

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110517\
 Data File : BG030754.D
 Acq On : 6 Nov 2017 00:59
 Operator : SJ/JU
 Sample : I6107-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EA8

Quant Time: Nov 06 02:13:24 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	77505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	348060	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.78	164	228517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	515448	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	555499	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	571436	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	7808	4.09	ng/uL	0.00
5) Phenol-d5	7.32	99	157251	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	93373	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	131703	25.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	119152	19.83	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	64341	25.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	76808	30.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	146933	25.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	141243	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	479585	24.55	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	616464	25.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	68829	19.08	ng/ul	0.01
57) Fluorene-d10	15.76	176	459385	28.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	19604	7.79	ng/ul	0.01
70) Anthracene-d10	17.61	188	694698	28.50	ng/ul	0.01
76) Pyrene-d10	19.89	212	768060	26.71	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.88	264	786154	29.05	ng/ul	0.02

Target Compounds

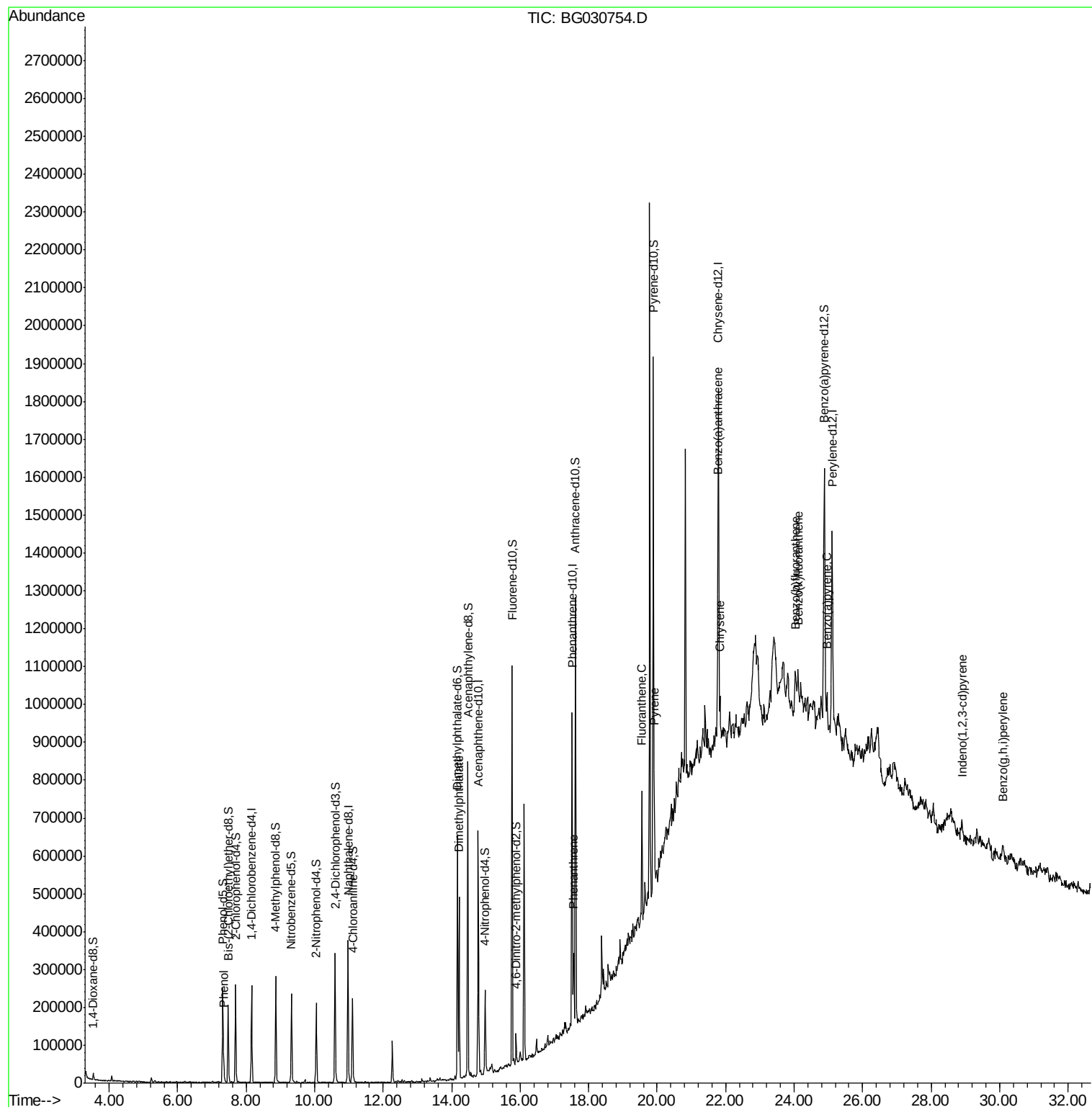
					Ovalue	
6) Phenol	7.34	94	23965	3.113	ng/ul	91
44) Dimethylphthalate	14.22	163	352829	18.516	ng/ul	99
69) Phenanthrene	17.56	178	121926	4.376	ng/ul	97
74) Fluoranthene	19.55	202	205738	6.607	ng/ul	99
77) Pyrene	19.92	202	181037	4.863	ng/ul	98
80) Benzo(a)anthracene	21.77	228	110330	3.169	ng/ul	93
82) Chrysene	21.83	228	101375	3.205	ng/ul#	93
85) Benzo(b)fluoranthene	24.05	252	125504	3.658	ng/ul#	81
86) Benzo(k)fluoranthene	24.12	252	45099	1.360	ng/ul#	63
88) Benzo(a)pyrene	24.95	252	89248	2.673	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	28.90	276	65570	1.736	ng/ul#	89
91) Benzo(g,h,i)perylene	30.10	276	70879	2.263	ng/ul#	88

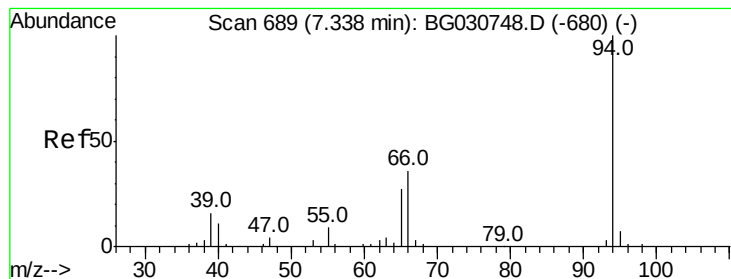
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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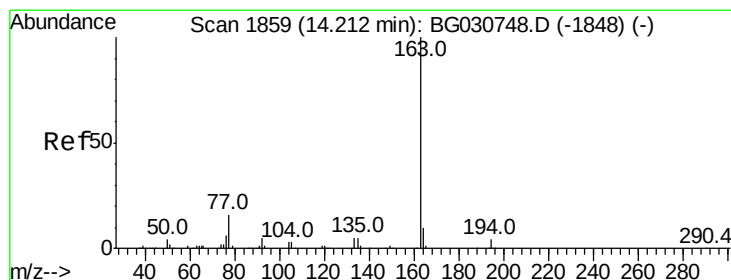
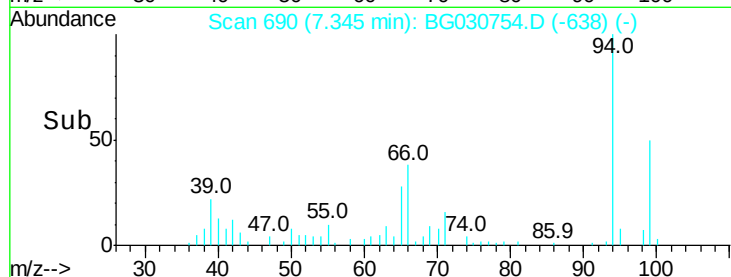
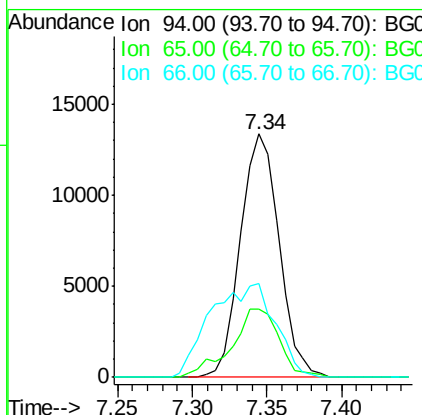
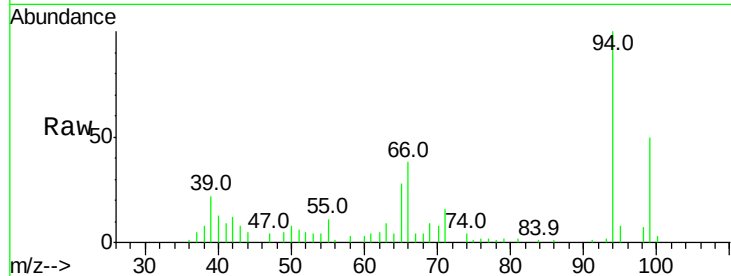
#6

Phenol

Concen: 3.113 ng/ul
 RT: 7.34 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: BG030754.D
 Acq: 6 Nov 2017 00:59

Instrument :
 BNA_G
 ClientSampleId :
 B0EA8

Tot Ion: 94 Resp: 23965
 Ion Ratio Lower Upper
 94 100
 65 28.1 27.1 40.7
 66 38.4 34.6 52.0

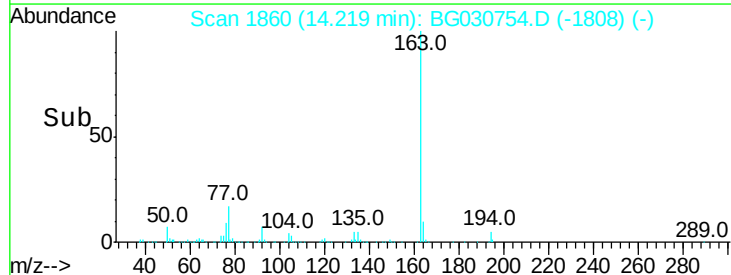
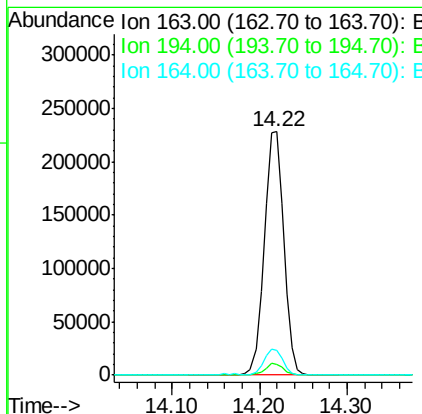
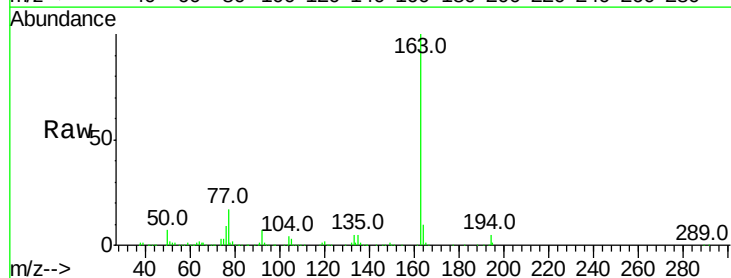


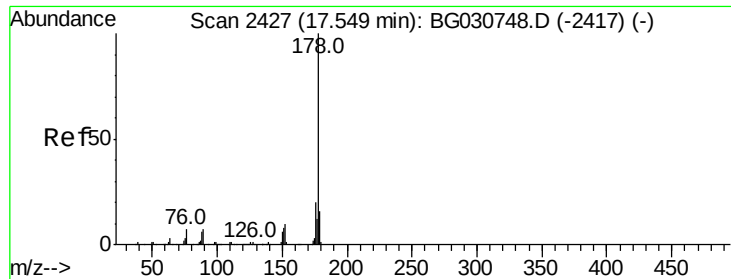
#44

Dimethylphthalate

Concen: 18.516 ng/ul
 RT: 14.22 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: BG030754.D
 Acq: 6 Nov 2017 00:59

Tgt Ion:163 Resp: 352829
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.5 5.3
 164 9.9 7.6 11.4





#69

Phenanthrene

Concen: 4.376 ng/ul

RT: 17.56 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

Instrument :

BNA_G

ClientSampleId :

B0EA8

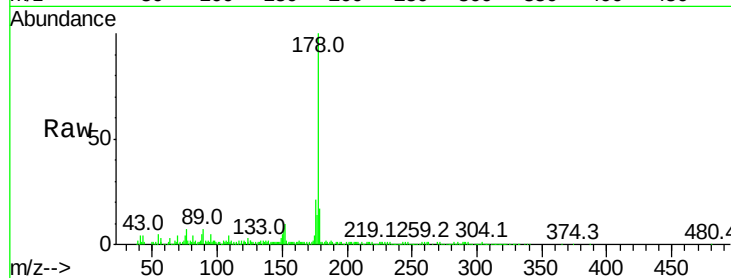
Tot Ion:178 Resp: 121926

Ion Ratio Lower Upper

178 100

179 16.9 13.0 19.6

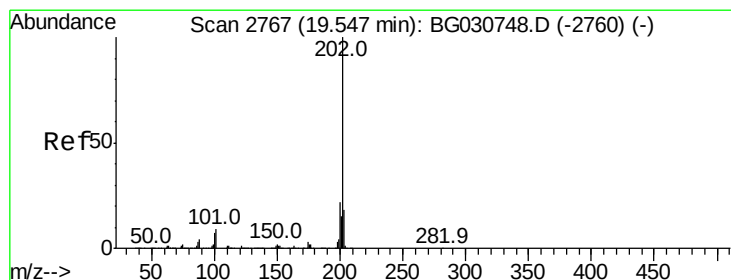
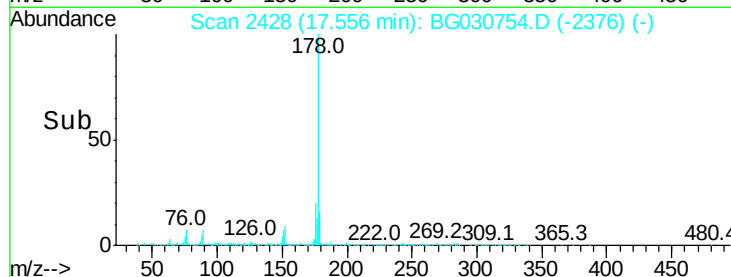
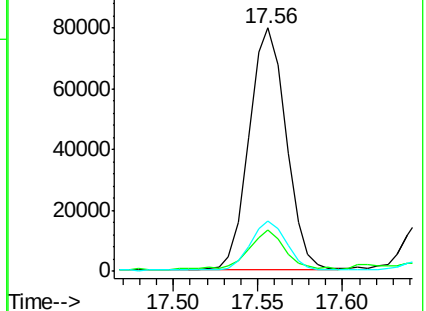
176 20.8 15.3 22.9



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: 6.607 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.01 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

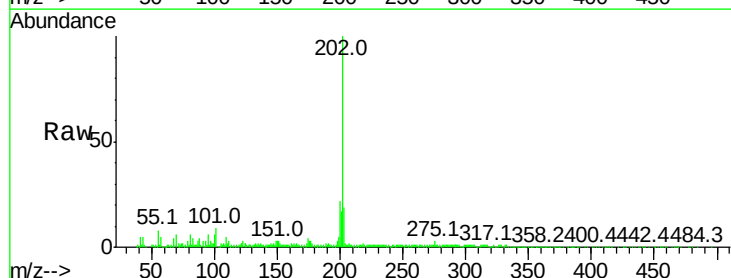
Tgt Ion:202 Resp: 205738

Ion Ratio Lower Upper

202 100

101 9.3 7.4 11.2

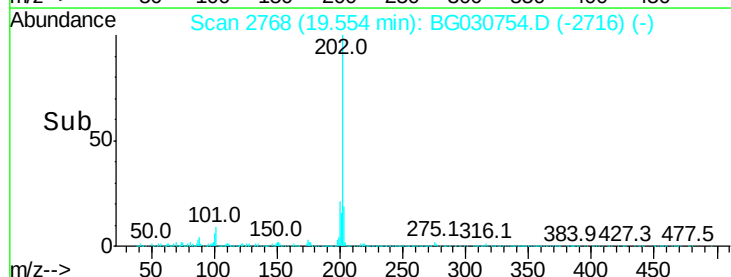
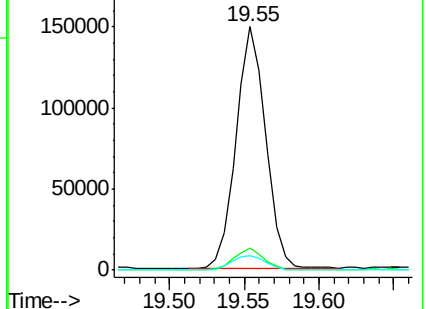
100 6.2 5.6 8.4

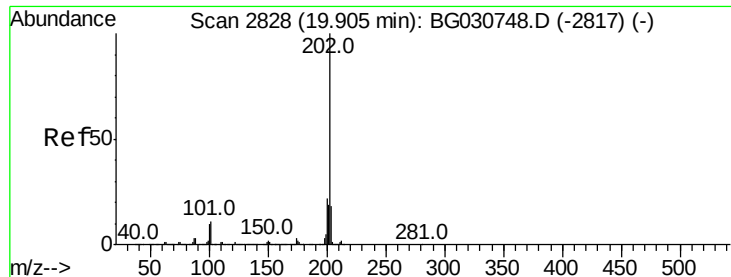


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 4.863 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

Instrument :

BNA_G

ClientSampleId :

B0EA8

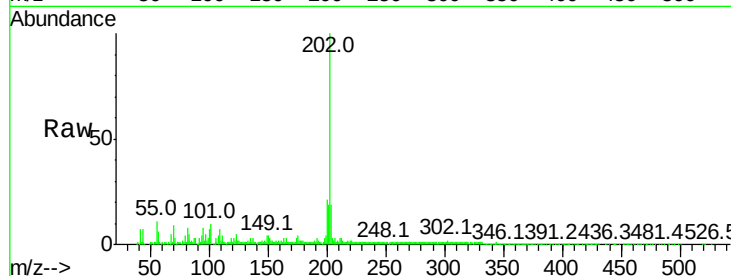
Tot Ion:202 Resp: 181037

Ion Ratio Lower Upper

202 100

101 10.3 8.4 12.6

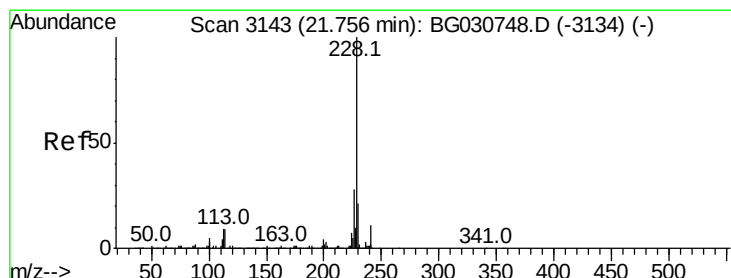
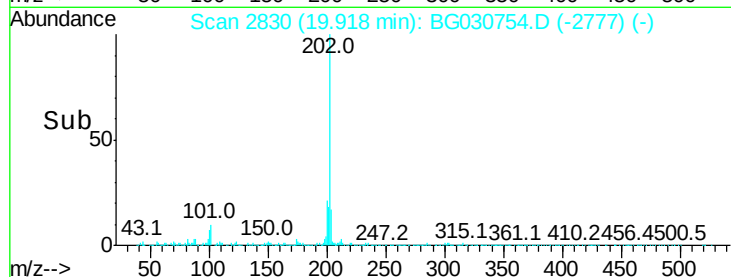
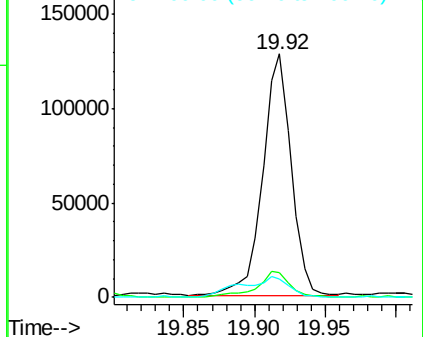
100 7.3 7.0 10.6



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: 3.169 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

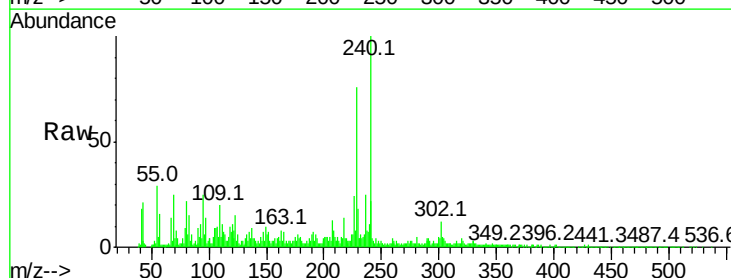
Tgt Ion:228 Resp: 110330

Ion Ratio Lower Upper

228 100

229 23.3 16.2 24.4

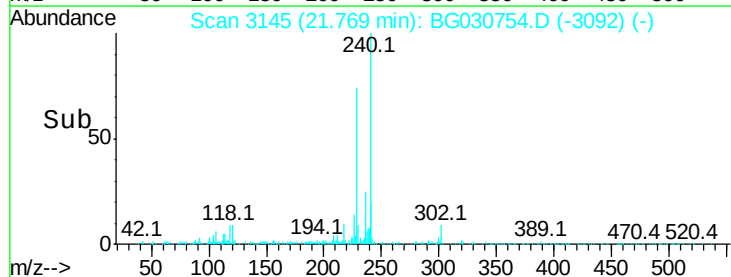
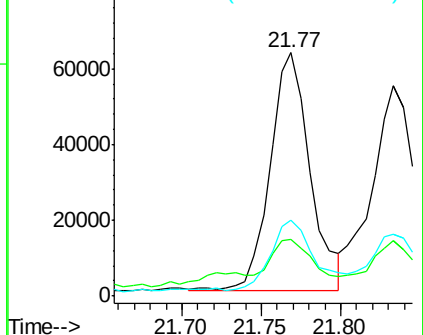
226 31.2 22.2 33.2

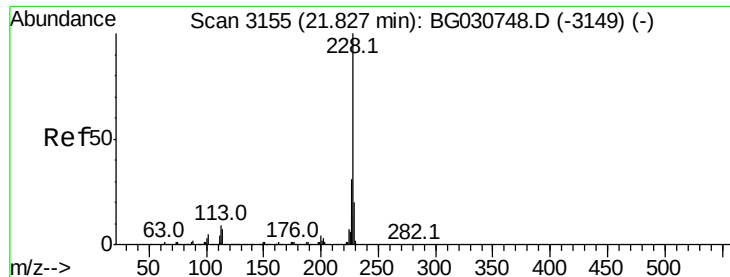


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.205 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

Instrument :

BNA_G

ClientSampleId :

B0EA8

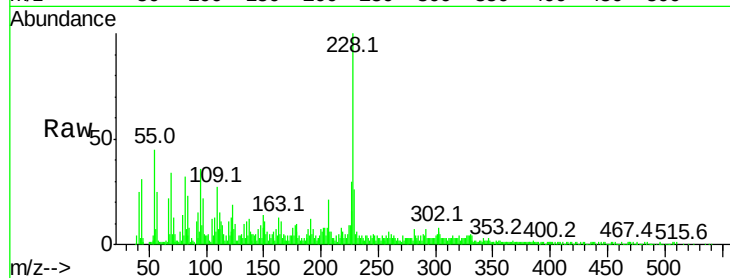
Tot Ion:228 Resp: 101375

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.2

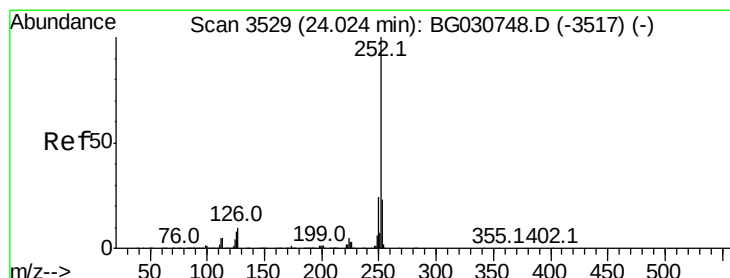
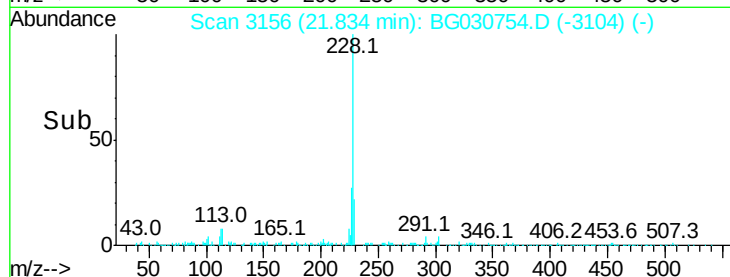
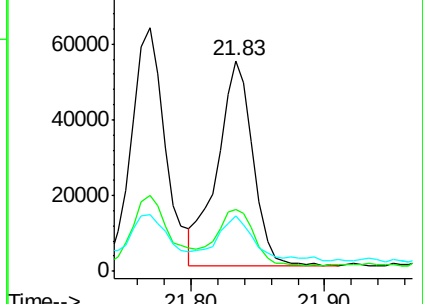
229 26.3 15.2 22.8#



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: 3.658 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.02 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

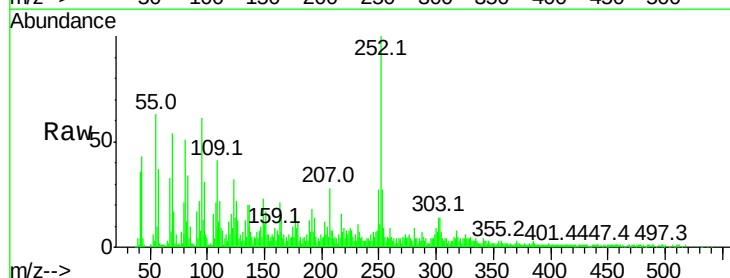
Tgt Ion:252 Resp: 125504

Ion Ratio Lower Upper

252 100

253 27.1 17.0 25.4#

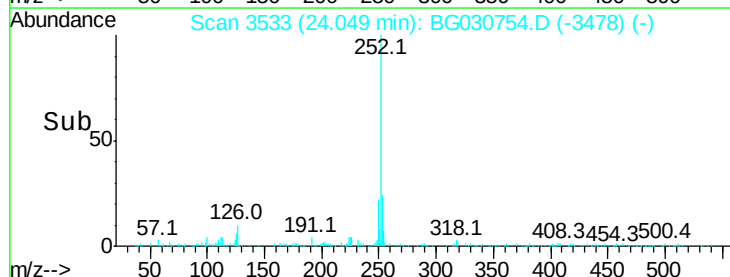
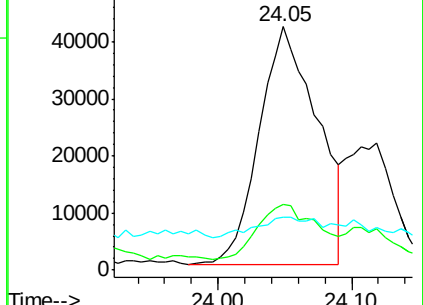
125 21.7 7.5 11.3#

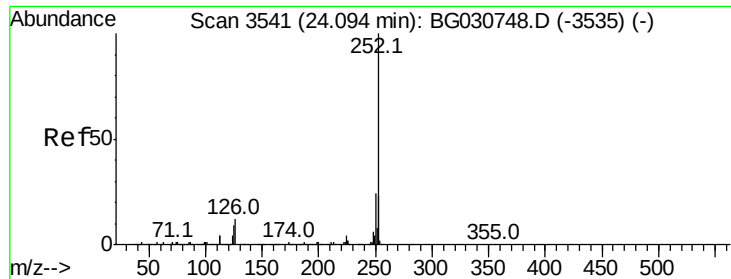


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.360 ng/ul

RT: 24.12 min Scan# 3545

Delta R.T. 0.02 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

Instrument :

BNA_G

ClientSampleId :

B0EA8

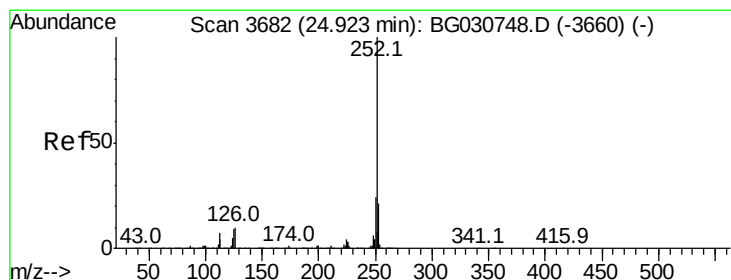
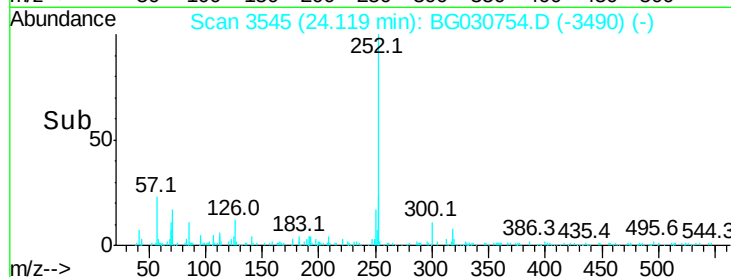
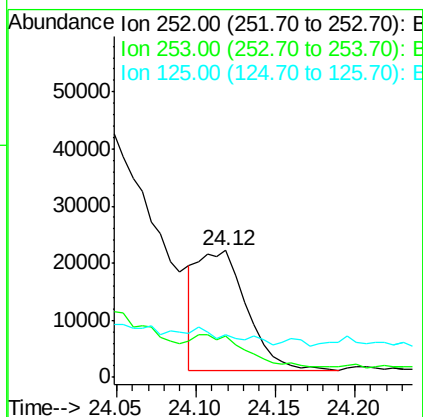
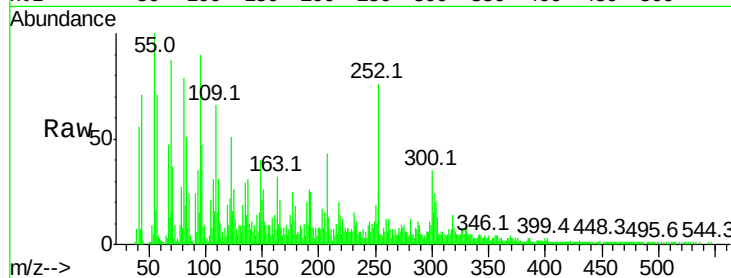
Tot Ion:252 Resp: 45099

Ion Ratio Lower Upper

252 100

253 32.6 17.2 25.8#

125 33.8 7.8 11.8#



#88

Benzo(a)pyrene

Concen: 2.673 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. 0.02 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

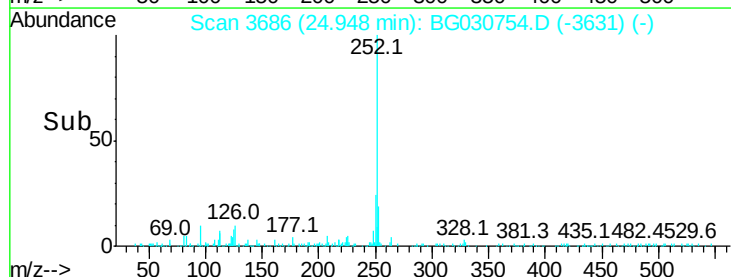
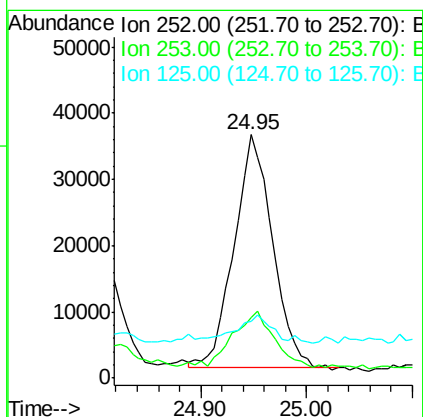
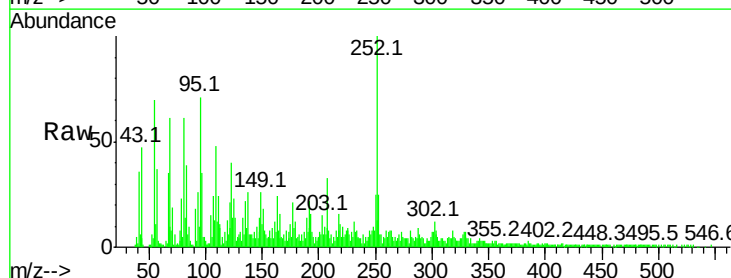
Tgt Ion:252 Resp: 89248

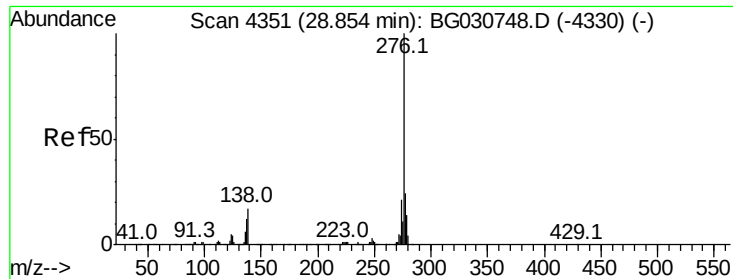
Ion Ratio Lower Upper

252 100

253 25.0 17.1 25.7

125 23.1 7.8 11.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.736 ng/ul

RT: 28.90 min Scan# 4359

Delta R.T. 0.05 min

Lab File: BG030754.D

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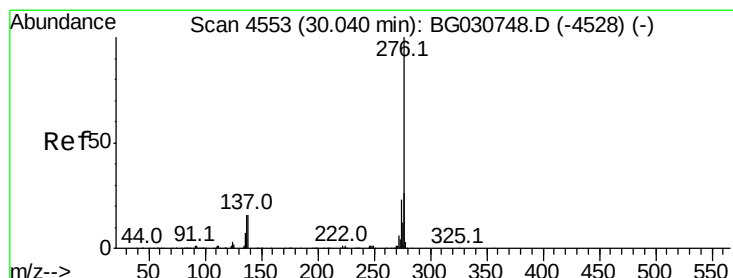
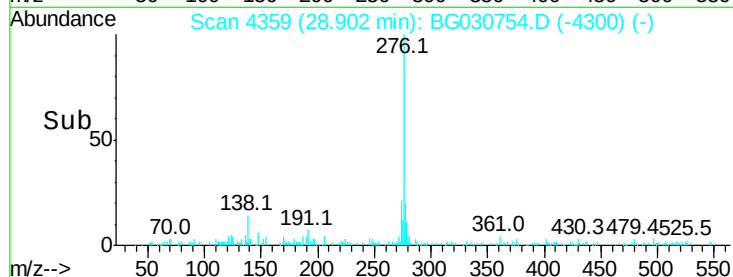
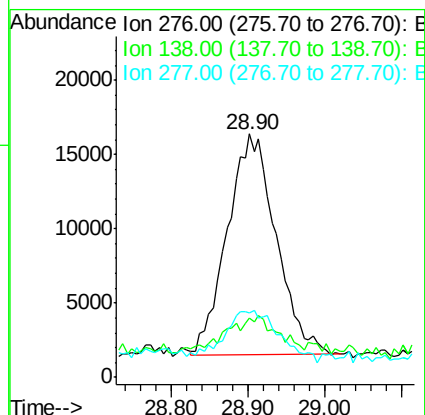
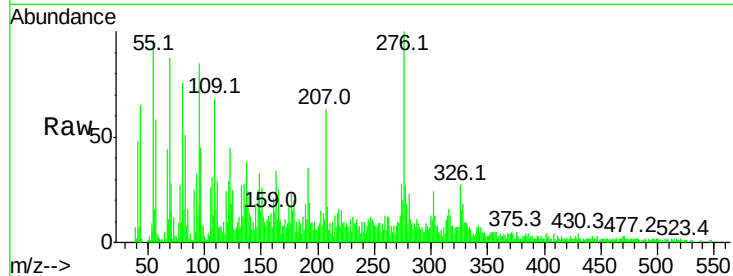
Tot Ion:276 Resp: 65570

Ion Ratio Lower Upper

276 100

138 24.3 13.4 20.0#

277 26.6 18.6 28.0



#91

Benzo(g,h,i)perylene

Concen: 2.263 ng/ul

RT: 30.10 min Scan# 4563

Delta R.T. 0.06 min

Lab File: BG030754.D

Acq: 6 Nov 2017 00:59

Tgt Ion:276 Resp: 70879

Ion Ratio Lower Upper

276 100

138 23.8 12.1 18.1#

277 25.2 17.7 26.5

