

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042211.D
 Acq On : 14 Aug 2019 15:48
 Operator : HP/JU
 Sample : K4304-15
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P6

Quant Time: Aug 14 16:49:22 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	88335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	364022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	248486	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	508019	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	495026	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	592839	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	6113	3.03	ng/uL	0.00
5) Phenol-d5	7.18	99	140120	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	70143	18.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	128276	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	116688	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	64226	23.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	76863	24.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	141501	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	161866	22.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	432919	22.46	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	504561	22.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	54929	16.97	ng/ul	0.00
57) Fluorene-d10	15.68	176	378971	22.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	50708	15.56	ng/ul	0.00
70) Anthracene-d10	17.54	188	551574	22.63	ng/ul	0.00
78) Pyrene-d10	19.83	212	652230	23.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	742821	23.99	ng/ul	0.00

Target Compounds

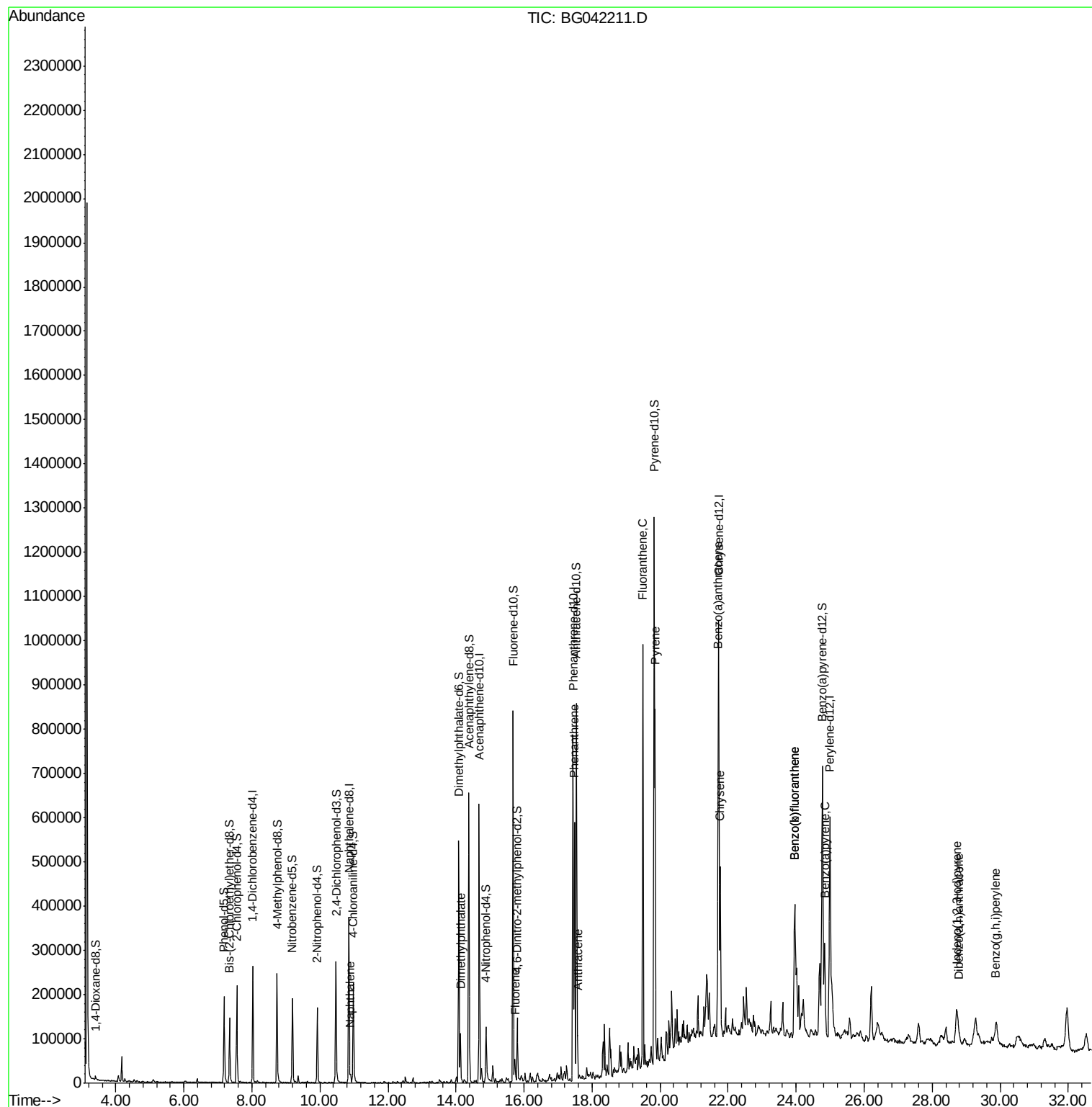
					Ovalue	
28) Naphthalene	10.90	128	20726	1.114	ng/ul	95
44) Dimethylphthalate	14.13	163	81947	4.283	ng/ul	97
58) Fluorene	15.73	166	23091	1.236	ng/ul	96
69) Phenanthrene	17.48	178	400872	14.414	ng/ul	99
71) Anthracene	17.57	178	65668	2.328	ng/ul	99
76) Fluoranthene	19.49	202	656279	20.423	ng/ul	97
79) Pyrene	19.85	202	516419	15.509	ng/ul	99
82) Benzo(a)anthracene	21.70	228	312220	9.097	ng/ul	99
84) Chrysene	21.77	228	301478	9.411	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	427745	11.497	ng/ul	98
88) Benzo(k)fluoranthene	23.95	252	427745	11.958	ng/ul	98
90) Benzo(a)pyrene	24.84	252	252457	7.121	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	163953	3.965	ng/ul	99
92) Dibenzo(a,h)anthracene	28.77	278	45043	1.335	ng/ul	98
93) Benzo(g,h,i)perylene	29.88	276	127082	3.681	ng/ul#	95

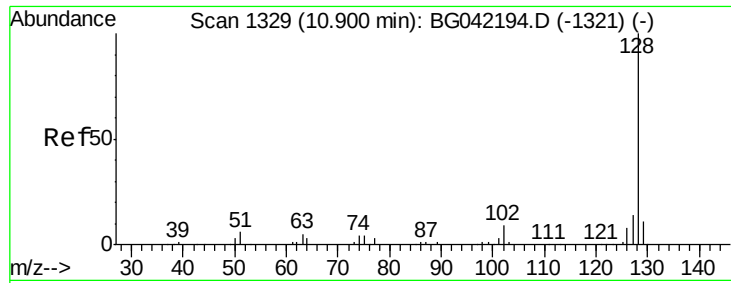
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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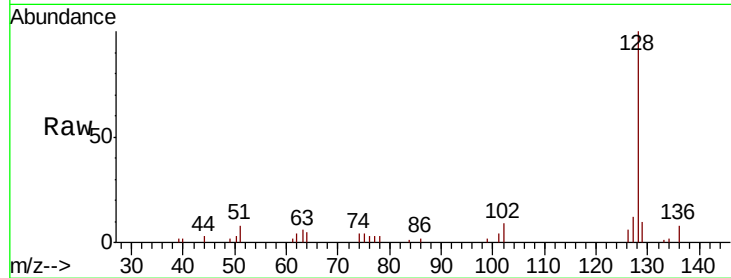




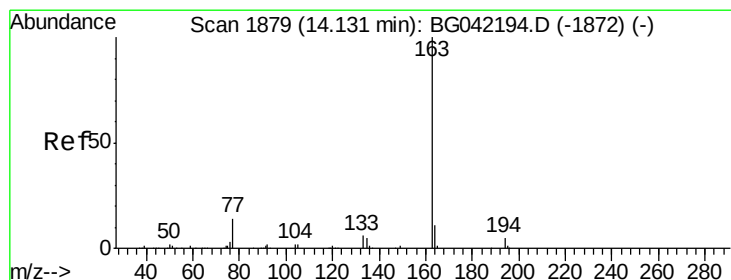
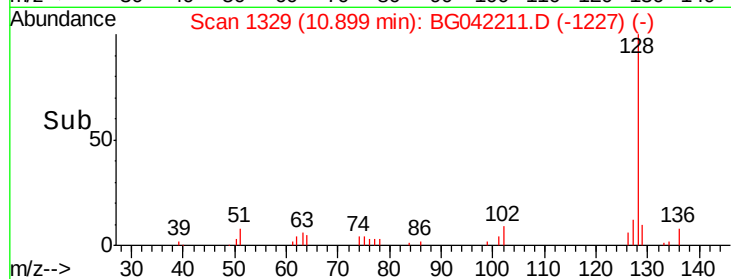
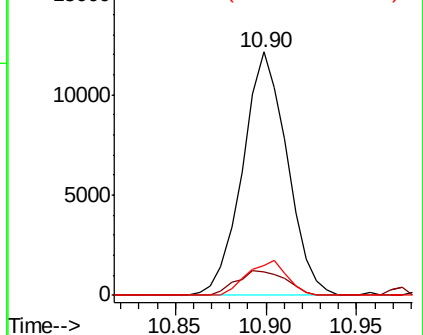
#28
Naphthalene
Concen: 1.114 ng/ul
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG042211.D
Acq: 14 Aug 2019 15:48

Instrument :
BNA_G
ClientSampleId :
CB5P6

Tot Ion:128 Resp: 20726
Ion Ratio Lower Upper
128 100
129 9.7 9.5 14.3
127 12.2 11.4 17.0

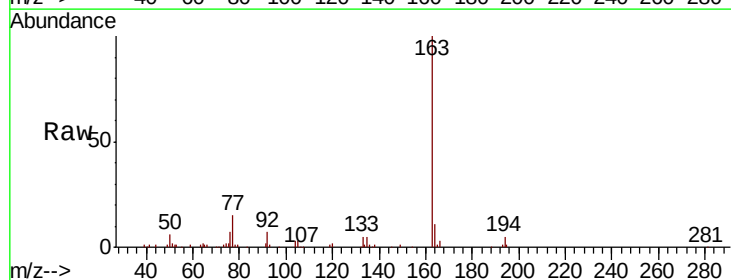


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

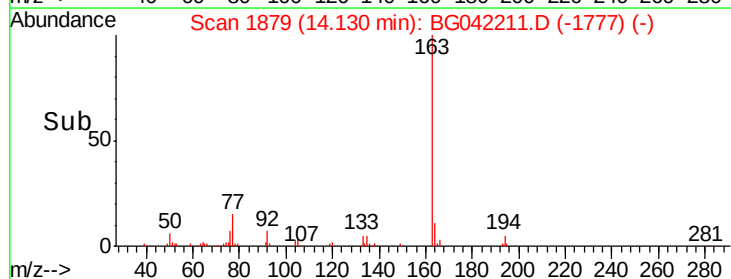
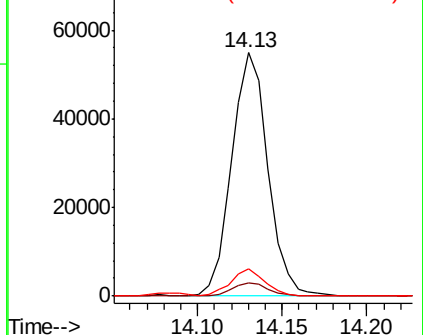


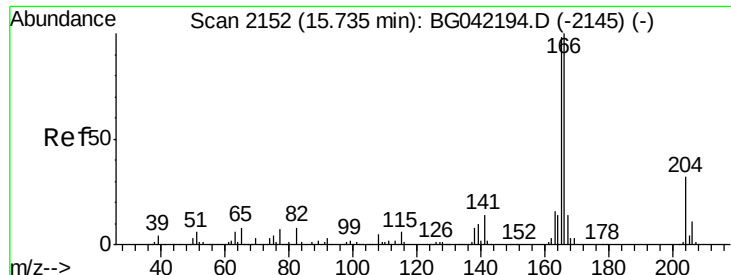
#44
Dimethylphthalate
Concen: 4.283 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042211.D
Acq: 14 Aug 2019 15:48

Tgt Ion:163 Resp: 81947
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 11.4 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





#58

Fluorene

Concen: 1.236 ng/ul

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Instrument :

BNA_G

ClientSampleId :

CB5P6

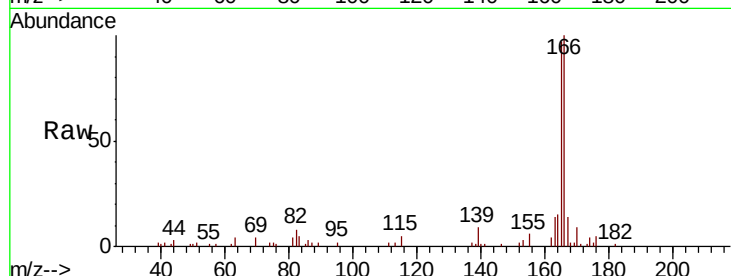
Tot Ion:166 Resp: 23091

Ion Ratio Lower Upper

166 100

165 96.8 81.1 121.7

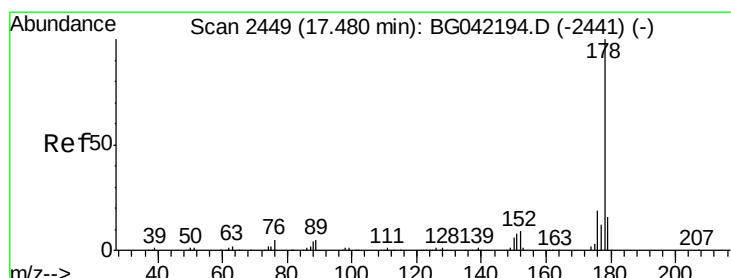
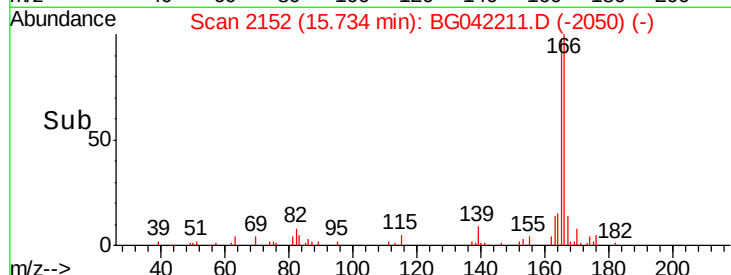
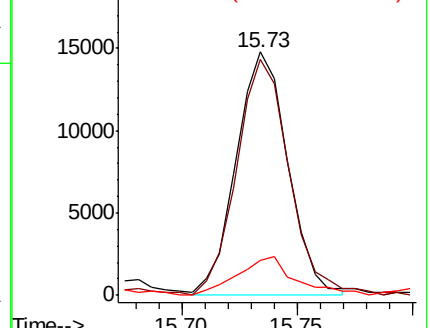
167 14.3 11.0 16.4



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



#69

Phenanthrene

Concen: 14.414 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

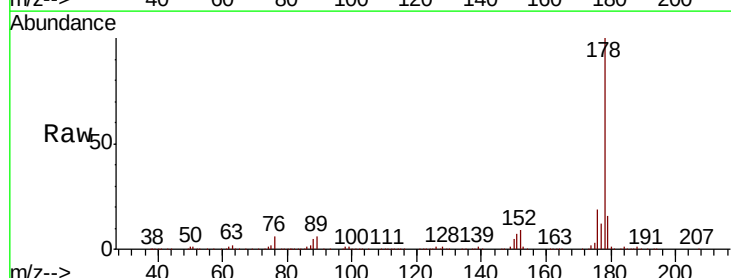
Tgt Ion:178 Resp: 400872

Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

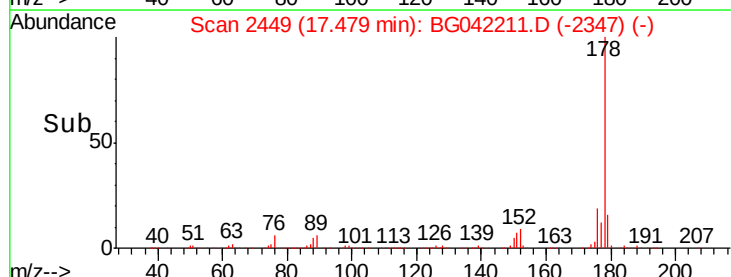
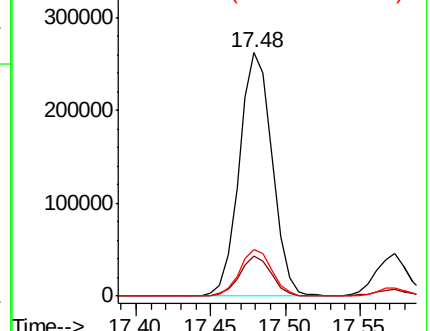
176 19.1 15.4 23.2

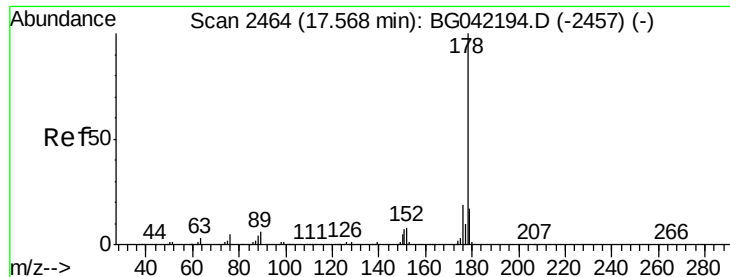


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

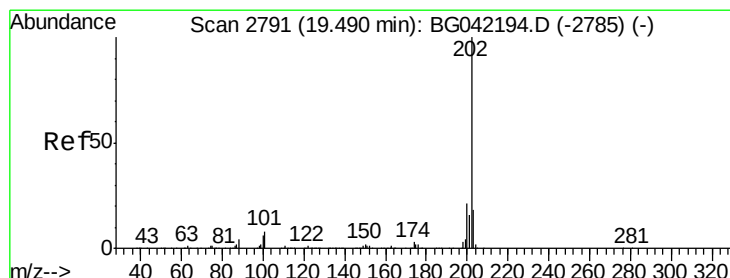
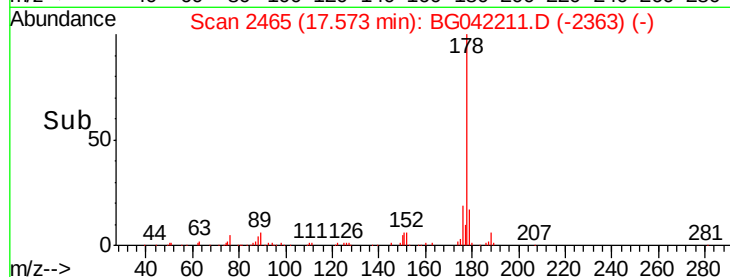
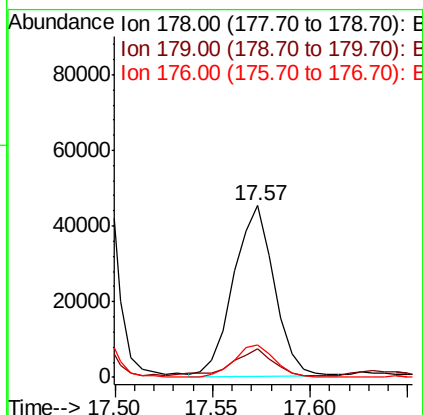
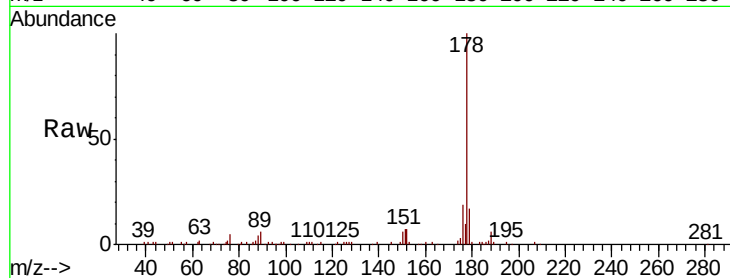




#71
 Anthracene
 Concen: 2.328 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG042211.D
 Acq: 14 Aug 2019 15:48

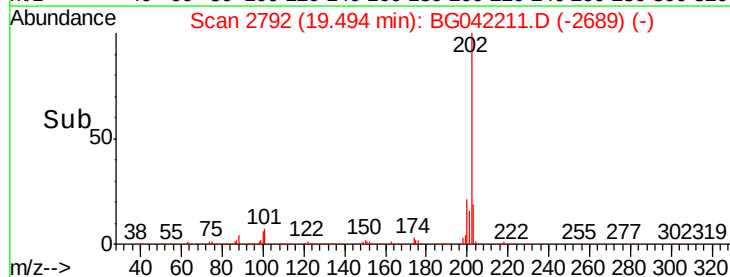
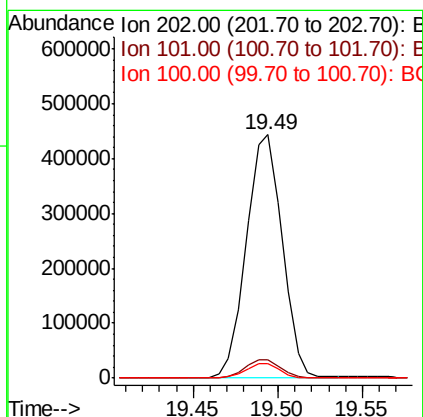
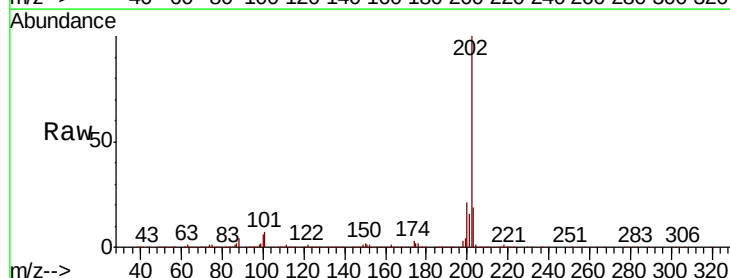
Instrument :
 BNA_G
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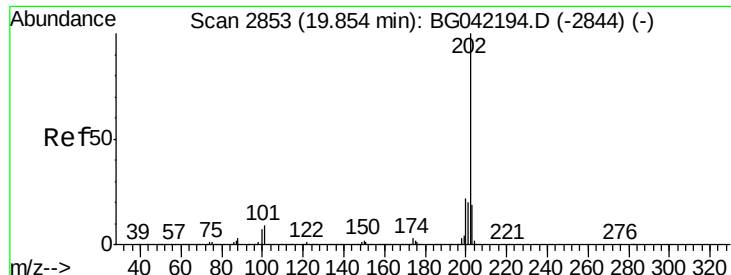
Tot Ion:178 Resp: 65668
 Ion Ratio Lower Upper
 178 100
 179 16.9 13.4 20.0
 176 18.7 15.4 23.2



#76
 Fluoranthene
 Concen: 20.423 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BG042211.D
 Acq: 14 Aug 2019 15:48

Tgt Ion:202 Resp: 656279
 Ion Ratio Lower Upper
 202 100
 101 7.4 6.7 10.1
 100 5.8 5.3 7.9





#79

Pvrene

Concen: 15.509 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Instrument :

BNA_G

ClientSampleId :

CB5P6

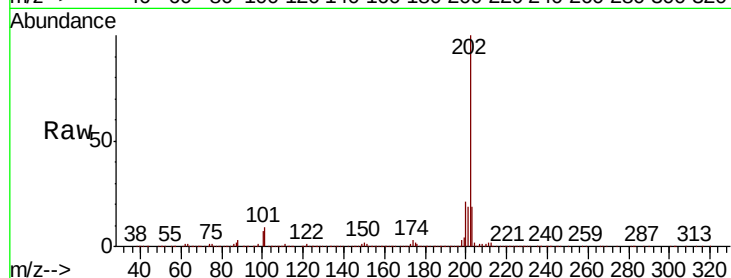
Tot Ion:202 Resp: 516419

Ion Ratio Lower Upper

202 100

101 9.1 7.6 11.4

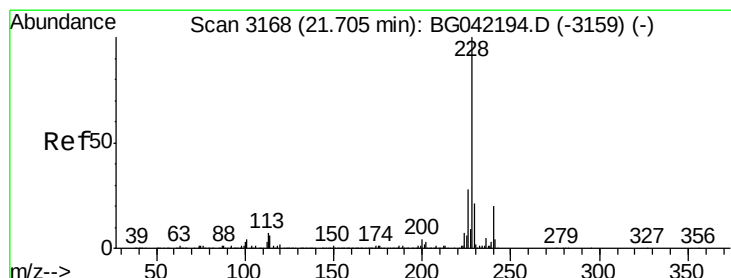
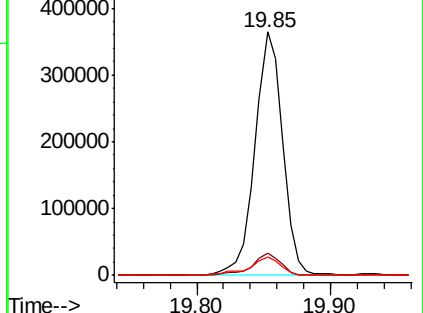
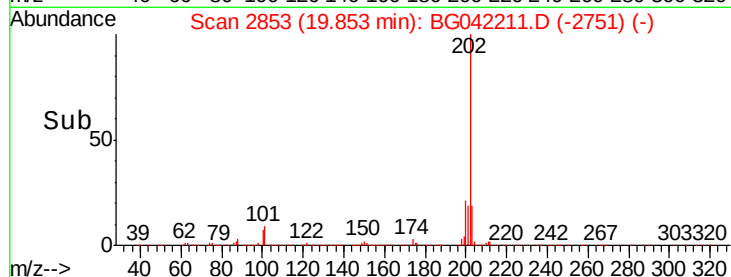
100 7.4 6.5 9.7



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



#82

Benzo(a)anthracene

Concen: 9.097 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

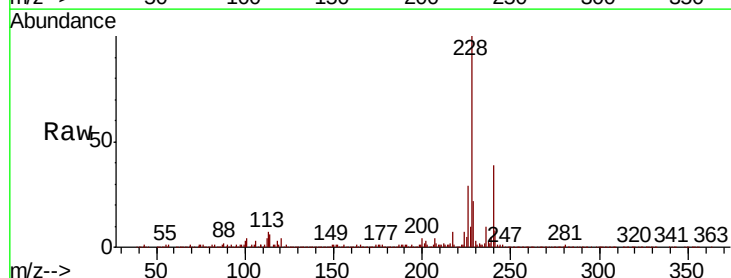
Tgt Ion:228 Resp: 312220

Ion Ratio Lower Upper

228 100

229 21.6 17.0 25.6

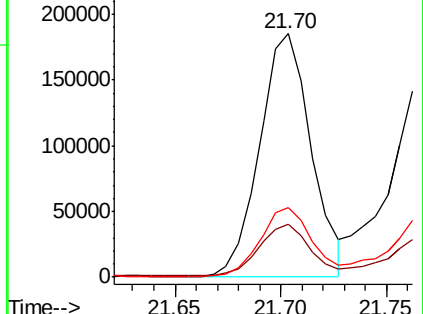
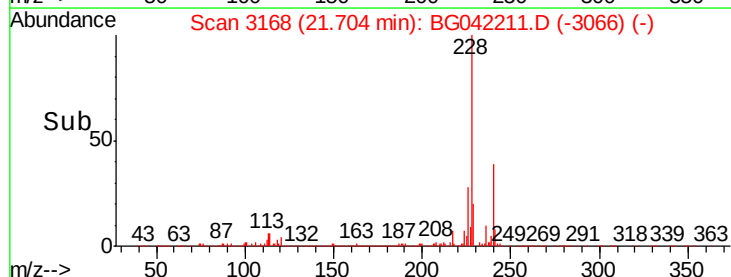
226 28.7 23.3 34.9

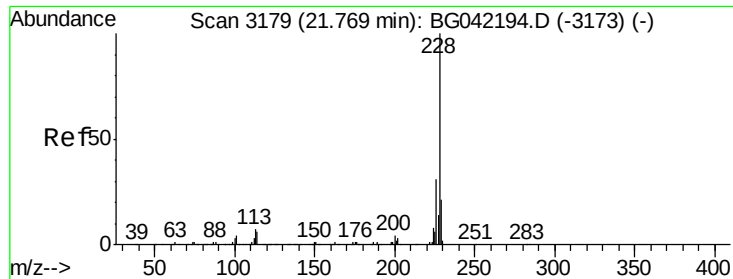


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 9.411 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

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ClientSampleId :

CB5P6

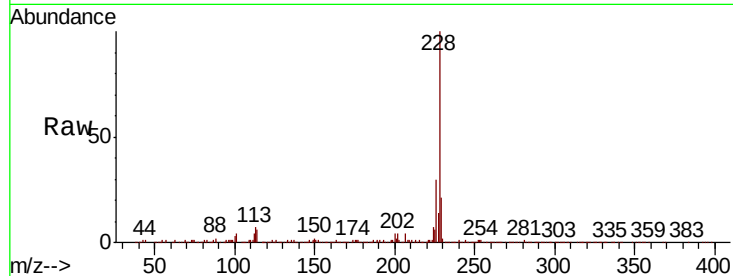
Tot Ion:228 Resp: 301478

Ion Ratio Lower Upper

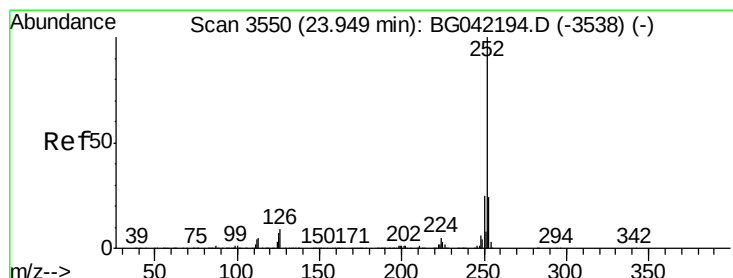
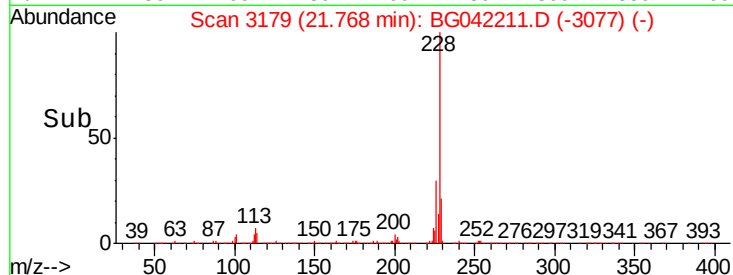
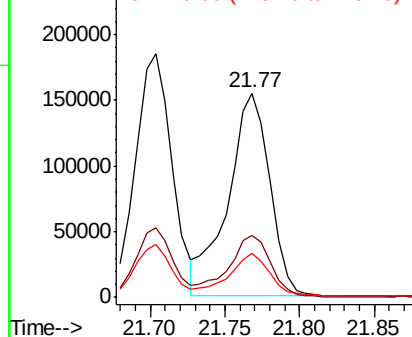
228 100

226 30.4 25.7 38.5

229 21.3 16.6 24.8



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



#87

Benzo(b)fluoranthene

Concen: 11.497 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.01 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

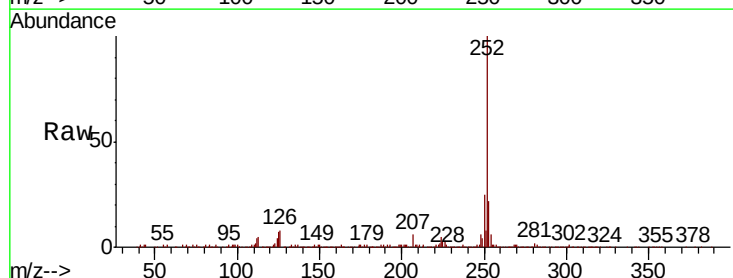
Tgt Ion:252 Resp: 427745

Ion Ratio Lower Upper

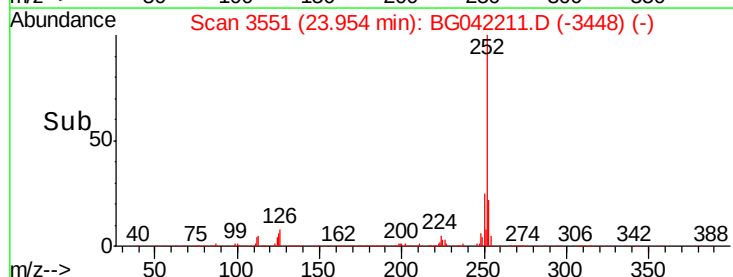
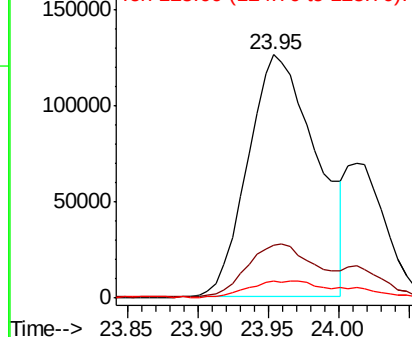
252 100

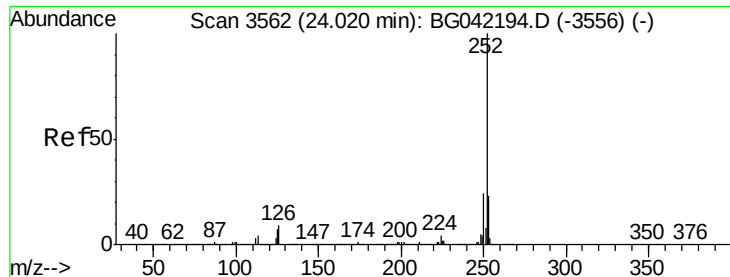
253 22.0 18.4 27.6

125 6.8 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: 11.958 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. -0.06 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

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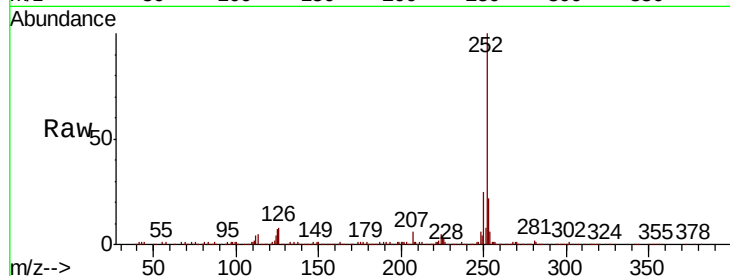
Tot Ion:252 Resp: 427745

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

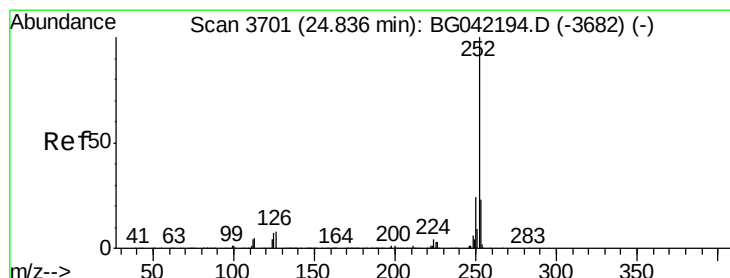
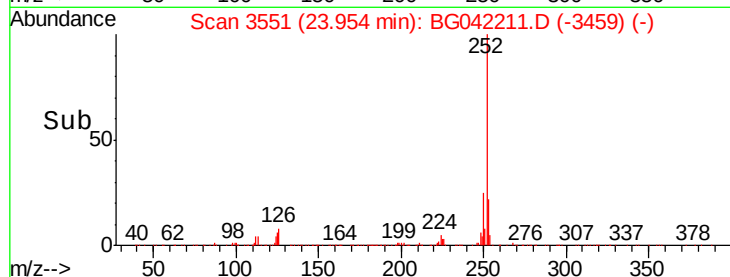
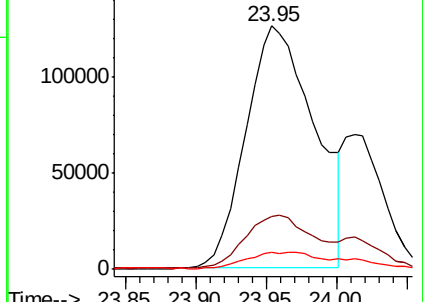
125 6.8 5.5 8.3



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: 7.121 ng/ul

RT: 24.84 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

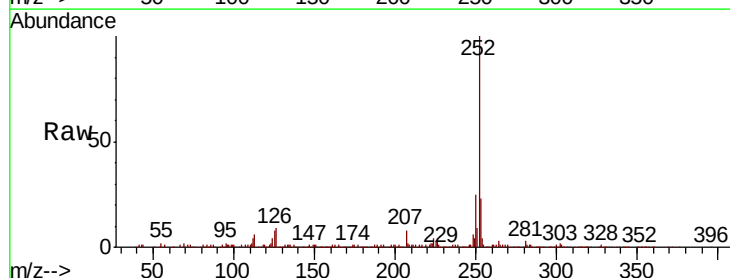
Tgt Ion:252 Resp: 252457

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

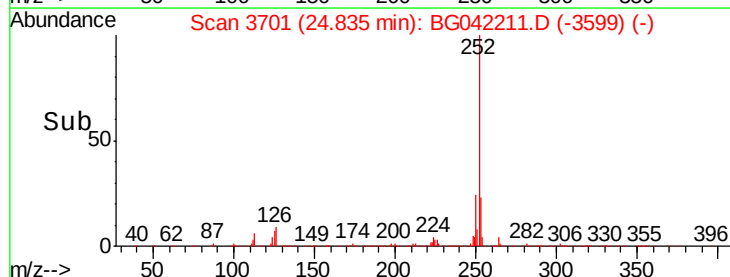
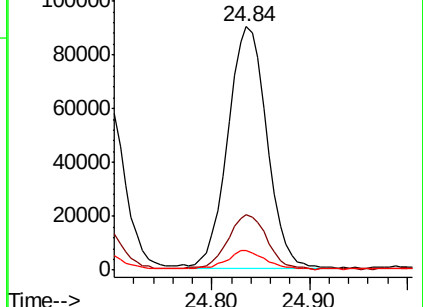
125 7.9 6.5 9.7

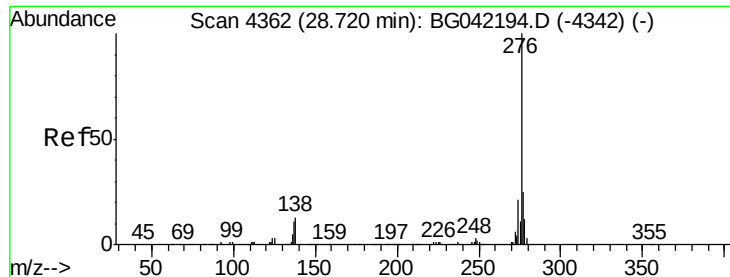


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



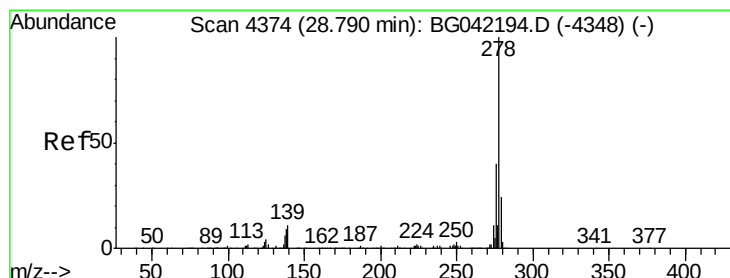
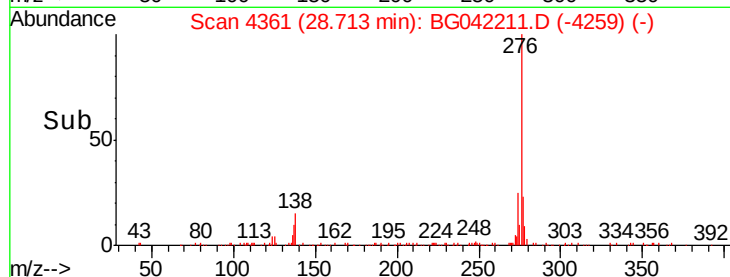
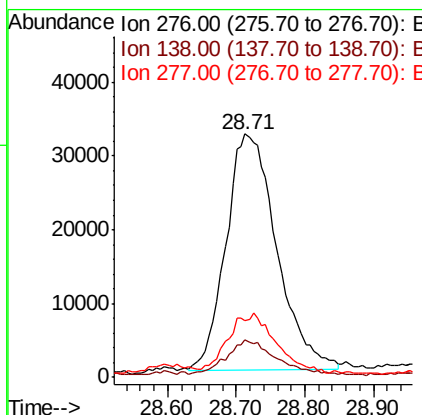
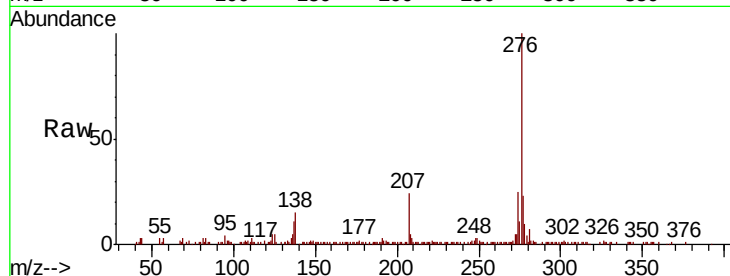


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.965 ng/ul
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042211.D
Acq: 14 Aug 2019 15:48

Instrument :
BNA_G
ClientSampleId :
CB5P6

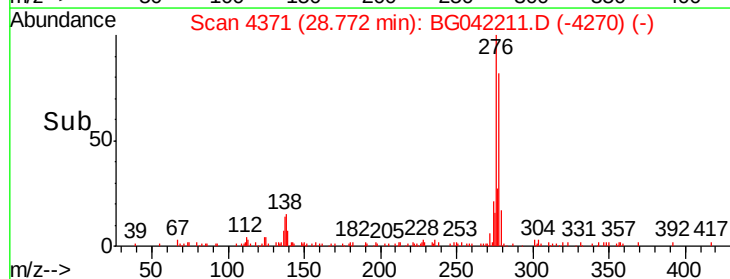
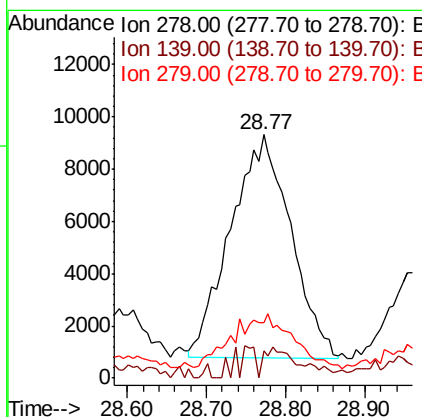
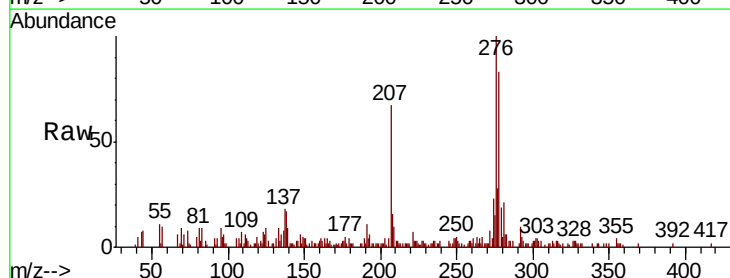
Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.0	18.0
277	23.3	19.2	28.8

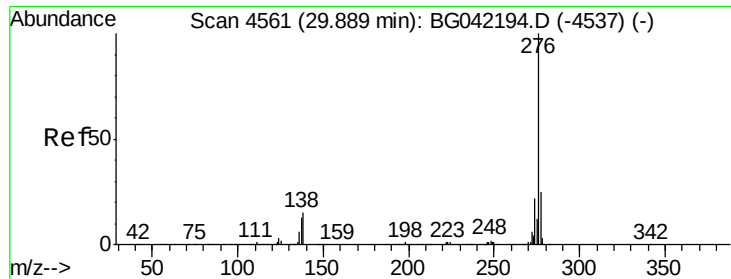


#92

Dibenzo(a,h)anthracene
Concen: 1.335 ng/ul
RT: 28.77 min Scan# 4371
Delta R.T. -0.01 min
Lab File: BG042211.D
Acq: 14 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	9.4	14.0
279	23.0	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 3.681 ng/ul

RT: 29.88 min Scan# 4559

Delta R.T. -0.00 min

Lab File: BG042211.D

Acq: 14 Aug 2019 15:48

Instrument :

BNA_G

ClientSampleId :

CB5P6

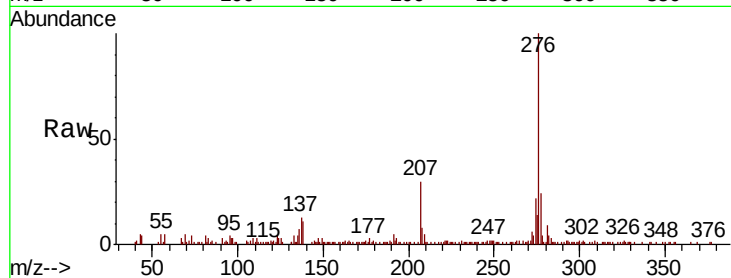
Tot Ion: 276 Resp: 127082

Ion Ratio Lower Upper

276 100

138 10.9 12.6 18.8#

277 24.1 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

