

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110817\
 Data File : BG030862.D
 Acq On : 9 Nov 2017 1:21
 Operator : SJ/JU
 Sample : I6245-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F00

Quant Time: Nov 09 04:10:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:14:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	49830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	251296	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	169190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	413991	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	472979	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	489388	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5030	4.10	ng/uL	0.00
5) Phenol-d5	7.31	99	94437	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	63631	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	80583	23.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	61780	15.99	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	47979	26.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	57016	30.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	95625	22.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	87654	17.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	341454	23.61	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	433544	24.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	34423	12.89	ng/ul	0.00
57) Fluorene-d10	15.76	176	323557	27.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	42334	20.95	ng/ul	0.00
70) Anthracene-d10	17.61	188	506807	25.88	ng/ul	0.00
76) Pyrene-d10	19.88	212	608232	24.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	629161	27.14	ng/ul	0.00

Target Compounds

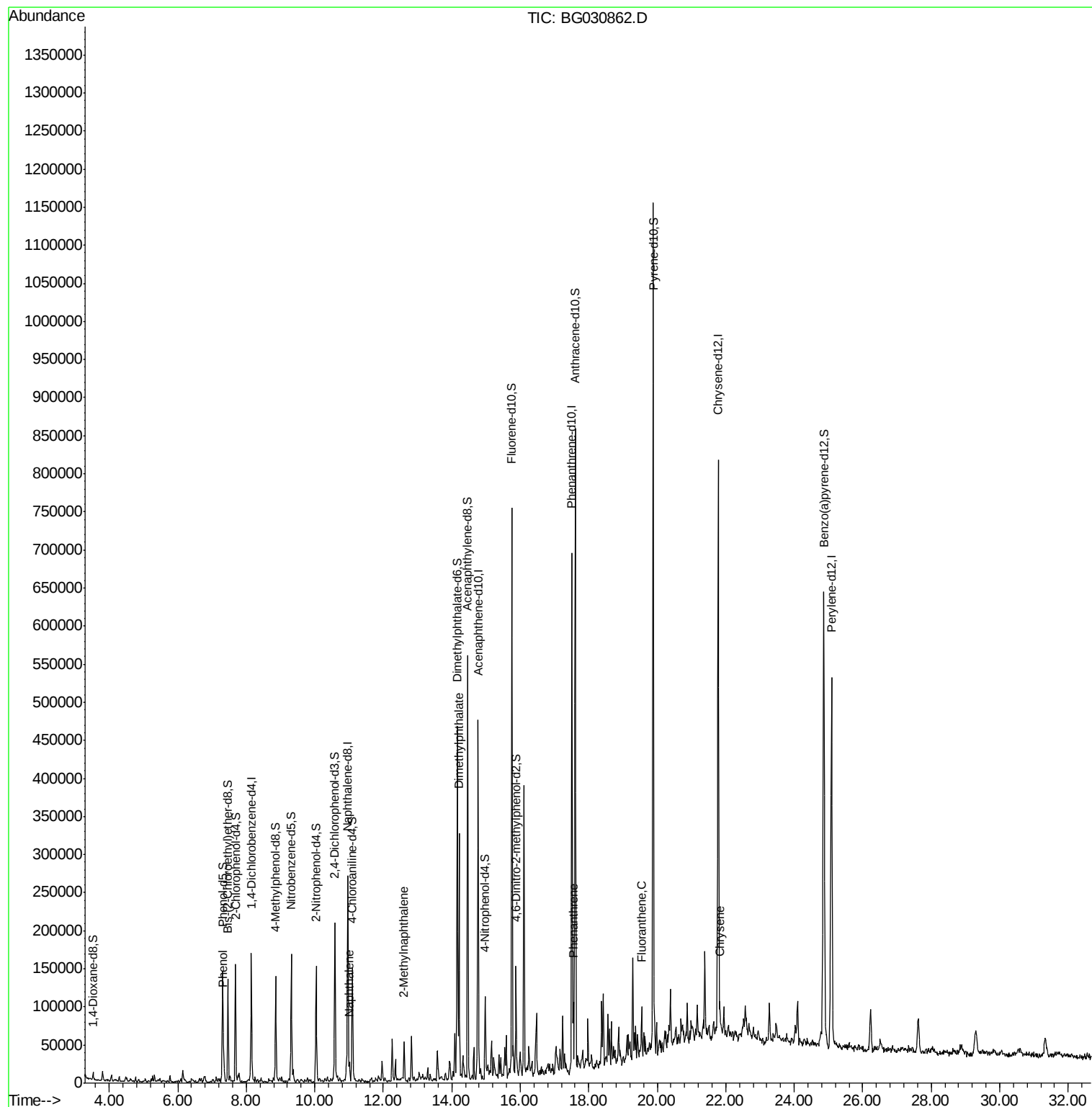
					Ovalue	
6) Phenol	7.34	94	18581	3.755	ng/ul	96
28) Naphthalene	11.01	128	22522	1.694	ng/ul#	94
34) 2-Methylnaphthalene	12.61	142	27741	2.520	ng/ul	98
44) Dimethylphthalate	14.21	163	231201	16.387	ng/ul	99
69) Phenanthrene	17.55	178	59714	2.668	ng/ul	97
74) Fluoranthene	19.55	202	28182	1.127	ng/ul	98
82) Chrysene	21.83	228	35261	1.309	ng/ul#	91

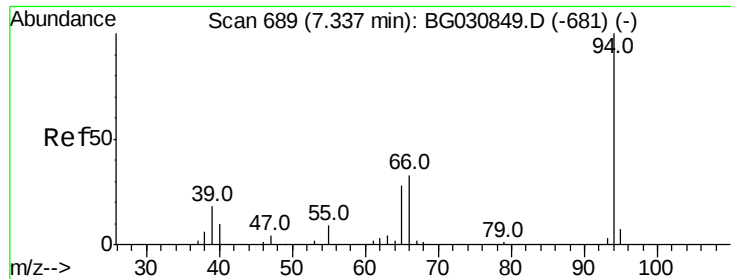
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.755 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030862.D

Acq: 9 Nov 2017 1:21

Instrument :

BNA_G

ClientSampleId :

B0F00

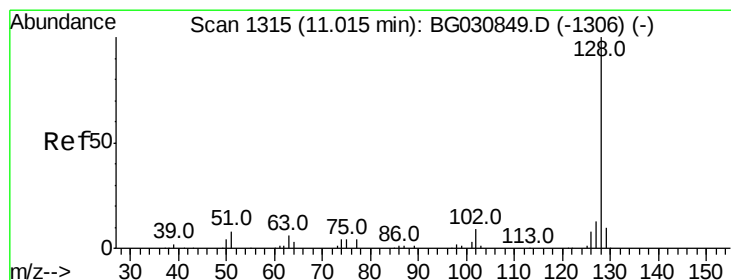
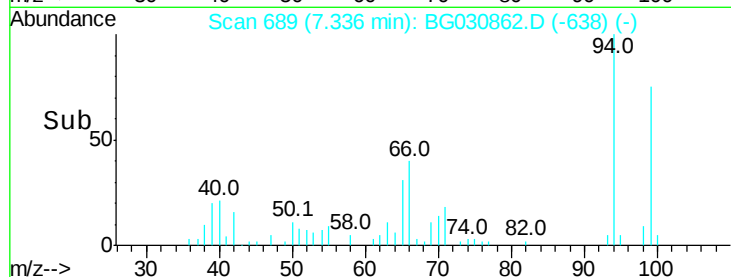
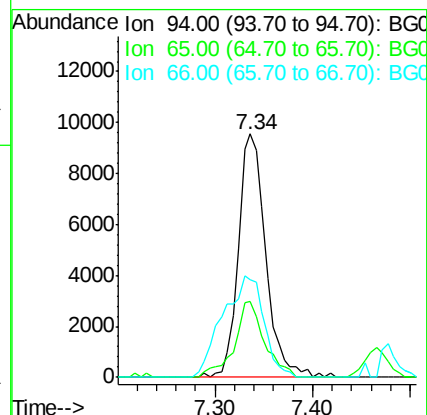
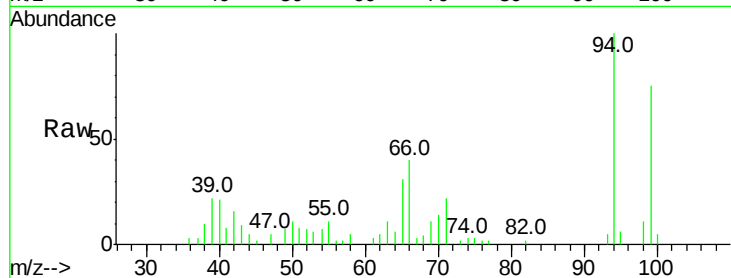
Tot Ion: 94 Resp: 18581

Ion Ratio Lower Upper

94 100

65 31.4 27.1 40.7

66 40.3 34.6 52.0



#28

Naphthalene

Concen: 1.694 ng/ul

RT: 11.01 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG030862.D

Acq: 9 Nov 2017 1:21

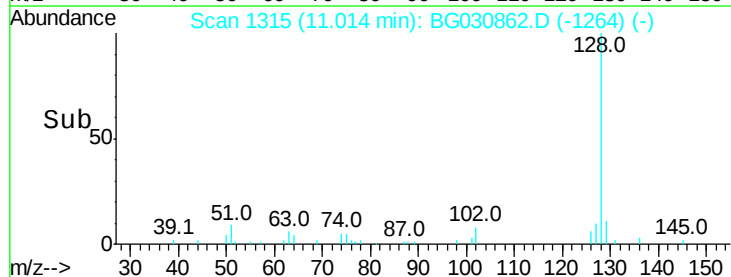
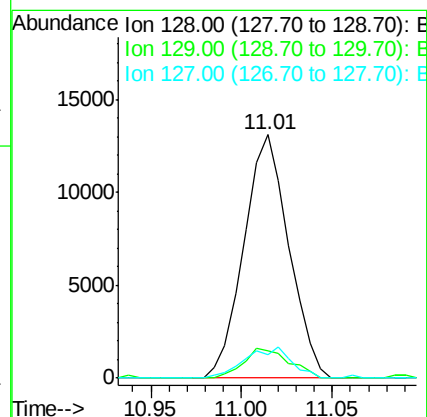
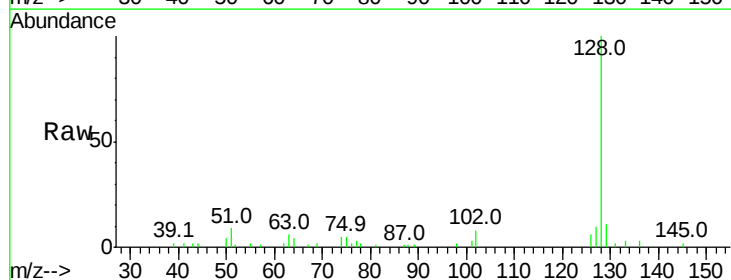
Tgt Ion: 128 Resp: 22522

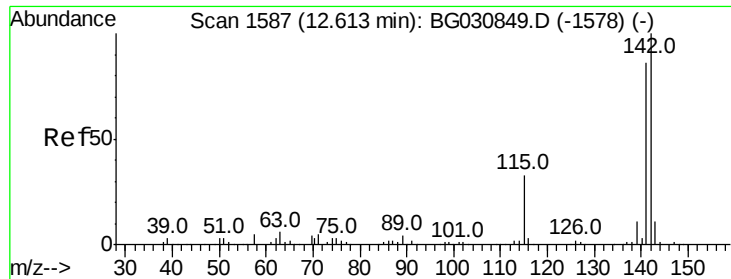
Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

127 9.5 10.7 16.1#

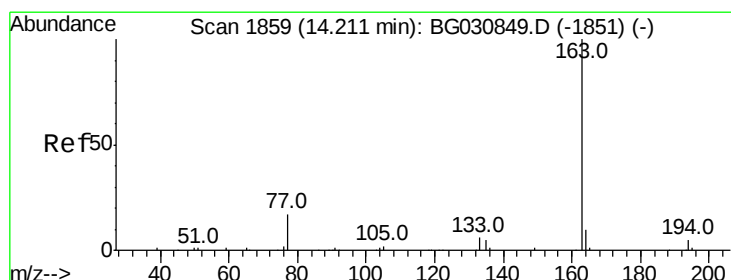
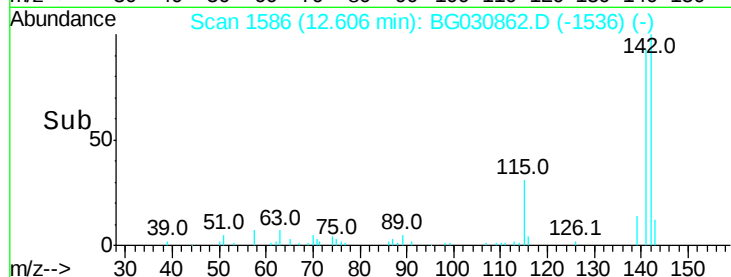
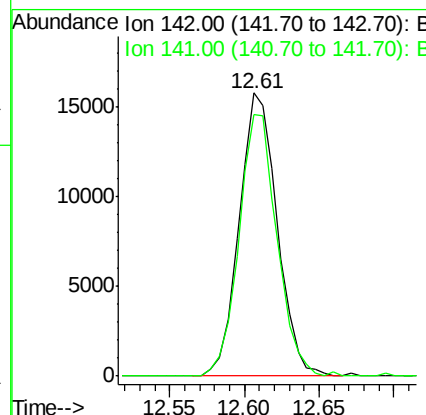
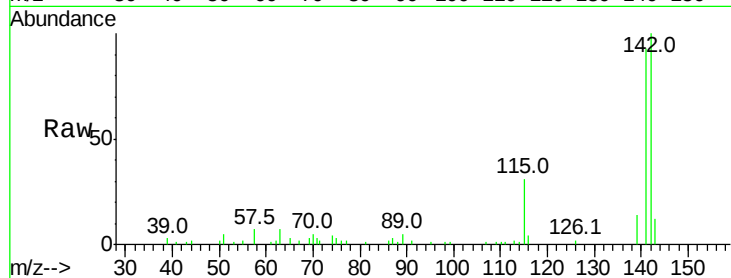




#34
 2-Methylnaphthalene
 Concen: 2.520 ng/ul
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BG030862.D
 Acq: 9 Nov 2017 1:21

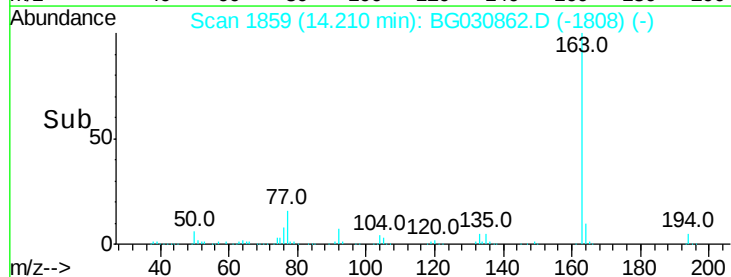
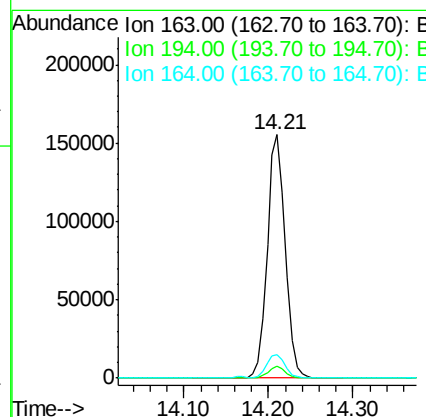
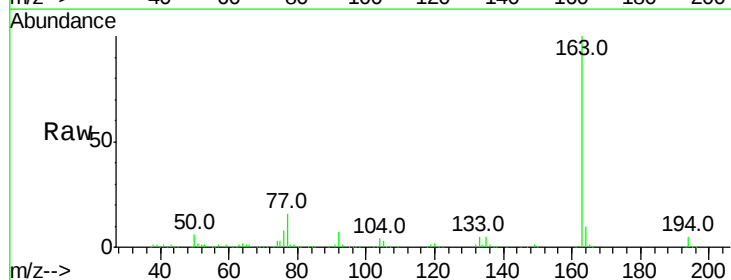
Instrument :
 BNA_G
 ClientSampleId :
 B0F00

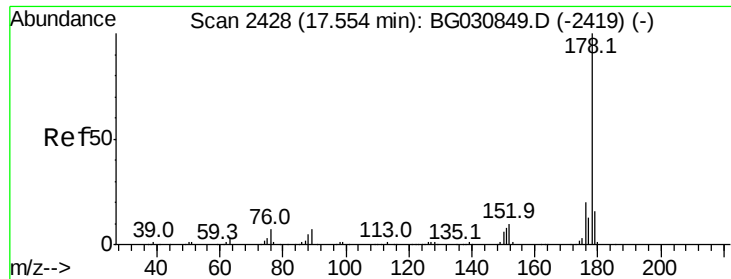
Tot Ion:142 Resp: 27741
 Ion Ratio Lower Upper
 142 100
 141 92.6 75.4 113.0



#44
 Dimethylphthalate
 Concen: 16.387 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: BG030862.D
 Acq: 9 Nov 2017 1:21

Tgt Ion:163 Resp: 231201
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.5 5.3
 164 9.6 7.6 11.4





#69

Phenanthrene

Concen: 2.668 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG030862.D

Acq: 9 Nov 2017 1:21

Instrument :

BNA_G

ClientSampleId :

B0F00

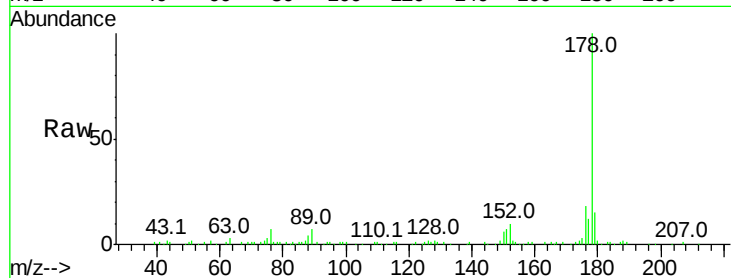
Tot Ion:178 Resp: 59714

Ion Ratio Lower Upper

178 100

179 14.5 13.0 19.6

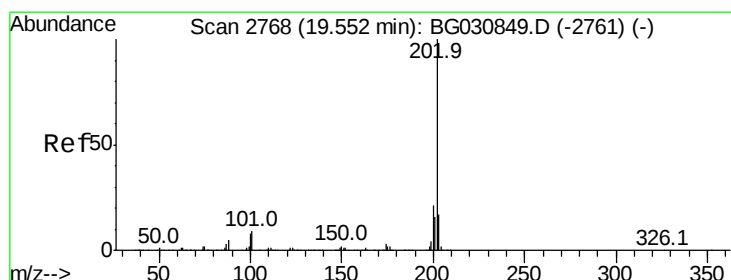
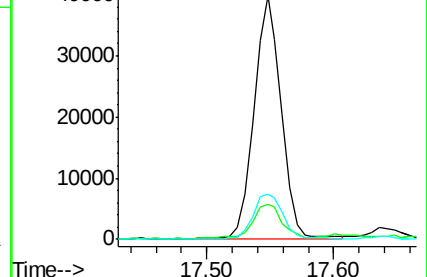
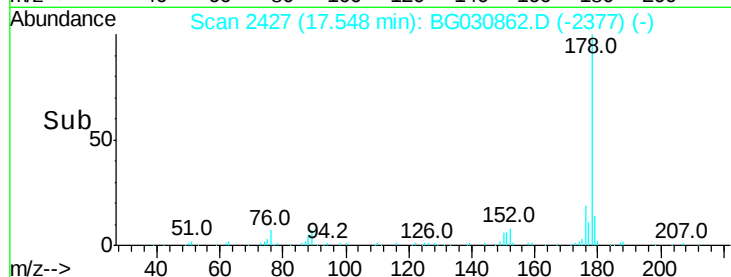
176 18.5 15.3 22.9



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: 1.127 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG030862.D

Acq: 9 Nov 2017 1:21

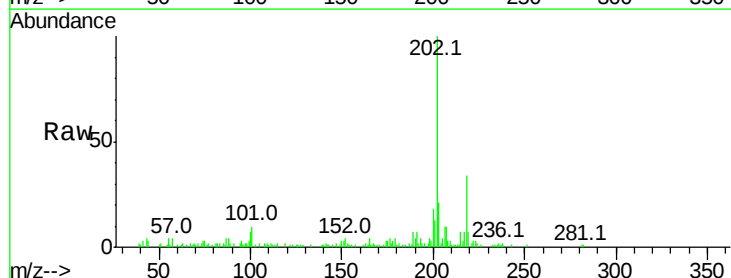
Tgt Ion:202 Resp: 28182

Ion Ratio Lower Upper

202 100

101 10.4 7.4 11.2

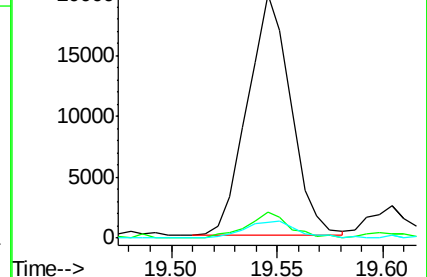
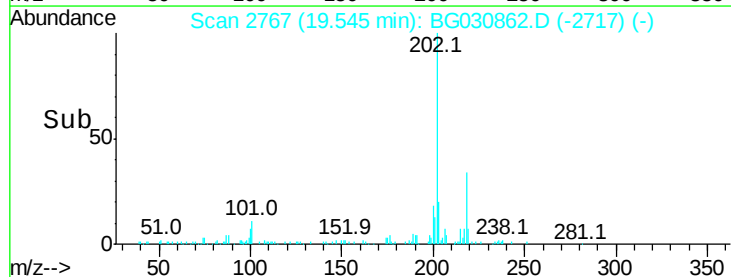
100 6.6 5.6 8.4

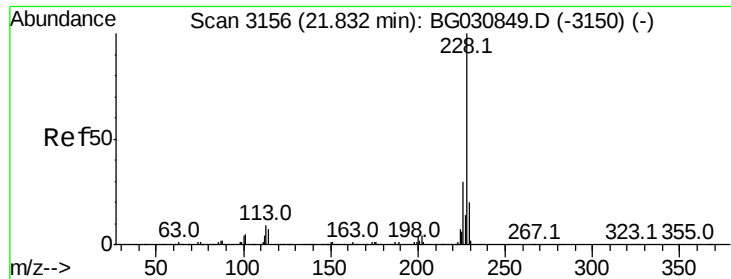


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrvsene

Concen: 1.309 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG030862.D

Acq: 9 Nov 2017 1:21

Instrument :

BNA_G

ClientSampleId :

B0F00

Tot Ion:228 Resp: 35261

Ion Ratio Lower Upper

228 100

226 28.1 24.2 36.2

229 26.3 15.2 22.8#

