

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042095.D
 Acq On : 9 Aug 2019 10:10
 Operator : HP/JU
 Sample : K4147-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 09 16:26:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	283724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	210204	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	386205	20.00	ng/ul	0.01
77) Chrysene-d12	21.74	240	414741	20.00	ng/ul	0.02
85) Perylene-d12	25.05	264	499210	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	7150	4.27	ng/uL	0.00
5) Phenol-d5	7.19	99	166640	28.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	81166	25.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	152315	30.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	145815	30.21	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	78917	36.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	93431	37.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	176150	35.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	159347	28.69	ng/ul	0.02
43) Dimethylphthalate-d6	14.11	166	489134	30.00	ng/ul	0.02
46) Acenaphthylene-d8	14.39	160	573253	30.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	344	0.13	ng/ul	0.00
57) Fluorene-d10	15.69	176	564326	38.91	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.83	200	88839	35.85	ng/ul	0.04
70) Anthracene-d10	17.56	188	708415	38.23	ng/ul	0.02
78) Pyrene-d10	19.85	212	728386	31.47	ng/ul	0.02
89) Benzo(a)pyrene-d12	24.82	264	900251	34.52	ng/ul	0.06

Target Compounds

					Ovalue	
4) Benzaldehyde	7.56	77	2819	1.038	ng/ul	89
6) Phenol	7.21	94	39274	6.619	ng/ul	94
11) 2-Methylphenol	8.47	108	65544	13.778	ng/ul	92
14) Acetophenone	8.84	105	50861	6.852	ng/ul#	42
16) 4-Methylphenol	8.81	108	176755	34.393	ng/ul	85
17) Hexachloroethane	9.15	117	18462	8.950	ng/ul#	1
24) 2,4-Dimethylphenol	10.02	107	152140	29.105	ng/ul	97
27) 2,4-Dichlorophenol	10.50	162	17379	3.501	ng/ul#	42
28) Naphthalene	10.90	128	346060	23.858	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	667623	57.909	ng/ul	100
40) 1,1'-Biphenyl	13.52	154	124525	8.147	ng/ul	95
41) 2-Chloronaphthalene	13.60	162	13988	1.137	ng/ul#	71
44) Dimethylphthalate	14.15	163	129772	8.017	ng/ul#	57
45) 2,6-Dinitrotoluene	14.30	165	3587	1.019	ng/ul#	1
47) Acenaphthylene	14.42	152	32855	1.748	ng/ul#	31
48) 3-Nitroaniline	14.58	138	36807	13.108	ng/ul#	21
49) Acenaphthene	14.76	153	78156	5.947	ng/ul	93
53) Dibenzofuran	15.09	168	274307	13.985	ng/ul	95
54) 2,4-Dinitrotoluene	15.57	165	43522	8.502	ng/ul	97
58) Fluorene	15.75	166	404038	25.574	ng/ul#	98
60) 4-Nitroaniline	15.75	138	5213	1.666	ng/ul#	40
63) 4,6-Dinitro-2-methylphenol	15.83	198	3167	1.186	ng/ul#	1
64) N-Nitrosodiphenylamine	15.96	169	87739	7.657	ng/ul#	72

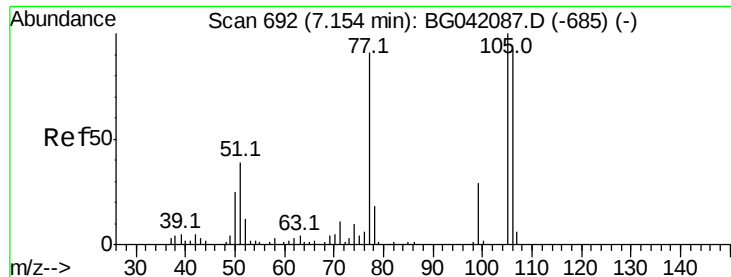
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Atrazine	16.89	200	16325	3.400	ng/ul#	1
69) Phenanthrene	17.50	178	578390	27.356	ng/ul#	92
71) Anthracene	17.59	178	197823	9.225	ng/ul#	87
74) Carbazole	17.87	167	61110	3.440	ng/ul#	71
76) Fluoranthene	19.51	202	289596	11.855	ng/ul	98
79) Pyrene	19.87	202	376433	13.493	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.62	252	12364	1.312	ng/ul#	88
82) Benzo(a)anthracene	21.73	228	123672	4.301	ng/ul#	66
84) Chrysene	21.79	228	104815	3.905	ng/ul#	69
87) Benzo(b)fluoranthene	24.00	252	87640	2.797	ng/ul#	73
88) Benzo(k)fluoranthene	24.00	252	87640	2.910	ng/ul#	72
90) Benzo(a)pyrene	24.89	252	85836	2.875	ng/ul#	79
91) Indeno(1,2,3-cd)pyrene	28.81	276	42437	1.219	ng/ul#	80
93) Benzo(q,h,i)perylene	29.98	276	34096	1.173	ng/ul#	80

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



#4

Benzaldehyd

Concen: 1.038 ng/ul

RT: 7.56 min Scan# 760

Delta R.T. 0.40 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampled :

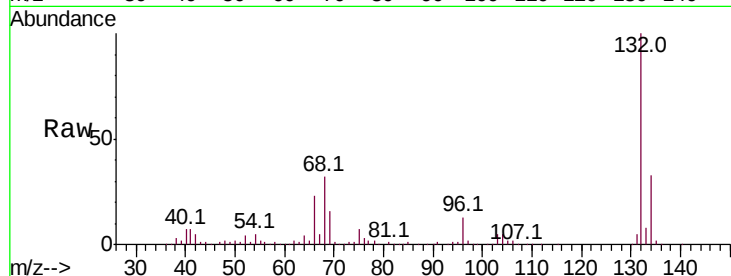
Tot Ion: 77 Resp: 2819

Ion Ratio Lower Upper

77 100

105 97.9 80.7 121.1

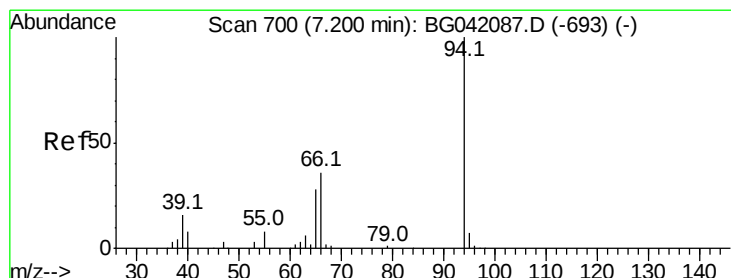
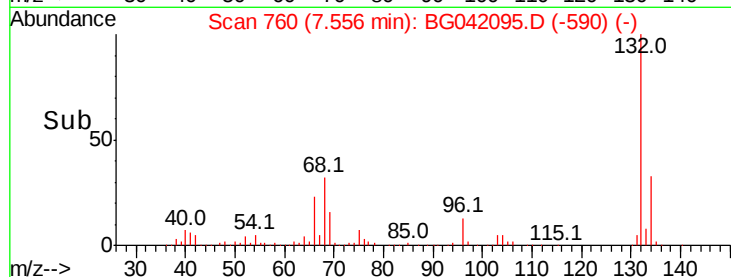
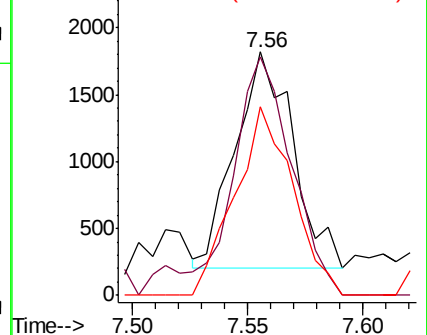
106 77.2 76.3 114.5



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



#6

Phenol

Concen: 6.619 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

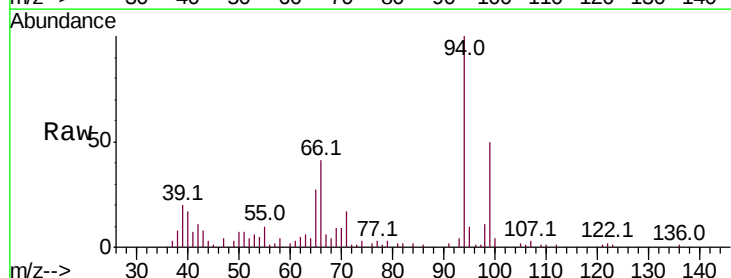
Tgt Ion: 94 Resp: 39274

Ion Ratio Lower Upper

94 100

65 26.8 25.8 38.6

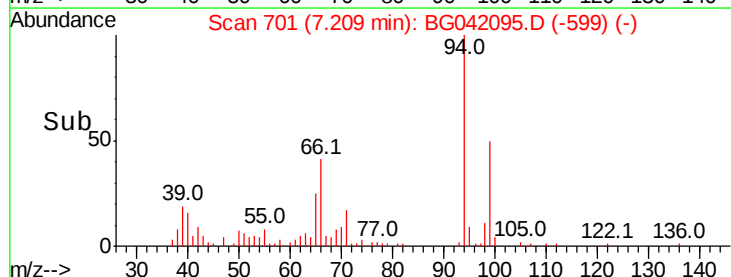
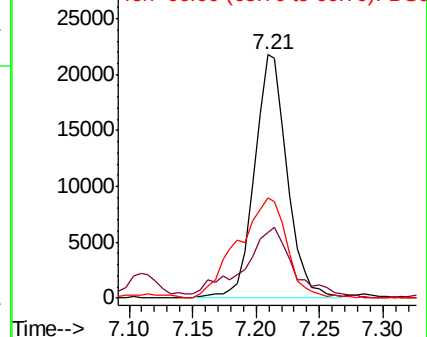
66 41.3 31.8 47.8

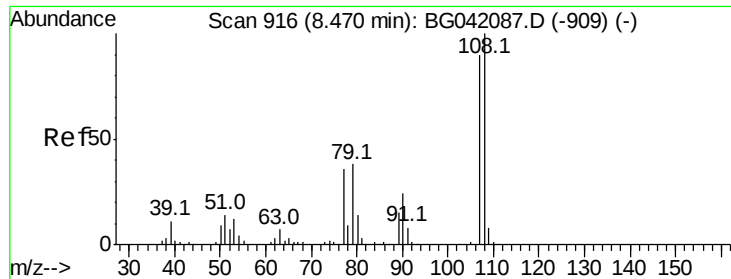


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

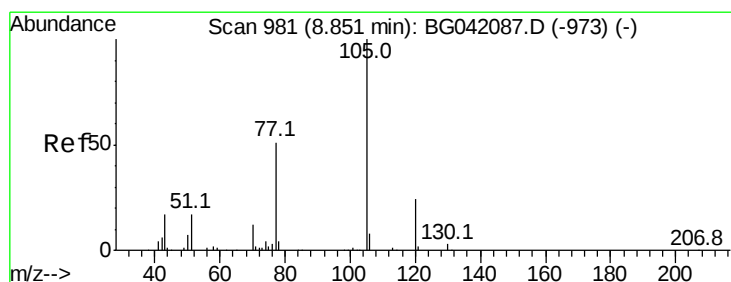
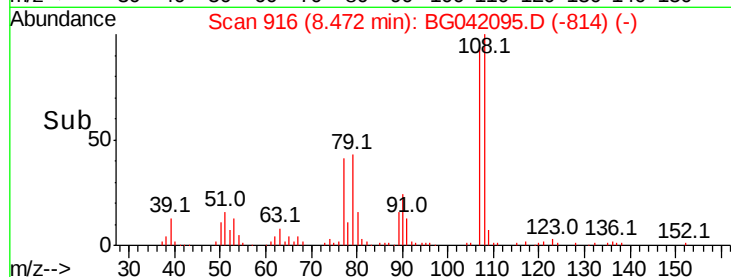
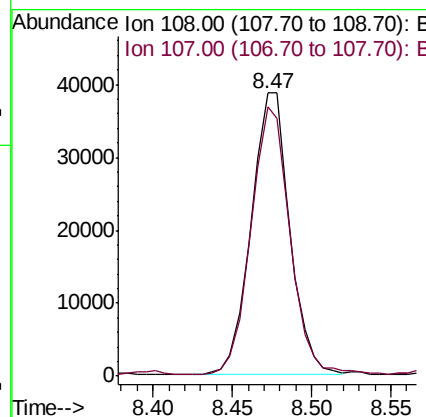
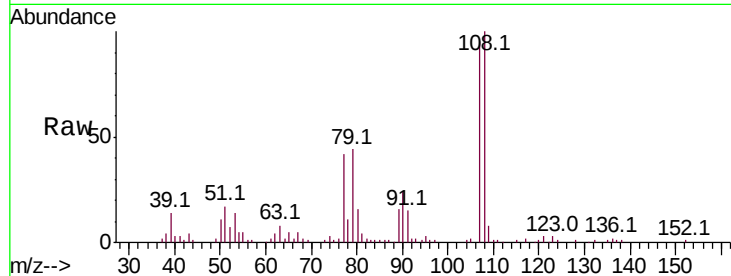




#11
2-Methylphenol
Concen: 13.778 ng/ul
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG042095.D
Acq: 9 Aug 2019 10:10

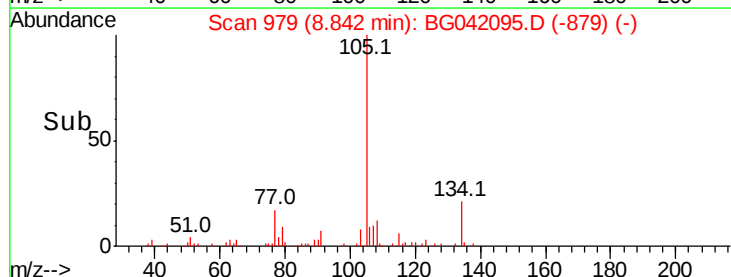
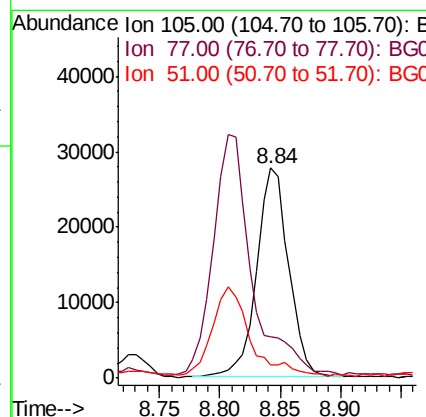
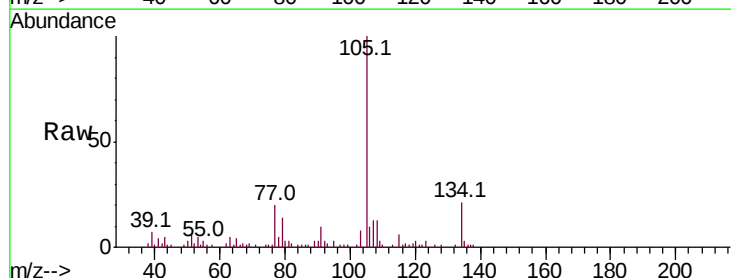
Instrument :
BNA_G
ClientSampled :

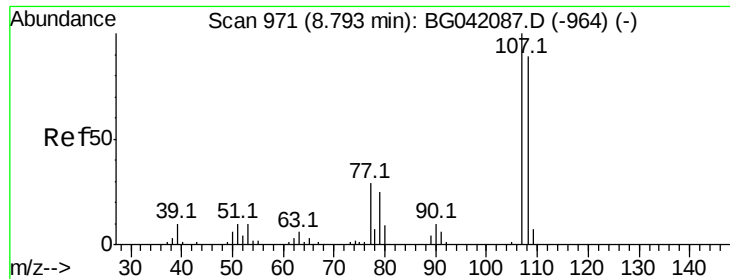
Tot Ion:108 Resp: 65544
Ion Ratio Lower Upper
108 100
107 95.2 69.9 104.9



#14
Acetophenone
Concen: 6.852 ng/ul
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042095.D
Acq: 9 Aug 2019 10:10

Tgt Ion:105 Resp: 50861
Ion Ratio Lower Upper
105 100
77 19.7 60.0 90.0#
51 6.4 22.1 33.1#

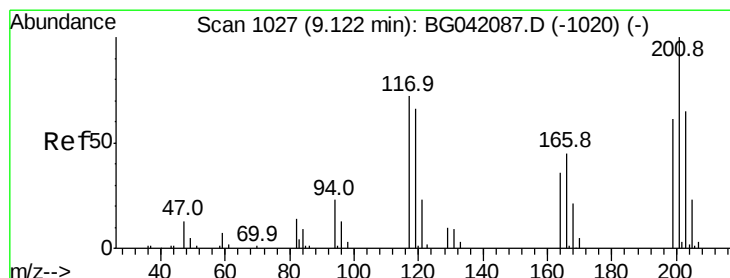
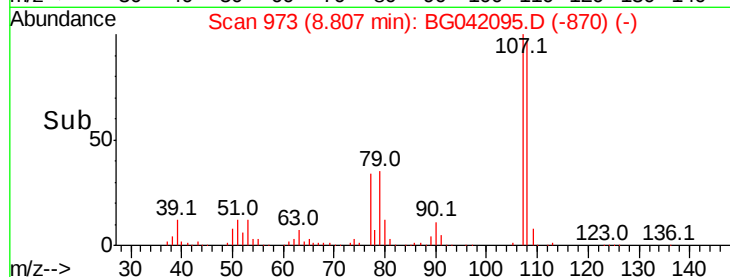
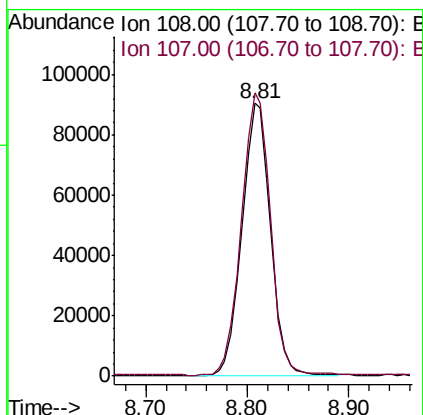
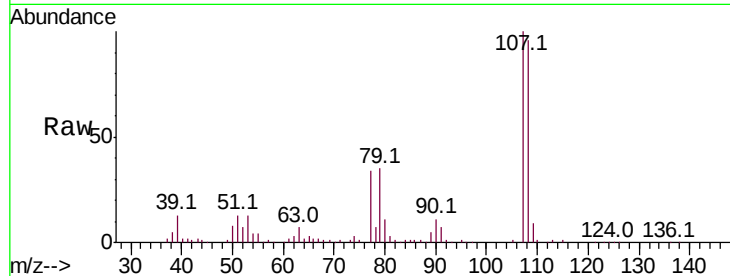




#16
4-Methylphenol
Concen: 34.393 ng/ul
RT: 8.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BG042095.D
Acq: 9 Aug 2019 10:10

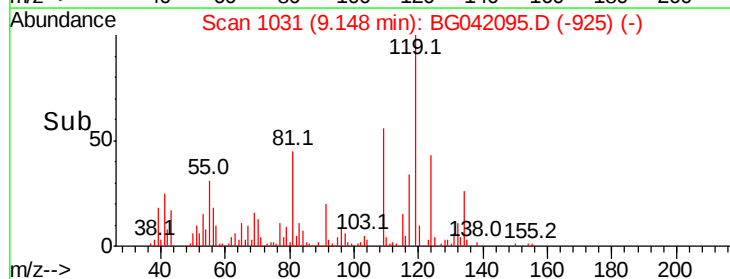
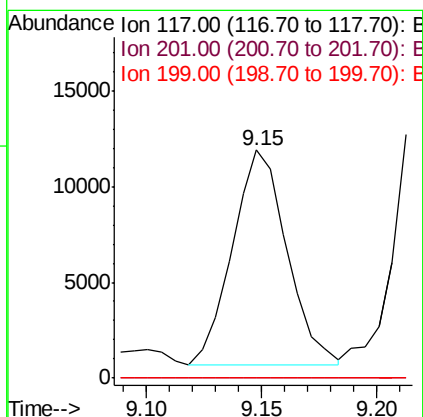
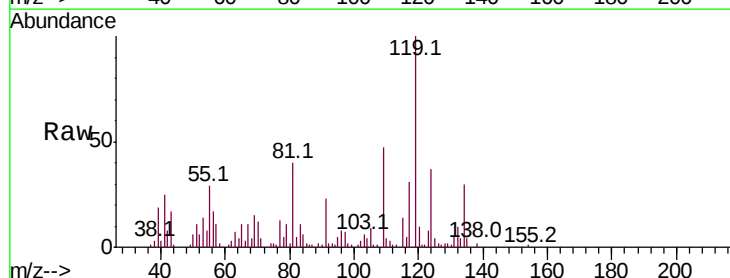
Instrument :
BNA_G
ClientSampleId :

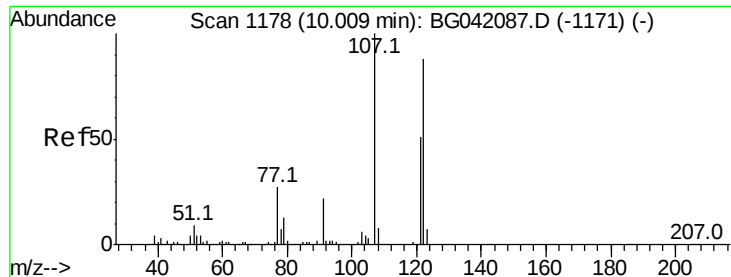
Tot Ion:108 Resp: 176755
Ion Ratio Lower Upper
108 100
107 103.7 96.2 144.2



#17
Hexachloroethane
Concen: 8.950 ng/ul
RT: 9.15 min Scan# 1031
Delta R.T. 0.03 min
Lab File: BG042095.D
Acq: 9 Aug 2019 10:10

Tgt Ion:117 Resp: 18462
Ion Ratio Lower Upper
117 100
201 0.0 103.4 155.2#
199 0.0 62.9 94.3#

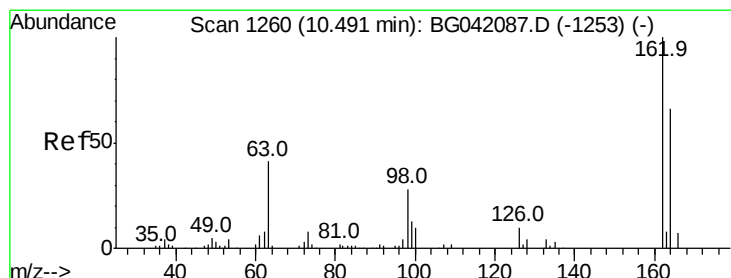
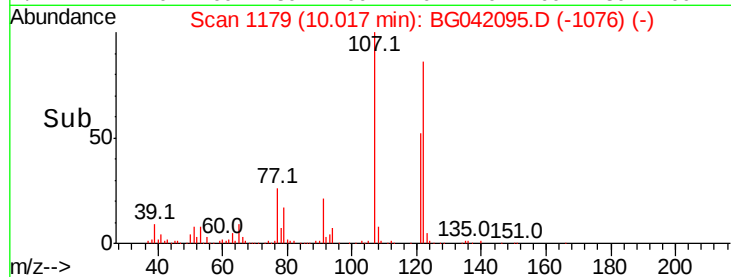
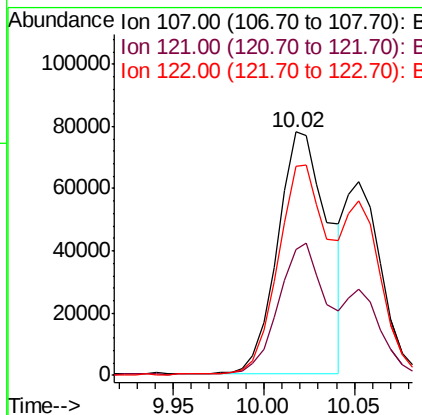
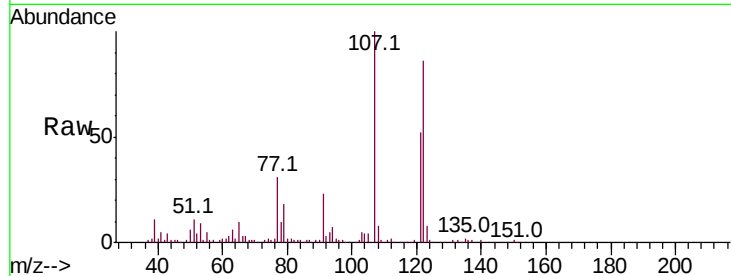




#24
 2,4-Dimethylphenol
 Concen: 29.105 ng/ul
 RT: 10.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

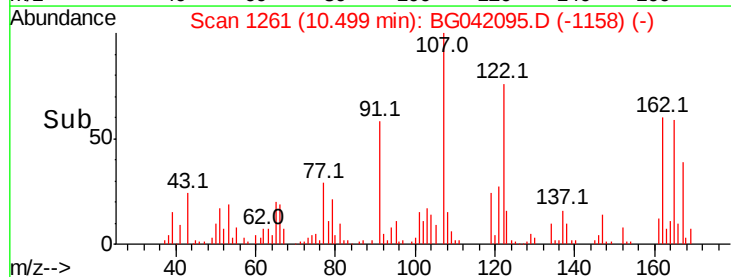
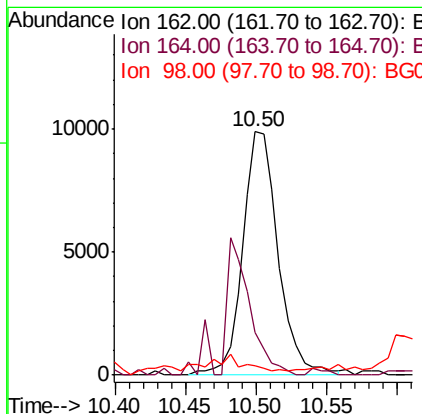
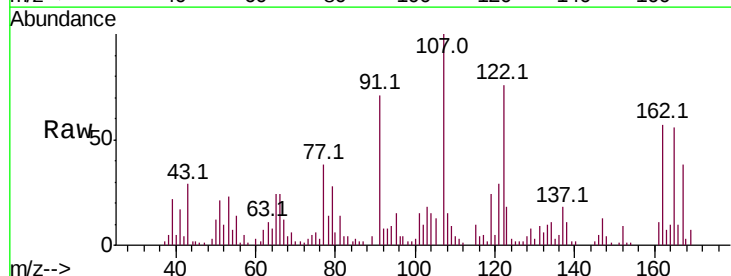
Instrument :
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 ClientSampleId :

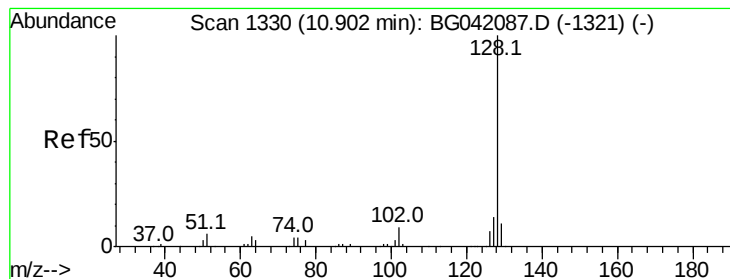
Tot Ion:107 Resp: 152140
 Ion Ratio Lower Upper
 107 100
 121 51.9 45.0 67.6
 122 86.0 68.1 102.1



#27
 2,4-Dichlorophenol
 Concen: 3.501 ng/ul
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

Tgt Ion:162 Resp: 17379
 Ion Ratio Lower Upper
 162 100
 164 17.7 54.6 82.0#
 98 3.8 24.6 36.8#





#28

Naphthalene

Concen: 23.858 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampled :

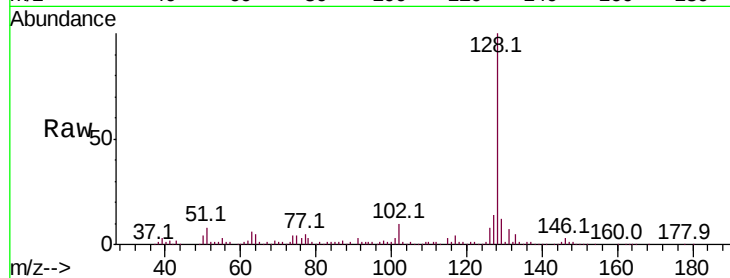
Tot Ion:128 Resp: 346060

Ion Ratio Lower Upper

128 100

129 12.4 9.5 14.3

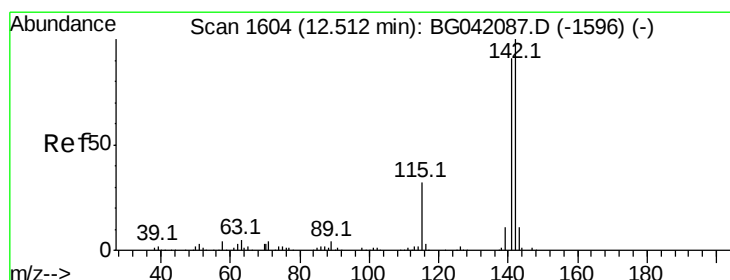
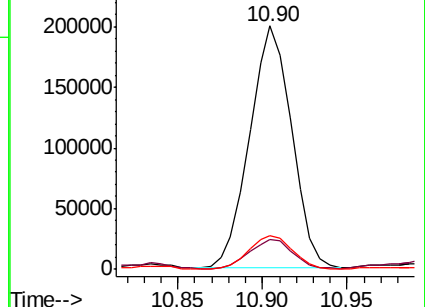
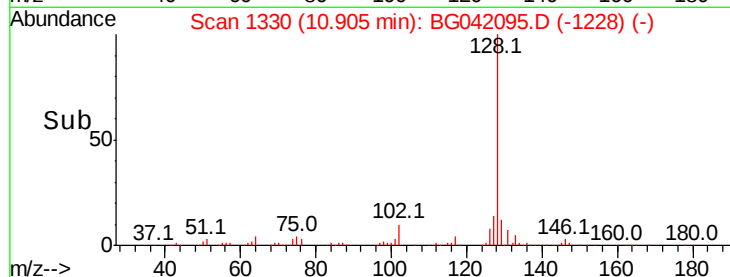
127 13.8 11.4 17.0



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



#34

2-Methylnaphthalene

Concen: 57.909 ng/ul

RT: 12.52 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BG042095.D

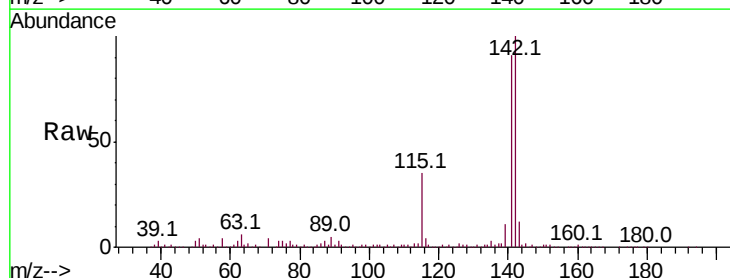
Acq: 9 Aug 2019 10:10

Tgt Ion:142 Resp: 667623

Ion Ratio Lower Upper

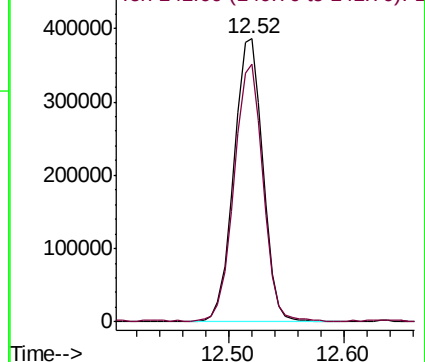
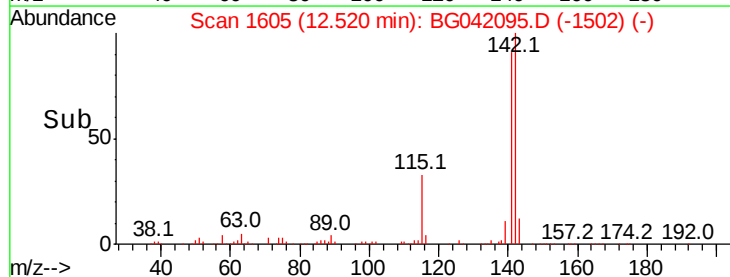
142 100

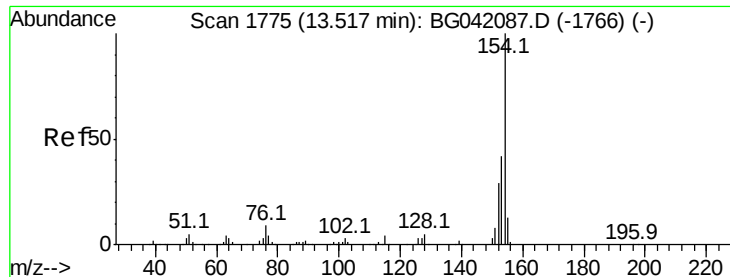
141 91.1 72.9 109.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

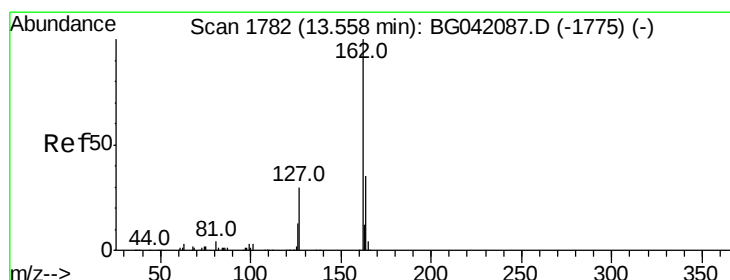
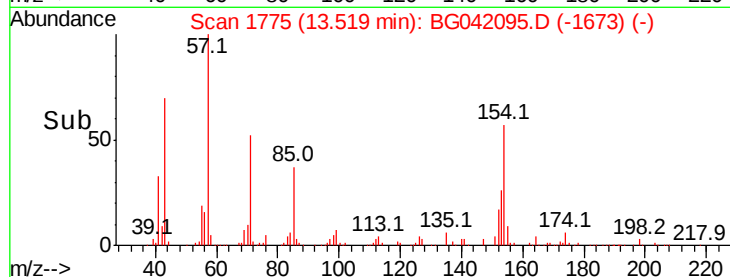
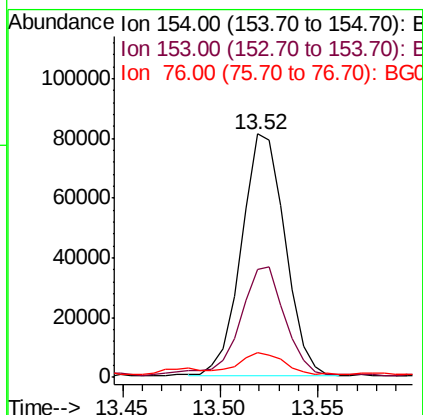
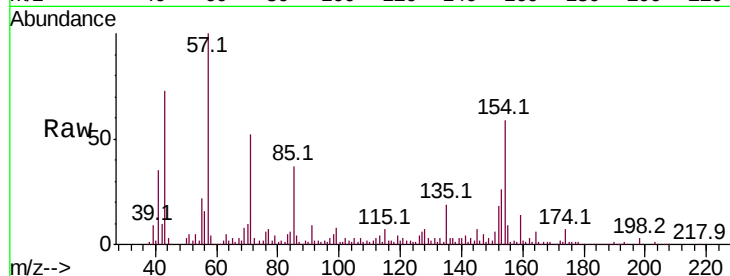




#40
 1,1'-Biphenyl
 Concen: 8.147 ng/ul
 RT: 13.52 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

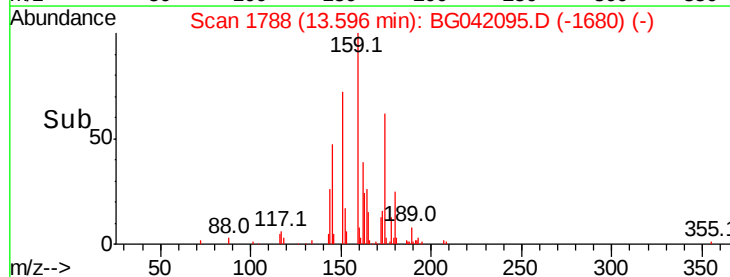
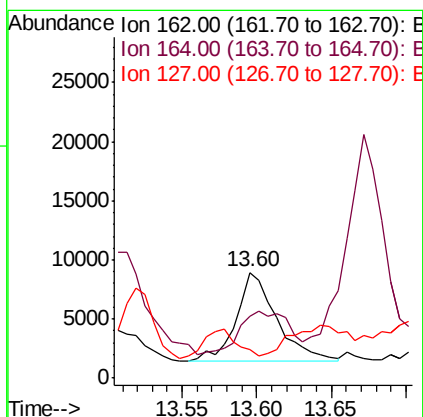
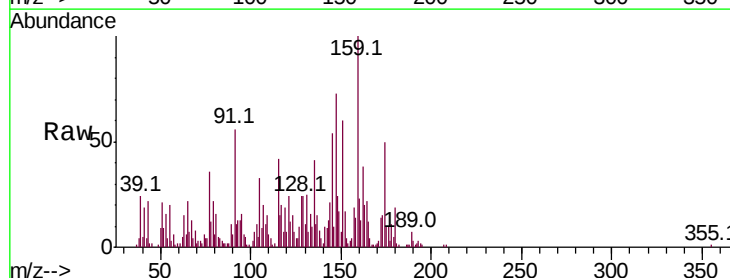
Instrument :
 BNA_G
 ClientSampleId :

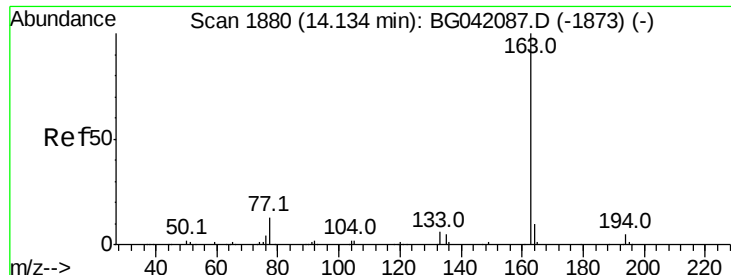
Tot Ion	Ratio	Lower	Upper
154	100		
153	44.1	32.6	48.8
76	10.3	8.6	13.0



#41
 2-Chloronaphthalene
 Concen: 1.137 ng/ul
 RT: 13.60 min Scan# 1788
 Delta R.T. 0.04 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

Tgt Ion	Ratio	Lower	Upper
162	100		
164	58.2	26.9	40.3#
127	26.4	27.8	41.8#

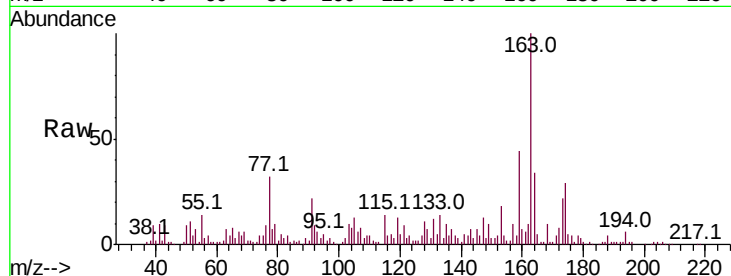




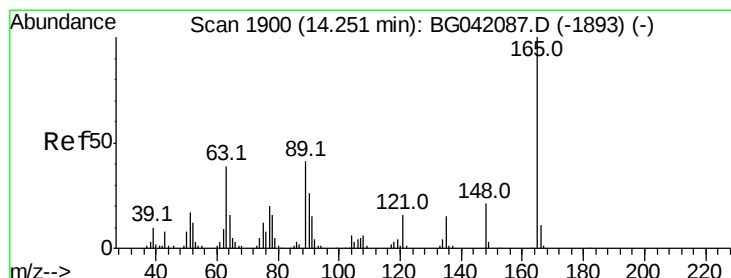
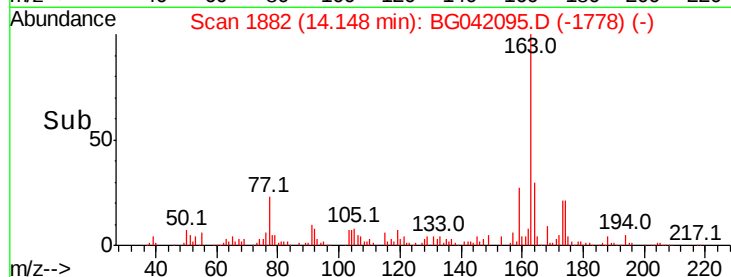
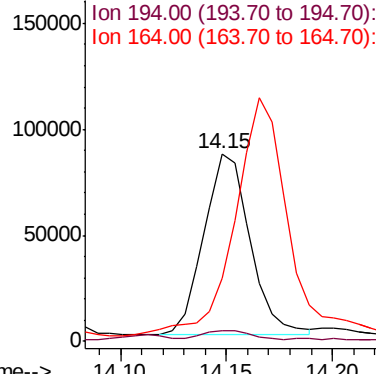
#44
 Dimethylphthalate
 Concen: 8.017 ng/ul
 RT: 14.15 min Scan# 1882
 Delta R.T. 0.01 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:163 Resp: 129772
 Ion Ratio Lower Upper
 163 100
 194 6.0 4.2 6.2
 164 33.6 7.8 11.8#

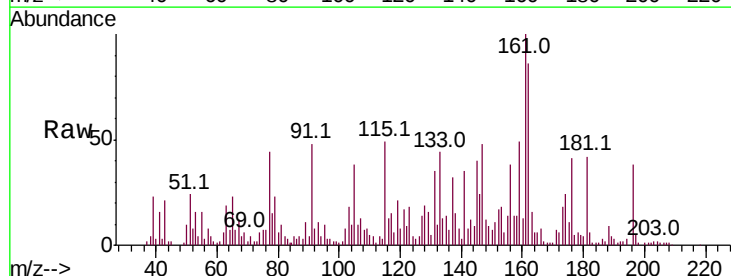


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

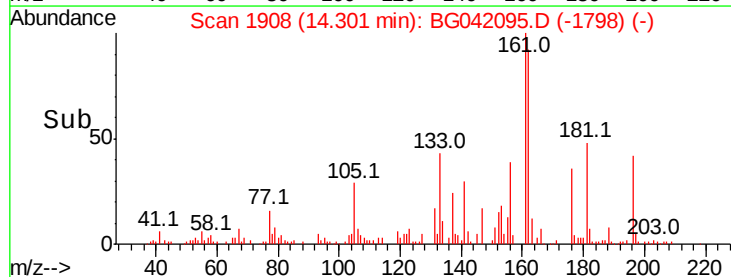
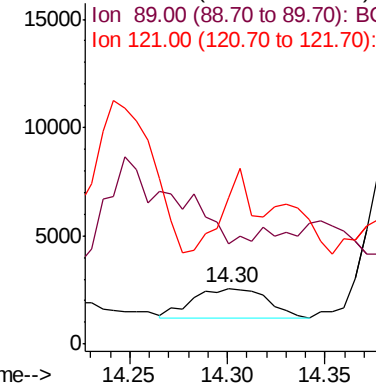


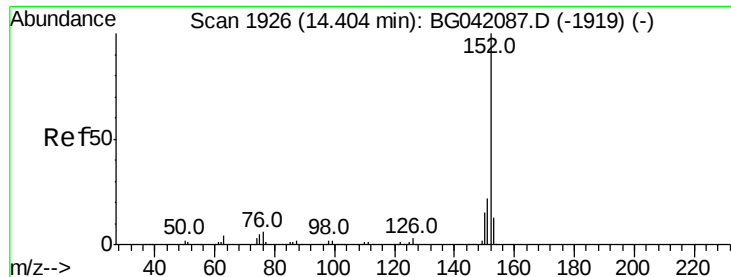
#45
 2,6-Dinitrotoluene
 Concen: 1.019 ng/ul
 RT: 14.30 min Scan# 1908
 Delta R.T. 0.05 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

Tgt Ion:165 Resp: 3587
 Ion Ratio Lower Upper
 165 100
 89 180.9 36.8 55.2#
 121 262.5 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





#47

Acenaphthylene

Concen: 1.748 ng/ul

RT: 14.42 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampleId :

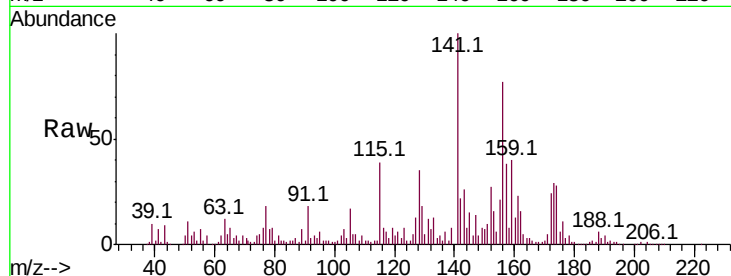
Tot Ion:152 Resp: 32855

Ion Ratio Lower Upper

152 100

151 39.2 16.8 25.2#

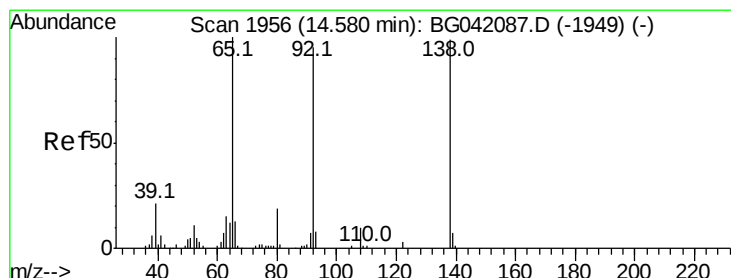
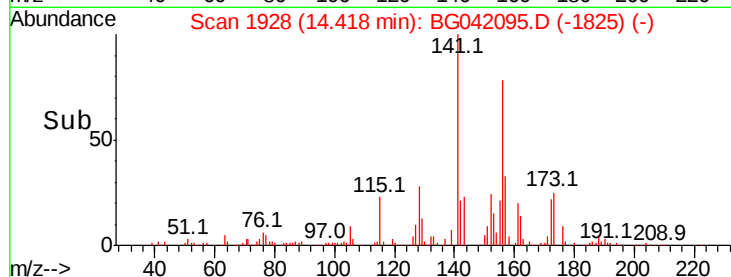
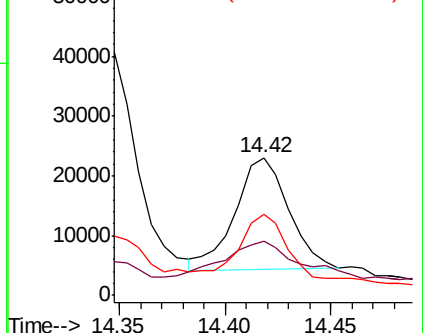
153 59.4 10.3 15.5#



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



#48

3-Nitroaniline

Concen: 13.108 ng/ul

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

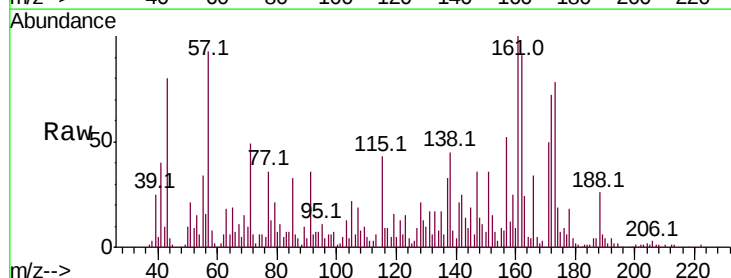
Tgt Ion:138 Resp: 36807

Ion Ratio Lower Upper

138 100

108 17.0 7.6 11.4#

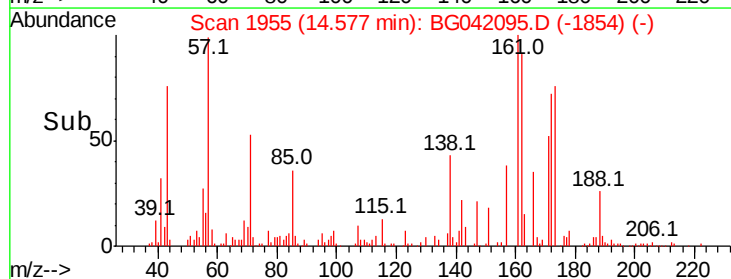
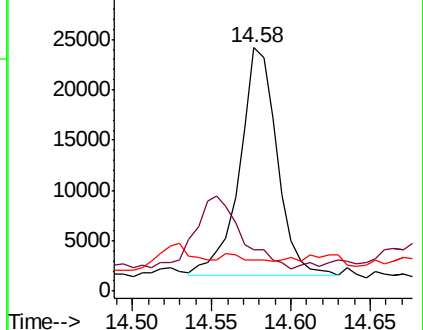
92 12.7 76.4 114.6#

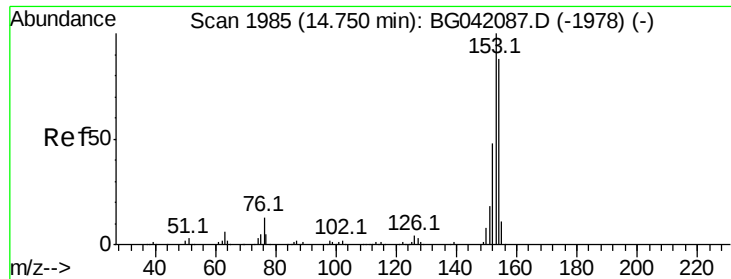


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 5.947 ng/ul

RT: 14.76 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampled :

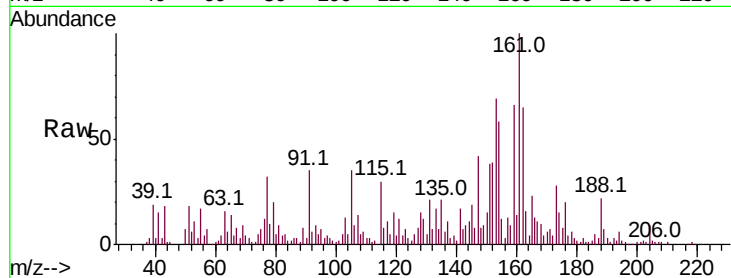
Tot Ion:153 Resp: 78156

Ion Ratio Lower Upper

153 100

152 56.3 37.8 56.8

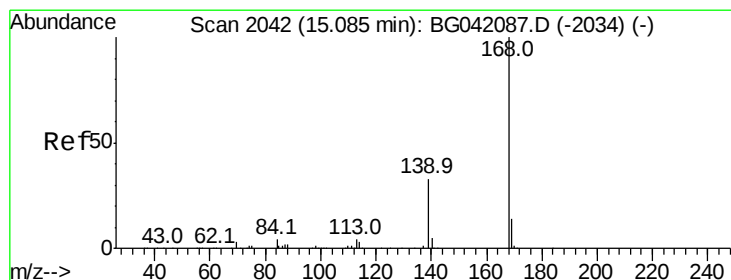
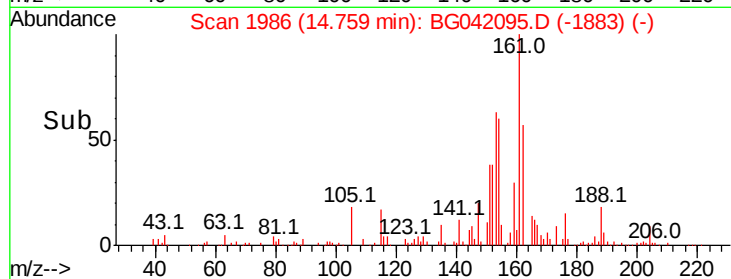
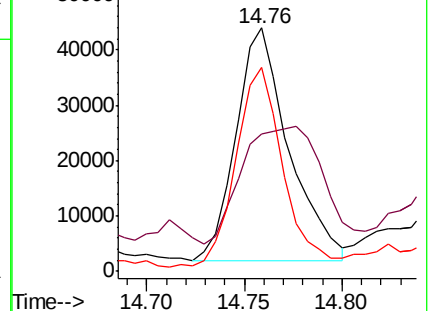
154 83.9 69.4 104.2



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



#53

Dibenzofuran

Concen: 13.985 ng/ul

RT: 15.09 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BG042095.D

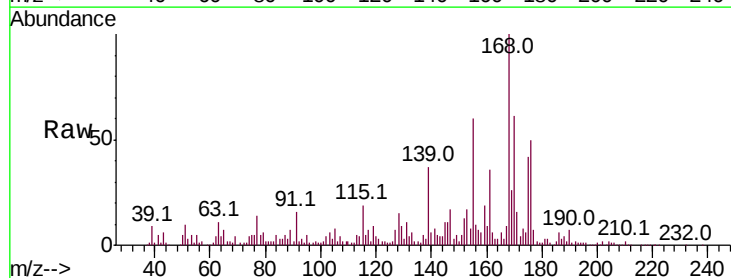
Acq: 9 Aug 2019 10:10

Tgt Ion:168 Resp: 274307

Ion Ratio Lower Upper

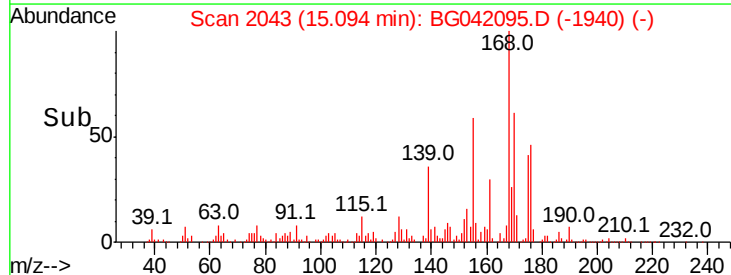
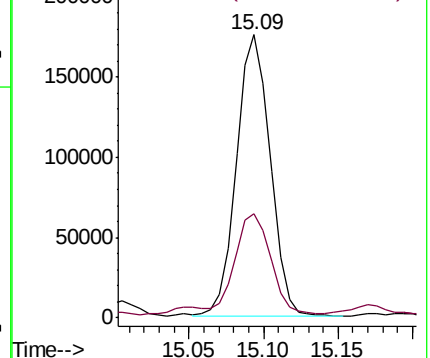
168 100

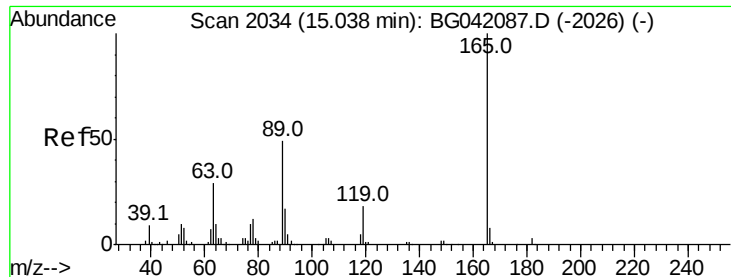
139 36.9 27.3 40.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

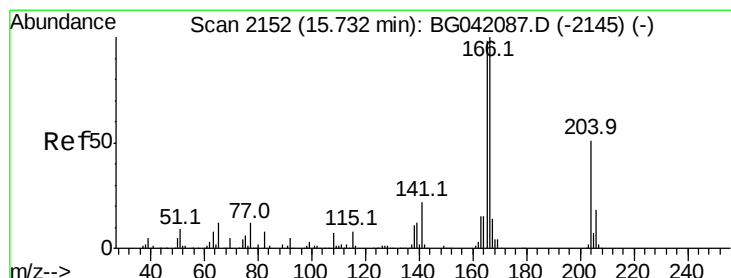
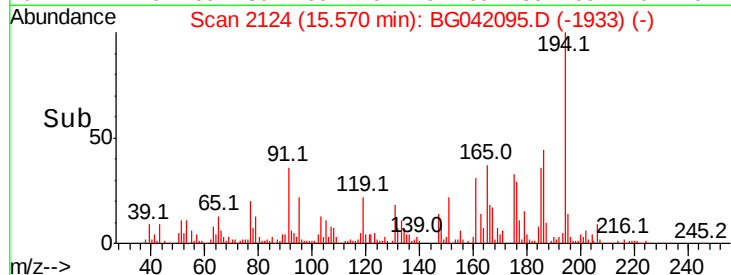
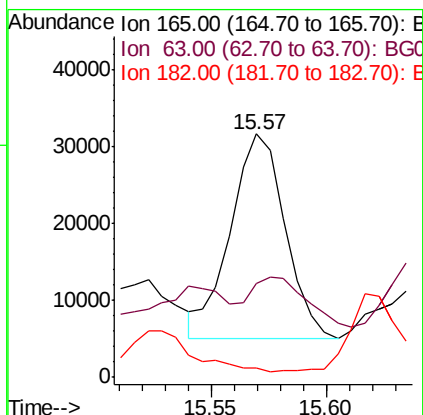
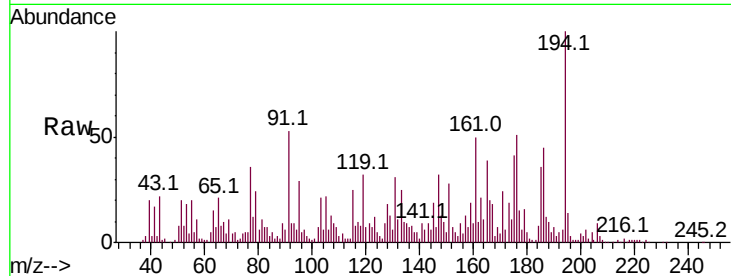




#54
2,4-Dinitrotoluene
Concen: 8.502 ng/ul
RT: 15.57 min Scan# 2124
Delta R.T. 0.53 min
Lab File: BG042095.D
Acq: 9 Aug 2019 10:10

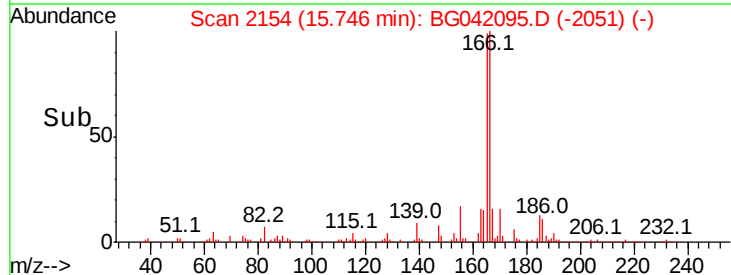
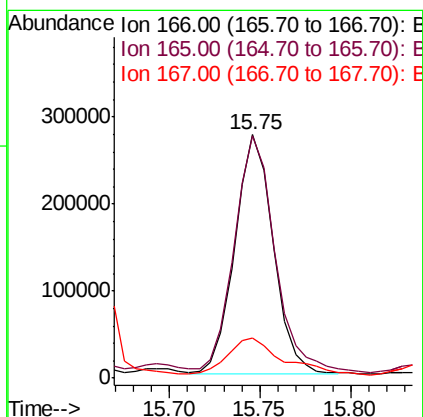
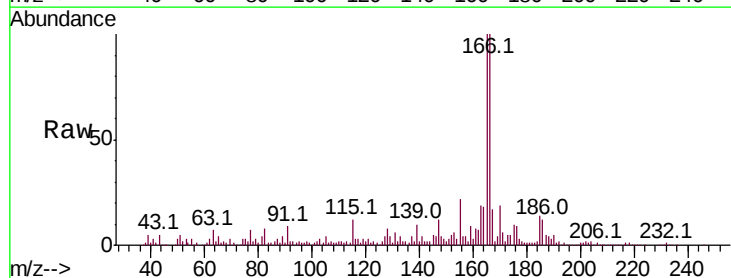
Instrument :
BNA_G
ClientSampleId :

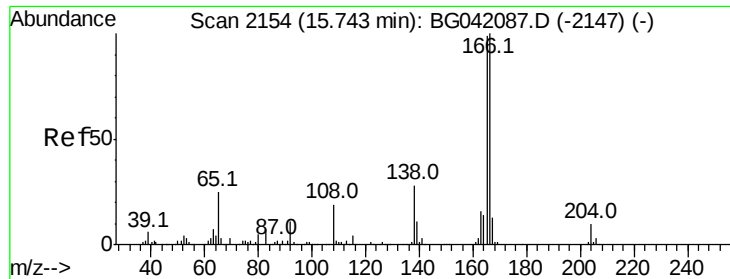
Tot Ion:165 Resp: 43522
Ion Ratio Lower Upper
165 100
63 38.8 29.4 44.2
182 3.7 2.6 4.0



#58
Fluorene
Concen: 25.574 ng/ul
RT: 15.75 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG042095.D
Acq: 9 Aug 2019 10:10

Tgt Ion:166 Resp: 404038
Ion Ratio Lower Upper
166 100
165 99.6 81.1 121.7
167 16.6 11.0 16.4#

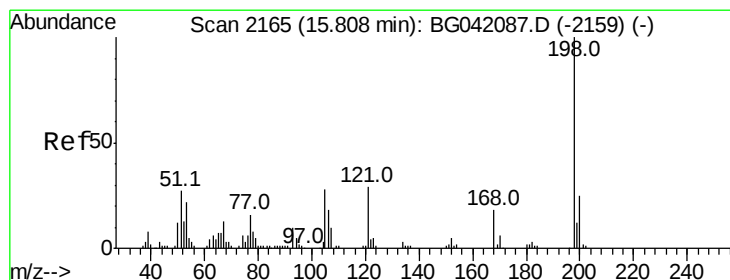
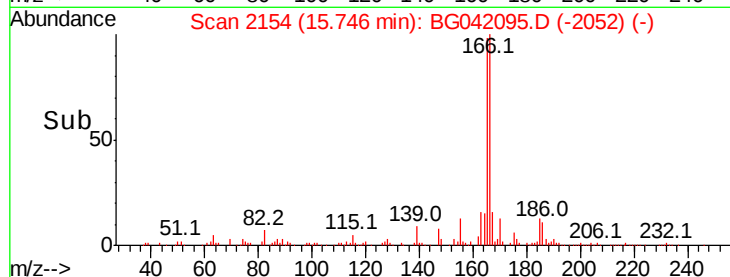
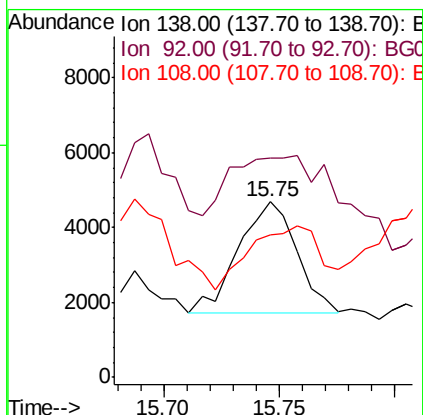
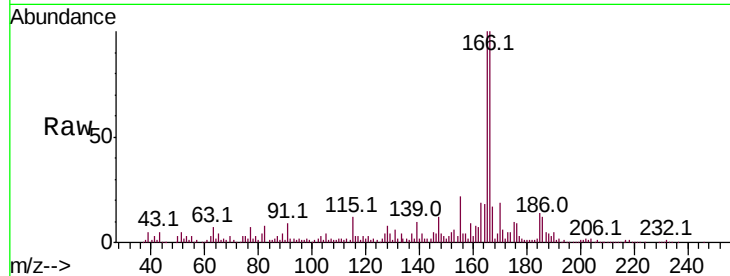




#60
4-Nitroaniline
Concen: 1.666 ng/ul
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG042095.D
Acq: 9 Aug 2019 10:10

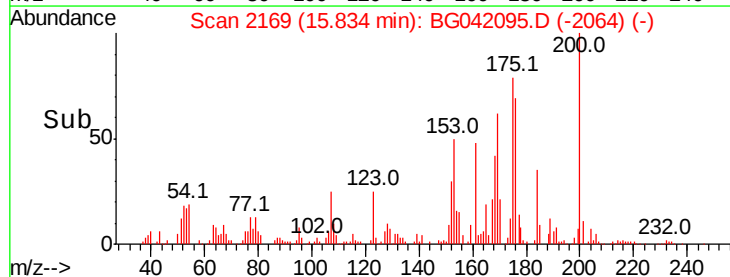
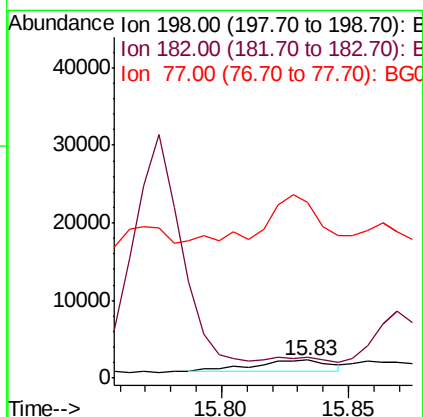
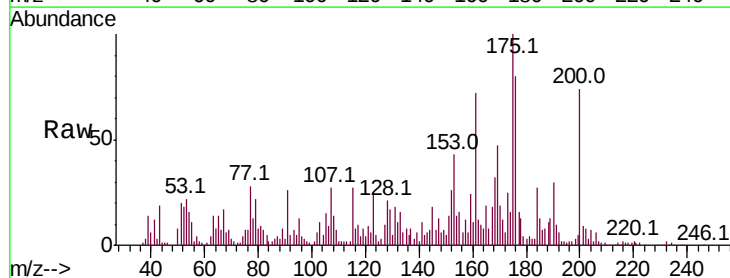
Instrument :
BNA_G
ClientSampled :

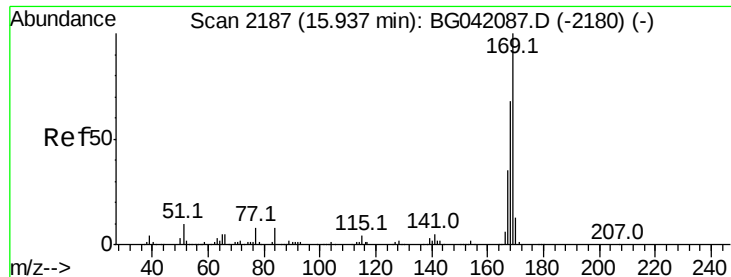
Tot Ion:138 Resp: 5213
Ion Ratio Lower Upper
138 100
92 124.7 34.6 51.8#
108 81.3 54.2 81.2#



#63
4,6-Dinitro-2-methylphenol
Concen: 1.186 ng/ul
RT: 15.83 min Scan# 2169
Delta R.T. 0.02 min
Lab File: BG042095.D
Acq: 9 Aug 2019 10:10

Tgt Ion:198 Resp: 3167
Ion Ratio Lower Upper
198 100
182 115.7 3.4 5.0#
77 988.2 13.2 19.8#



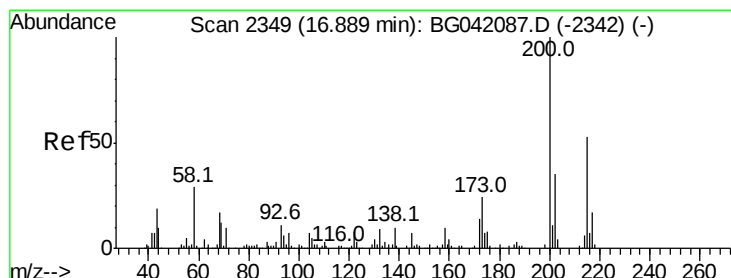
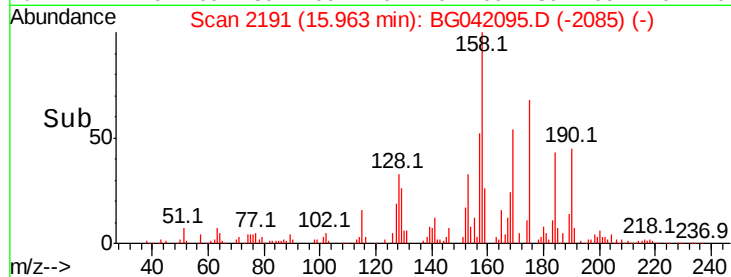
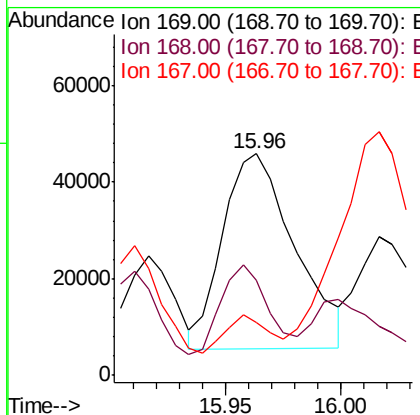
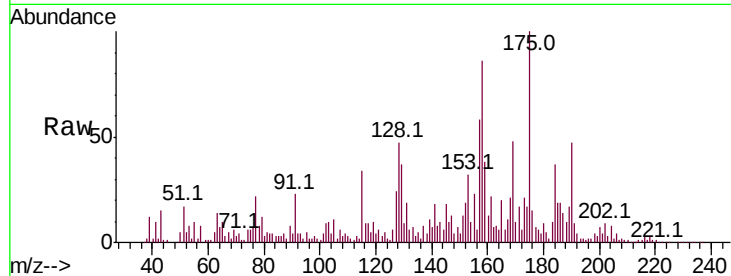


#64

N-Nitrosodiphenylamine
 Concen: 7.657 ng/ul
 RT: 15.96 min Scan# 2191
 Delta R.T. 0.03 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

Instrument :
 BNA_G
 ClientSampleId :

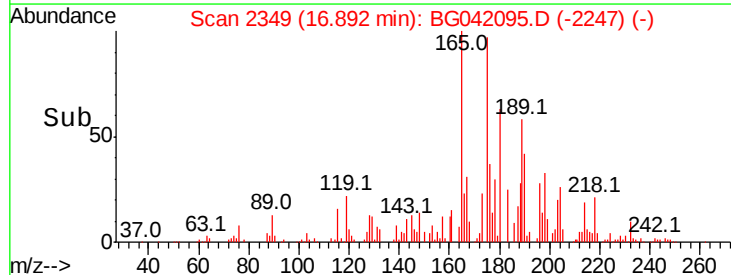
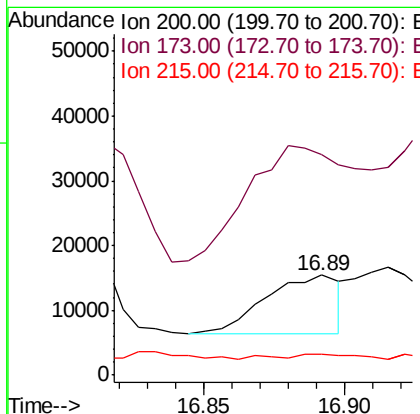
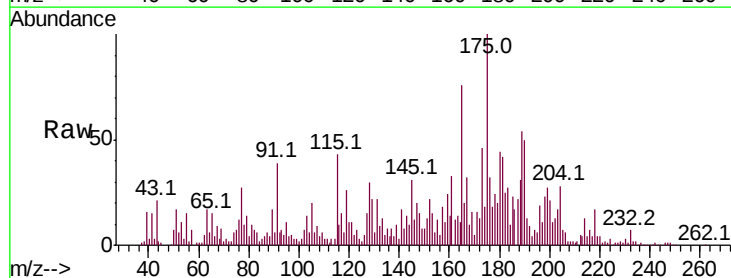
Tot Ion:169 Resp: 87739
 Ion Ratio Lower Upper
 169 100
 168 43.2 55.0 82.4#
 167 23.7 29.5 44.3#

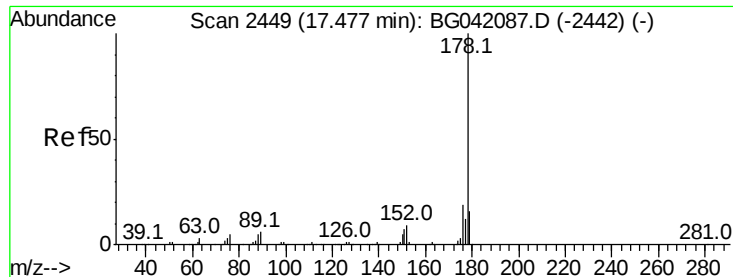


#67

Atrazine
 Concen: 3.400 ng/ul
 RT: 16.89 min Scan# 2349
 Delta R.T. 0.00 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

Tgt Ion:200 Resp: 16325
 Ion Ratio Lower Upper
 200 100
 173 220.7 19.0 28.6#
 215 20.7 43.0 64.6#





#69

Phenanthrene

Concen: 27.356 ng/ul

RT: 17.50 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampleId :

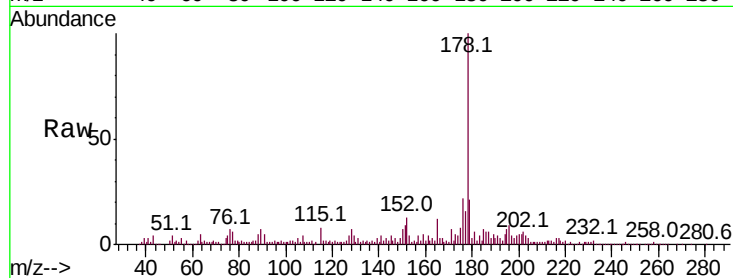
Tot Ion:178 Resp: 578390

Ion Ratio Lower Upper

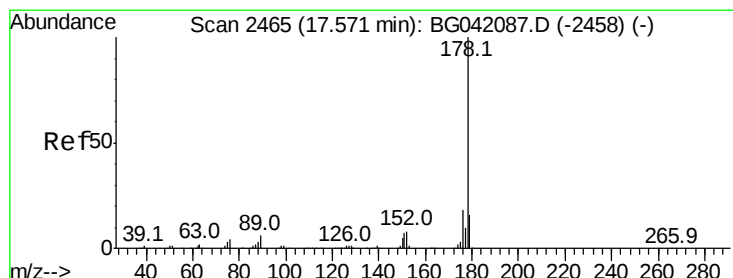
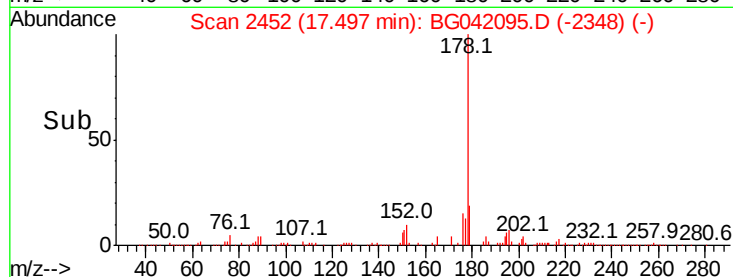
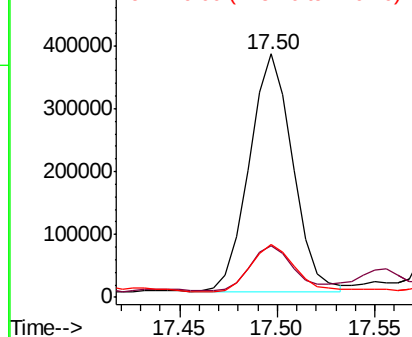
178 100

179 21.2 12.8 19.2#

176 21.6 15.4 23.2



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



#71

Anthracene

Concen: 9.225 ng/ul

RT: 17.59 min Scan# 2468

Delta R.T. 0.02 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

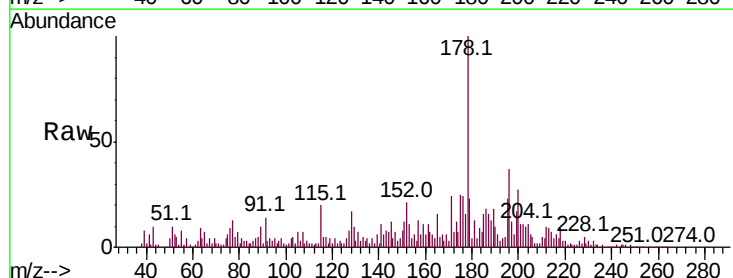
Tgt Ion:178 Resp: 197823

Ion Ratio Lower Upper

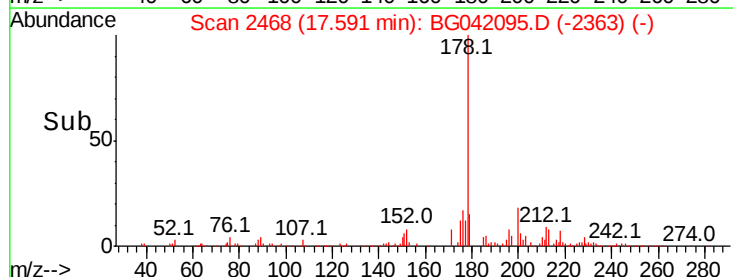
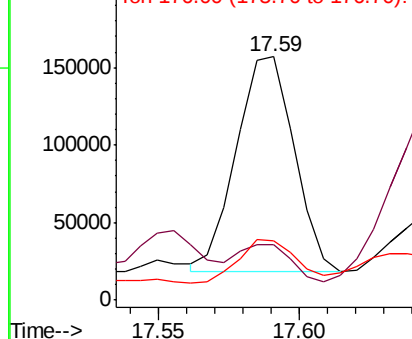
178 100

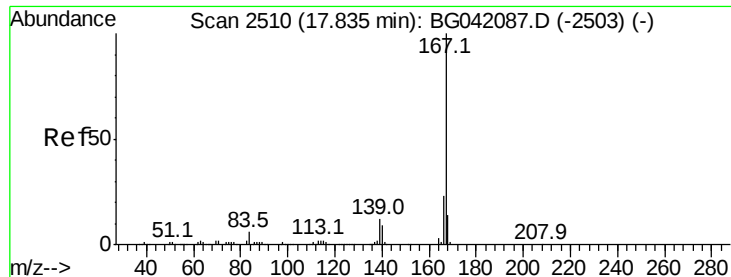
179 22.7 13.4 20.0#

176 24.4 15.4 23.2#



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

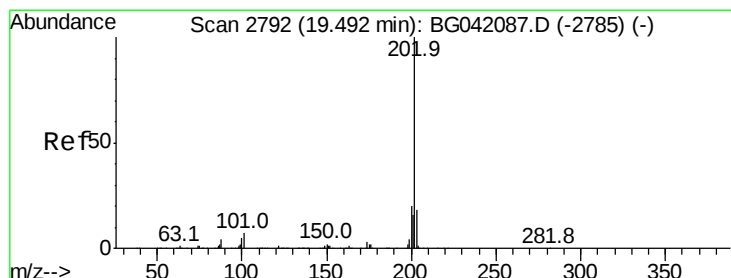
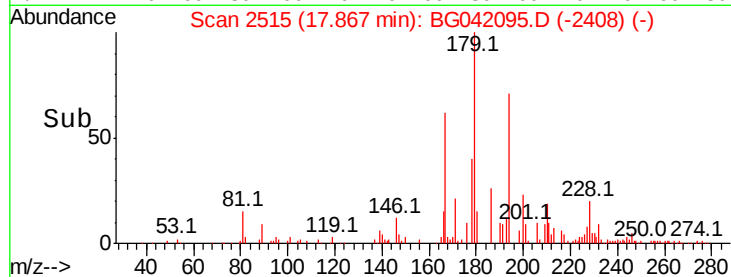
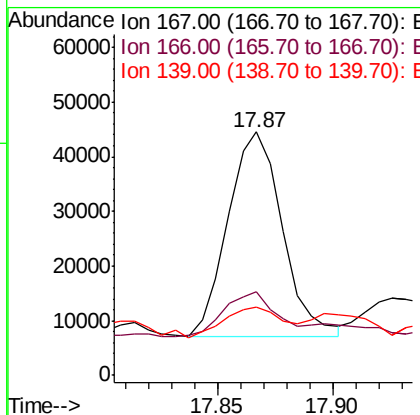
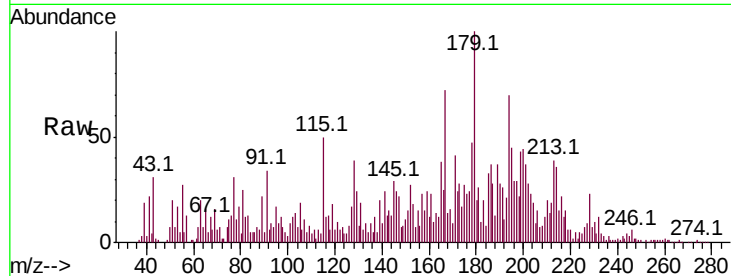




#74
 Carbazole
 Concen: 3.440 ng/ul
 RT: 17.87 min Scan# 2515
 Delta R.T. 0.03 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

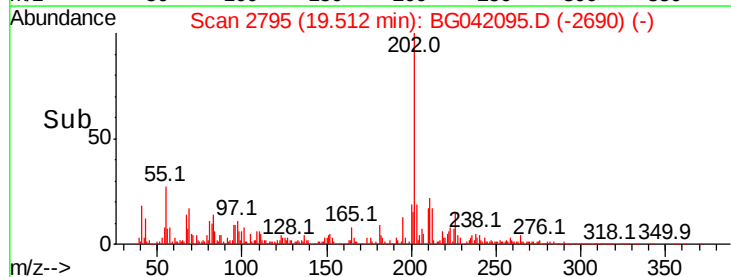
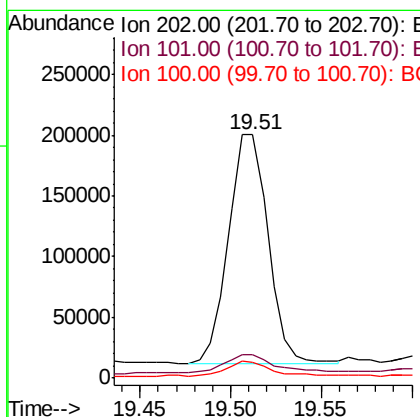
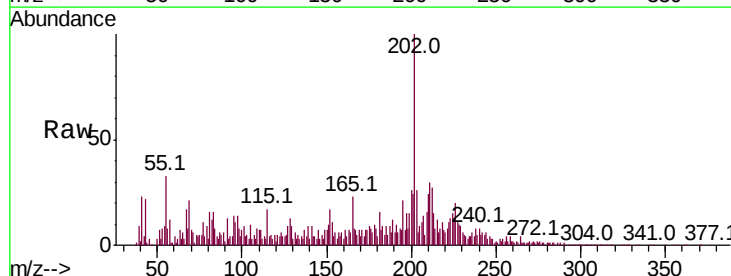
Instrument :
 BNA_G
 ClientSampled :

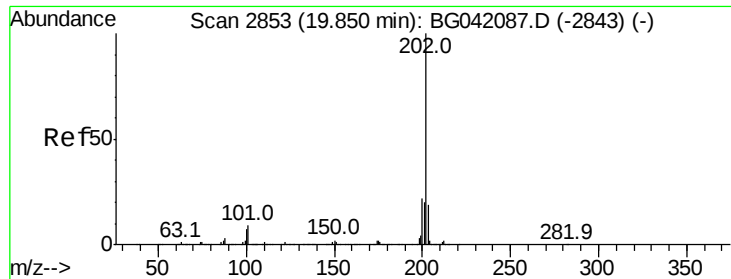
Tot Ion:167 Resp: 61110
 Ion Ratio Lower Upper
 167 100
 166 34.1 18.2 27.4#
 139 27.8 9.6 14.4#



#76
 Fluoranthene
 Concen: 11.855 ng/ul
 RT: 19.51 min Scan# 2795
 Delta R.T. 0.02 min
 Lab File: BG042095.D
 Acq: 9 Aug 2019 10:10

Tgt Ion:202 Resp: 289596
 Ion Ratio Lower Upper
 202 100
 101 9.5 6.7 10.1
 100 6.5 5.3 7.9





#79

Pvrene

Concen: 13.493 ng/ul

RT: 19.87 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampleId :

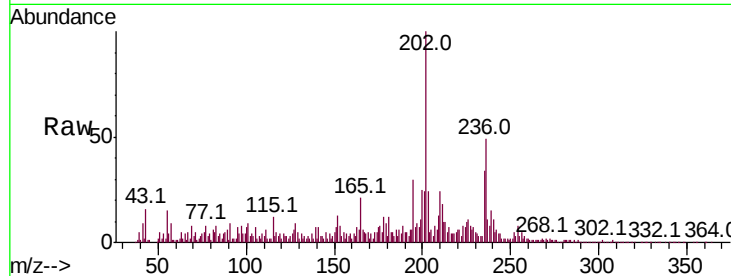
Tot Ion:202 Resp: 376433

Ion Ratio Lower Upper

202 100

101 8.9 7.6 11.4

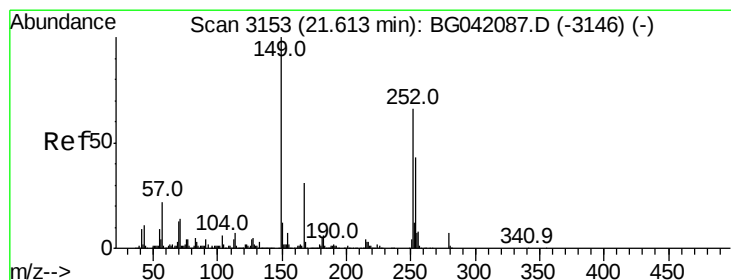
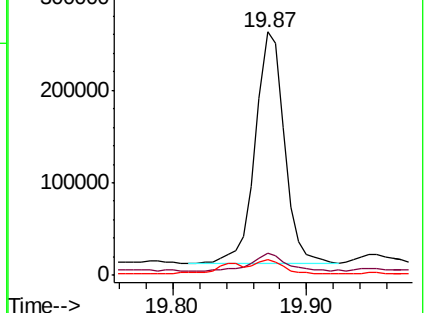
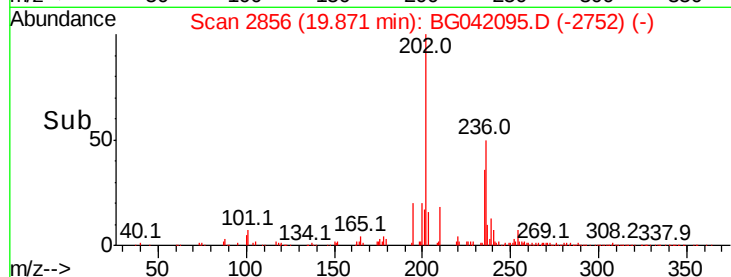
100 6.6 6.5 9.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

3,3'-Dichlorobenzidine

Concen: 1.312 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

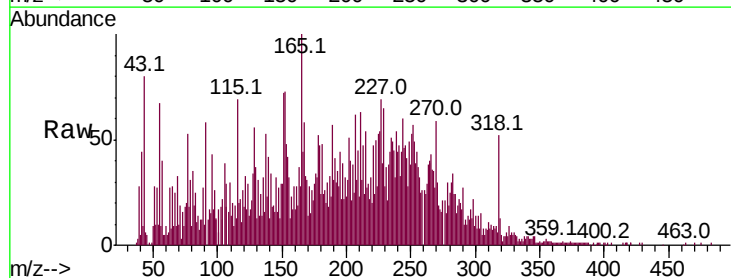
Tgt Ion:252 Resp: 12364

Ion Ratio Lower Upper

252 100

254 68.6 53.1 79.7

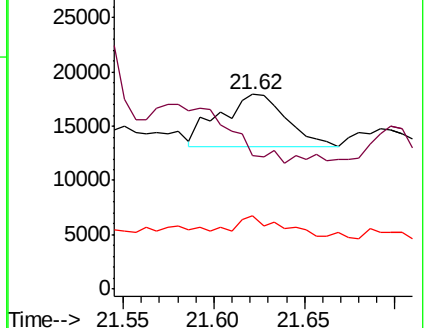
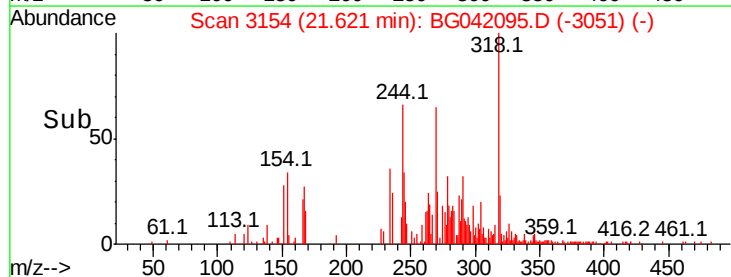
126 37.9 6.9 10.3#

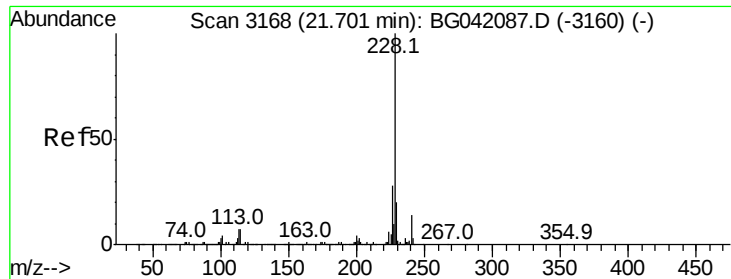


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Benzo(a)anthracene

Concen: 4.301 ng/ul

RT: 21.73 min Scan# 3172

Delta R.T. 0.03 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampleId :

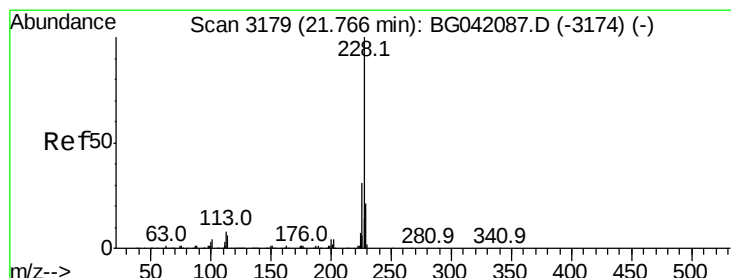
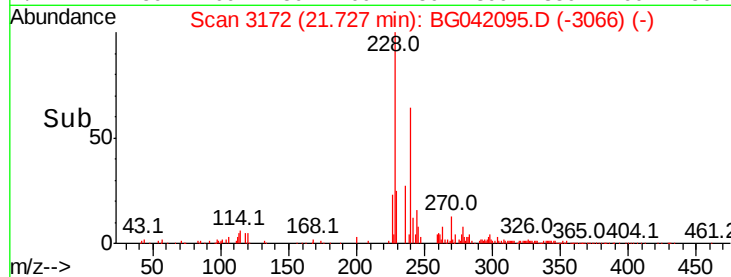
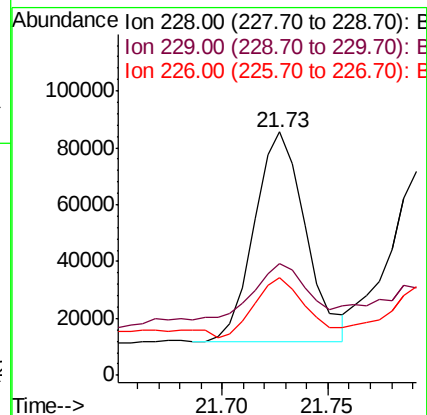
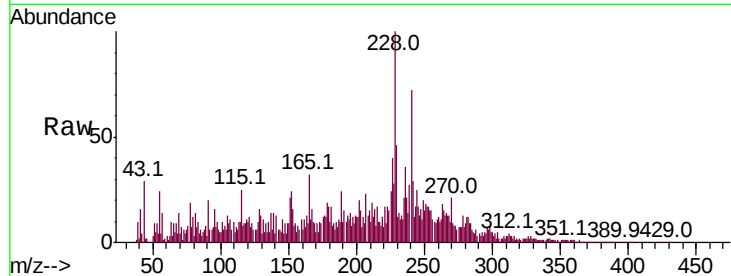
Tot Ion:228 Resp: 123672

Ion Ratio Lower Upper

228 100

229 46.0 17.0 25.6#

226 40.3 23.3 34.9#



#84

Chrysene

Concen: 3.905 ng/ul

RT: 21.79 min Scan# 3183

Delta R.T. 0.03 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

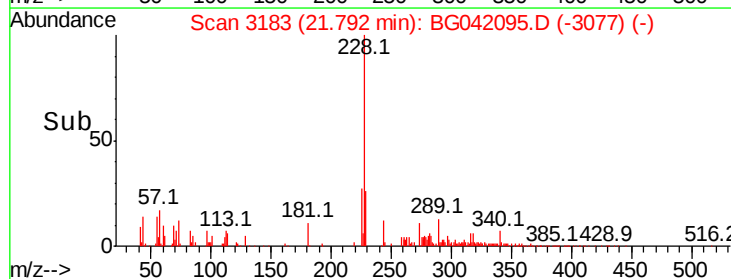
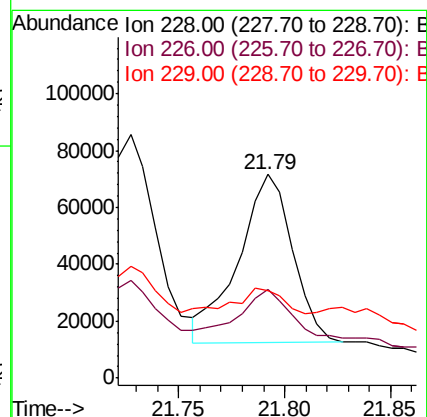
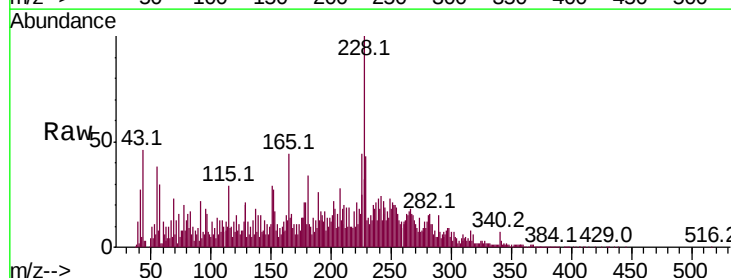
Tgt Ion:228 Resp: 104815

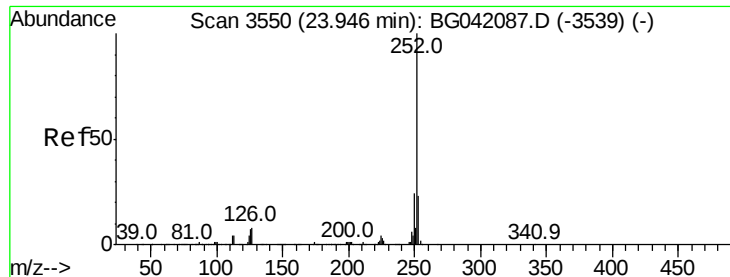
Ion Ratio Lower Upper

228 100

226 43.6 25.7 38.5#

229 43.0 16.6 24.8#





#87

Benzo(b)fluoranthene

Concen: 2.797 ng/ul

RT: 24.00 min Scan# 3558

Delta R.T. 0.05 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampleId :

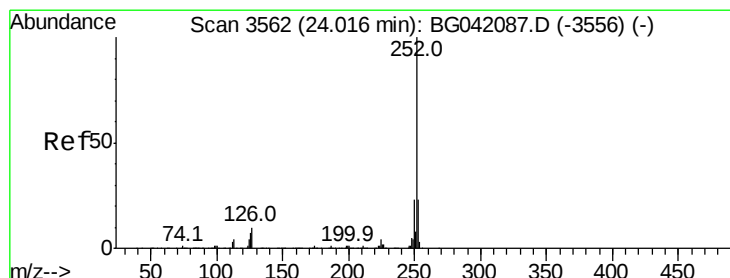
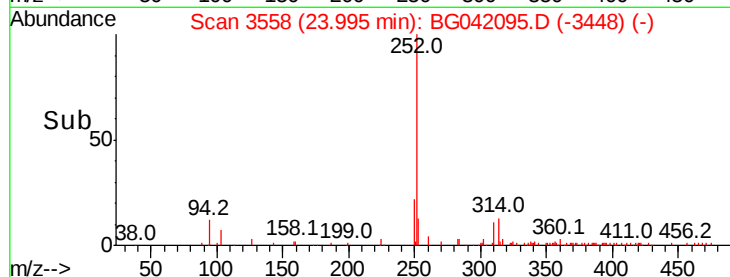
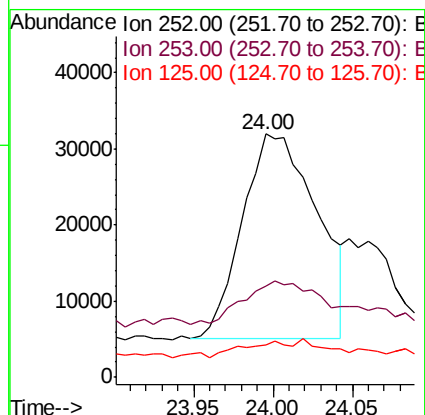
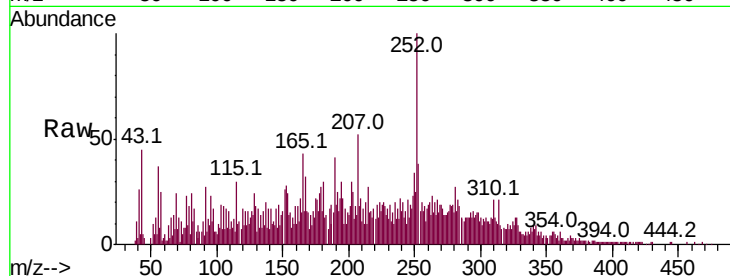
Tot Ion:252 Resp: 87640

Ion Ratio Lower Upper

252 100

253 37.6 18.4 27.6#

125 13.4 5.8 8.8#



#88

Benzo(k)fluoranthene

Concen: 2.910 ng/ul

RT: 24.00 min Scan# 3558

Delta R.T. -0.02 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

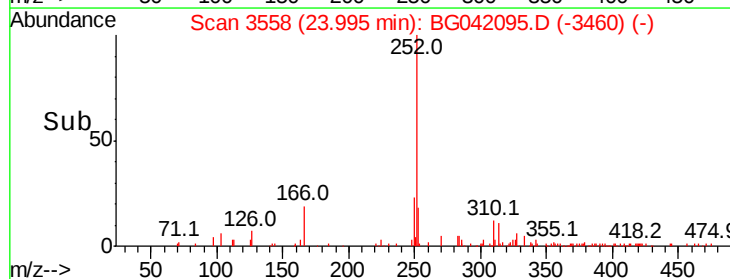
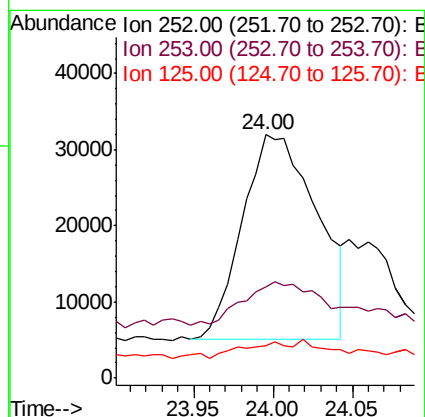
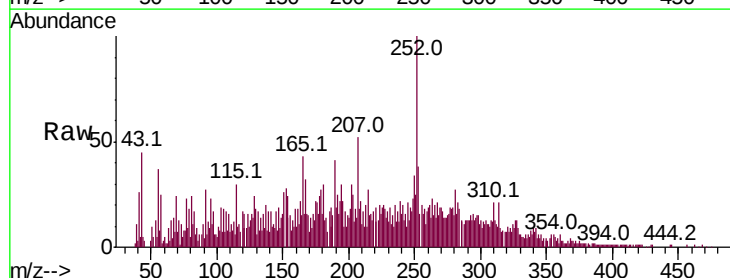
Tgt Ion:252 Resp: 87640

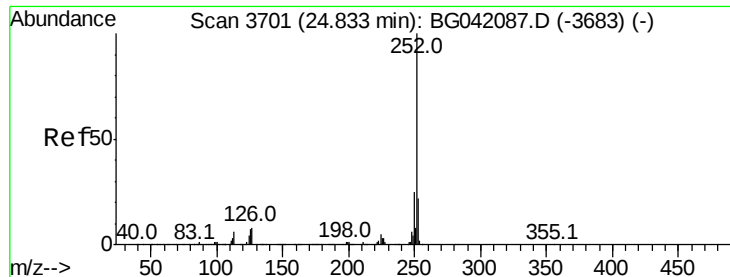
Ion Ratio Lower Upper

252 100

253 37.6 18.3 27.5#

125 13.4 5.5 8.3#





#90

Benzo(a)pyrene

Concen: 2.875 ng/ul

RT: 24.89 min Scan# 3710

Delta R.T. 0.06 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampleId :

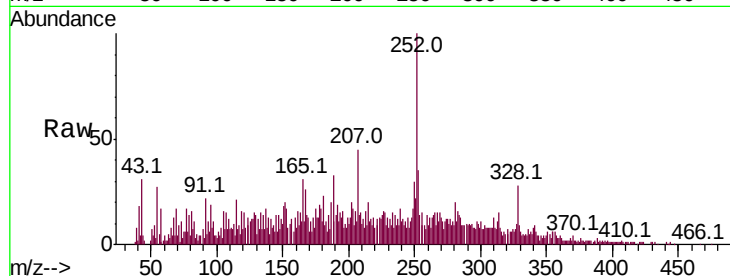
Tot Ion:252 Resp: 85836

Ion Ratio Lower Upper

252 100

253 35.1 18.3 27.5#

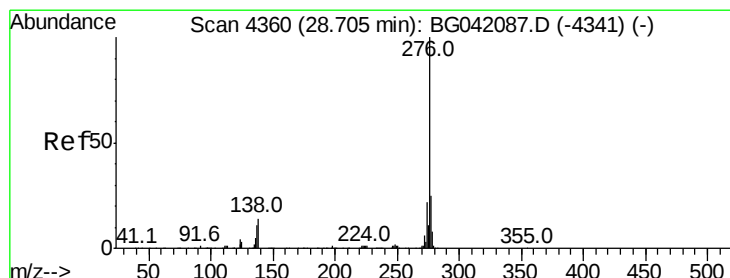
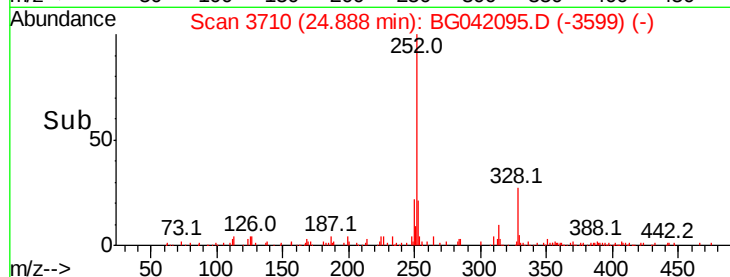
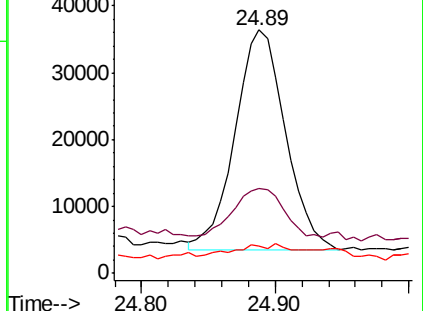
125 11.4 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.219 ng/ul

RT: 28.81 min Scan# 4377

Delta R.T. 0.10 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

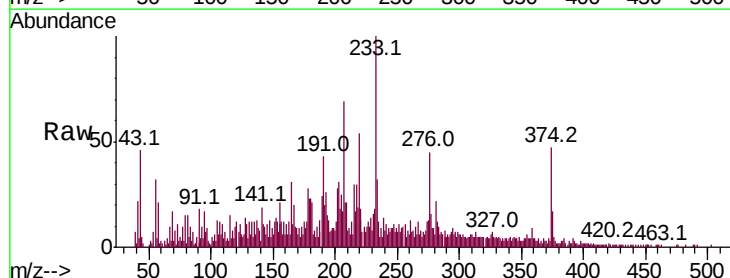
Tgt Ion:276 Resp: 42437

Ion Ratio Lower Upper

276 100

138 19.9 12.0 18.0#

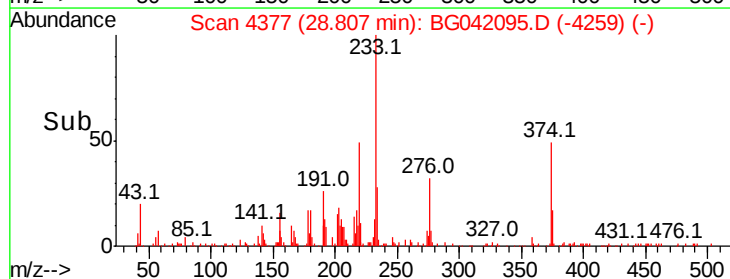
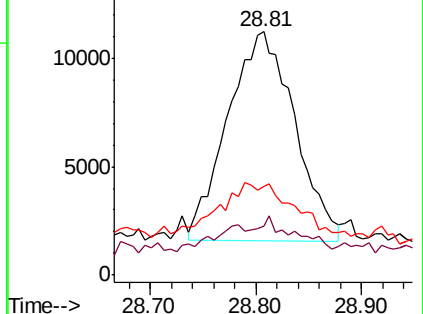
277 36.5 19.2 28.8#

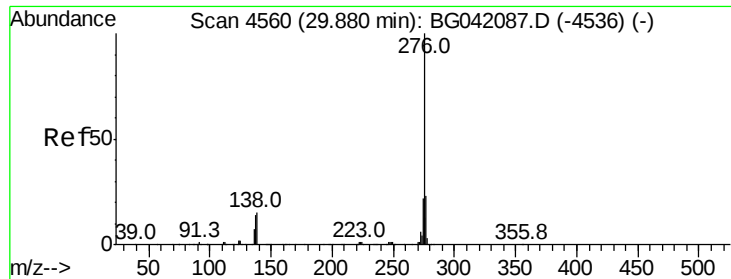


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.173 ng/ul

RT: 29.98 min Scan# 4576

Delta R.T. 0.09 min

Lab File: BG042095.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_G

ClientSampleId :

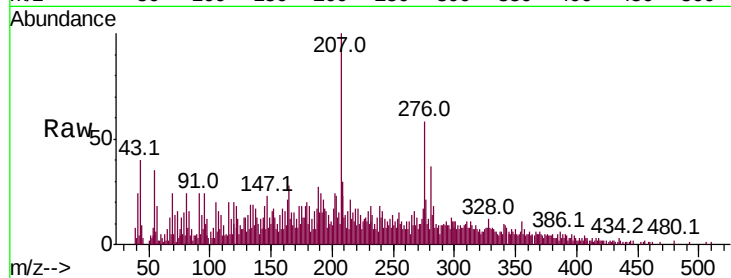
Tot Ion:276 Resp: 34096

Ion Ratio Lower Upper

276 100

138 21.5 12.6 18.8#

277 36.2 19.2 28.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

