

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042094.D
 Acq On : 9 Aug 2019 9:31
 Operator : HP/JU
 Sample : K4147-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 09 16:25:58 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	80087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	327231	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	229297	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	462027	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	452873	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	543144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5781	3.16	ng/uL	0.01
5) Phenol-d5	7.18	99	133559	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	68221	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	124182	23.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	114893	21.77	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	61666	25.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	75480	26.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	139353	24.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	157183	24.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	444900	25.02	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	499261	24.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	54094	18.12	ng/ul	0.00
57) Fluorene-d10	15.68	176	381707	24.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	68184	23.00	ng/ul	0.00
70) Anthracene-d10	17.54	188	574206	25.90	ng/ul	0.00
78) Pyrene-d10	19.83	212	638650	25.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	752580	26.52	ng/ul	0.00

Target Compounds

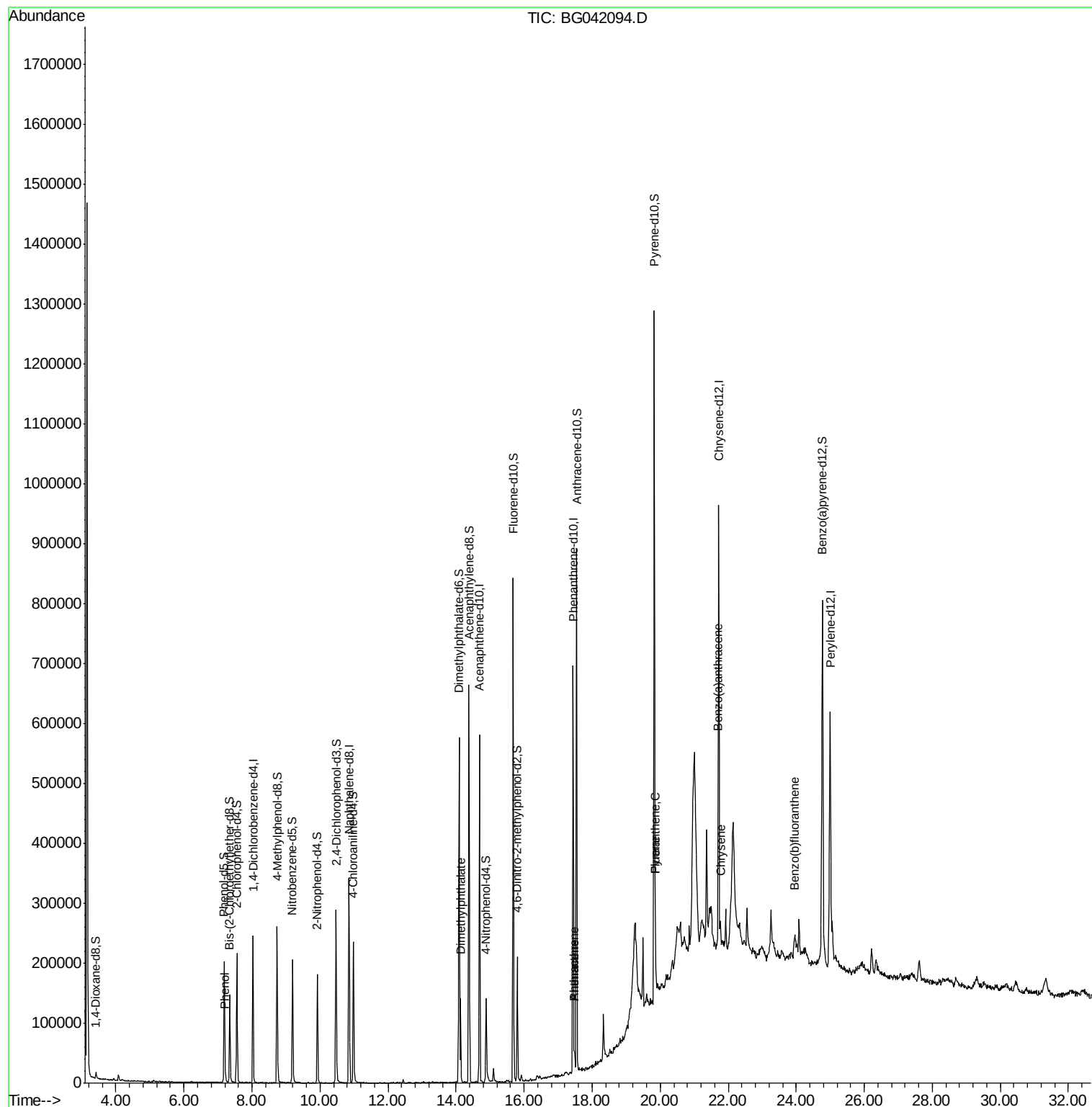
					Ovalue
6) Phenol	7.21	94	7825	1.206 ng/ul	95
44) Dimethylphthalate	14.13	163	102939	5.830 ng/ul	98
69) Phenanthrene	17.48	178	28145	1.113 ng/ul	97
71) Anthracene	17.48	178	28145	1.097 ng/ul	98
76) Fluoranthene	19.86	202	64259	2.199 ng/ul	98
79) Pyrene	19.86	202	64069	2.103 ng/ul#	95
82) Benzo(a)anthracene	21.70	228	34306	1.093 ng/ul	95
84) Chrysene	21.77	228	29505	1.007 ng/ul#	95
87) Benzo(b)fluoranthene	23.95	252	36096	1.059 ng/ul#	90

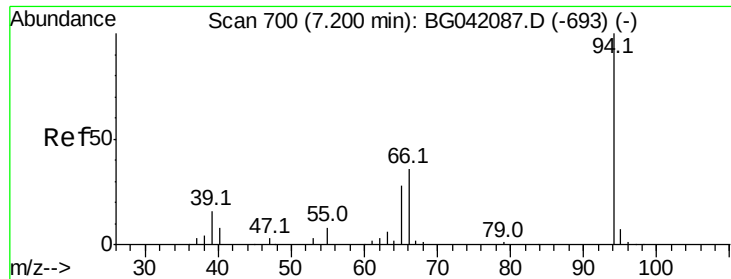
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042094.D
Acq On : 9 Aug 2019 9:31
Operator : HP/JU
Sample : K4147-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 09 16:25:58 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





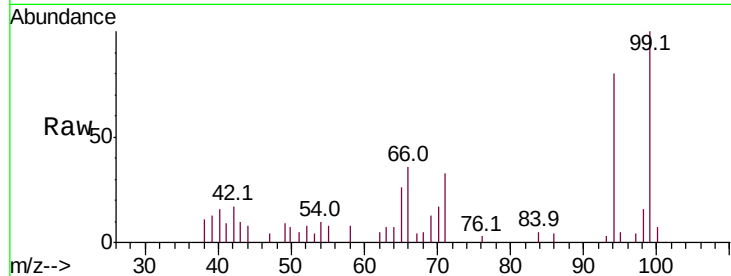
#6

Phenol

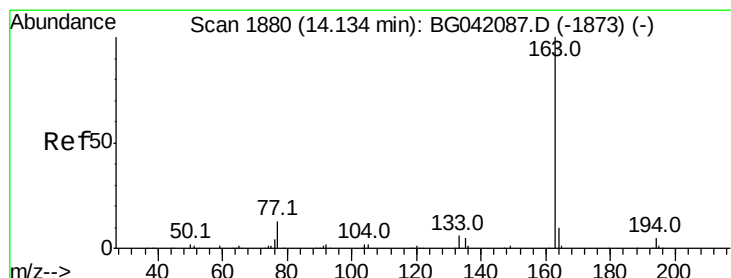
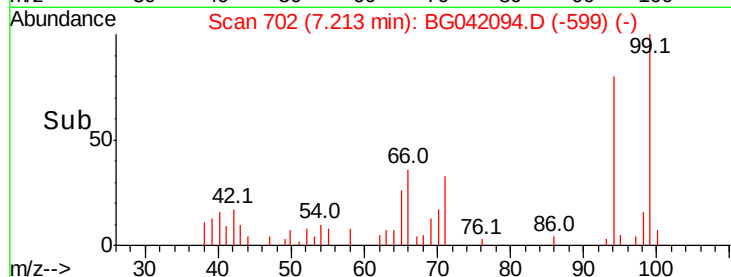
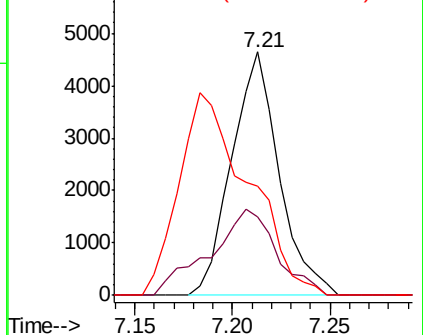
Concen: 1.206 ng/ul
 RT: 7.21 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BG042094.D
 Acq: 9 Aug 2019 9:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 94 Resp: 7825
 Ion Ratio Lower Upper
 94 100
 65 32.2 25.8 38.6
 66 45.1 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

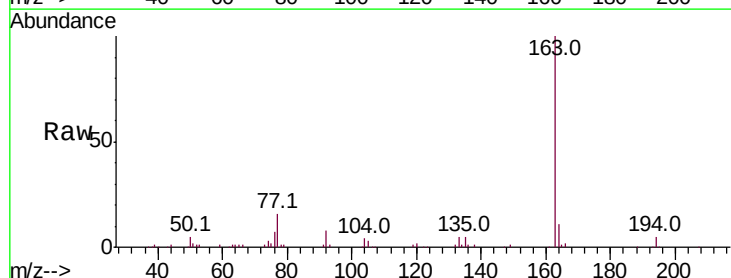


#44

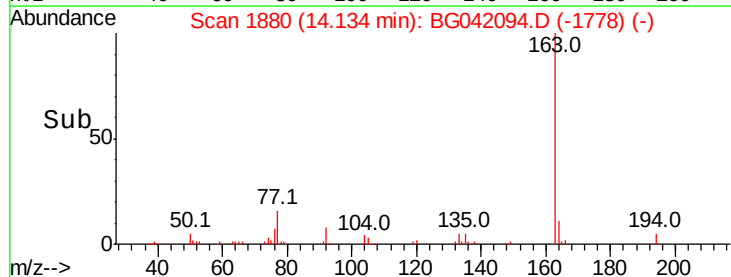
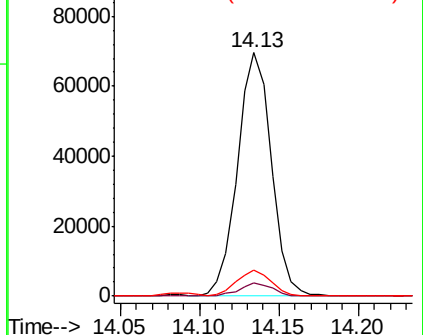
Dimethylphthalate

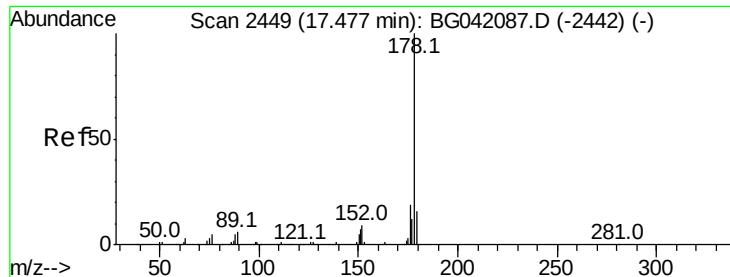
Concen: 5.830 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG042094.D
 Acq: 9 Aug 2019 9:31

Tgt Ion:163 Resp: 102939
 Ion Ratio Lower Upper
 163 100
 194 5.3 4.2 6.2
 164 10.7 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





#69

Phenanthrene

Concen: 1.113 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042094.D

Acq: 9 Aug 2019 9:31

Instrument :

BNA_G

ClientSampled :

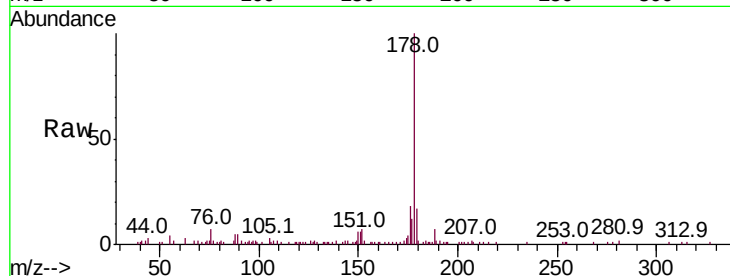
Tot Ion:178 Resp: 28145

Ion Ratio Lower Upper

178 100

179 17.0 12.8 19.2

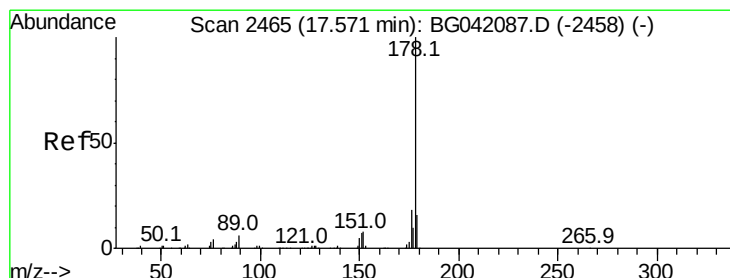
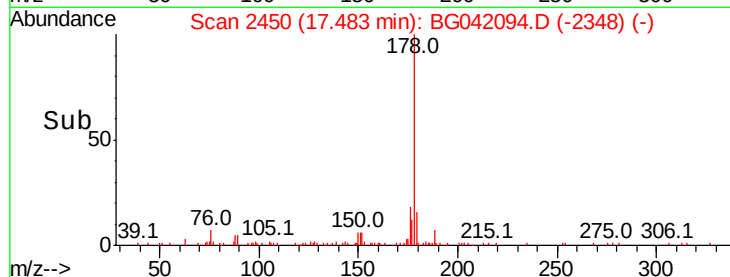
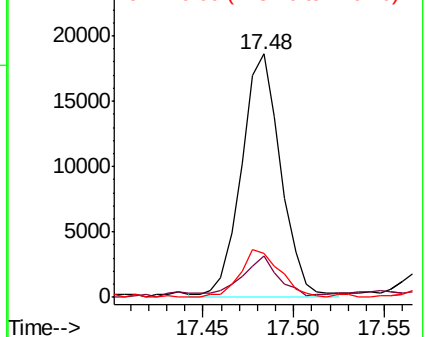
176 18.0 15.4 23.2



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: 1.097 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BG042094.D

Acq: 9 Aug 2019 9:31

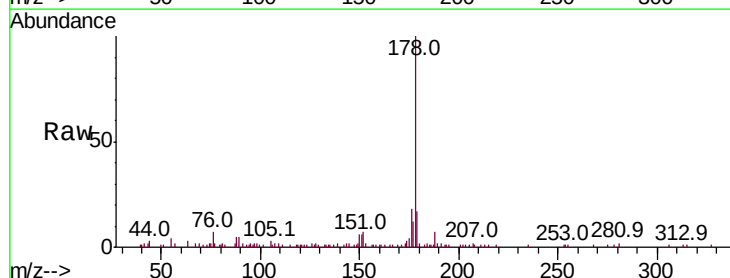
Tgt Ion:178 Resp: 28145

Ion Ratio Lower Upper

178 100

179 17.0 13.4 20.0

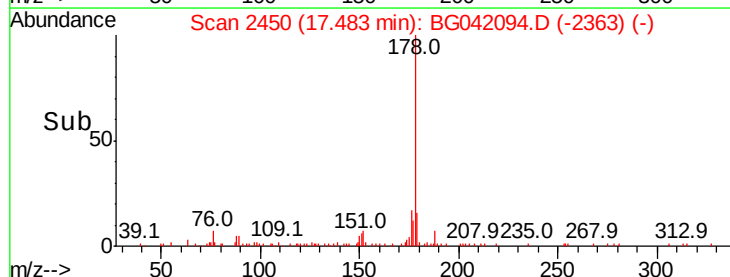
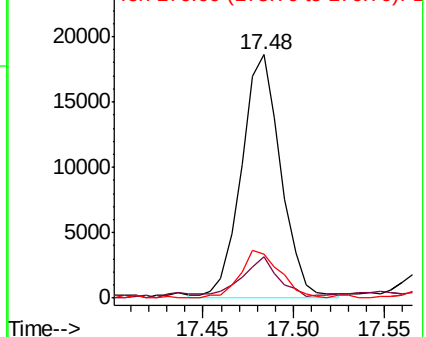
176 18.0 15.4 23.2

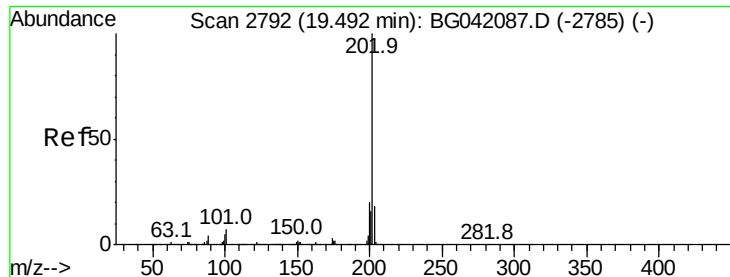


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

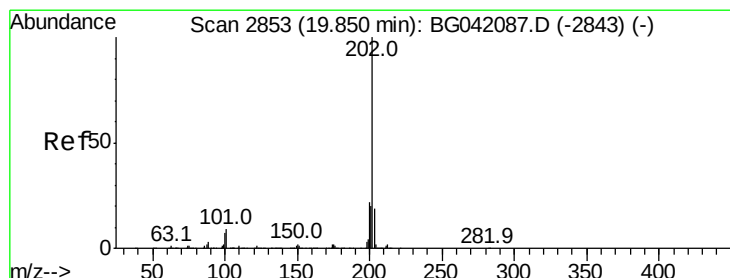
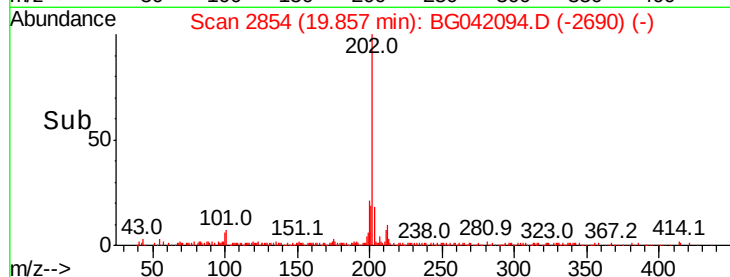
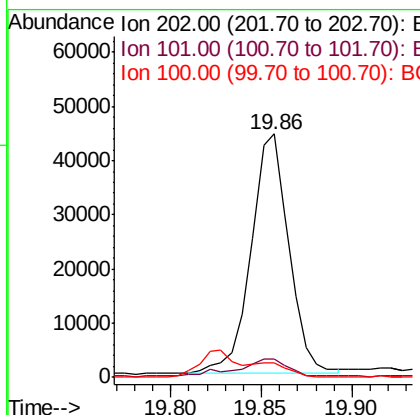
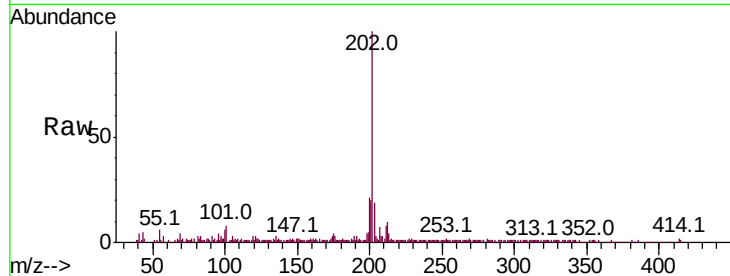




#76
Fluoranthene
Concen: 2.199 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.36 min
Lab File: BG042094.D
Acq: 9 Aug 2019 9:31

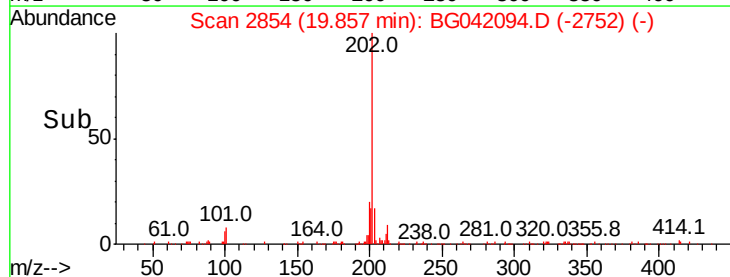
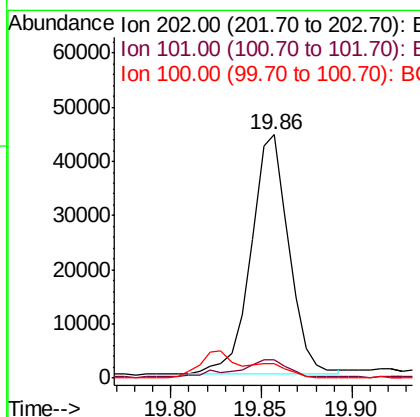
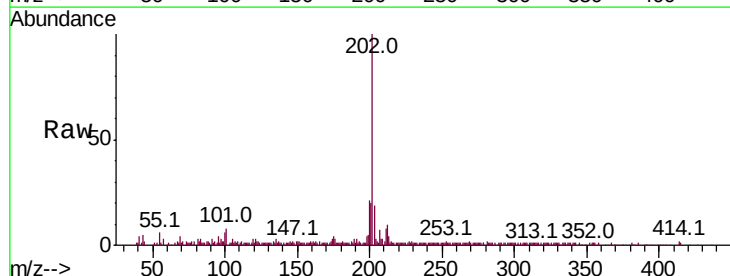
Instrument :
BNA_G
ClientSampleId :

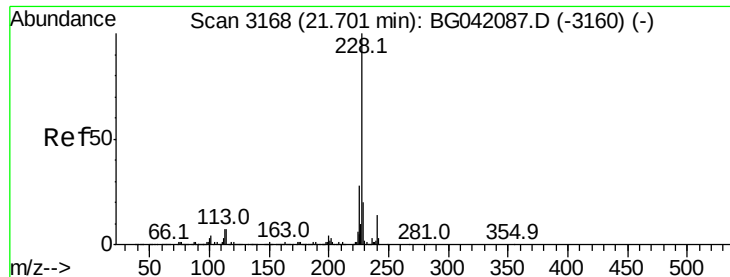
Tot Ion:202 Resp: 64259
Ion Ratio Lower Upper
202 100
101 7.8 6.7 10.1
100 6.1 5.3 7.9



#79
Pyrene
Concen: 2.103 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG042094.D
Acq: 9 Aug 2019 9:31

Tgt Ion:202 Resp: 64069
Ion Ratio Lower Upper
202 100
101 7.8 7.6 11.4
100 6.1 6.5 9.7#





#82

Benzo(a)anthracene

Concen: 1.093 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042094.D

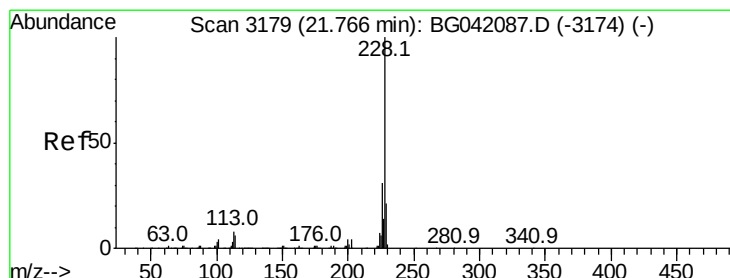
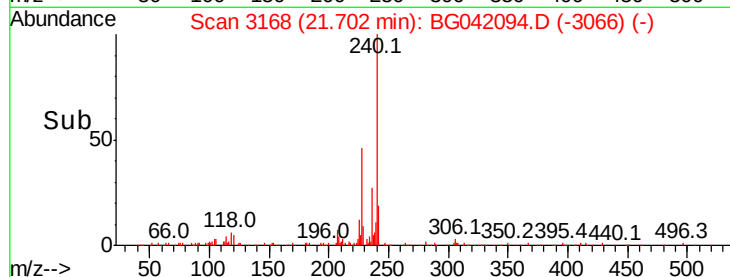
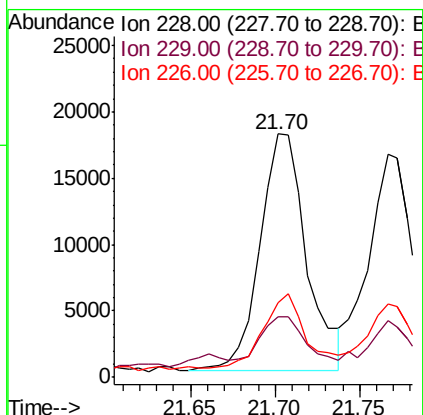
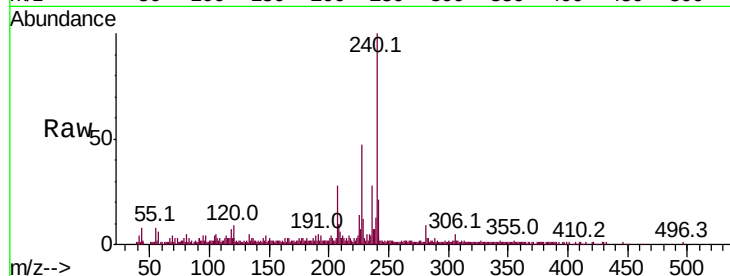
Acq: 9 Aug 2019 9:31

Instrument :

BNA_G

ClientSampled :

Tot Ion:228	Resp:	34306
Ion	Ratio	Lower Upper
228	100	
229	25.1	17.0 25.6
226	30.9	23.3 34.9



#84

Chrysene

Concen: 1.007 ng/ul

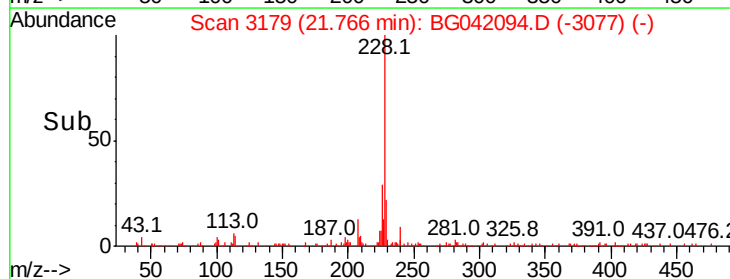
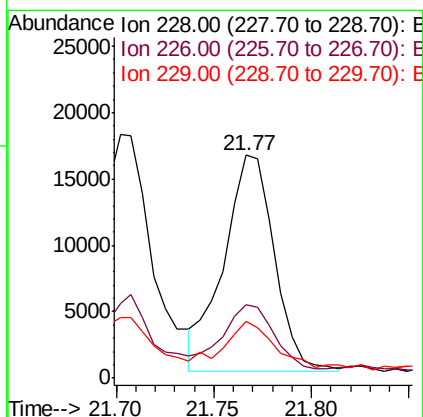
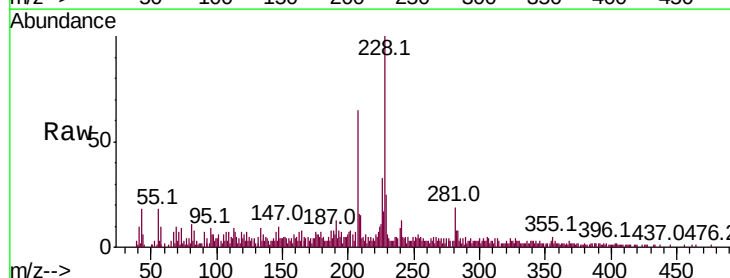
RT: 21.77 min Scan# 3179

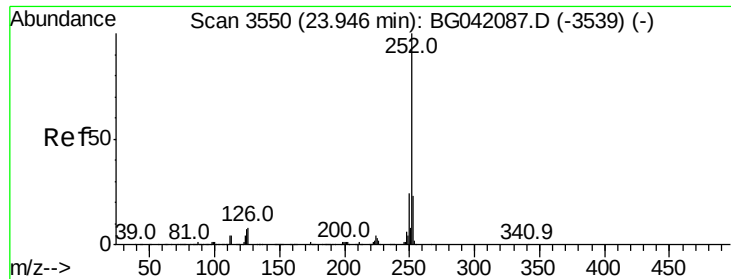
Delta R.T. 0.00 min

Lab File: BG042094.D

Acq: 9 Aug 2019 9:31

Tgt Ion:228	Resp:	29505
Ion	Ratio	Lower Upper
228	100	
226	32.8	25.7 38.5
229	25.4	16.6 24.8





#87

Benzo(b)fluoranthene

Concen: 1.059 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.01 min

Lab File: BG042094.D

Acq: 9 Aug 2019 9:31

Instrument :

BNA_G

ClientSampleId :

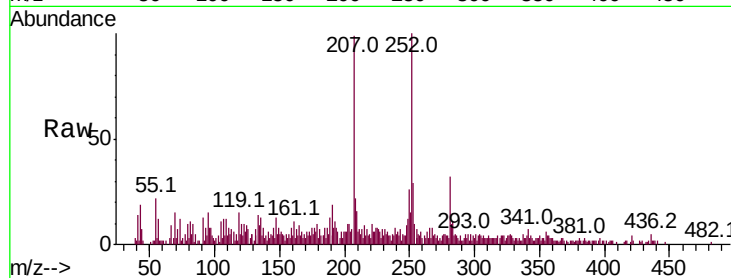
Tot Ion:252 Resp: 36096

Ion Ratio Lower Upper

252 100

253 28.5 18.4 27.6#

125 8.9 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

