

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042109.D
 Acq On : 9 Aug 2019 19:31
 Operator : HP/JU
 Sample : K4041-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 02:31:05 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	72076	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	305329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	213922	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	452888	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	447949	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	521954	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3035	1.84	ng/uL	0.01
5) Phenol-d5	7.18	99	62501	11.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	36408	11.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	65227	13.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	45666	9.62	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	31823	13.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	39059	14.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	71199	13.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	67821	11.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	240907	14.52	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	280863	14.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	17247	6.19	ng/ul	0.02
57) Fluorene-d10	15.68	176	216524	14.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	26828	9.23	ng/ul	0.00
70) Anthracene-d10	17.54	188	334124	15.38	ng/ul	0.00
78) Pyrene-d10	19.83	212	388470	15.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	425488	15.60	ng/ul	0.00

Target Compounds

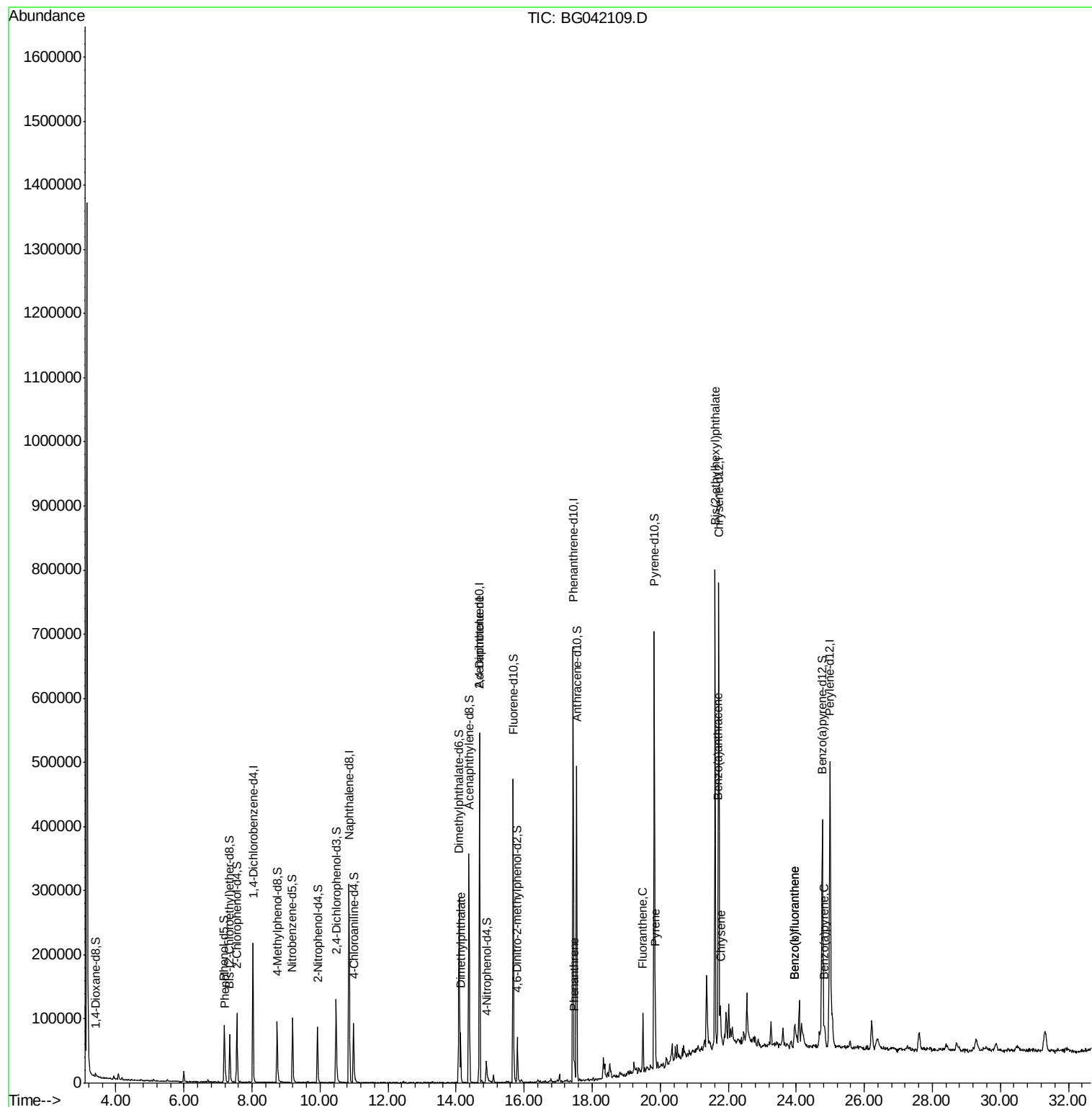
				Ovalue	
6) Phenol	7.21	94	10984	1.881 ng/ul	94
44) Dimethylphthalate	14.13	163	57337	3.481 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	27787	5.334 ng/ul#	42
69) Phenanthrene	17.48	178	26013	1.049 ng/ul	98
76) Fluoranthene	19.49	202	58897	2.056 ng/ul#	95
79) Pyrene	19.86	202	72844	2.418 ng/ul#	93
82) Benzo(a)anthracene	21.70	228	45235	1.456 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	330327	20.413 ng/ul	98
84) Chrysene	21.77	228	43745	1.509 ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	47514	1.451 ng/ul	98
88) Benzo(k)fluoranthene	23.96	252	47514	1.509 ng/ul	98
90) Benzo(a)pyrene	24.83	252	39668	1.271 ng/ul#	96

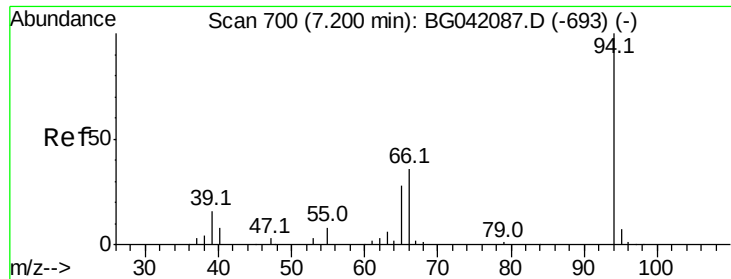
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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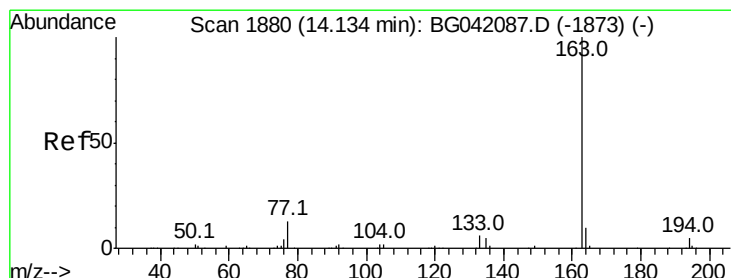
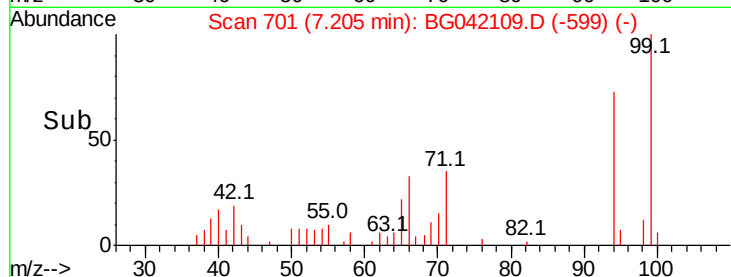
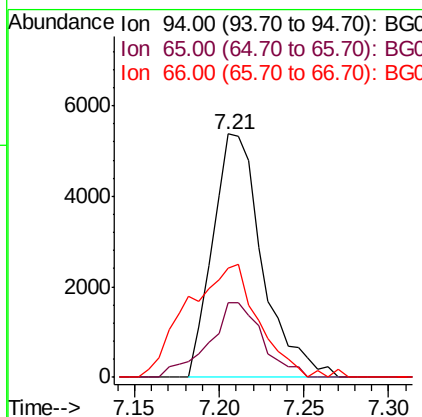
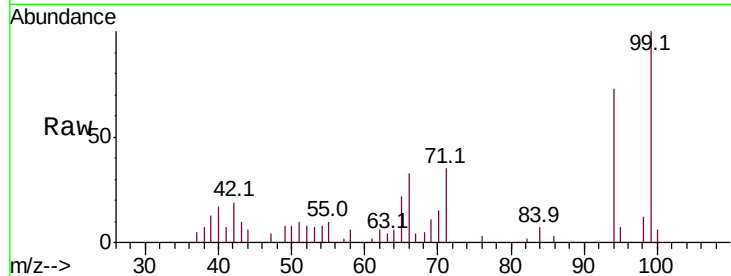
#6

Phenol

Concen: 1.881 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042109.D
 Acq: 9 Aug 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 94 Resp: 10984
 Ion Ratio Lower Upper
 94 100
 65 30.5 25.8 38.6
 66 44.9 31.8 47.8

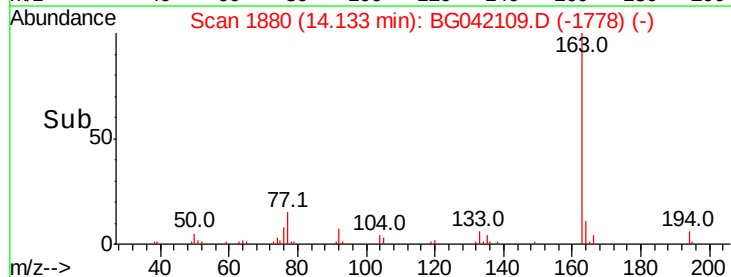
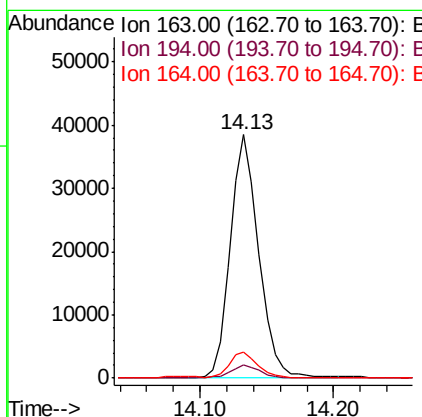
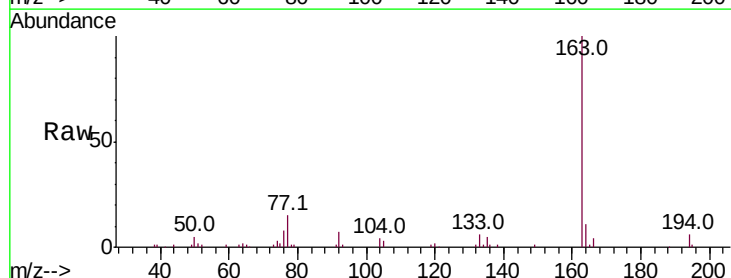


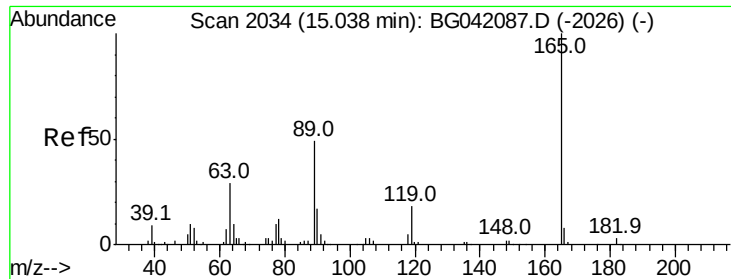
#44

Dimethylphthalate

Concen: 3.481 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BG042109.D
 Acq: 9 Aug 2019 19:31

Tgt Ion:163 Resp: 57337
 Ion Ratio Lower Upper
 163 100
 194 5.6 4.2 6.2
 164 10.7 7.8 11.8





#54

2,4-Dinitrotoluene

Concen: 5.334 ng/ul

RT: 14.68 min Scan# 1974

Delta R.T. -0.36 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

Instrument :

BNA_G

ClientSampleId :

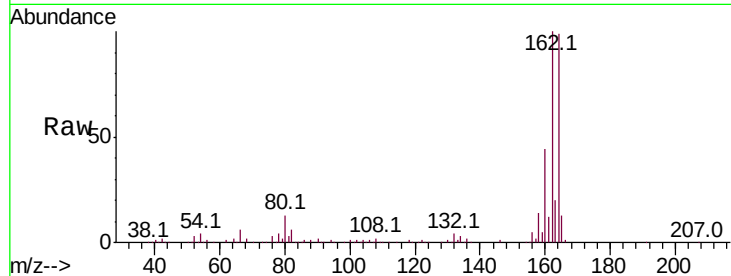
Tot Ion:165 Resp: 27787

Ion Ratio Lower Upper

165 100

63 0.0 29.4 44.2#

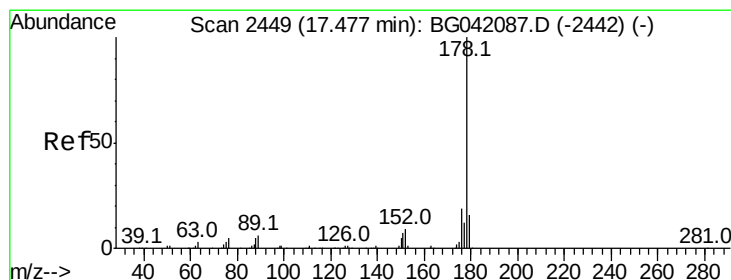
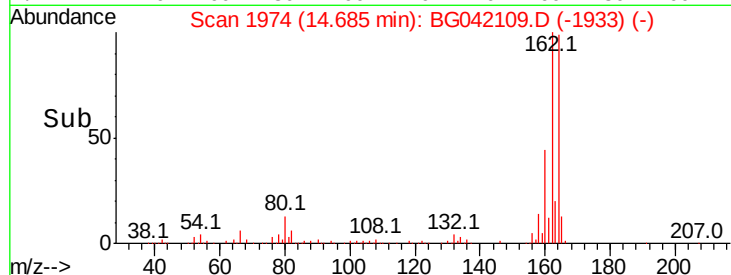
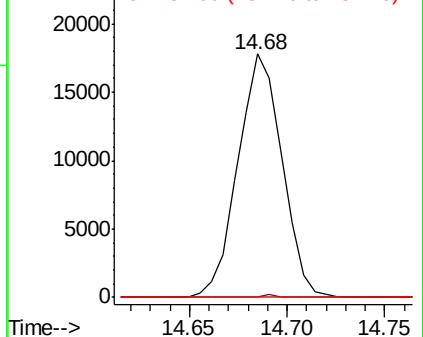
182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#69

Phenanthrene

Concen: 1.049 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

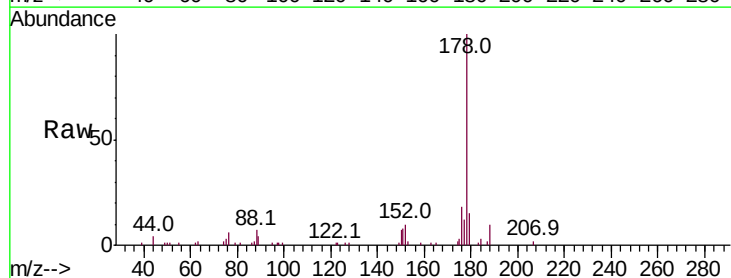
Tgt Ion:178 Resp: 26013

Ion Ratio Lower Upper

178 100

179 15.2 12.8 19.2

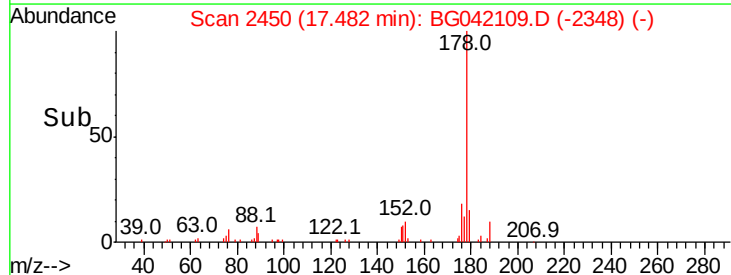
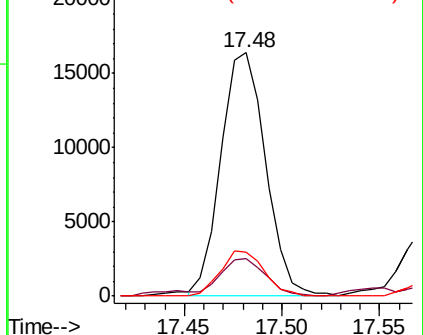
176 18.1 15.4 23.2

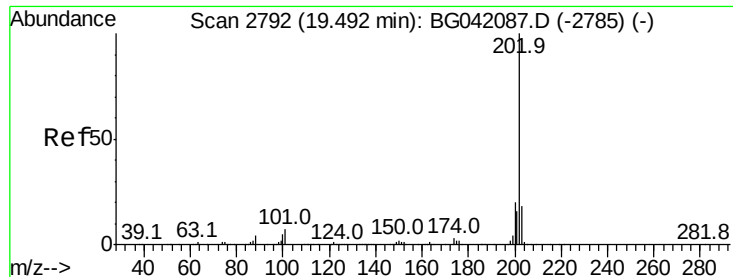


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.056 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

Instrument :

BNA_G

ClientSampleId :

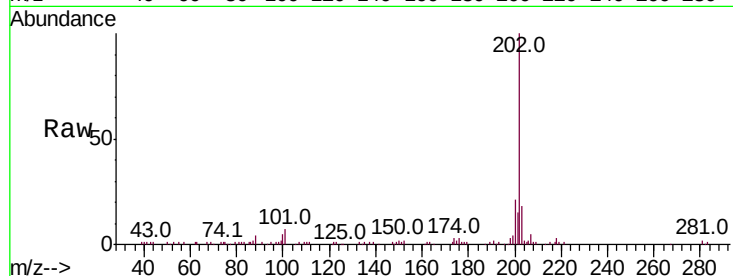
Tot Ion:202 Resp: 58897

Ion Ratio Lower Upper

202 100

101 6.6 6.7 10.1#

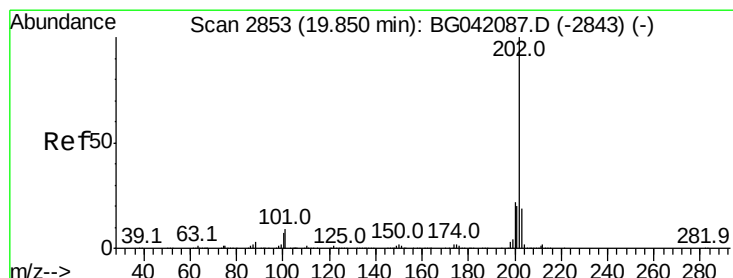
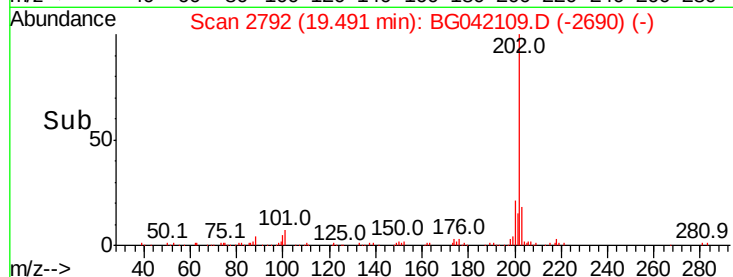
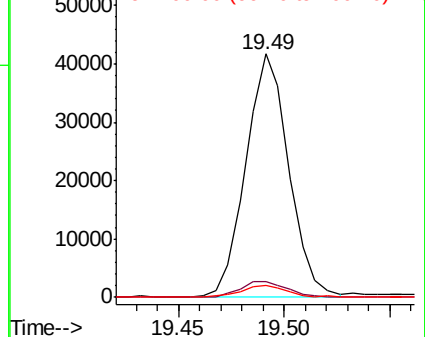
100 4.9 5.3 7.9#



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



#79

Pyrene

Concen: 2.418 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

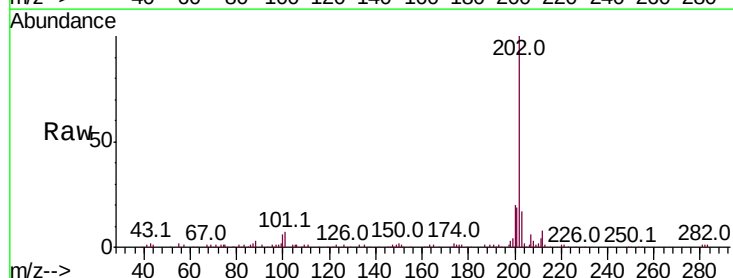
Tgt Ion:202 Resp: 72844

Ion Ratio Lower Upper

202 100

101 6.7 7.6 11.4#

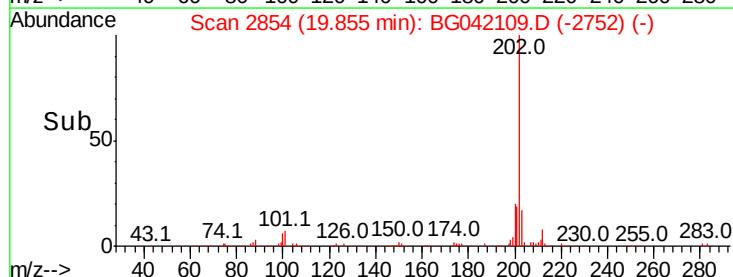
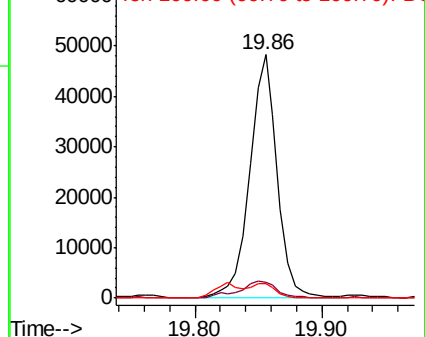
100 6.1 6.5 9.7#

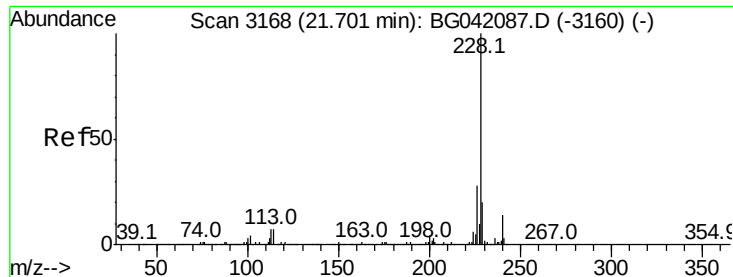


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.456 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG042109.D

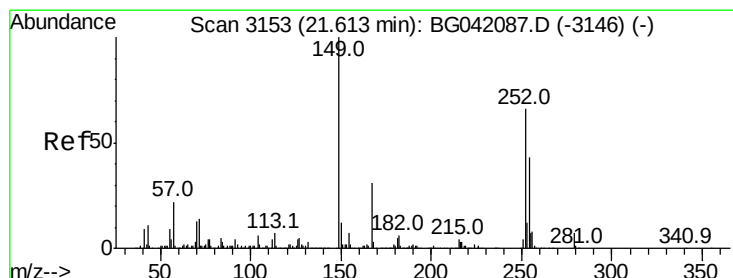
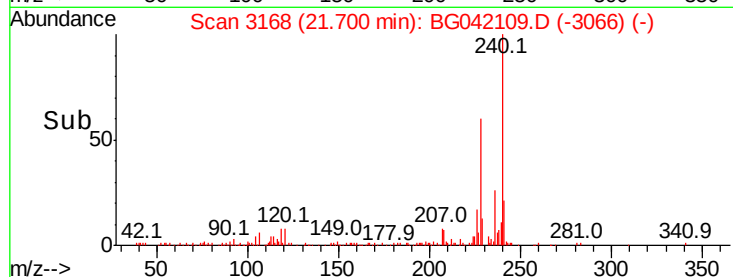
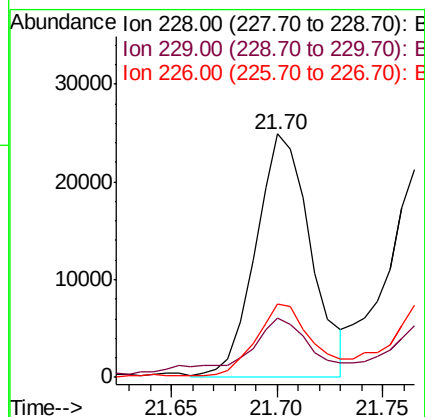
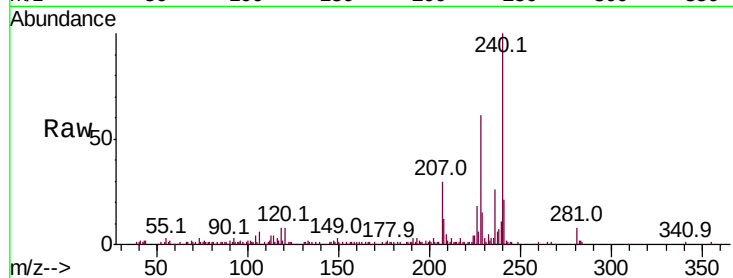
Acq: 9 Aug 2019 19:31

Instrument :

BNA_G

ClientSampleId :

Tot	Ion:228	Resp:	45235
Ion	Ratio	Lower	Upper
228	100		
229	24.3	17.0	25.6
226	30.0	23.3	34.9



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.413 ng/ul

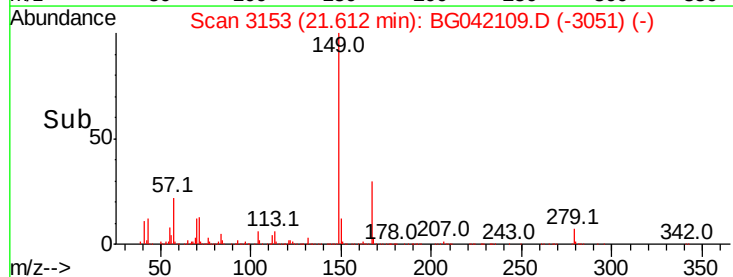
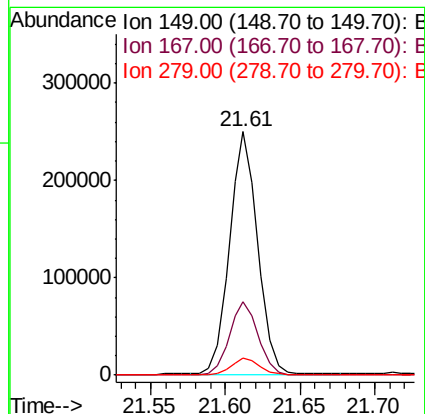
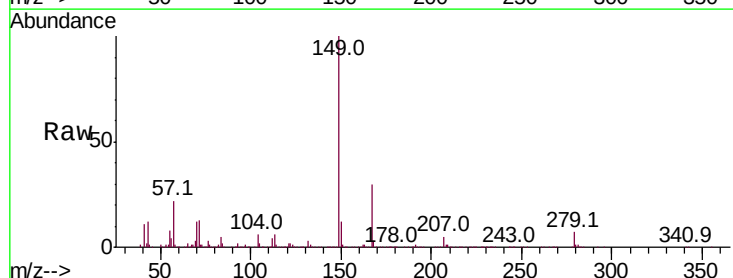
RT: 21.61 min Scan# 3153

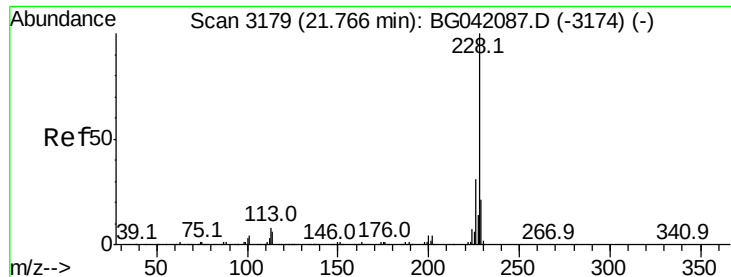
Delta R.T. -0.00 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

Tgt	Ion:149	Resp:	330327
Ion	Ratio	Lower	Upper
149	100		
167	30.1	25.0	37.4
279	7.1	5.2	7.8





#84

Chrysene

Concen: 1.509 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

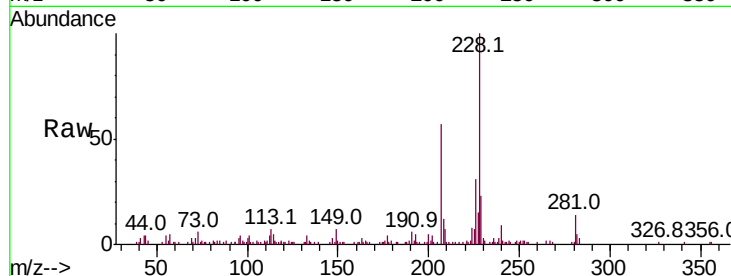
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 43745

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	22.6	16.6	24.8

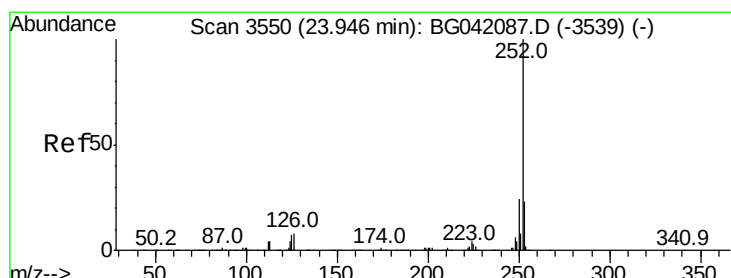
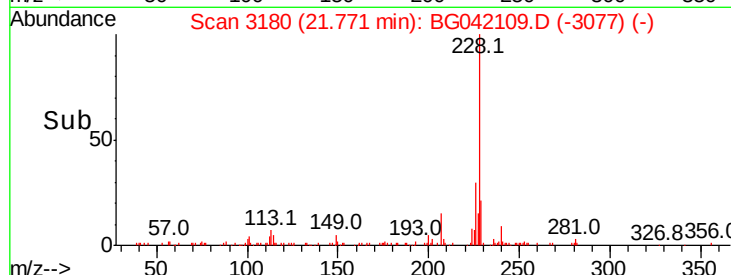
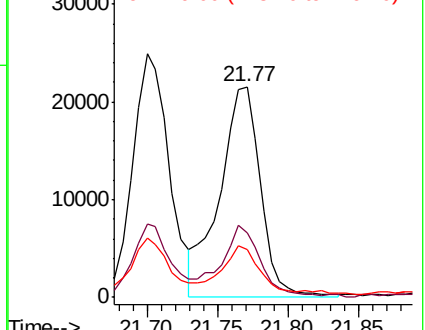


Abundance

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: 1.451 ng/ul

RT: 23.96 min Scan# 3552

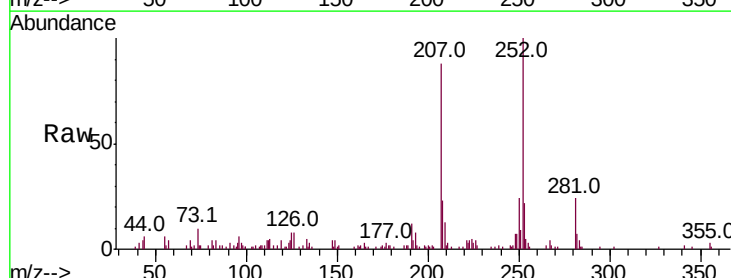
Delta R.T. 0.01 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

Tgt Ion:252 Resp: 47514

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	8.2	5.8	8.8

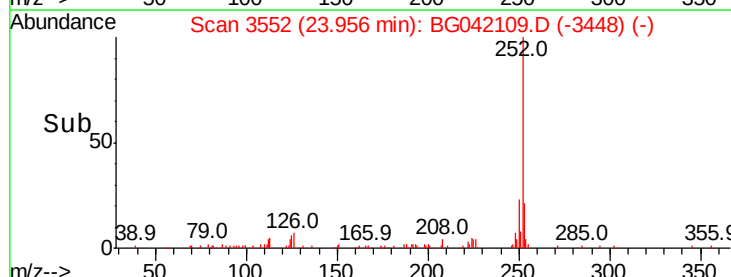
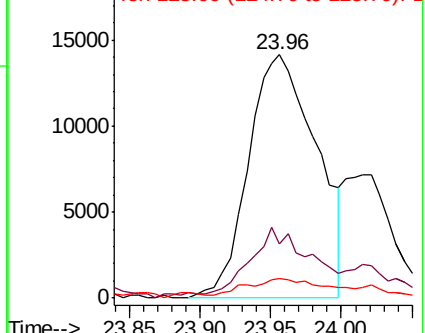


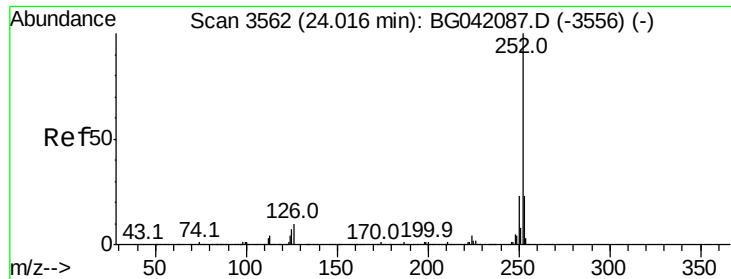
Abundance

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: 1.509 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. -0.06 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

Instrument :

BNA_G

ClientSampleId :

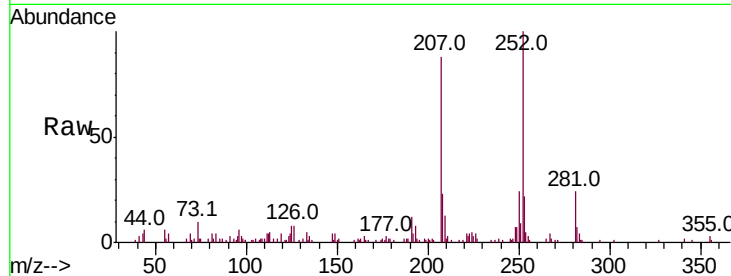
Tot Ion:252 Resp: 47514

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

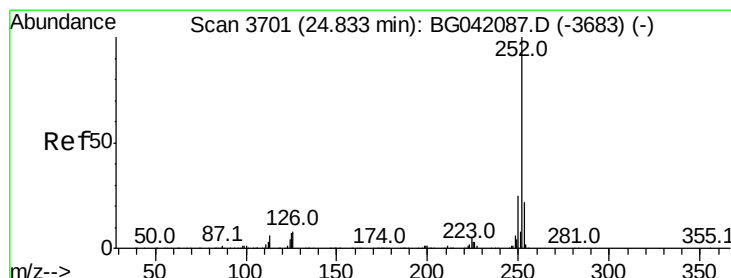
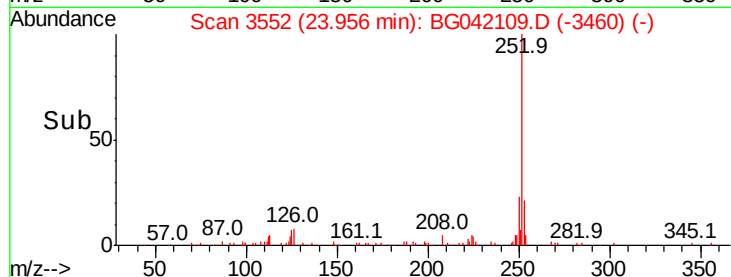
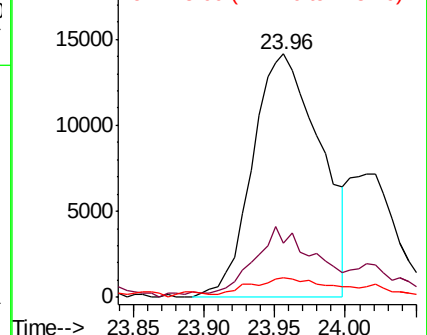
125 8.2 5.5 8.3



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: 1.271 ng/ul

RT: 24.83 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

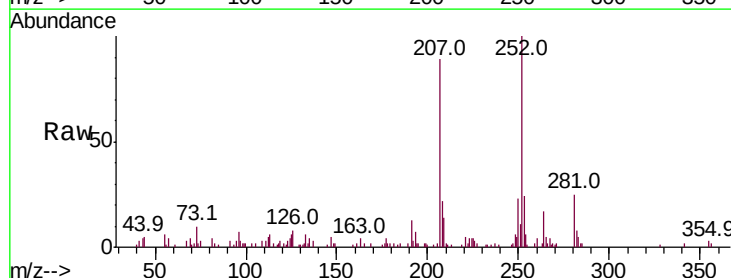
Tgt Ion:252 Resp: 39668

Ion Ratio Lower Upper

252 100

253 24.4 18.3 27.5

125 5.9 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

