

Data File : BG042142.D
Acq On : 12 Aug 2019 12:36
Operator : HP/JU
Sample : K4184-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA3

Quant Time: Aug 13 04:49:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.03
18) Naphthalene-d8	11.01	136	1274	20.00	ng/ul	0.16
35) Acenaphthene-d10	14.58	164	1698	20.00	ng/ul	-0.10
61) Phenanthrene-d10	17.53	188	215570	20.00	ng/ul	0.10
77) Chrysene-d12	21.72	240	1623	20.00	ng/ul	0.00
85) Perylene-d12	24.76	264	239449	20.00	ng/ul	-0.23

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	7347	0.00	ng/uL	0.00
5) Phenol-d5	7.18	99	42690	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	115488	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	139512	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	61560	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	606	63.19	ng/ul	0.09
22) 2-Nitrophenol-d4	10.05	143	331	29.73	ng/ul	0.13
26) 2,4-Dichlorophenol-d3	10.47	165	306399	13630.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	54346	2178.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	762844	5792.64	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	212070	1409.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	39161	1770.99	ng/ul	0.00
57) Fluorene-d10	15.68	176	614961	5248.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	152	0.11	ng/ul	0.12
70) Anthracene-d10	17.53	188	215570	20.84	ng/ul	0.00
78) Pyrene-d10	19.82	212	542750	5992.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	239449	19.14	ng/ul	0.00

Target Compounds

					Qvalue	
20) Nitrobenzene	9.30	77	547	25.043	ng/ul#	15
21) Isophorone	9.92	82	7801	179.127	ng/ul#	68
23) 2-Nitrophenol	10.47	139	1707	143.490	ng/ul#	1
25) Bis(2-Chloroethoxy)methane	10.47	93	408	15.780	ng/ul#	1
27) 2,4-Dichlorophenol	10.47	162	57	2.557	ng/ul#	1
28) Naphthalene	11.02	128	75	1.152	ng/ul#	1
30) 4-Chloroaniline	10.97	127	412	16.436	ng/ul#	13
32) Caprolactam	11.94	113	113	15.669	ng/ul#	1
41) 2-Chloronaphthalene	13.36	162	2342	23.557	ng/ul#	74
42) 2-Nitroaniline	14.09	65	3056	117.505	ng/ul#	1
44) Dimethylphthalate	14.09	163	696	5.323	ng/ul#	1
45) 2,6-Dinitrotoluene	14.13	165	875	30.765	ng/ul#	46
48) 3-Nitroaniline	14.21	138	193	8.509	ng/ul#	8
49) Acenaphthene	14.58	153	893	8.411	ng/ul#	14
52) 4-Nitrophenol	14.37	109	153	9.337	ng/ul#	1
54) 2,4-Dinitrotoluene	15.08	165	182	4.401	ng/ul#	42
56) Diethylphthalate	15.50	149	269	2.068	ng/ul#	25
58) Fluorene	15.68	166	1440	11.283	ng/ul#	1
60) 4-Nitroaniline	15.67	138	114	4.511	ng/ul#	1
71) Anthracene	17.67	178	12149	1.015	ng/ul#	1
80) Butylbenzylphthalate	20.72	149	141	3.281	ng/ul#	60
83) Bis(2-ethylhexyl)phthalate	21.61	149	1847	31.502	ng/ul#	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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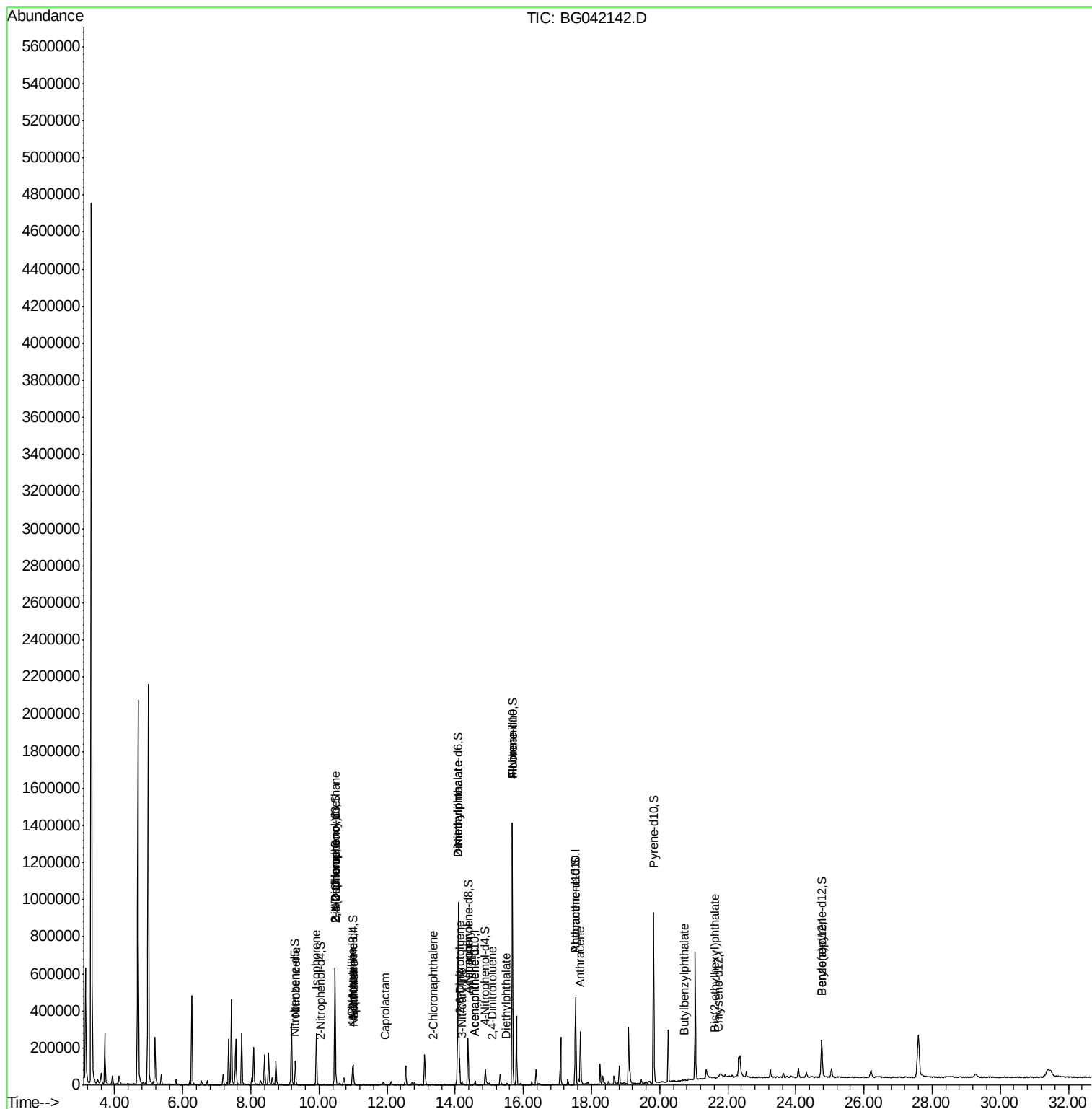
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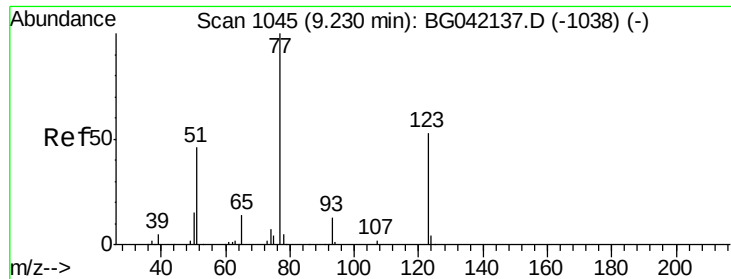
Data File : BG042142.D

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Operator     : HP/JU
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Instrument :
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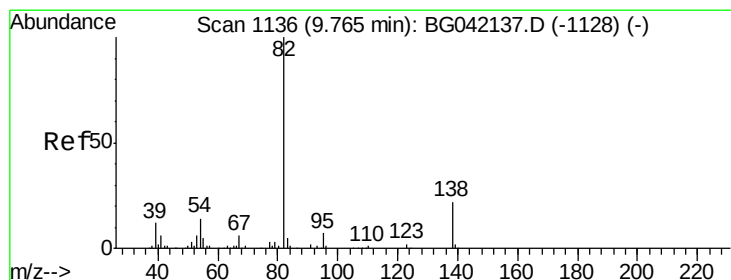
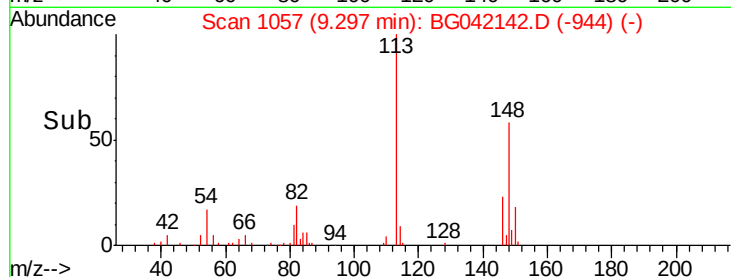
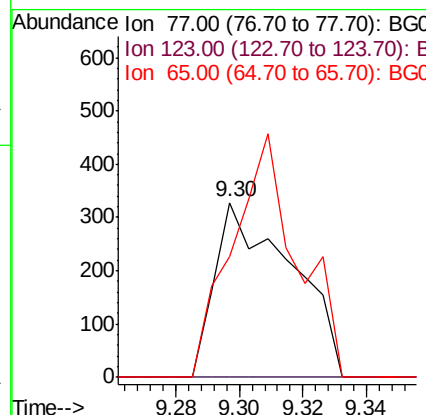
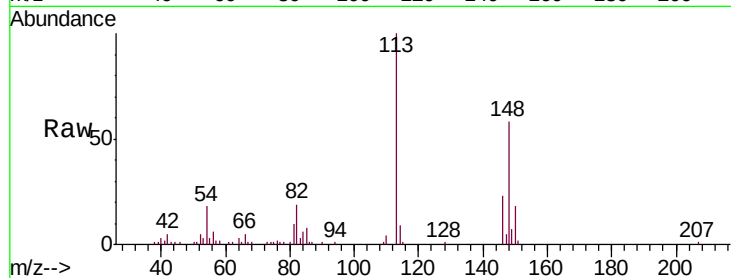




#20
Nitrobenzene
Concen: 25.043 ng/ul
RT: 9.30 min Scan# 1057
Delta R.T. 0.07 min
Lab File: BG042142.D
Acq: 12 Aug 2019 12:36

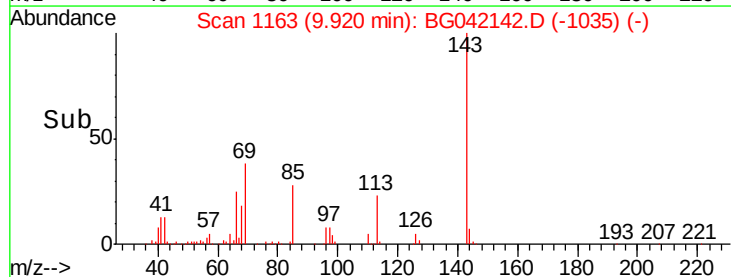
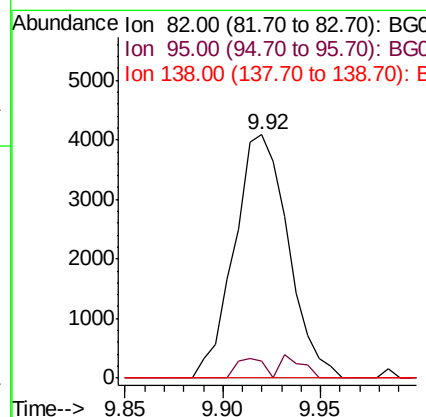
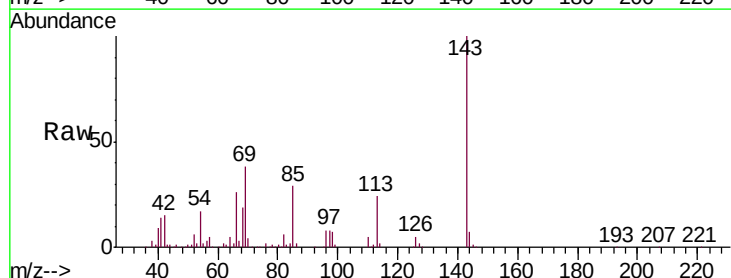
Instrument :
BNA_G
ClientSampleId :
C0AA3

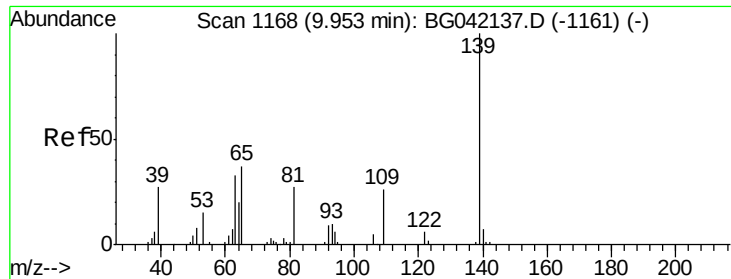
Tgt Ion: 77 Resp: 547
Ion Ratio Lower Upper
77 100
123 0.0 38.3 57.5#
65 69.2 11.6 17.4#



#21
Isophorone
Concen: 179.127 ng/ul
RT: 9.92 min Scan# 1163
Delta R.T. 0.15 min
Lab File: BG042142.D
Acq: 12 Aug 2019 12:36

Tgt Ion: 82 Resp: 7801
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 0.0 15.8 23.8#





#23

2-Nitrophenol

Concen: 143.490 ng/ul

RT: 10.47 min Scan# 1257

Delta R.T. 0.52 min

Lab File: BG042142.D

Acq: 12 Aug 2019 12:36

Instrument :

BNA_G

ClientSampled :

C0AA3

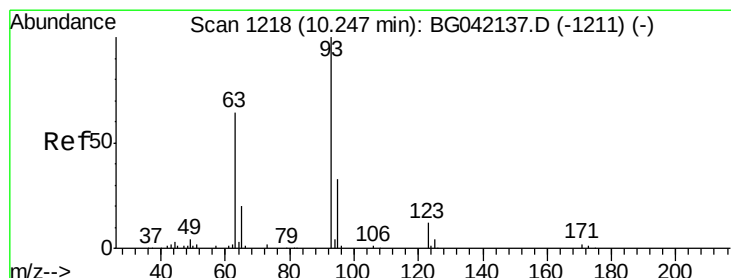
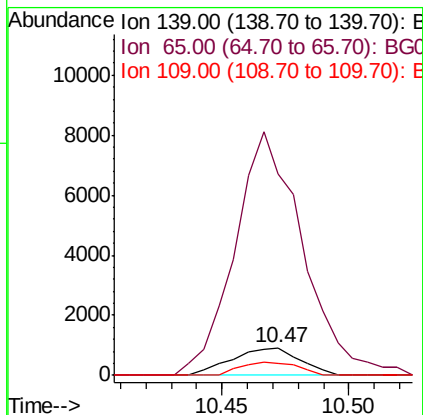
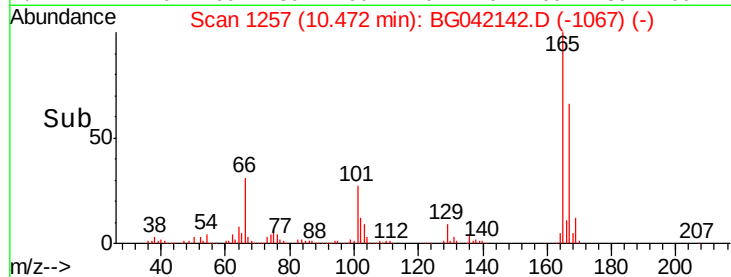
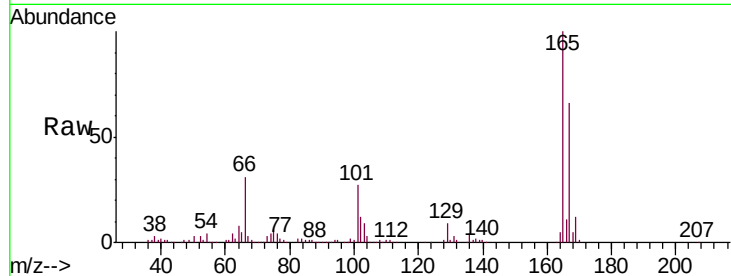
Tgt Ion:139 Resp: 1707

Ion Ratio Lower Upper

139 100

65 737.1 38.6 57.8#

109 41.9 21.9 32.9#



#25

Bis(2-Chloroethoxy)methane

Concen: 15.780 ng/ul

RT: 10.47 min Scan# 1256

Delta R.T. 0.22 min

Lab File: BG042142.D

Acq: 12 Aug 2019 12:36

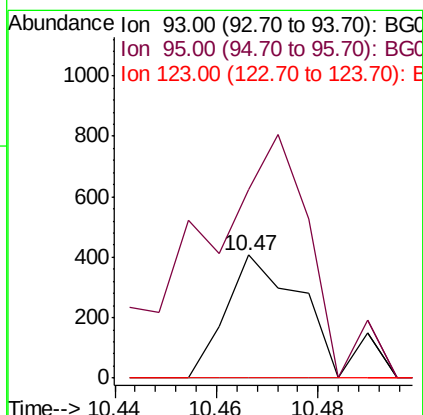
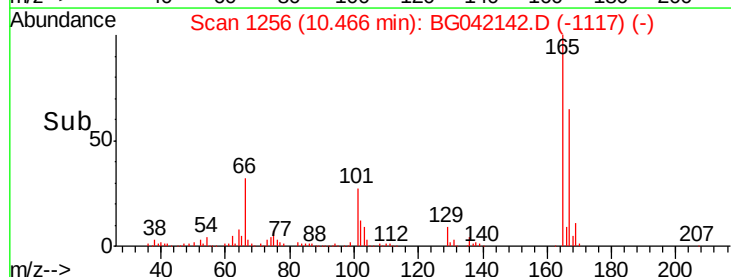
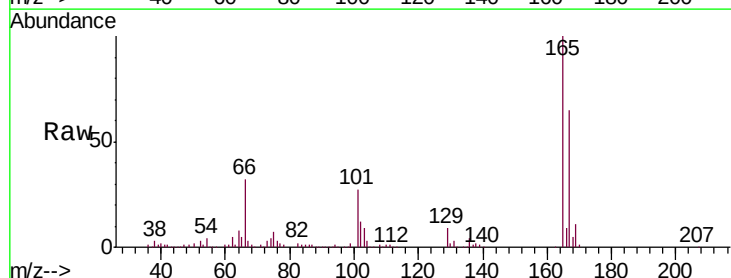
Tgt Ion: 93 Resp: 408

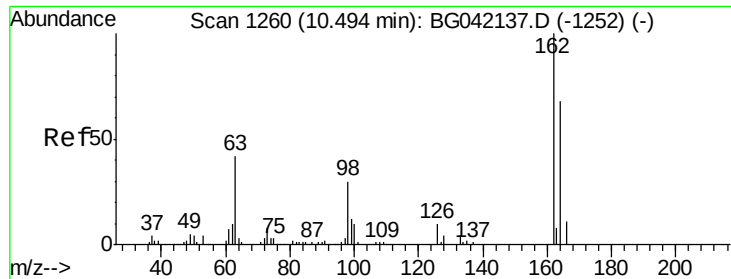
Ion Ratio Lower Upper

93 100

95 152.7 25.4 38.0#

123 0.0 9.6 14.4#

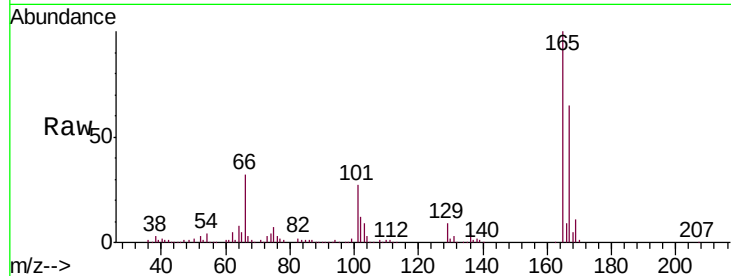




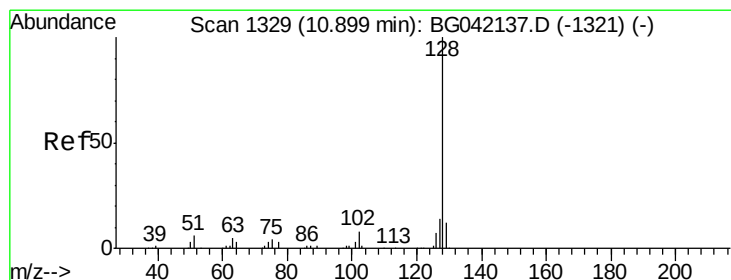
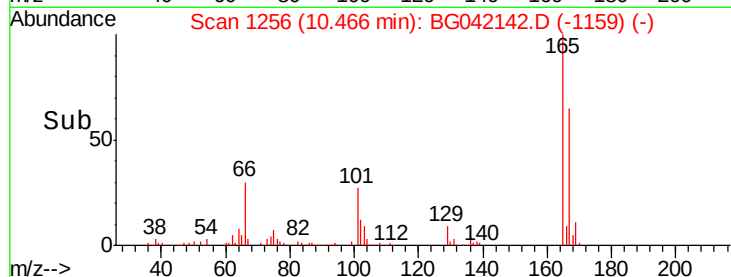
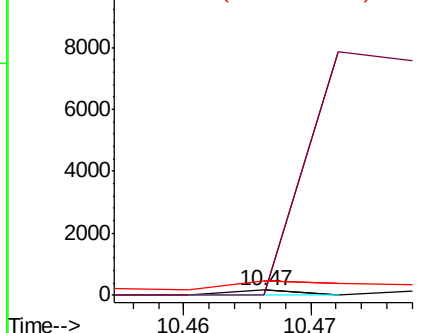
#27
 2,4-Dichlorophenol
 Concen: 2.557 ng/ul
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.03 min
 Lab File: BG042142.D
 Acq: 12 Aug 2019 12:36

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	54.6	82.0#
98	279.0	24.6	36.8#

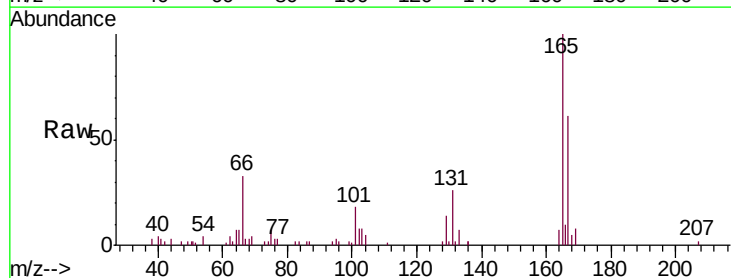


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

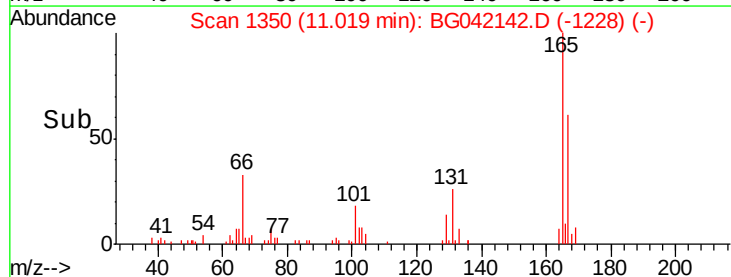
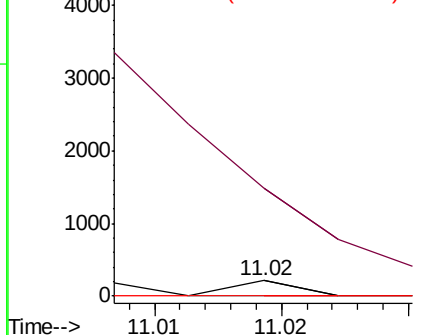


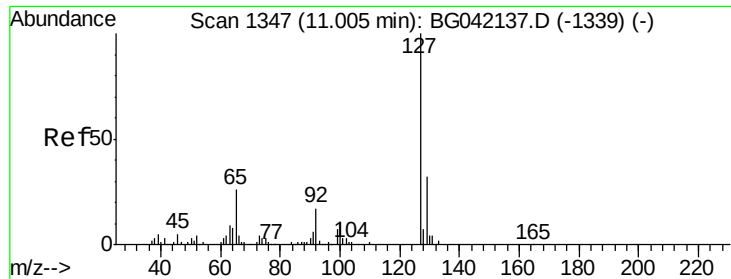
#28
 Naphthalene
 Concen: 1.152 ng/ul
 RT: 11.02 min Scan# 1350
 Delta R.T. 0.12 min
 Lab File: BG042142.D
 Acq: 12 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	698.6	9.5	14.3#
127	0.0	11.4	17.0#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

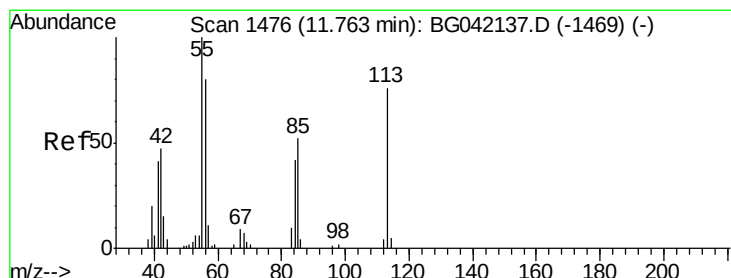
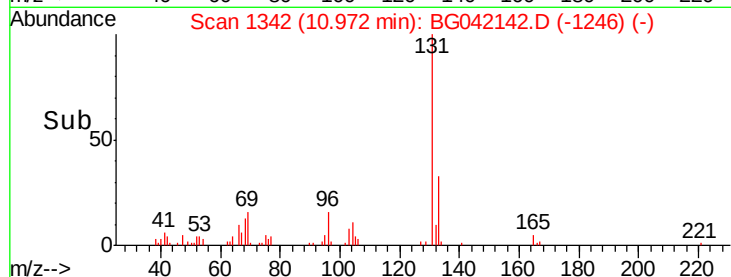
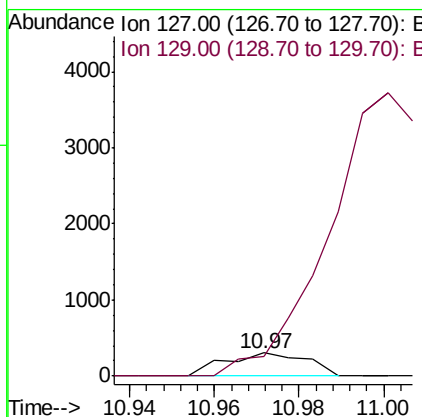
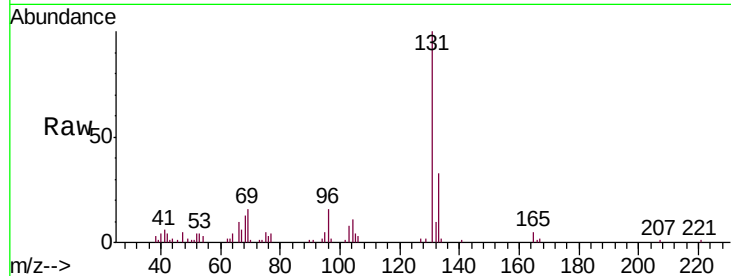




#30
 4-Chloroaniline
 Concen: 16.436 ng/ul
 RT: 10.97 min Scan# 1342
 Delta R.T. -0.03 min
 Lab File: BG042142.D
 Acq: 12 Aug 2019 12:36

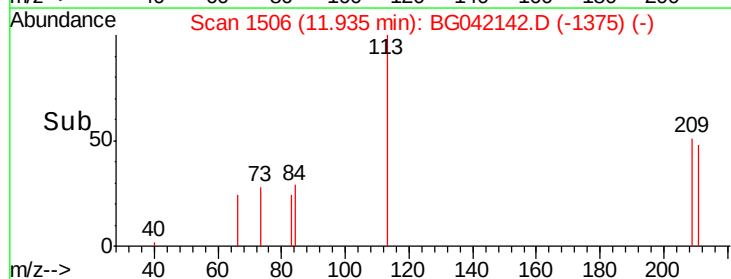
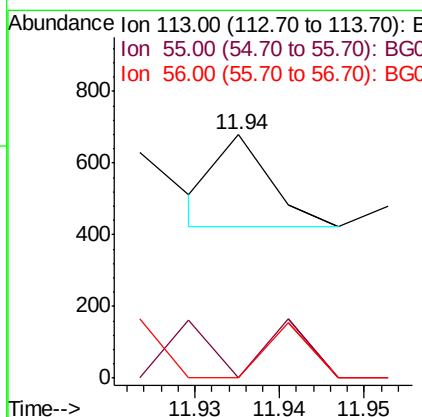
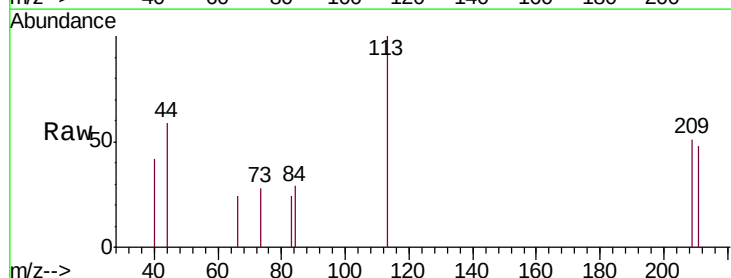
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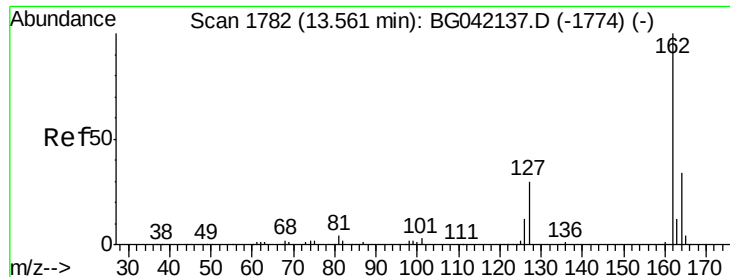
Tgt Ion:127 Resp: 412
 Ion Ratio Lower Upper
 127 100
 129 82.3 26.5 39.7#



#32
 Caprolactam
 Concen: 15.669 ng/ul
 RT: 11.94 min Scan# 1506
 Delta R.T. 0.17 min
 Lab File: BG042142.D
 Acq: 12 Aug 2019 12:36

Tgt Ion:113 Resp: 113
 Ion Ratio Lower Upper
 113 100
 55 0.0 142.4 213.6#
 56 0.0 109.4 164.2#

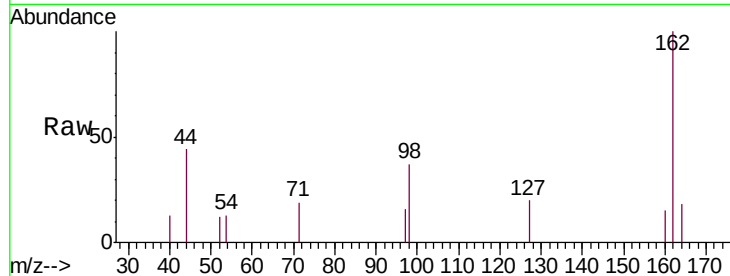




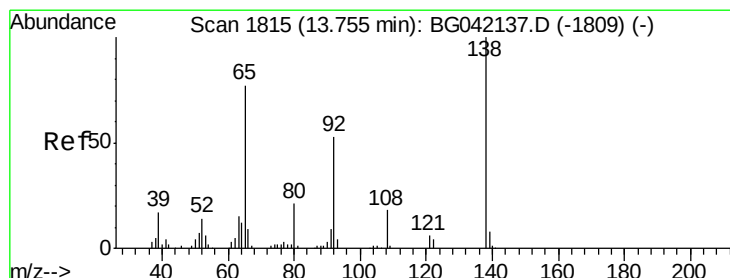
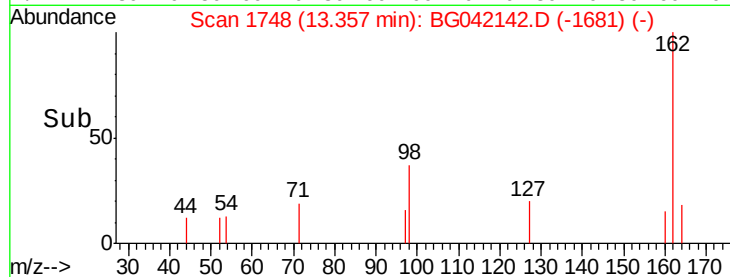
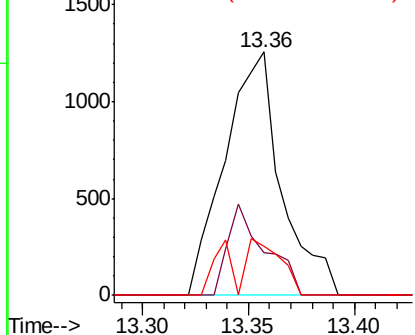
#41
 2-Chloronaphthalene
 Concen: 23.557 ng/ul
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.20 min
 Lab File: BG042142.D
 Acq: 12 Aug 2019 12:36

Instrument :
 BNA_G
 ClientSampleId :
 C0AA3

Tgt Ion: 162 Resp: 2342
 Ion Ratio Lower Upper
 162 100
 164 17.7 26.9 40.3#
 127 20.3 27.8 41.8#

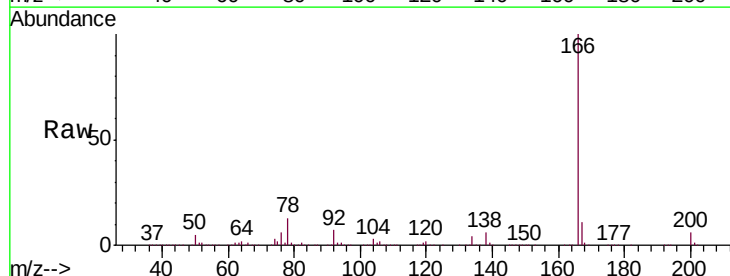


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

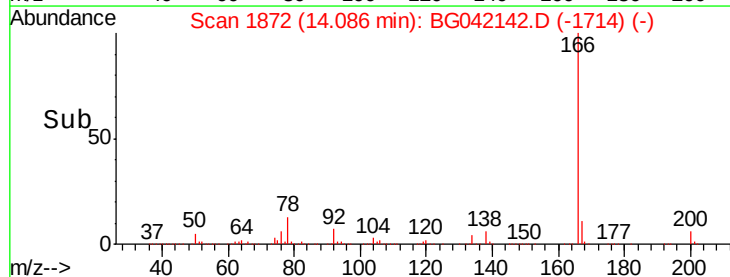
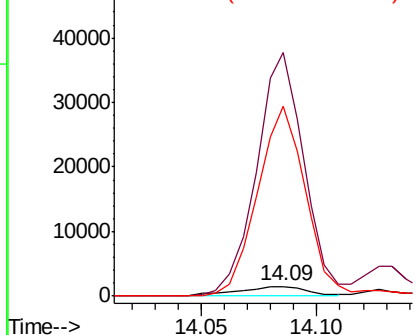


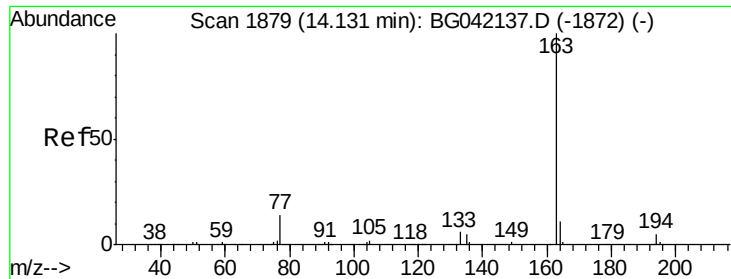
#42
 2-Nitroaniline
 Concen: 117.505 ng/ul
 RT: 14.09 min Scan# 1872
 Delta R.T. 0.33 min
 Lab File: BG042142.D
 Acq: 12 Aug 2019 12:36

Tgt Ion: 65 Resp: 3056
 Ion Ratio Lower Upper
 65 100
 92 2534.9 51.6 77.4#
 138 1978.5 94.1 141.1#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 5.323 ng/ul

RT: 14.09 min Scan# 1873

Delta R.T. -0.04 min

Lab File: BG042142.D

Acq: 12 Aug 2019 12:36

Instrument :

BNA_G

ClientSampleId :

C0AA3

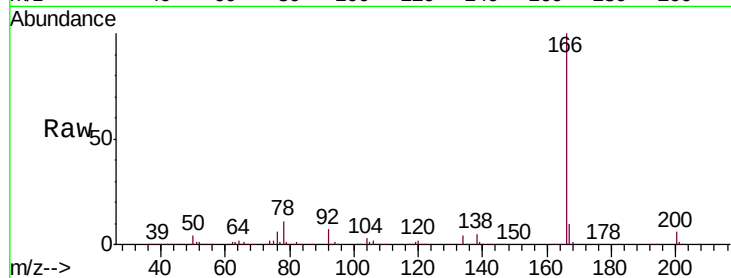
Tgt Ion:163 Resp: 696

Ion Ratio Lower Upper

163 100

194 86.2 4.2 6.2#

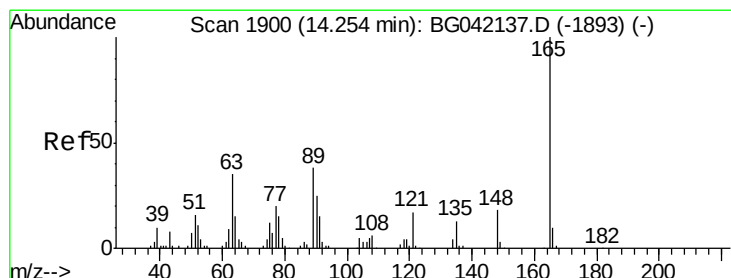
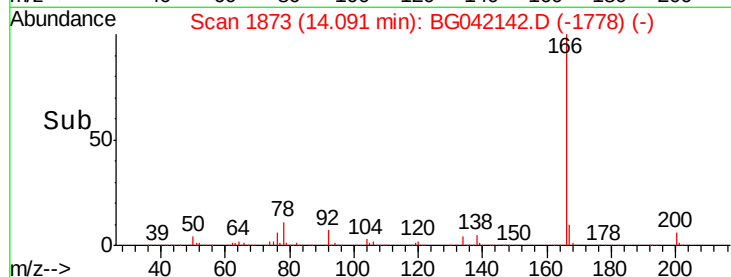
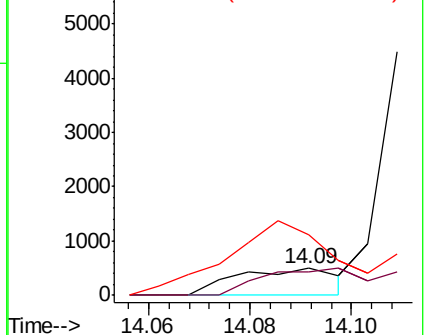
164 225.7 7.8 11.8#



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



#45

2,6-Dinitrotoluene

Concen: 30.765 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. -0.12 min

Lab File: BG042142.D

Acq: 12 Aug 2019 12:36

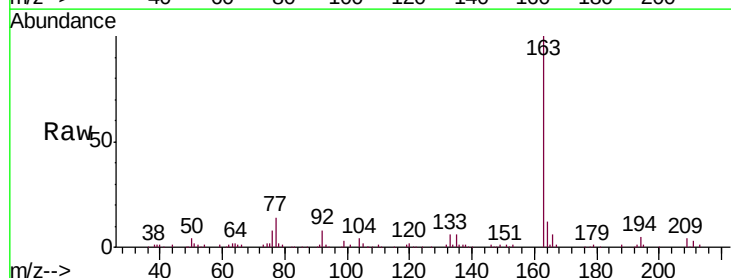
Tgt Ion:165 Resp: 875

Ion Ratio Lower Upper

165 100

89 0.0 36.8 55.2#

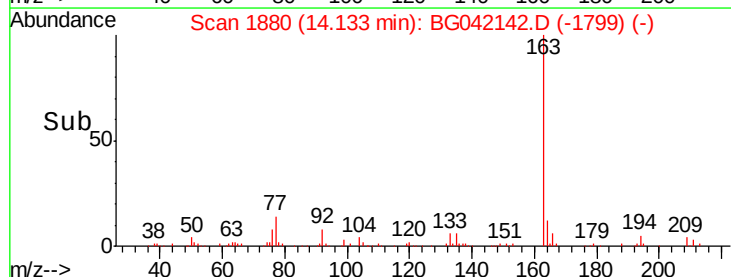
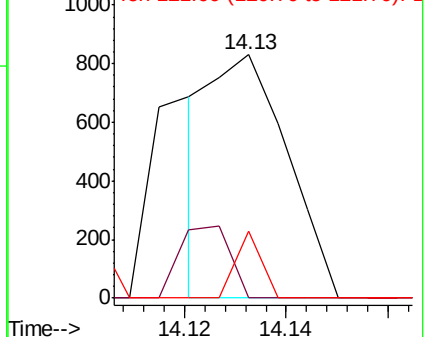
121 27.3 15.6 23.4#

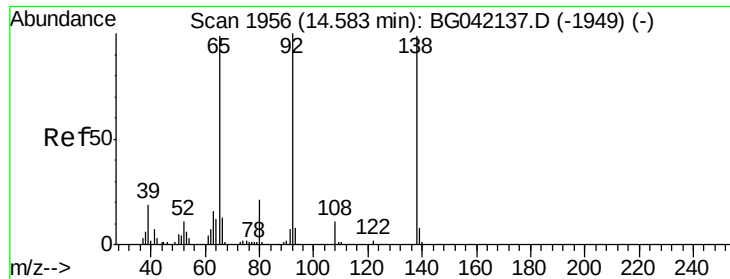


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#48

3-Nitroaniline

Concen: 8.509 ng/ul

RT: 14.21 min Scan# 1893

Delta R.T. -0.37 min

Lab File: BG042142.D

Acq: 12 Aug 2019 12:36

Instrument :

BNA_G

ClientSampleId :

C0AA3

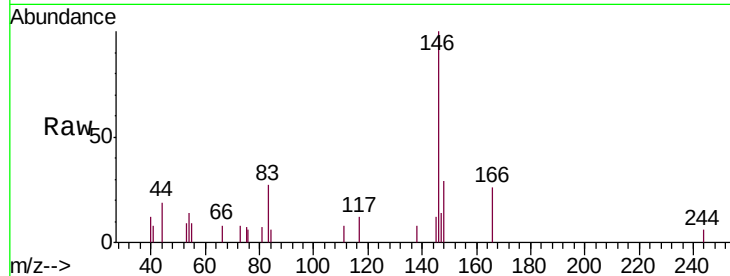
Tgt Ion:138 Resp: 193

Ion Ratio Lower Upper

138 100

108 0.0 7.6 11.4#

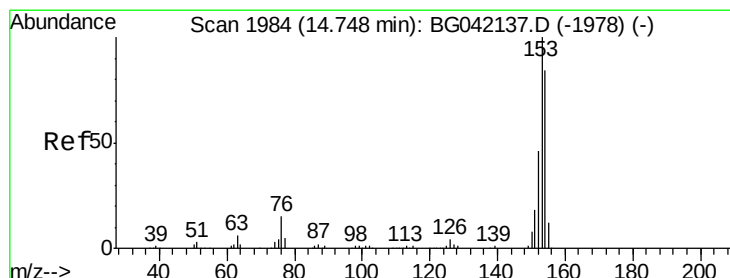
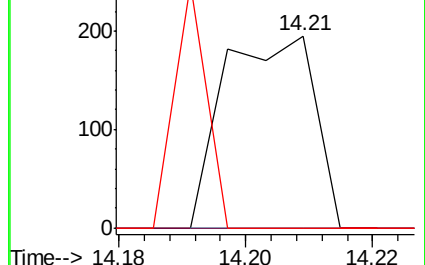
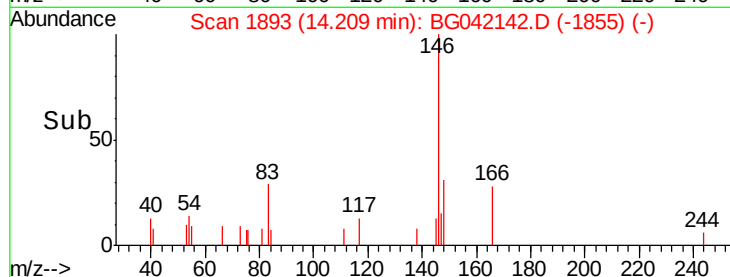
92 0.0 76.4 114.6#



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



#49

Acenaphthene

Concen: 8.411 ng/ul

RT: 14.58 min Scan# 1957

Delta R.T. -0.16 min

Lab File: BG042142.D

Acq: 12 Aug 2019 12:36

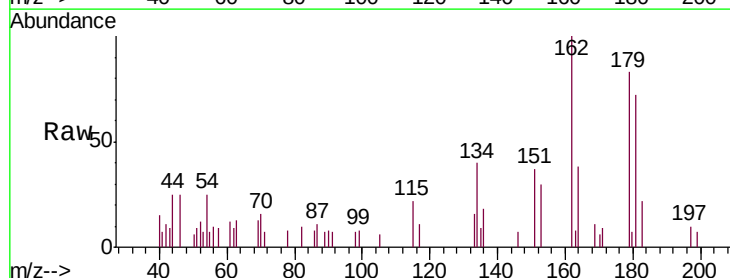
Tgt Ion:153 Resp: 893

Ion Ratio Lower Upper

153 100

152 0.0 37.8 56.8#

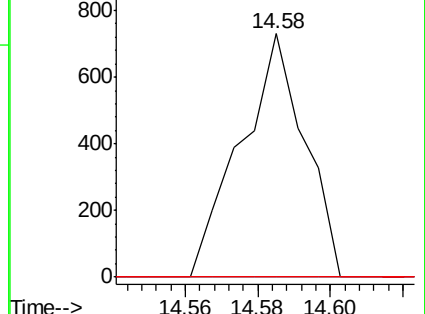
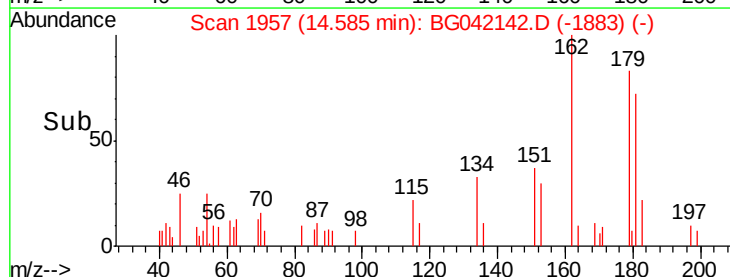
154 0.0 69.4 104.2#

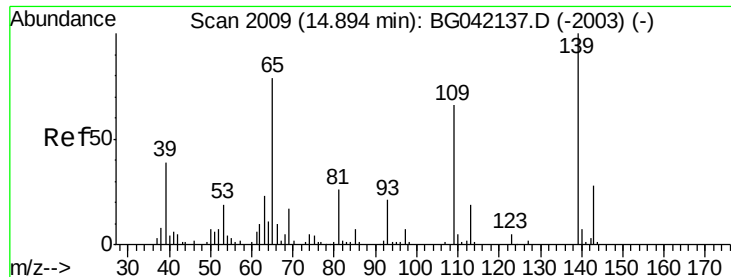


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 9.337 ng/ul

RT: 14.37 min Scan# 1921

Delta R.T. -0.52 min

Lab File: BG042142.D

Acq: 12 Aug 2019 12:36

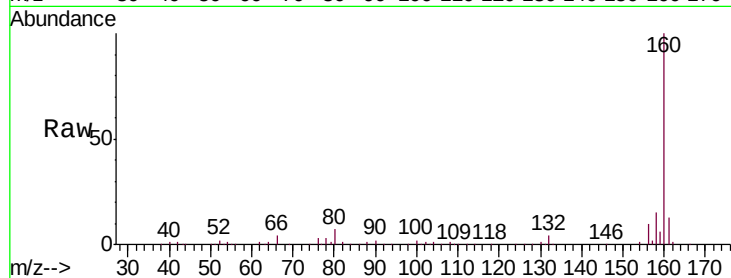
Instrument :

BNA_G

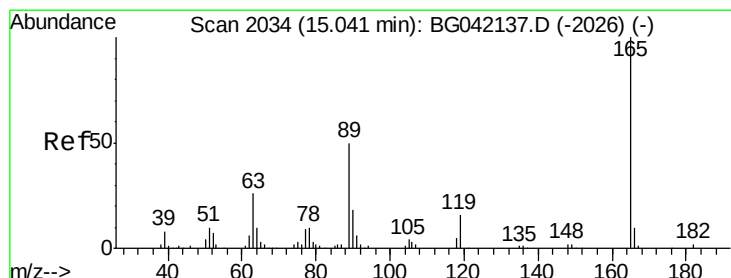
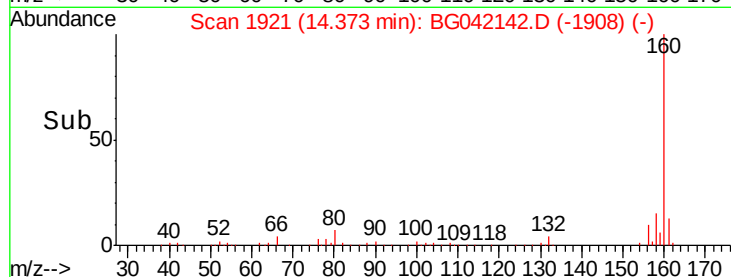
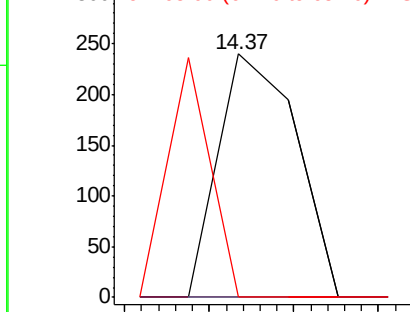
ClientSampleId :

C0AA3

Tgt Ion:	109	Resp:	153
Ion	Ratio	Lower	Upper
109	100		
139	0.0	111.8	167.6#
65	0.0	103.6	155.4#



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC



#54

2,4-Dinitrotoluene

Concen: 4.401 ng/ul

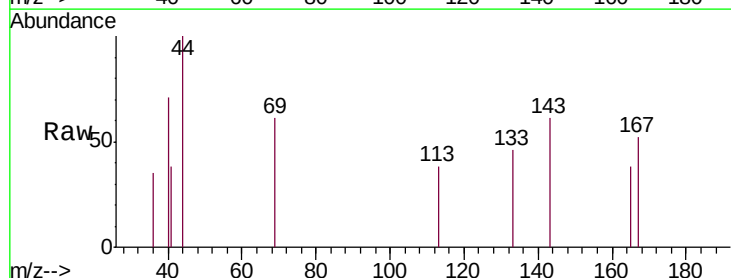
RT: 15.08 min Scan# 2042

Delta R.T. 0.04 min

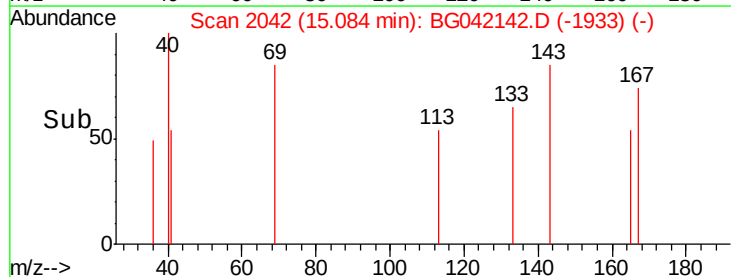
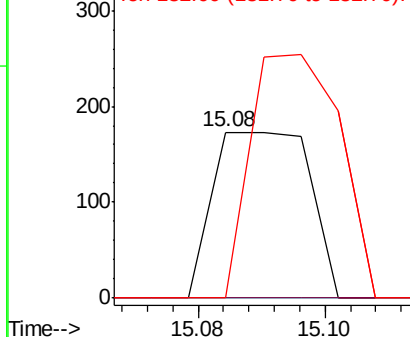
Lab File: BG042142.D

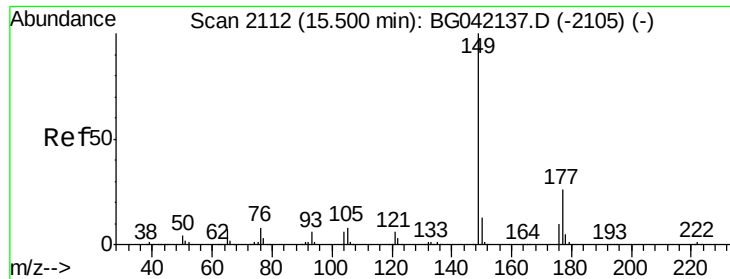
Acq: 12 Aug 2019 12:36

Tgt Ion:	165	Resp:	182
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.4	44.2#
182	0.0	2.6	4.0#



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

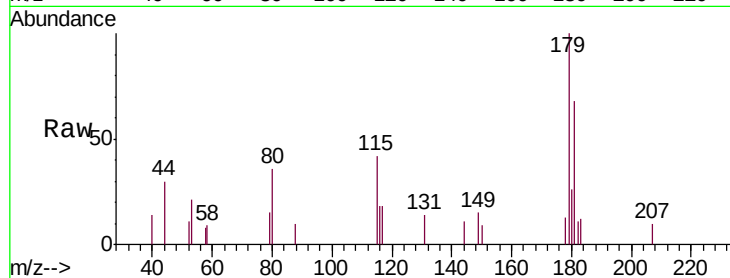




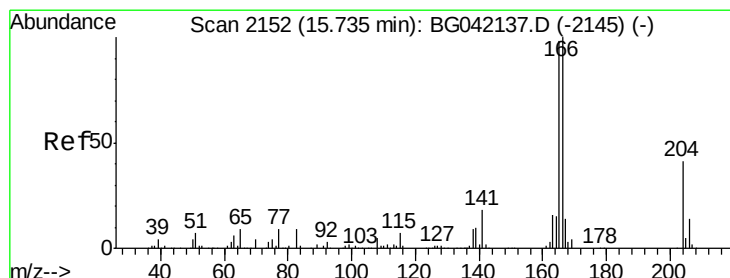
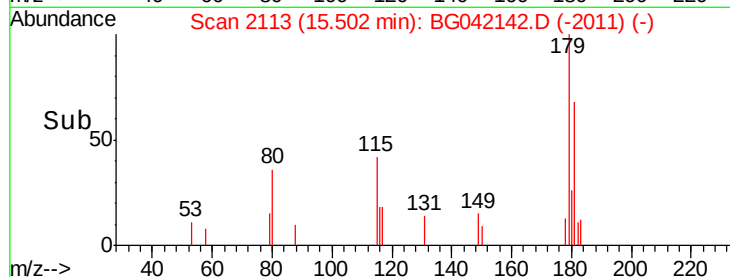
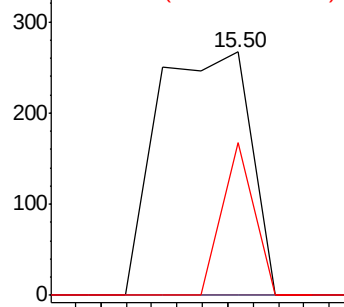
#56
Diethylphthalate
Concen: 2.068 ng/ul
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG042142.D
Acq: 12 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :
C0AA3

Tgt Ion:149 Resp: 269
Ion Ratio Lower Upper
149 100
177 0.0 19.4 29.2#
150 62.5 10.2 15.4#

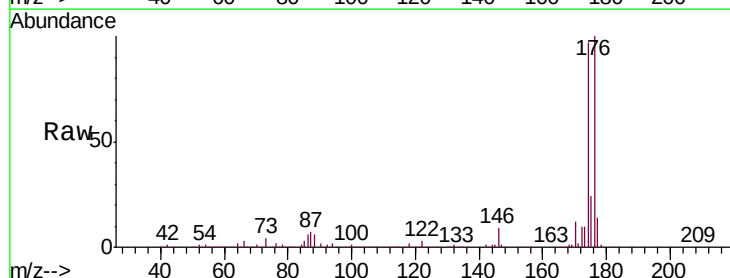


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

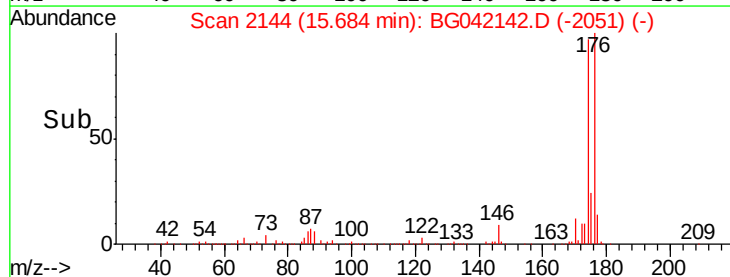
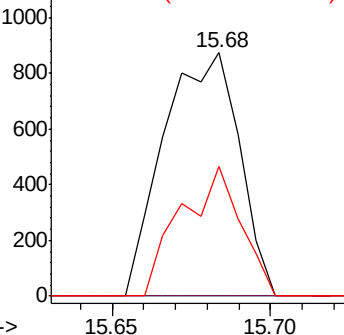


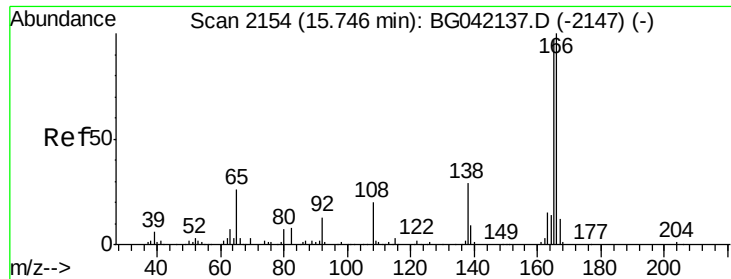
#58
Fluorene
Concen: 11.283 ng/ul
RT: 15.68 min Scan# 2144
Delta R.T. -0.05 min
Lab File: BG042142.D
Acq: 12 Aug 2019 12:36

Tgt Ion:166 Resp: 1440
Ion Ratio Lower Upper
166 100
165 0.0 81.1 121.7#
167 53.3 11.0 16.4#



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

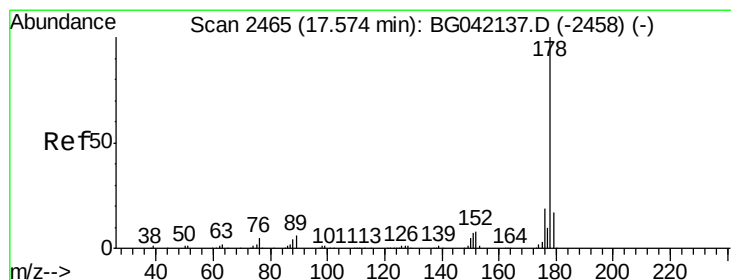
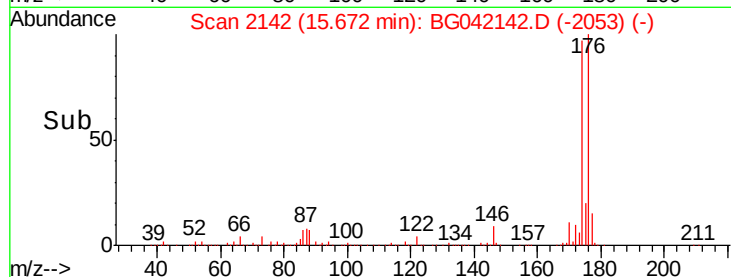
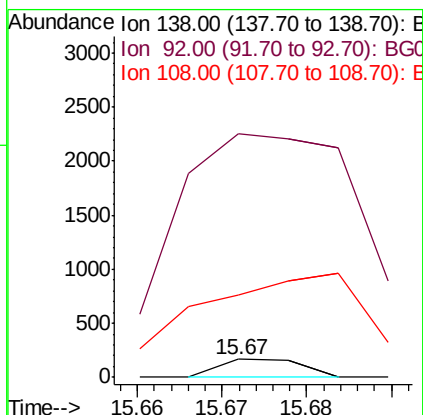
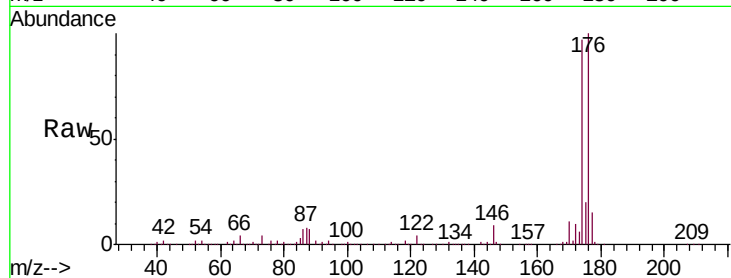




#60
4-Nitroaniline
Concen: 4.511 ng/ul
RT: 15.67 min Scan# 2142
Delta R.T. -0.07 min
Lab File: BG042142.D
Acq: 12 Aug 2019 12:36

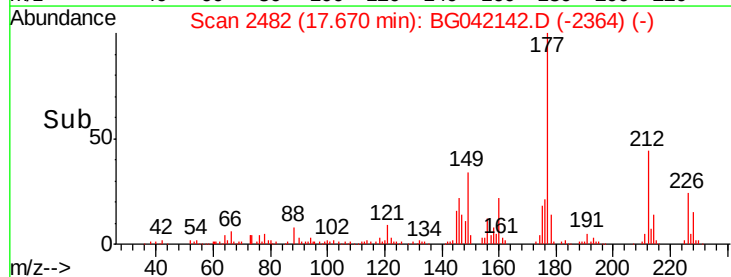
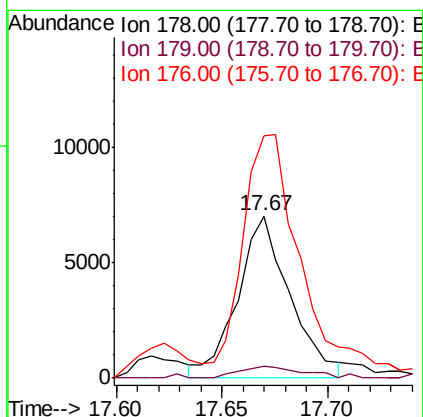
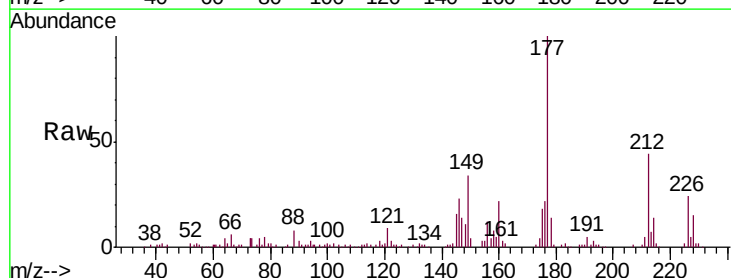
Instrument :
BNA_G
ClientSampleId :
C0AA3

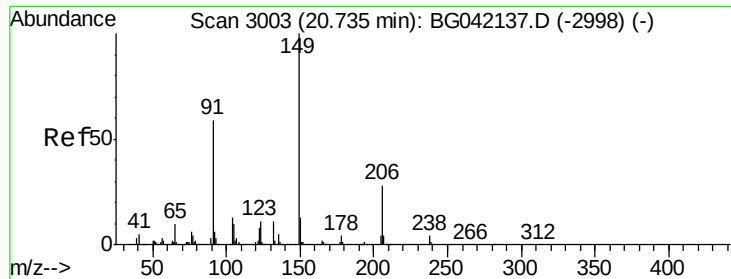
Tgt Ion:138 Resp: 114
Ion Ratio Lower Upper
138 100
92 1364.8 34.6 51.8#
108 460.0 54.2 81.2#



#71
Anthracene
Concen: 1.015 ng/ul
RT: 17.67 min Scan# 2482
Delta R.T. 0.10 min
Lab File: BG042142.D
Acq: 12 Aug 2019 12:36

Tgt Ion:178 Resp: 12149
Ion Ratio Lower Upper
178 100
179 7.7 13.4 20.0#
176 149.6 15.4 23.2#

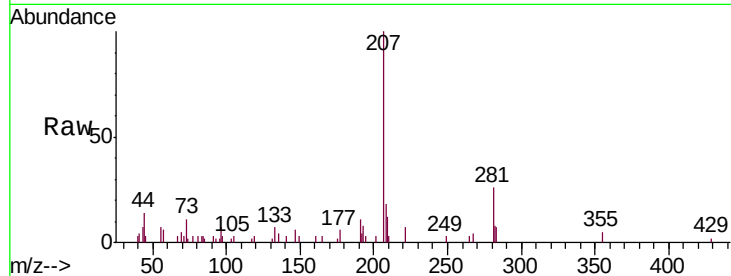




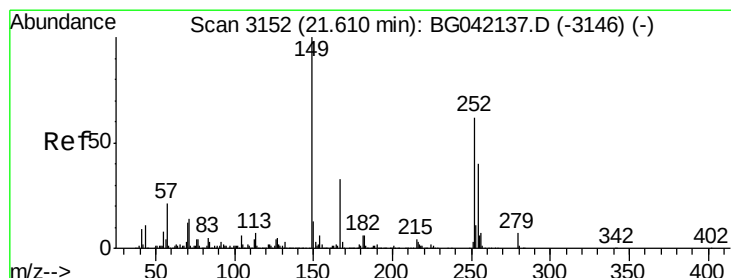
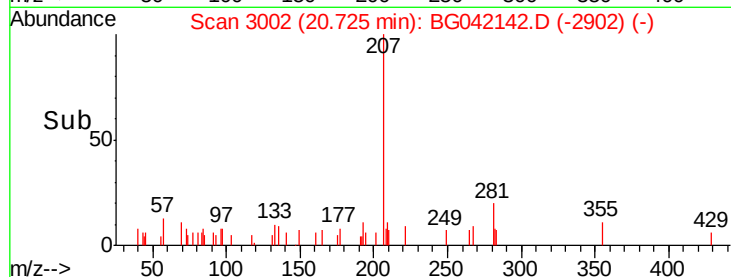
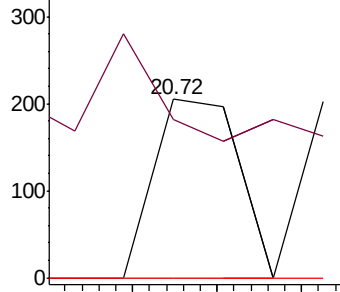
#80
 Butylbenzylphthalate
 Concen: 3.281 ng/ul
 RT: 20.72 min Scan# 3002
 Delta R.T. -0.01 min
 Lab File: BG042142.D
 Acq: 12 Aug 2019 12:36

Instrument :
 BNA_G
 ClientSampleId :
 C0AA3

Tgt Ion:149 Resp: 141
 Ion Ratio Lower Upper
 149 100
 91 88.8 49.5 74.3#
 206 0.0 21.3 31.9#

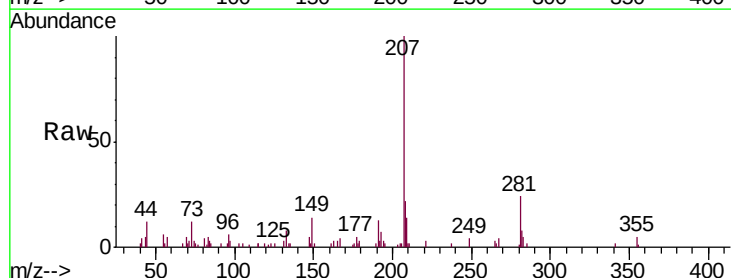


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.502 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042142.D
 Acq: 12 Aug 2019 12:36

Tgt Ion:149 Resp: 1847
 Ion Ratio Lower Upper
 149 100
 167 31.0 25.0 37.4
 279 0.0 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

