

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043113.D
 Acq On : 9 Oct 2019 21:36
 Operator : JU
 Sample : K5175-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 10 00:03:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 15:33:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	230371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	166505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	389652	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	423370	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	495836	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	5182	4.40	ng/uL	0.00
5) Phenol-d5	7.22	99	83179	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	53512	22.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	73813	21.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	53310	14.67	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	39151	24.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	43739	23.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	77252	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	69962	17.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	318006	23.75	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	350914	24.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.90	143	16356	9.21	ng/ul	0.00
57) Fluorene-d10	15.67	176	277253	24.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	48723	19.49	ng/ul	0.00
70) Anthracene-d10	17.52	188	451851	24.55	ng/ul	0.00
78) Pyrene-d10	19.80	212	585168	28.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.68	264	666435	27.20	ng/ul	0.00

Target Compounds

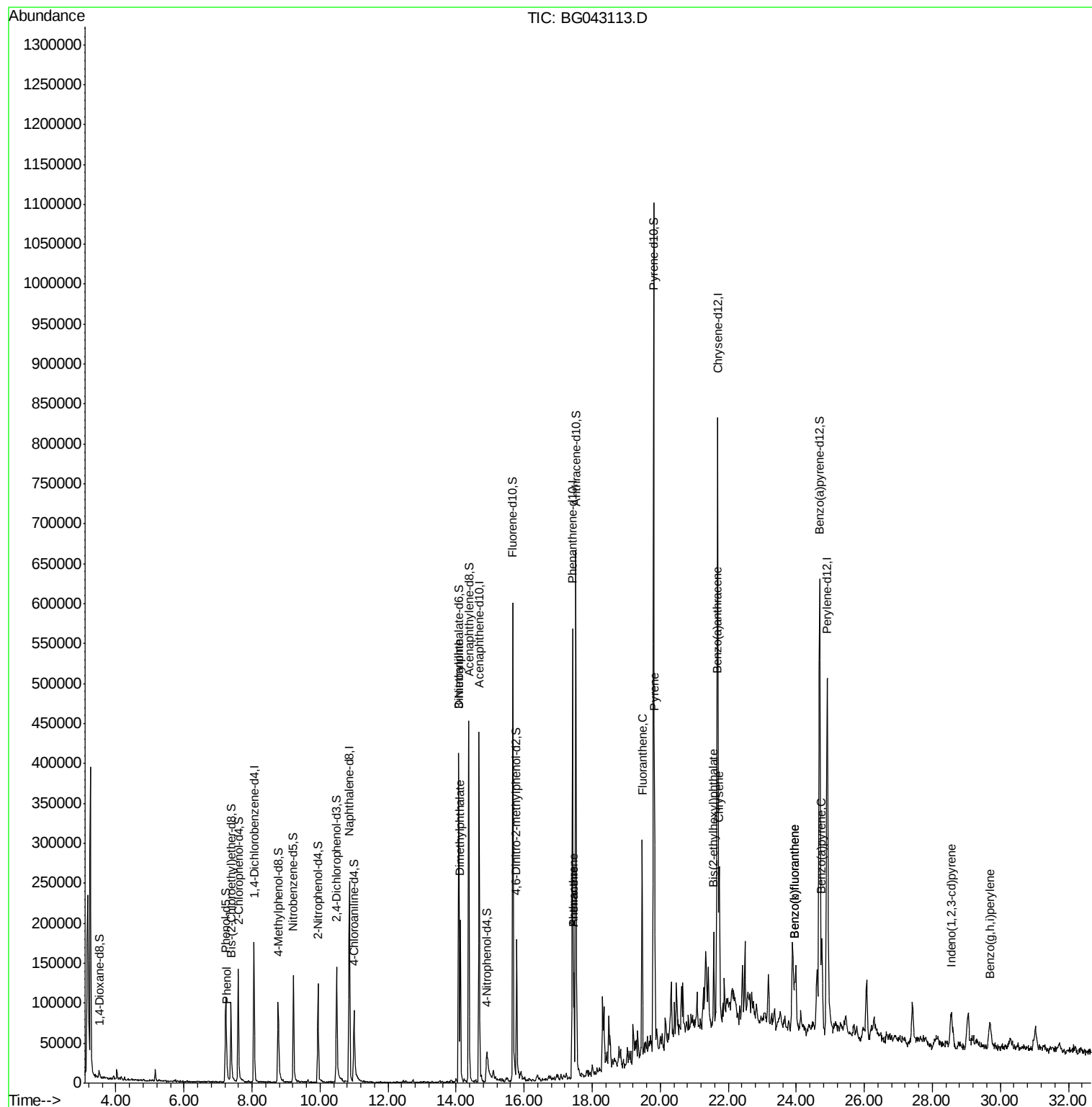
					Ovalue	
6) Phenol	7.26	94	4873	1.133	ng/ul#	80
44) Dimethylphthalate	14.13	163	143949	11.134	ng/ul	98
48) 3-Nitroaniline	14.07	138	18665	8.453	ng/ul#	74
69) Phenanthrene	17.46	178	84335	4.193	ng/ul	99
71) Anthracene	17.46	178	84335	4.052	ng/ul	99
76) Fluoranthene	19.47	202	185737	7.238	ng/ul	99
79) Pyrene	19.83	202	218387	8.387	ng/ul	99
82) Benzo(a)anthracene	21.67	228	141264	4.987	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.58	149	46632	3.316	ng/ul	98
84) Chrysene	21.74	228	152556	5.722	ng/ul	100
87) Benzo(b)fluoranthene	23.94	252	44956	1.523	ng/ul	98
88) Benzo(k)fluoranthene	23.94	252	45001	1.560	ng/ul	94
90) Benzo(a)pyrene	24.75	252	127365	4.510	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	28.56	276	68311	1.995	ng/ul#	97
93) Benzo(g,h,i)perylene	29.70	276	65439	2.255	ng/ul	94

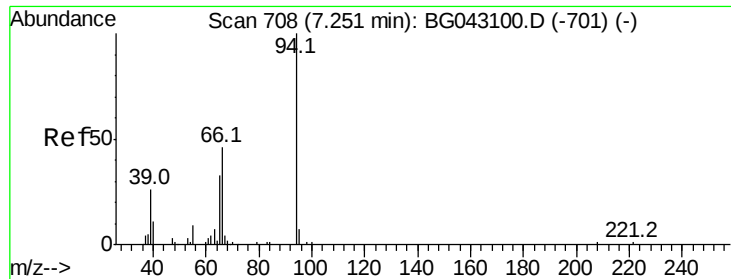
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.133 ng/ul

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

Instrument :

BNA_G

ClientSampled :

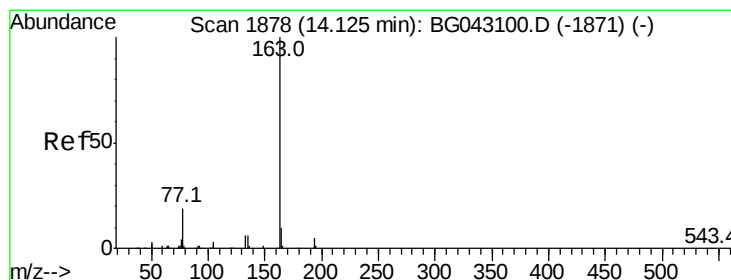
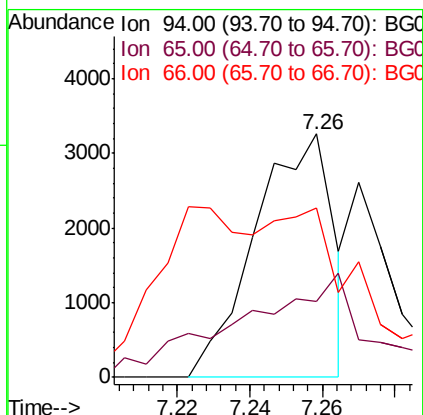
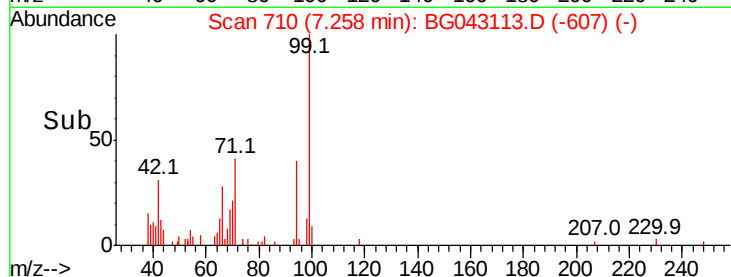
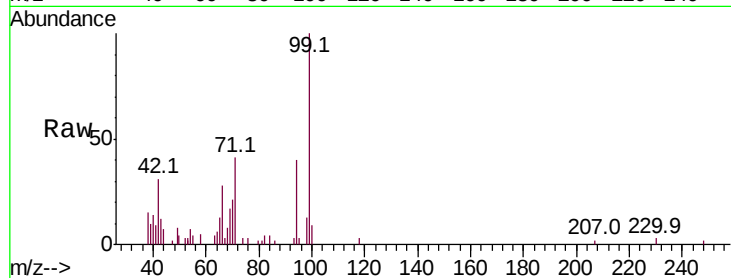
Tot Ion: 94 Resp: 4873

Ion Ratio Lower Upper

94 100

65 31.2 27.2 40.8

66 69.6 38.7 58.1#



#44

Dimethylphthalate

Concen: 11.134 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

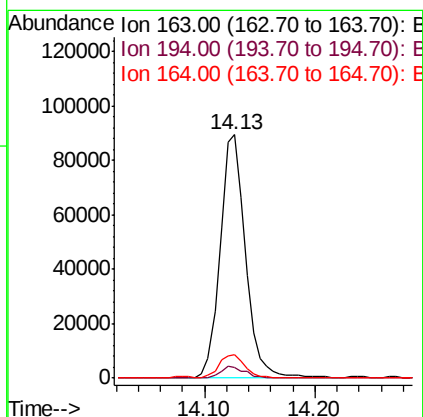
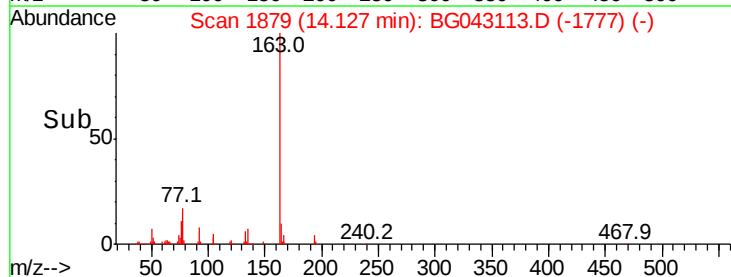
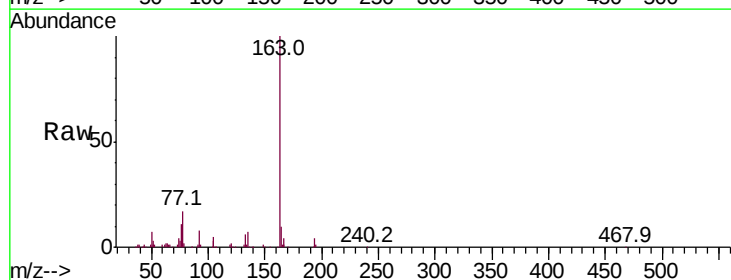
Tgt Ion: 163 Resp: 143949

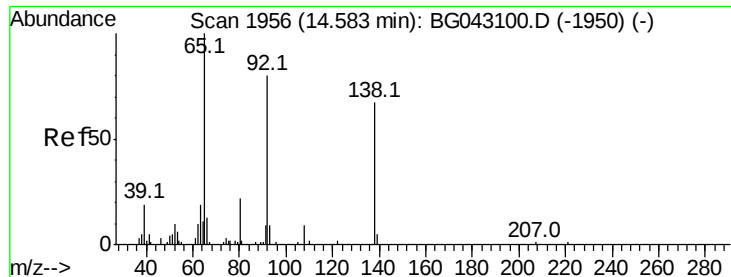
Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 9.6 8.6 12.8

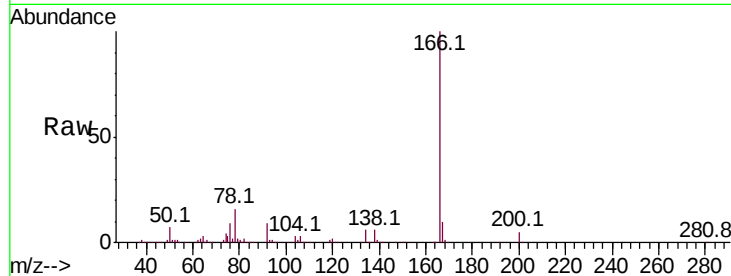




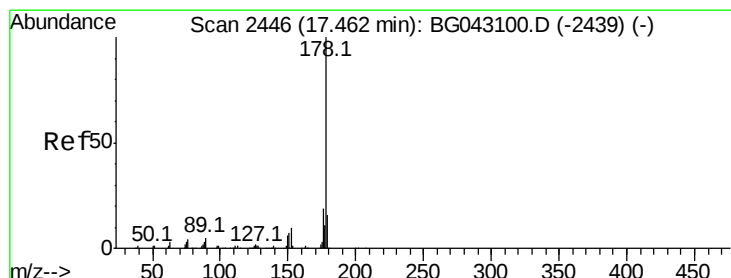
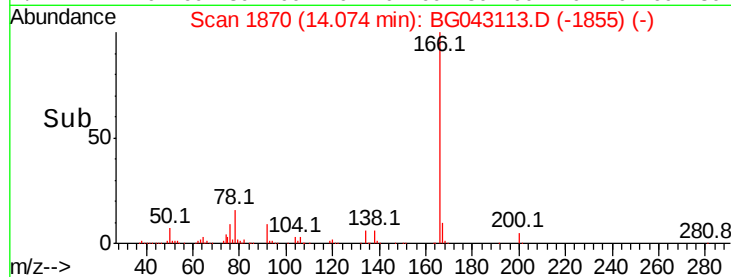
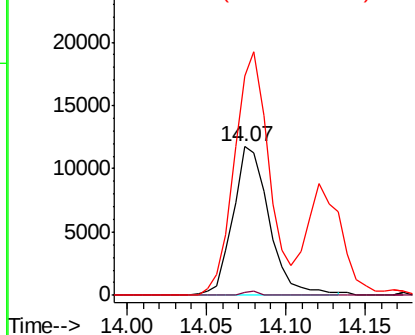
#48
3-Nitroaniline
Concen: 8.453 ng/ul
RT: 14.07 min Scan# 1870
Delta R.T. -0.51 min
Lab File: BG043113.D
Acq: 9 Oct 2019 21:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 18665
Ion Ratio Lower Upper
138 100
108 2.4 10.2 15.4#
92 147.7 95.2 142.8#

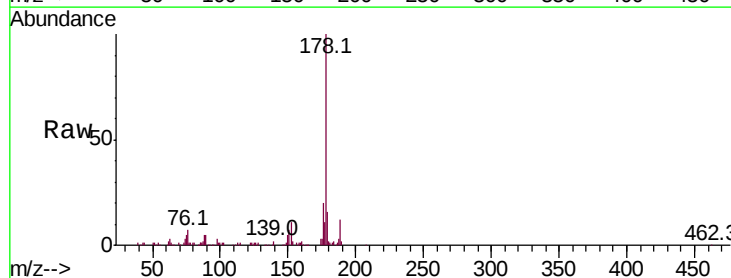


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

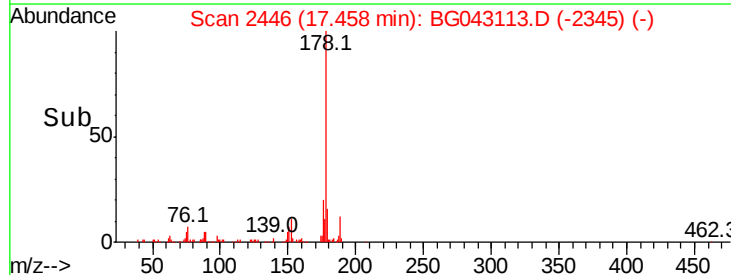
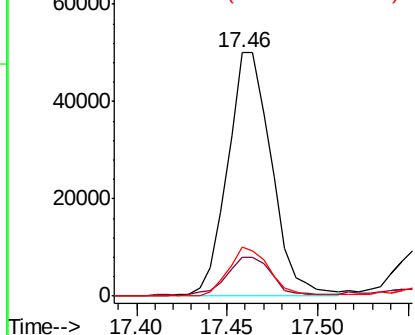


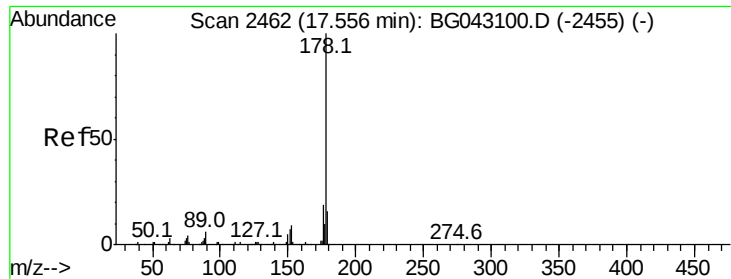
#69
Phenanthrene
Concen: 4.193 ng/ul
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG043113.D
Acq: 9 Oct 2019 21:36

Tgt Ion:178 Resp: 84335
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.9 15.2 22.8



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

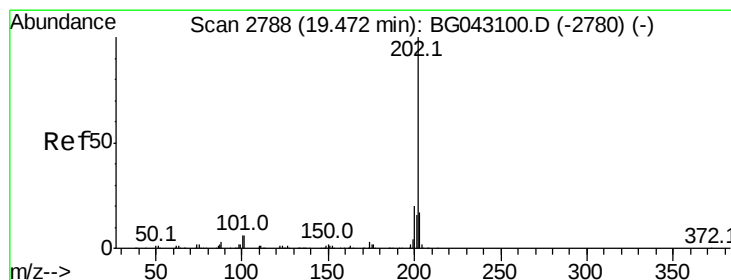
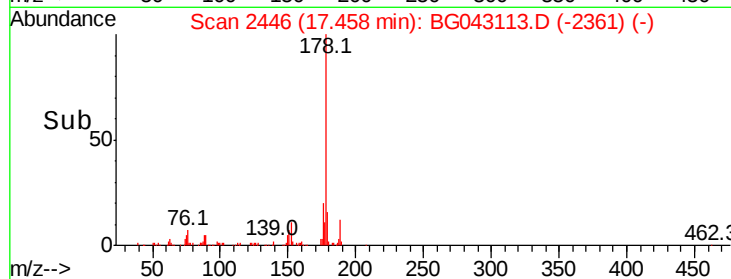
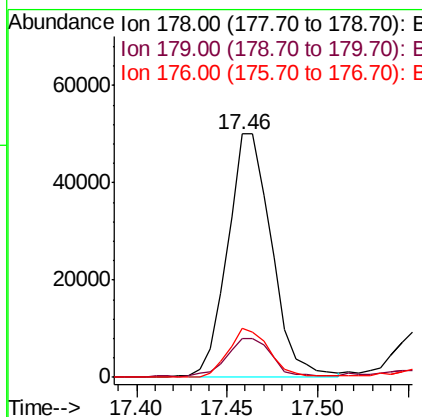
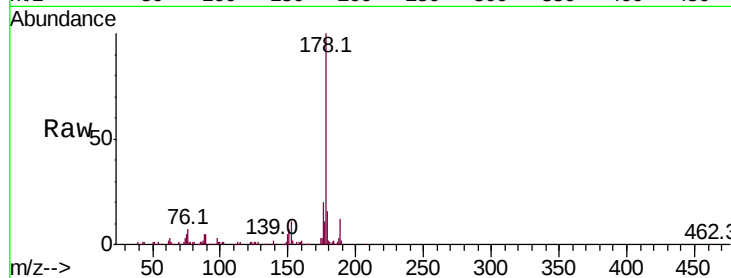




#71
 Anthracene
 Concen: 4.052 ng/ul
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.10 min
 Lab File: BG043113.D
 Acq: 9 Oct 2019 21:36

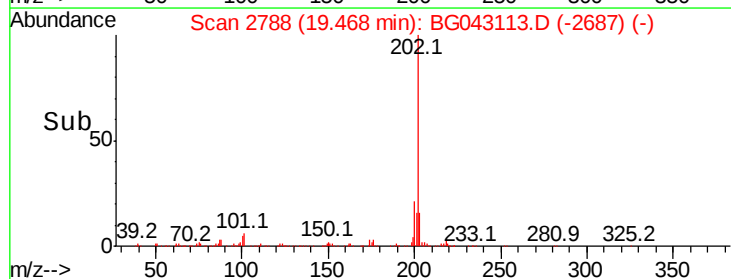
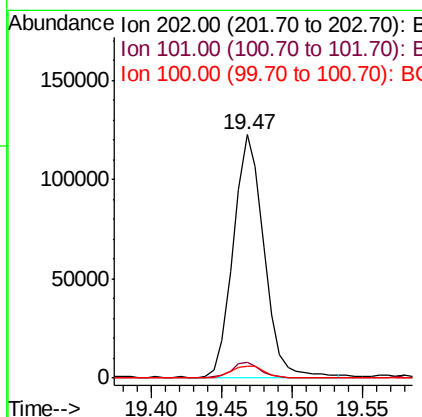
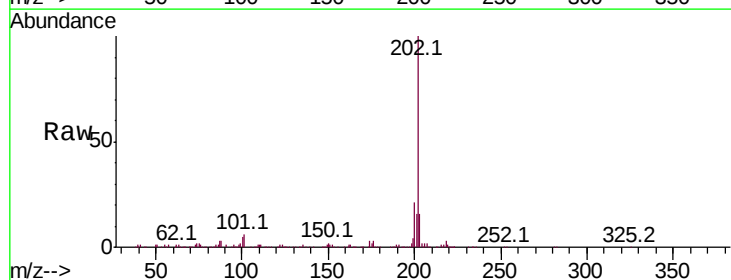
Instrument :
 BNA_G
 ClientSampleId :

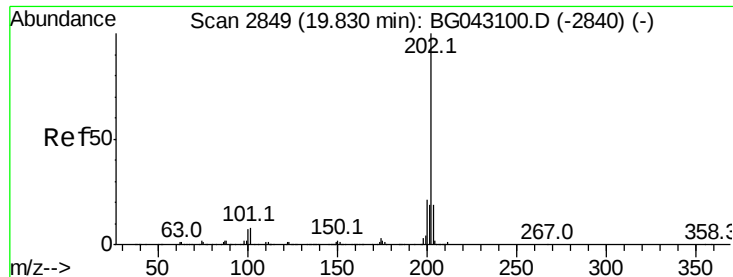
Tot Ion:178 Resp: 84335
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.0 19.4
 176 19.9 15.4 23.2



#76
 Fluoranthene
 Concen: 7.238 ng/ul
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.00 min
 Lab File: BG043113.D
 Acq: 9 Oct 2019 21:36

Tgt Ion:202 Resp: 185737
 Ion Ratio Lower Upper
 202 100
 101 6.4 5.0 7.6
 100 4.9 4.6 7.0





#79

Pvrene

Concen: 8.387 ng/ul

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

Instrument :

BNA_G

ClientSampleId :

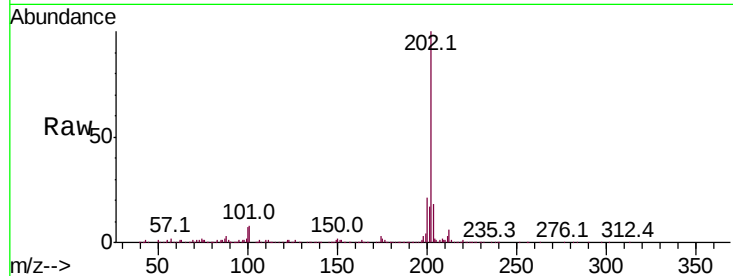
Tot Ion:202 Resp: 218387

Ion Ratio Lower Upper

202 100

101 7.5 6.2 9.4

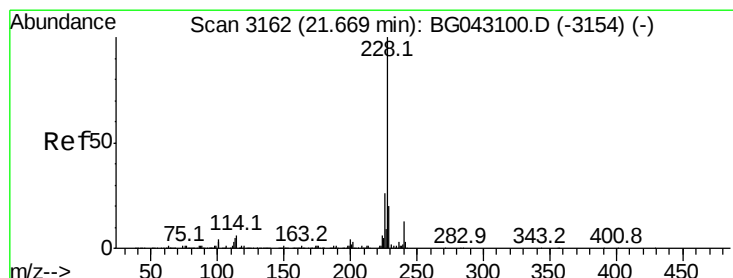
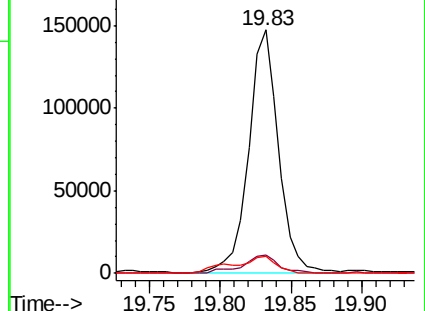
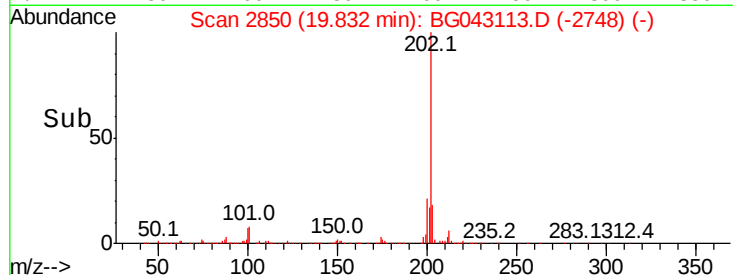
100 7.1 5.4 8.2



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: 4.987 ng/ul

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

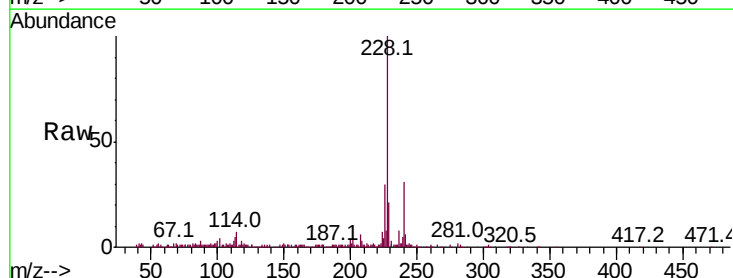
Tgt Ion:228 Resp: 141264

Ion Ratio Lower Upper

228 100

229 20.7 16.2 24.2

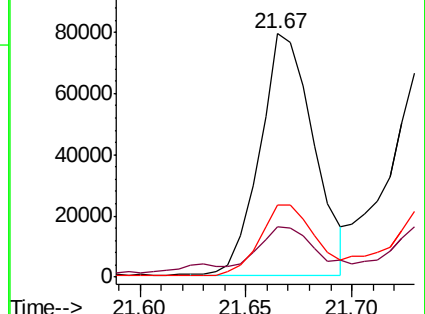
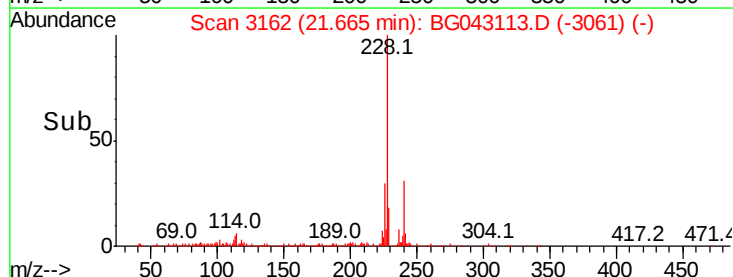
226 29.8 21.0 31.4

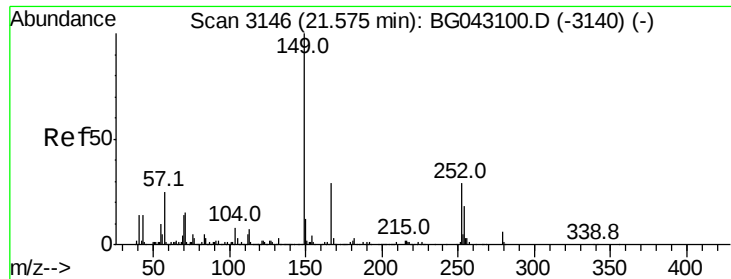


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

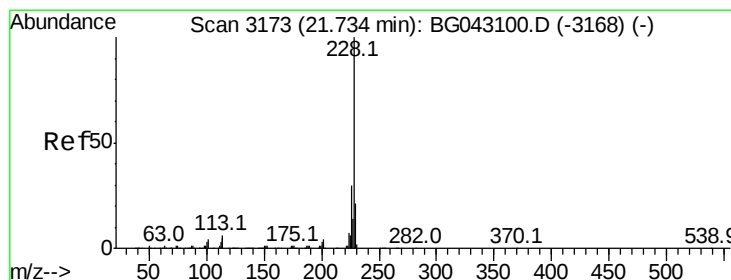
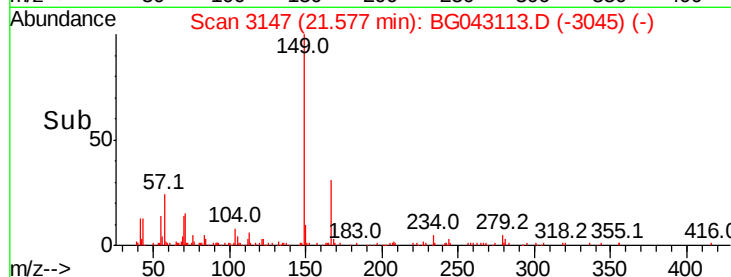
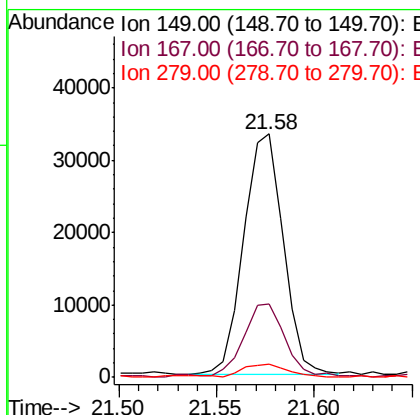
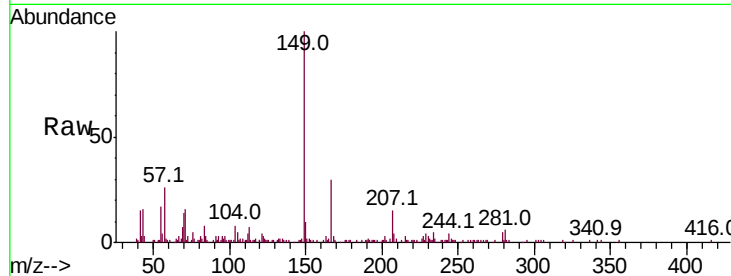




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.316 ng/ul
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG043113.D
 Acq: 9 Oct 2019 21:36

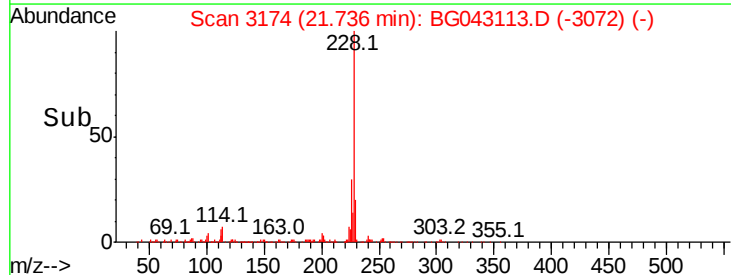
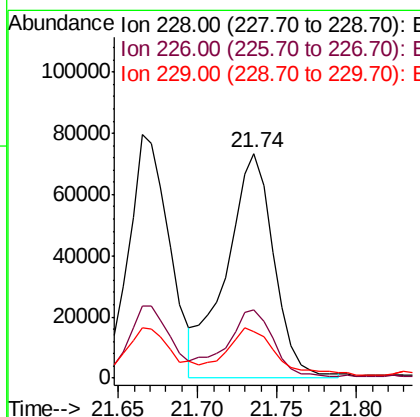
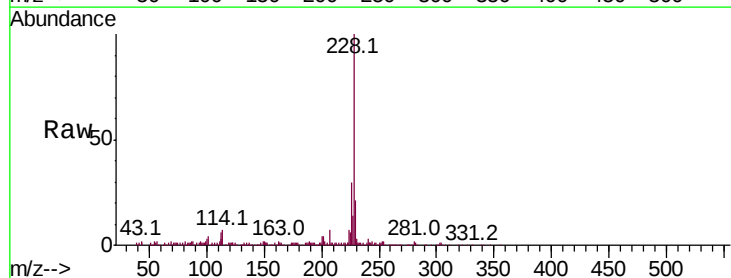
Instrument :
 BNA_G
 ClientSampleId :

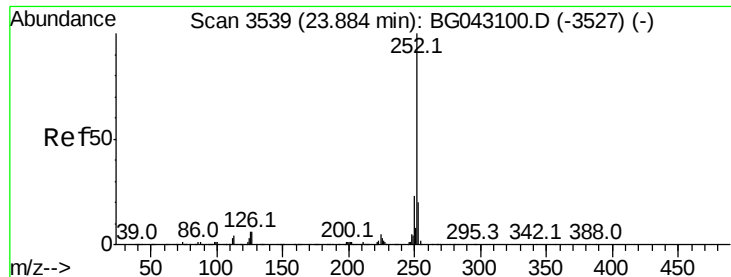
Tot Ion:149 Resp: 46632
 Ion Ratio Lower Upper
 149 100
 167 30.2 23.2 34.8
 279 5.4 4.7 7.1



#84
 Chrysene
 Concen: 5.722 ng/ul
 RT: 21.74 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BG043113.D
 Acq: 9 Oct 2019 21:36

Tgt Ion:228 Resp: 152556
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 20.8 16.6 25.0





#87

Benzo(b)fluoranthene

Concen: 1.523 ng/ul

RT: 23.94 min Scan# 3550

Delta R.T. 0.06 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

Instrument :

BNA_G

ClientSampled :

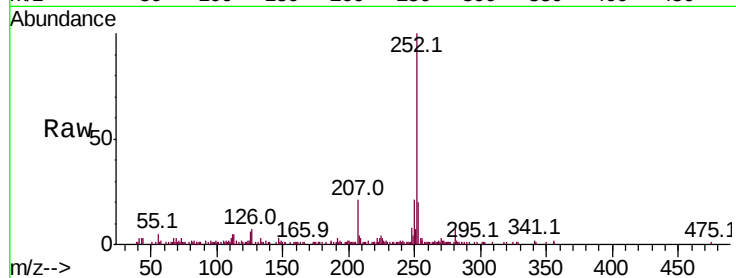
Tot Ion:252 Resp: 44956

Ion Ratio Lower Upper

252 100

253 19.8 16.4 24.6

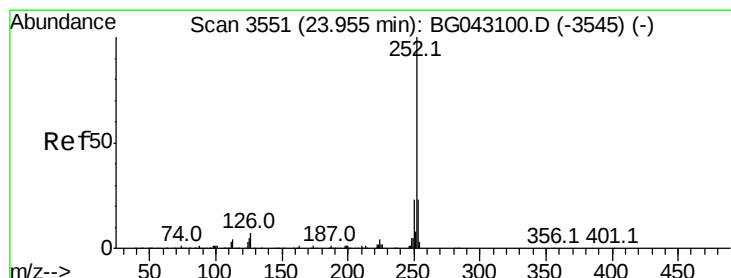
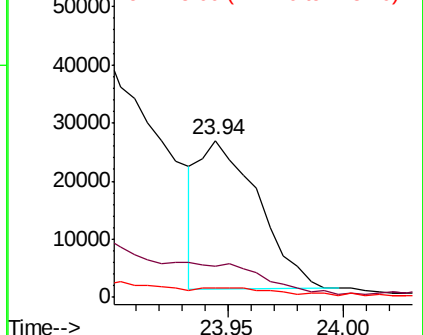
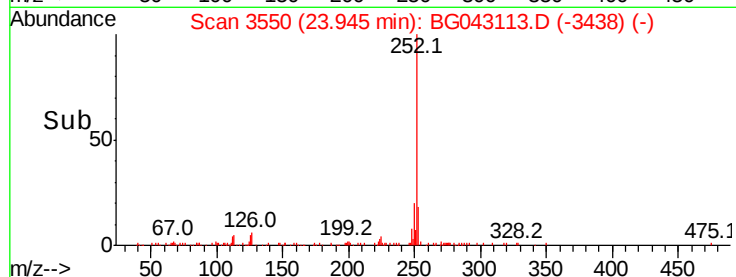
125 6.3 4.6 7.0



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: 1.560 ng/ul

RT: 23.94 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

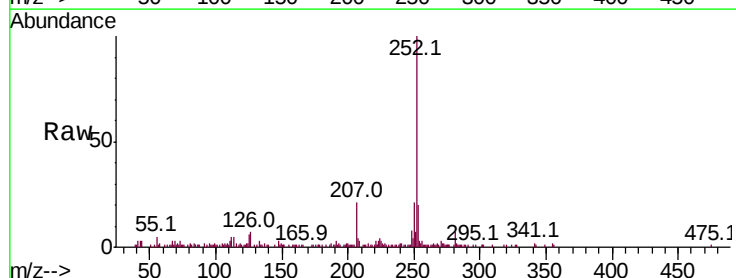
Tgt Ion:252 Resp: 45001

Ion Ratio Lower Upper

252 100

253 19.8 18.4 27.6

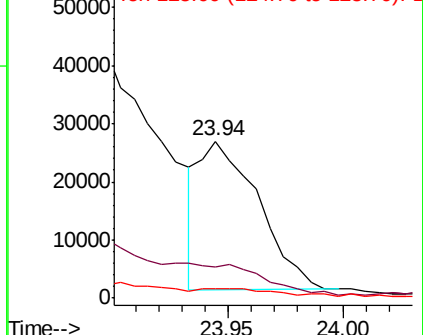
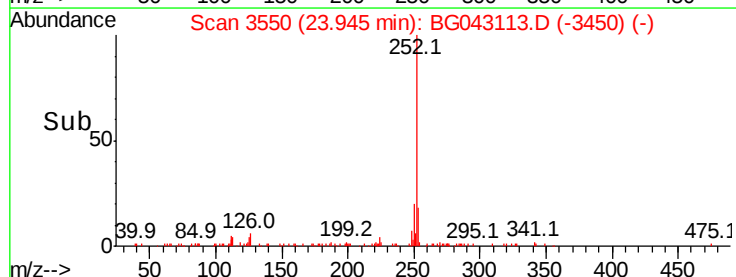
125 6.3 4.4 6.6

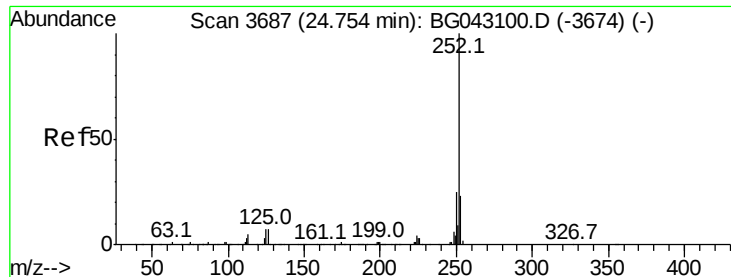


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.510 ng/ul

RT: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

Instrument :

BNA_G

ClientSampleId :

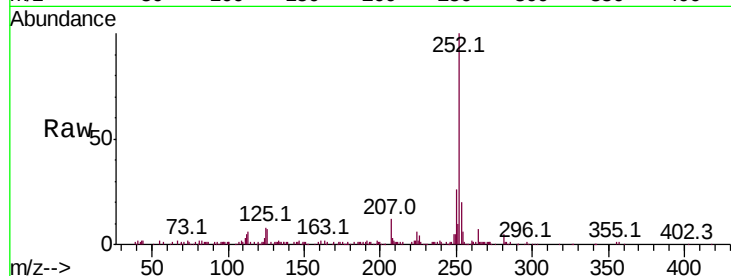
Tot Ion:252 Resp: 127365

Ion Ratio Lower Upper

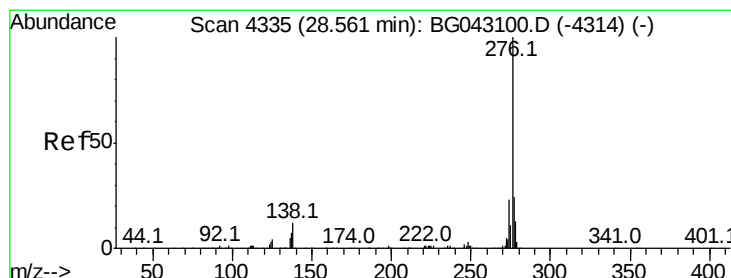
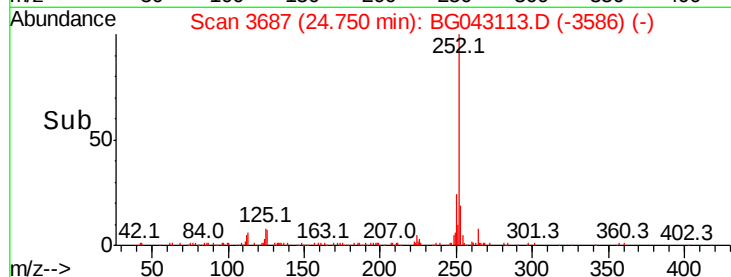
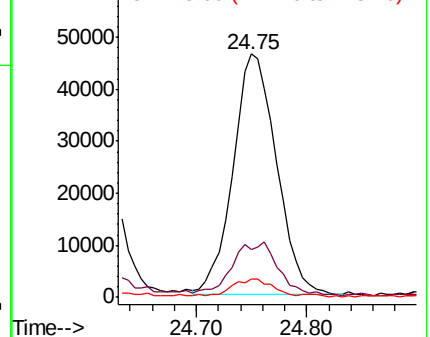
252 100

253 19.5 18.9 28.3

125 7.8 5.3 7.9



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.995 ng/ul

RT: 28.56 min Scan# 4335

Delta R.T. -0.00 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

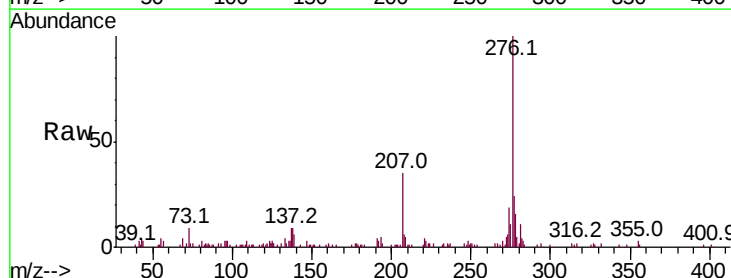
Tgt Ion:276 Resp: 68311

Ion Ratio Lower Upper

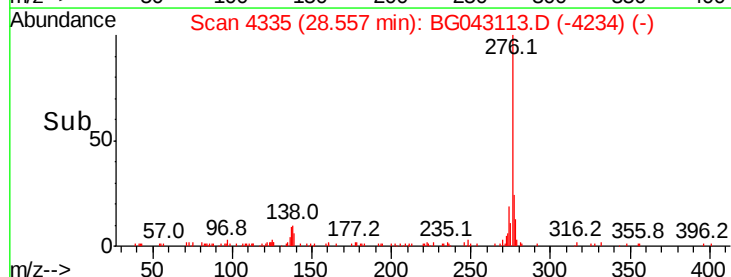
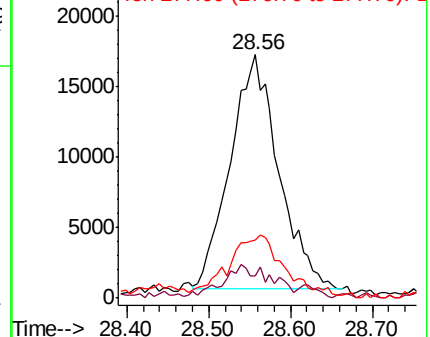
276 100

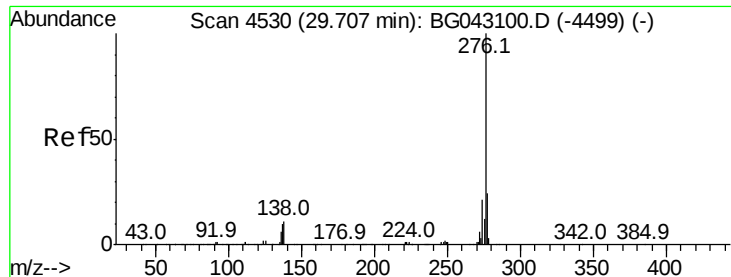
138 15.2 9.2 13.8#

277 23.7 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.255 ng/ul

RT: 29.70 min Scan# 4530

Delta R.T. -0.00 min

Lab File: BG043113.D

Acq: 9 Oct 2019 21:36

Instrument :

BNA_G

ClientSampleId :

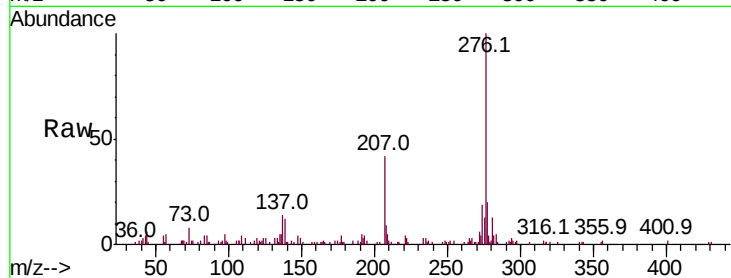
Tot Ion:276 Resp: 65439

Ion Ratio Lower Upper

276 100

138 12.3 8.7 13.1

277 20.4 19.1 28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

