

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042184.D
 Acq On : 13 Aug 2019 17:11
 Operator : HP/JU
 Sample : K4215-10
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC1

Quant Time: Aug 14 05:03:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	77753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	307715	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	210868	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	418126	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	436785	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	529714	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5016	2.82	ng/uL	0.00
5) Phenol-d5	7.18	99	110312	18.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	55718	16.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	101354	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	77163	15.06	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	50813	21.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	63408	23.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	113893	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	128063	21.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	353618	21.62	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	416302	22.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	30913	11.26	ng/ul	0.00
57) Fluorene-d10	15.68	176	318924	21.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	22578	8.42	ng/ul	0.00
70) Anthracene-d10	17.54	188	473714	23.61	ng/ul	0.00
78) Pyrene-d10	19.83	212	535586	21.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	629357	22.74	ng/ul	0.00

Target Compounds

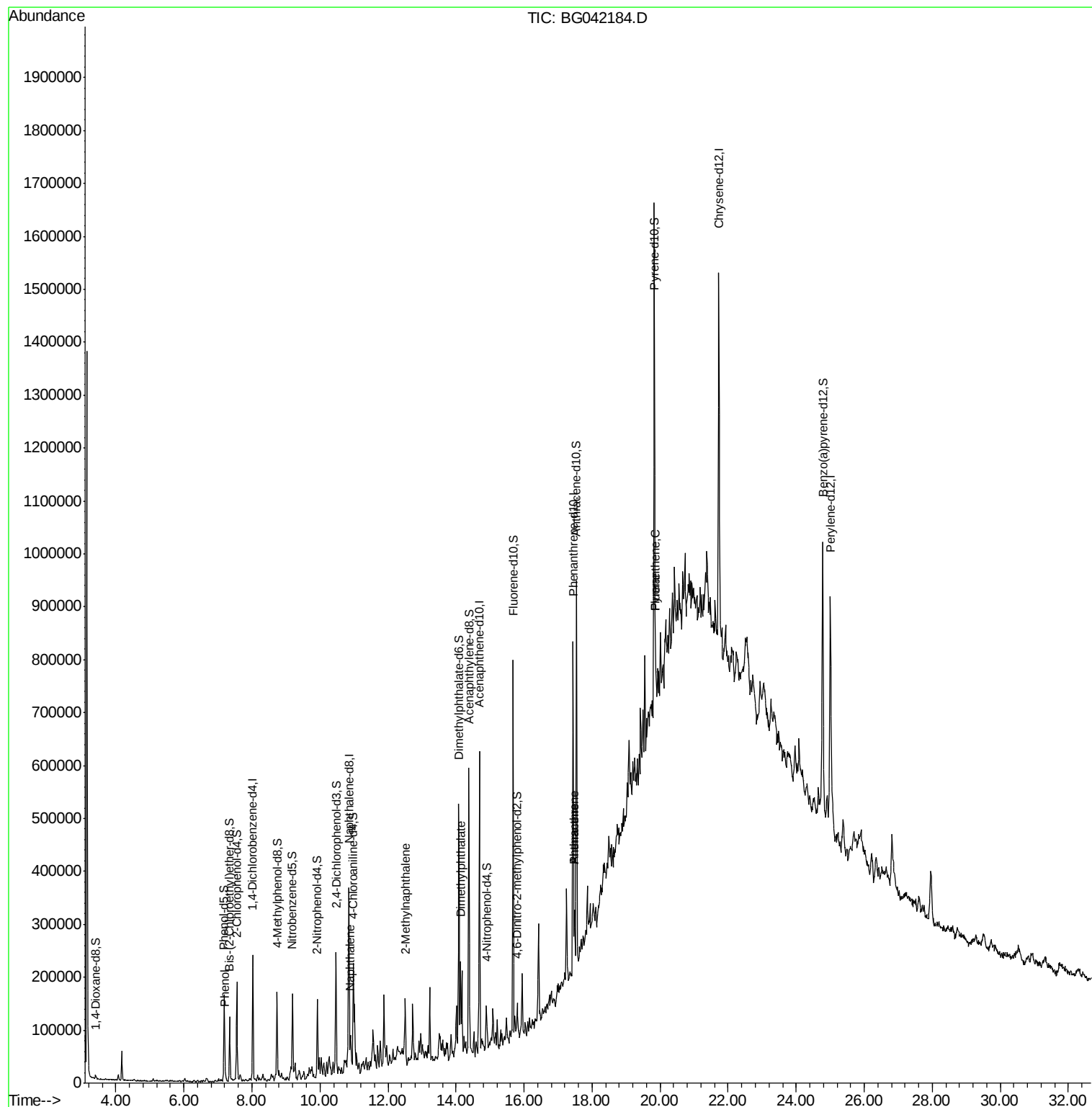
					Ovalue
6) Phenol	7.21	94	10618	1.686 ng/ul	97
28) Naphthalene	10.90	128	35949	2.285 ng/ul	98
34) 2-Methylnaphthalene	12.51	142	57491	4.598 ng/ul	97
44) Dimethylphthalate	14.13	163	116265	7.160 ng/ul	98
69) Phenanthrene	17.48	178	70261	3.069 ng/ul	100
71) Anthracene	17.48	178	70129	3.021 ng/ul	99
76) Fluoranthene	19.86	202	52981	2.003 ng/ul	98
79) Pyrene	19.86	202	52981	1.803 ng/ul	98

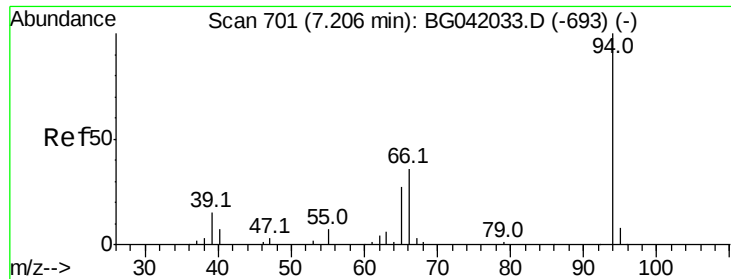
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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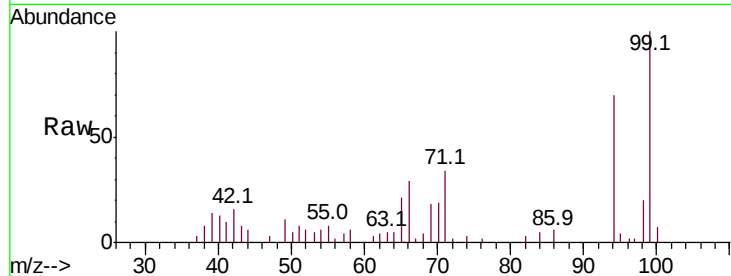
#6

Phenol

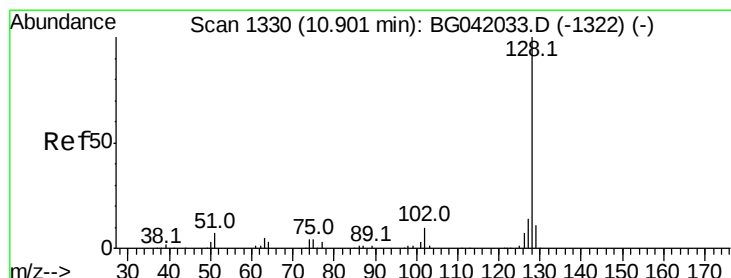
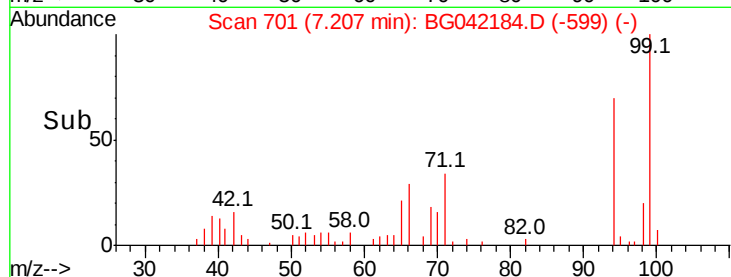
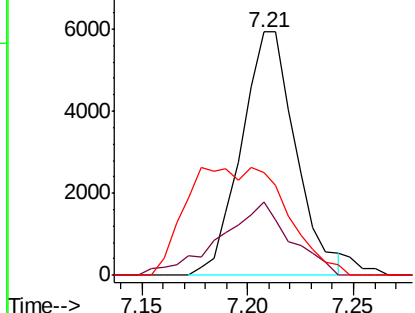
Concen: 1.686 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042184.D
 Acq: 13 Aug 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 ETOC1

Tot Ion	94	Resp	10618
Ion	Ratio	Lower	Upper
94	100		
65	30.3	25.8	38.6
66	42.0	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

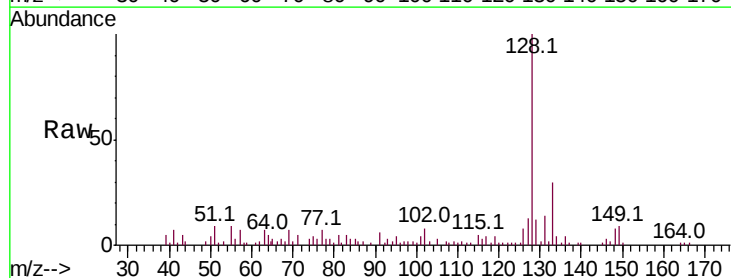


#28

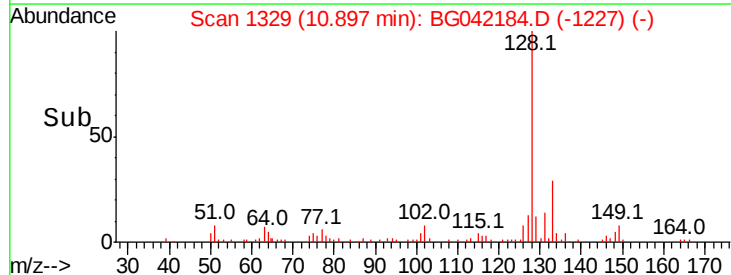
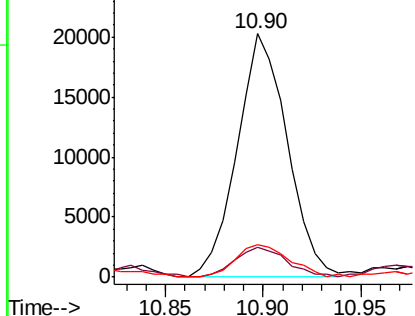
Naphthalene

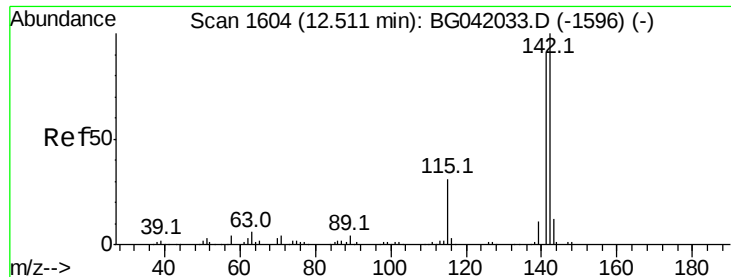
Concen: 2.285 ng/ul
 RT: 10.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG042184.D
 Acq: 13 Aug 2019 17:11

Tgt Ion	128	Resp	35949
Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.5	14.3
127	13.3	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

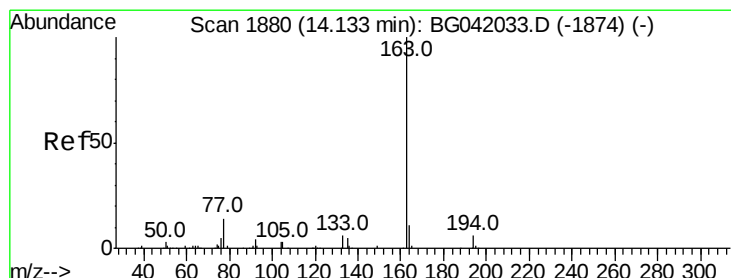
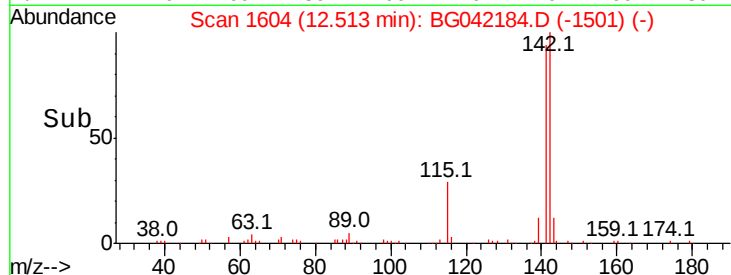
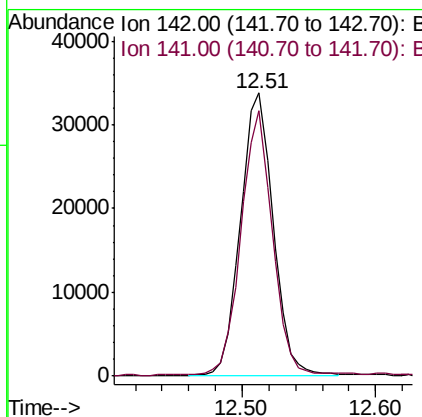
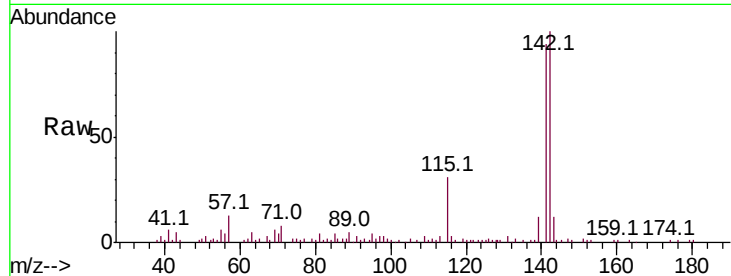




#34
 2-Methylnaphthalene
 Concen: 4.598 ng/ul
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG042184.D
 Acq: 13 Aug 2019 17:11

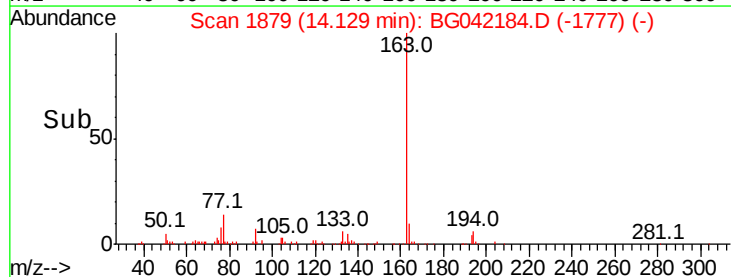
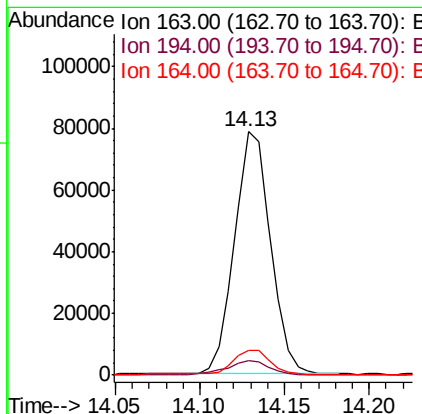
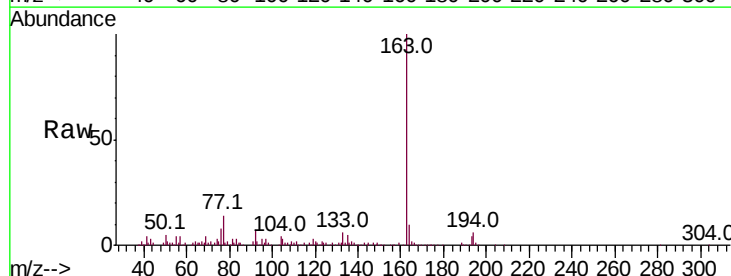
Instrument :
 BNA_G
 ClientSampleId :
 ETOC1

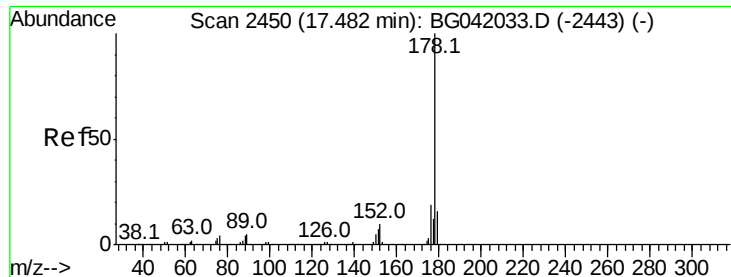
Tot Ion:142 Resp: 57491
 Ion Ratio Lower Upper
 142 100
 141 93.7 72.9 109.3



#44
 Dimethylphthalate
 Concen: 7.160 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG042184.D
 Acq: 13 Aug 2019 17:11

Tgt Ion:163 Resp: 116265
 Ion Ratio Lower Upper
 163 100
 194 6.2 4.2 6.2
 164 10.3 7.8 11.8





#69

Phenanthrene

Concen: 3.069 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042184.D

Acq: 13 Aug 2019 17:11

Instrument :

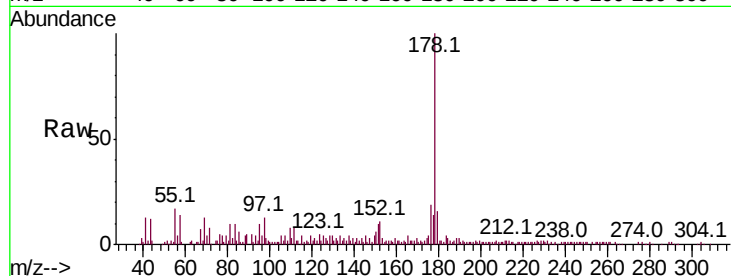
BNA_G

ClientSampleId :

ETOC1

Tot Ion:178 Resp: 70261

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.3	15.4	23.2

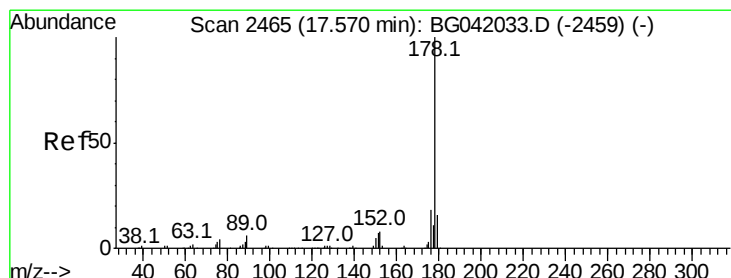
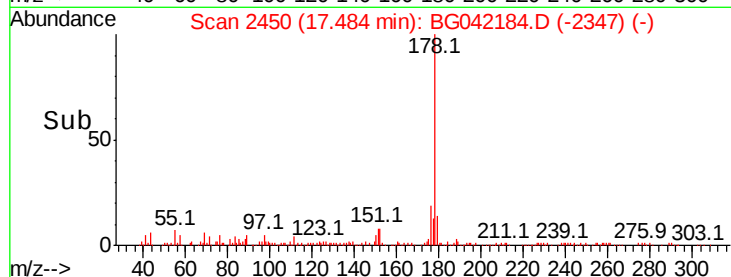
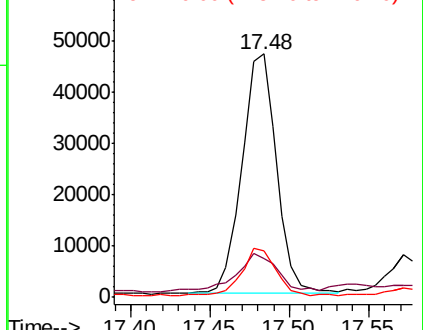


Abundance

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: 3.021 ng/ul

RT: 17.48 min Scan# 2450

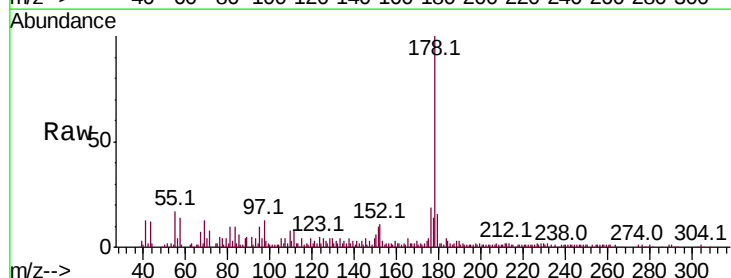
Delta R.T. -0.09 min

Lab File: BG042184.D

Acq: 13 Aug 2019 17:11

Tgt Ion:178 Resp: 70129

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.4	20.0
176	19.3	15.4	23.2

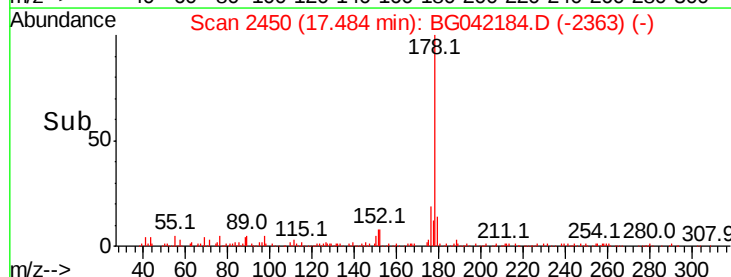
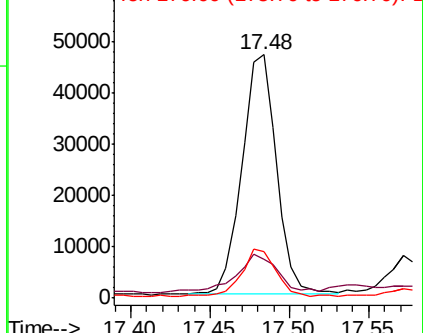


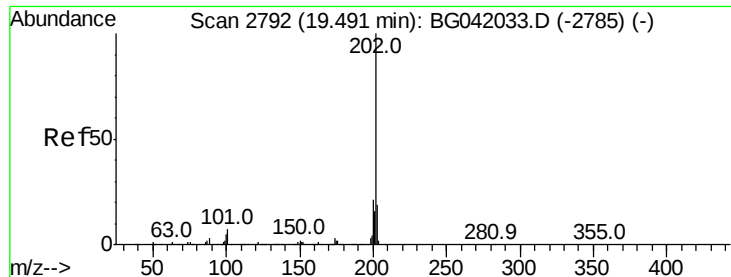
Abundance

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

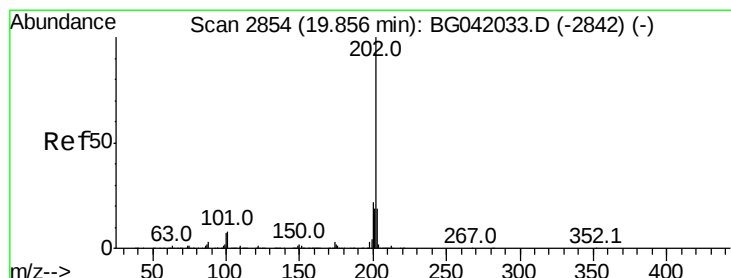
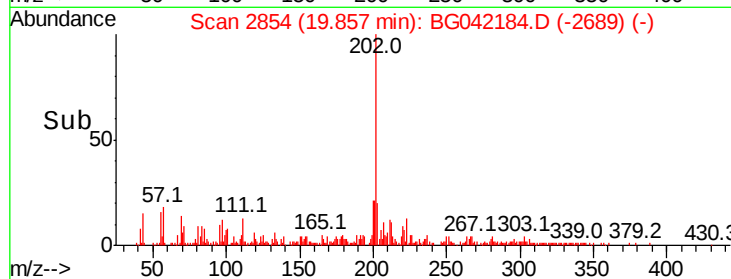
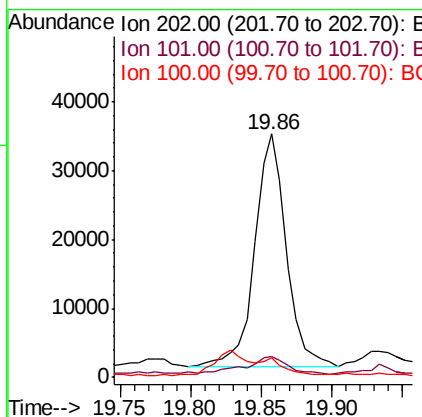
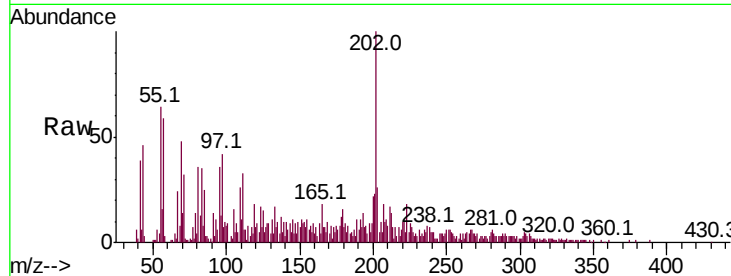




#76
 Fluoranthene
 Concen: 2.003 ng/ul
 RT: 19.86 min Scan# 2854
 Delta R.T. 0.37 min
 Lab File: BG042184.D
 Acq: 13 Aug 2019 17:11

Instrument :
 BNA_G
 ClientSampleId :
 ETOC1

Tot Ion:	202	Resp:	52981
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.7	10.1
100	7.8	5.3	7.9



#79
 Pyrene
 Concen: 1.803 ng/ul
 RT: 19.86 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG042184.D
 Acq: 13 Aug 2019 17:11

Tgt Ion:	202	Resp:	52981
Ion Ratio	Lower	Upper	
202	100		
101	8.6	7.6	11.4
100	7.8	6.5	9.7

