

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042241.D
 Acq On : 15 Aug 2019 22:46
 Operator : HP/JU
 Sample : K4183-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

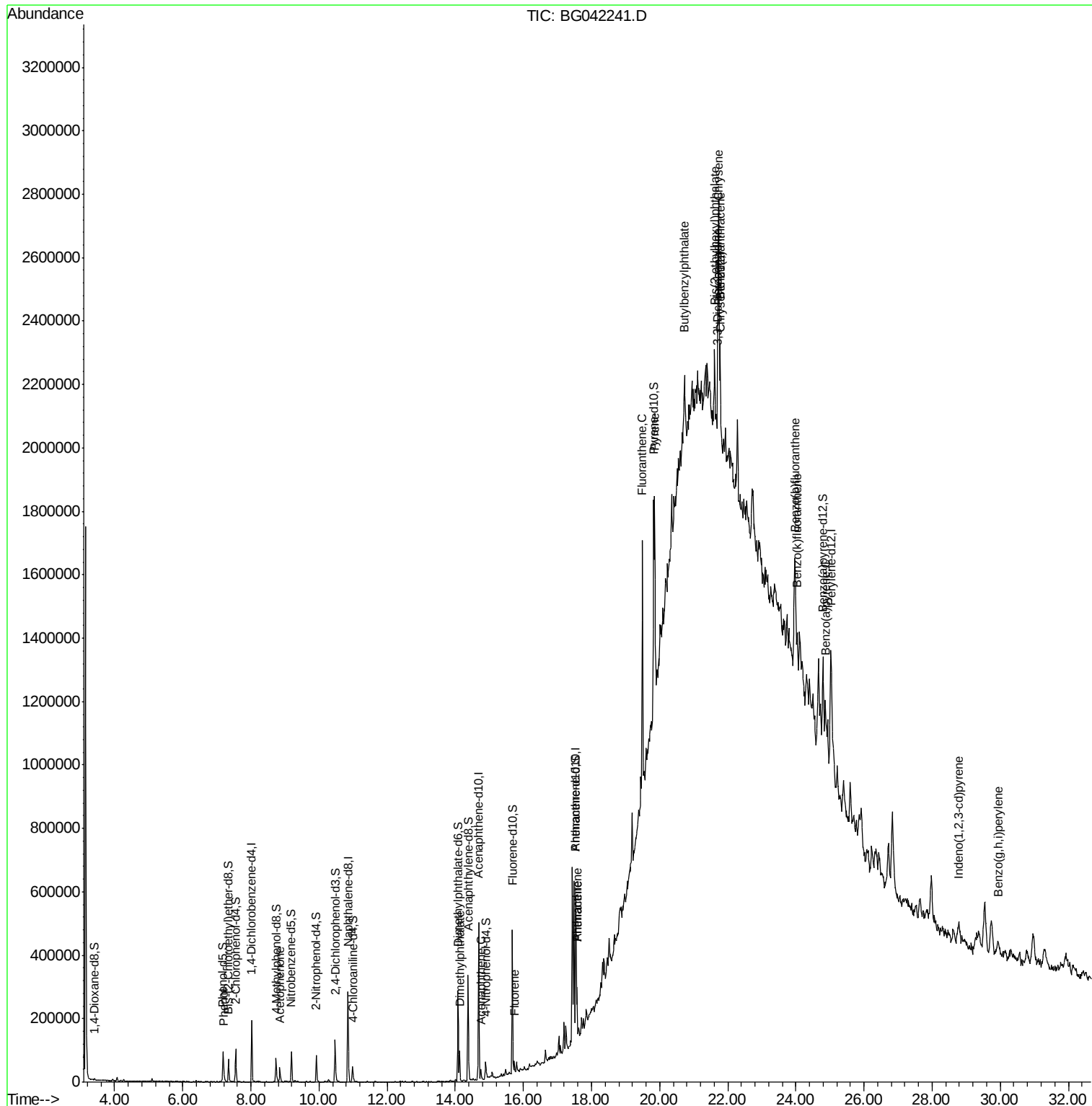
Quant Time: Aug 16 10:07:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

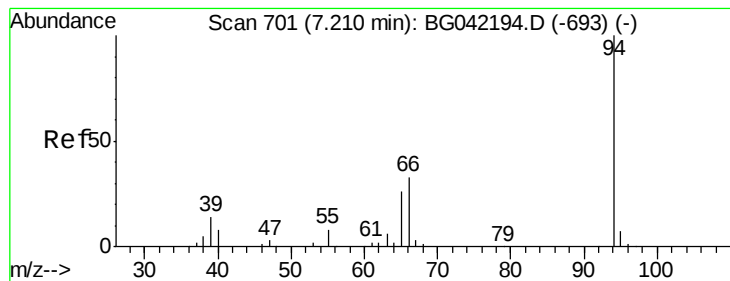
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	68805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	277266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	193602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	293125	20.00	ng/ul	0.10
77) Chrysene-d12	21.79	240	1012	20.00	ng/ul	0.07
85) Perylene-d12	25.03	264	464444	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	2590	1.65	ng/uL	0.00
5) Phenol-d5	7.18	99	65951	12.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	34155	11.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	62469	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	38780	8.55	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	31594	15.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	37981	15.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	69314	14.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	38558	7.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	227739	15.17	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	266929	15.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	26458	10.49	ng/ul	0.00
57) Fluorene-d10	15.68	176	201979	15.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	75	0.04	ng/ul	0.07
70) Anthracene-d10	17.53	188	293125	20.84	ng/ul	0.00
78) Pyrene-d10	19.83	212	328348	5814.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	385995	15.91	ng/ul	0.03
Target Compounds						
6) Phenol	7.21	94	12366	2.219	ng/ul#	89
14) Acetophenone	8.85	105	30354	4.353	ng/ul	98
44) Dimethylphthalate	14.13	163	72830	4.885	ng/ul	99
49) Acenaphthene	14.75	153	14010	1.157	ng/ul	96
58) Fluorene	15.73	166	19239	1.322	ng/ul	88
69) Phenanthrene	17.57	178	96382	6.006	ng/ul	100
71) Anthracene	17.57	178	96382	5.922	ng/ul	99
76) Fluoranthene	19.50	202	563157	30.373	ng/ul	96
79) Pvrene	19.86	202	439165	6451.388	ng/ul	98
80) Butylbenzylphthalate	20.74	149	28645	1069.089	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.69	252	280	12.173	ng/ul#	1
82) Benzo(a)anthracene	21.78	228	221650	3158.897	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.62	149	89857	2457.898	ng/ul	95
84) Chrysene	21.71	228	250004	3817.447	ng/ul	93
87) Benzo(b)fluoranthene	23.99	252	286457	9.828	ng/ul#	77
88) Benzo(k)fluoranthene	24.04	252	91375	3.261	ng/ul#	71
90) Benzo(a)pyrene	24.87	252	187599	6.754	ng/ul#	87
91) Indeno(1,2,3-cd)pyrene	28.77	276	106153	3.277	ng/ul	94
93) Benzo(g,h,i)perylene	29.94	276	86136	3.185	ng/ul#	91

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

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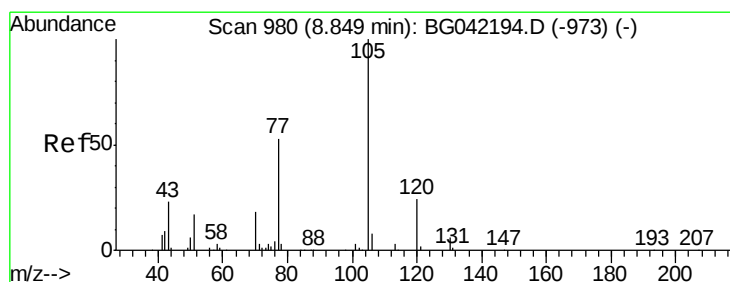
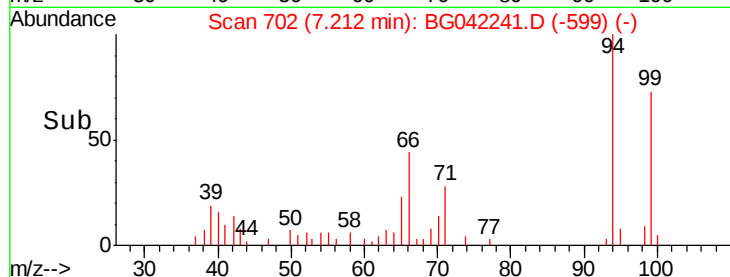
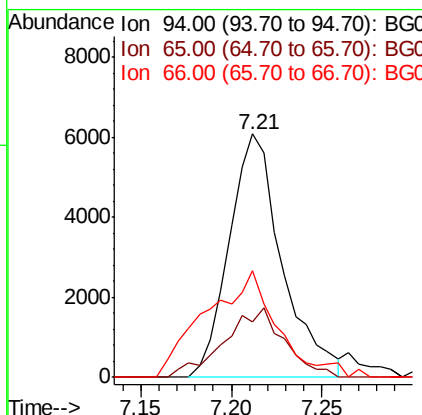
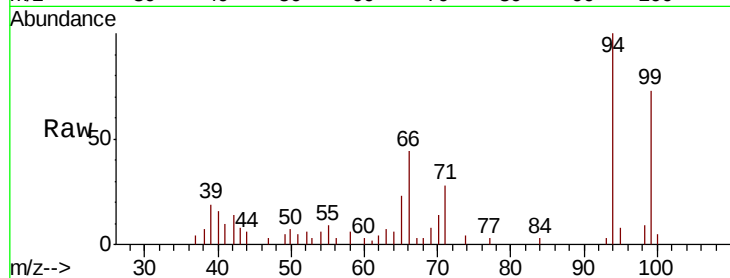
#6

Phenol

Concen: 2.219 ng/ul
 RT: 7.21 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

Tot Ion	Ratio	Lower	Upper
94	100		
65	22.9	25.8	38.6#
66	43.7	31.8	47.8

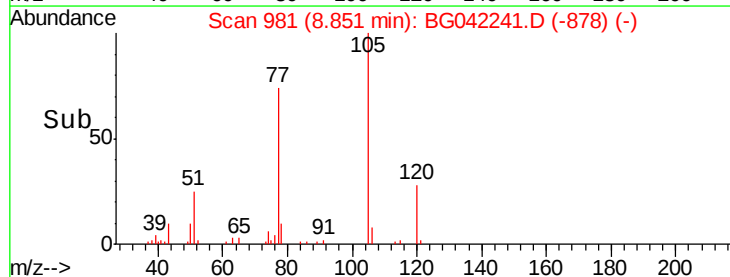
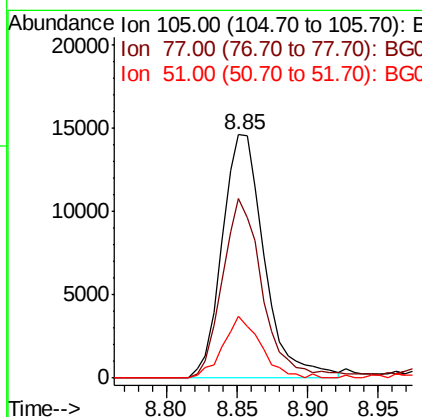
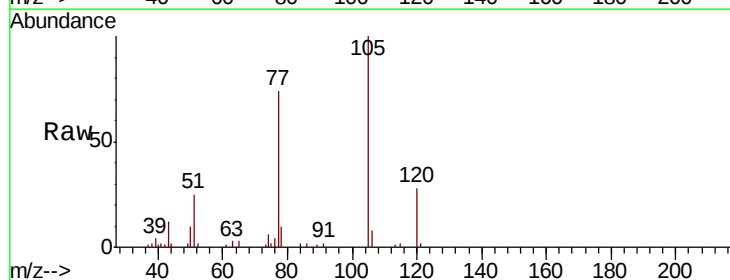


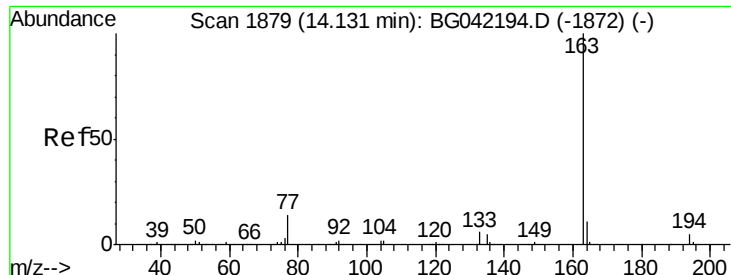
#14

Acetophenone

Concen: 4.353 ng/ul
 RT: 8.85 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
105	100		
77	73.8	60.0	90.0
51	25.1	22.1	33.1

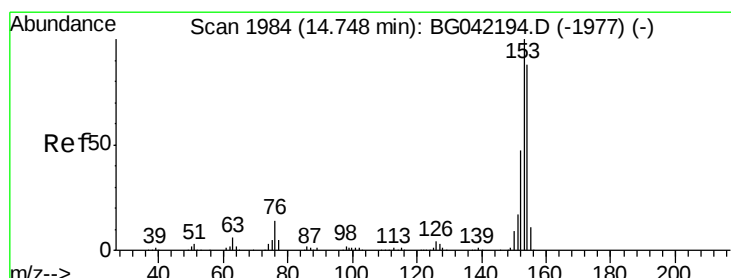
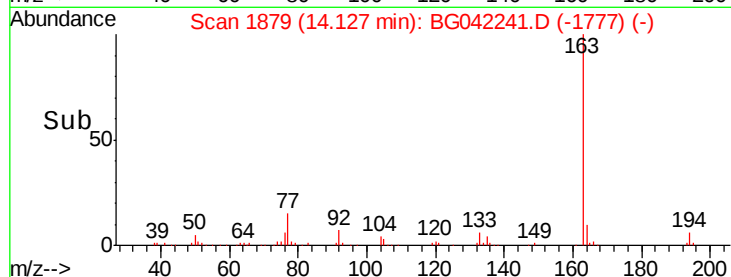
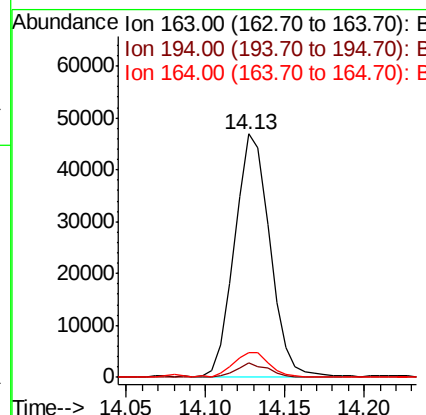
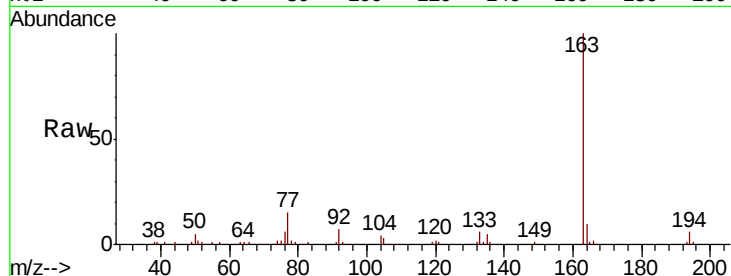




#44
Dimethylphthalate
Concen: 4.885 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

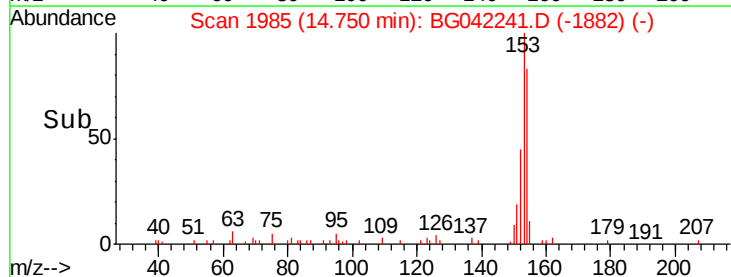
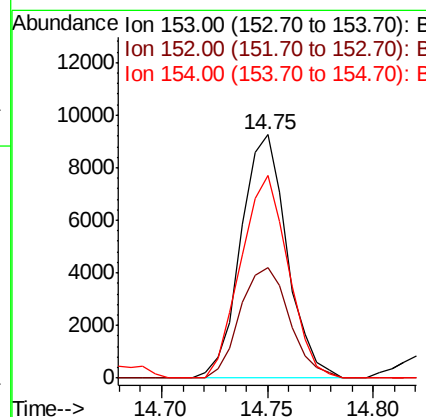
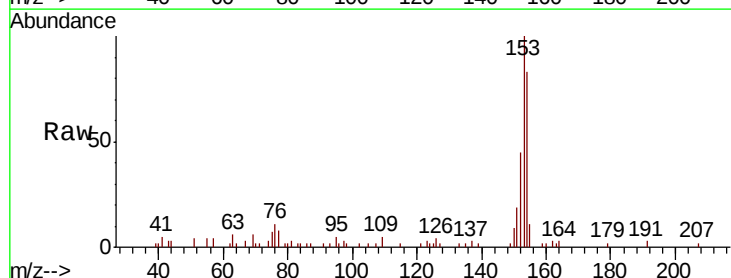
Instrument :
BNA_G
ClientSampleId :
C0AG1

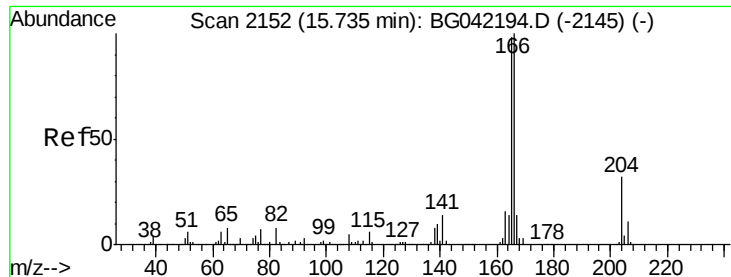
Tot Ion:163 Resp: 72830
Ion Ratio Lower Upper
163 100
194 5.9 4.2 6.2
164 9.9 7.8 11.8



#49
Acenaphthene
Concen: 1.157 ng/ul
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

Tgt Ion:153 Resp: 14010
Ion Ratio Lower Upper
153 100
152 45.2 37.8 56.8
154 83.0 69.4 104.2





#58

Fluorene

Concen: 1.322 ng/ul

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

ClientSampleId :

C0AG1

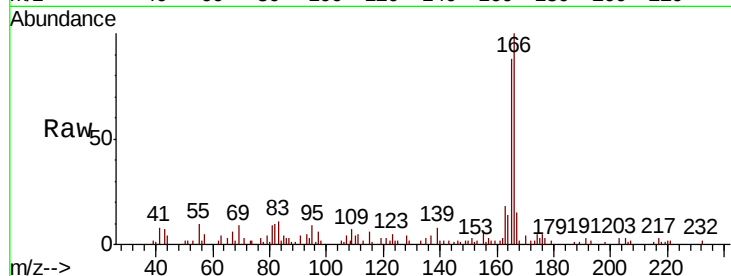
Tot Ion:166 Resp: 19239

Ion Ratio Lower Upper

166 100

165 88.1 81.1 121.7

167 15.0 11.0 16.4

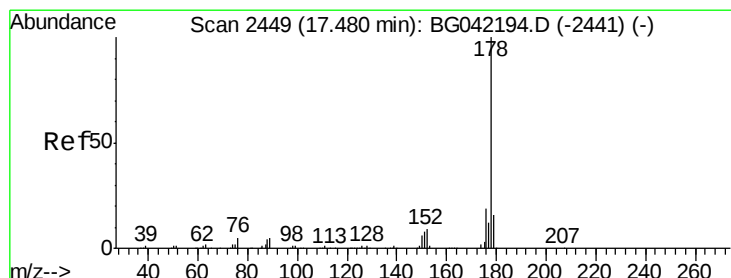
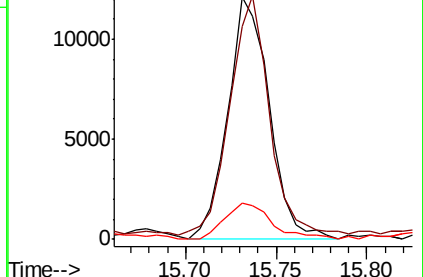
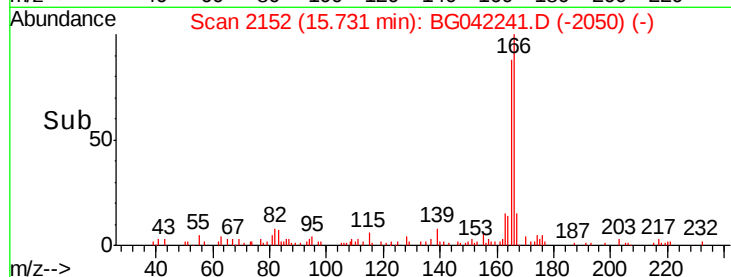


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.73



#69

Phenanthrene

Concen: 6.006 ng/ul

RT: 17.57 min Scan# 2465

Delta R.T. 0.09 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

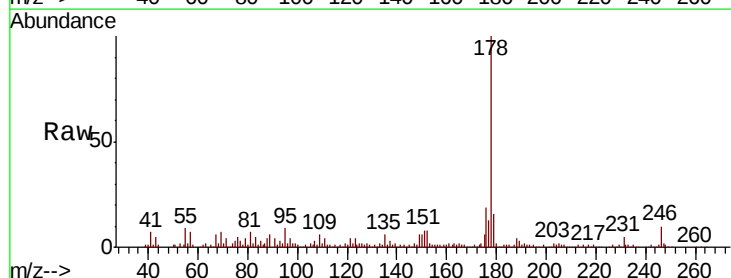
Tgt Ion:178 Resp: 96382

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.2 15.4 23.2

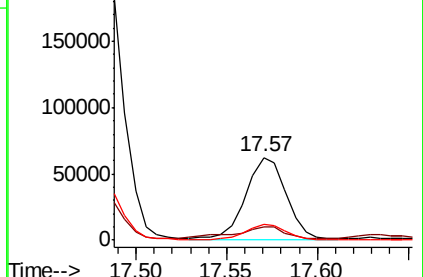
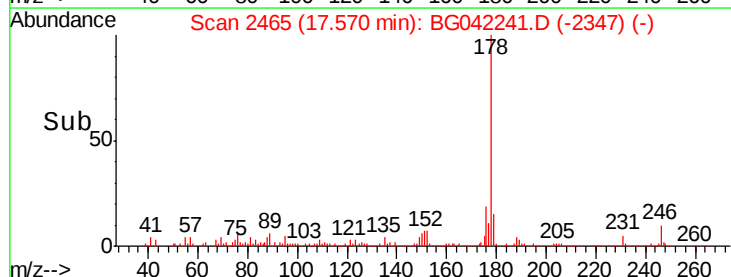


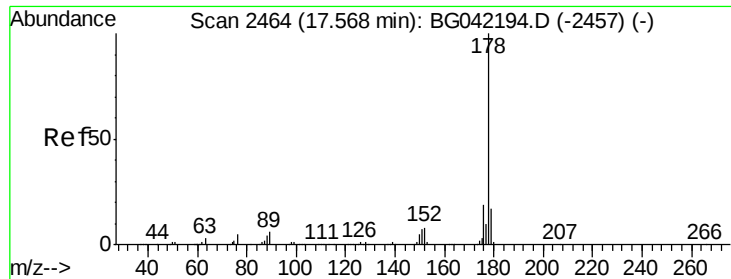
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.57





#71

Anthracene

Concen: 5.922 ng/ul

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

ClientSampleId :

C0AG1

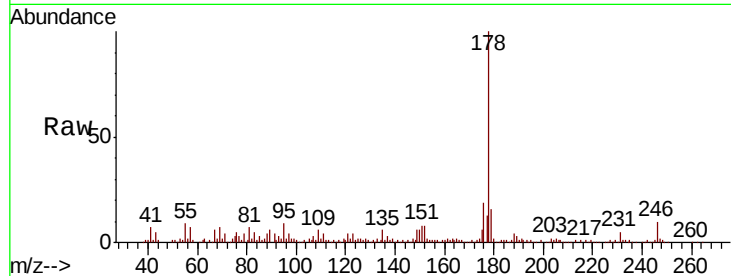
Tot Ion:178 Resp: 96382

Ion Ratio Lower Upper

178 100

179 16.0 13.4 20.0

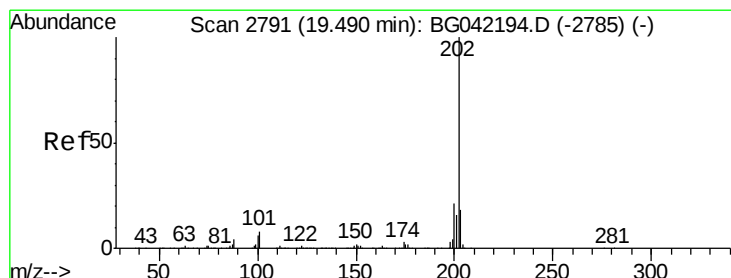
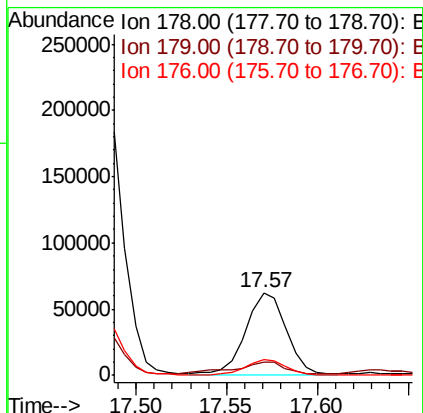
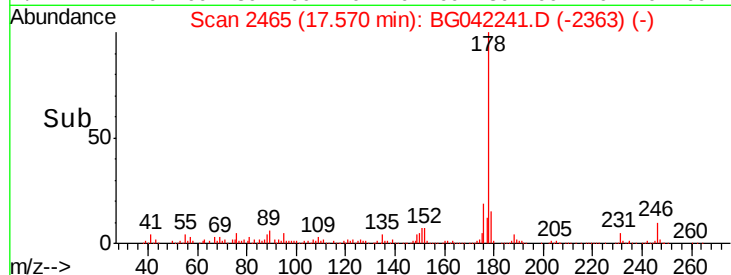
176 19.2 15.4 23.2



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



#76

Fluoranthene

Concen: 30.373 ng/ul

RT: 19.50 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

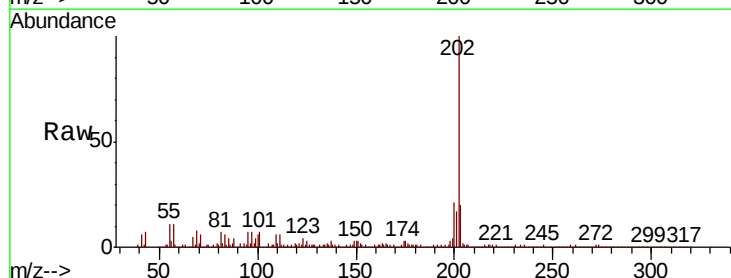
Tgt Ion:202 Resp: 563157

Ion Ratio Lower Upper

202 100

101 6.8 6.7 10.1

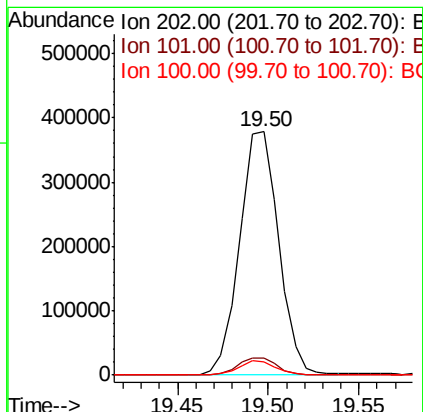
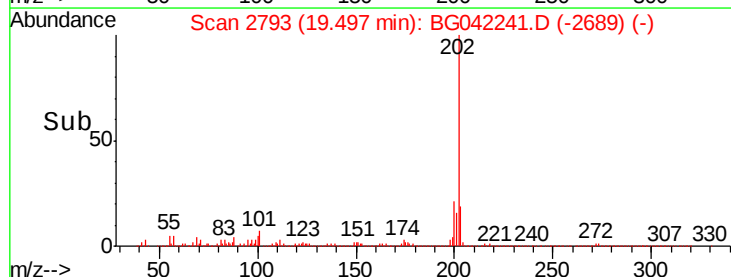
100 5.5 5.3 7.9

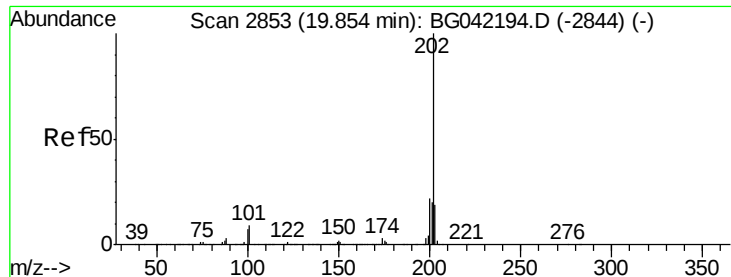


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 6451.388 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

ClientSampleId :

C0AG1

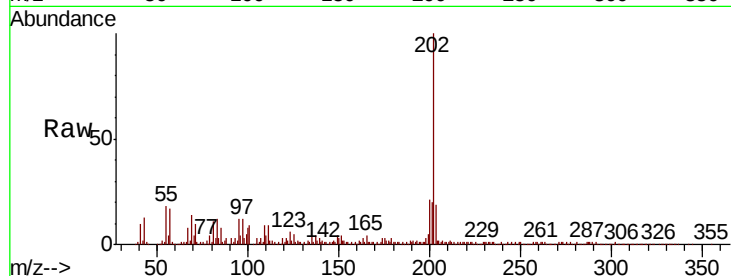
Tot Ion:202 Resp: 439165

Ion Ratio Lower Upper

202 100

101 8.5 7.6 11.4

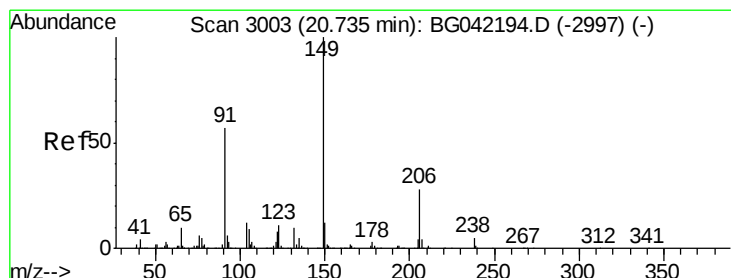
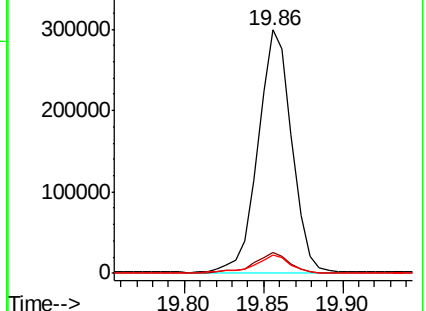
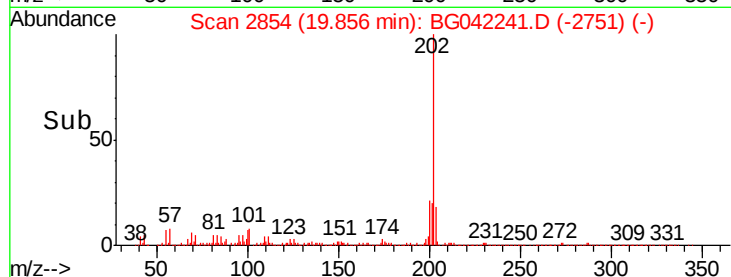
100 7.5 6.5 9.7



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



#80

Butylbenzylphthalate

Concen: 1069.089 ng/ul

RT: 20.74 min Scan# 3005

Delta R.T. 0.01 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

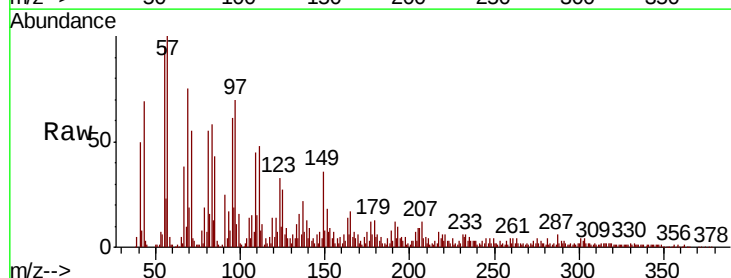
Tgt Ion:149 Resp: 28645

Ion Ratio Lower Upper

149 100

91 70.4 49.5 74.3

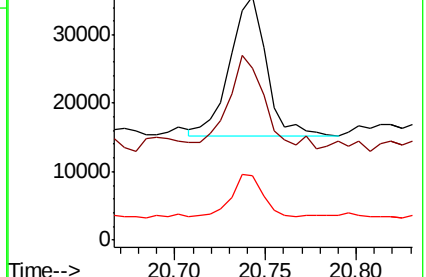
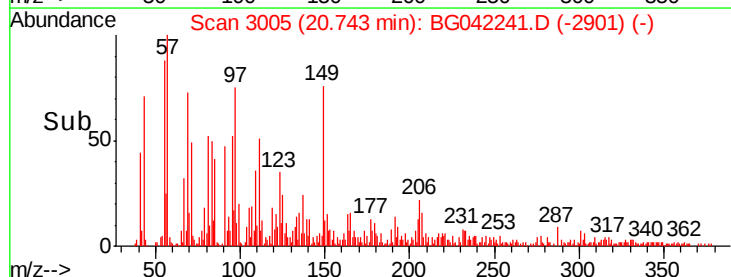
206 26.2 21.3 31.9

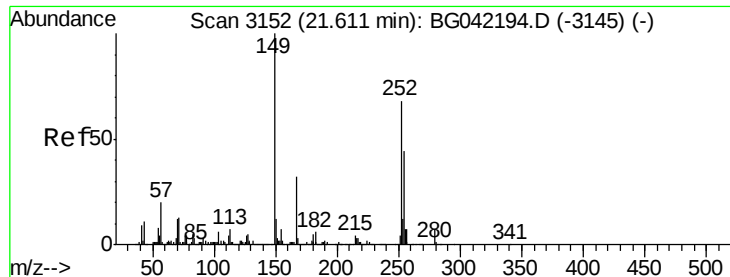


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

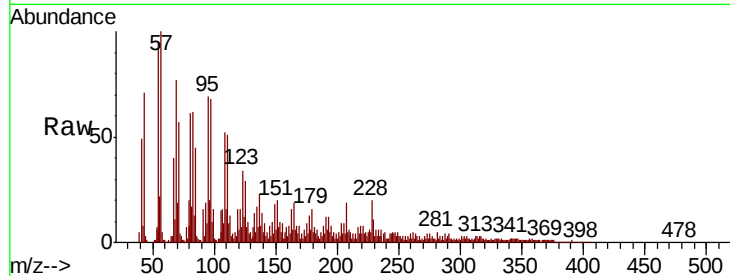




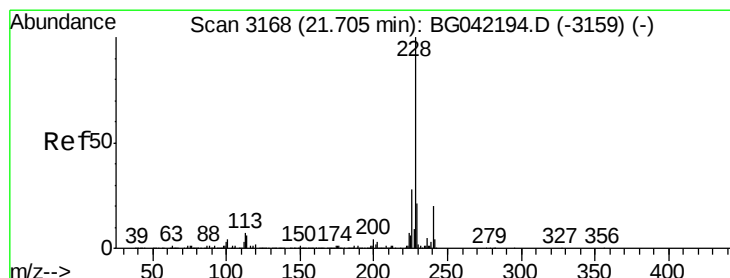
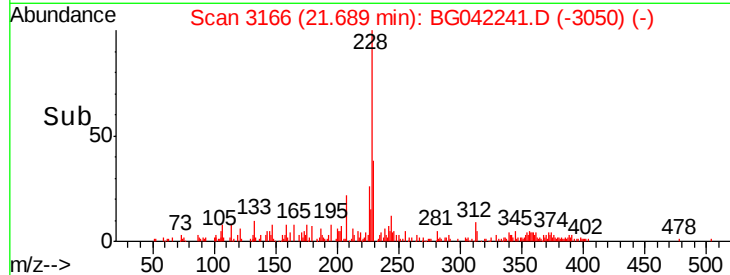
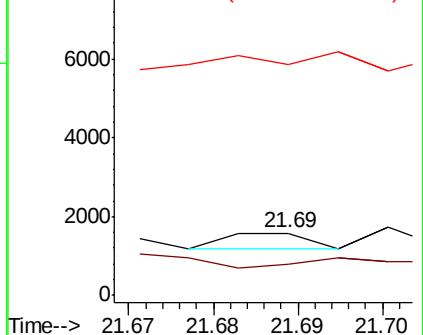
#81
 3,3'-Dichlorobenzidine
 Concen: 12.173 ng/ul
 RT: 21.69 min Scan# 3166
 Delta R.T. 0.08 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

Tot Ion:252 Resp: 280
 Ion Ratio Lower Upper
 252 100
 254 50.0 53.1 79.7#
 126 373.2 6.9 10.3#

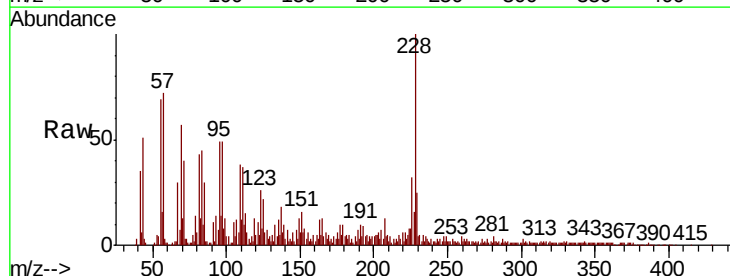


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

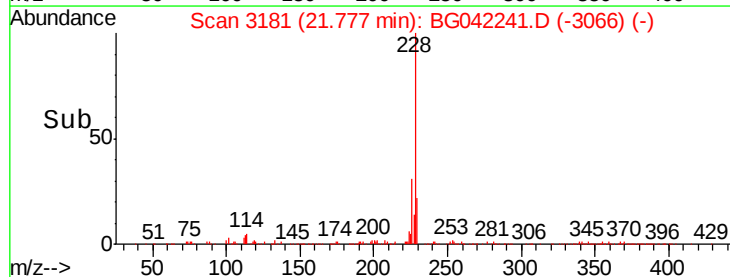
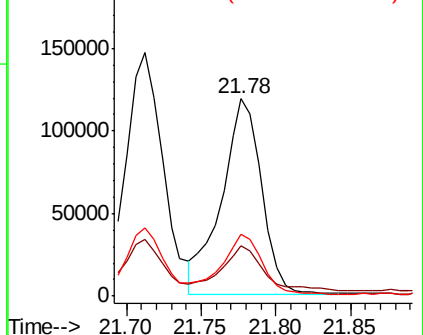


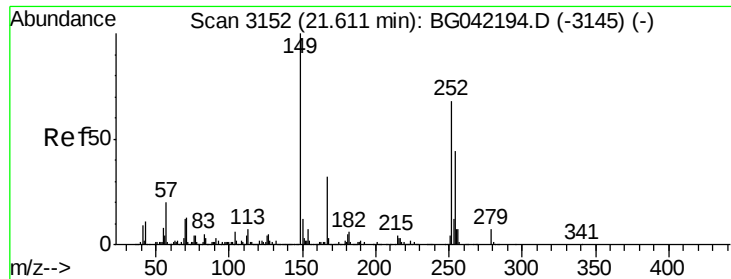
#82
 Benzo(a)anthracene
 Concen: 3158.897 ng/ul
 RT: 21.78 min Scan# 3181
 Delta R.T. 0.07 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Tgt Ion:228 Resp: 221650
 Ion Ratio Lower Upper
 228 100
 229 25.3 17.0 25.6
 226 31.6 23.3 34.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

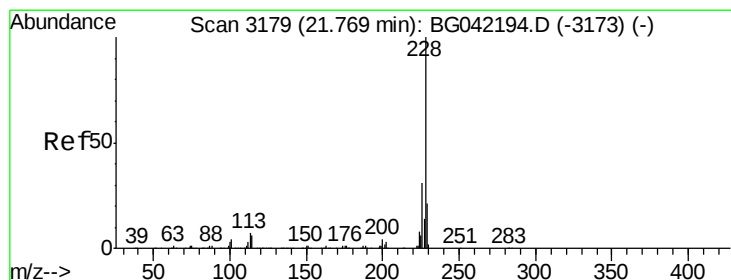
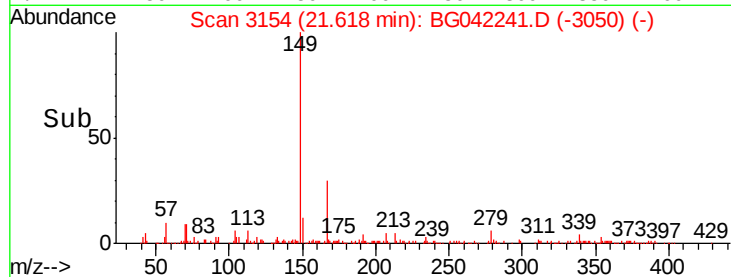
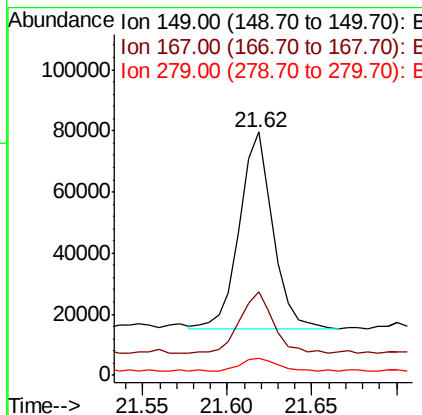
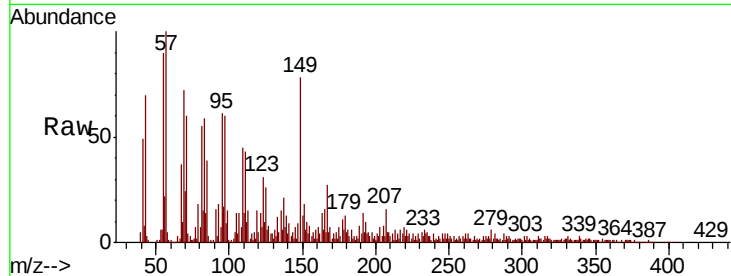




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2457.898 ng/ul
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.01 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

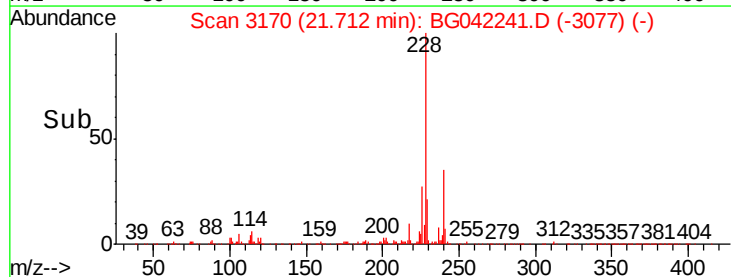
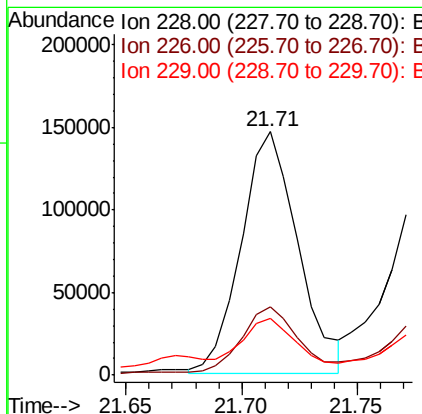
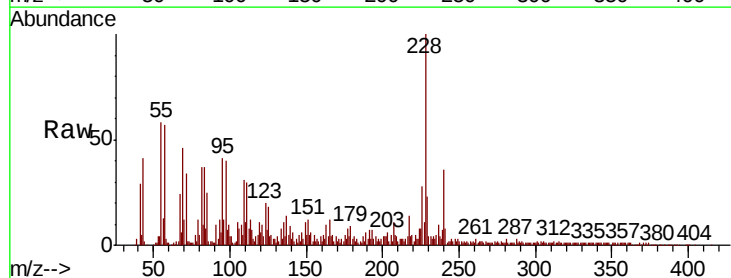
Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

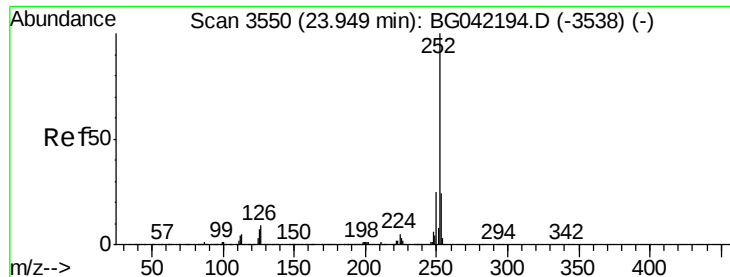
Tot Ion	Ratio	Lower	Upper
149	100		
167	34.6	25.0	37.4
279	7.2	5.2	7.8



#84
 Chrysene
 Concen: 3817.447 ng/ul
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.06 min
 Lab File: BG042241.D
 Acq: 15 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	25.7	38.5
229	23.3	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 9.828 ng/ul

RT: 23.99 min Scan# 3557

Delta R.T. 0.04 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

ClientSampled :

C0AG1

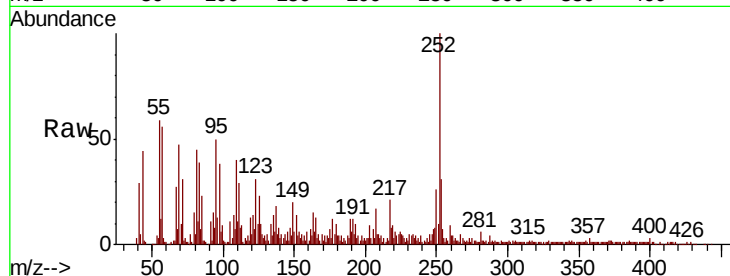
Tot Ion:252 Resp: 286457

Ion Ratio Lower Upper

252 100

253 31.0 18.4 27.6#

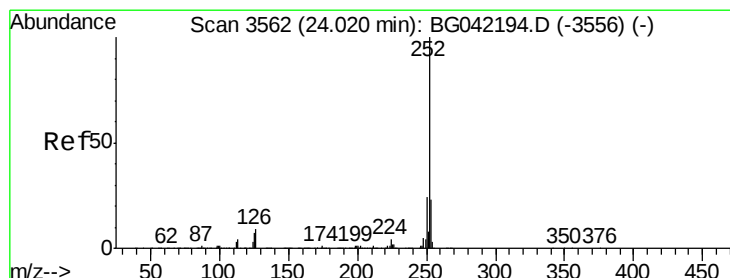
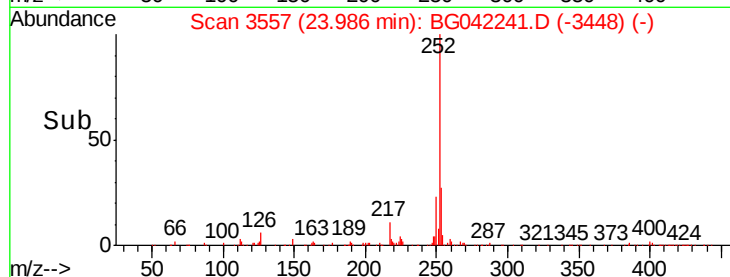
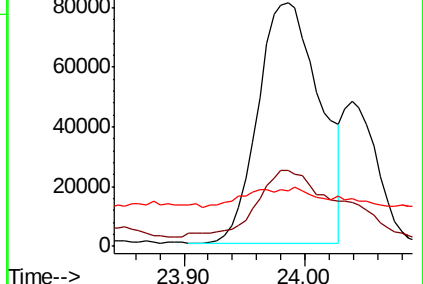
125 22.6 5.8 8.8#



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



#88

Benzo(k)fluoranthene

Concen: 3.261 ng/ul

RT: 24.04 min Scan# 3566

Delta R.T. 0.03 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

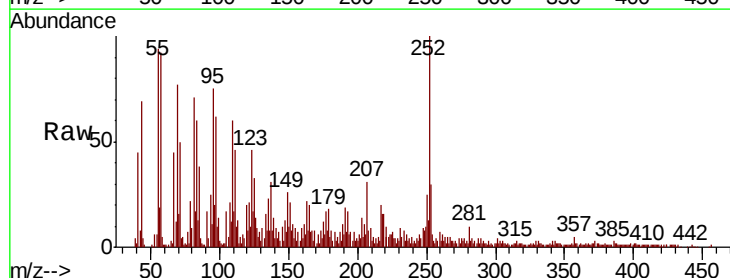
Tgt Ion:252 Resp: 91375

Ion Ratio Lower Upper

252 100

253 30.2 18.3 27.5#

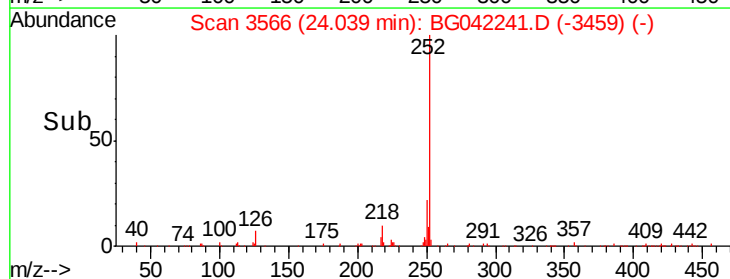
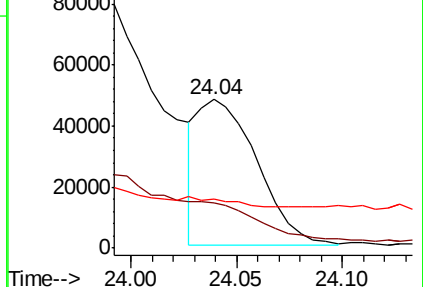
125 32.7 5.5 8.3#

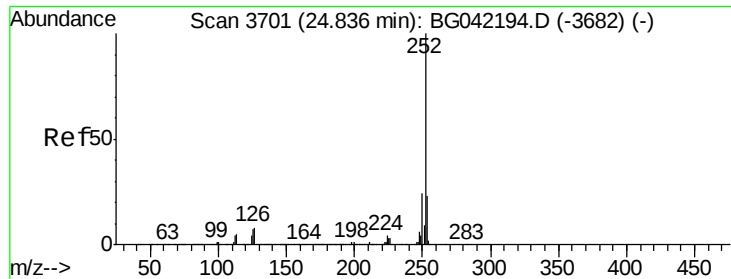


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

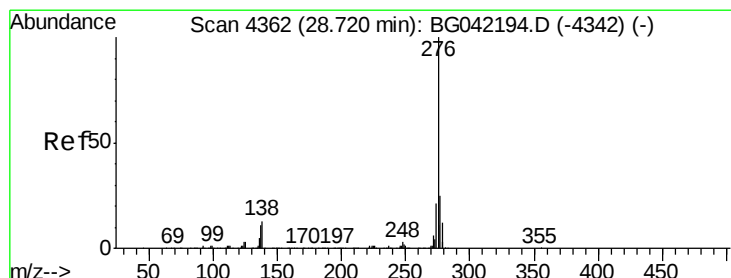
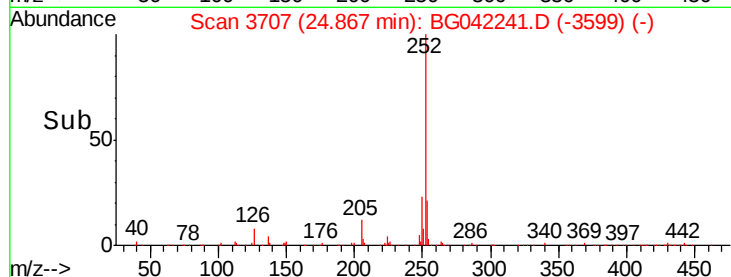
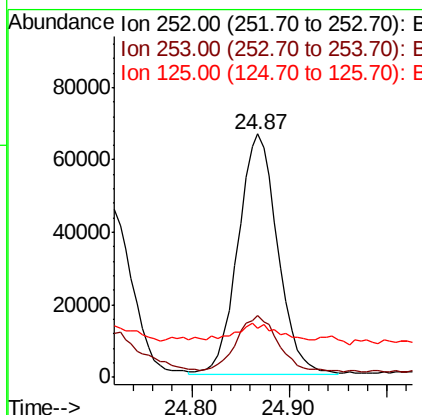
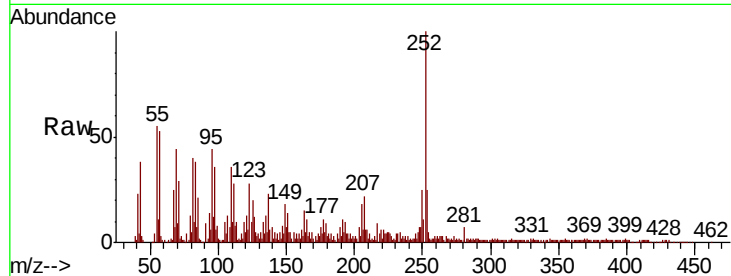




#90
Benzo(a)pyrene
Concen: 6.754 ng/ul
RT: 24.87 min Scan# 3707
Delta R.T. 0.03 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

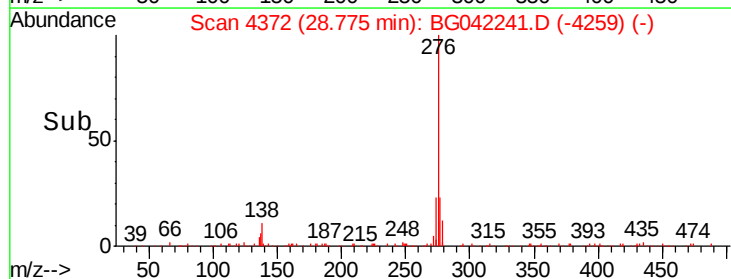
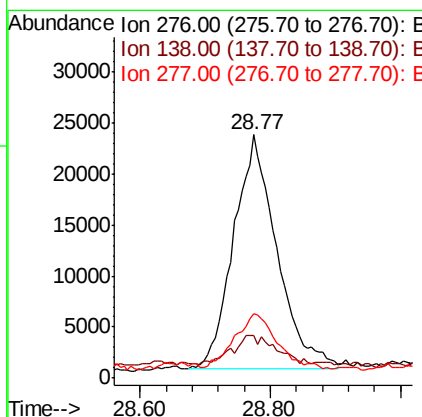
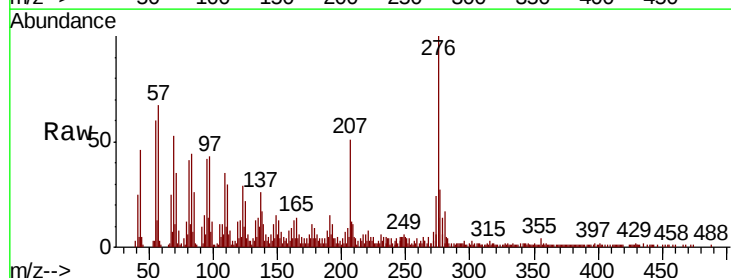
Instrument :
BNA_G
ClientSampled :
C0AG1

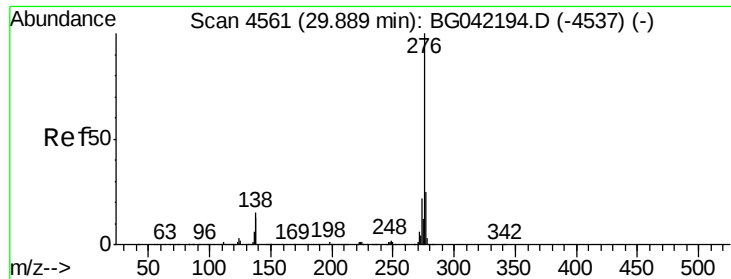
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.3	27.5
125	20.4	6.5	9.7#



#91
Indeno(1,2,3-cd)pyrene
Concen: 3.277 ng/ul
RT: 28.77 min Scan# 4372
Delta R.T. 0.06 min
Lab File: BG042241.D
Acq: 15 Aug 2019 22:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	12.0	18.0
277	26.7	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 3.185 ng/ul

RT: 29.94 min Scan# 4571

Delta R.T. 0.07 min

Lab File: BG042241.D

Acq: 15 Aug 2019 22:46

Instrument :

BNA_G

ClientSampleId :

C0AG1

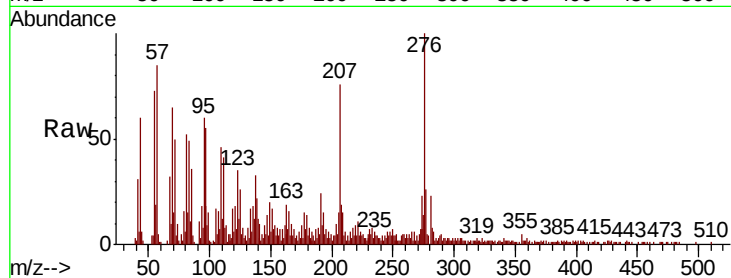
Tot Ion: 276 Resp: 86136

Ion Ratio Lower Upper

276 100

138 22.4 12.6 18.8#

277 26.2 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

