

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042110.D
 Acq On : 9 Aug 2019 20:10
 Operator : HP/JU
 Sample : K4041-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 10 02:31:17 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	73455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	309595	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	218378	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	459703	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	458140	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	525909	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4113	2.45	ng/uL	0.00
5) Phenol-d5	7.18	99	90936	15.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	50933	15.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	90554	18.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	83030	17.16	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	45199	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	55830	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	103219	18.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	115110	18.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	351243	20.74	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	399144	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	27414	9.64	ng/ul	0.00
57) Fluorene-d10	15.68	176	312055	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	42518	14.42	ng/ul	0.00
70) Anthracene-d10	17.54	188	490018	22.22	ng/ul	0.00
78) Pyrene-d10	19.83	212	561501	21.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	630546	22.95	ng/ul	0.00

Target Compounds

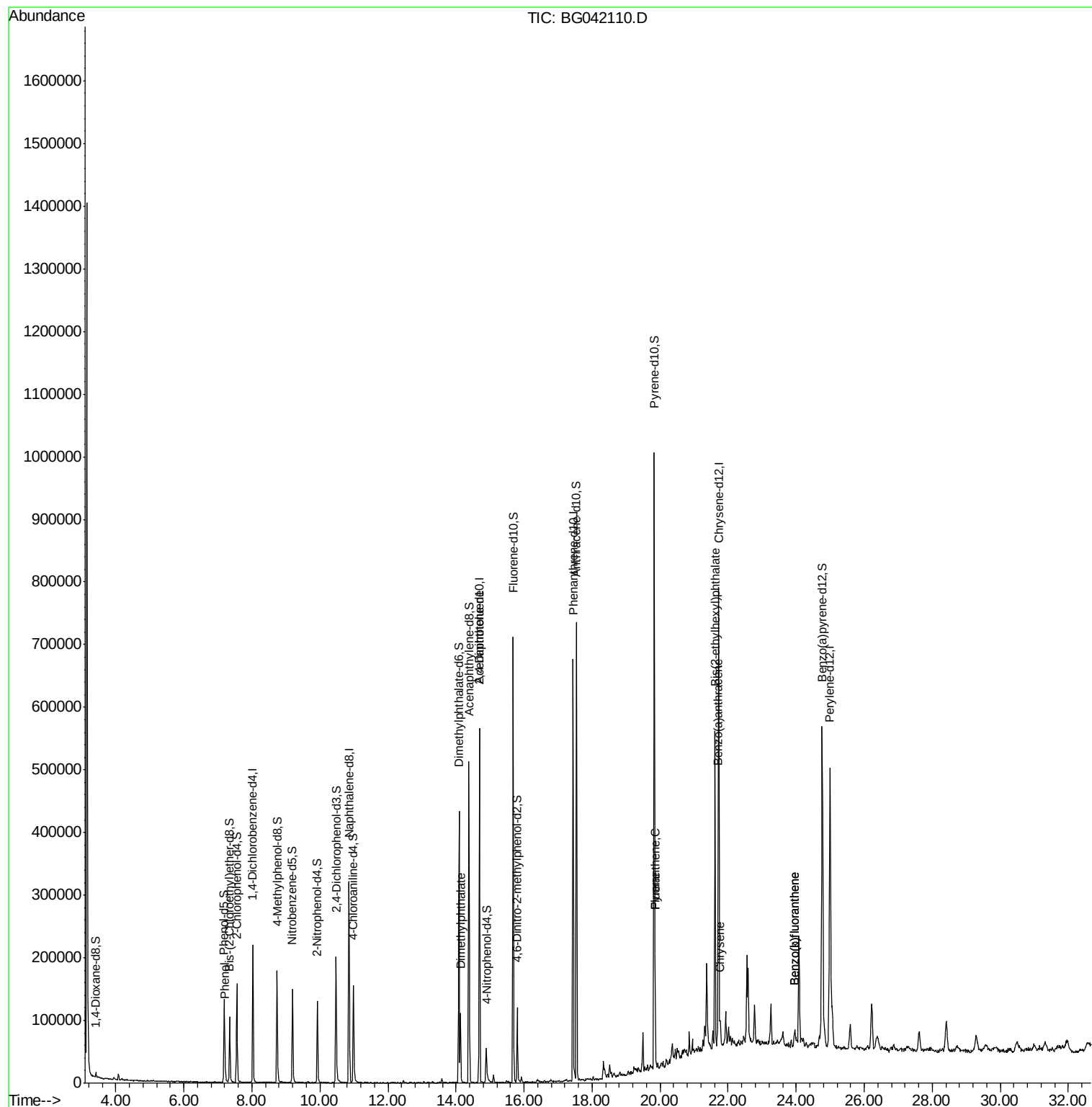
					Ovalue
6) Phenol	7.21	94	16930	2.845	ng/ul 96
44) Dimethylphthalate	14.13	163	82976	4.934	ng/ul 99
54) 2,4-Dinitrotoluene	14.69	165	28620	5.381	ng/ul# 45
76) Fluoranthene	19.85	202	52843	1.817	ng/ul 98
79) Pyrene	19.85	202	52046	1.689	ng/ul 96
82) Benzo(a)anthracene	21.70	228	32187	1.013	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.61	149	242388	14.646	ng/ul 99
84) Chrysene	21.77	228	31515	1.063	ng/ul 94
87) Benzo(b)fluoranthene	23.96	252	35800	1.085	ng/ul 96
88) Benzo(k)fluoranthene	23.96	252	35800	1.128	ng/ul 96

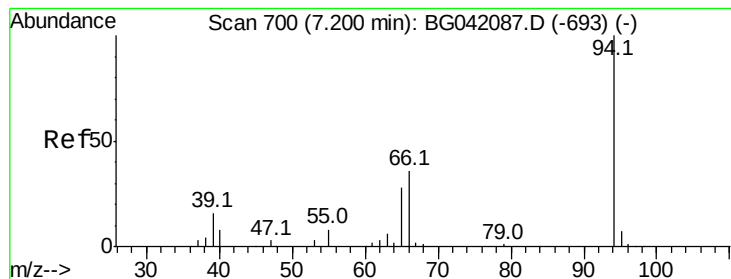
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.845 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Instrument :

BNA_G

ClientSampleId :

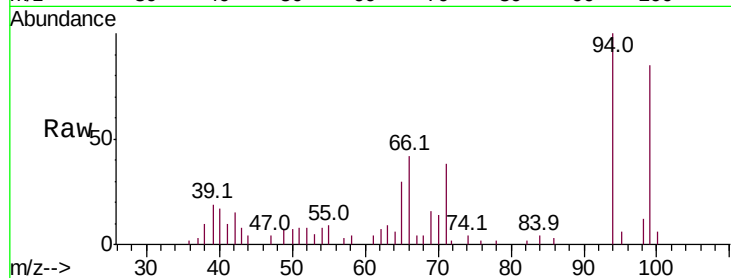
Tot Ion: 94 Resp: 16930

Ion Ratio Lower Upper

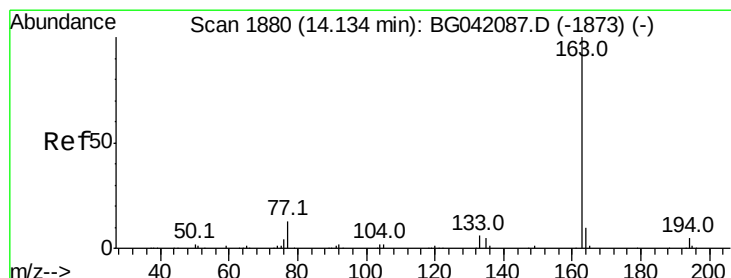
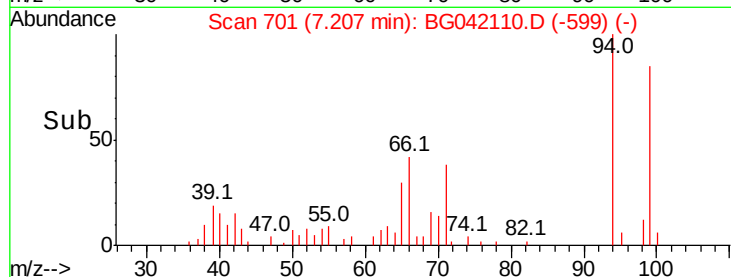
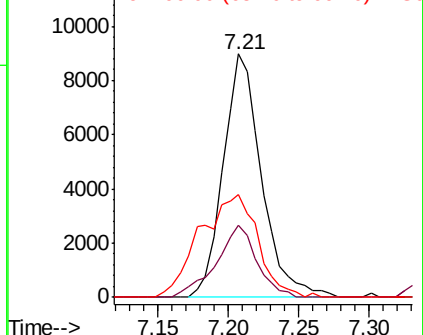
94 100

65 29.8 25.8 38.6

66 42.4 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: 4.934 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

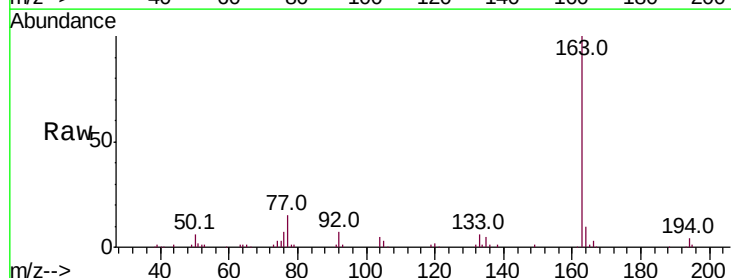
Tgt Ion:163 Resp: 82976

Ion Ratio Lower Upper

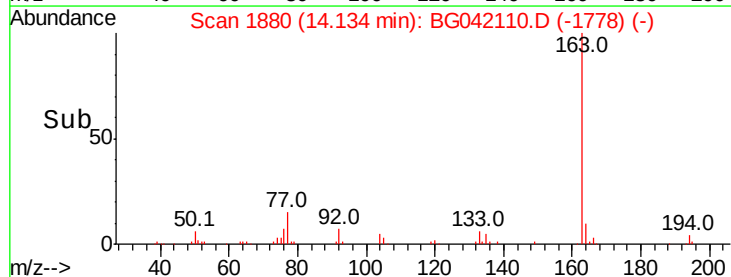
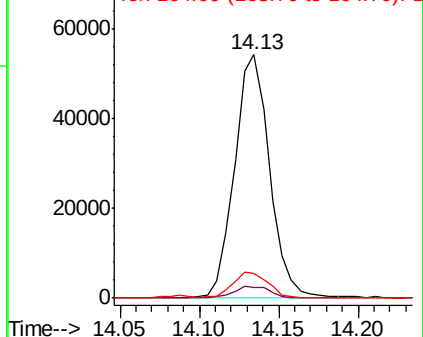
163 100

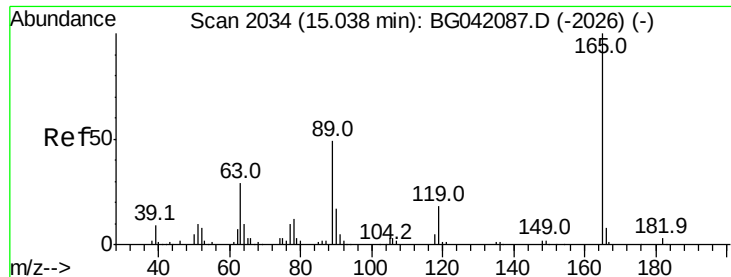
194 4.5 4.2 6.2

164 10.2 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





#54

2,4-Dinitrotoluene

Concen: 5.381 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.36 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Instrument :

BNA_G

ClientSampled :

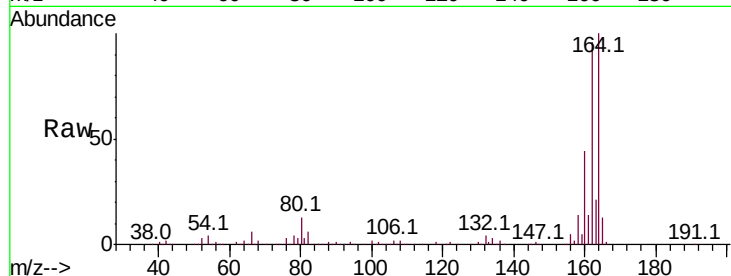
Tot Ion:165 Resp: 28620

Ion Ratio Lower Upper

165 100

63 1.5 29.4 44.2#

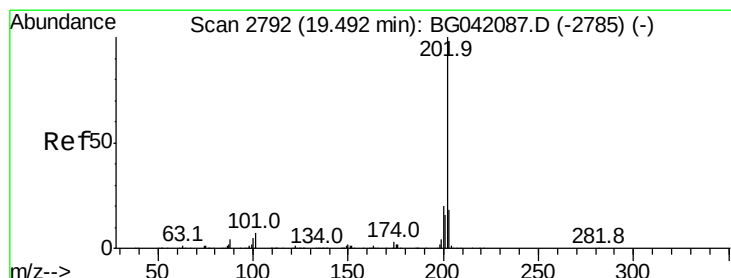
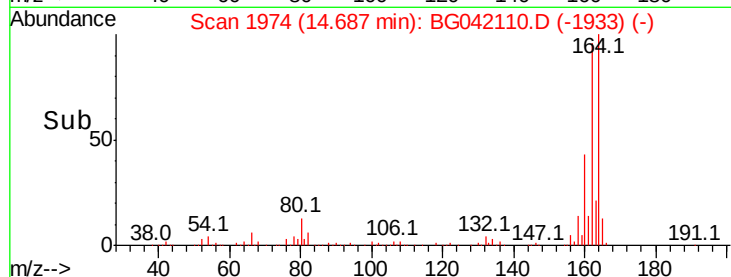
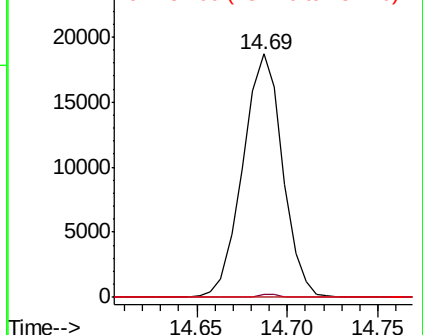
182 0.0 2.6 4.0#



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



#76

Fluoranthene

Concen: 1.817 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

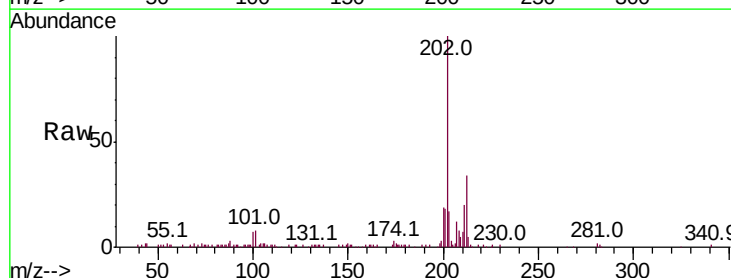
Tgt Ion:202 Resp: 52843

Ion Ratio Lower Upper

202 100

101 7.8 6.7 10.1

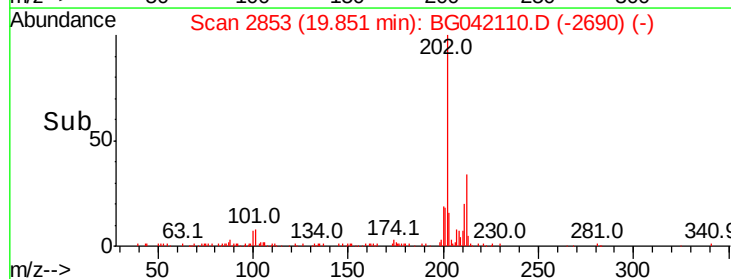
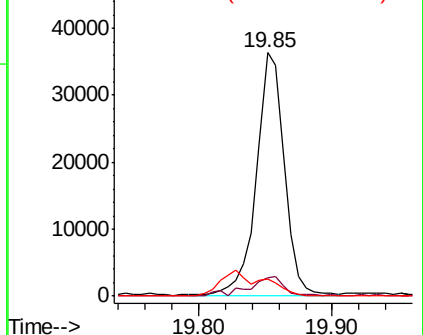
100 7.1 5.3 7.9

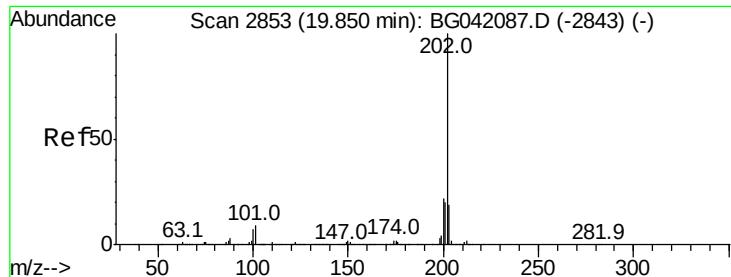


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BG





#79

Pvrene

Concen: 1.689 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Instrument :

BNA_G

ClientSampleId :

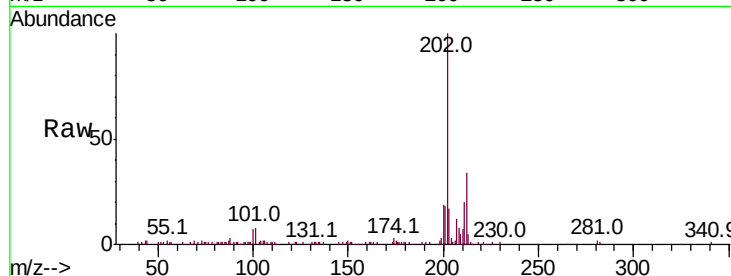
Tot Ion:202 Resp: 52046

Ion Ratio Lower Upper

202 100

101 7.8 7.6 11.4

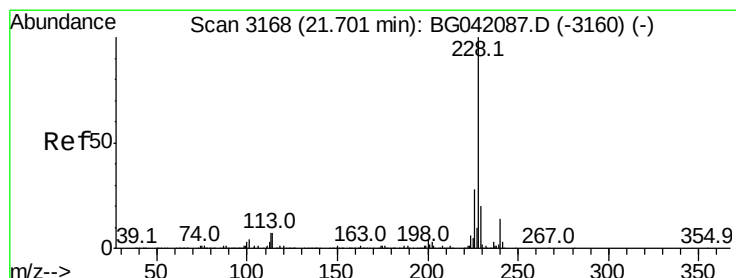
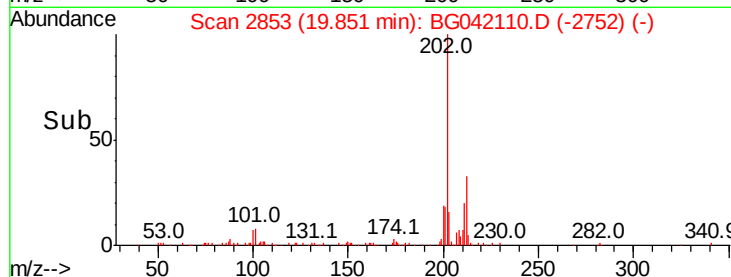
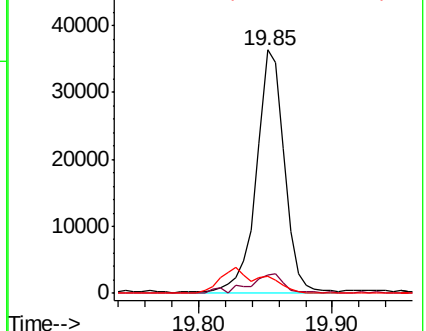
100 7.1 6.5 9.7



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



#82

Benzo(a)anthracene

Concen: 1.013 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

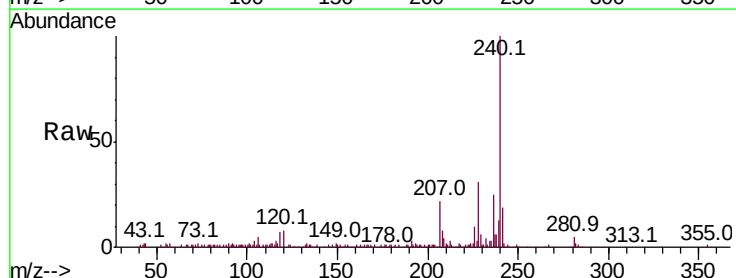
Tgt Ion:228 Resp: 32187

Ion Ratio Lower Upper

228 100

229 20.6 17.0 25.6

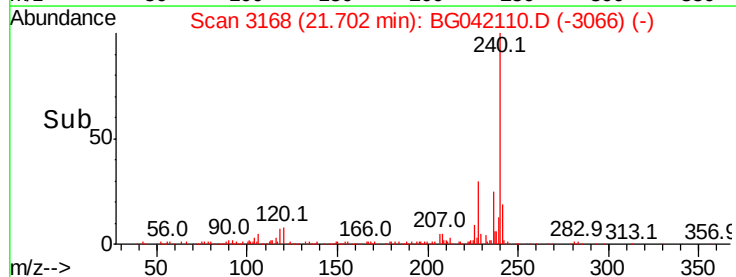
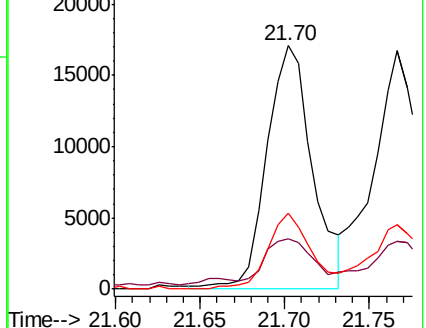
226 31.2 23.3 34.9

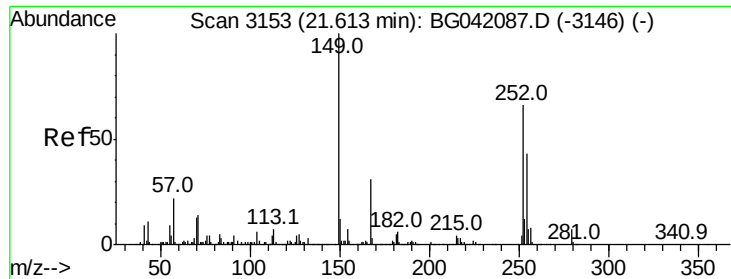


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

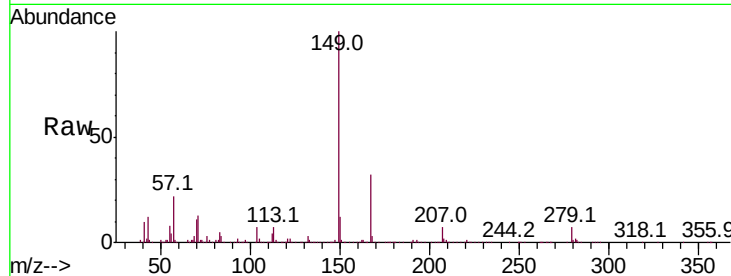




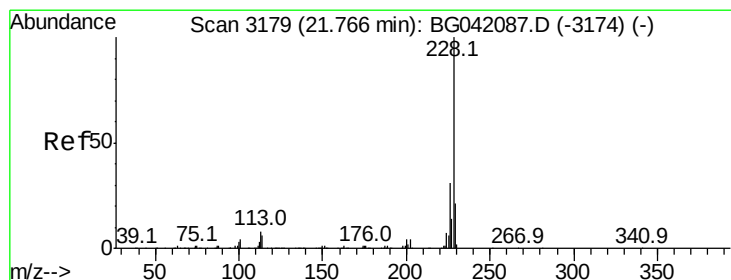
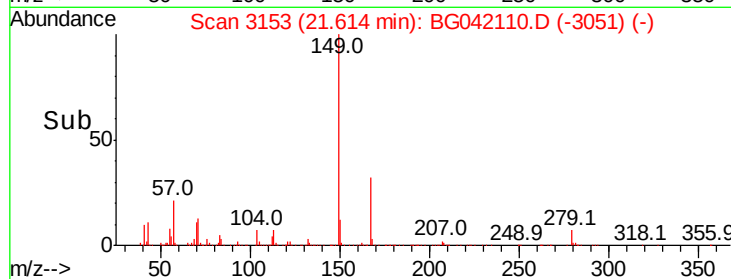
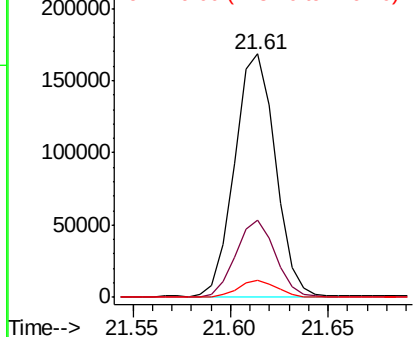
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.646 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042110.D
 Acq: 9 Aug 2019 20:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.5	25.0	37.4
279	7.1	5.2	7.8

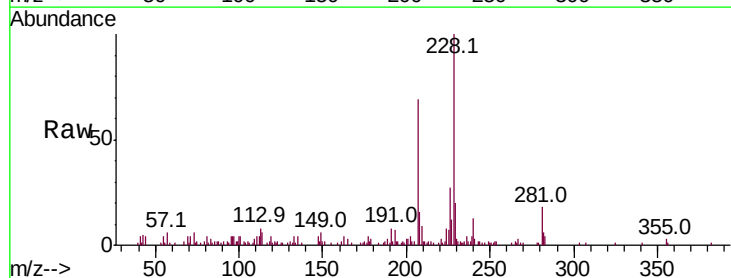


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

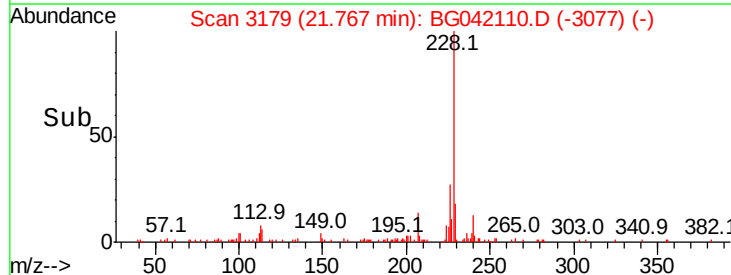
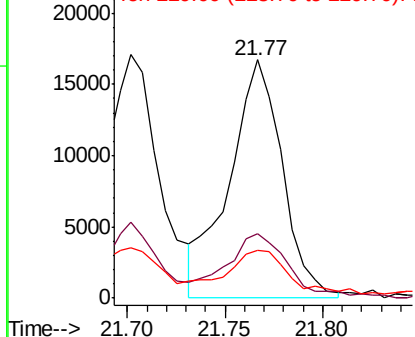


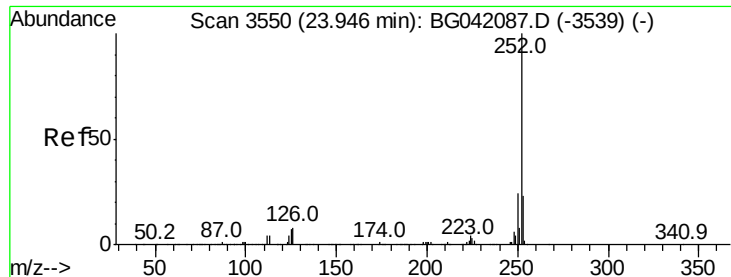
#84
 Chrysene
 Concen: 1.063 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG042110.D
 Acq: 9 Aug 2019 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	25.7	38.5
229	20.1	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

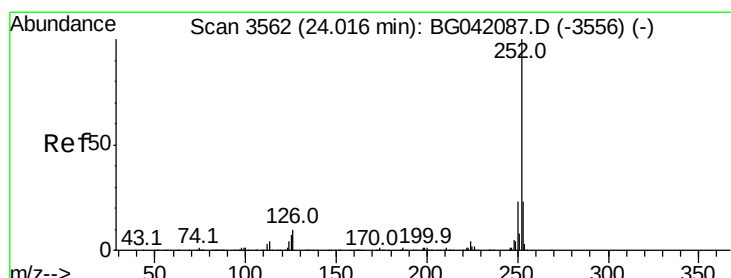
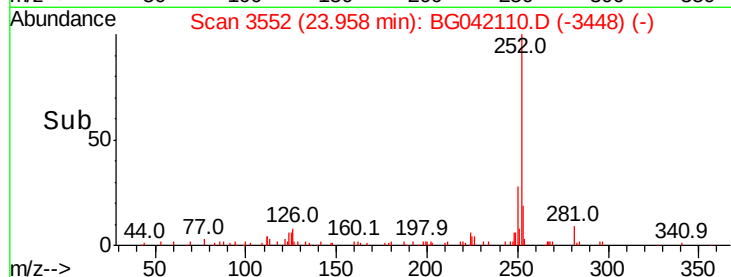
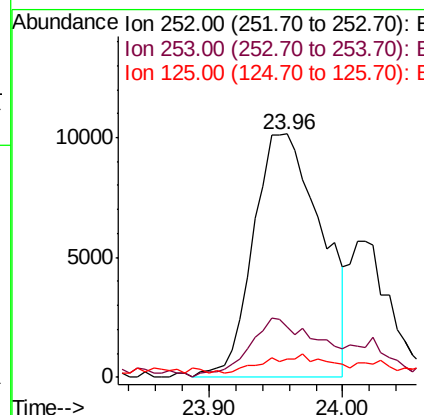
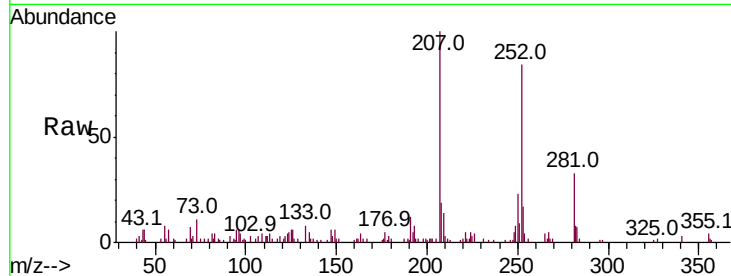




#87
Benzo(b)fluoranthene
Concen: 1.085 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BG042110.D
Acq: 9 Aug 2019 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.4	27.6
125	7.6	5.8	8.8



#88
Benzo(k)fluoranthene
Concen: 1.128 ng/ul
RT: 23.96 min Scan# 3552
Delta R.T. -0.06 min
Lab File: BG042110.D
Acq: 9 Aug 2019 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.3	27.5
125	7.6	5.5	8.3

