

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110517\
 Data File : BG030760.D
 Acq On : 6 Nov 2017 4:44
 Operator : SJ/JU
 Sample : I6126-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EE8

Quant Time: Nov 06 05:39:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 01:27:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	86016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	406723	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.78	164	278500	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	650005	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	657167	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	674382	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5746	2.72	ng/uL	0.00
5) Phenol-d5	7.31	99	102455	12.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	65269	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	89534	15.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	67159	10.07	ng/ul	0.01
19) Nitrobenzene-d5	9.32	128	46051	15.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	53522	17.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	97965	14.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	107789	13.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	353817	14.86	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	437299	15.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	38644	8.79	ng/ul	0.01
57) Fluorene-d10	15.76	176	335265	17.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	7177	2.26	ng/ul	0.01
70) Anthracene-d10	17.61	188	506405	16.47	ng/ul	0.01
76) Pyrene-d10	19.89	212	546957	16.08	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.87	264	521496	16.33	ng/ul	0.02

Target Compounds

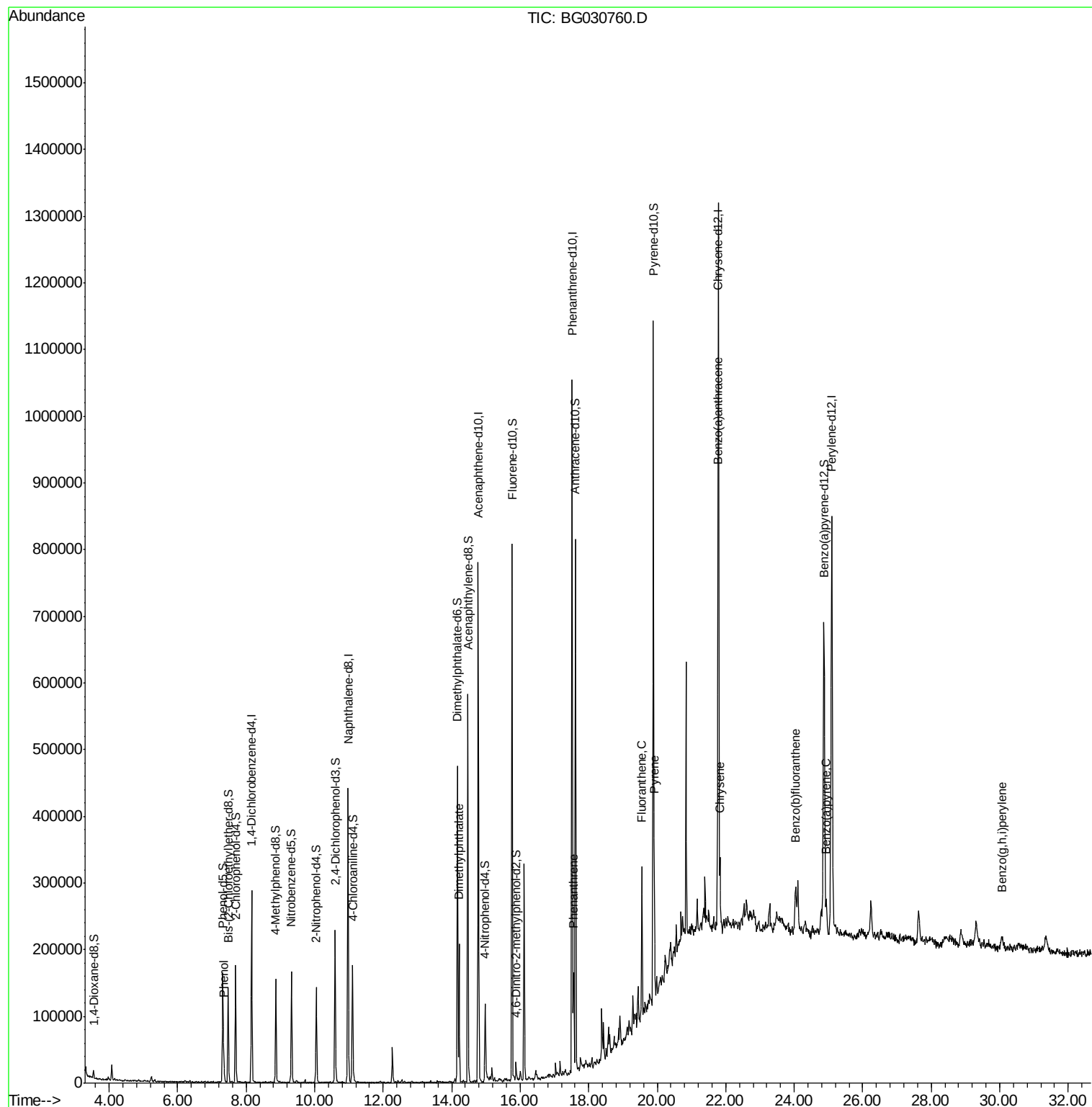
					Ovalue
6) Phenol	7.34	94	17391	2.036	ng/ul 95
44) Dimethylphthalate	14.22	163	150088	6.463	ng/ul 99
69) Phenanthrene	17.56	178	92748	2.639	ng/ul 98
74) Fluoranthene	19.55	202	139244	3.546	ng/ul 98
77) Pyrene	19.92	202	140856	3.198	ng/ul 99
80) Benzo(a)anthracene	21.77	228	59485	1.444	ng/ul 94
82) Chrysene	21.83	228	80217	2.144	ng/ul 98
85) Benzo(b)fluoranthene	24.04	252	85227	2.105	ng/ul# 91
88) Benzo(a)pyrene	24.93	252	55429	1.407	ng/ul# 93
91) Benzo(a,h,i)perylene	30.08	276	37412	1.012	ng/ul# 88

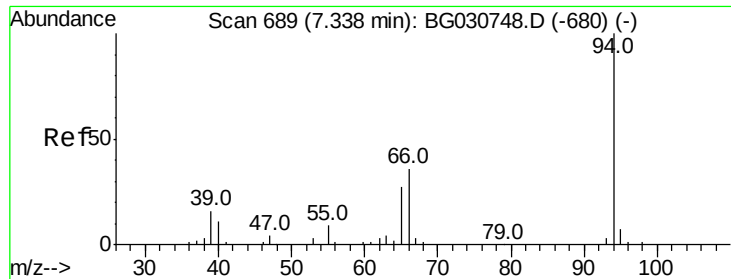
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.036 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

Instrument :

BNA_G

ClientSampleId :

B0EE8

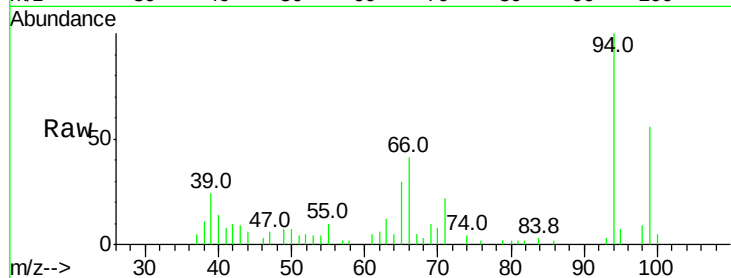
Tot Ion: 94 Resp: 17391

Ion Ratio Lower Upper

94 100

65 30.1 27.1 40.7

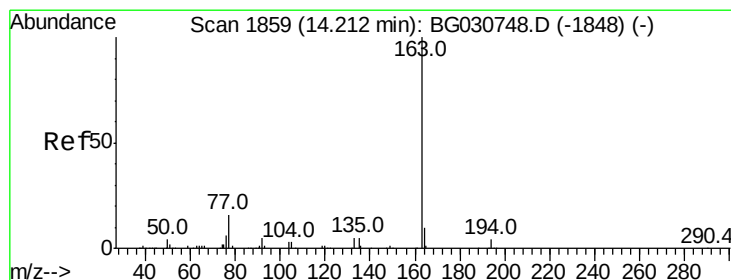
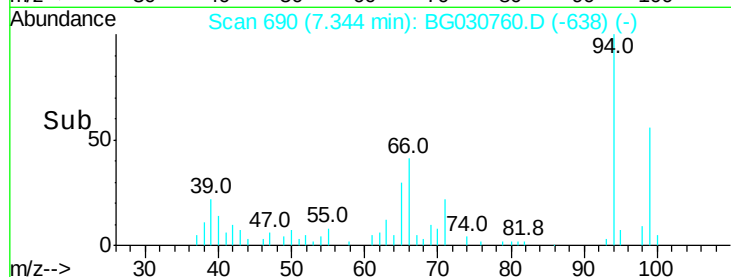
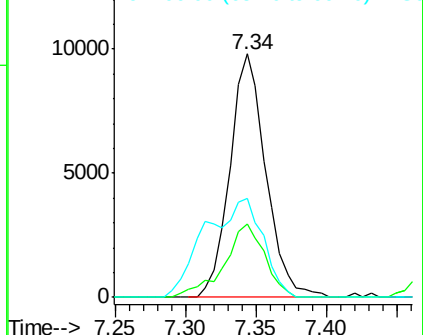
66 40.9 34.6 52.0



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: 6.463 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

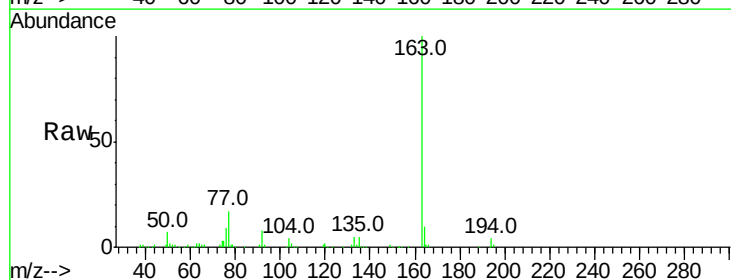
Tgt Ion:163 Resp: 150088

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

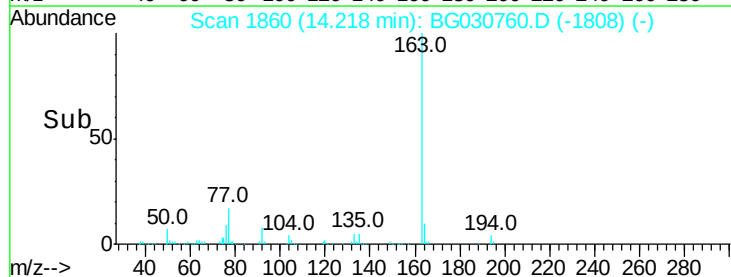
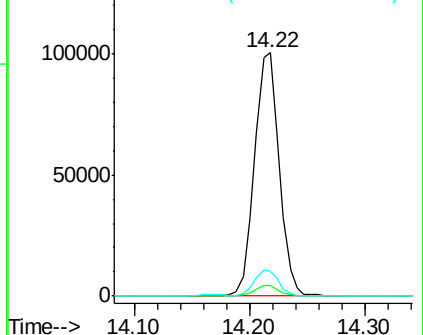
164 10.0 7.6 11.4

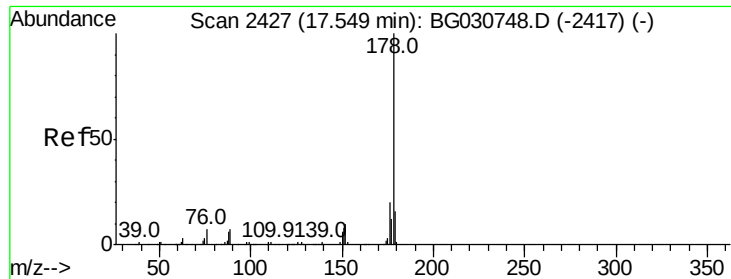


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.639 ng/ul

RT: 17.56 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

Instrument :

BNA_G

ClientSampleId :

B0EE8

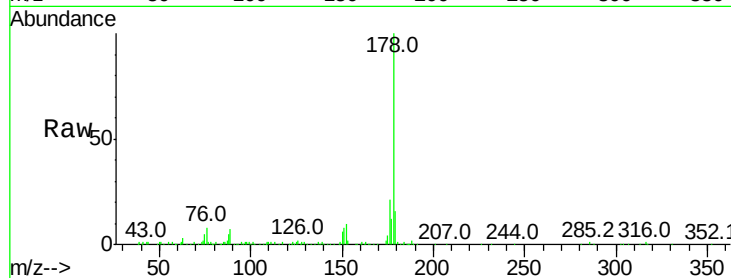
Tot Ion:178 Resp: 92748

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

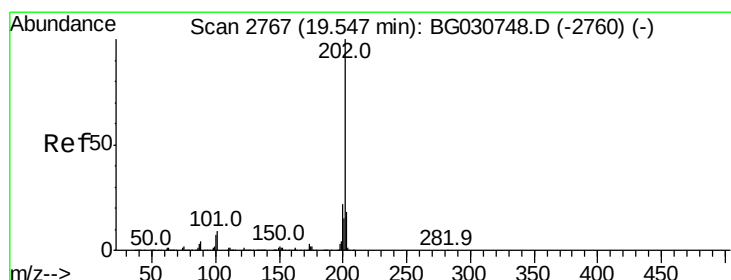
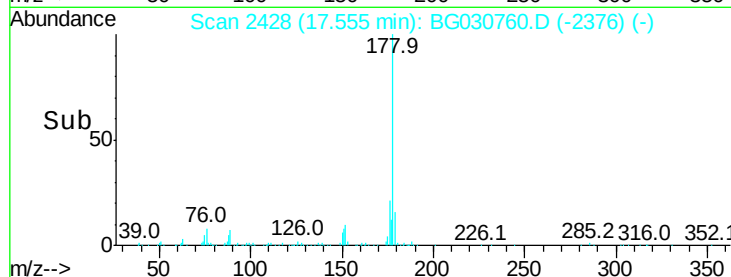
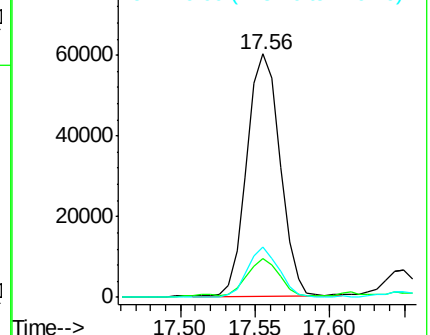
176 20.7 15.3 22.9



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



#74

Fluoranthene

Concen: 3.546 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.01 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

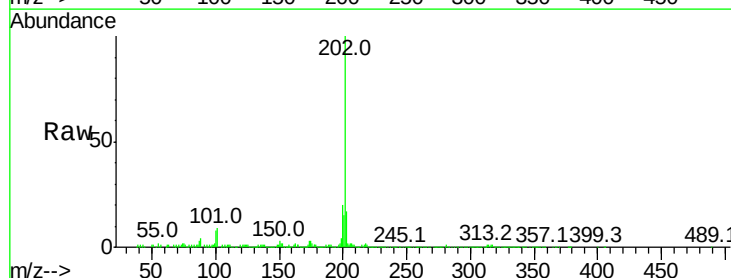
Tgt Ion:202 Resp: 139244

Ion Ratio Lower Upper

202 100

101 9.1 7.4 11.2

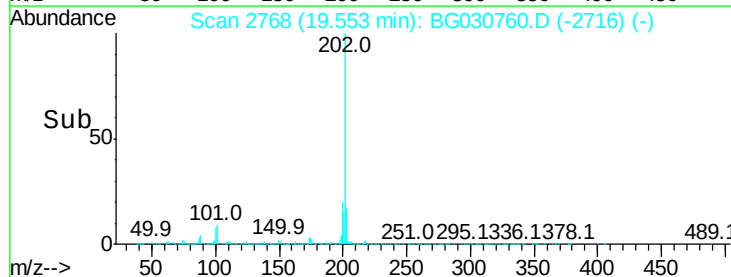
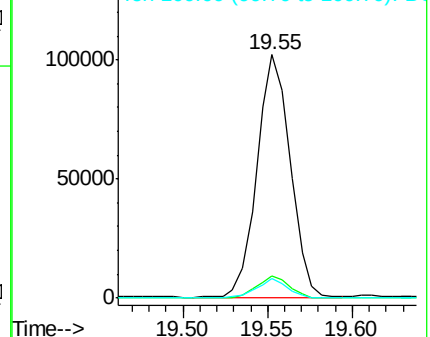
100 8.0 5.6 8.4

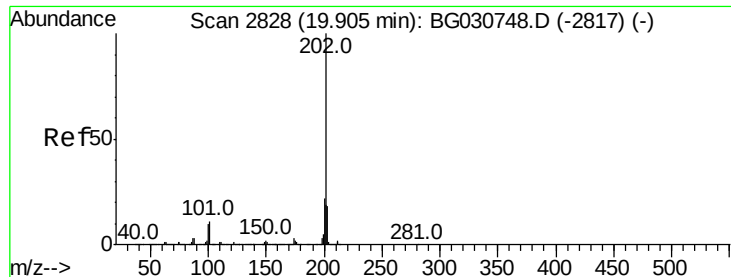


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.198 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

Instrument :

BNA_G

ClientSampleId :

B0EE8

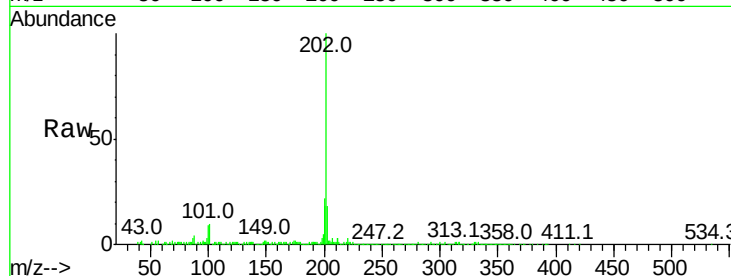
Tot Ion:202 Resp: 140856

Ion Ratio Lower Upper

202 100

101 9.8 8.4 12.6

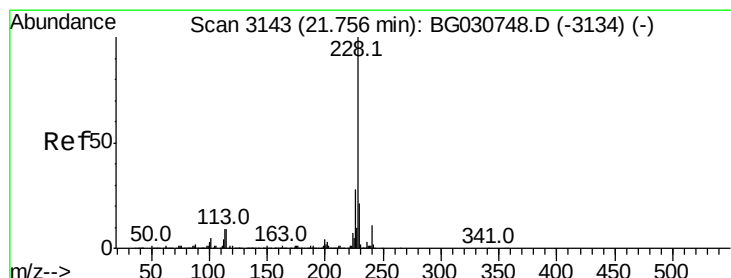
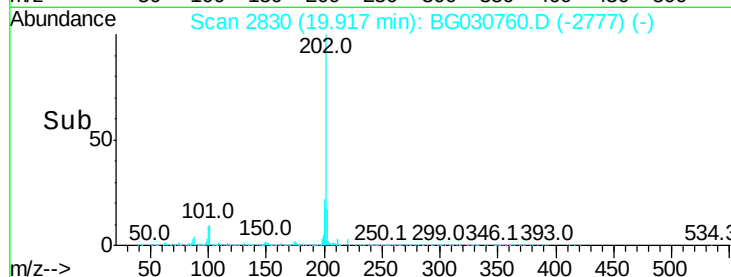
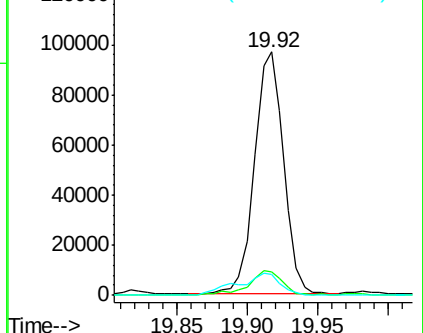
100 8.6 7.0 10.6



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



#80

Benzo(a)anthracene

Concen: 1.444 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

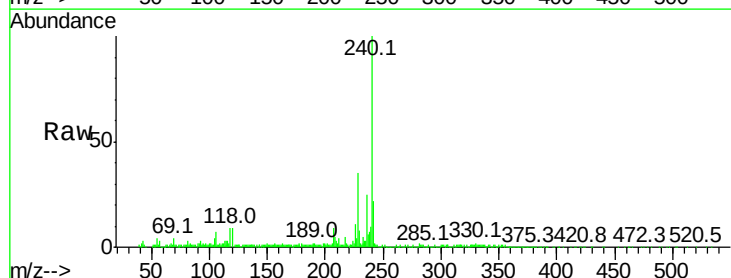
Tgt Ion:228 Resp: 59485

Ion Ratio Lower Upper

228 100

229 23.5 16.2 24.4

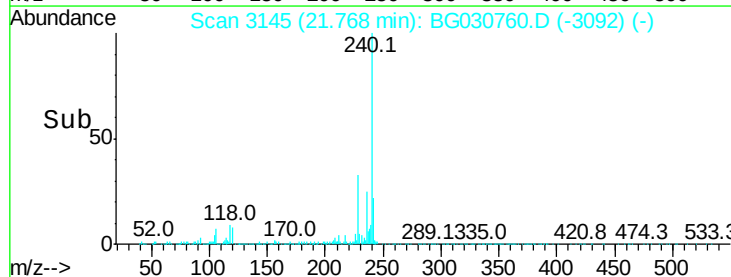
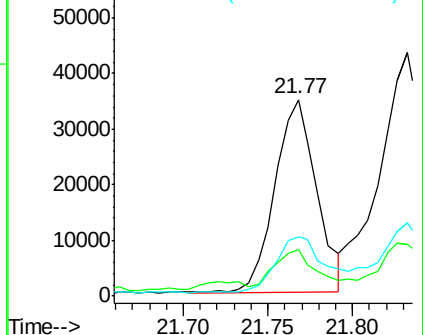
226 30.1 22.2 33.2

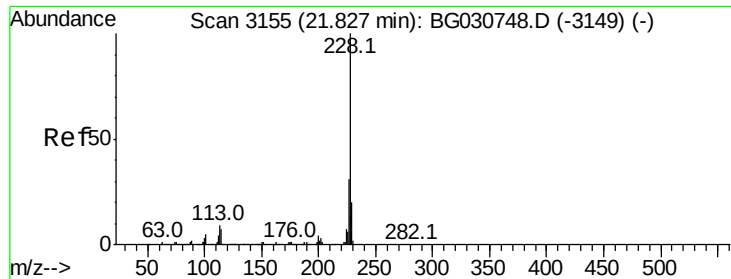


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.144 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

Instrument :

BNA_G

ClientSampleId :

B0EE8

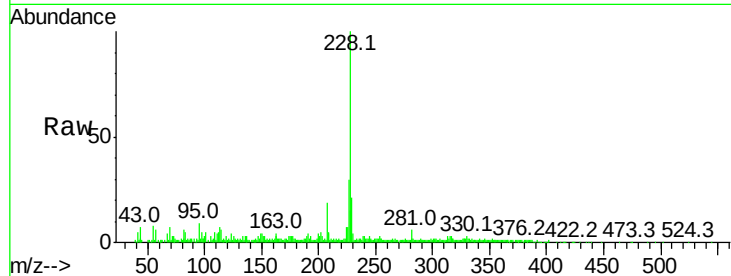
Tot Ion:228 Resp: 80217

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

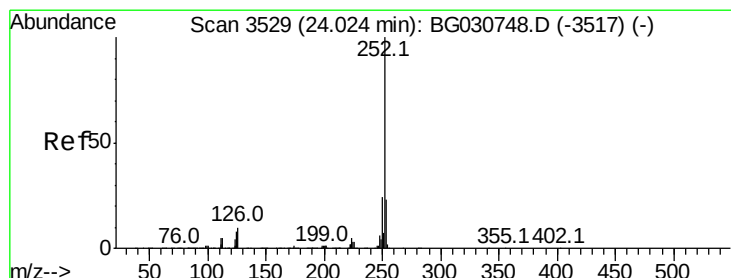
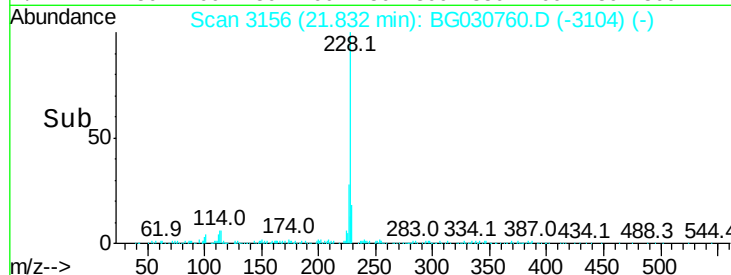
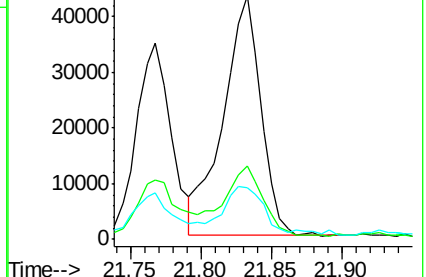
229 21.1 15.2 22.8



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



#85

Benzo(b)fluoranthene

Concen: 2.105 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. 0.02 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

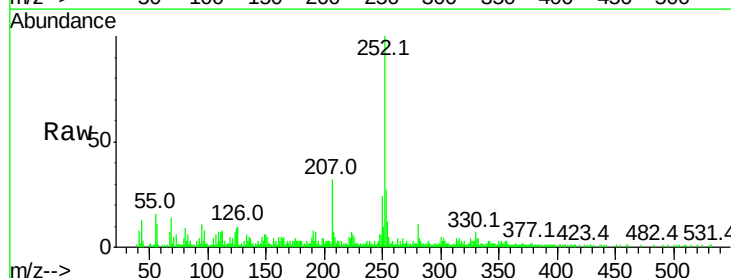
Tgt Ion:252 Resp: 85227

Ion Ratio Lower Upper

252 100

253 27.0 17.0 25.4#

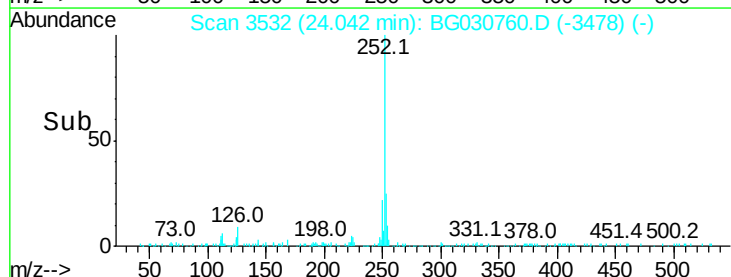
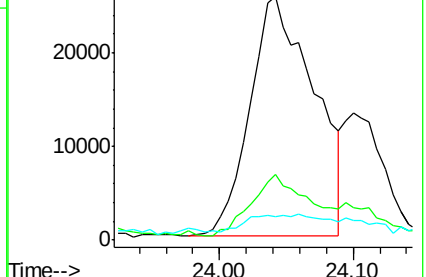
125 9.4 7.5 11.3

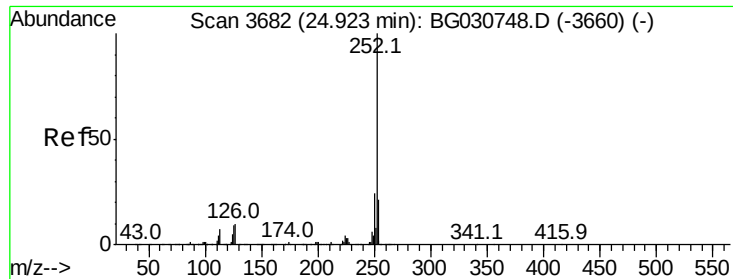


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.407 ng/ul

RT: 24.93 min Scan# 3684

Delta R.T. 0.01 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

Instrument :

BNA_G

ClientSampleId :

B0EE8

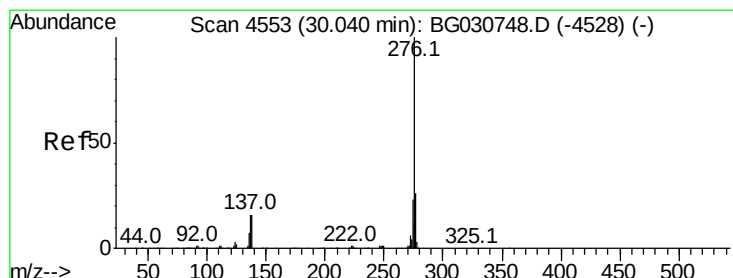
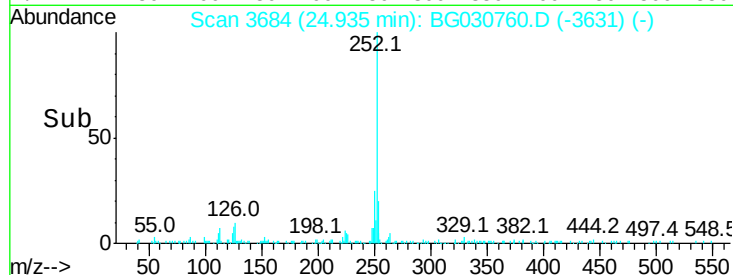
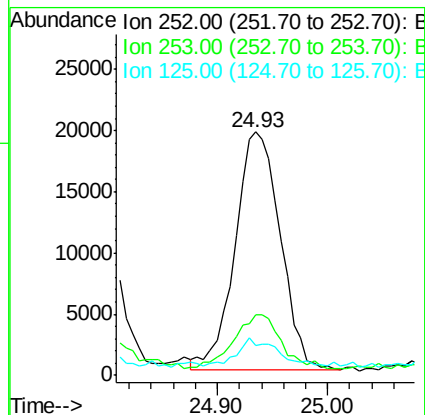
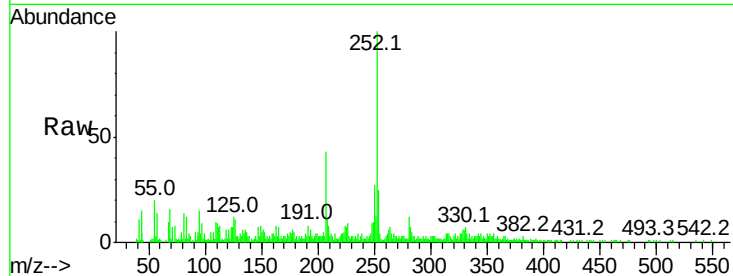
Tot Ion:252 Resp: 55429

Ion Ratio Lower Upper

252 100

253 24.9 17.1 25.7

125 12.1 7.8 11.8#



#91

Benzo(g,h,i)perylene

Concen: 1.012 ng/ul

RT: 30.08 min Scan# 4559

Delta R.T. 0.04 min

Lab File: BG030760.D

Acq: 6 Nov 2017 4:44

Tgt Ion:276 Resp: 37412

Ion Ratio Lower Upper

276 100

138 22.7 12.1 18.1#

277 25.5 17.7 26.5

