

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042187.D
 Acq On : 13 Aug 2019 19:07
 Operator : HP/JU
 Sample : K4215-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC0

Quant Time: Aug 14 05:03:54 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	84886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	338728	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	233192	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	464887	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	482329	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	582381	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4823	2.49	ng/uL	0.00
5) Phenol-d5	7.18	99	113787	17.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	60819	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	106320	18.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	48709	8.71	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	55423	21.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	69583	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	111715	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	112236	16.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	392367	21.69	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	459086	22.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	33369	10.99	ng/ul	0.00
57) Fluorene-d10	15.68	176	359245	22.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	33269	11.15	ng/ul	0.00
70) Anthracene-d10	17.54	188	537446	24.10	ng/ul	0.00
78) Pyrene-d10	19.83	212	615979	22.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	709949	23.34	ng/ul	0.00

Target Compounds

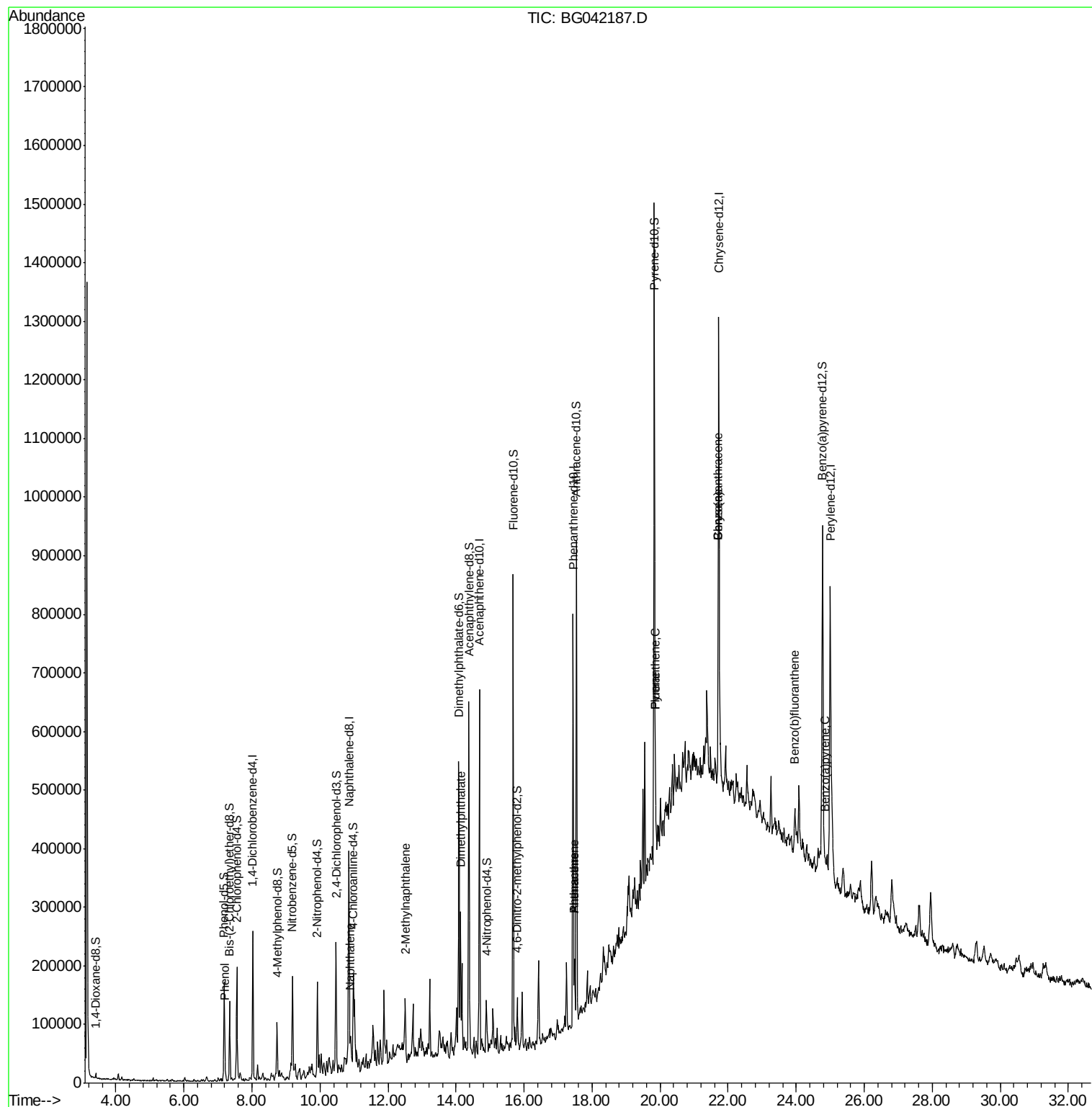
					Ovalue
6) Phenol	7.21	94	12158	1.768 ng/ul	95
28) Naphthalene	10.90	128	32650	1.885 ng/ul	98
34) 2-Methylnaphthalene	12.51	142	47509	3.452 ng/ul	96
44) Dimethylphthalate	14.13	163	160607	8.944 ng/ul	97
69) Phenanthrene	17.48	178	76516	3.006 ng/ul	98
71) Anthracene	17.48	178	76738	2.973 ng/ul	97
76) Fluoranthene	19.86	202	102307	3.479 ng/ul	99
79) Pyrene	19.86	202	102307	3.153 ng/ul#	96
82) Benzo(a)anthracene	21.70	228	46956	1.404 ng/ul	96
84) Chrysene	21.70	228	47000	1.506 ng/ul	95
87) Benzo(b)fluoranthene	23.96	252	60417	1.653 ng/ul#	80
90) Benzo(a)pyrene	24.84	252	42835	1.230 ng/ul#	80

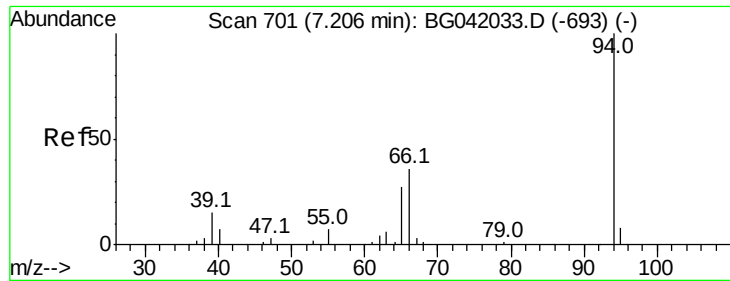
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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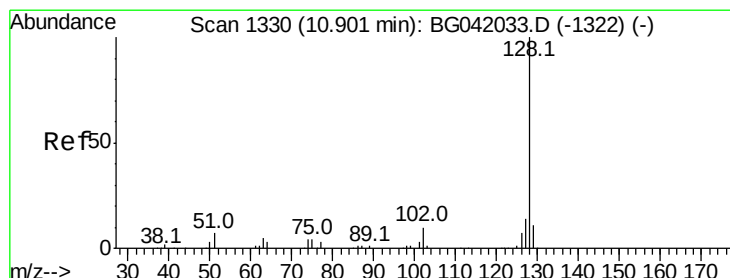
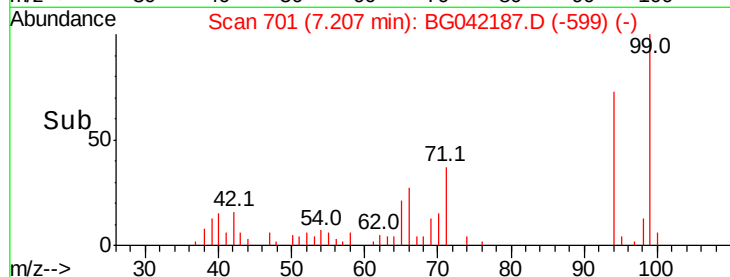
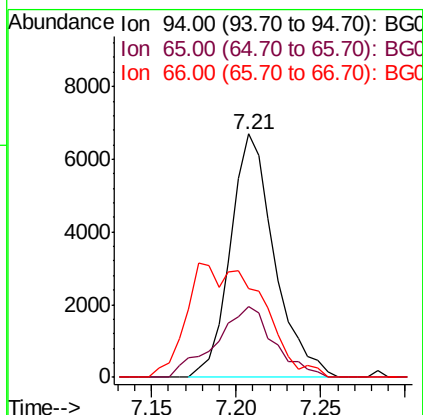
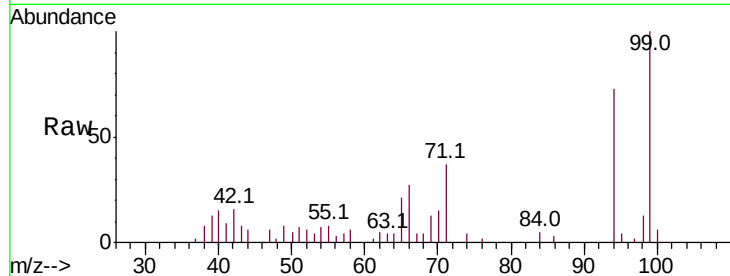
#6

Phenol

Concen: 1.768 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042187.D
 Acq: 13 Aug 2019 19:07

Instrument :
 BNA_G
 ClientSampleId :
 ETOC0

Tot Ion: 94 Resp: 12158
 Ion Ratio Lower Upper
 94 100
 65 29.2 25.8 38.6
 66 36.6 31.8 47.8

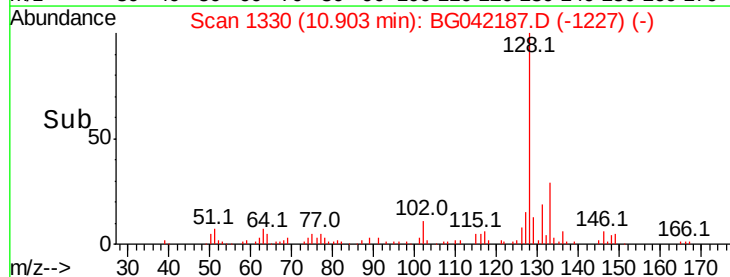
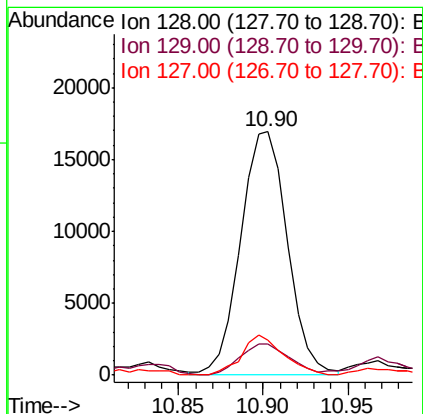
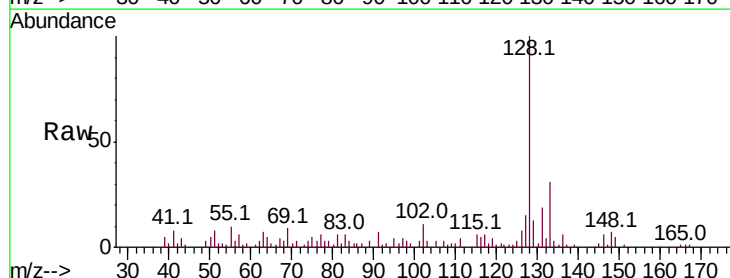


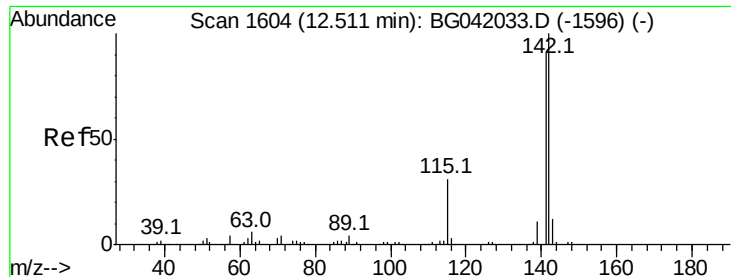
#28

Naphthalene

Concen: 1.885 ng/ul
 RT: 10.90 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BG042187.D
 Acq: 13 Aug 2019 19:07

Tgt Ion: 128 Resp: 32650
 Ion Ratio Lower Upper
 128 100
 129 13.0 9.5 14.3
 127 14.6 11.4 17.0

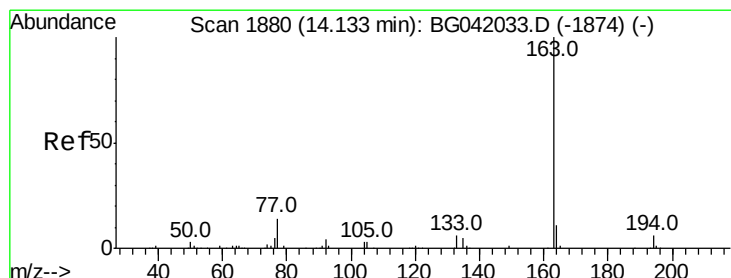
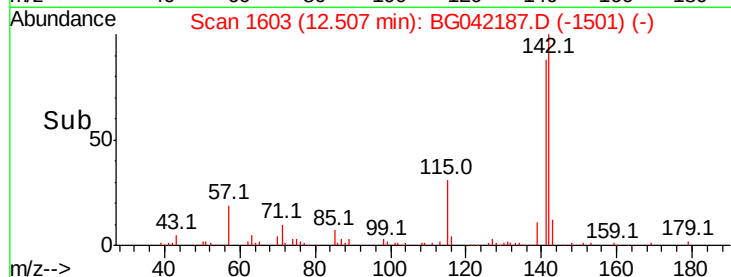
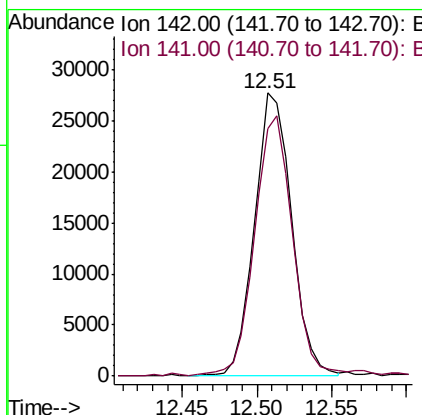
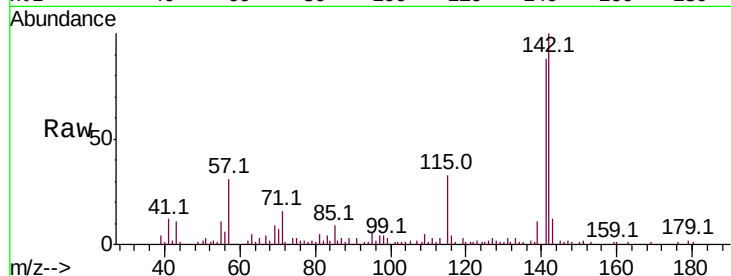




#34
 2-Methylnaphthalene
 Concen: 3.452 ng/ul
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG042187.D
 Acq: 13 Aug 2019 19:07

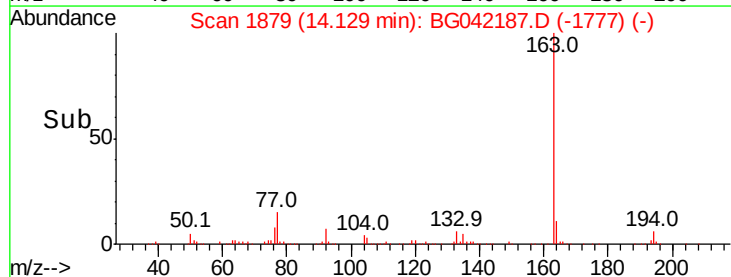
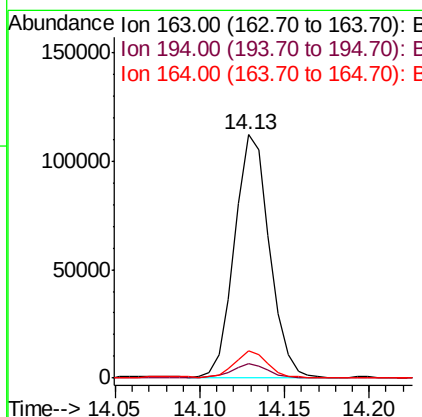
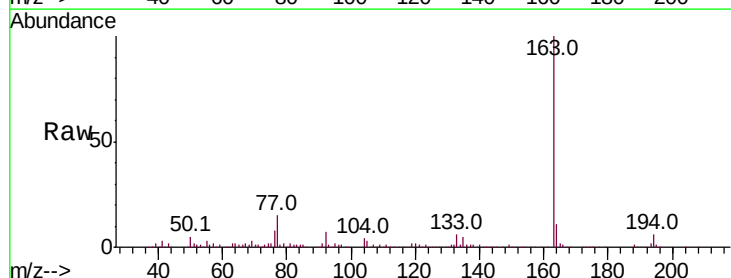
Instrument :
 BNA_G
 ClientSampleId :
 ETOC0

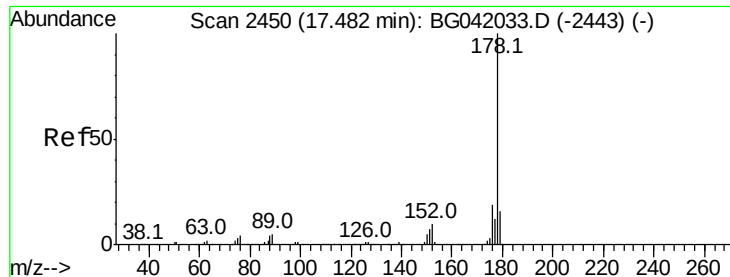
Tot Ion:142 Resp: 47509
 Ion Ratio Lower Upper
 142 100
 141 87.6 72.9 109.3



#44
 Dimethylphthalate
 Concen: 8.944 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG042187.D
 Acq: 13 Aug 2019 19:07

Tgt Ion:163 Resp: 160607
 Ion Ratio Lower Upper
 163 100
 194 5.8 4.2 6.2
 164 11.2 7.8 11.8





#69

Phenanthrene

Concen: 3.006 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

Instrument :

BNA_G

ClientSampleId :

ETOC0

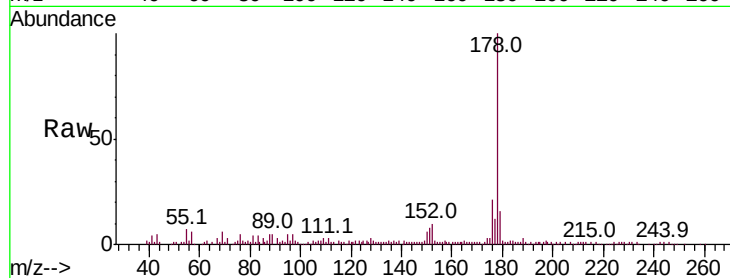
Tot Ion:178 Resp: 76516

Ion Ratio Lower Upper

178 100

179 15.7 12.8 19.2

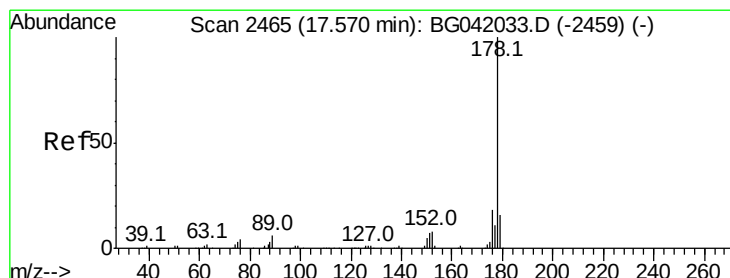
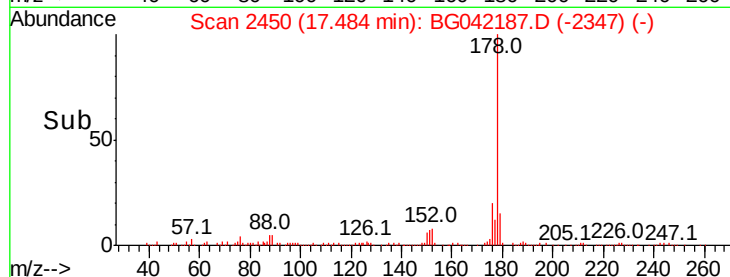
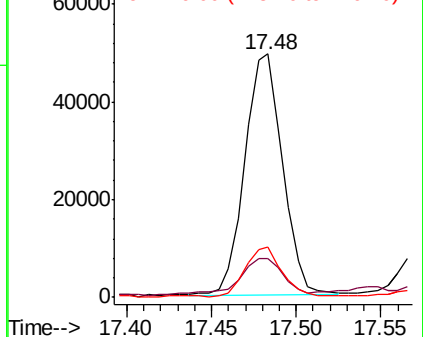
176 20.8 15.4 23.2



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: 2.973 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

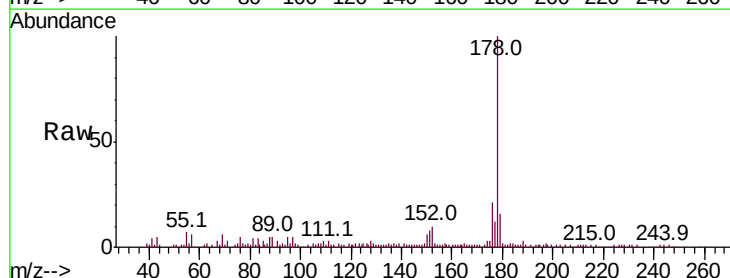
Tgt Ion:178 Resp: 76738

Ion Ratio Lower Upper

178 100

179 15.7 13.4 20.0

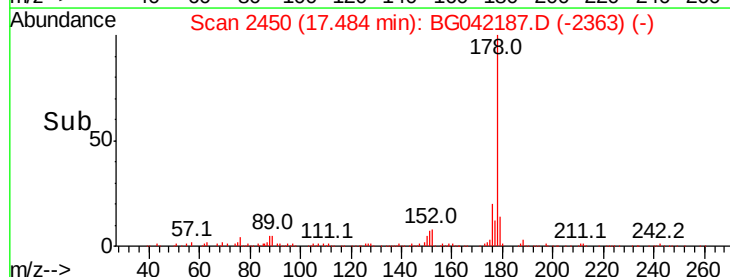
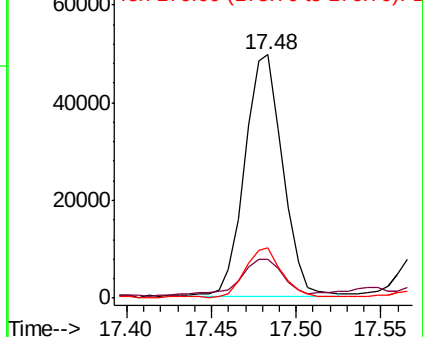
176 20.8 15.4 23.2

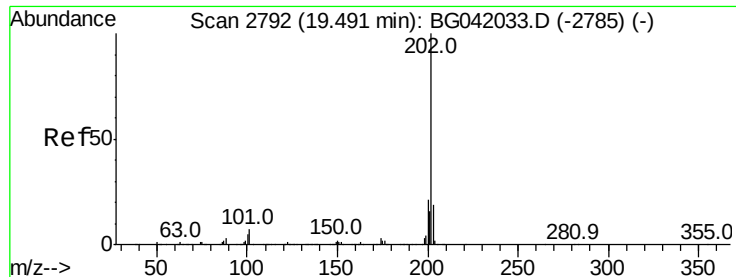


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 3.479 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.37 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

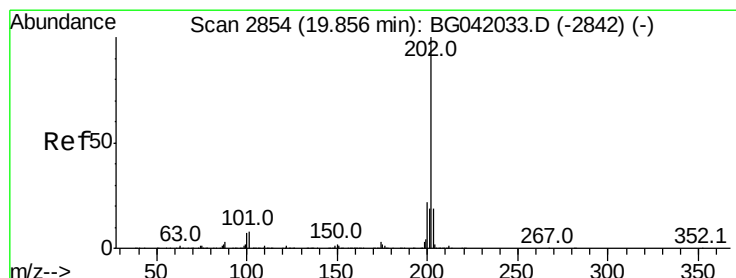
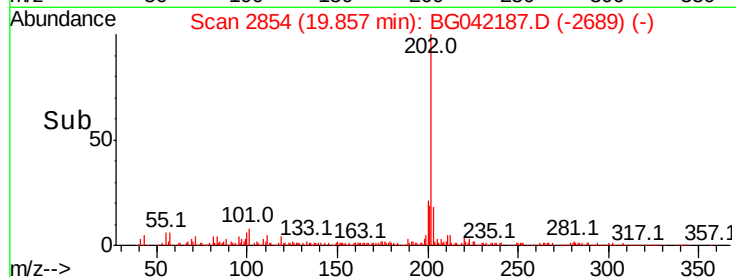
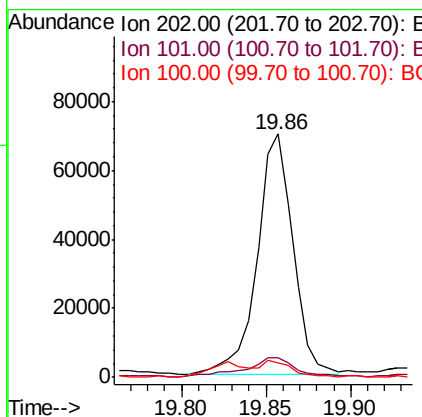
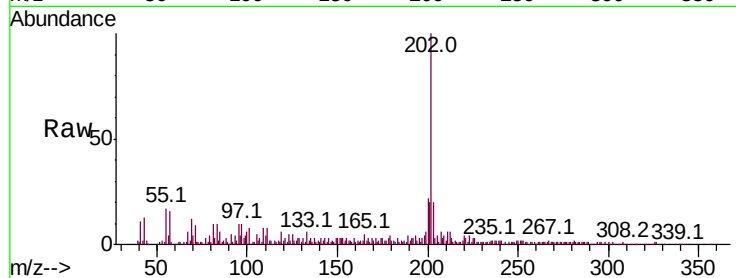
Instrument :

BNA_G

ClientSampleId :

ETOC0

Tot Ion:	202	Resp:	102307
Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
100	6.1	5.3	7.9



#79

Pyrene

Concen: 3.153 ng/ul

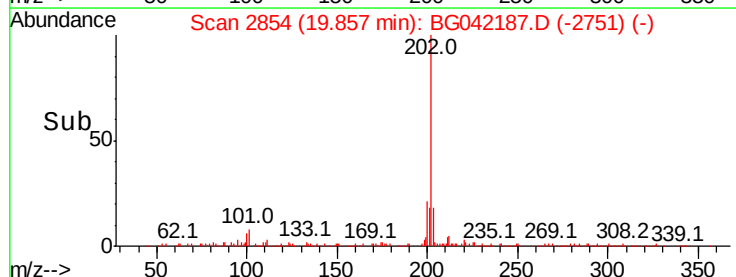
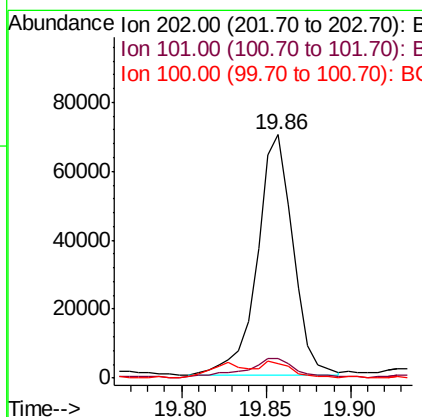
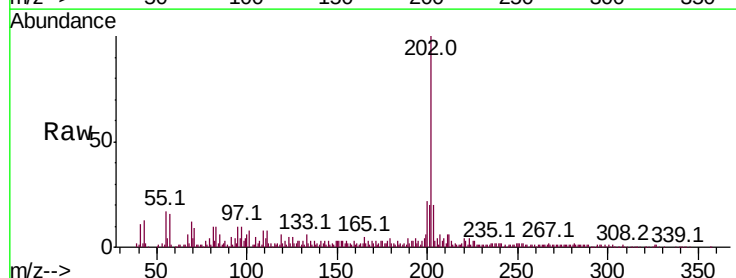
RT: 19.86 min Scan# 2854

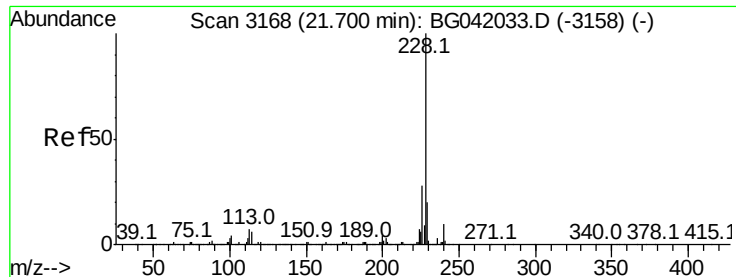
Delta R.T. 0.00 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

Tgt Ion:	202	Resp:	102307
Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.6	11.4
100	6.1	6.5	9.7#





#82

Benzo(a)anthracene

Concen: 1.404 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

Instrument :

BNA_G

ClientSampleId :

ETOC0

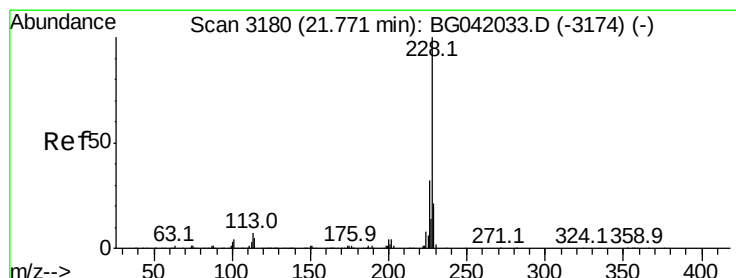
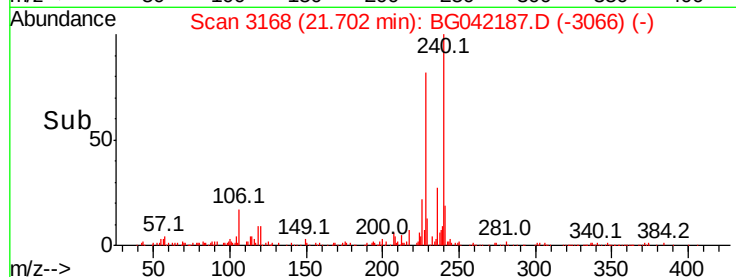
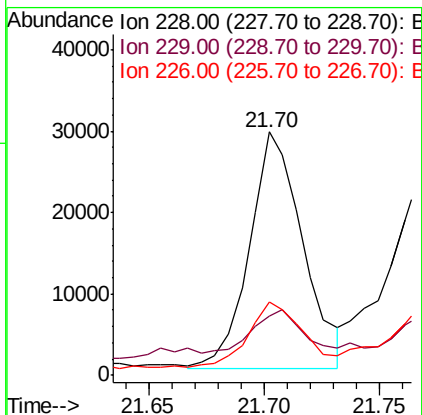
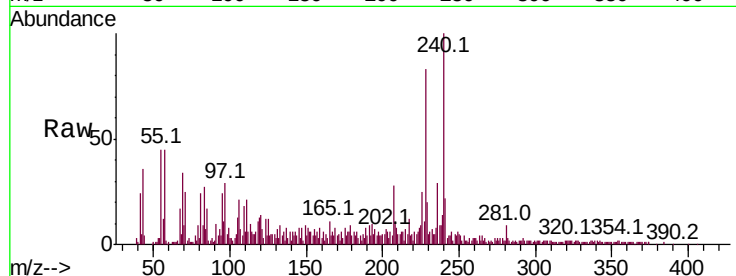
Tot Ion:228 Resp: 46956

Ion	Ratio	Lower	Upper
228	100		
229	24.2	17.0	25.6
226	30.3	23.3	34.9

228 100

229 24.2 17.0 25.6

226 30.3 23.3 34.9



#84

Chrysene

Concen: 1.506 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.07 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

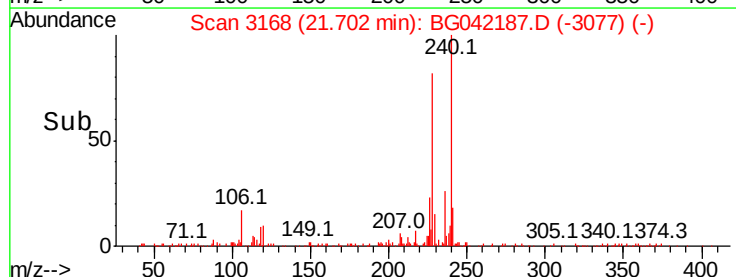
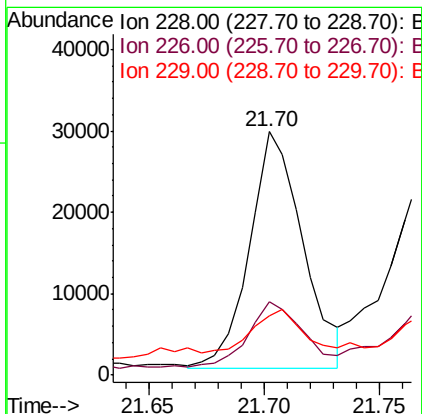
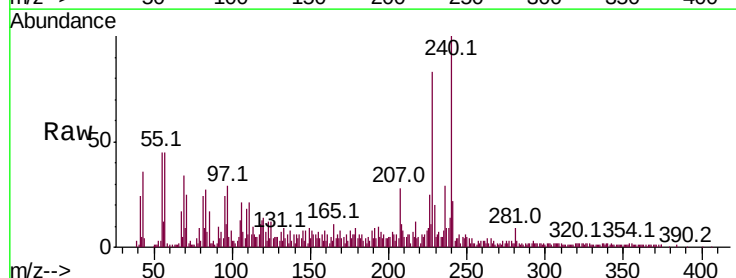
Tgt Ion:228 Resp: 47000

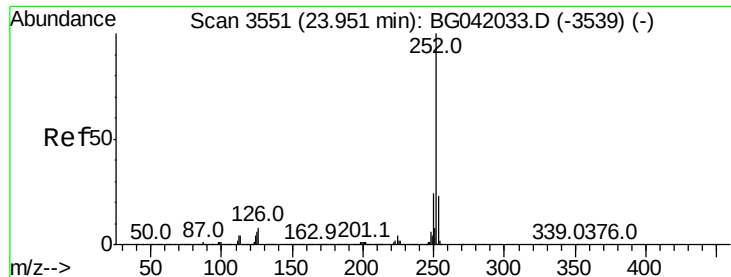
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.7	38.5
229	24.2	16.6	24.8

228 100

226 30.3 25.7 38.5

229 24.2 16.6 24.8





#87

Benzo(b)fluoranthene

Concen: 1.653 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

Instrument :

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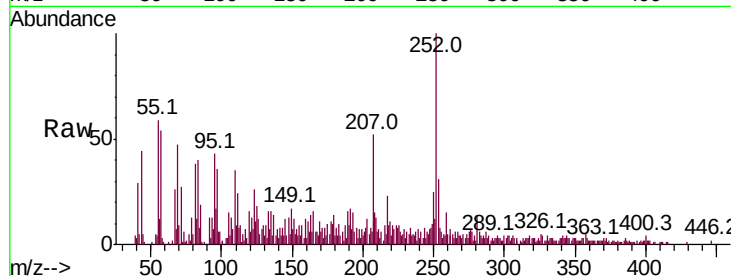
Tot Ion:252 Resp: 60417

Ion Ratio Lower Upper

252 100

253 30.9 18.4 27.6#

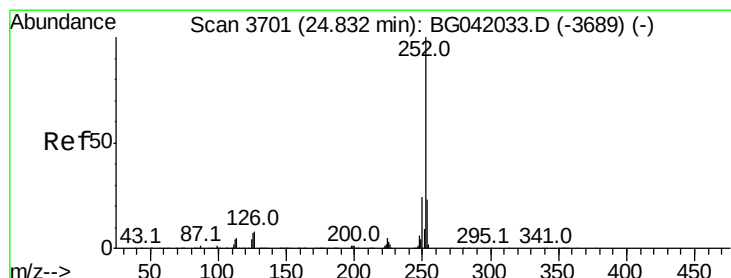
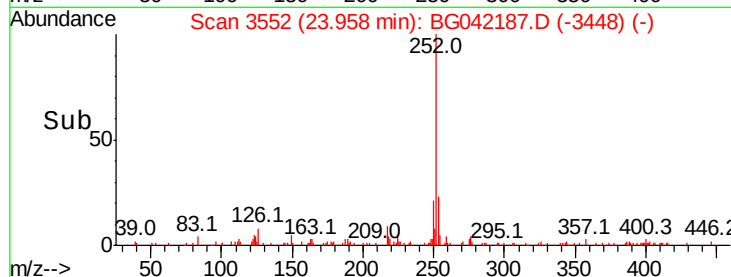
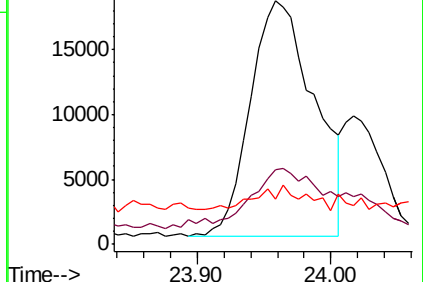
125 18.4 5.8 8.8#



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



#90

Benzo(a)pyrene

Concen: 1.230 ng/ul

RT: 24.84 min Scan# 3702

Delta R.T. 0.00 min

Lab File: BG042187.D

Acq: 13 Aug 2019 19:07

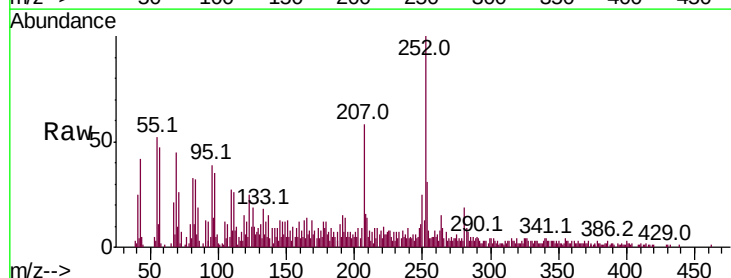
Tgt Ion:252 Resp: 42835

Ion Ratio Lower Upper

252 100

253 30.8 18.3 27.5#

125 19.4 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

