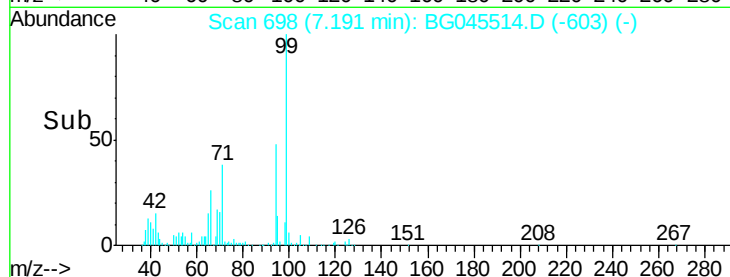
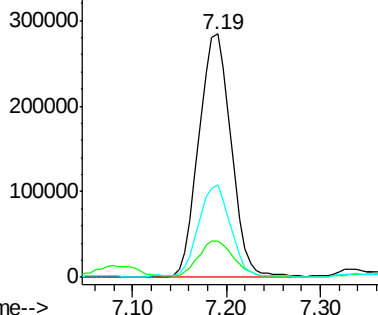
99 100

42 14.8 11.3 16.9

71 37.9 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 3.184 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

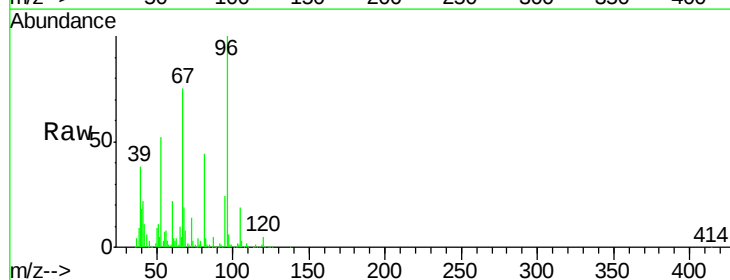
Tgt Ion: 77 Resp: 11486

Ion Ratio Lower Upper

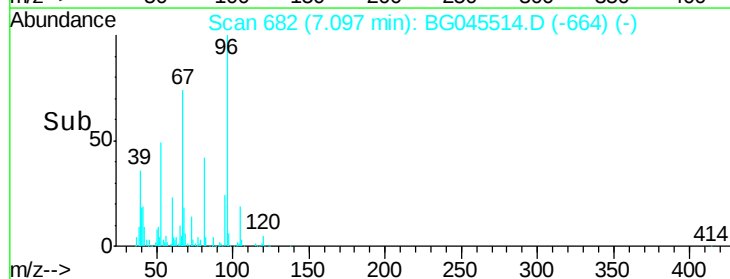
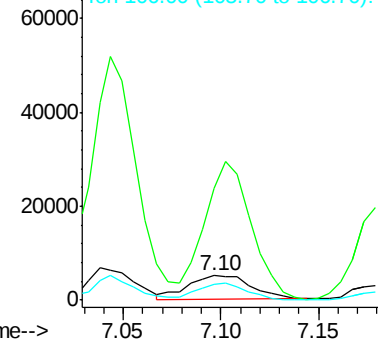
77 100

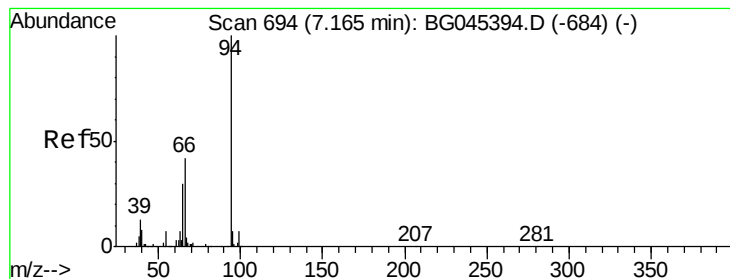
105 452.8 68.5 108.5#

106 63.3 71.6 111.6#



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: 220.084 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

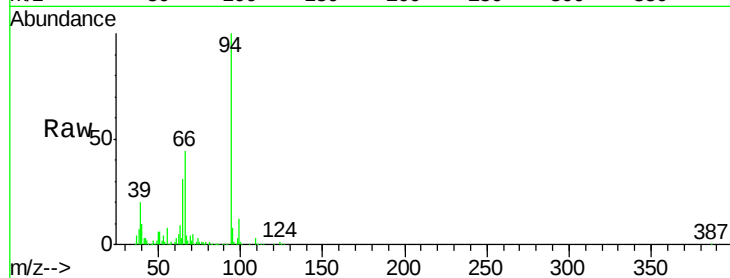
Tot Ion: 94 Resp: 1255903

Ion Ratio Lower Upper

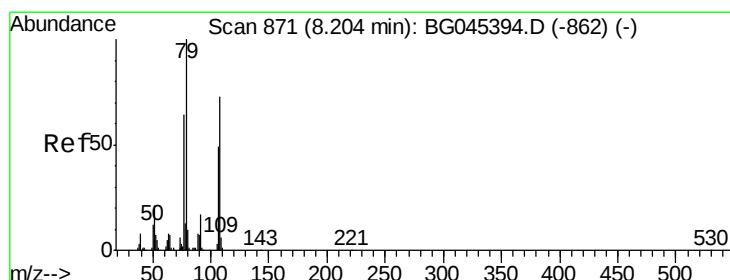
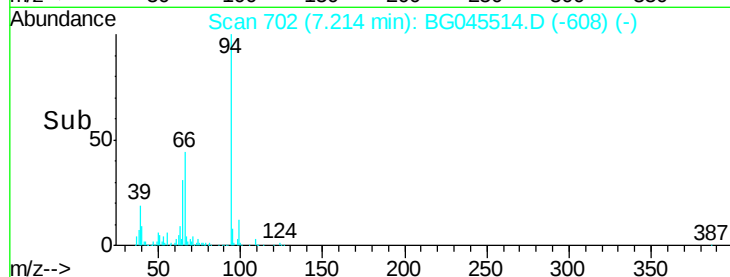
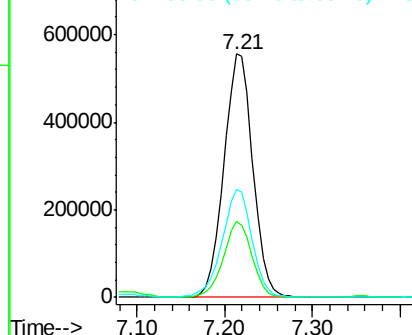
94 100

65 31.1 9.8 49.8

66 44.5 22.0 62.0



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



#15

Benzyl Alcohol

Concen: 20.532 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

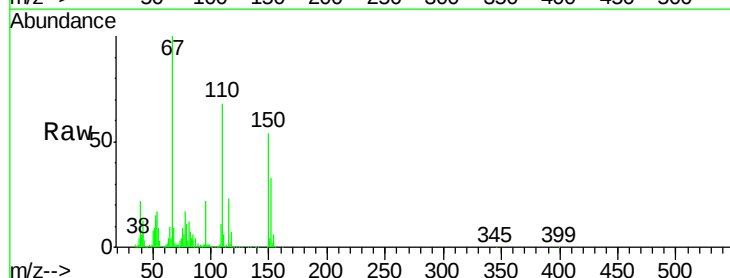
Tgt Ion: 79 Resp: 93911

Ion Ratio Lower Upper

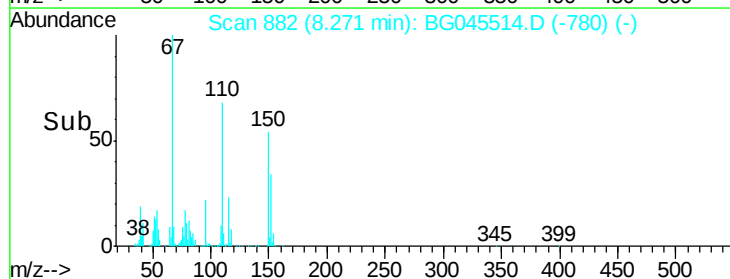
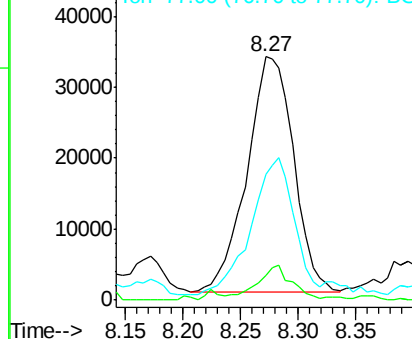
79 100

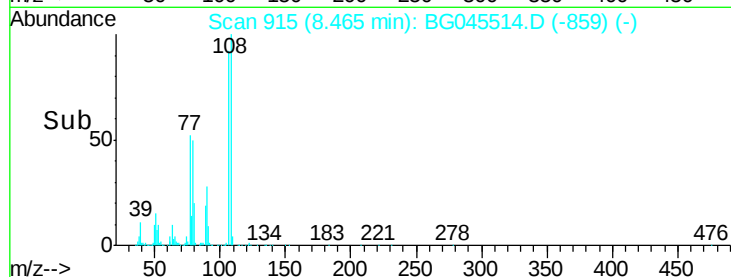
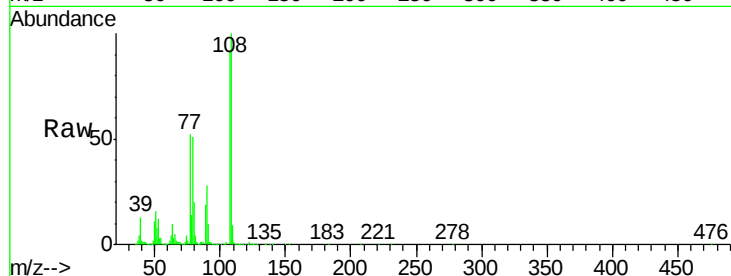
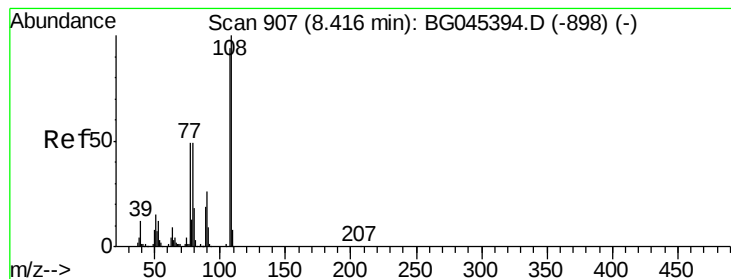
108 10.0 58.2 87.4#

77 51.7 51.0 76.4



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





#17

2-Methylphenol

Concen: 380.475 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.03 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

Tot Ion:107 Resp: 1625104

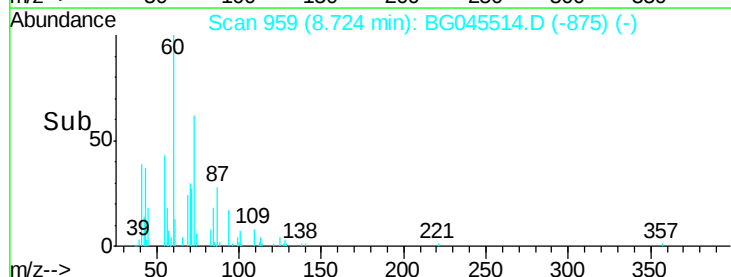
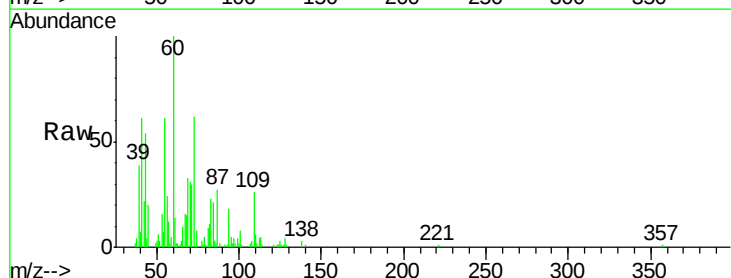
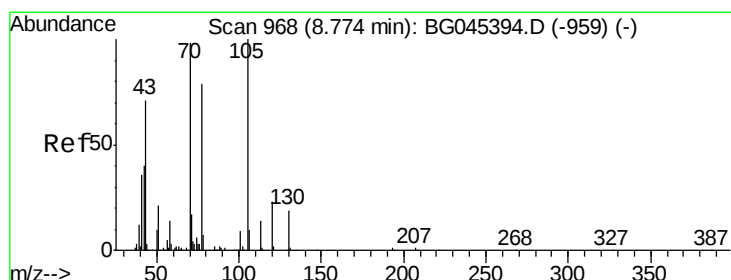
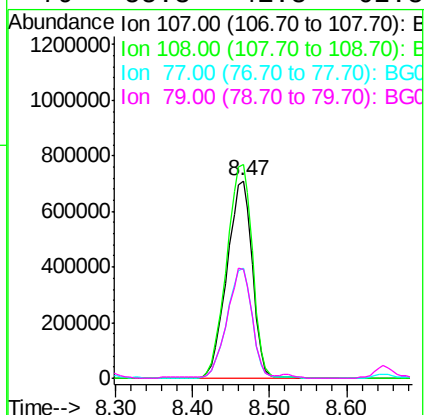
Ion Ratio Lower Upper

107 100

108 108.2 85.2 127.8

77 56.1 41.6 62.4

79 55.3 41.8 62.8



#19

n-Nitroso-di-n-propylamine

Concen: 3.215 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.04 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Tgt Ion: 70 Resp: 12311

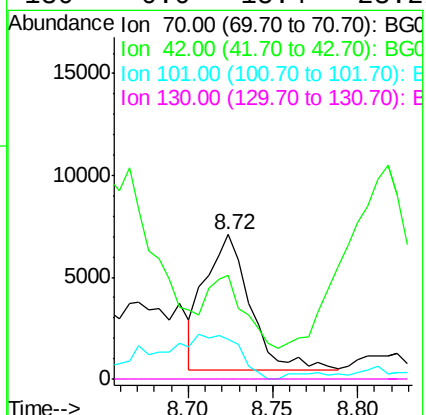
Ion Ratio Lower Upper

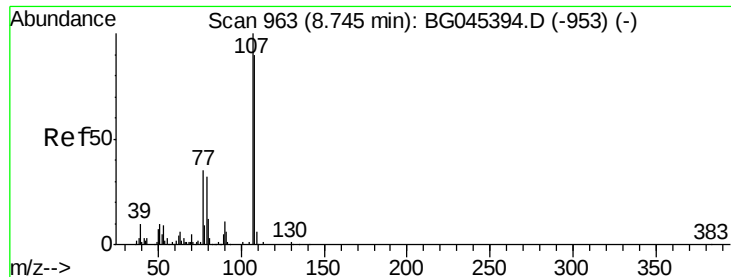
70 100

42 71.6 33.2 49.8#

101 27.3 7.8 11.6#

130 0.0 15.4 23.2#





#20

3+4-Methylphenols

Concen: 564.140 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.05 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

Tot Ion:107 Resp: 3281223

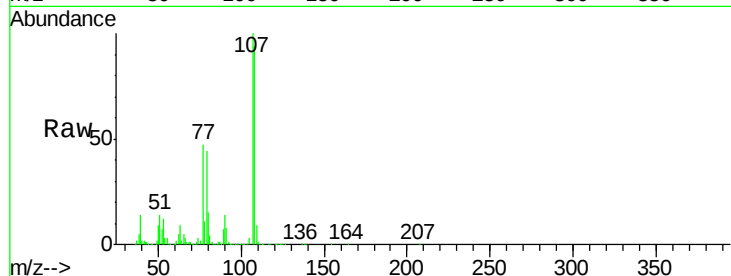
Ion Ratio Lower Upper

107 100

108 94.4 70.3 110.3

77 47.1 15.4 55.4

79 44.4 12.6 52.6

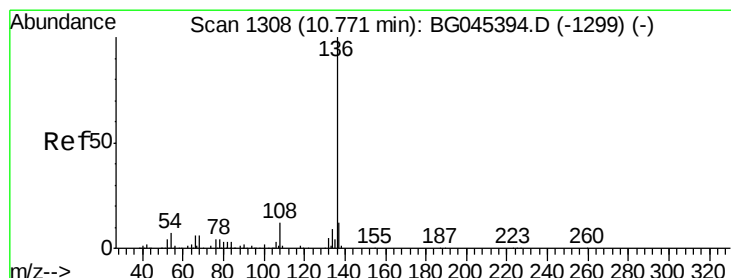
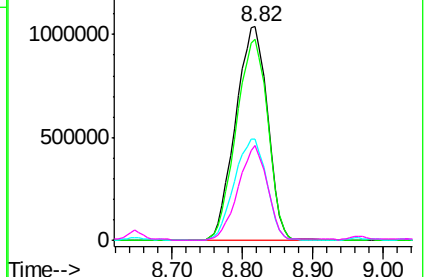
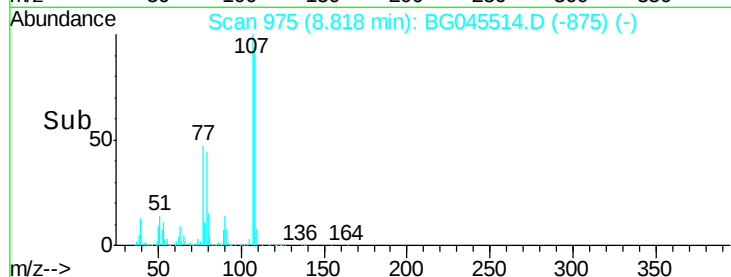


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Tgt Ion:136 Resp: 321311

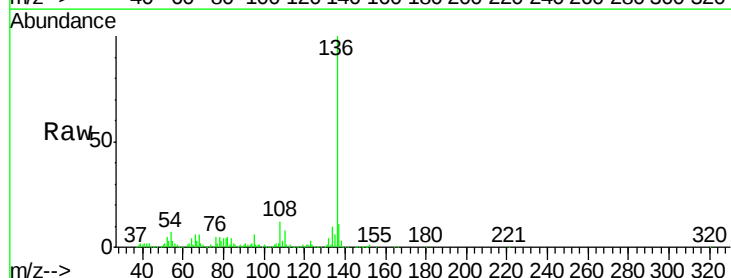
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.2

54 7.0 5.8 8.6

68 6.3 4.5 6.7

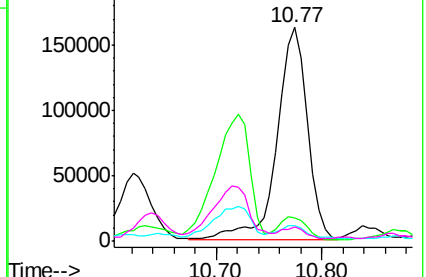
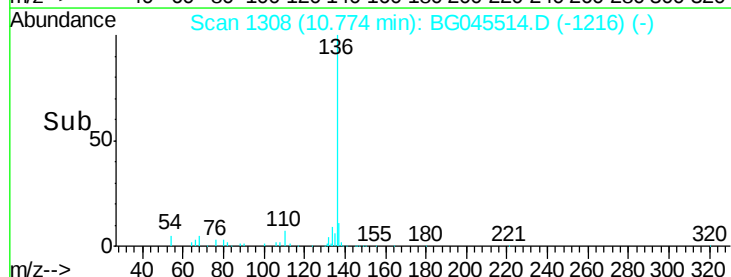


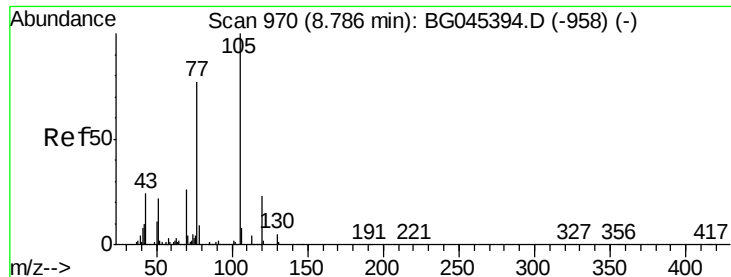
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 31.802 ng

RT: 8.79 min Scan# 971

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

Tot Ion:105 Resp: 242185

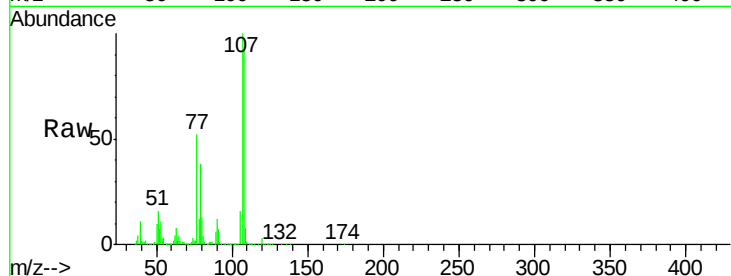
Ion Ratio Lower Upper

105 100

71 1.2 3.4 5.0#

51 103.3 18.2 27.2#

120 20.7 18.6 27.8

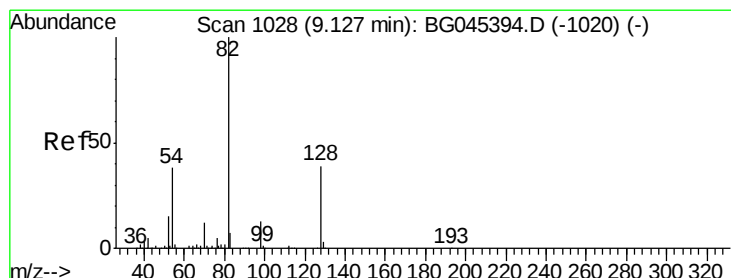
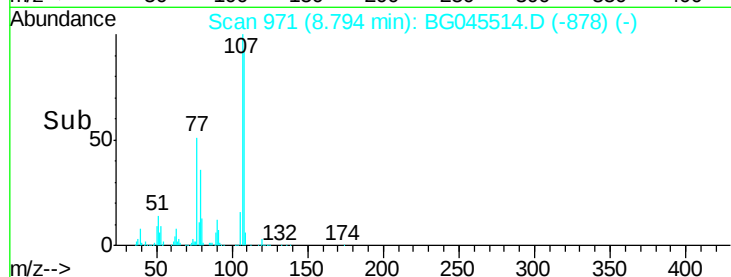
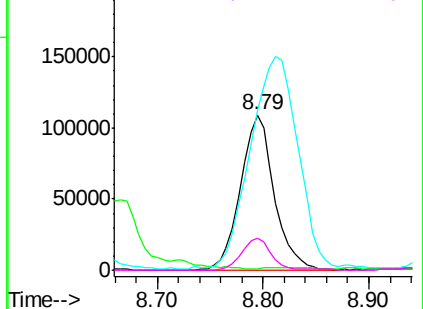


Abundance Ion 105.00 (104.70 to 105.70): E

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: 137.367 ng

RT: 9.14 min Scan# 1029

Delta R.T. 0.02 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

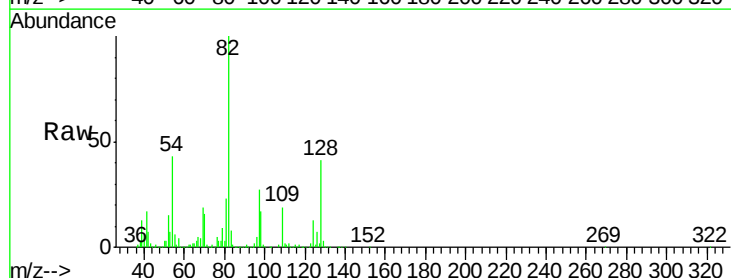
Tgt Ion: 82 Resp: 809394

Ion Ratio Lower Upper

82 100

128 41.1 30.9 46.3

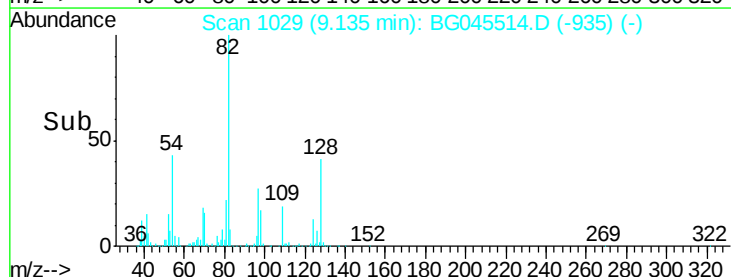
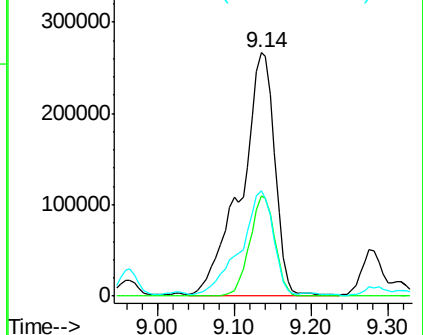
54 43.2 30.3 45.5

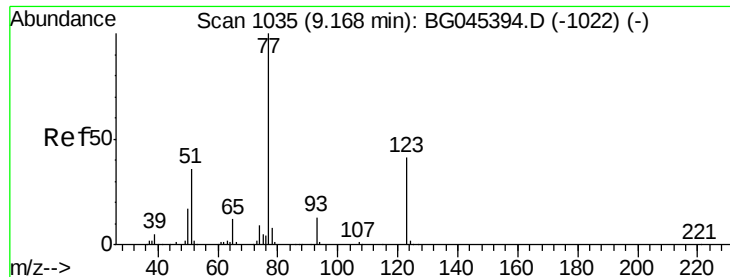


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

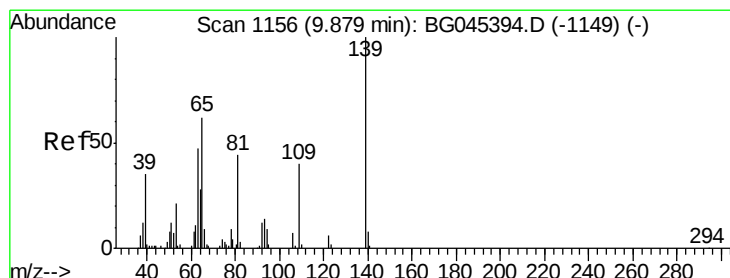
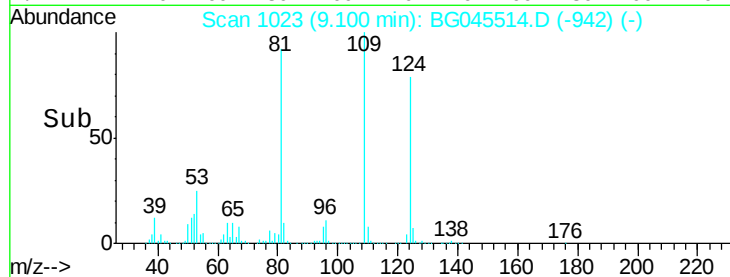
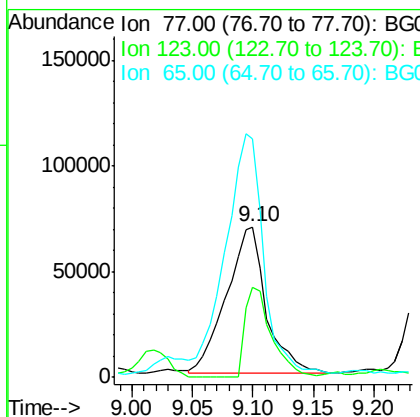
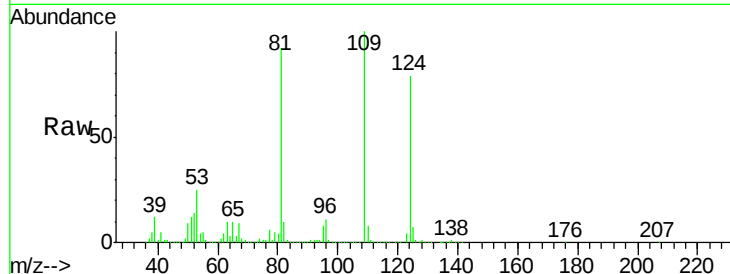




#24
 Nitrobenzene
 Concen: 25.247 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.06 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

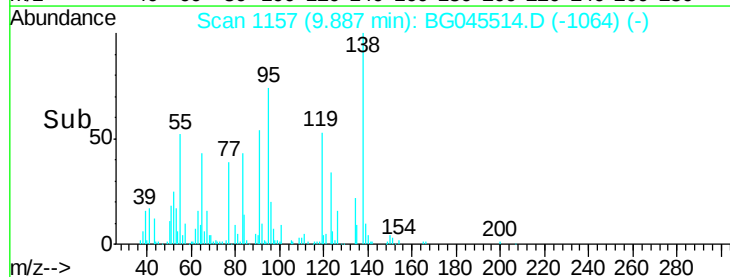
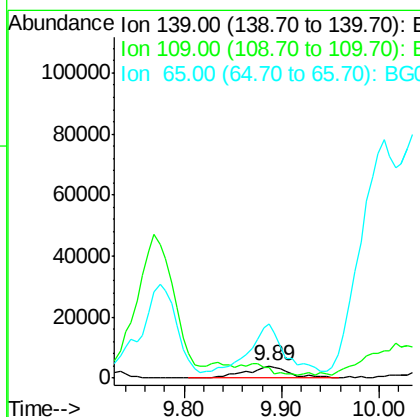
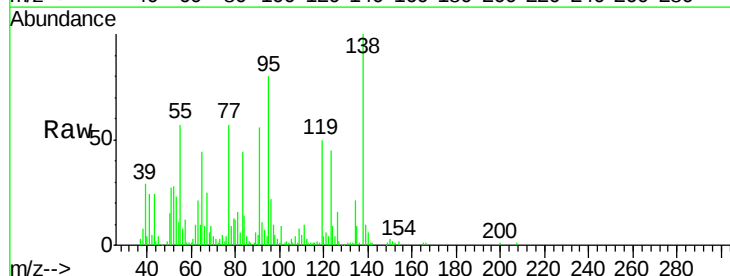
Instrument :
 BNA_G
 ClientSampleId :
 C0AP4

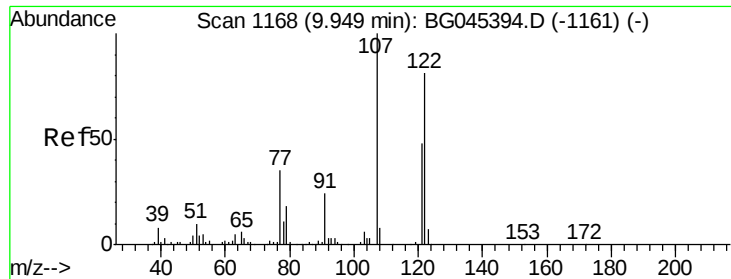
Tot Ion	77	123	65	Ratio	Lower	Upper
77	100					
123	60.2	32.9			49.3#	
65	158.7	9.4			14.2#	



#26
 2-Nitrophenol
 Concen: 4.629 ng
 RT: 9.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Tgt Ion	139	109	65	Ratio	Lower	Upper
139	100					
109	84.3	32.2			48.4#	
65	448.0	49.6			74.4#	



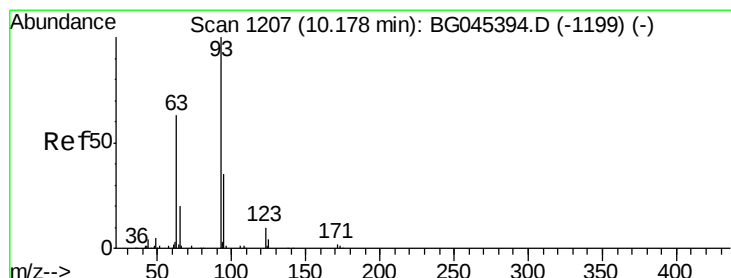
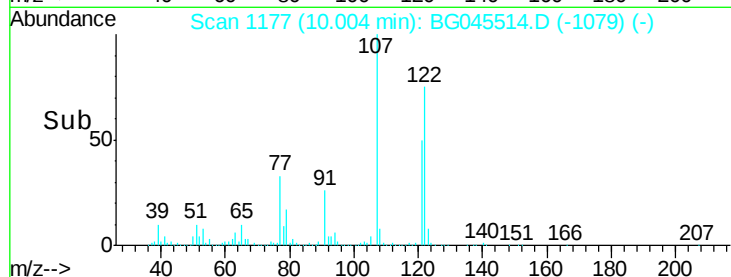
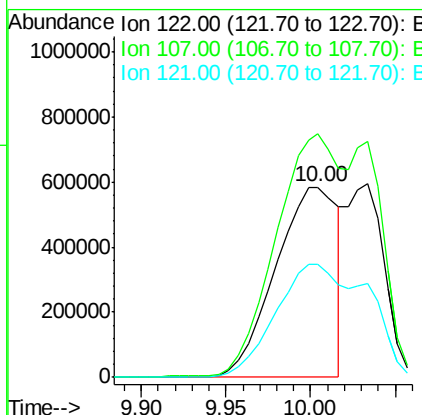
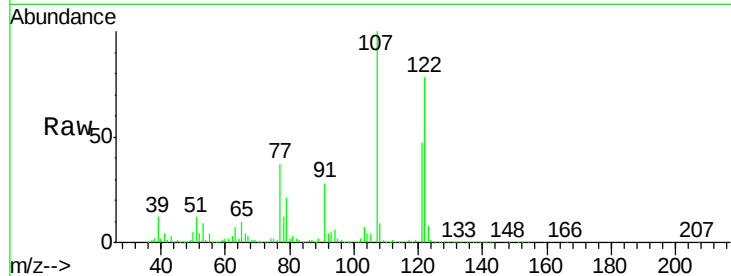


#27
 2,4-Dimethylphenol
 Concen: 370.274 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.04 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Instrument :
 BNA_G
 ClientSampled :
 C0AP4

Tot Ion:122 Resp: 1483077

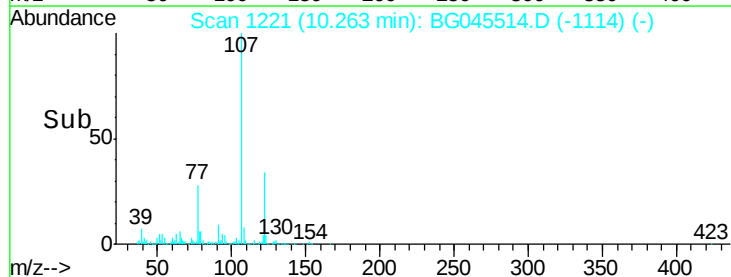
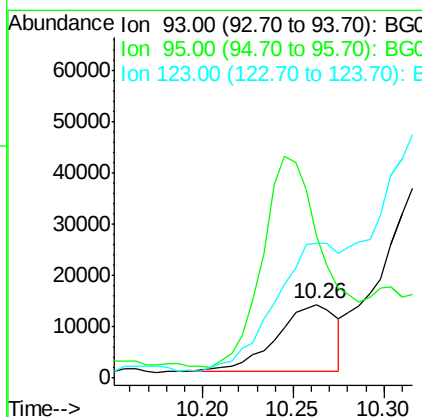
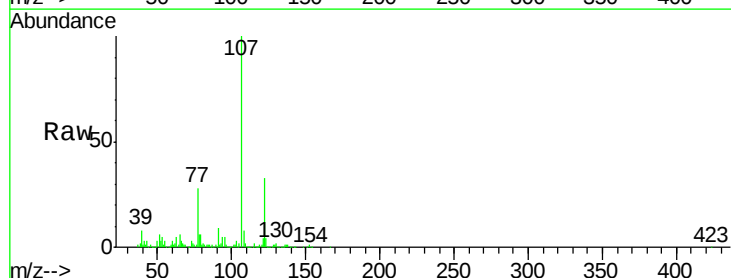
Ion	Ratio	Lower	Upper
122	100		
107	128.1	99.0	148.4
121	59.6	47.7	71.5

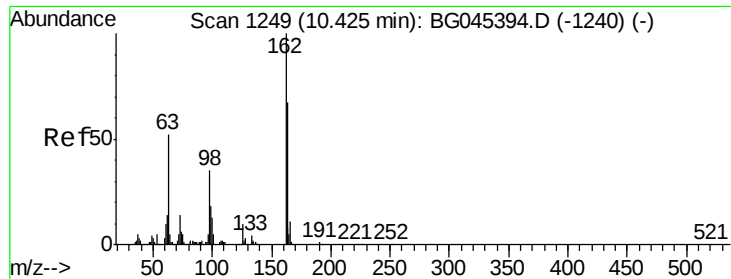


#28
 bis(2-Chloroethoxy)methane
 Concen: 4.878 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. 0.10 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Tgt Ion: 93 Resp: 29683

Ion	Ratio	Lower	Upper
93	100		
95	194.8	27.6	41.4#
123	183.0	8.1	12.1#





#29

2,4-Dichlorophenol

Concen: 4.237 ng

RT: 10.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

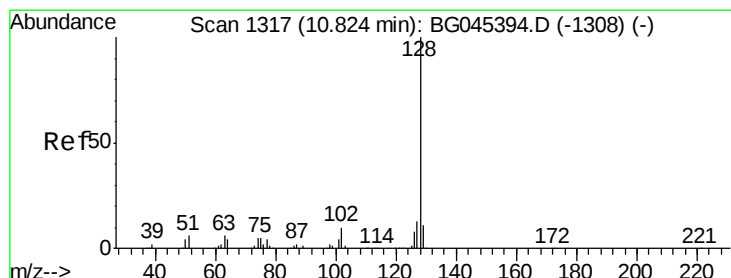
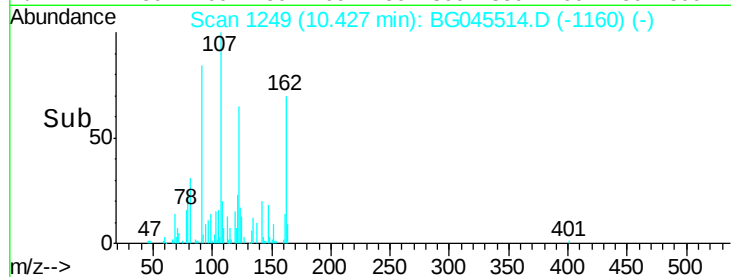
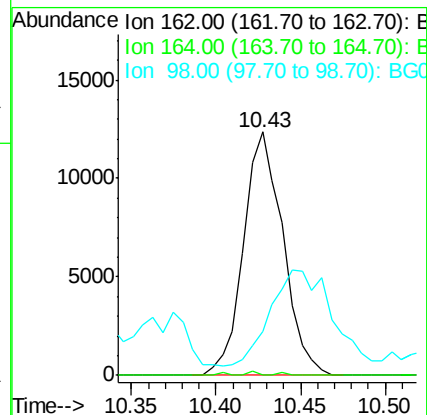
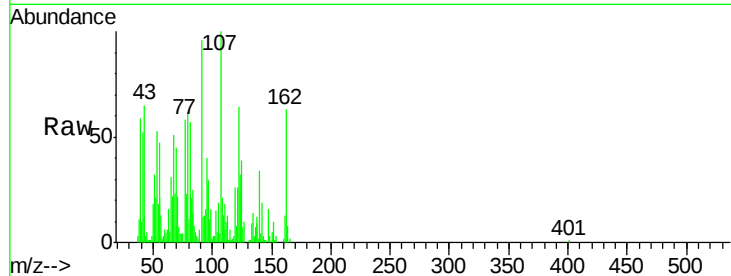
Tot Ion:162 Resp: 20039

Ion Ratio Lower Upper

162 100

164 0.0 46.8 86.8#

98 18.0 15.2 55.2



#31

Naphthalene

Concen: 13.059 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

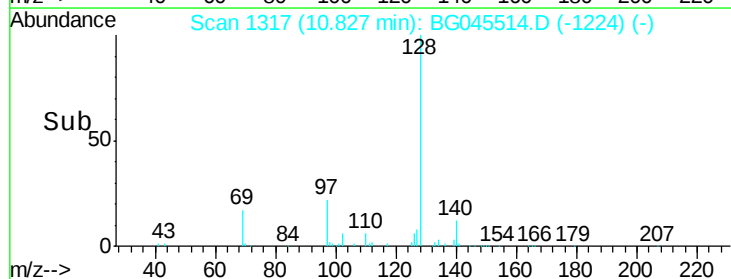
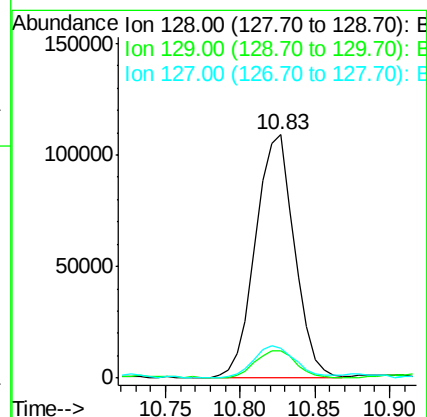
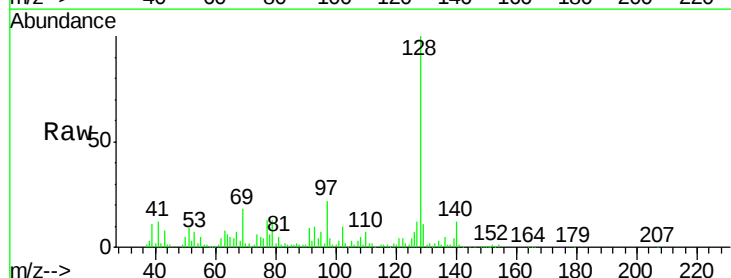
Tgt Ion:128 Resp: 195531

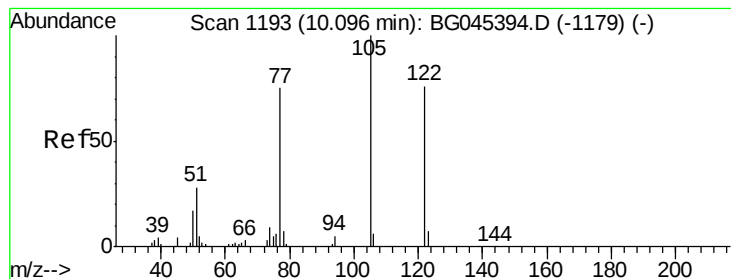
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 12.3 10.7 16.1





#32

Benzoic acid

Concen: 440.773 ng

RT: 10.00 min Scan# 1177

Delta R.T. -0.13 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

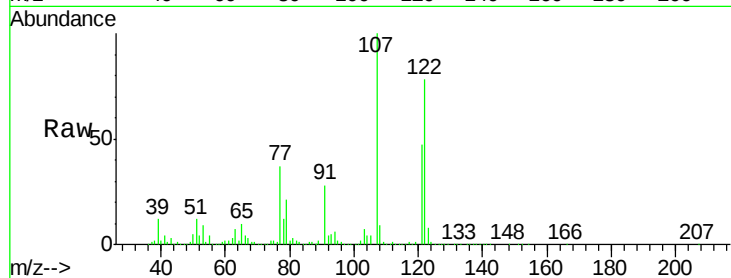
Tot Ion:122 Resp: 1483077

Ion Ratio Lower Upper

122 100

105 5.4 107.9 147.9#

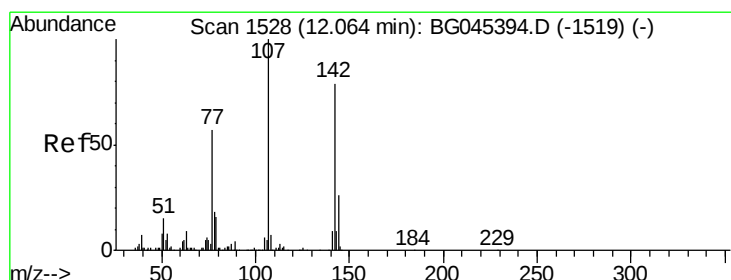
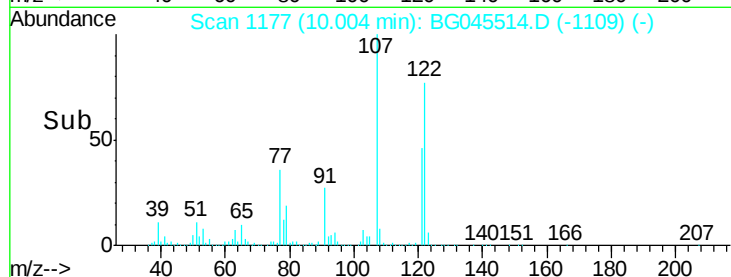
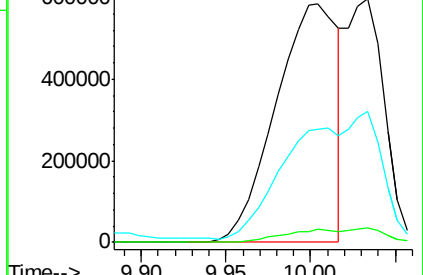
77 47.5 78.9 118.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 13.873 ng

RT: 12.11 min Scan# 1536

Delta R.T. 0.03 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

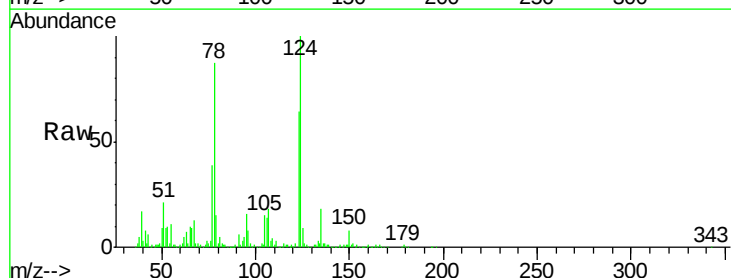
Tgt Ion:107 Resp: 73942

Ion Ratio Lower Upper

107 100

144 1.2 20.8 31.2#

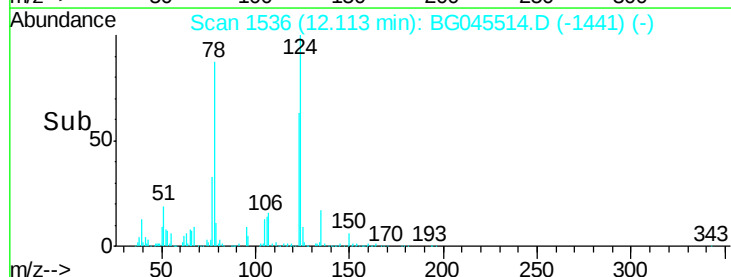
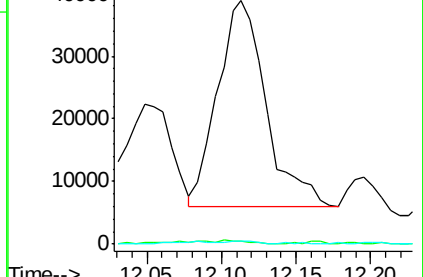
142 1.0 62.8 94.2#

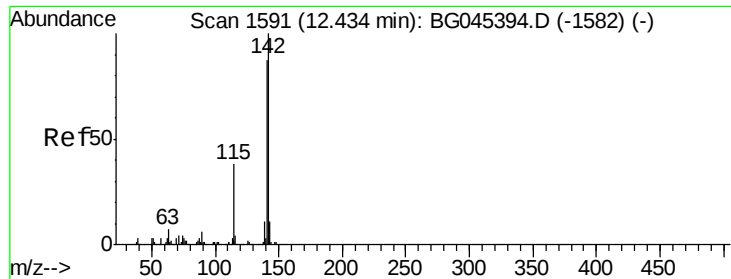


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

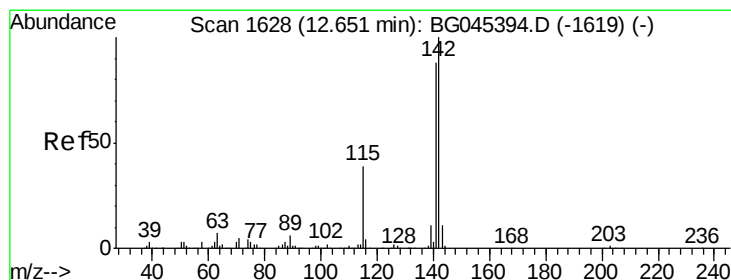
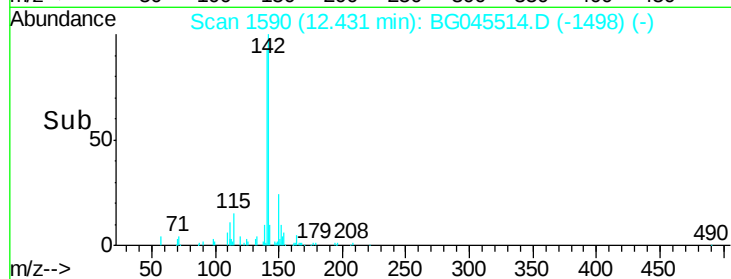
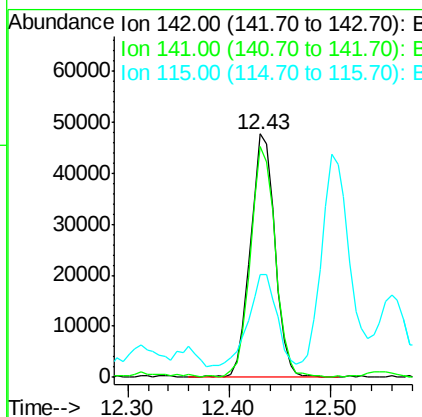
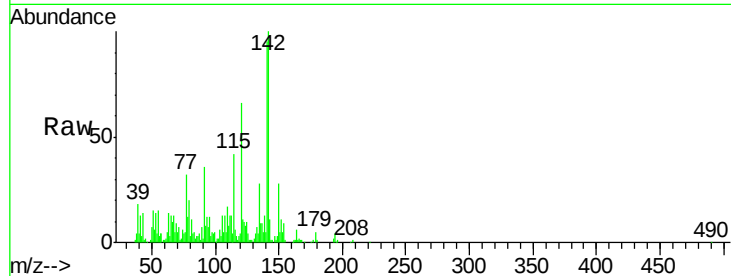




#37
2-Methylnaphthalene
Concen: 7.193 ng
RT: 12.43 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

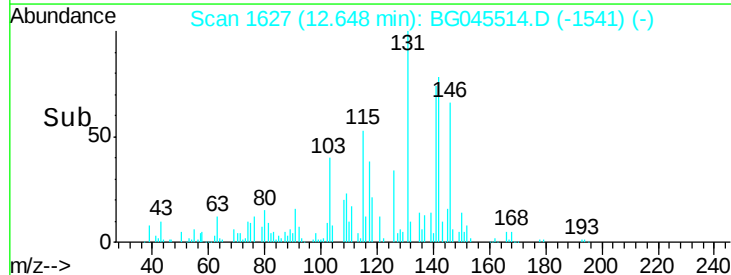
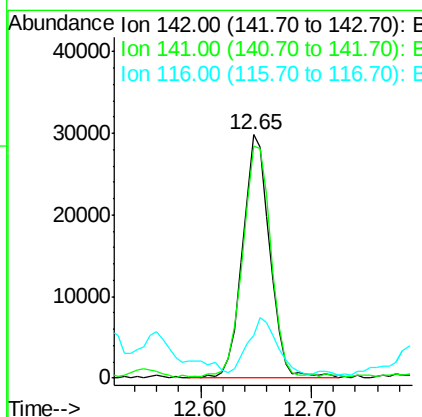
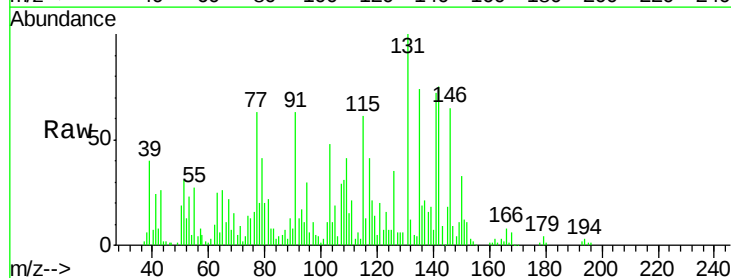
Instrument :
BNA_G
ClientSampleId :
C0AP4

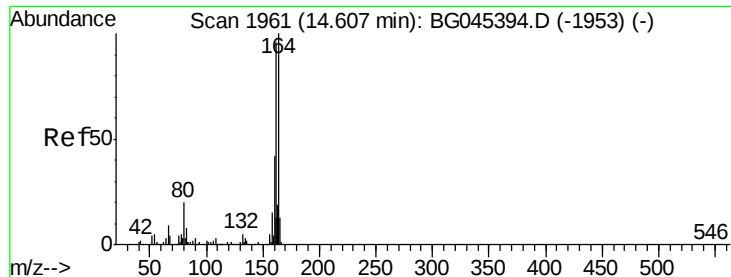
Tot Ion:142 Resp: 80275
Ion Ratio Lower Upper
142 100
141 94.5 70.0 105.0
115 42.2 30.8 46.2



#38
1-Methylnaphthalene
Concen: 4.903 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion:142 Resp: 51687
Ion Ratio Lower Upper
142 100
141 95.4 70.8 106.2
116 17.4 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

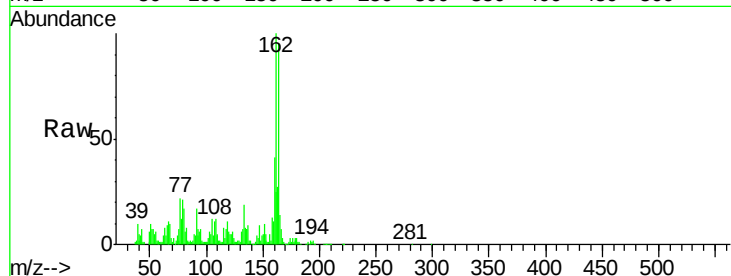
Tot Ion:164 Resp: 250832

Ion Ratio Lower Upper

164 100

162 104.8 76.9 115.3

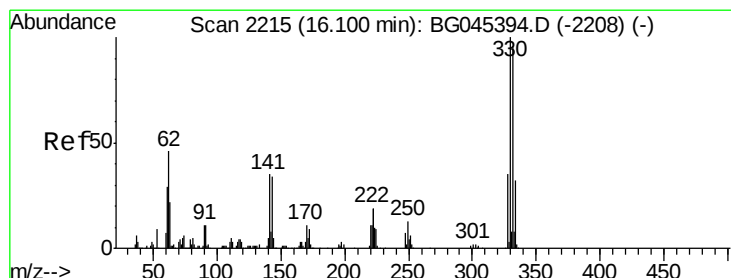
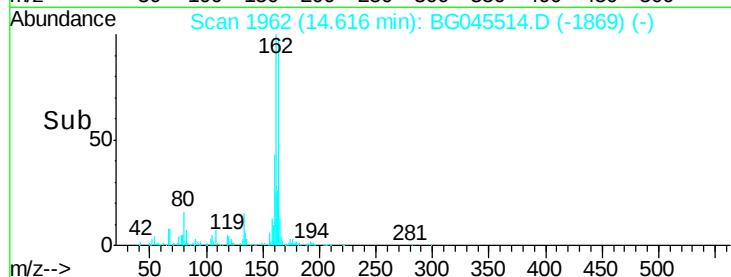
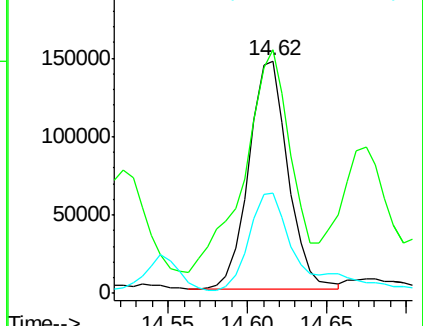
160 43.1 33.8 50.8



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



#42

2,4,6-Tribromophenol

Concen: 131.893 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

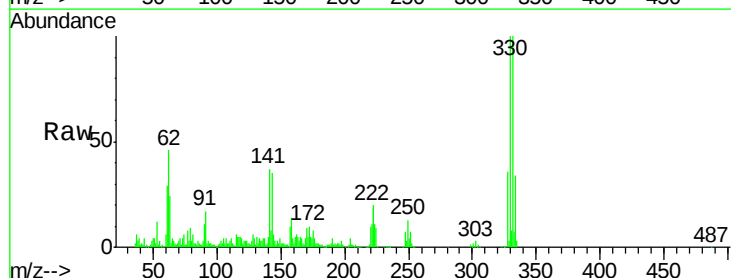
Tgt Ion:330 Resp: 423093

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.4

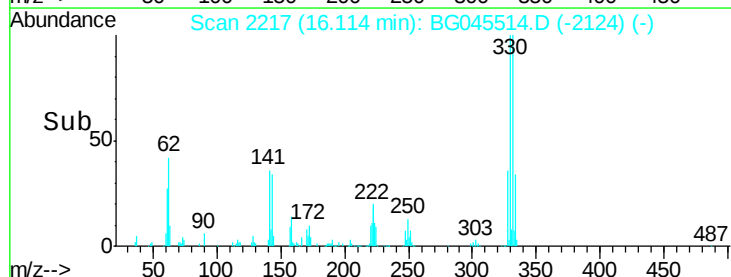
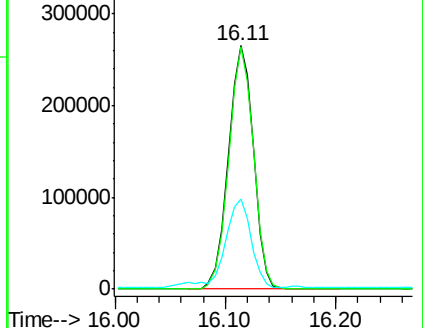
141 36.2 28.2 42.4

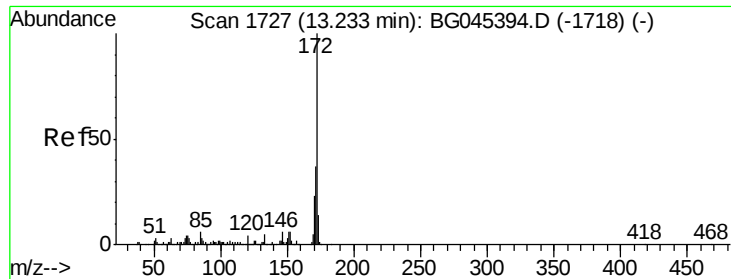


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



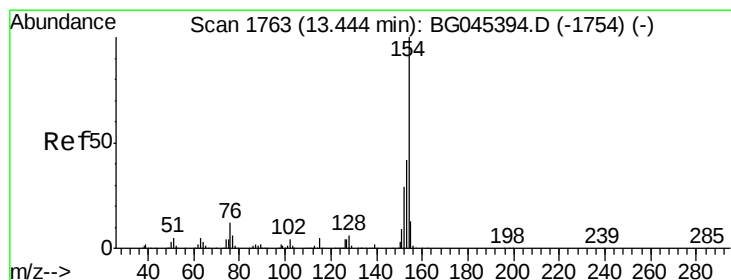
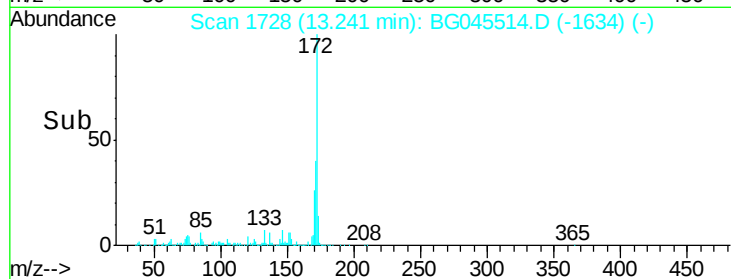
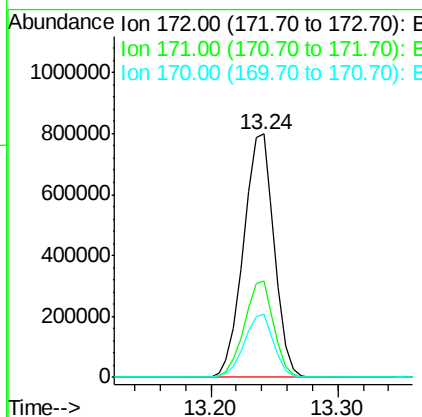
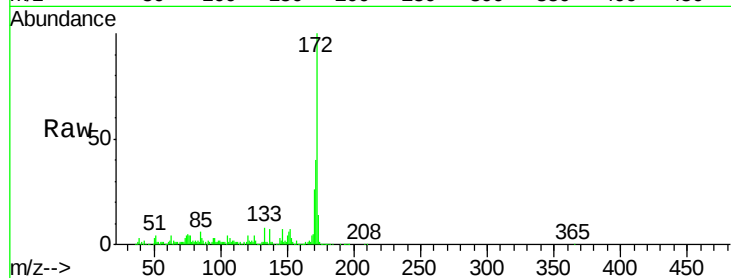


#45
 2-Fluorobiphenyl
 Concen: 90.512 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.02 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Instrument :
 BNA_G
 ClientSampleId :
 C0AP4

Tot Ion:172 Resp: 1338474

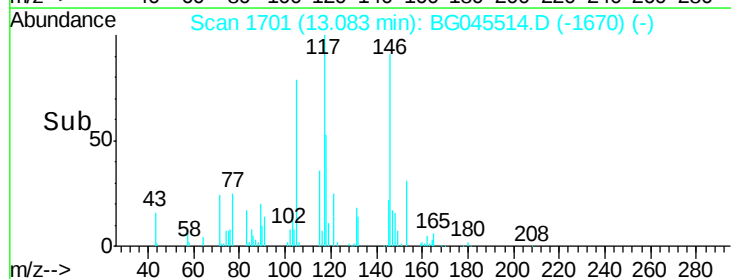
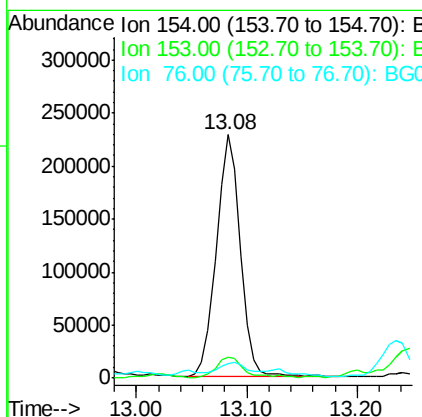
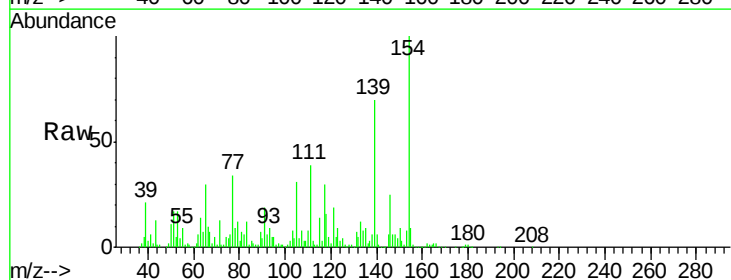
Ion	Ratio	Lower	Upper
172	100		
171	39.6	29.5	44.3
170	25.8	18.5	27.7

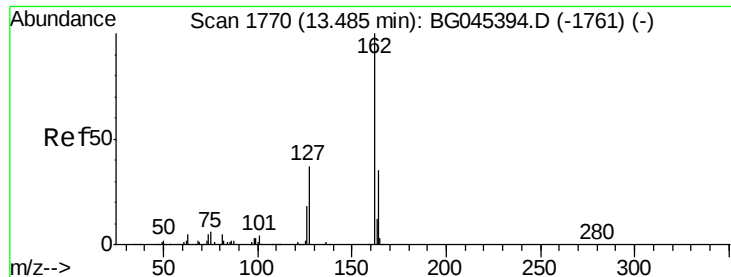


#46
 1,1'-Biphenyl
 Concen: 22.208 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.35 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Tgt Ion:154 Resp: 342275

Ion	Ratio	Lower	Upper
154	100		
153	8.5	22.2	62.2#
76	5.9	0.0	32.4

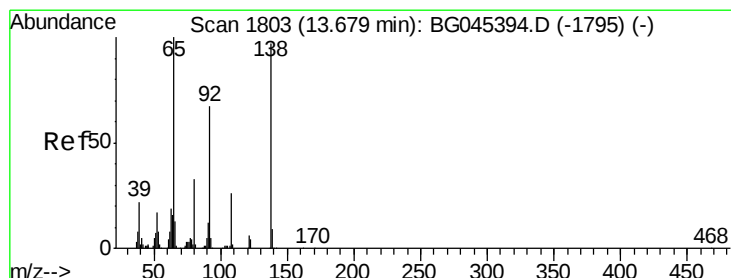
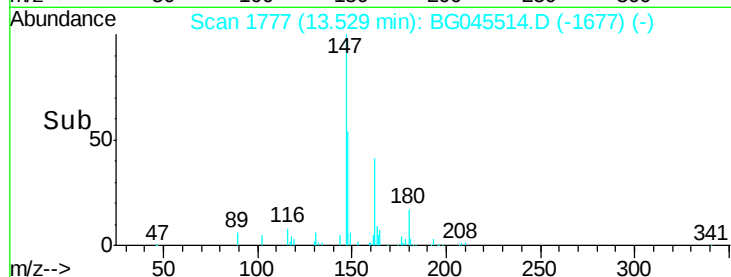
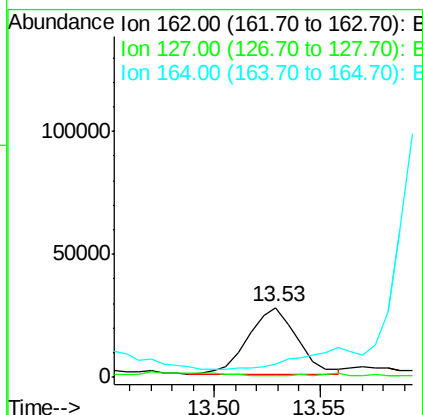
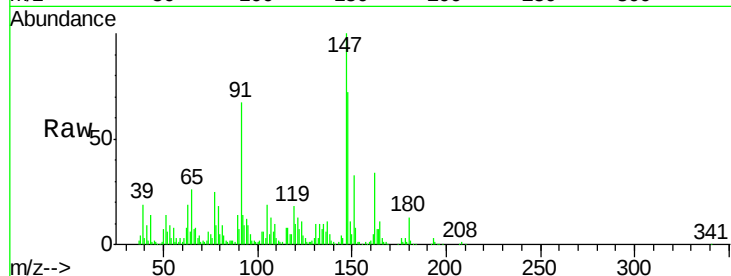




#47
2-Chloronaphthalene
Concen: 3.442 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.05 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

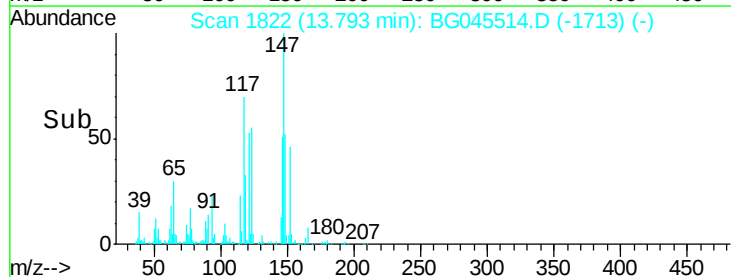
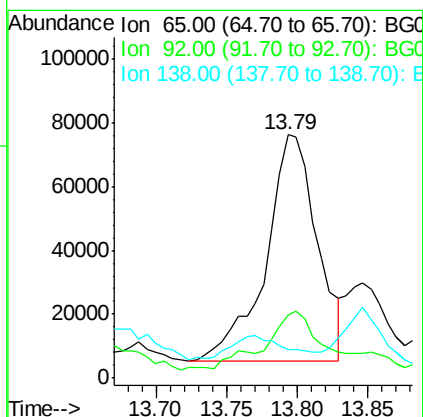
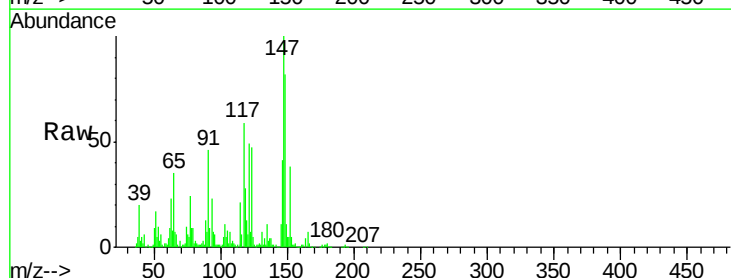
Instrument :
BNA_G
ClientSampled :
C0AP4

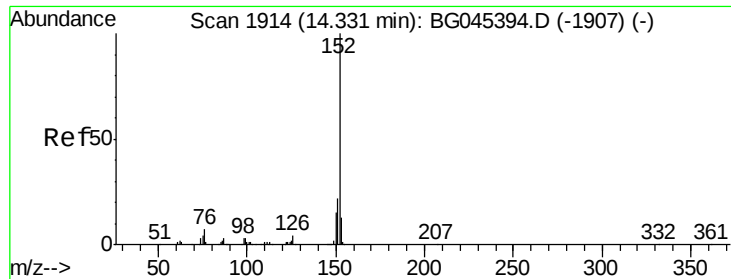
Tot Ion:162 Resp: 43077
Ion Ratio Lower Upper
162 100
127 2.9 31.6 47.4#
164 19.5 28.1 42.1#



#48
2-Nitroaniline
Concen: 43.554 ng
RT: 13.79 min Scan# 1822
Delta R.T. 0.11 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion: 65 Resp: 179307
Ion Ratio Lower Upper
65 100
92 25.9 53.8 80.8#
138 12.0 77.9 116.9#





#49

Acenaphthylene

Concen: 19.629 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

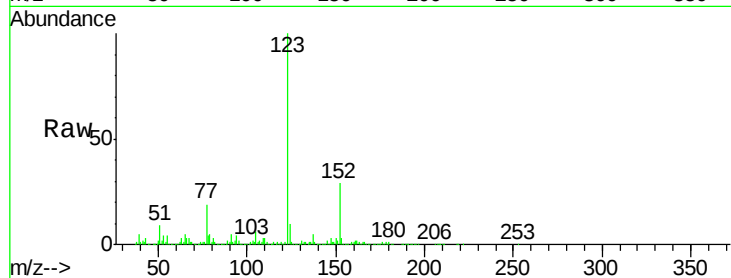
Tot Ion:152 Resp: 394598

Ion Ratio Lower Upper

152 100

151 5.7 17.4 26.2#

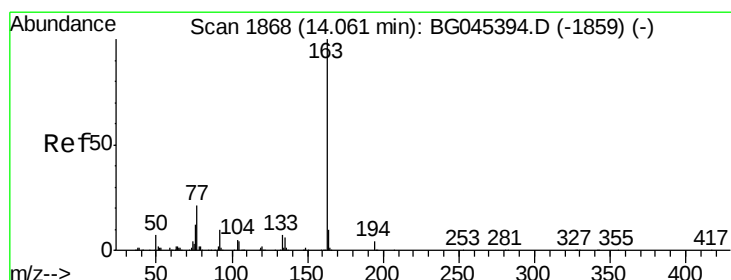
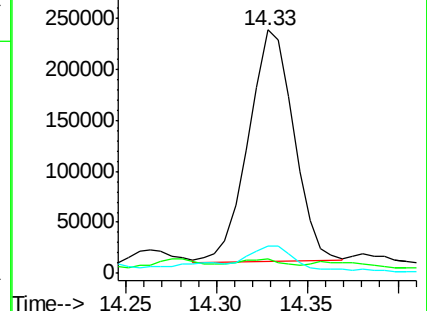
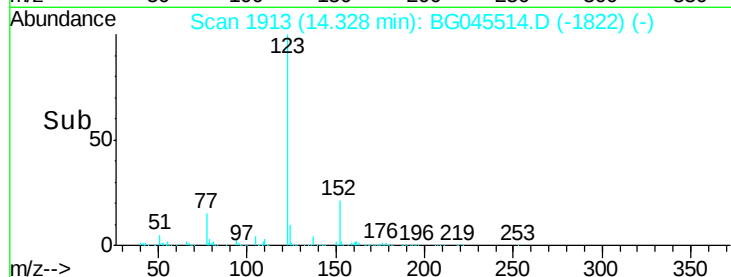
153 11.4 10.7 16.1



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: 10.196 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.04 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

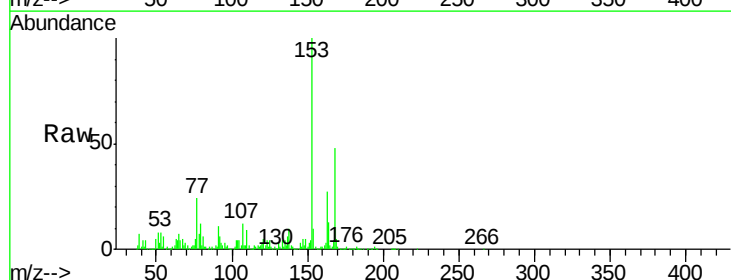
Tgt Ion:163 Resp: 175433

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

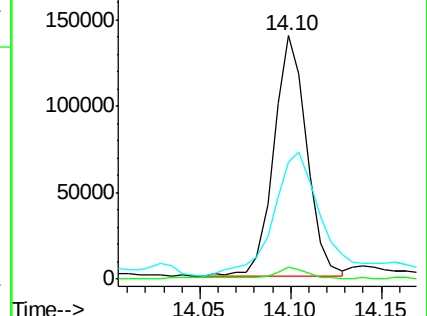
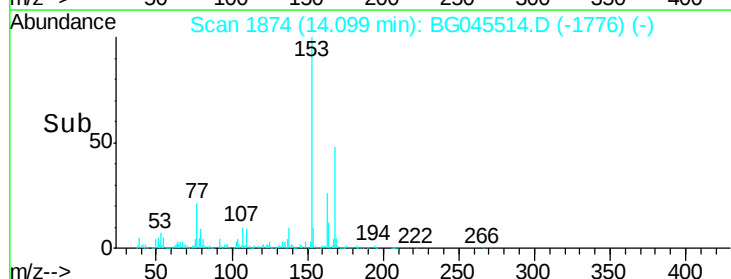
164 48.2 8.3 12.5#

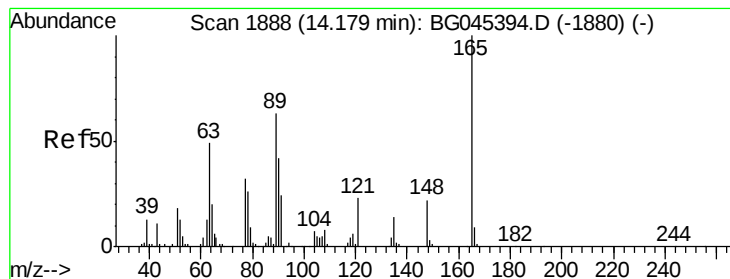


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 2.800 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.05 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

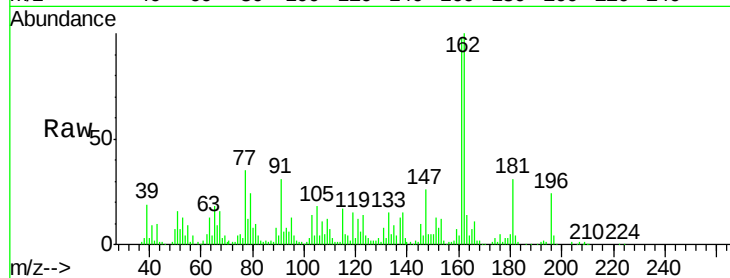
Tot Ion:165 Resp: 10872

Ion Ratio Lower Upper

165 100

63 180.1 45.0 67.4#

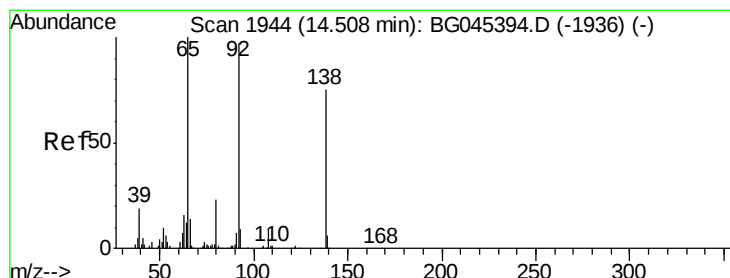
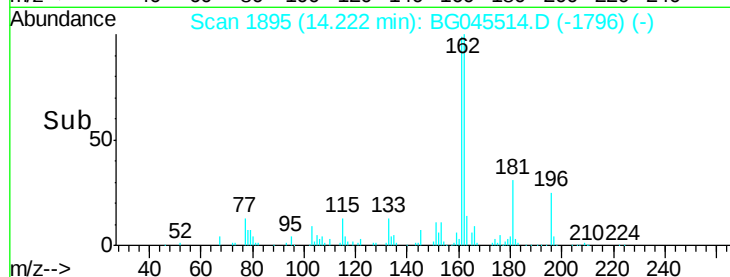
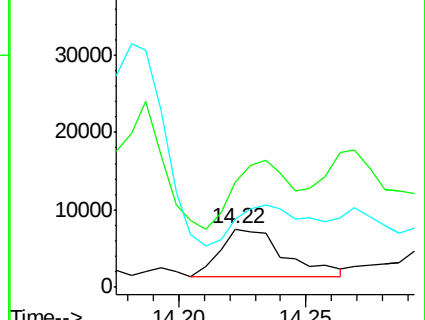
89 116.9 50.2 75.4#



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



#53

3-Nitroaniline

Concen: 34.626 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.03 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

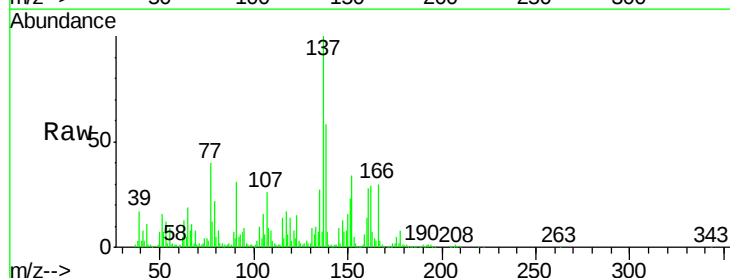
Tgt Ion:138 Resp: 136670

Ion Ratio Lower Upper

138 100

108 15.5 9.8 14.6#

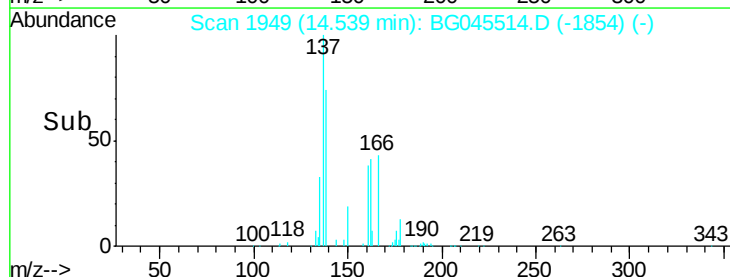
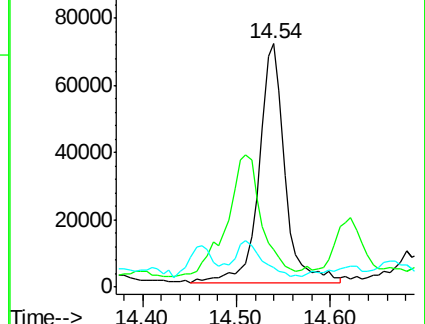
92 8.2 103.0 154.4#

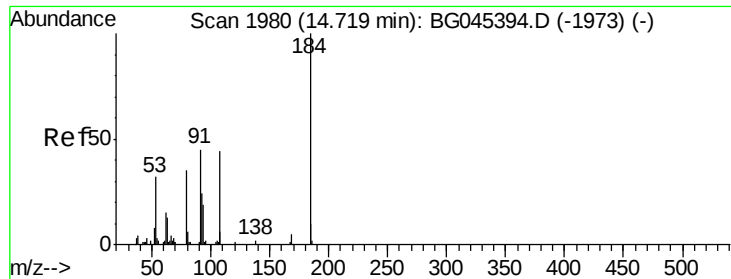


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

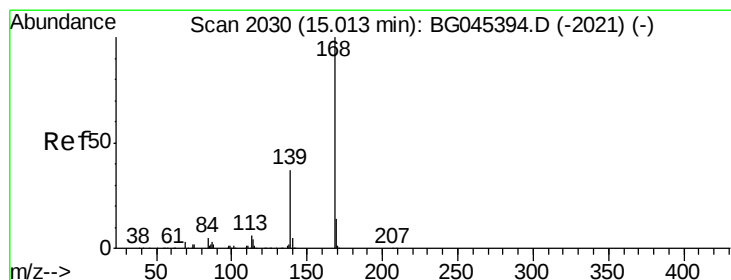
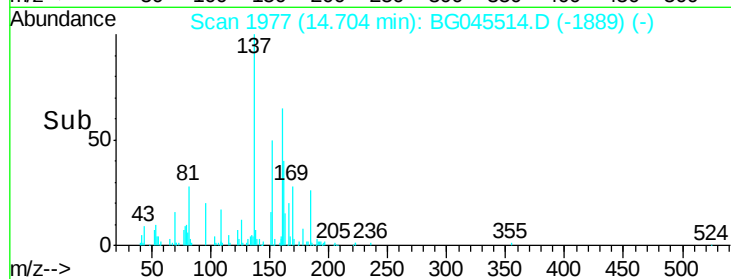
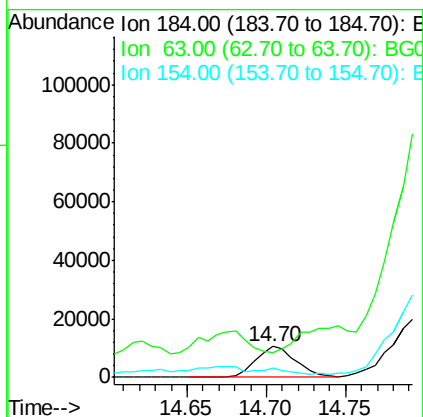
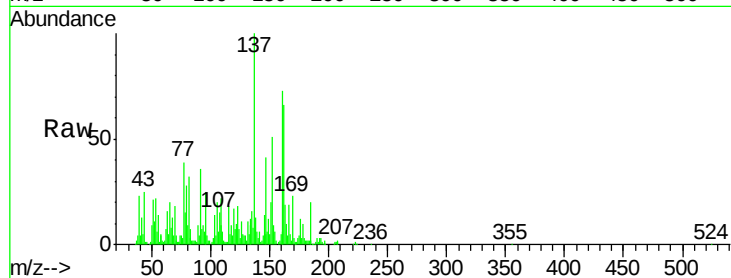




#54
2,4-Dinitrophenol
Concen: 12.219 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

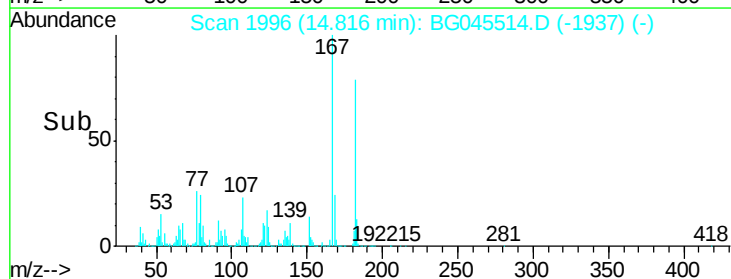
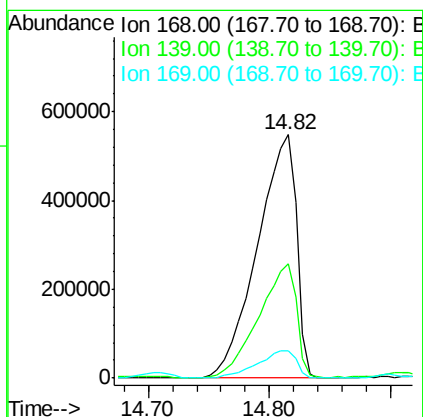
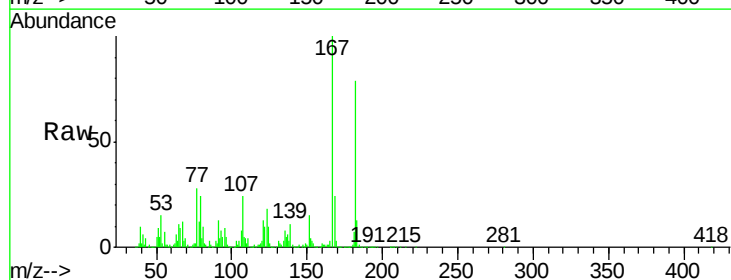
Instrument :
BNA_G
ClientSampleId :
C0AP4

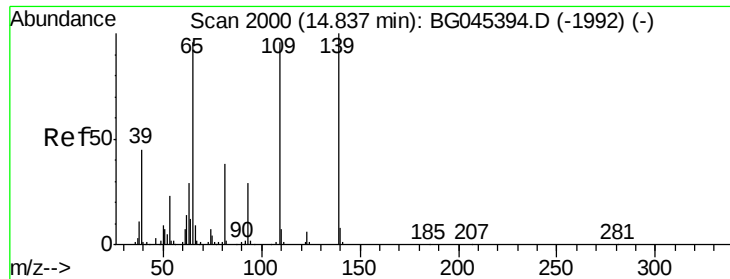
Tot Ion:184 Resp: 18452
Ion Ratio Lower Upper
184 100
63 80.8 47.8 71.6#
154 28.6 58.3 87.5#



#55
Dibenzofuran
Concen: 61.087 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.19 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion:168 Resp: 1220716
Ion Ratio Lower Upper
168 100
139 46.9 29.9 44.9#
169 11.4 10.9 16.3





#56

4-Nitrophenol

Concen: 7.398 ng

RT: 14.91 min Scan# 2012

Delta R.T. 0.04 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

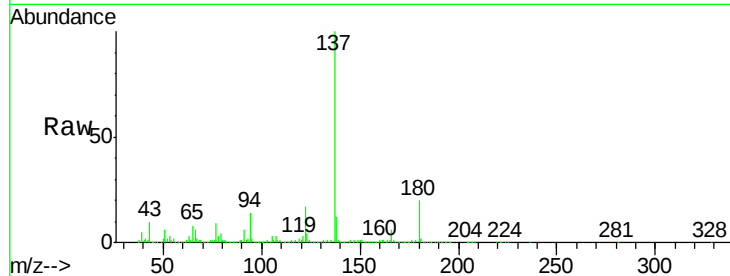
Tot Ion:139 Resp: 22108

Ion Ratio Lower Upper

139 100

109 59.4 75.6 115.6#

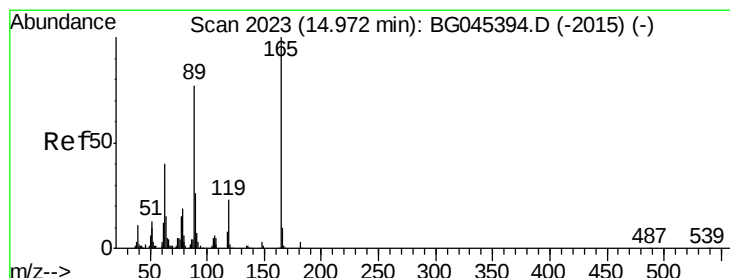
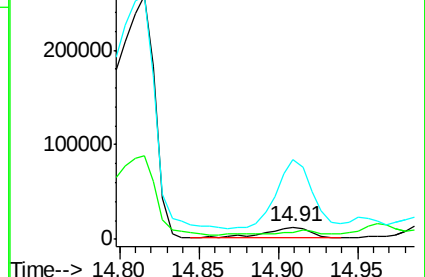
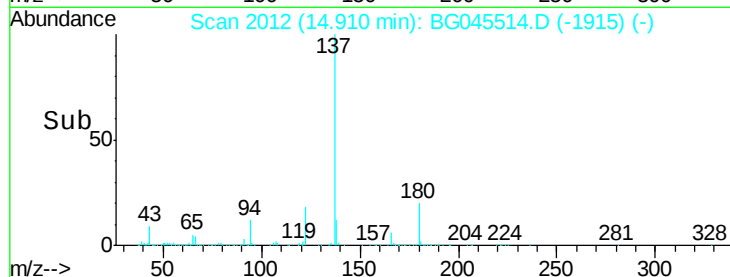
65 657.1 76.8 116.8#



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): BGC



#57

2,4-Dinitrotoluene

Concen: 4.310 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Tgt Ion:165 Resp: 24236

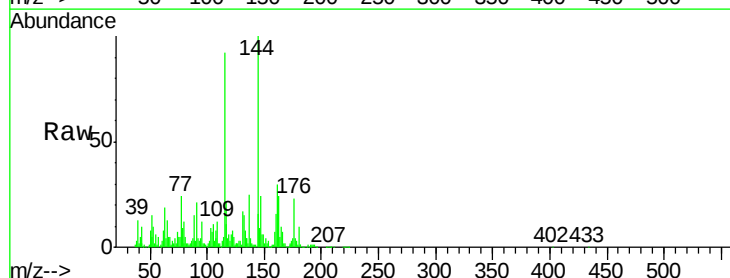
Ion Ratio Lower Upper

165 100

63 187.6 32.5 48.7#

89 155.8 61.8 92.6#

182 10.4 2.3 3.5#

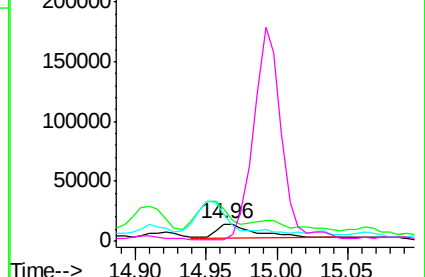
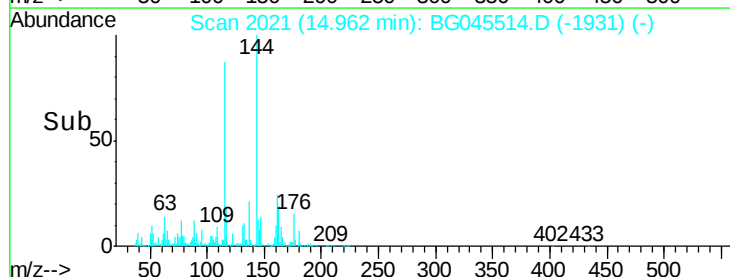


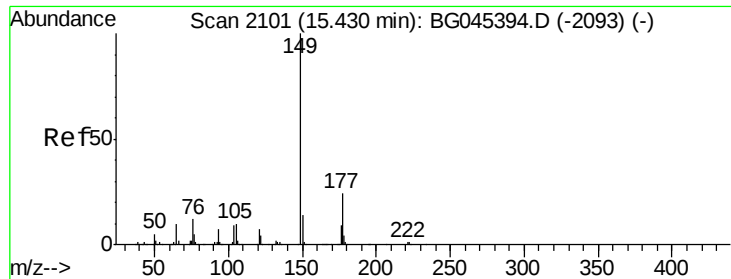
Abundance Ion 165.00 (164.70 to 165.70): E

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





#60

Diethylphthalate

Concen: 2.780 ng

RT: 15.42 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

ClientSampleId :

C0AP4

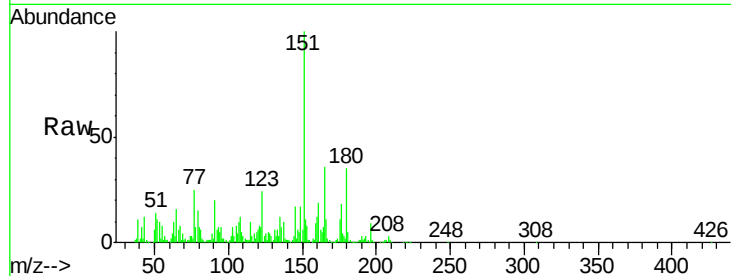
Tot Ion:149 Resp: 49782

Ion Ratio Lower Upper

149 100

177 22.5 19.0 28.4

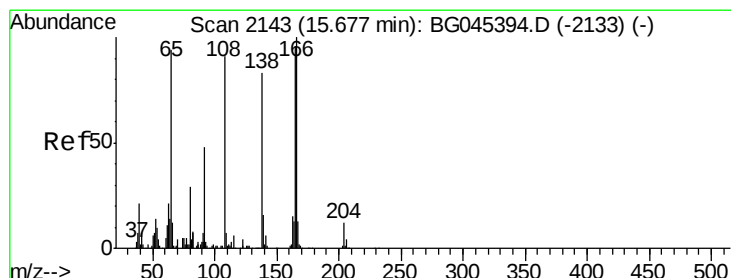
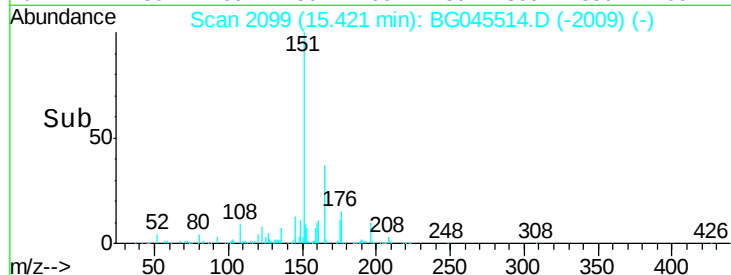
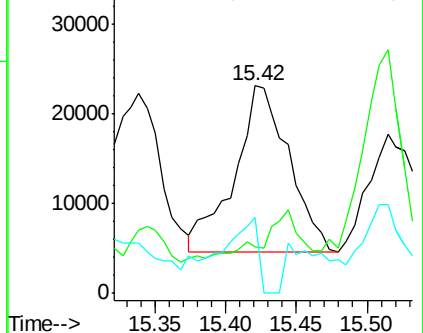
150 36.9 11.4 17.0#



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



#62

4-Nitroaniline

Concen: 3.303 ng

RT: 15.77 min Scan# 2158

Delta R.T. 0.09 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

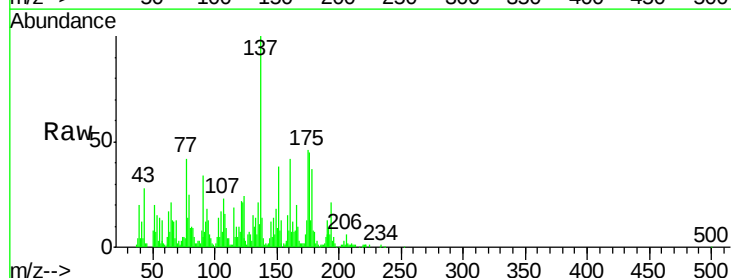
Tgt Ion:138 Resp: 13610

Ion Ratio Lower Upper

138 100

92 51.6 38.0 78.0

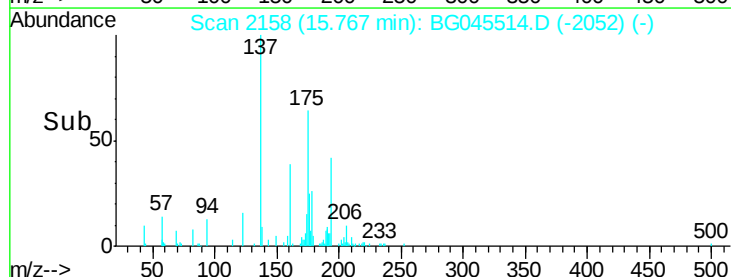
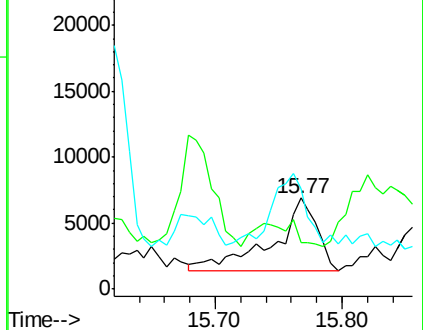
108 110.7 89.3 129.3

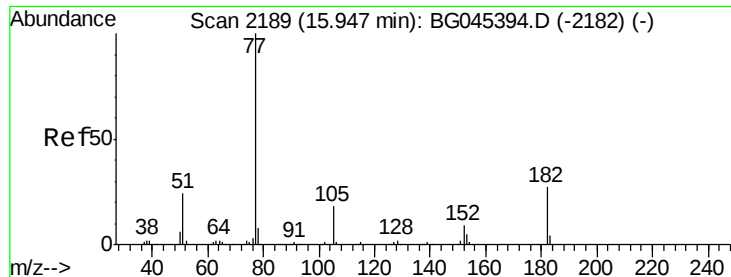


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

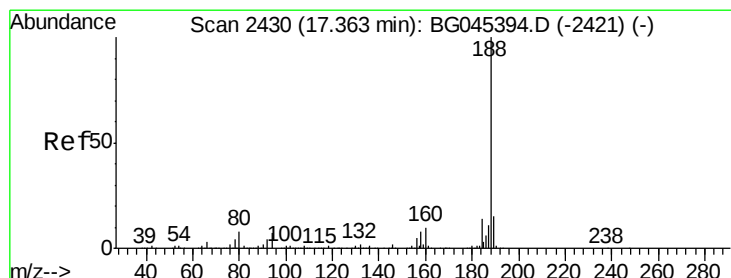
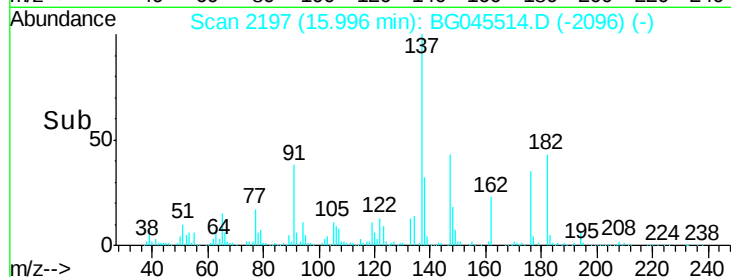
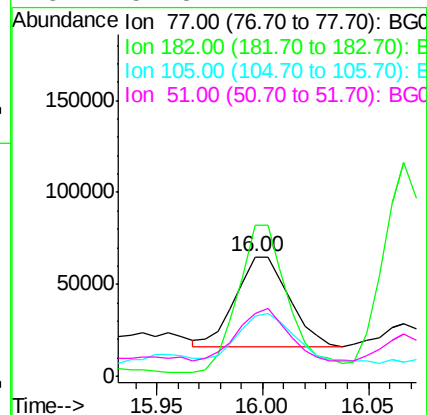
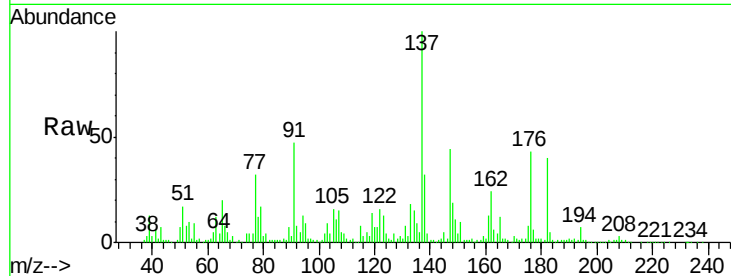




#63
Azobenzene
Concen: 5.188 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.06 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

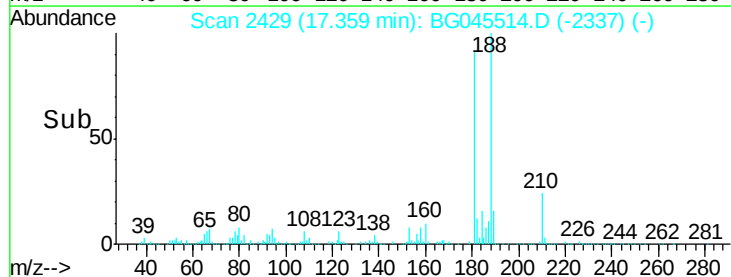
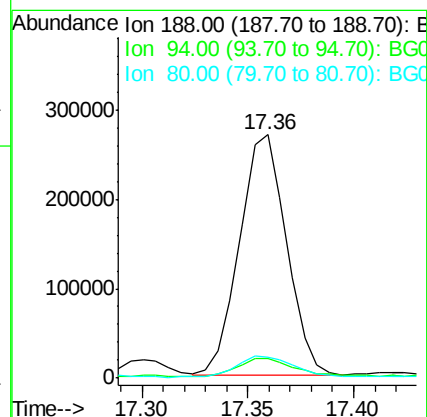
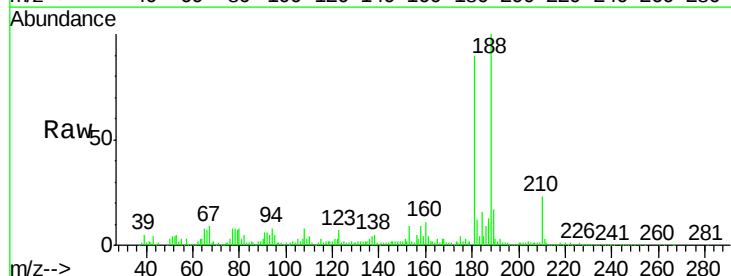
Instrument :
BNA_G
ClientSampleId :
C0AP4

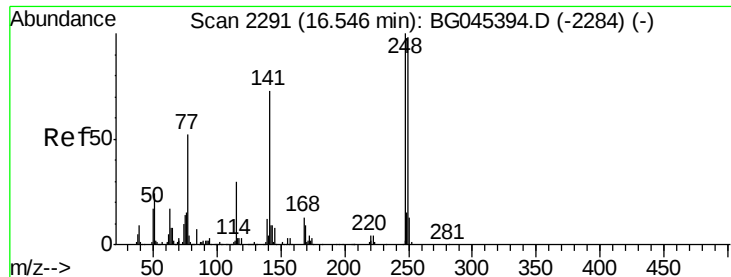
Tot Ion	Ratio	Lower	Upper
77	100		
182	126.9	6.5	46.5#
105	51.0	0.0	37.9#
51	52.8	4.1	44.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.5	8.3
80	8.4	6.6	10.0

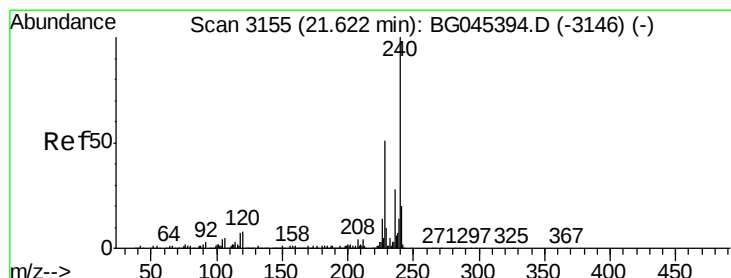
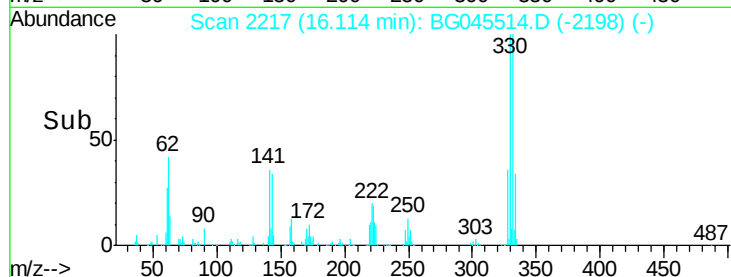
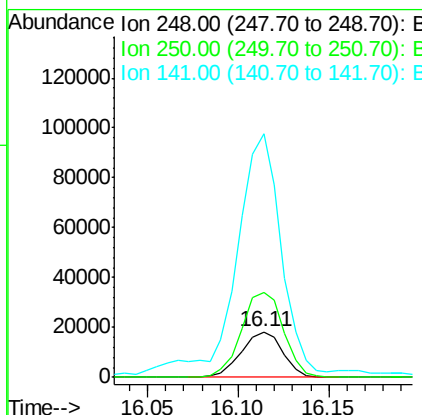
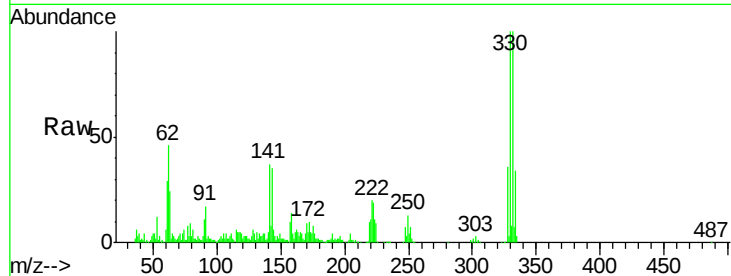




#67
4-Bromophenyl-phenylether
Concen: 6.482 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.42 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

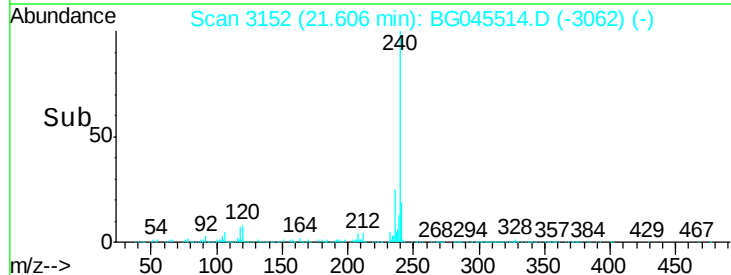
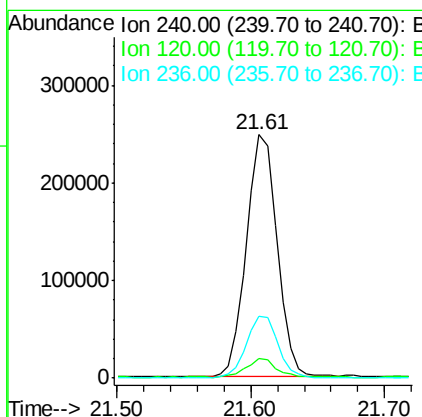
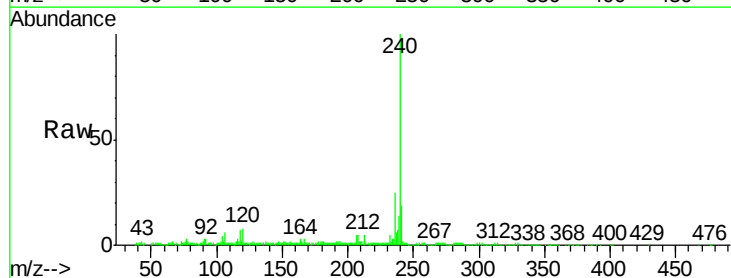
Instrument :
BNA_G
ClientSampleId :
C0AP4

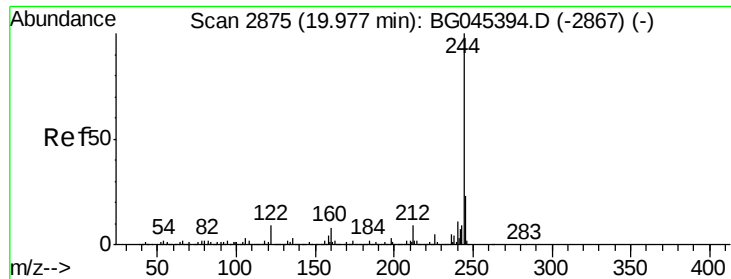
Tot Ion:248 Resp: 29012
Ion Ratio Lower Upper
248 100
250 187.7 78.6 117.8#
141 537.9 58.2 87.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion:240 Resp: 394301
Ion Ratio Lower Upper
240 100
120 8.1 6.1 9.1
236 25.4 22.3 33.5

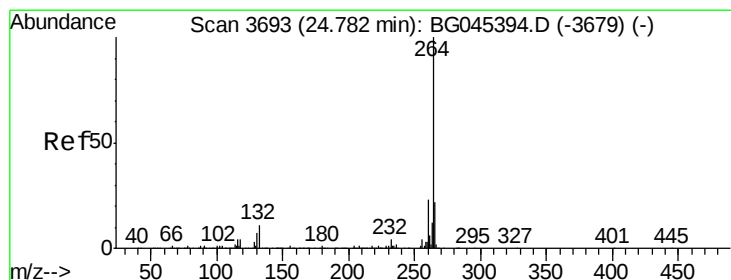
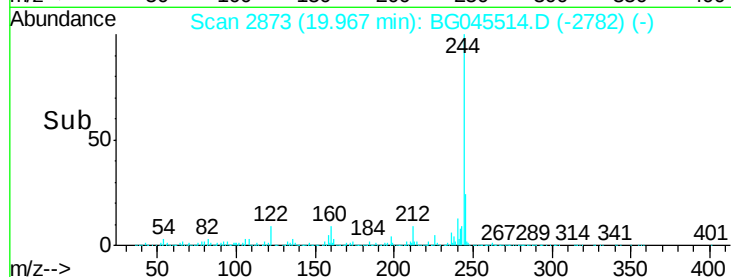
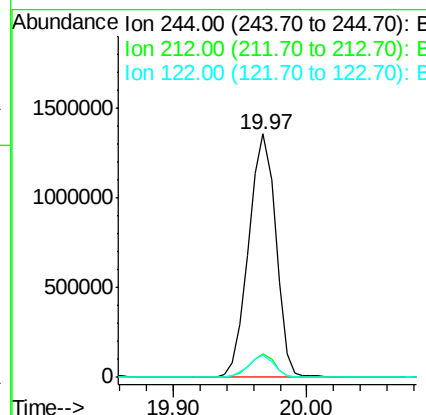
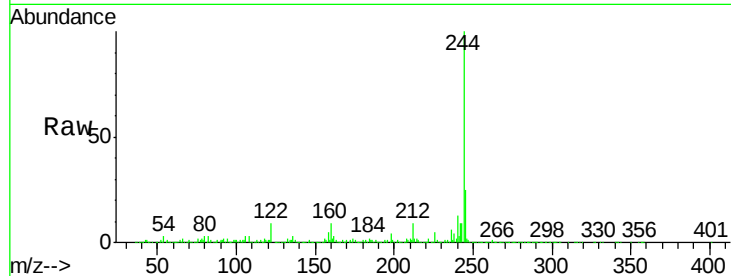




#79
 Terphenyl-d14
 Concen: 111.868 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Instrument :
 BNA_G
 ClientSampleId :
 C0AP4

Tot Ion:244 Resp: 1891247
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.4 11.0
 122 9.0 6.8 10.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.76 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Tgt Ion:264 Resp: 431033
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.4
 265 22.4 17.6 26.4

