

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042213.D
 Acq On : 14 Aug 2019 17:05
 Operator : HP/JU
 Sample : K4215-07
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB8

Quant Time: Aug 15 10:19:56 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	96173	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	392728	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	260713	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	523629	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	534647	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	632726	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	6869	3.12	ng/uL	0.00
5) Phenol-d5	7.18	99	170932	22.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	85357	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	157743	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	136110	21.48	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	328	0.11	ng/ul	0.08
22) 2-Nitrophenol-d4	9.92	143	94646	27.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	174170	25.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	194258	25.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	522644	25.85	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	608225	26.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	42787	12.60	ng/ul	0.00
57) Fluorene-d10	15.68	176	473726	26.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	35664	10.62	ng/ul	0.00
70) Anthracene-d10	17.54	188	713570	28.40	ng/ul	0.00
78) Pyrene-d10	19.83	212	816813	27.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	950547	28.76	ng/ul	0.01

Target Compounds

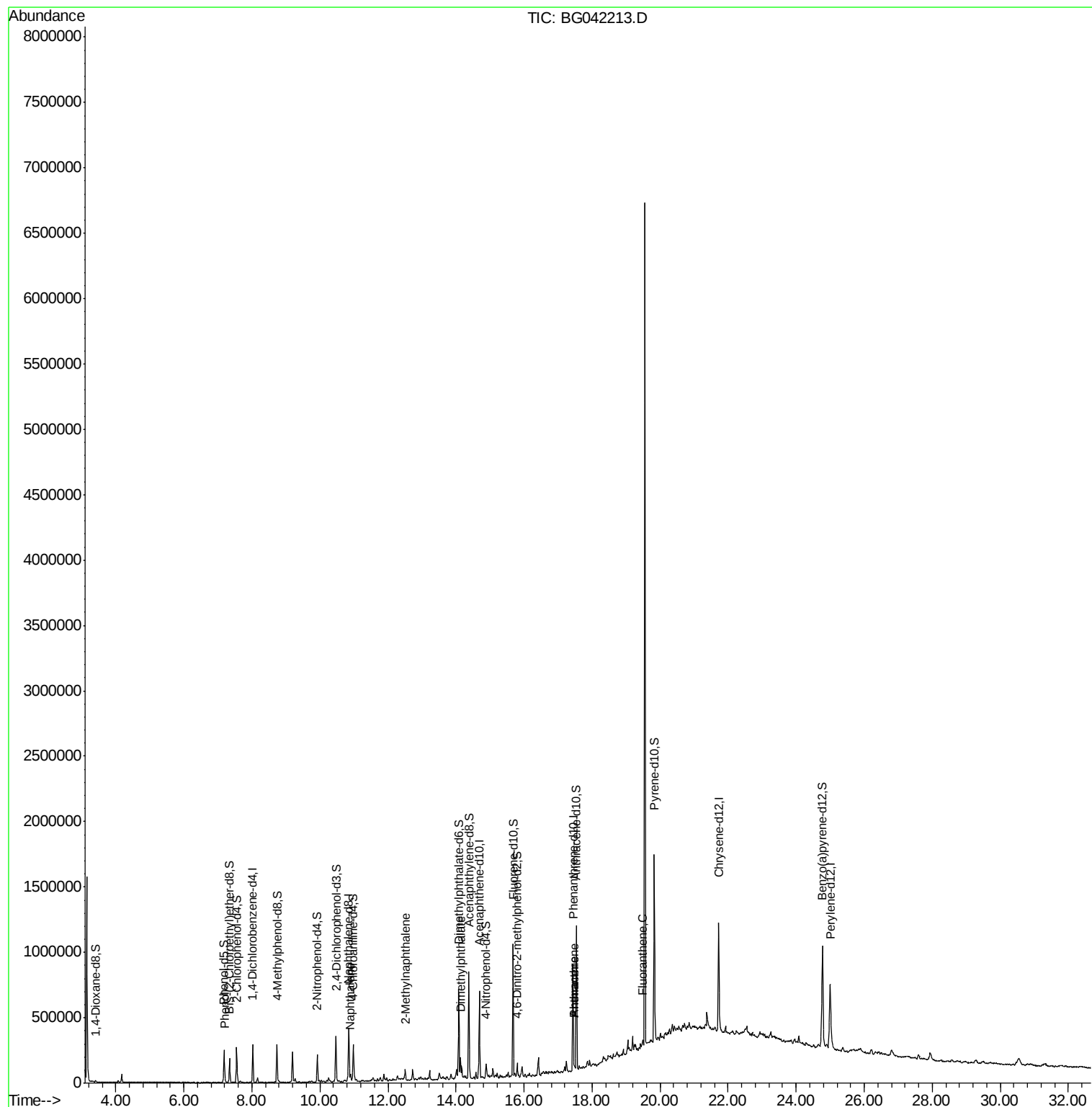
					Ovalue
6) Phenol	7.21	94	16811	2.158 ng/ul	96
28) Naphthalene	10.90	128	32030	1.595 ng/ul	98
34) 2-Methylnaphthalene	12.51	142	45383	2.844 ng/ul	96
44) Dimethylphthalate	14.13	163	109429	5.451 ng/ul	98
69) Phenanthrene	17.48	178	41018	1.431 ng/ul	97
71) Anthracene	17.48	178	41018	1.411 ng/ul	98
76) Fluoranthene	19.49	202	34826	1.051 ng/ul#	96

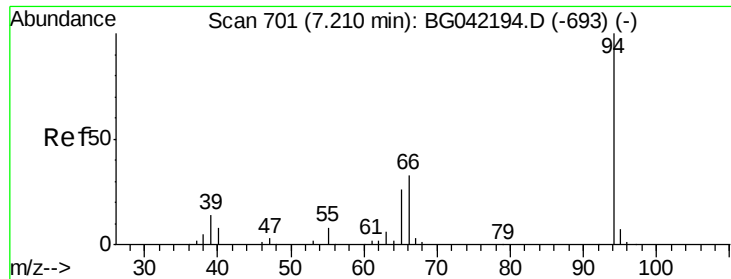
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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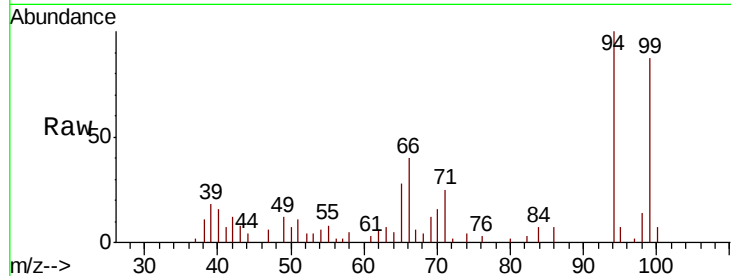
#6

Phenol

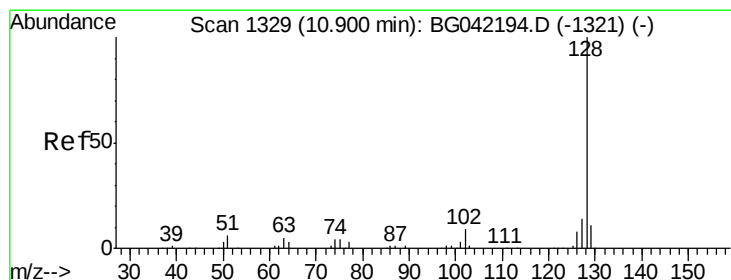
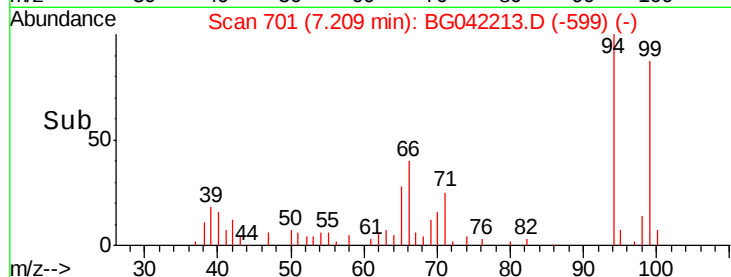
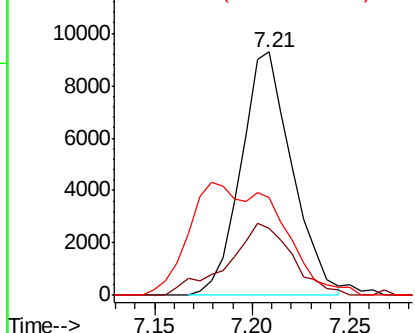
Concen: 2.158 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042213.D
 Acq: 14 Aug 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 ETOB8

Tot Ion: 94 Resp: 16811
 Ion Ratio Lower Upper
 94 100
 65 27.7 25.8 38.6
 66 40.1 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

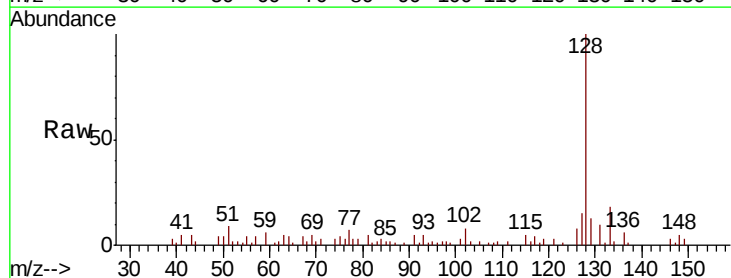


#28

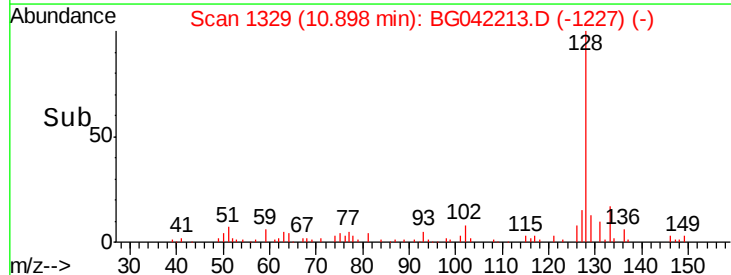
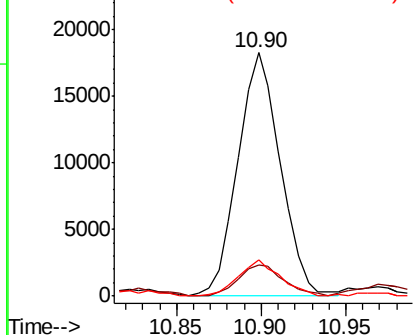
Naphthalene

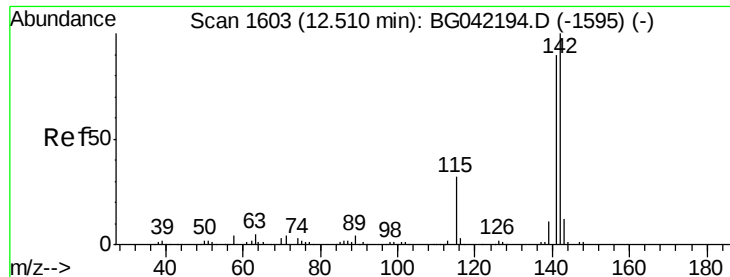
Concen: 1.595 ng/ul
 RT: 10.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG042213.D
 Acq: 14 Aug 2019 17:05

Tgt Ion:128 Resp: 32030
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.5 14.3
 127 15.1 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

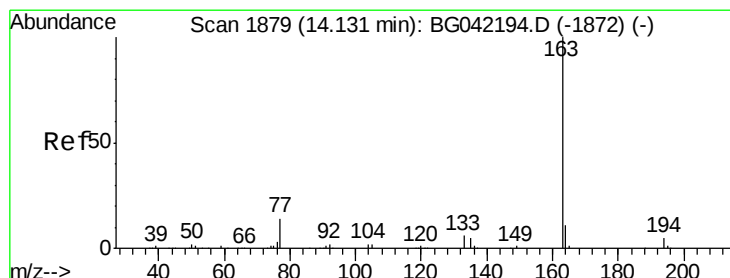
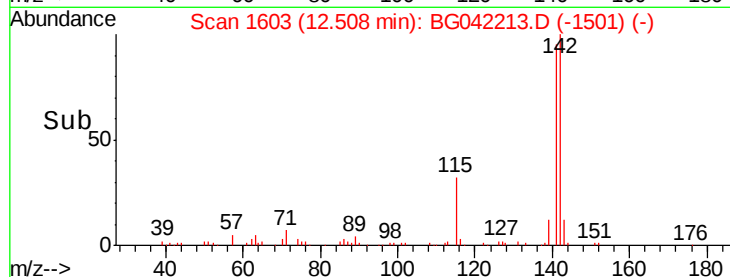
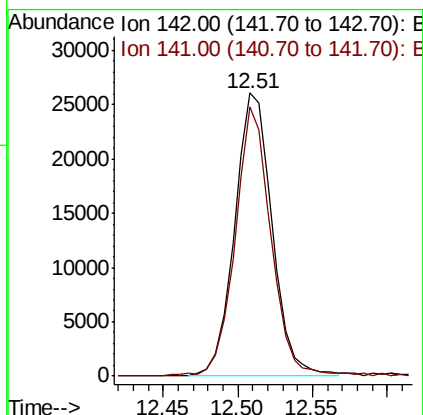
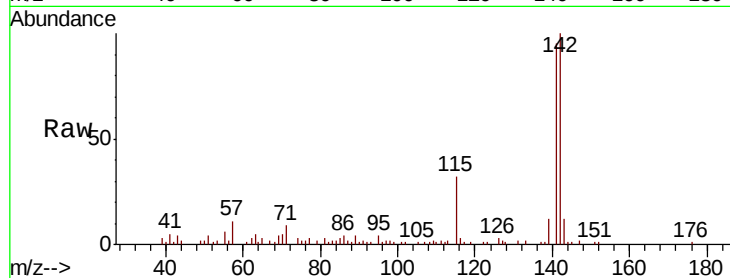




#34
 2-Methylnaphthalene
 Concen: 2.844 ng/ul
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG042213.D
 Acq: 14 Aug 2019 17:05

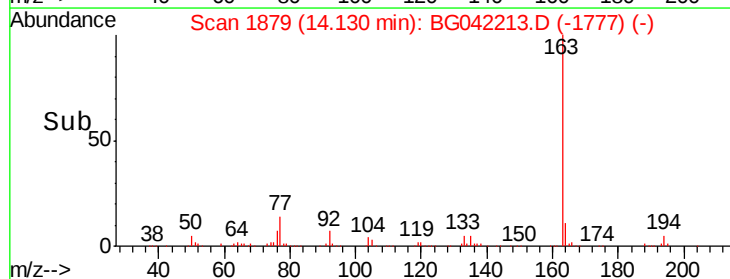
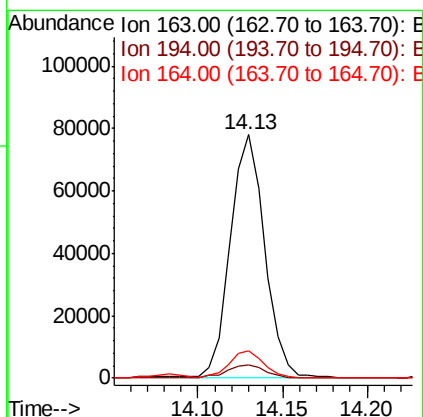
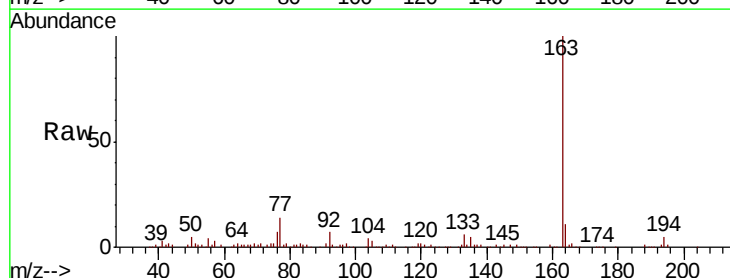
Instrument :
 BNA_G
 ClientSampleId :
 ETOB8

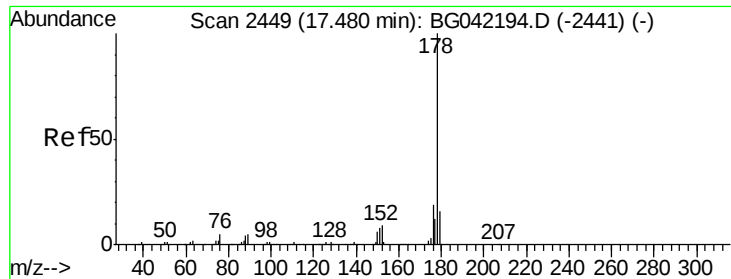
Tot Ion:142 Resp: 45383
 Ion Ratio Lower Upper
 142 100
 141 95.0 72.9 109.3



#44
 Dimethylphthalate
 Concen: 5.451 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG042213.D
 Acq: 14 Aug 2019 17:05

Tgt Ion:163 Resp: 109429
 Ion Ratio Lower Upper
 163 100
 194 5.3 4.2 6.2
 164 11.1 7.8 11.8





#69

Phenanthrene

Concen: 1.431 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042213.D

Acq: 14 Aug 2019 17:05

Instrument :

BNA_G

ClientSampleId :

ETOB8

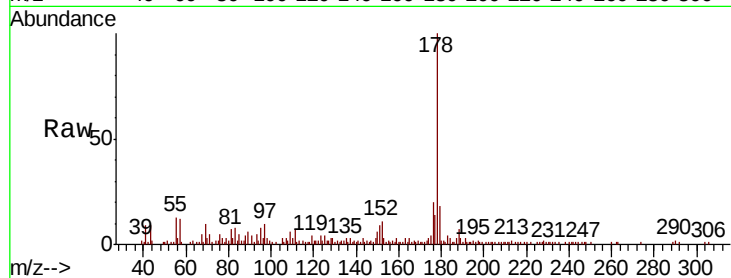
Tot Ion:178 Resp: 41018

Ion Ratio Lower Upper

178 100

179 18.1 12.8 19.2

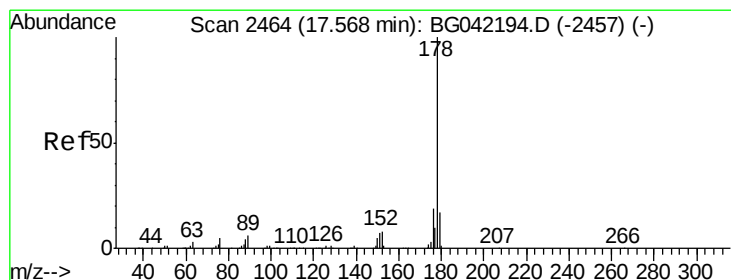
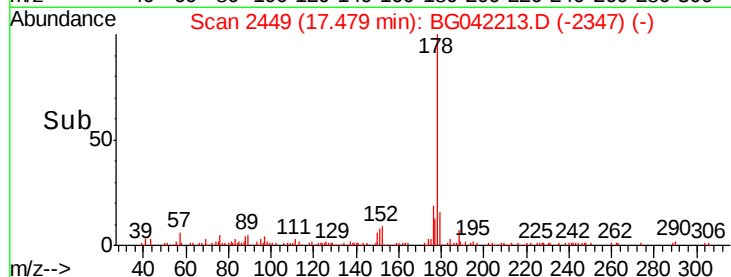
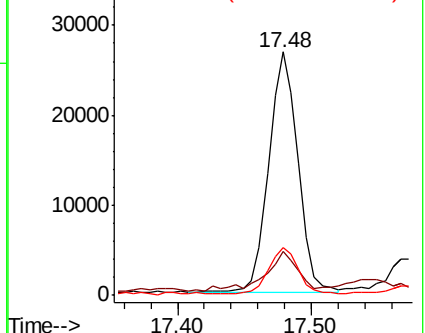
176 19.6 15.4 23.2



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: 1.411 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.09 min

Lab File: BG042213.D

Acq: 14 Aug 2019 17:05

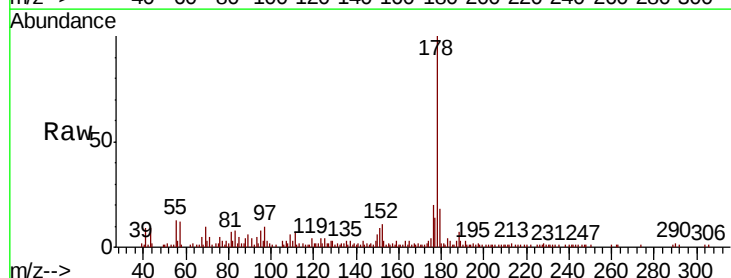
Tgt Ion:178 Resp: 41018

Ion Ratio Lower Upper

178 100

179 18.1 13.4 20.0

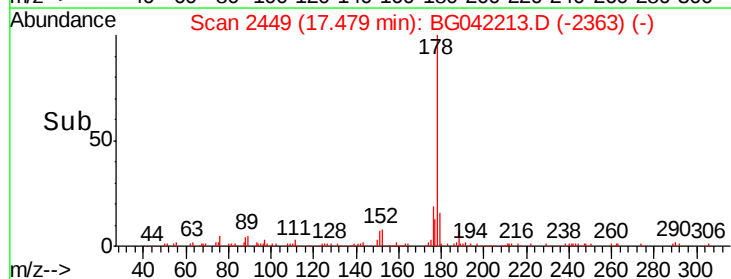
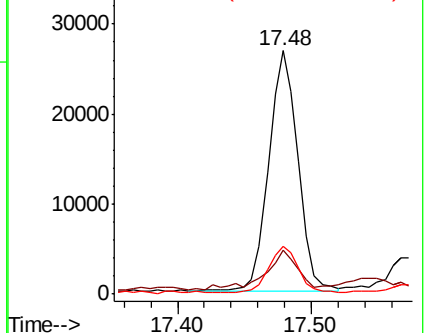
176 19.6 15.4 23.2

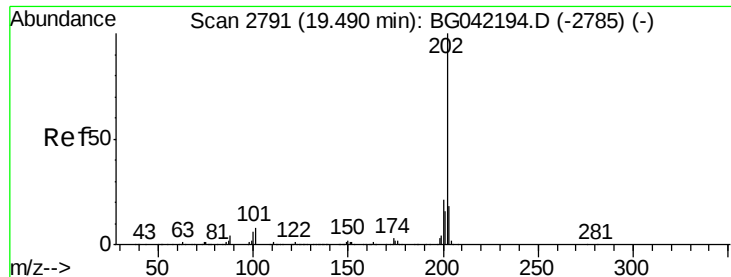


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

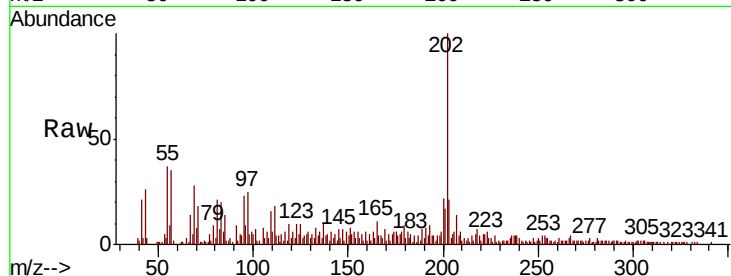




#76
 Fluoranthene
 Concen: 1.051 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BG042213.D
 Acq: 14 Aug 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 ETOB8

Tot Ion:	202	Resp:	34826
Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.7	10.1
100	4.8	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

