

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045513.D
 Acq On : 29 May 2020 5:06
 Operator : CG/JU
 Sample : L2757-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

Quant Time: May 29 06:34:21 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	7.96	152	78621	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	407073	20.00	ng	0.01
39) Acenaphthene-d10	14.62	164	222853	20.00	ng	0.02
64) Phenanthrene-d10	17.37	188	431194	20.00	ng	0.02
76) Chrysene-d12	21.61	240	412739	20.00	ng	0.00
87) Perylene-d12	24.76	264	457788	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	577388	143.52	ng	0.01
7) Phenol-d6	7.21	99	731907	127.82	ng	0.05
23) Nitrobenzene-d5	9.13	82	573742	76.86	ng	0.01
42) 2,4,6-Tribromophenol	16.13	330	432364	151.70	ng	0.03
45) 2-Fluorobiphenyl	13.25	172	1392562	105.99	ng	0.03
79) Terphenyl-d14	19.97	244	1940627	109.66	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.83	79	19707	3.547	ng	96
9) Benzaldehyde	7.10	77	8410	2.254	ng	# 1
10) Phenol	7.24	94	2589897	438.867	ng	93
15) Benzyl Alcohol	8.30	79	197353	41.722	ng	# 50
17) 2-Methylphenol	8.50	107	3095681	700.841	ng	94
19) n-Nitroso-di-n-propylamine	8.75	70	16362	4.132	ng	# 1
20) 3+4-Methylphenols	8.86	107	6258998	1040.576	ng	85
22) Acetophenone	8.80	105	390738	40.499	ng	# 25
24) Nitrobenzene	9.12	77	257824	32.237	ng	# 1
26) 2-Nitrophenol	9.90	139	18834	5.505	ng	# 1
27) 2,4-Dimethylphenol	10.04	122	4211492	829.945	ng	99
28) bis(2-Chloroethoxy)methane	10.04	93	213093	27.639	ng	# 1
29) 2,4-Dichlorophenol	10.43	162	13898	2.319	ng	# 1
31) Naphthalene	10.83	128	258834	13.645	ng	97
32) Benzoic acid	10.04	122	4211492	975.521	ng	# 20
36) 4-Chloro-3-methylphenol	12.01	107	542844	80.394	ng	# 21
37) 2-Methylnaphthalene	12.44	142	92000	6.507	ng	94
38) 1-Methylnaphthalene	12.66	142	62724	4.696	ng	# 96
46) 1,1'-Biphenyl	13.01	154	11097343	810.420	ng	# 43
47) 2-Chloronaphthalene	13.44	162	67747	6.093	ng	# 60
48) 2-Nitroaniline	13.59	65	289440	79.132	ng	# 21
49) Acenaphthylene	14.76	152	164793	9.227	ng	94
50) Dimethylphthalate	14.14	163	160401	10.492	ng	# 1
51) 2,6-Dinitrotoluene	14.25	165	14783	4.285	ng	# 1
53) 3-Nitroaniline	14.58	138	215320	61.402	ng	# 7
54) 2,4-Dinitrophenol	14.74	184	81984	39.264	ng	# 56
55) Dibenzofuran	14.85	168	2766842	155.841	ng	# 88
56) 4-Nitrophenol	14.85	139	1248355	470.204	ng	# 68
57) 2,4-Dinitrotoluene	15.00	165	22616	4.527	ng	# 1
58) Fluorene	15.67	166	43118	2.956	ng	# 28
60) Diethylphthalate	15.45	149	74505	4.682	ng	# 81
62) 4-Nitroaniline	15.79	138	20485	5.596	ng	99
65) 4,6-Dinitro-2-methylphenol	15.34	198	58884	23.448	ng	91
67) 4-Bromophenyl-phenylether	16.13	248	29360	6.288	ng	# 1

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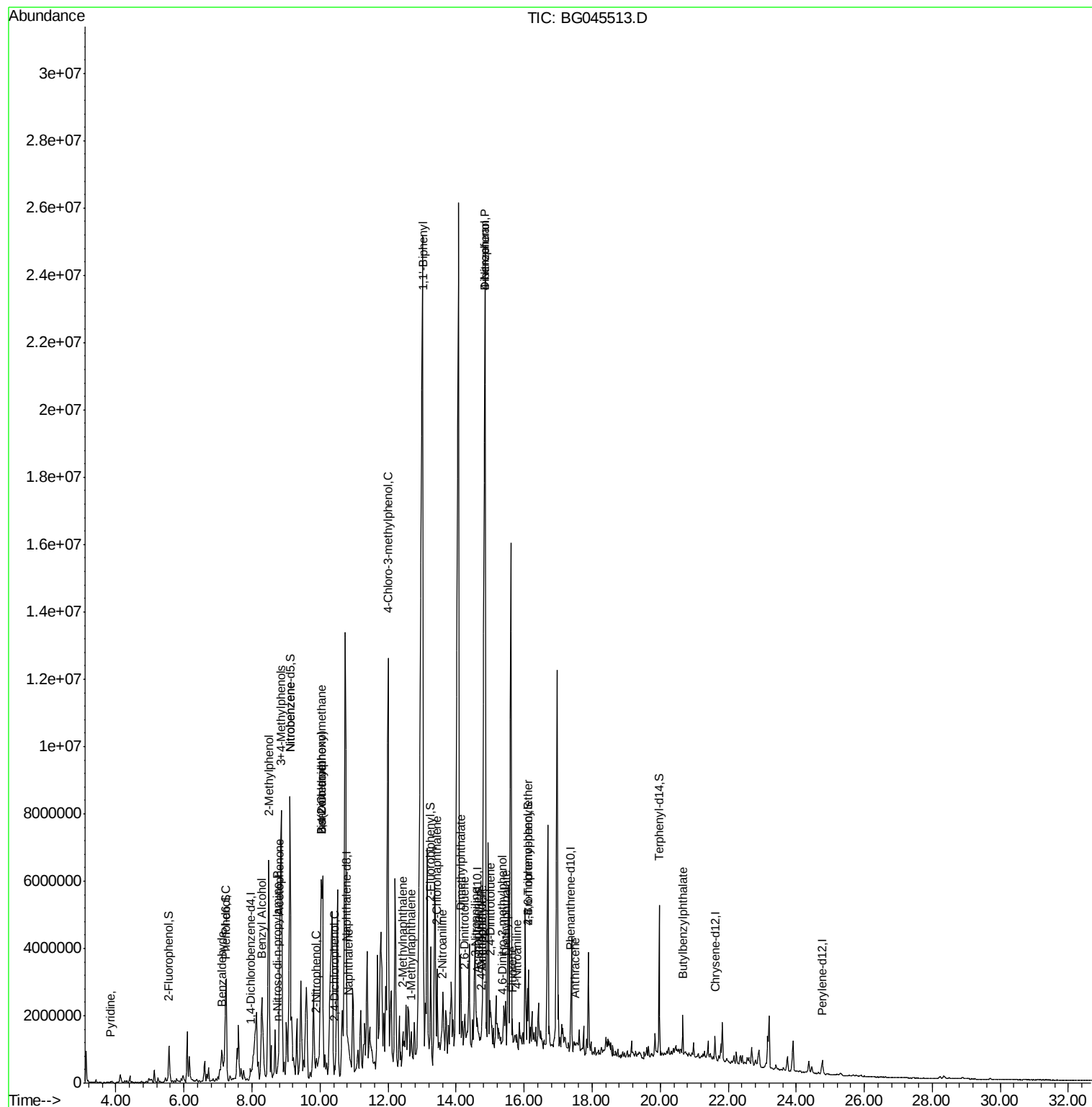
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	17.50	178	41873	2.215	ng	# 77
80) Butylbenzylphthalate	20.68	149	20717	2.040	ng	# 67

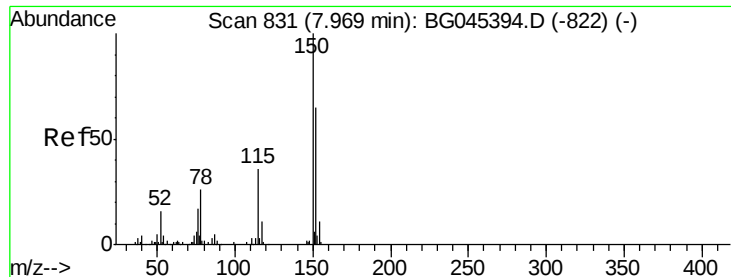
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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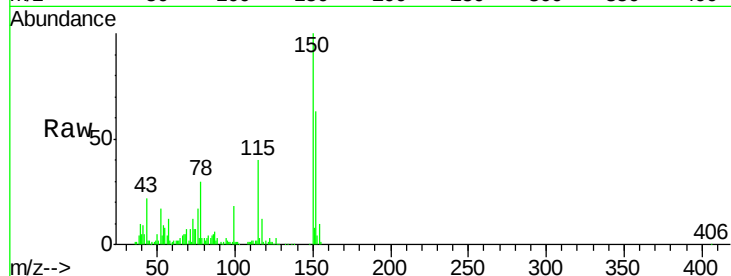


#1

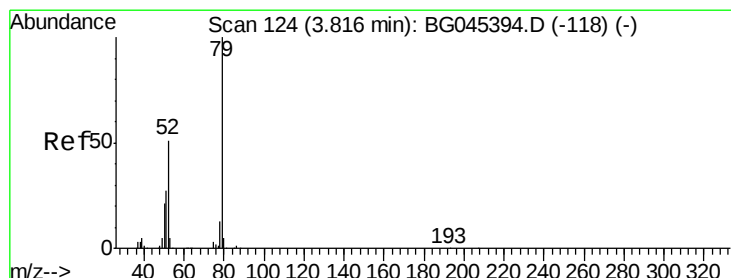
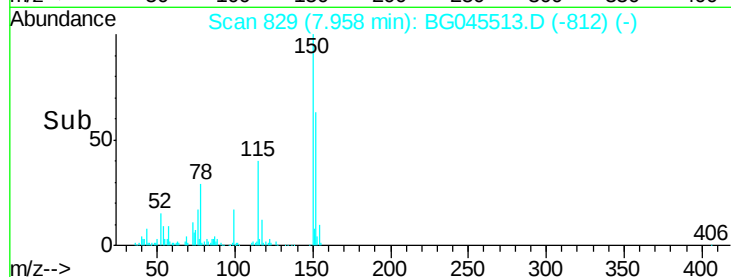
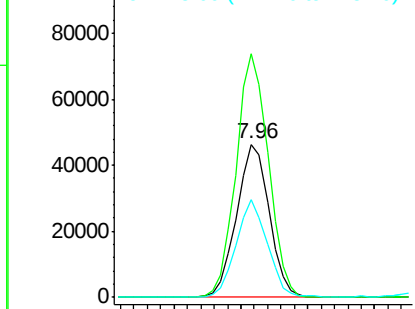
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Instrument :
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Tot Ion	152	Resp	78621
Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.4	183.6
115	64.0	44.2	66.4



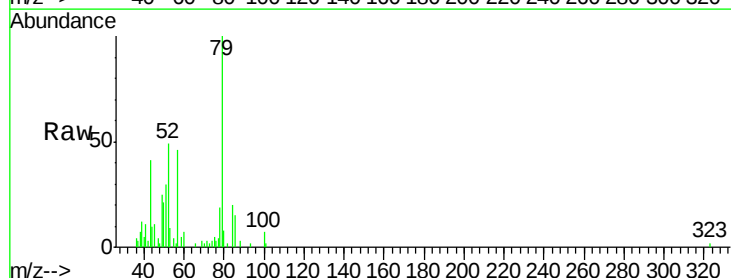
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



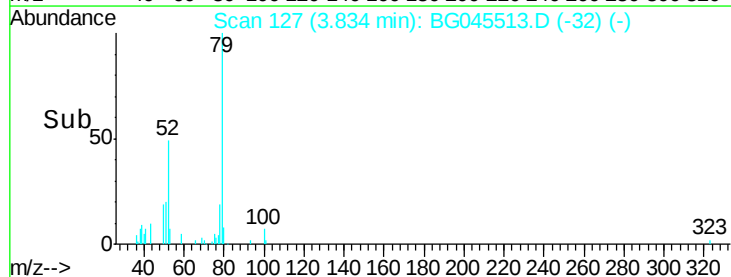
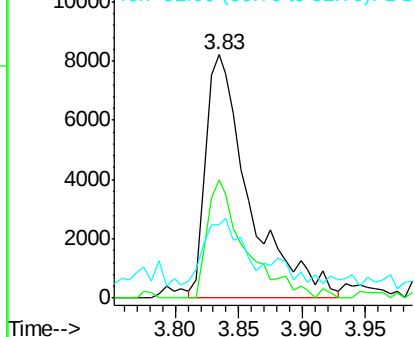
#3

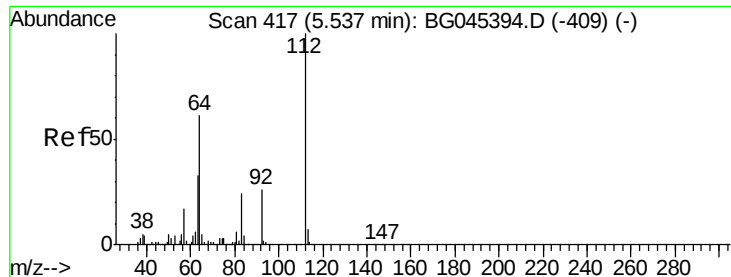
Pyridine
Concen: 3.547 ng
RT: 3.83 min Scan# 127
Delta R.T. 0.03 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion	79	Resp	19707
Ion	Ratio	Lower	Upper
79	100		
52	48.5	40.8	61.2
51	30.1	21.9	32.9



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





#5

2-Fluorophenol

Concen: 143.522 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C0AP3

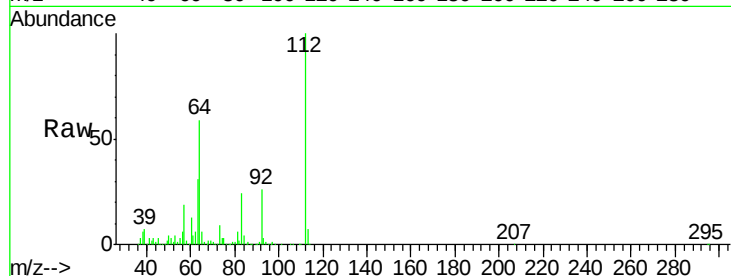
Tot Ion:112 Resp: 577388

Ion Ratio Lower Upper

112 100

64 59.0 48.6 72.8

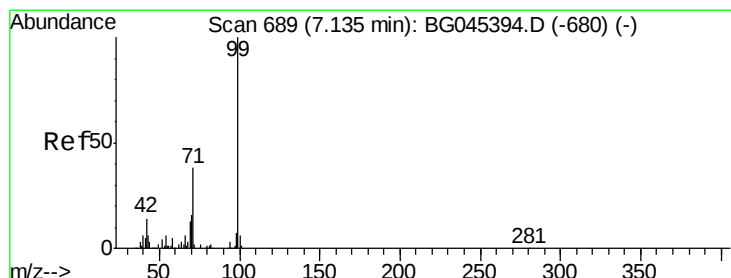
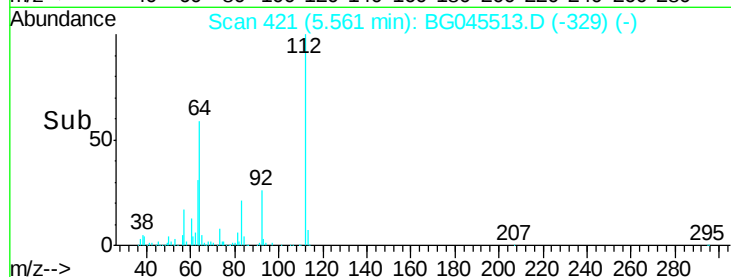
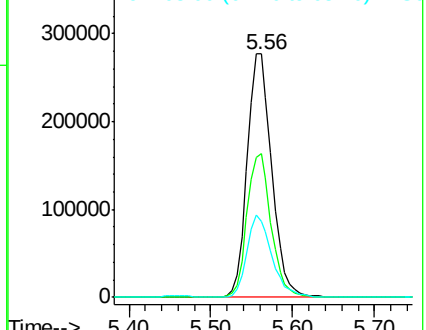
63 31.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 127.824 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.05 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

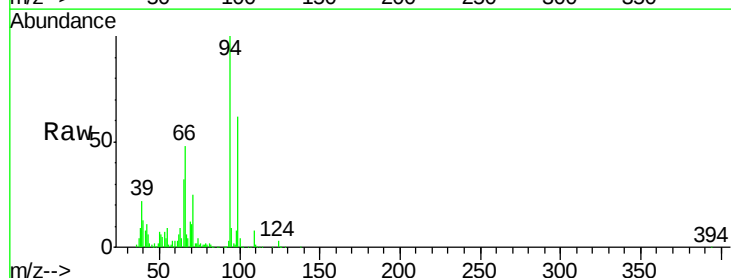
Tgt Ion: 99 Resp: 731907

Ion Ratio Lower Upper

99 100

42 17.6 11.3 16.9#

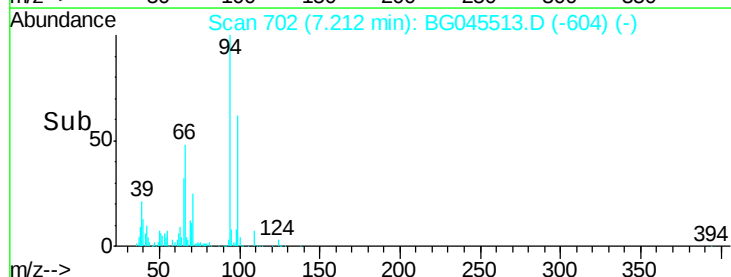
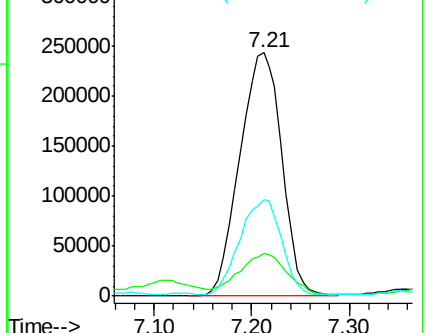
71 39.7 30.8 46.2

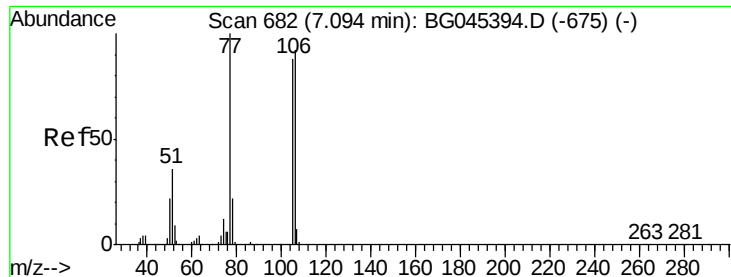


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 2.254 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

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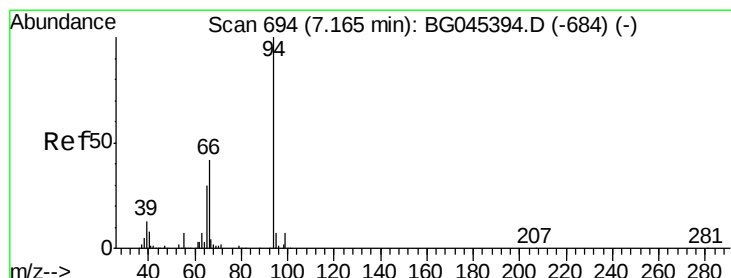
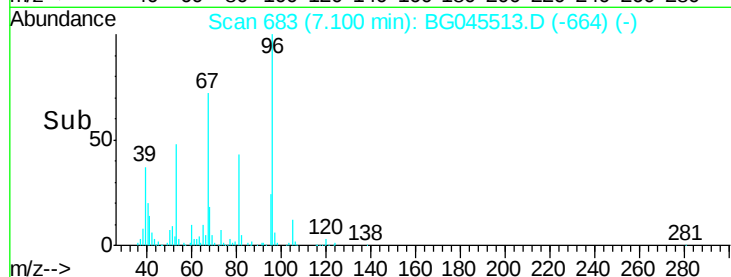
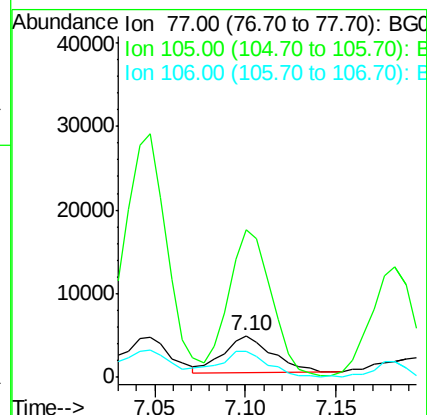
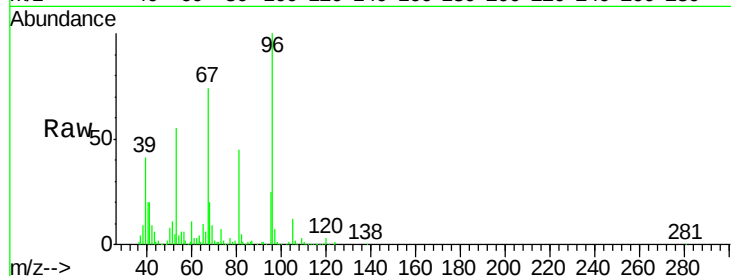
Tot Ion: 77 Resp: 8410

Ion Ratio Lower Upper

77 100

105 353.2 68.5 108.5#

106 63.4 71.6 111.6#



#10

Phenol

Concen: 438.867 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.05 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

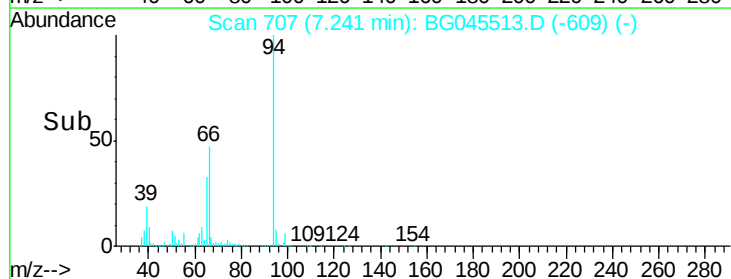
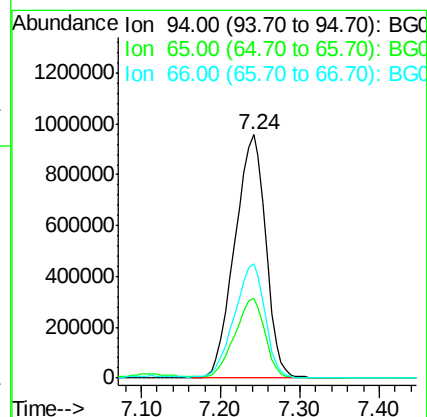
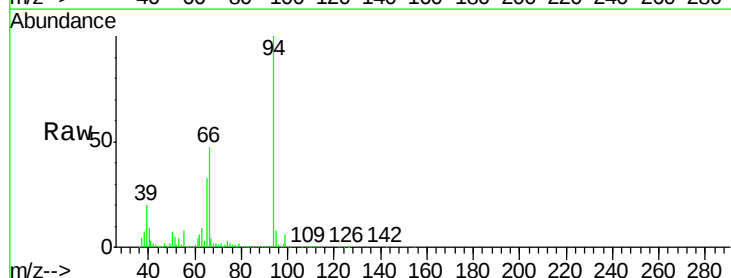
Tgt Ion: 94 Resp: 2589897

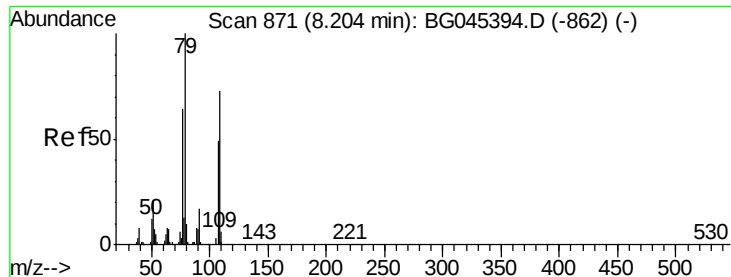
Ion Ratio Lower Upper

94 100

65 32.7 9.8 49.8

66 47.1 22.0 62.0





#15

Benzyl Alcohol

Concen: 41.722 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.09 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C0AP3

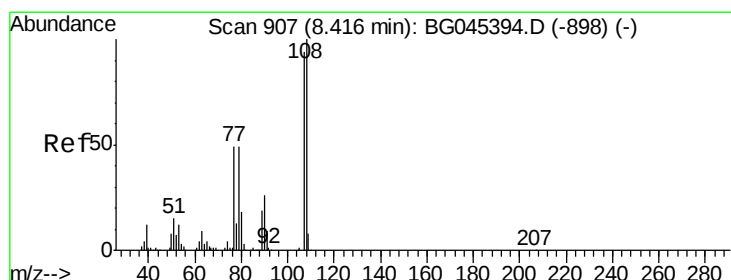
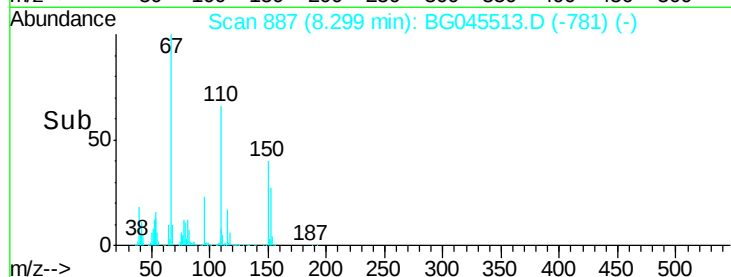
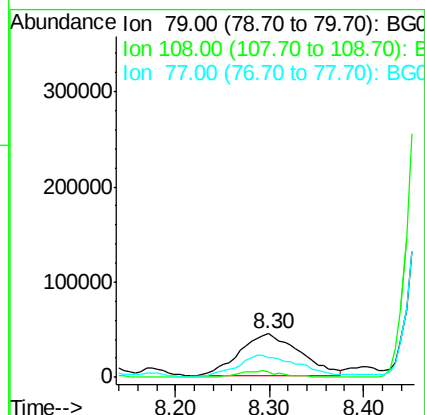
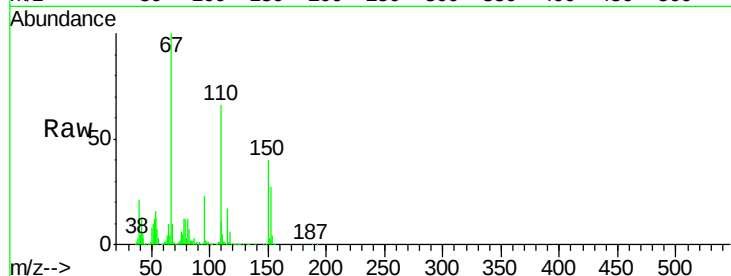
Tot Ion: 79 Resp: 197353

Ion Ratio Lower Upper

79 100

108 11.6 58.2 87.4#

77 46.0 51.0 76.4#



#17

2-Methylphenol

Concen: 700.841 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.06 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

Tgt Ion: 107 Resp: 3095681

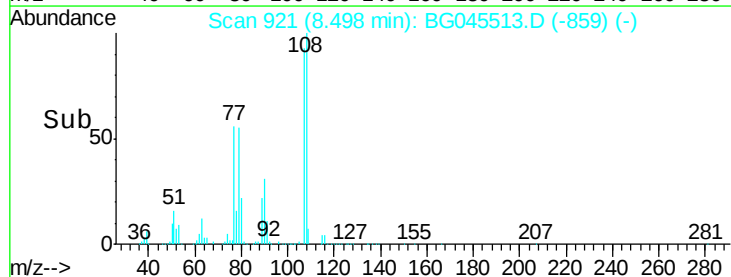
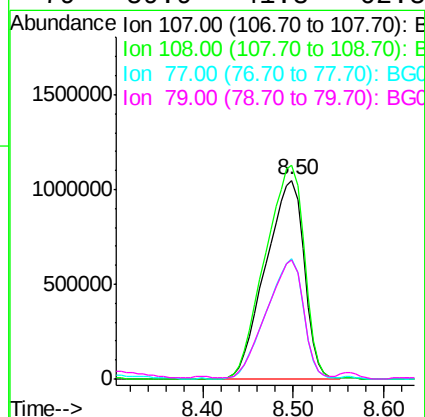
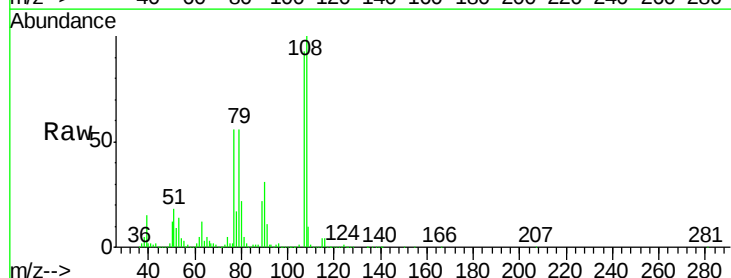
Ion Ratio Lower Upper

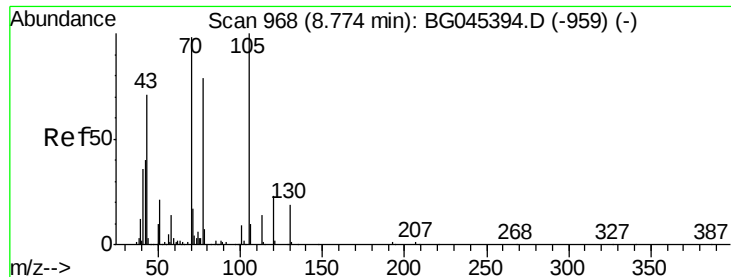
107 100

108 107.6 85.2 127.8

77 60.4 41.6 62.4

79 59.9 41.8 62.8

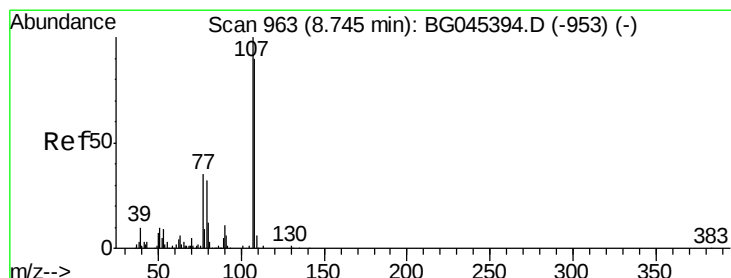
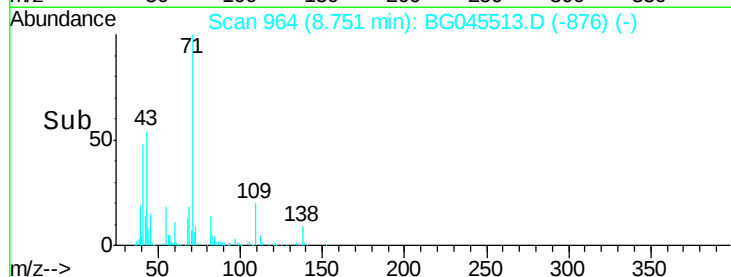
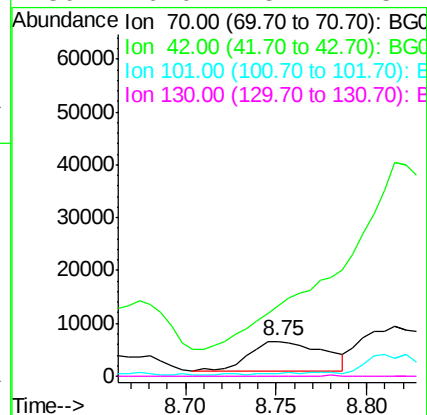
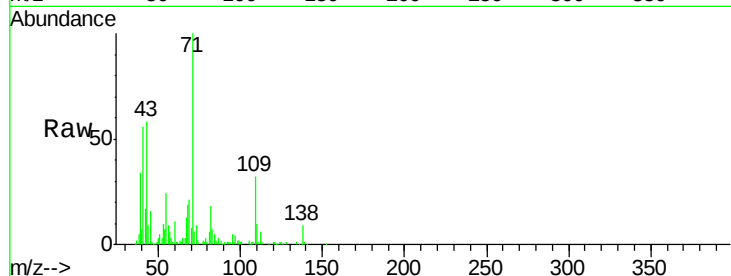




#19
n-Nitroso-di-n-propylamine
Concen: 4.132 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

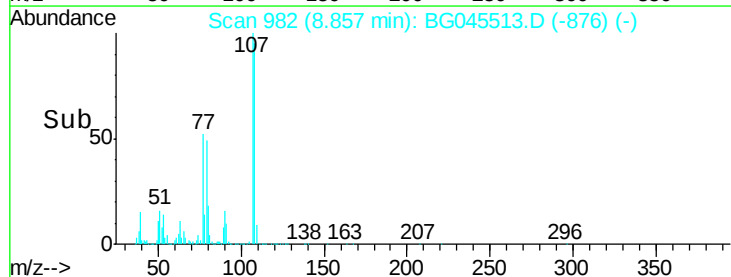
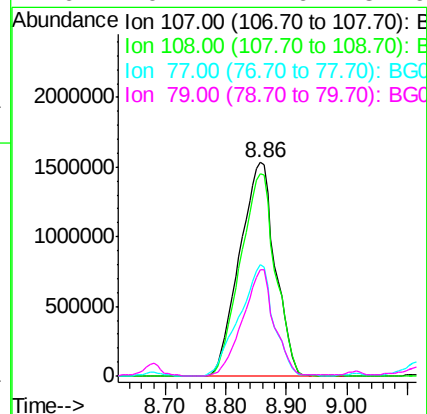
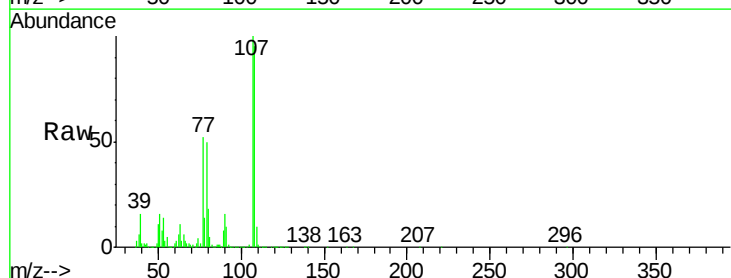
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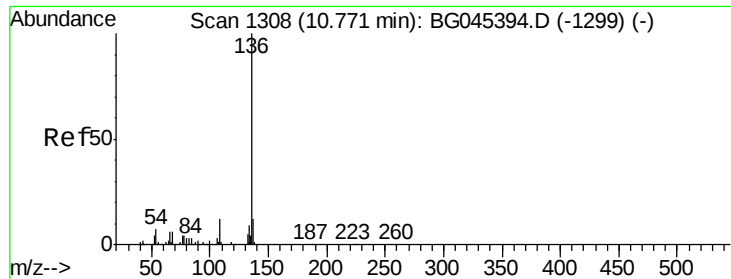
Tot Ion: 70 Resp: 16362
Ion Ratio Lower Upper
70 100
42 201.7 33.2 49.8#
101 7.0 7.8 11.6#
130 0.0 15.4 23.2#



#20
3+4-Methylphenols
Concen: 1040.576 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.09 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion: 107 Resp: 6258998
Ion Ratio Lower Upper
107 100
108 94.6 70.3 110.3
77 52.0 15.4 55.4
79 49.7 12.6 52.6

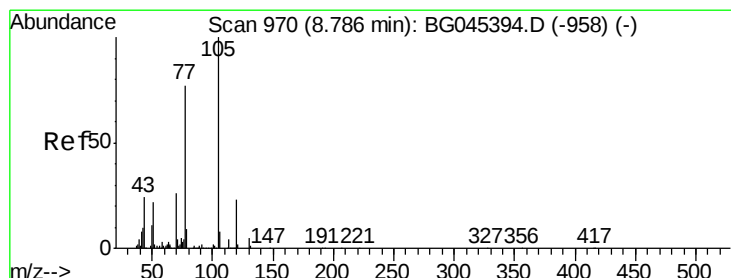
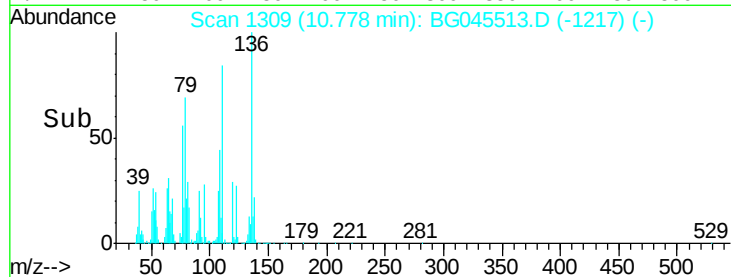
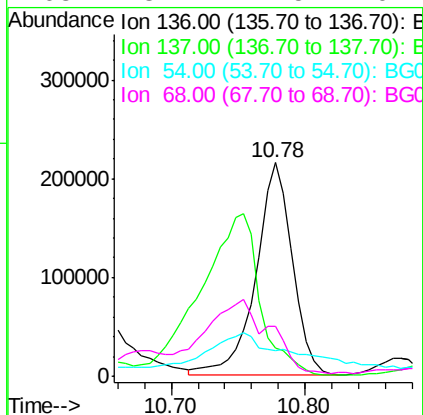
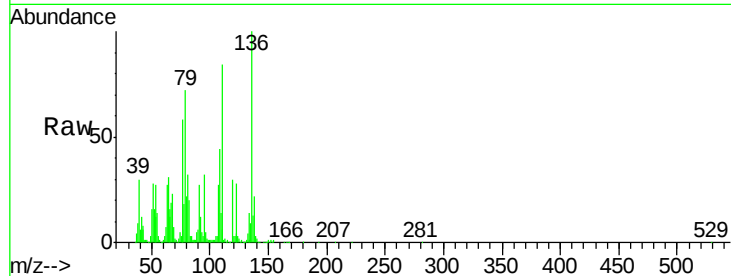




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

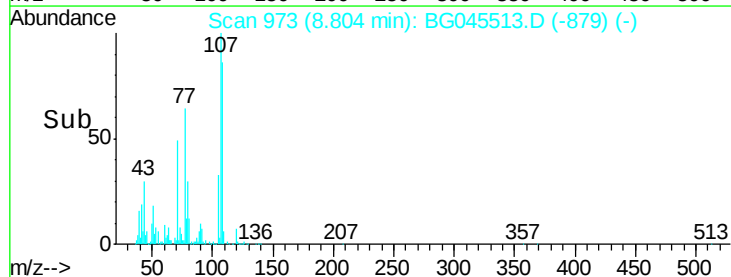
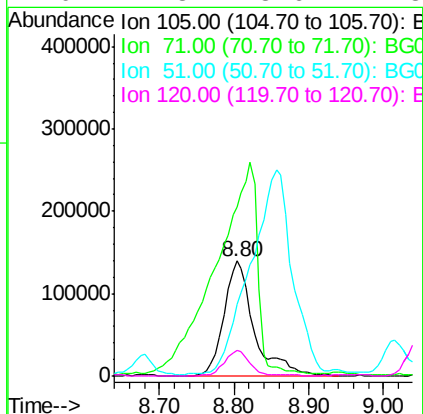
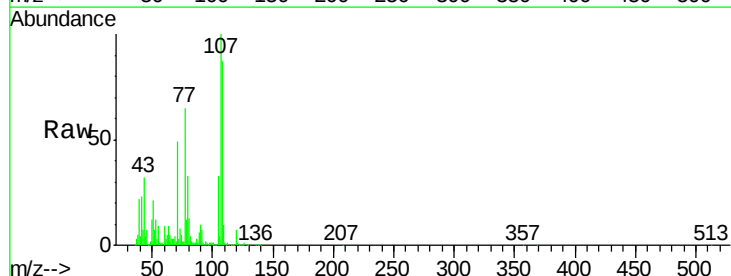
Instrument :
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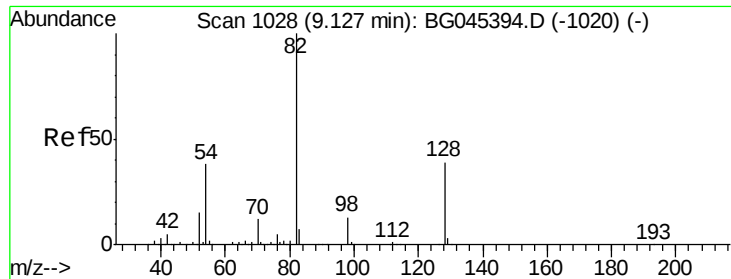
Tot Ion:136	Resp:	407073
Ion Ratio	Lower	Upper
136	100	
137	13.5	9.4 14.2
54	12.2	5.8 8.6#
68	23.2	4.5 6.7#



#22
Acetophenone
Concen: 40.499 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.02 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion:105	Resp:	390738
Ion Ratio	Lower	Upper
105	100	
71	147.4	3.4 5.0#
51	62.4	18.2 27.2#
120	21.8	18.6 27.8

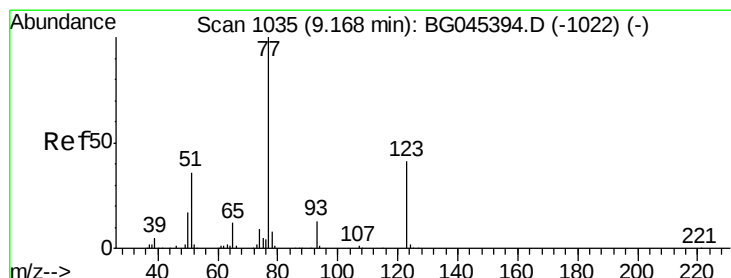
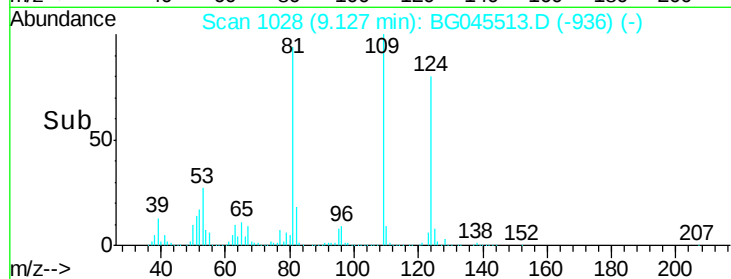
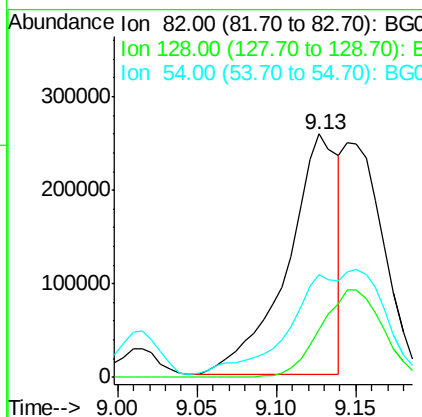
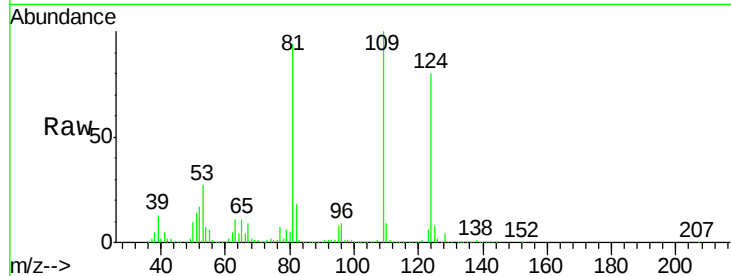




#23
 Nitrobenzene-d5
 Concen: 76.859 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

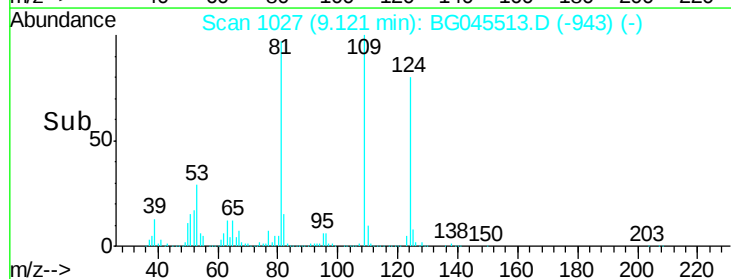
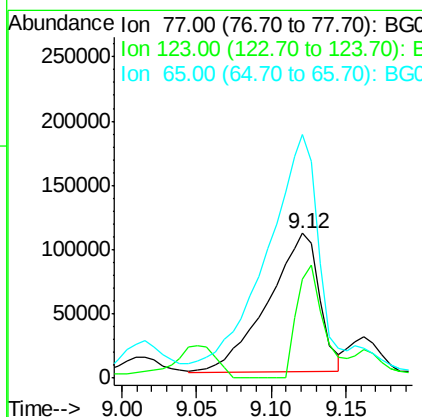
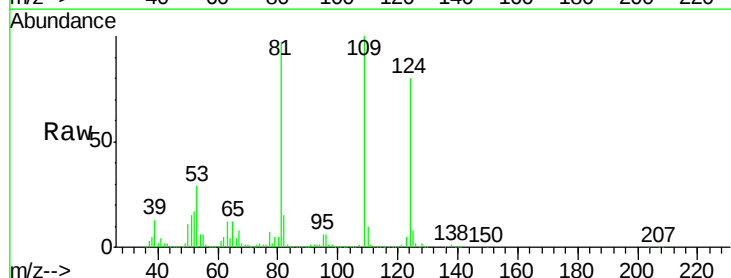
Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

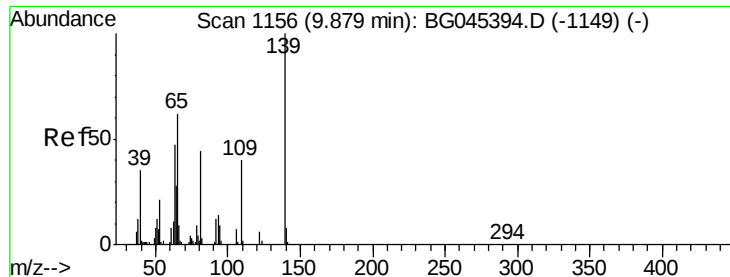
Tot Ion	82	Resp	573742
Ion Ratio	Lower	Upper	
82	100		
128	19.9	30.9	46.3#
54	42.0	30.3	45.5



#24
 Nitrobenzene
 Concen: 32.237 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

Tgt Ion	77	Resp	257824
Ion Ratio	Lower	Upper	
77	100		
123	68.0	32.9	49.3#
65	168.0	9.4	14.2#

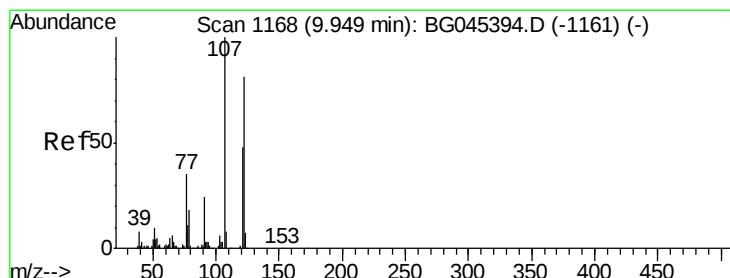
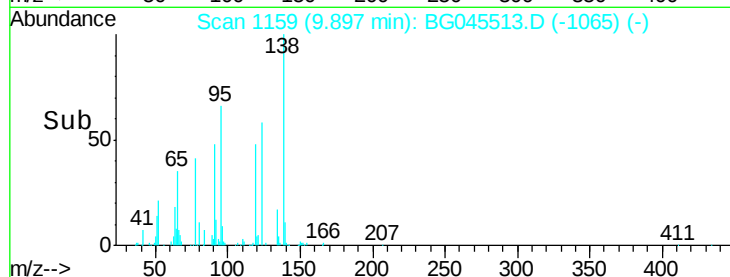
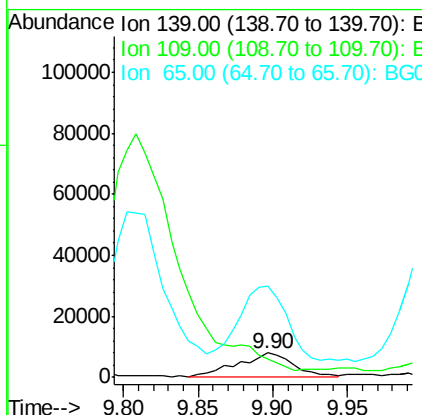
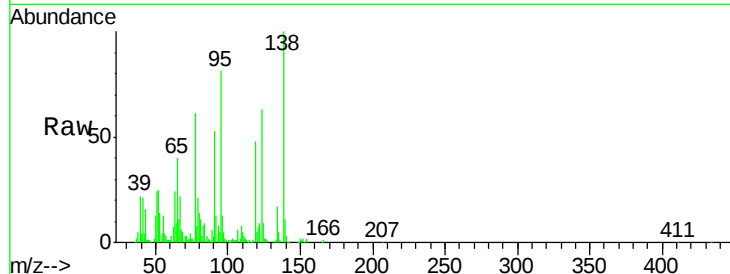




#26
2-Nitrophenol
Concen: 5.505 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.02 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

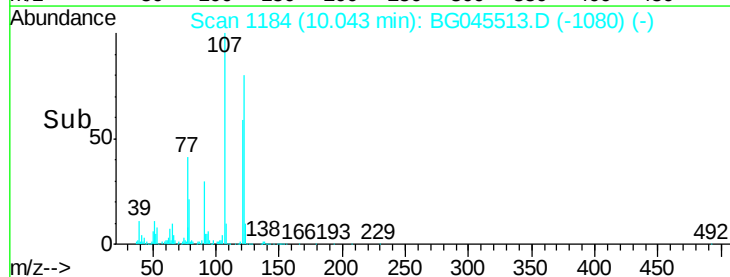
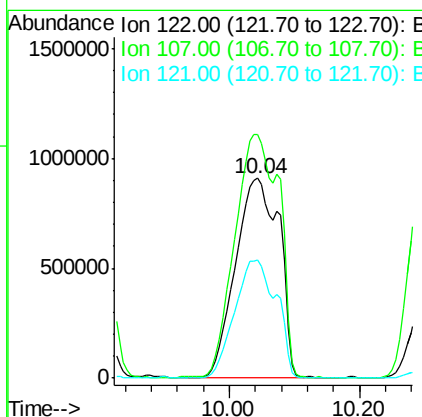
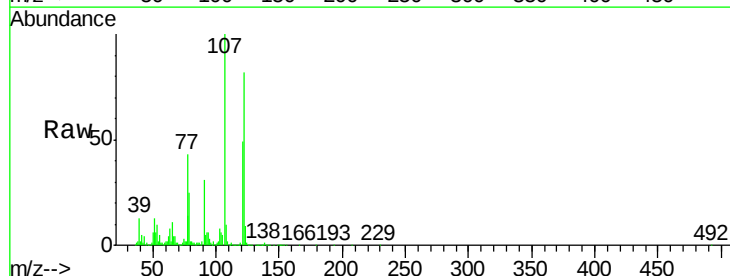
Instrument :
BNA_G
ClientSampleId :
C0AP3

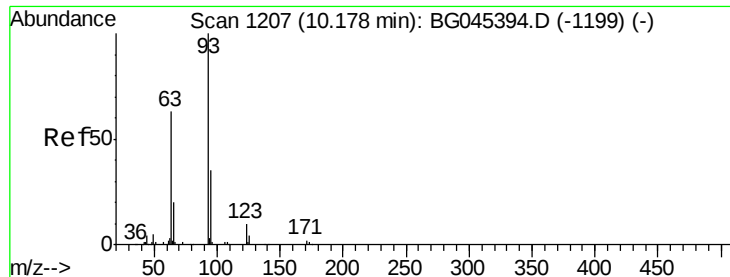
Tot Ion:139 Resp: 18834
Ion Ratio Lower Upper
139 100
109 73.7 32.2 48.4#
65 373.1 49.6 74.4#



#27
2,4-Dimethylphenol
Concen: 829.945 ng
RT: 10.04 min Scan# 1184
Delta R.T. 0.08 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion:122 Resp: 4211492
Ion Ratio Lower Upper
122 100
107 121.8 99.0 148.4
121 59.1 47.7 71.5

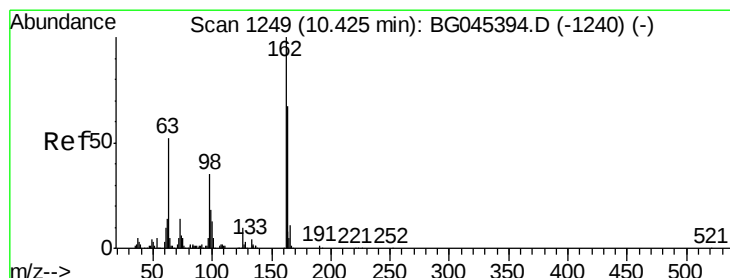
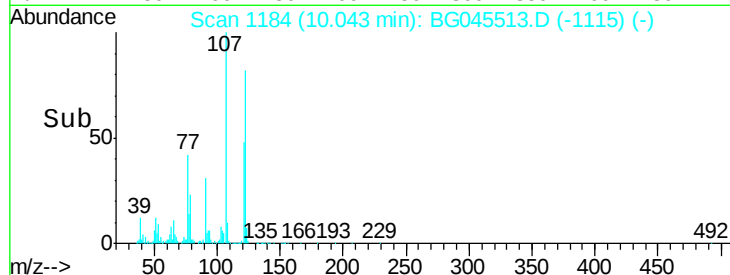
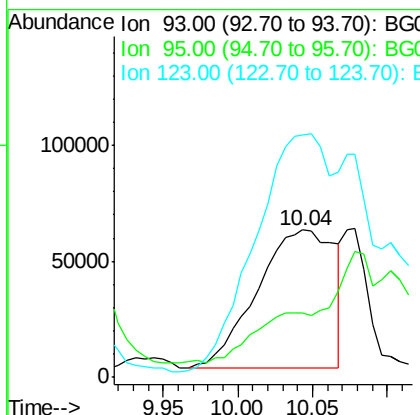
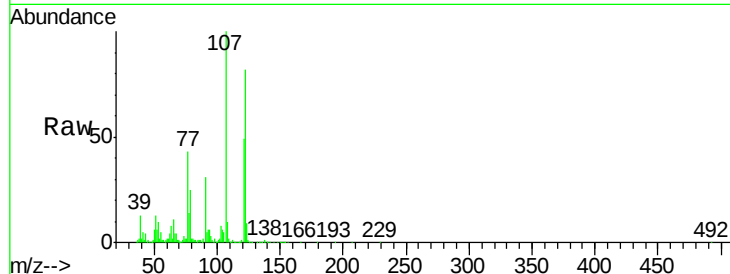




#28
 bis(2-Chloroethoxy)methane
 Concen: 27.639 ng
 RT: 10.04 min Scan# 1184
 Delta R.T. -0.12 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

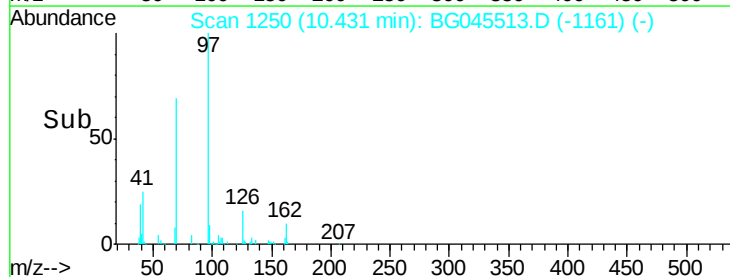
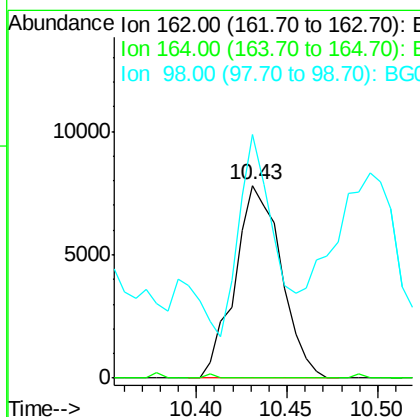
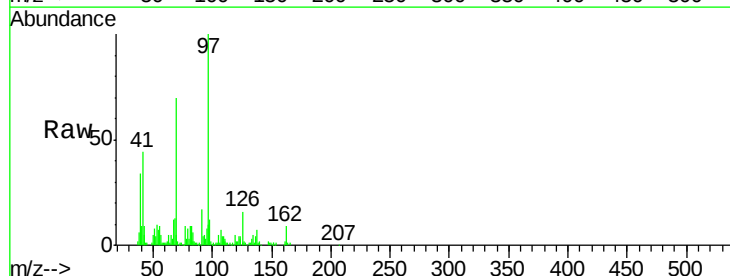
Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

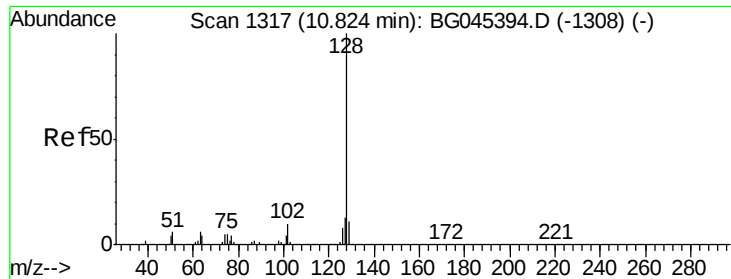
Tot Ion: 93 Resp: 213093
 Ion Ratio Lower Upper
 93 100
 95 43.9 27.6 41.4#
 123 164.7 8.1 12.1#



#29
 2,4-Dichlorophenol
 Concen: 2.319 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

Tgt Ion: 162 Resp: 13898
 Ion Ratio Lower Upper
 162 100
 164 0.0 46.8 86.8#
 98 126.3 15.2 55.2#

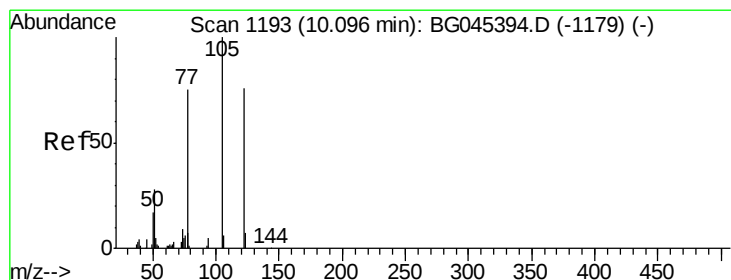
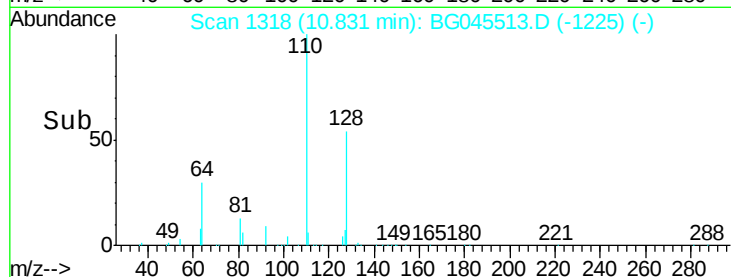
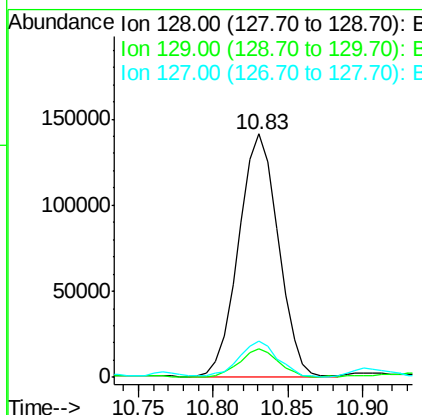
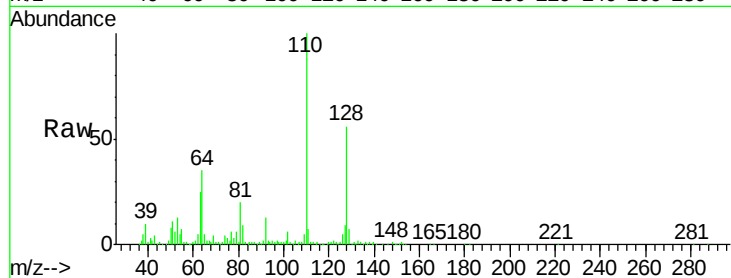




#31
Naphthalene
Concen: 13.645 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

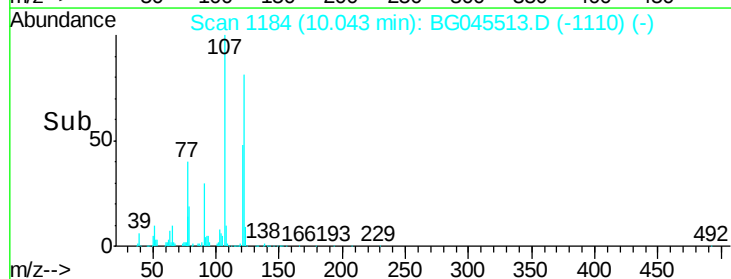
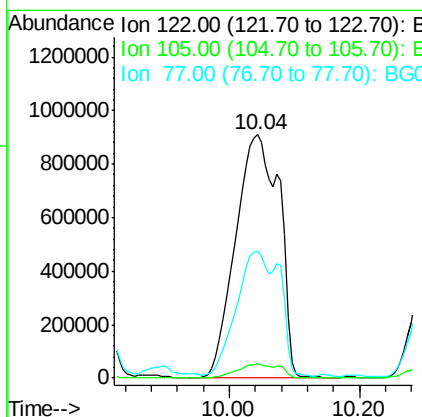
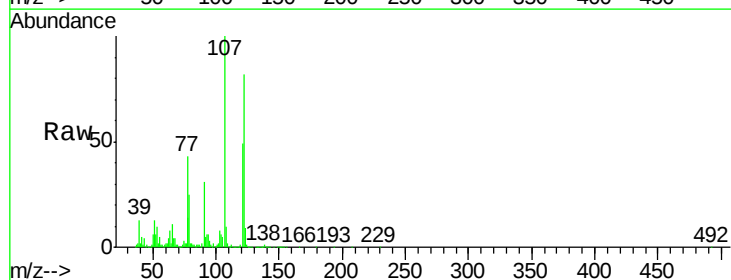
Instrument :
BNA_G
ClientSampleId :
C0AP3

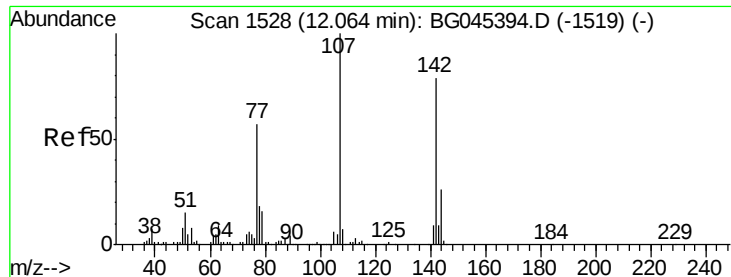
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	15.1	10.7	16.1



#32
Benzoic acid
Concen: 975.521 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	5.9	107.9	147.9#
77	52.0	78.9	118.9#

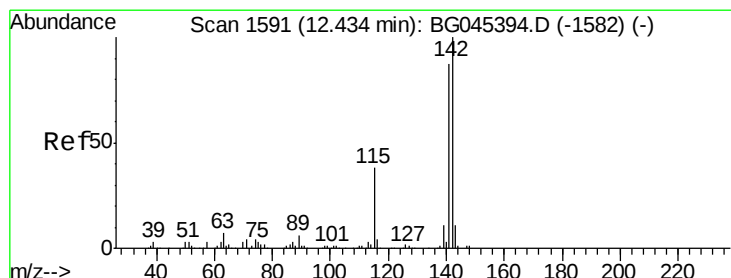
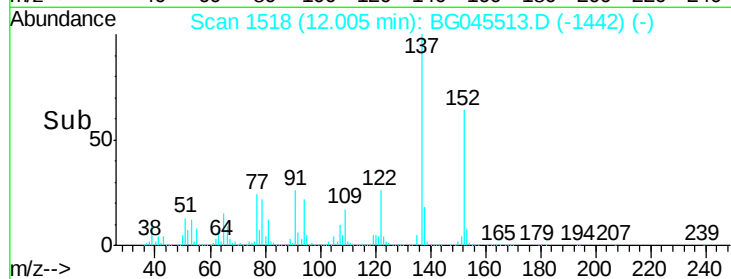
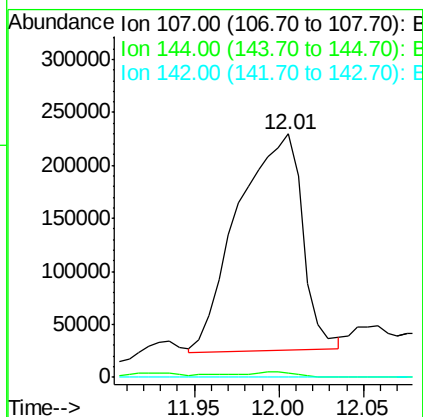
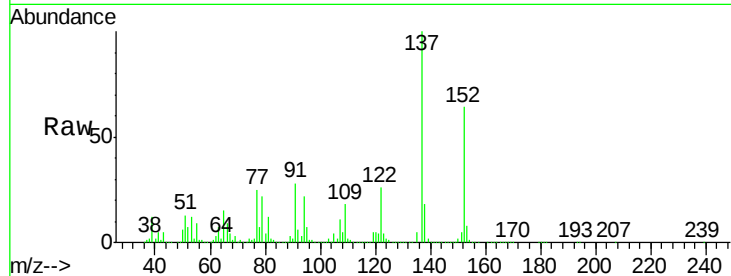




#36
 4-Chloro-3-methylphenol
 Concen: 80.394 ng
 RT: 12.01 min Scan# 1518
 Delta R.T. -0.08 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

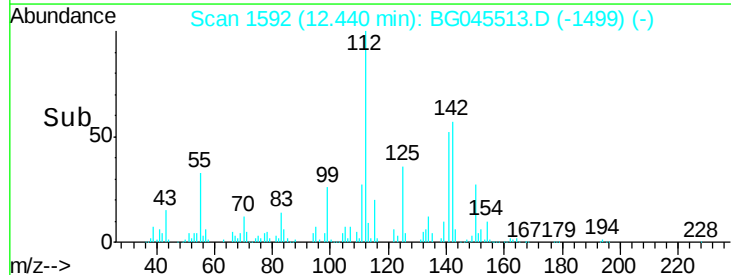
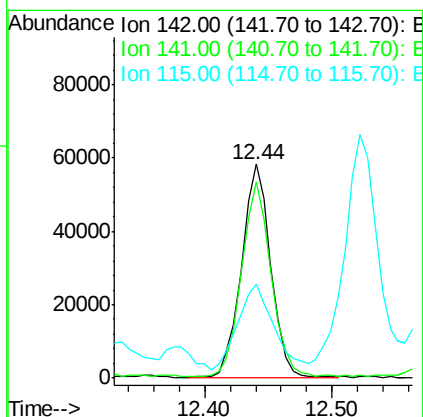
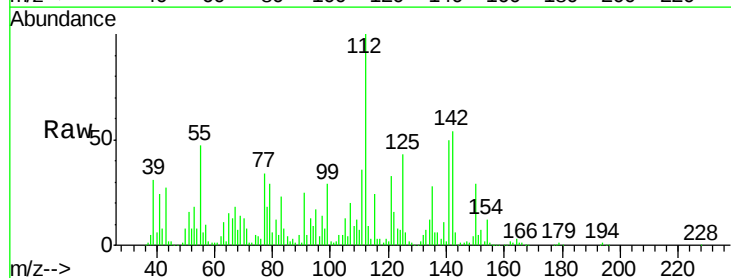
Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

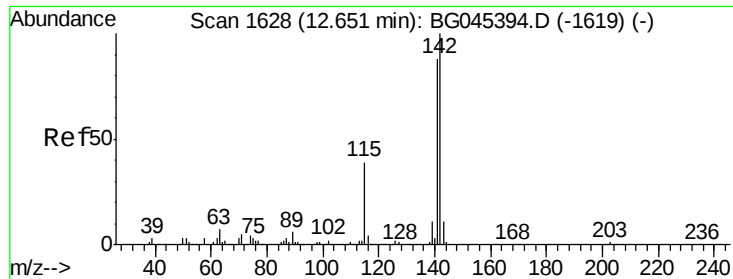
Tot Ion:107 Resp: 542844
 Ion Ratio Lower Upper
 107 100
 144 1.8 20.8 31.2#
 142 0.2 62.8 94.2#



#37
 2-Methylnaphthalene
 Concen: 6.507 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. 0.02 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

Tgt Ion:142 Resp: 92000
 Ion Ratio Lower Upper
 142 100
 141 91.8 70.0 105.0
 115 43.6 30.8 46.2

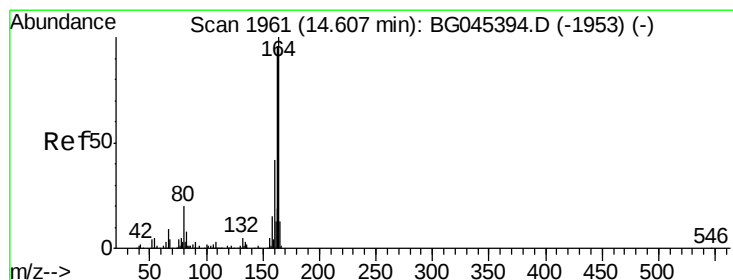
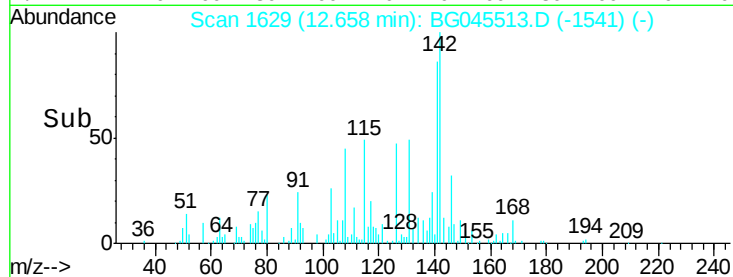
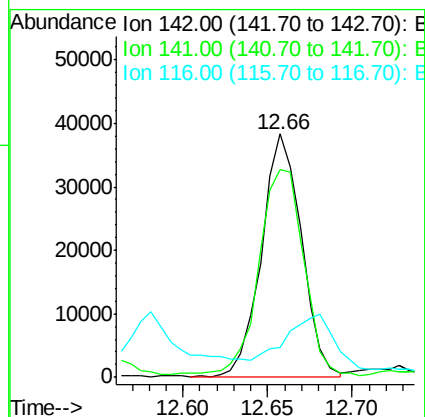
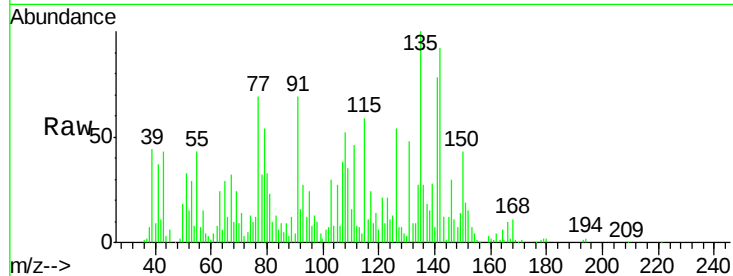




#38
1-Methylnaphthalene
Concen: 4.696 ng
RT: 12.66 min Scan# 1629
Delta R.T. 0.02 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

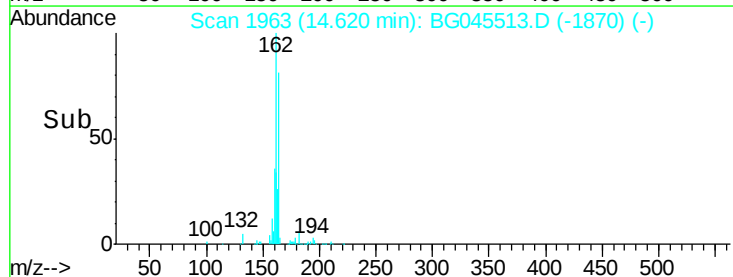
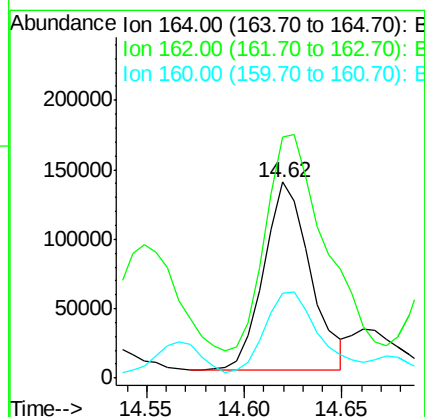
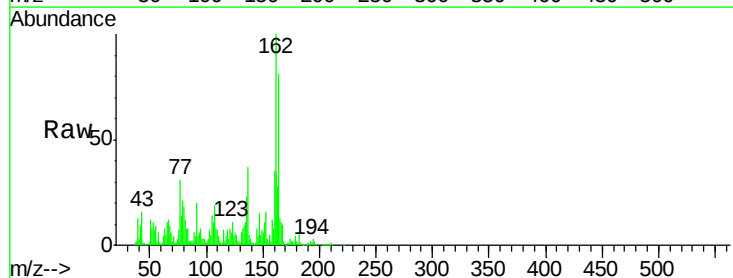
Instrument :
BNA_G
ClientSampled :
C0AP3

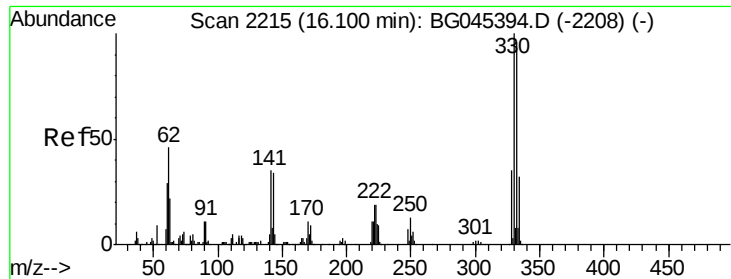
Tot Ion:142 Resp: 62724
Ion Ratio Lower Upper
142 100
141 85.2 70.8 106.2
116 12.2 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.02 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion:164 Resp: 222853
Ion Ratio Lower Upper
164 100
162 122.9 76.9 115.3#
160 43.6 33.8 50.8

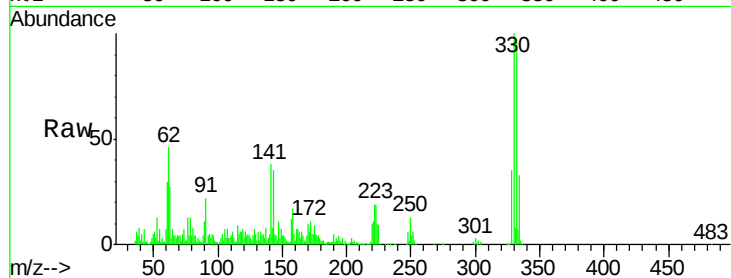




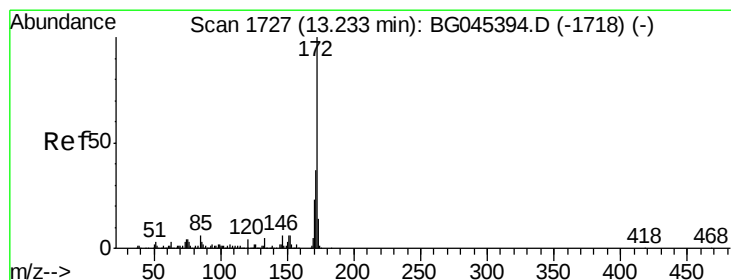
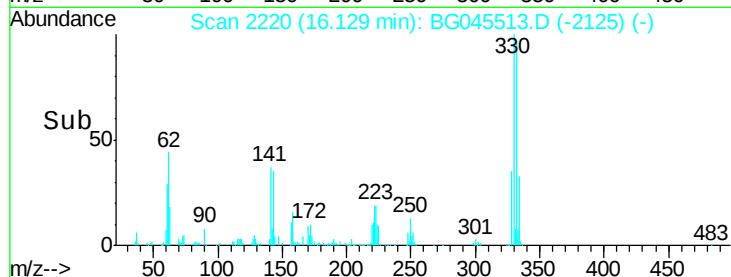
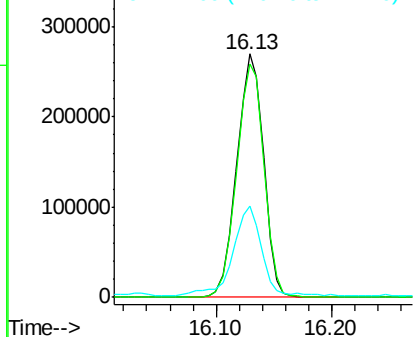
#42
 2,4,6-Tribromophenol
 Concen: 151.705 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.03 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

Tot Ion:330 Resp: 432364
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.2 117.4
 141 39.2 28.2 42.4

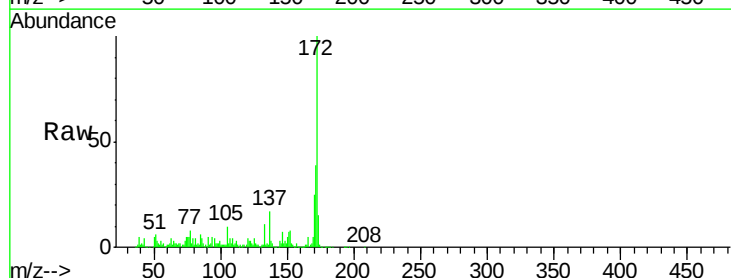


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

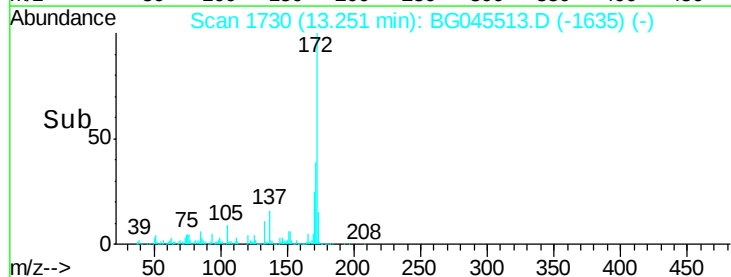
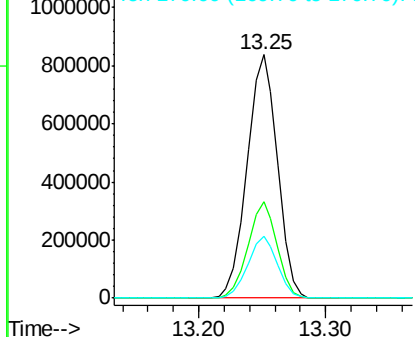


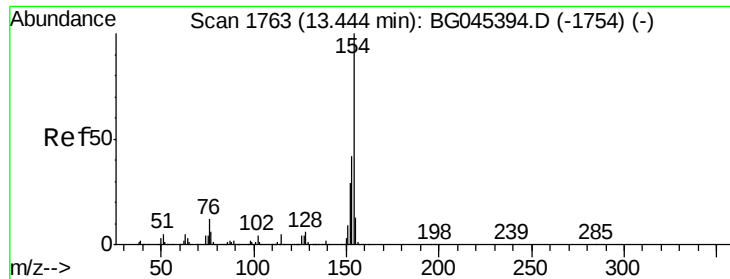
#45
 2-Fluorobiphenyl
 Concen: 105.992 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.03 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

Tgt Ion:172 Resp: 1392562
 Ion Ratio Lower Upper
 172 100
 171 39.5 29.5 44.3
 170 25.2 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

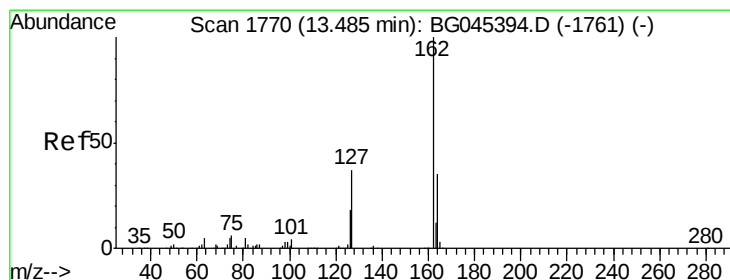
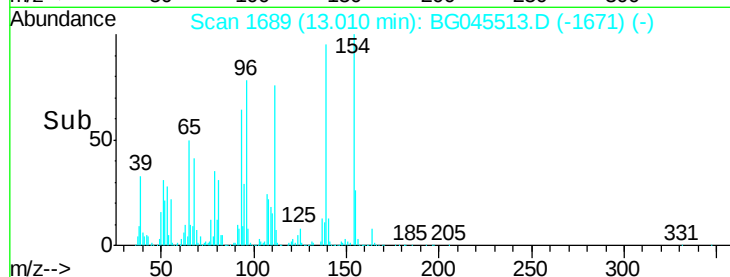
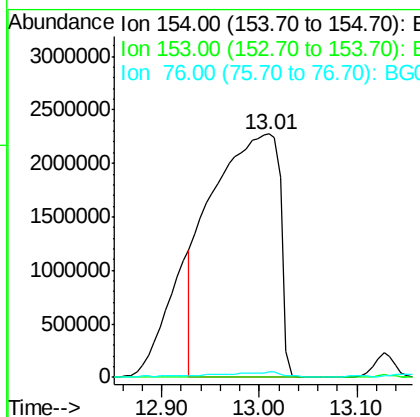
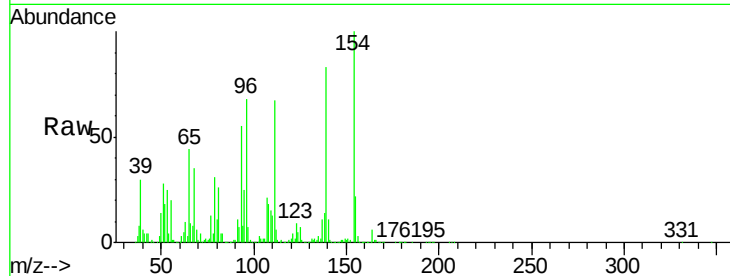




#46
 1,1'-Biphenyl
 Concen: 810.420 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.42 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

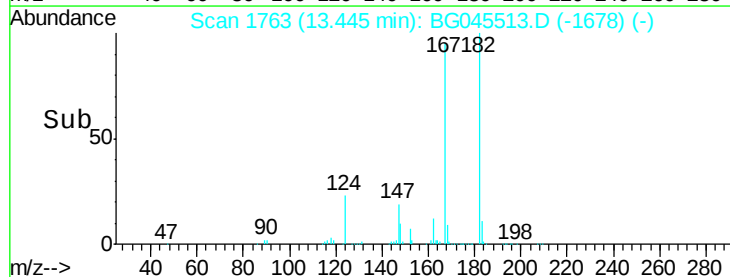
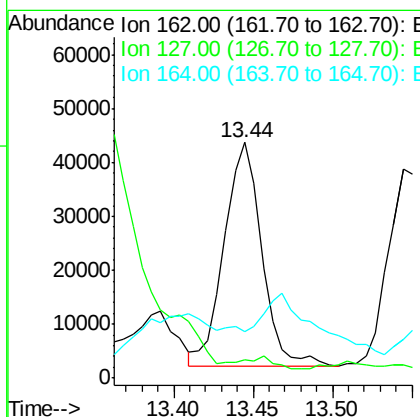
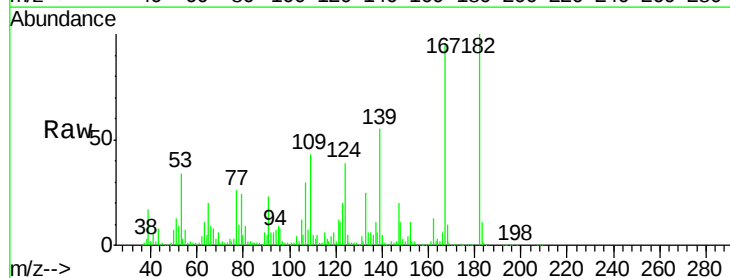
Instrument :
 BNA_G
 ClientSampleId :
 C0AP3

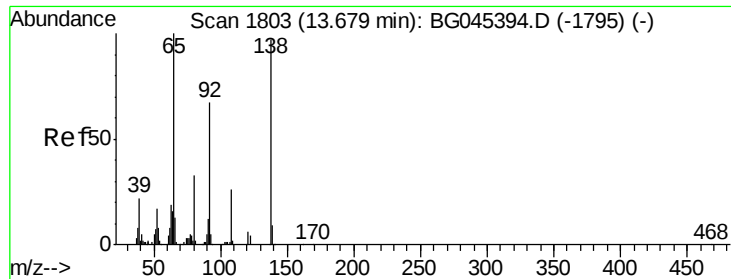
Tot Ion:154 Resp:11097343
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.2 62.2#
 76 2.0 0.0 32.4



#47
 2-Chloronaphthalene
 Concen: 6.093 ng
 RT: 13.44 min Scan# 1763
 Delta R.T. -0.03 min
 Lab File: BG045513.D
 Acq: 29 May 2020 5:06

Tgt Ion:162 Resp: 67747
 Ion Ratio Lower Upper
 162 100
 127 7.5 31.6 47.4#
 164 19.9 28.1 42.1#

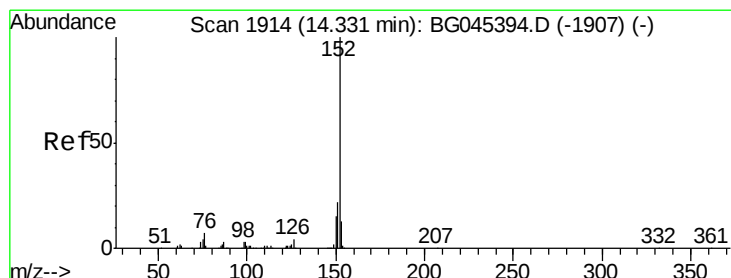
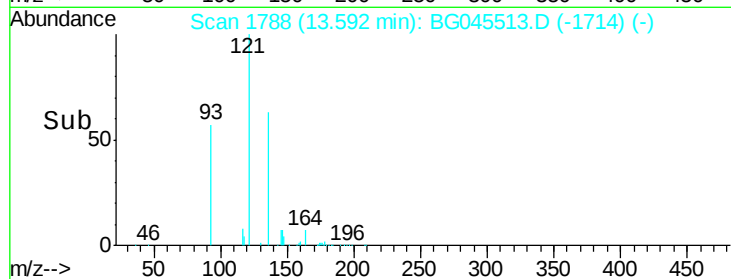
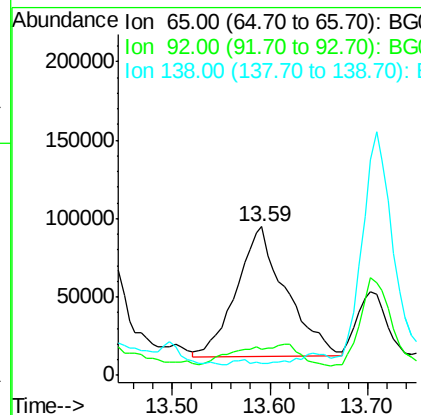
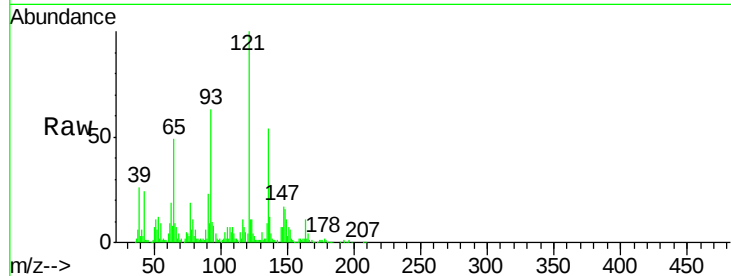




#48
2-Nitroaniline
Concen: 79.132 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.09 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

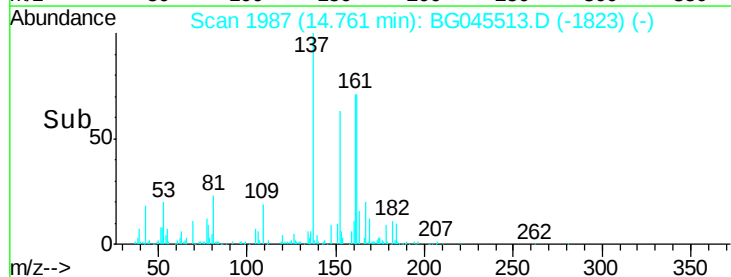
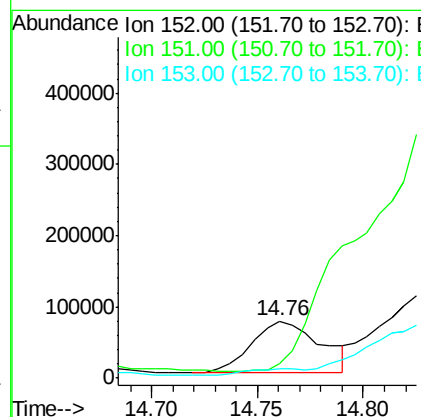
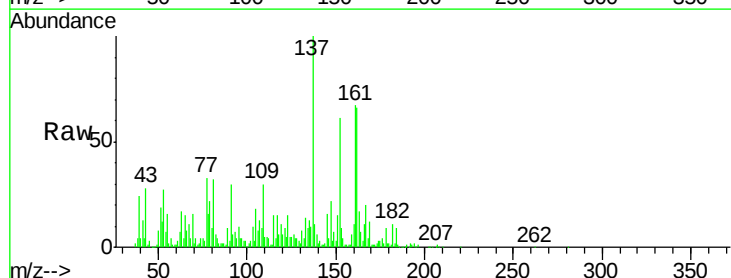
Instrument :
BNA_G
ClientSampleId :
C0AP3

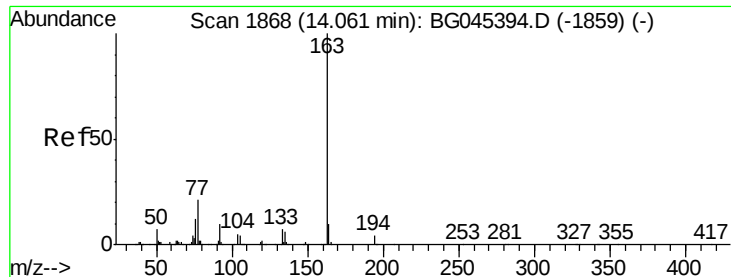
Tot Ion: 65 Resp: 289440
Ion Ratio Lower Upper
65 100
92 17.8 53.8 80.8#
138 8.3 77.9 116.9#



#49
Acenaphthylene
Concen: 9.227 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.43 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion: 152 Resp: 164793
Ion Ratio Lower Upper
152 100
151 24.9 17.4 26.2
153 15.6 10.7 16.1





#50

Dimethylphthalate

Concen: 10.492 ng

RT: 14.14 min Scan# 1881

Delta R.T. 0.08 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C0AP3

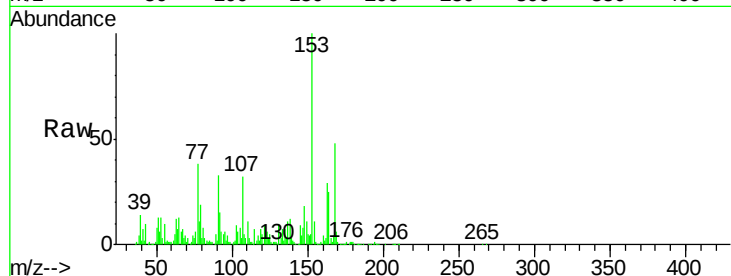
Tot Ion:163 Resp: 160401

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

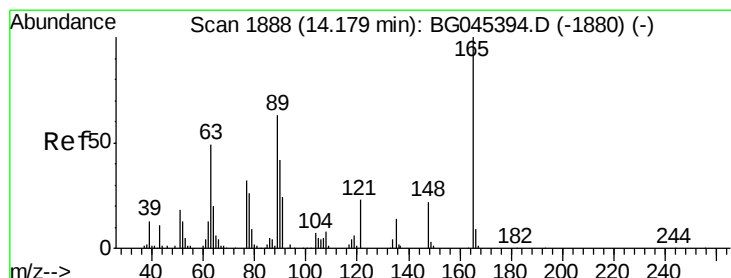
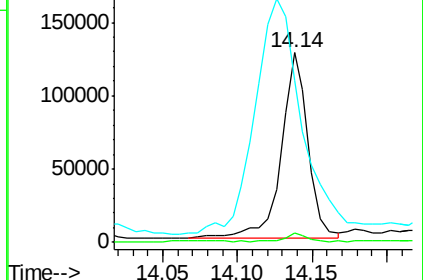
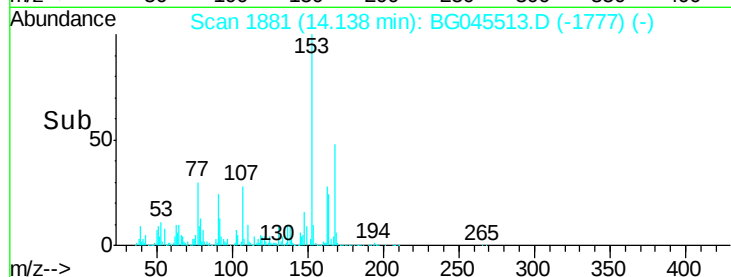
164 85.4 8.3 12.5#



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: 4.285 ng

RT: 14.25 min Scan# 1900

Delta R.T. 0.08 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

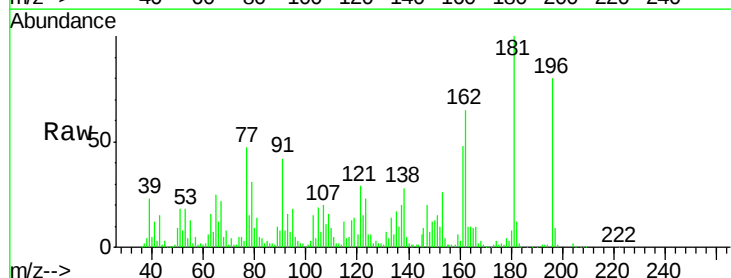
Tgt Ion:165 Resp: 14783

Ion Ratio Lower Upper

165 100

63 185.9 45.0 67.4#

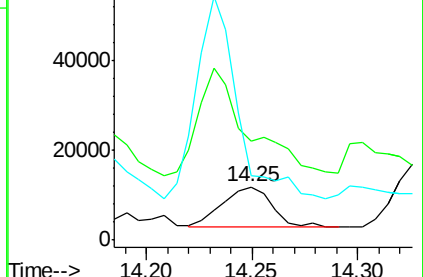
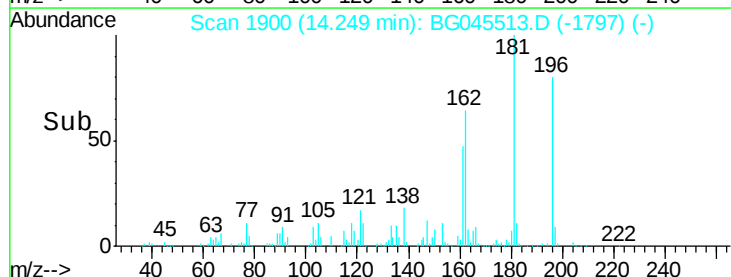
89 120.4 50.2 75.4#

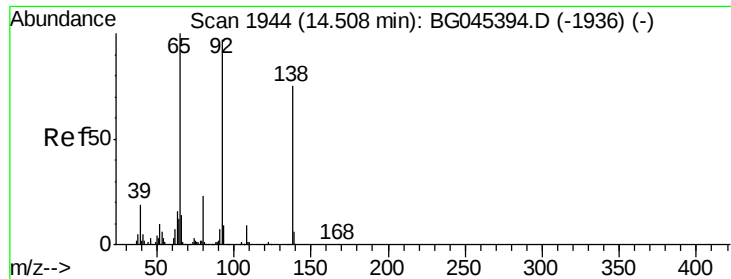


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#53

3-Nitroaniline

Concen: 61.402 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.06 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C0AP3

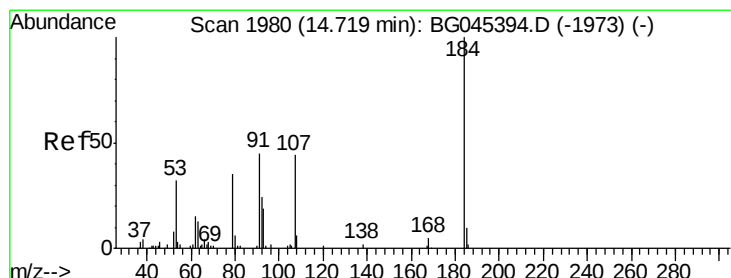
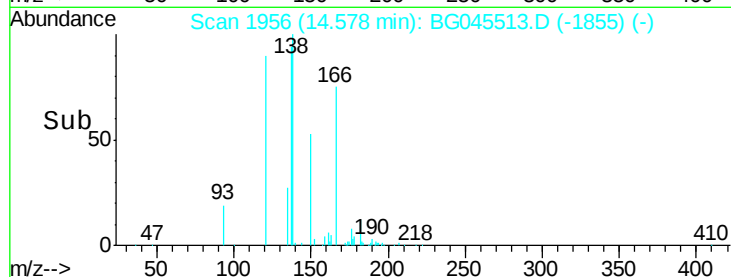
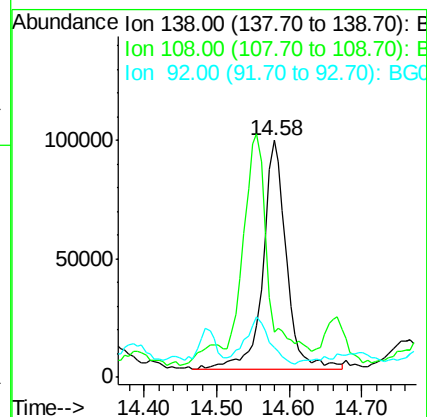
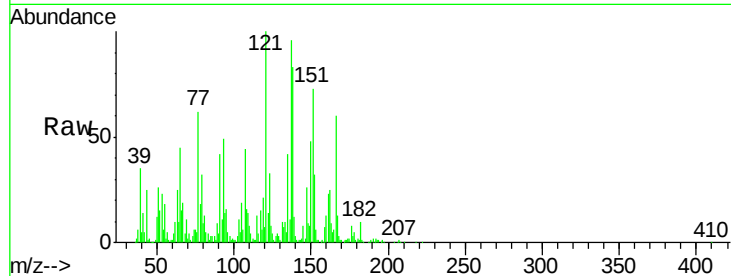
Tot Ion:138 Resp: 215320

Ion Ratio Lower Upper

138 100

108 19.2 9.8 14.6#

92 12.6 103.0 154.4#



#54

2,4-Dinitrophenol

Concen: 39.264 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.02 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

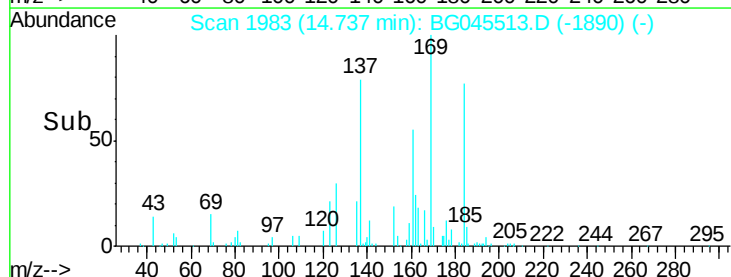
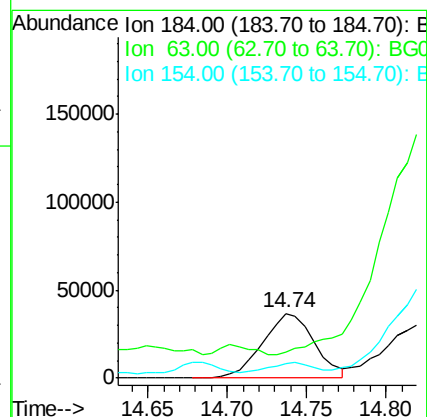
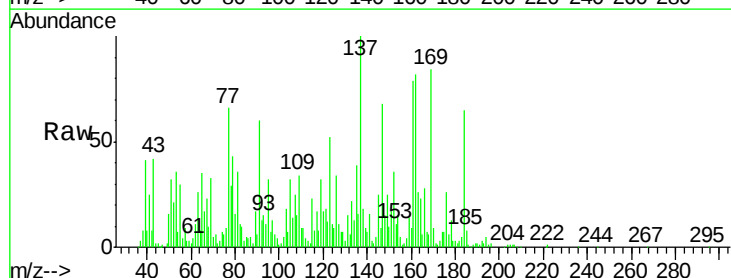
Tgt Ion:184 Resp: 81984

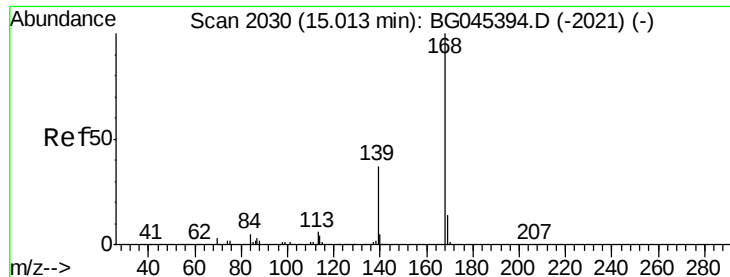
Ion Ratio Lower Upper

184 100

63 40.5 47.8 71.6#

154 23.2 58.3 87.5#





#55

Dibenzenofuran

Concen: 155.841 ng

RT: 14.85 min Scan# 2003

Delta R.T. -0.15 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C0AP3

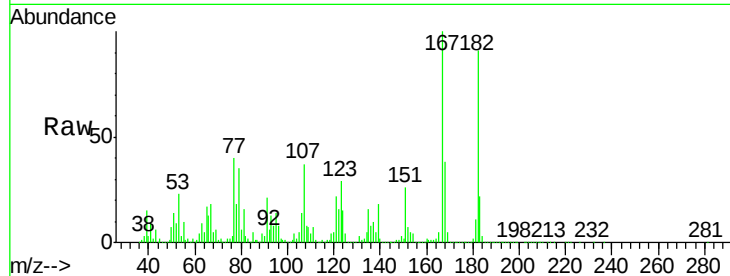
Tot Ion:168 Resp: 2766842

Ion Ratio Lower Upper

168 100

139 47.1 29.9 44.9#

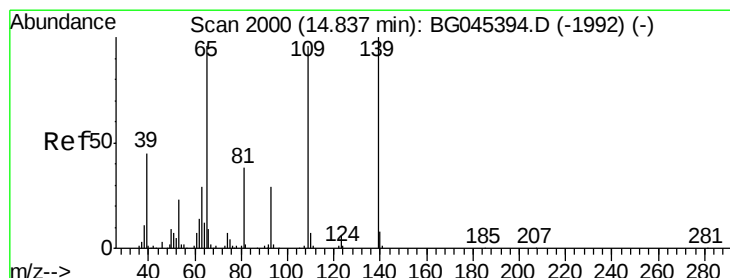
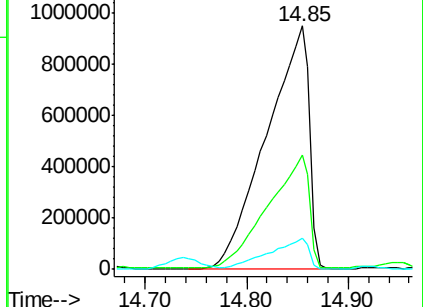
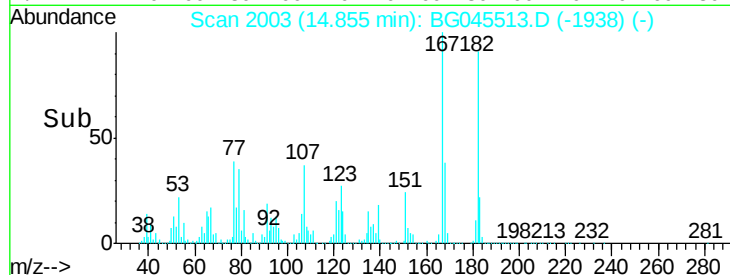
169 12.9 10.9 16.3



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: 470.204 ng

RT: 14.85 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

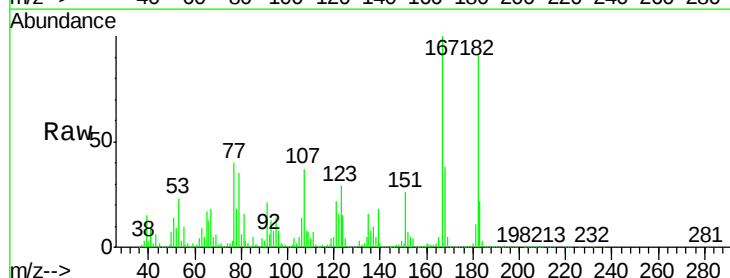
Tgt Ion:139 Resp: 1248355

Ion Ratio Lower Upper

139 100

109 36.7 75.6 115.6#

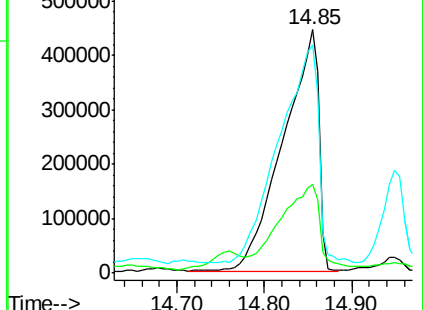
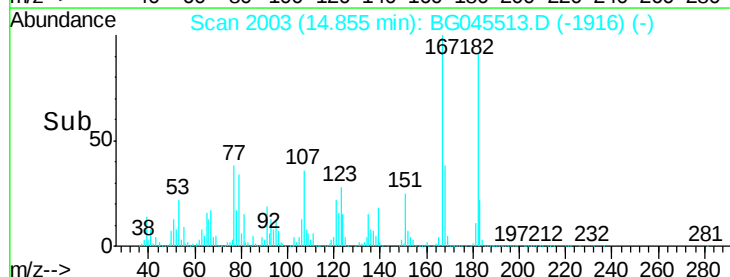
65 93.9 76.8 116.8

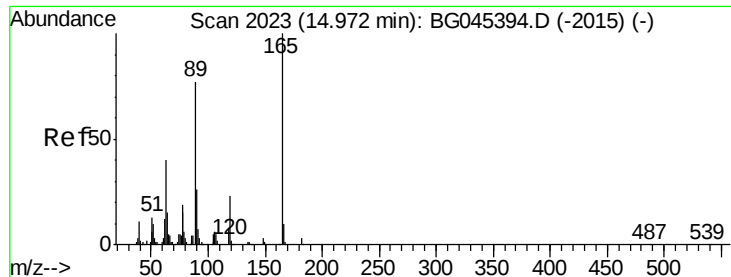


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

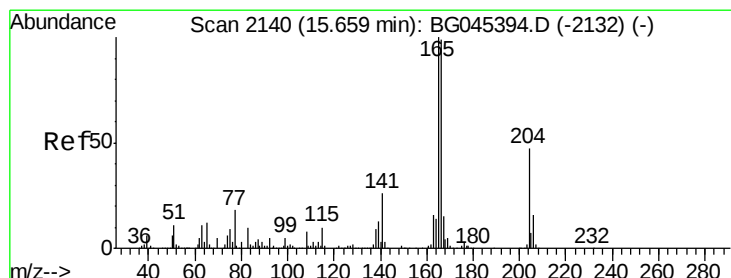
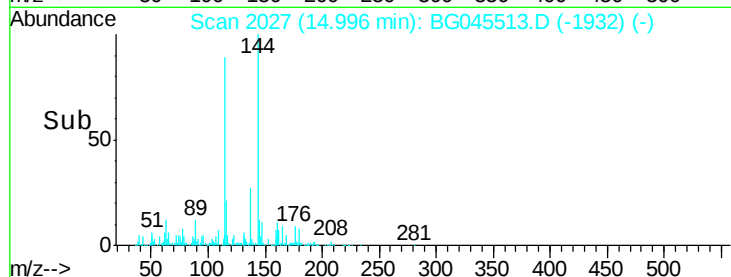
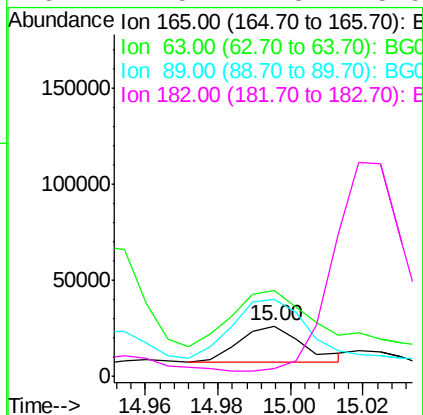
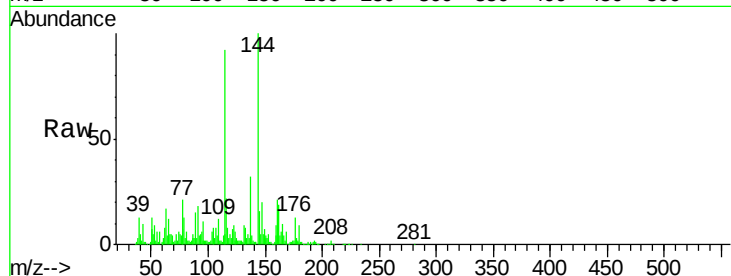




#57
2,4-Dinitrotoluene
Concen: 4.527 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.03 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

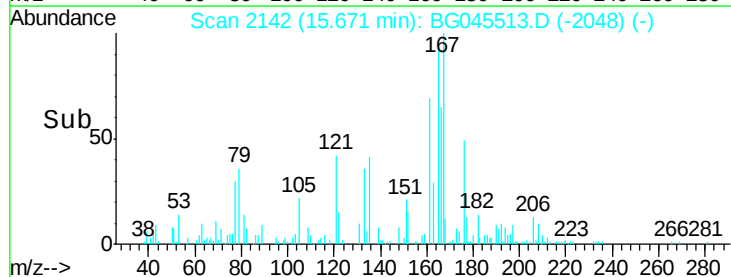
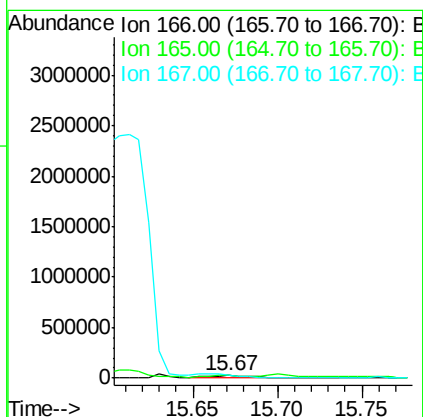
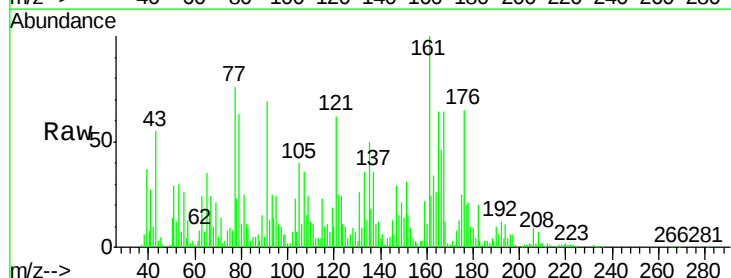
Instrument :
BNA_G
ClientSampleId :
C0AP3

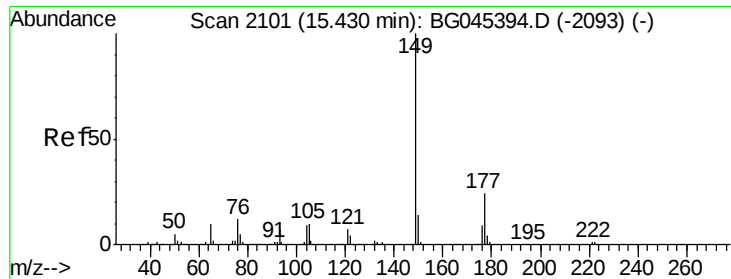
Tot Ion:165 Resp: 22616
Ion Ratio Lower Upper
165 100
63 170.7 32.5 48.7#
89 153.1 61.8 92.6#
182 14.5 2.3 3.5#



#58
Fluorene
Concen: 2.956 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.02 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion:166 Resp: 43118
Ion Ratio Lower Upper
166 100
165 139.4 80.8 121.2#
167 139.5 12.0 18.0#

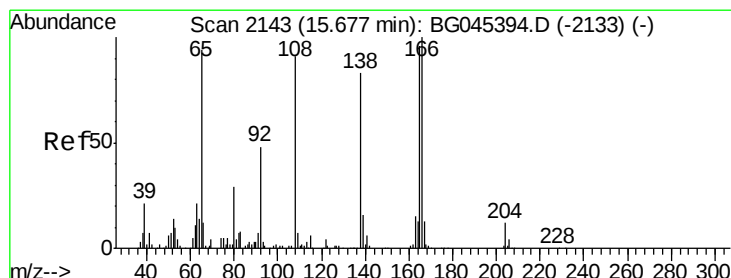
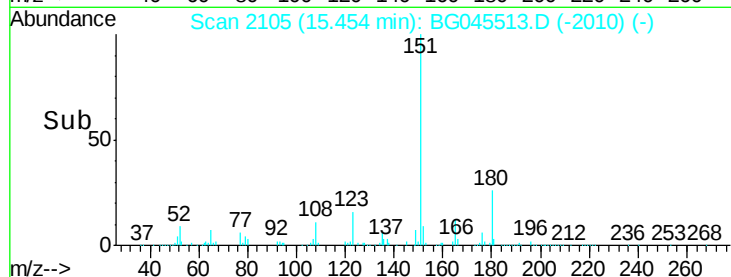
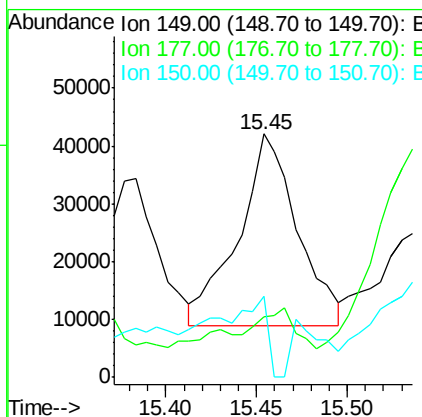
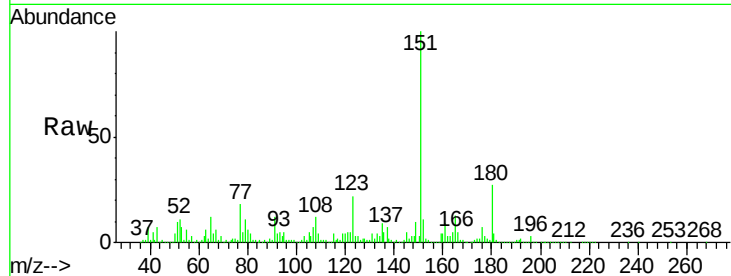




#60
Diethylphthalate
Concen: 4.682 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.03 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

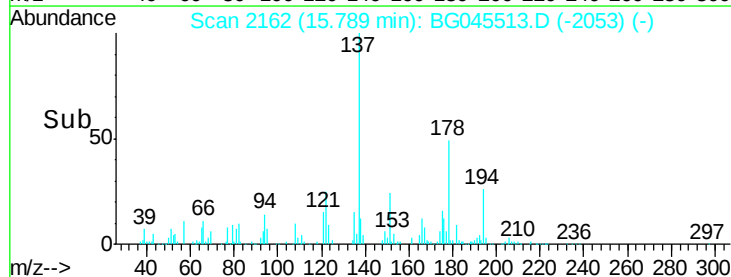
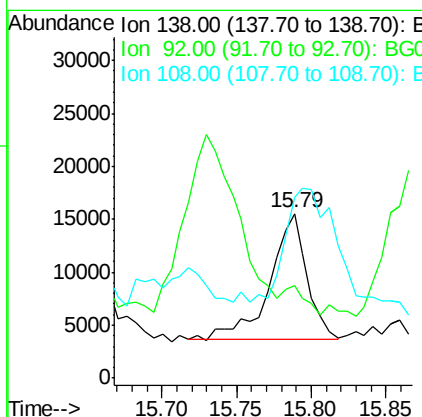
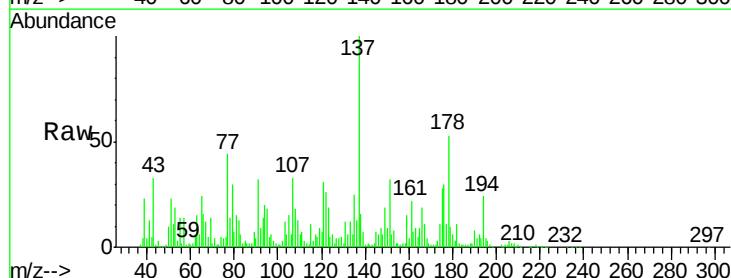
Instrument :
BNA_G
ClientSampleId :
C0AP3

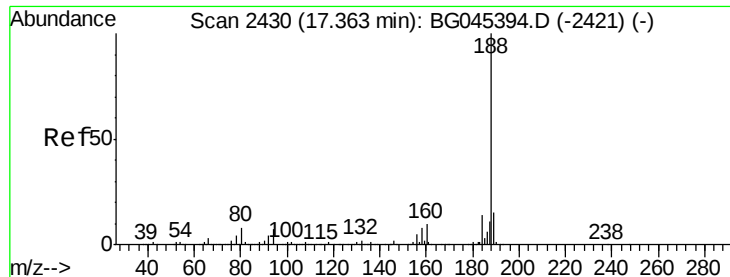
Tot Ion:149 Resp: 74505
Ion Ratio Lower Upper
149 100
177 25.0 19.0 28.4
150 33.1 11.4 17.0#



#62
4-Nitroaniline
Concen: 5.596 ng
RT: 15.79 min Scan# 2162
Delta R.T. 0.11 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion:138 Resp: 20485
Ion Ratio Lower Upper
138 100
92 56.2 38.0 78.0
108 109.8 89.3 129.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.02 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C0AP3

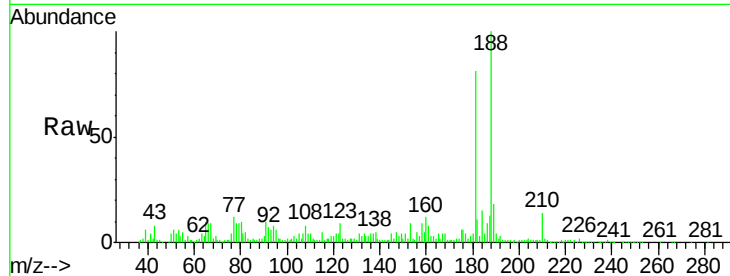
Tot Ion:188 Resp: 431194

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

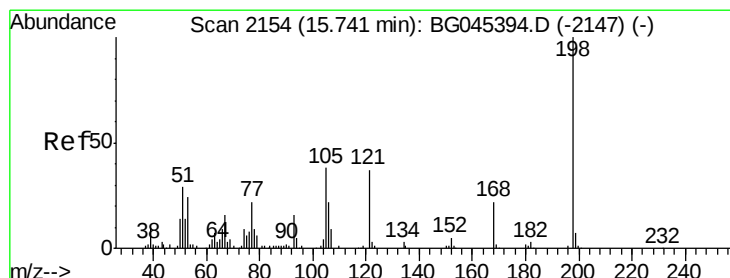
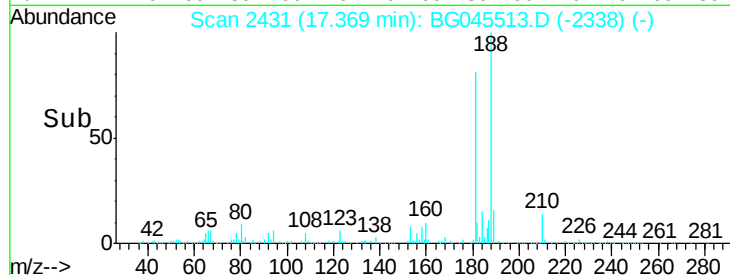
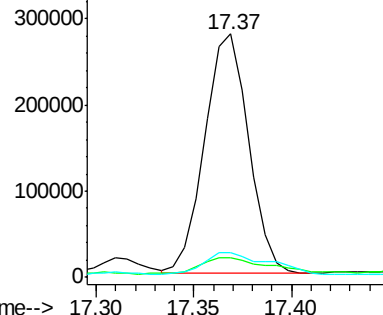
80 10.0 6.6 10.0#



Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.448 ng

RT: 15.34 min Scan# 2086

Delta R.T. -0.39 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

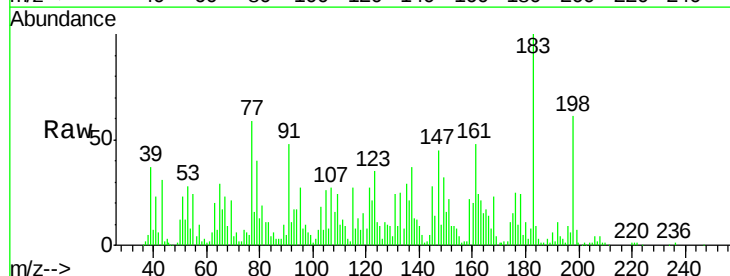
Tgt Ion:198 Resp: 58884

Ion Ratio Lower Upper

198 100

51 38.1 10.0 50.0

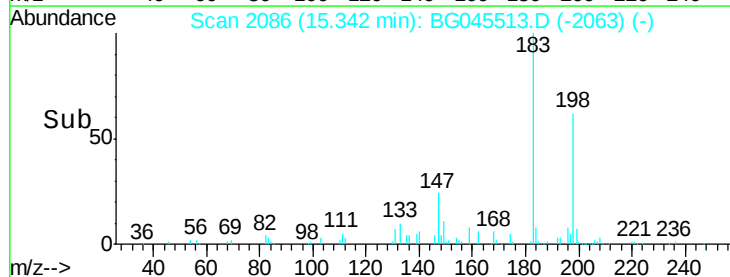
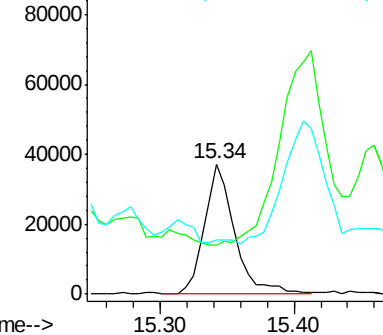
105 41.8 18.9 58.9

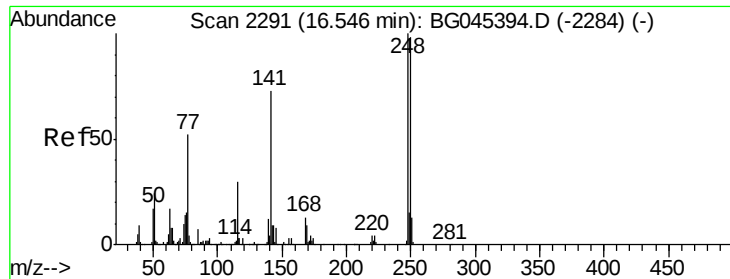


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

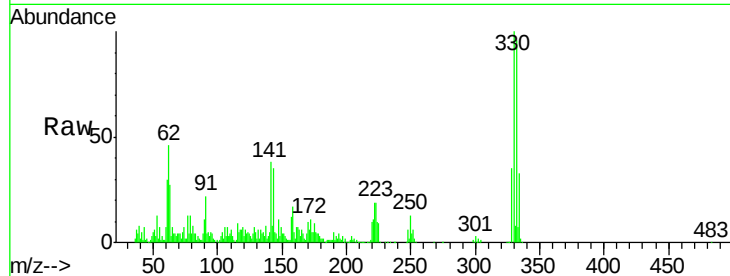




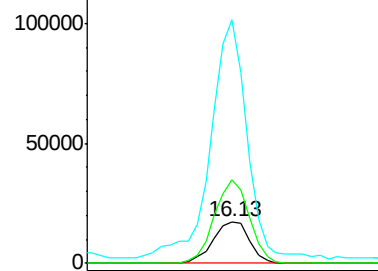
#67
4-Bromophenyl-phenylether
Concen: 6.288 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.41 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Instrument :
BNA_G
ClientSampleId :
C0AP3

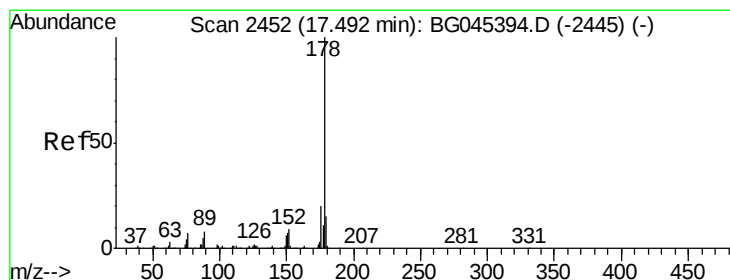
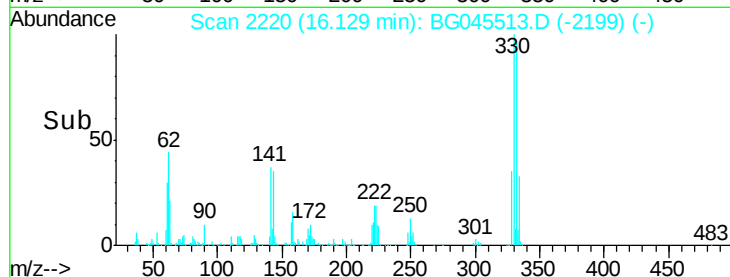
Tot Ion:248 Resp: 29360
Ion Ratio Lower Upper
248 100
250 199.5 78.6 117.8#
141 581.7 58.2 87.2#



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

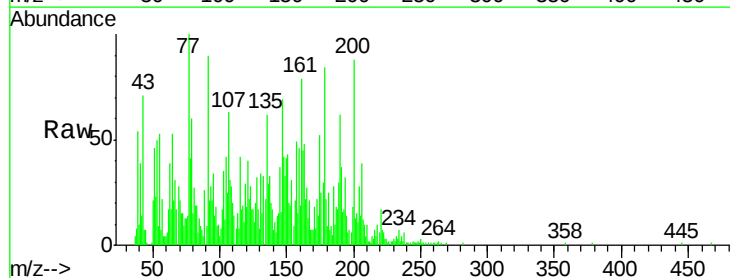


Time-->

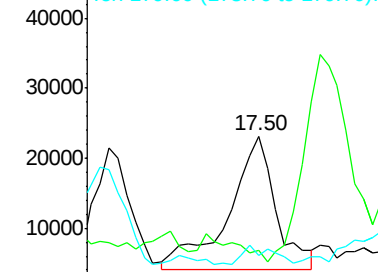


#72
Anthracene
Concen: 2.215 ng
RT: 17.50 min Scan# 2454
Delta R.T. 0.02 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

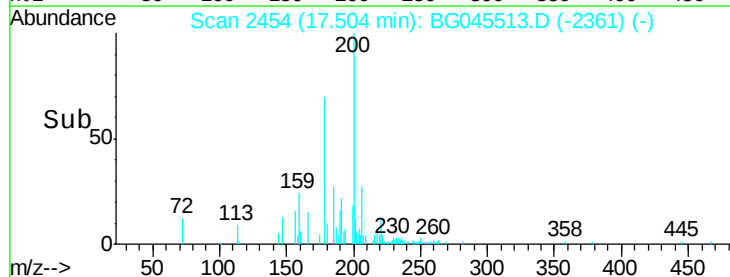
Tgt Ion:178 Resp: 41873
Ion Ratio Lower Upper
178 100
176 29.3 15.8 23.6#
179 26.3 12.2 18.4#

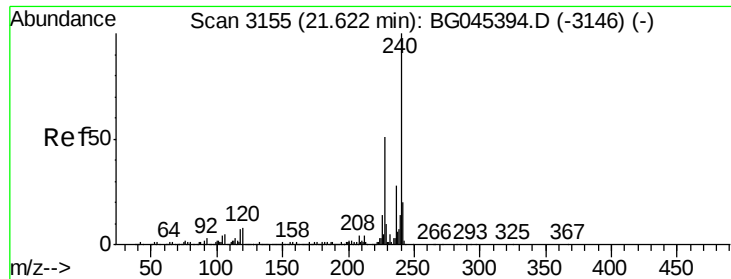


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C0AP3

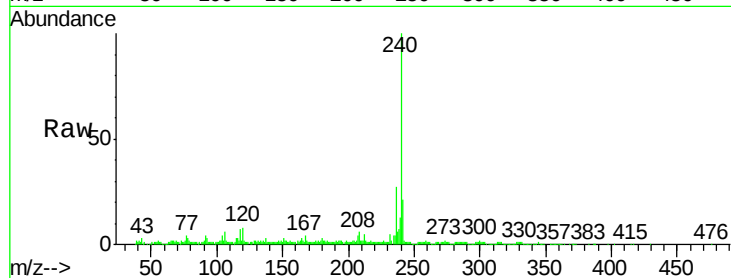
Tot Ion:240 Resp: 412739

Ion Ratio Lower Upper

240 100

120 7.6 6.1 9.1

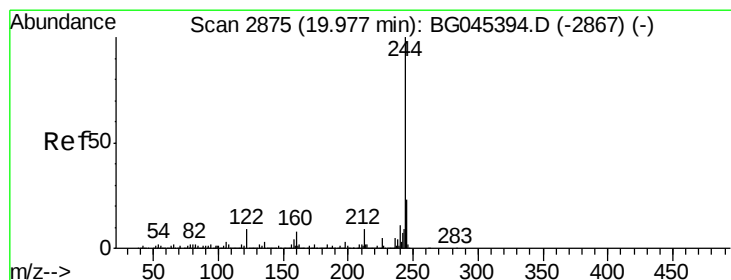
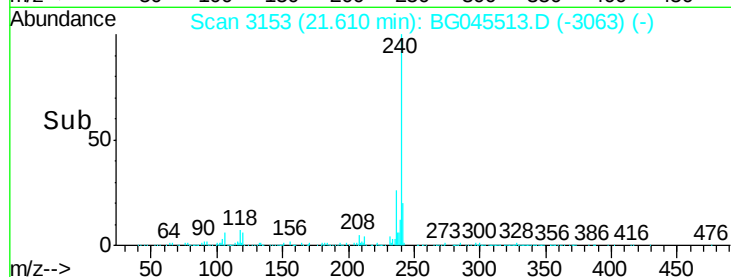
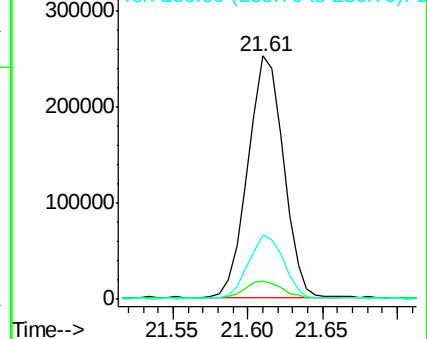
236 26.7 22.3 33.5



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



#79

Terphenyl-d14

Concen: 109.661 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.01 min

Lab File: BG045513.D

Acq: 29 May 2020 5:06

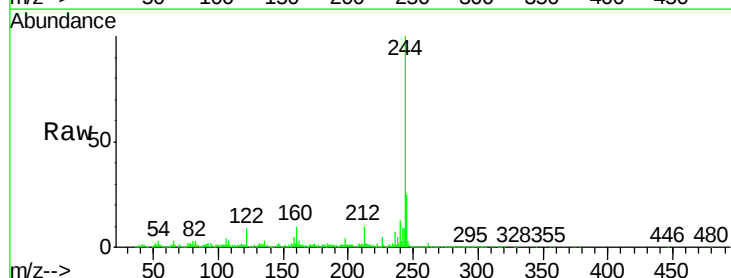
Tgt Ion:244 Resp: 1940627

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.0

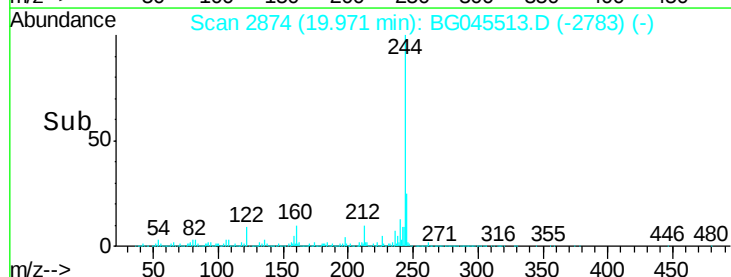
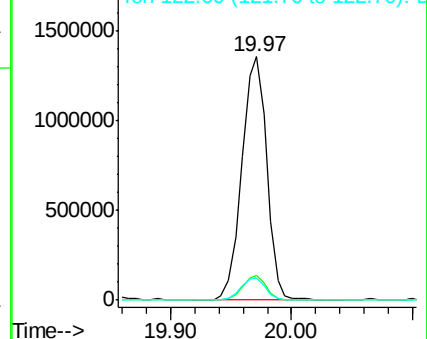
122 9.2 6.8 10.2

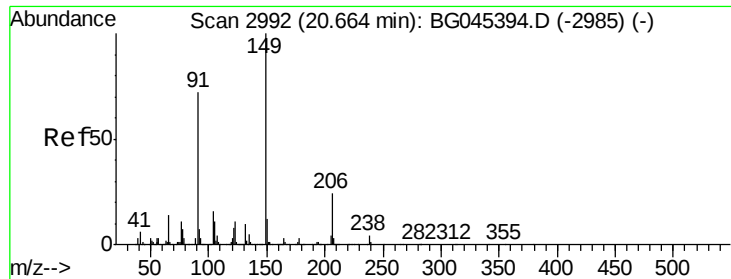


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

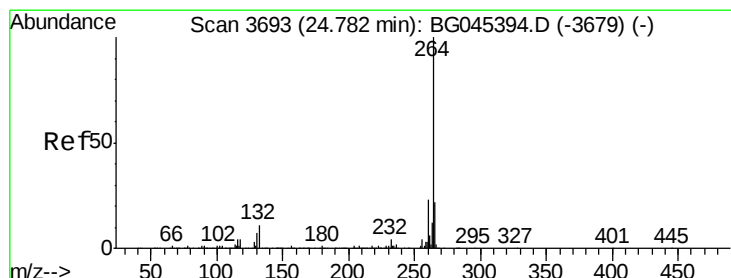
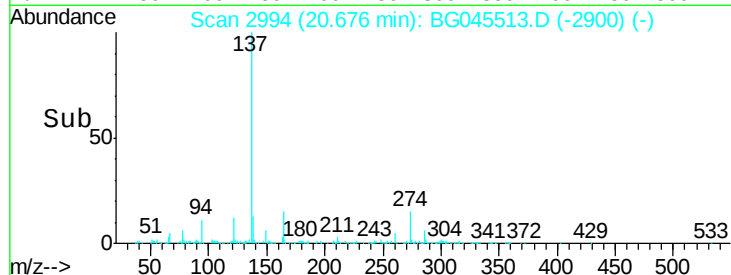
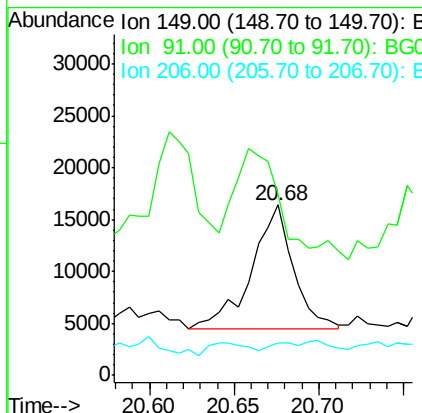
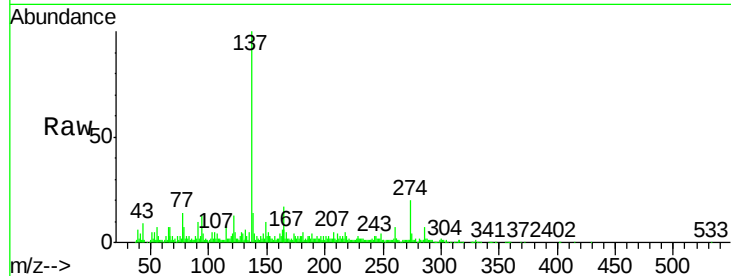




#80
Butylbenzylphthalate
Concen: 2.040 ng
RT: 20.68 min Scan# 2994
Delta R.T. 0.02 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Instrument :
BNA_G
ClientSampleId :
C0AP3

Tot Ion:149 Resp: 20717
Ion Ratio Lower Upper
149 100
91 106.6 57.8 86.6#
206 19.0 19.1 28.7#



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3690
Delta R.T. 0.01 min
Lab File: BG045513.D
Acq: 29 May 2020 5:06

Tgt Ion:264 Resp: 457788
Ion Ratio Lower Upper
264 100
260 25.0 18.2 27.4
265 23.2 17.6 26.4

