

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 :
 BENX2

Quant Time: Aug 10 04:11:19 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

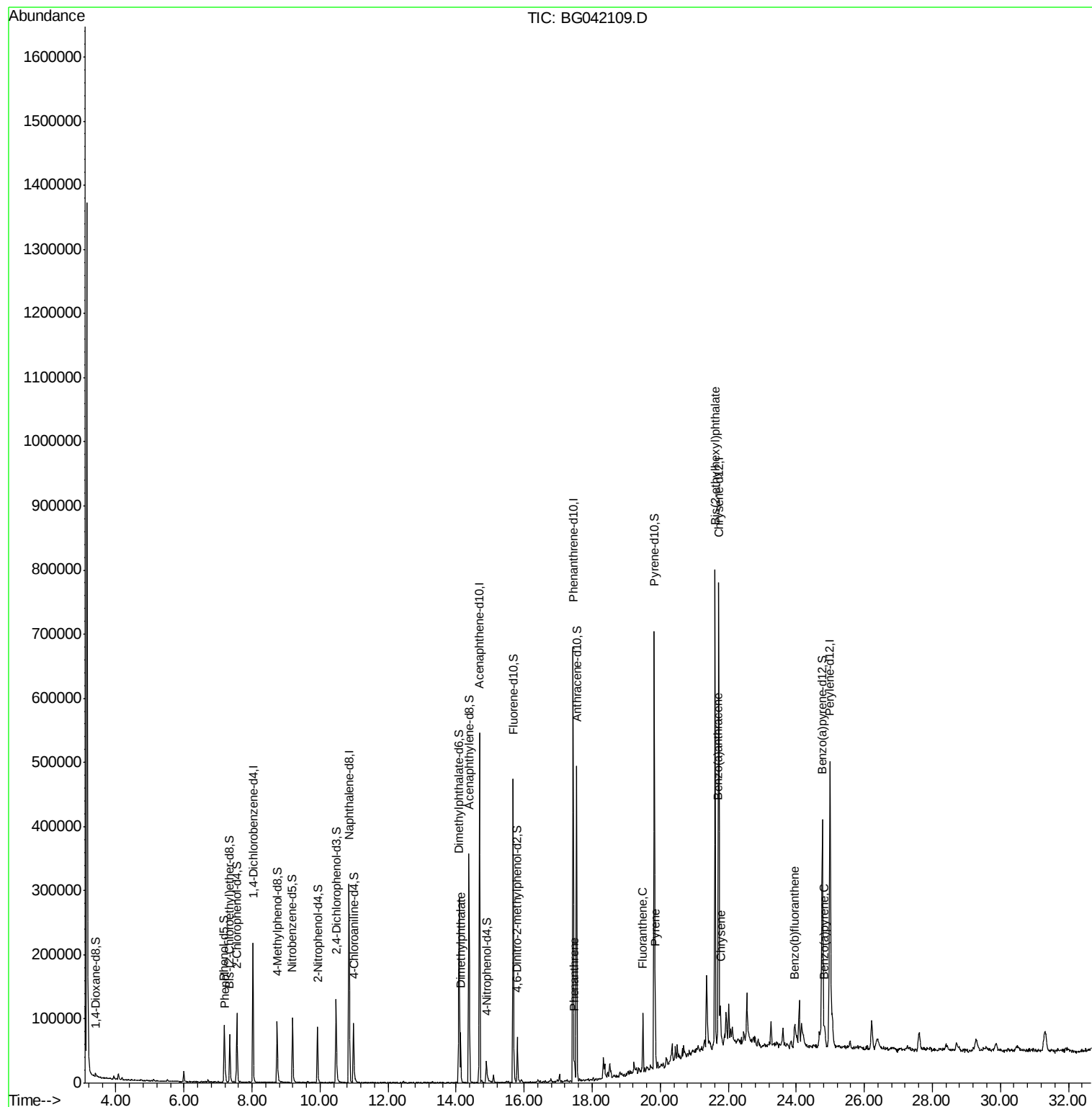
					Ovalue
6) Phenol	7.21	94	10984	1.881 ng/ul	94
44) Dimethylphthalate	14.13	163	57337	3.481 ng/ul	98
69) Phenanthrene	17.48	178	26013	1.049 ng/ul	98
76) Fluoranthene	19.49	202	58897	2.056 ng/ul#	95
79) Pyrene	19.86	202	72844	2.418 ng/ul#	93
82) Benzo(a)anthracene	21.70	228	45235	1.456 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	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
90) Benzo(a)pyrene	24.83	252	39668	1.271 ng/ul#	96

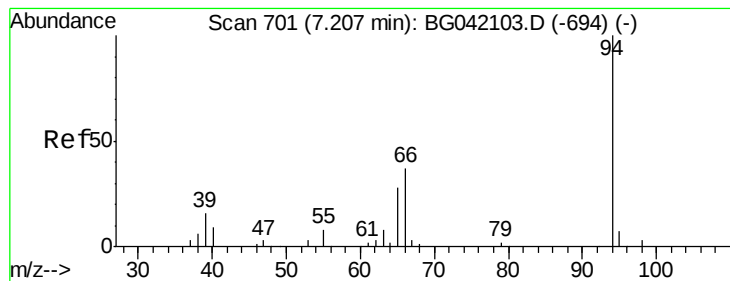
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :
BENX2

Quant Time: Aug 10 04:11:19 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: 1.881 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 :

BENX2

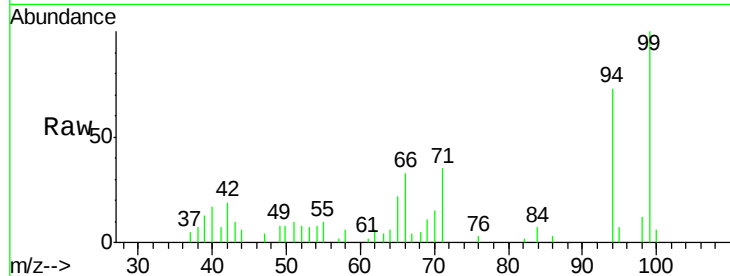
Tot Ion: 94 Resp: 10984

Ion Ratio Lower Upper

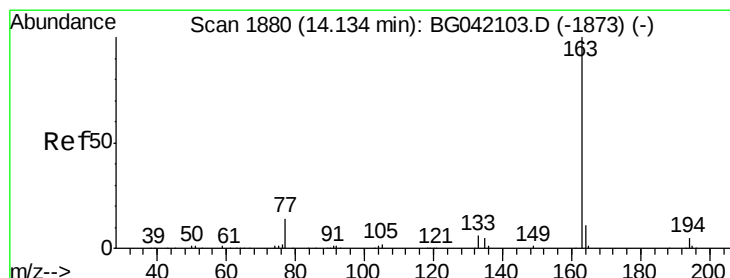
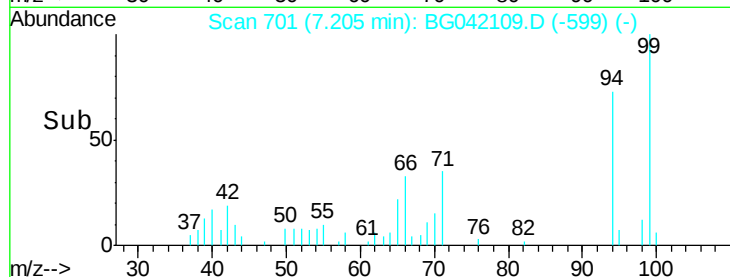
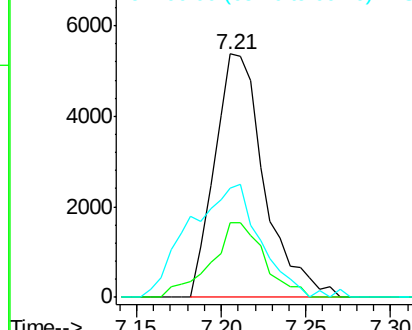
94 100

65 30.5 25.8 38.6

66 44.9 31.8 47.8



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: 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

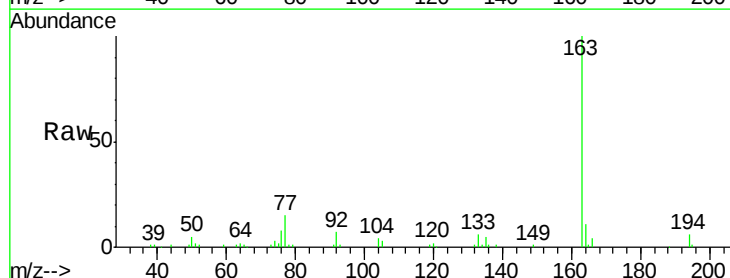
Tgt Ion:163 Resp: 57337

Ion Ratio Lower Upper

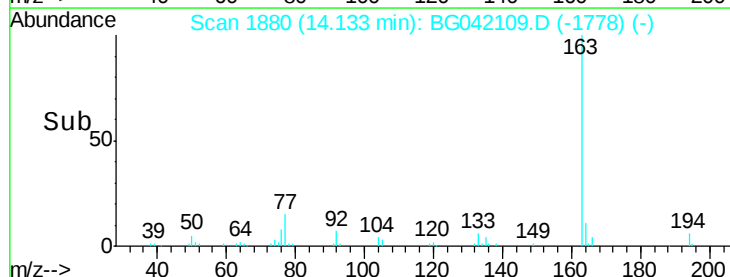
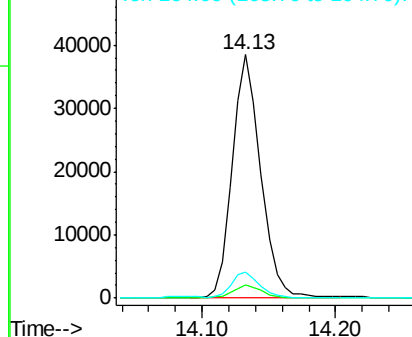
163 100

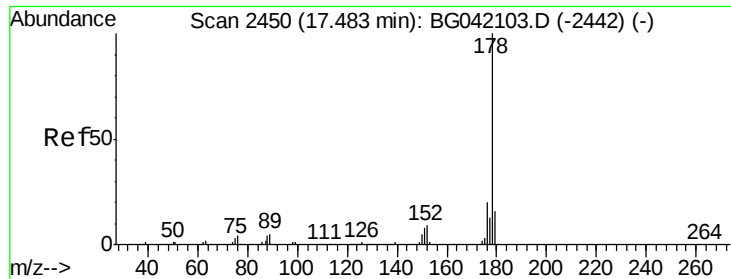
194 5.6 4.2 6.2

164 10.7 7.8 11.8



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: 1.049 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG042109.D

Acq: 9 Aug 2019 19:31

Instrument :

BNA_G

ClientSampleId :

BENX2

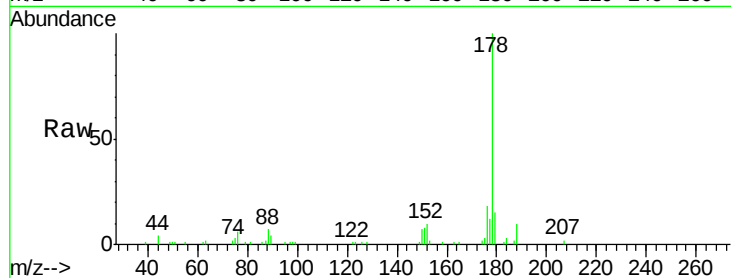
Tot Ion:178 Resp: 26013

Ion Ratio Lower Upper

178 100

179 15.2 12.8 19.2

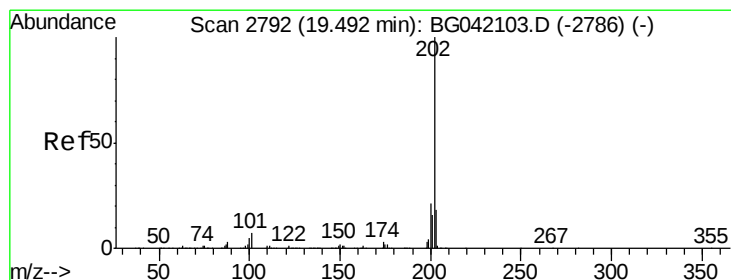
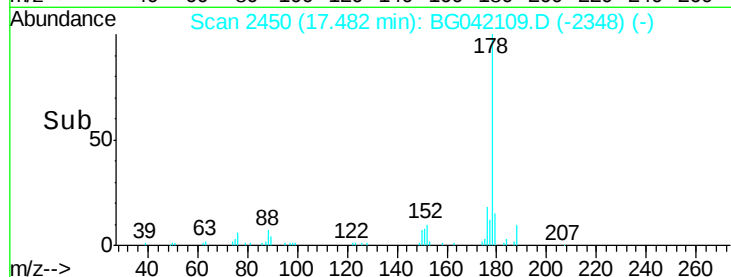
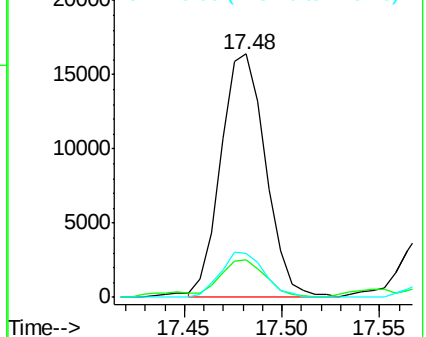
176 18.1 15.4 23.2



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

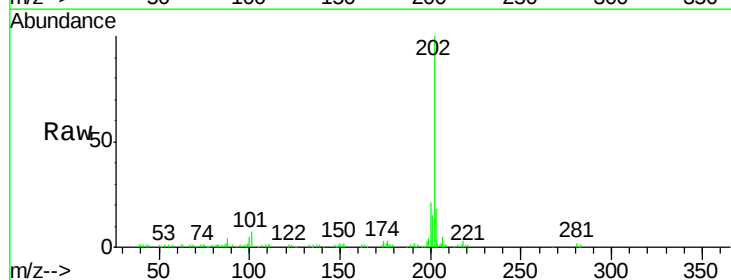
Tgt Ion:202 Resp: 58897

Ion Ratio Lower Upper

202 100

101 6.6 6.7 10.1#

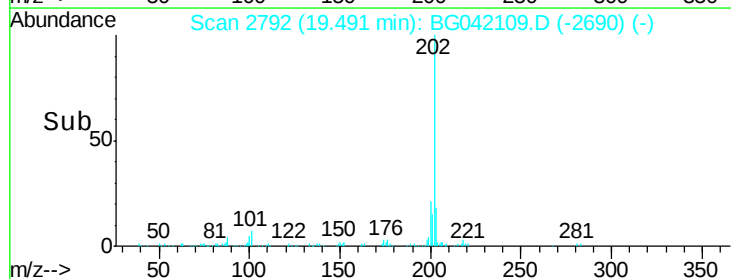
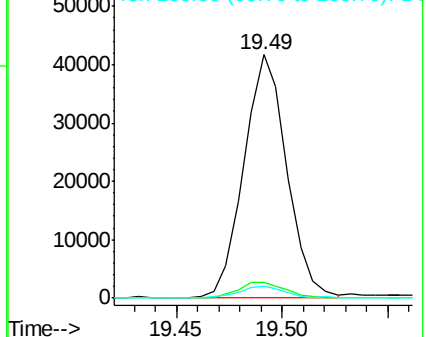
100 4.9 5.3 7.9#

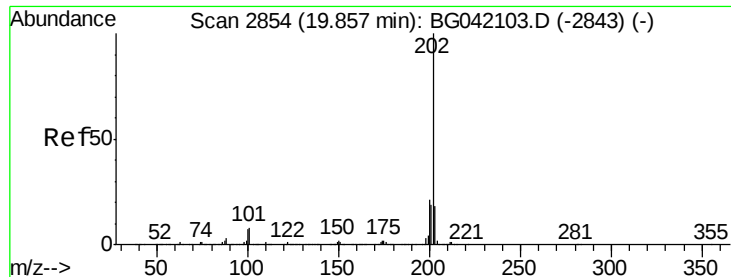


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

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

Instrument :

BNA_G

ClientSampleId :

BENX2

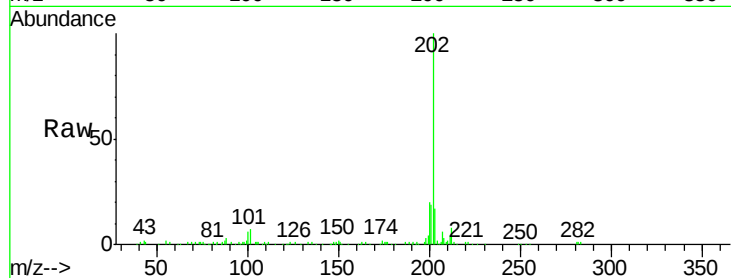
Tot Ion:202 Resp: 72844

Ion Ratio Lower Upper

202 100

101 6.7 7.6 11.4#

100 6.1 6.5 9.7#

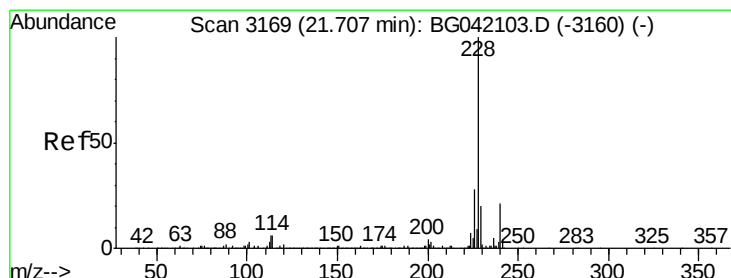
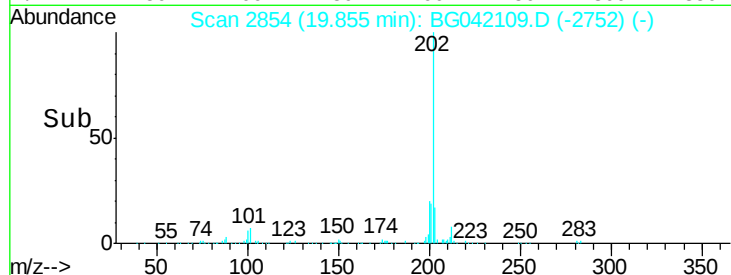


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#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

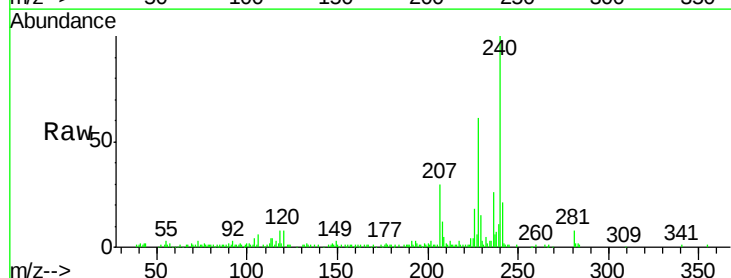
Tgt Ion:228 Resp: 45235

Ion Ratio Lower Upper

228 100

229 24.3 17.0 25.6

226 30.0 23.3 34.9

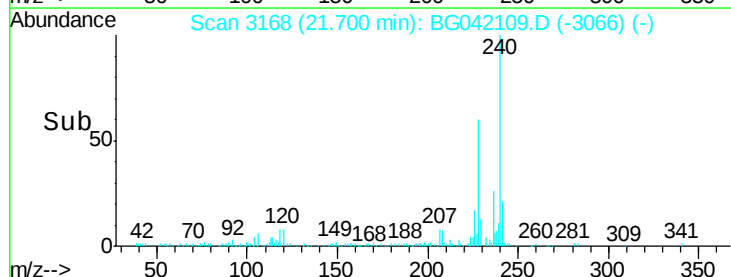


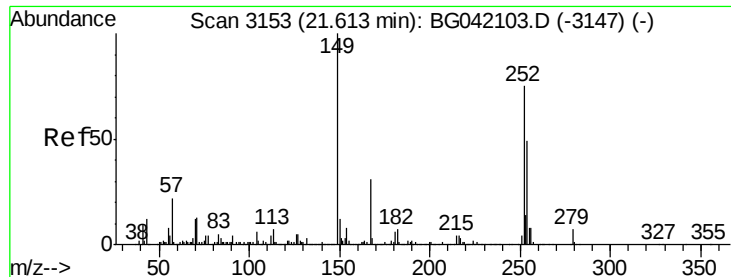
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->

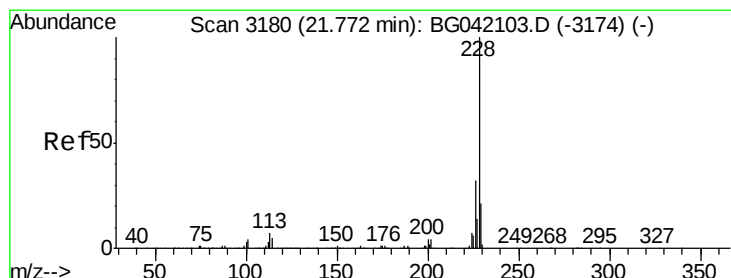
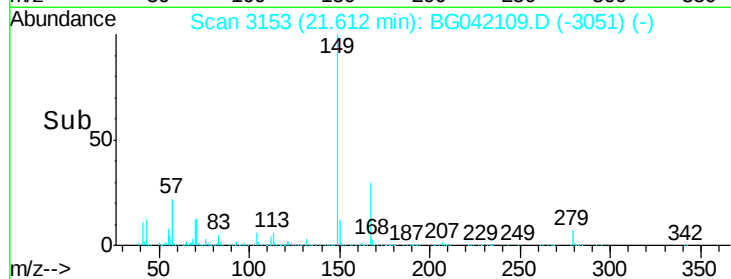
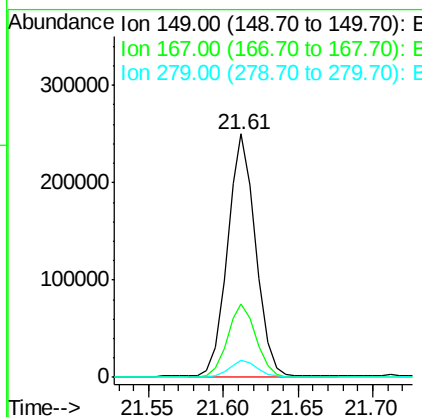
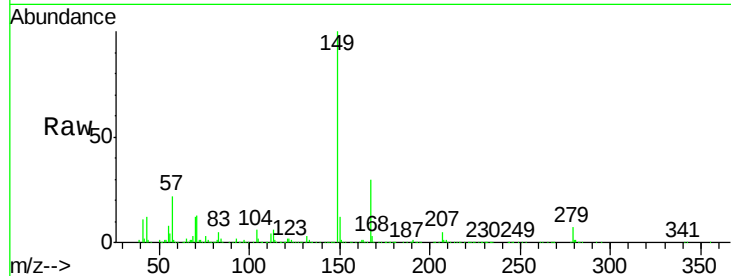




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.413 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG042109.D
 Acq: 9 Aug 2019 19:31

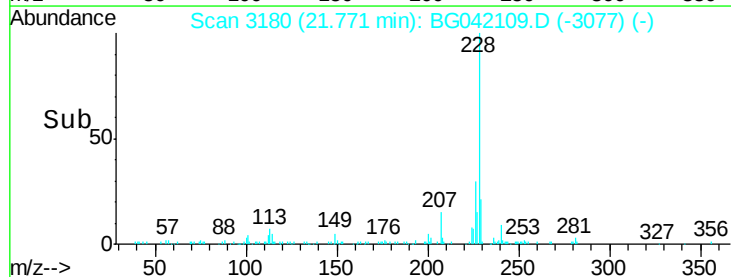
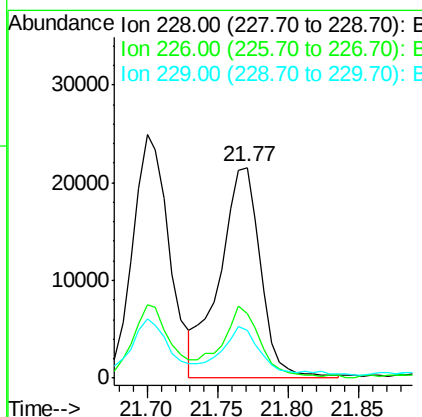
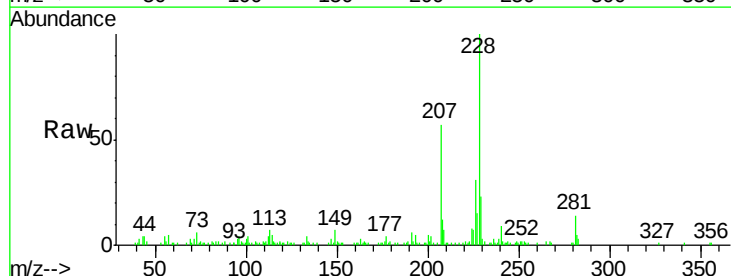
Instrument :
 BNA_G
 ClientSampleId :
 BENX2

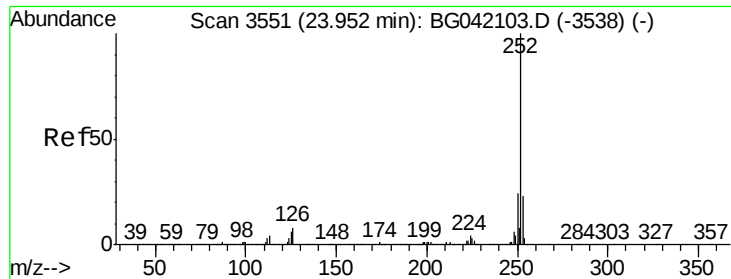
Tot Ion:149 Resp: 330327
 Ion Ratio Lower Upper
 149 100
 167 30.1 25.0 37.4
 279 7.1 5.2 7.8



#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

Tgt Ion:228 Resp: 43745
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.7 38.5
 229 22.6 16.6 24.8





#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

Instrument :

BNA_G

ClientSampleId :

BENX2

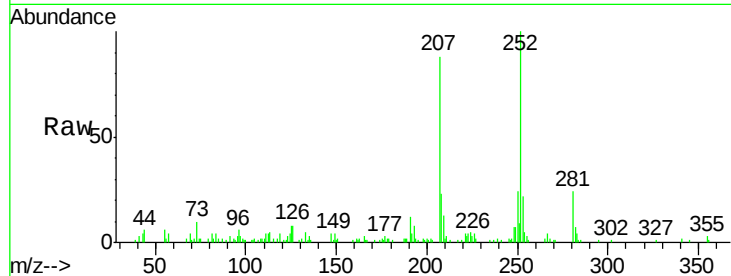
Tot Ion:252 Resp: 47514

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

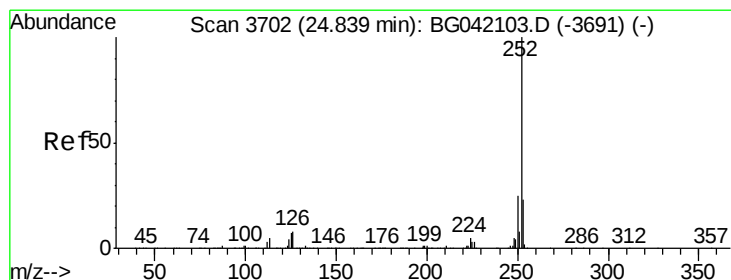
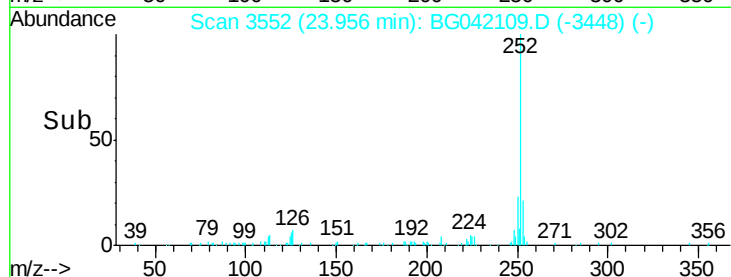
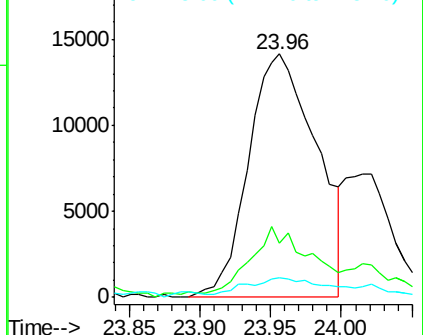
125 8.2 5.8 8.8



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



#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

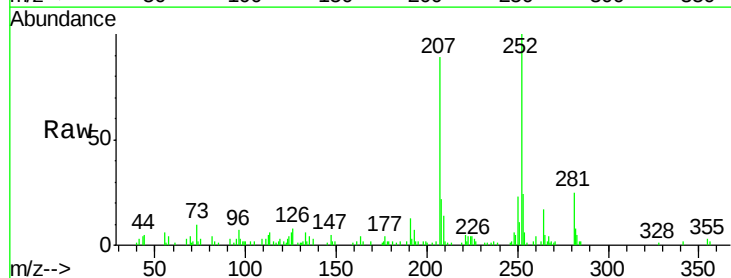
Tgt Ion:252 Resp: 39668

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

