

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
 Data File : BG018081.D
 Acq On : 24 Jul 2015 00:58
 Operator : TP/UM
 Sample : G3035-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 24 02:45:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:33:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	49270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	237689	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	155512	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	335492	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	334286	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	338533	20.00	ng/ul	0.00

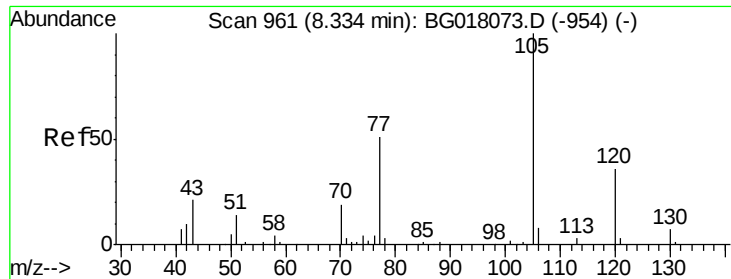
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	2624	3.33	ng/uL	0.00
5) Phenol-d5	6.70	99	66438	17.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	33858	18.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	60057	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	43500	12.91	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	34513	18.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	37242	18.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	59765	17.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	68706	17.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	197330	18.07	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	222125	16.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	30912	13.46	ng/ul	0.00
58) Fluorene-d10	15.18	176	160163	15.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	20838	9.71	ng/ul	0.00
71) Anthracene-d10	17.03	188	227655	15.67	ng/ul	0.00
79) Pyrene-d10	19.34	212	213980	13.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	180657	11.18	ng/ul	0.00

Target Compounds

						Ovalue
14) Acetophenone	8.33	105	13635	2.87	ng/ul	98
45) Dimethylphthalate	13.65	163	54831	4.99	ng/ul	98
70) Phenanthrene	16.98	178	136952	8.12	ng/ul	98
72) Anthracene	17.07	178	20251	1.18	ng/ul	97
77) Fluoranthene	19.00	202	245085	13.65	ng/ul	99
80) Pyrene	19.37	202	221129	11.55	ng/ul	99
83) Benzo(a)anthracene	21.13	228	104277	5.90	ng/ul	99
85) Chrysene	21.17	228	107212	6.44	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	144026	7.77	ng/ul	99
89) Benzo(k)fluoranthene	22.67	252	144026	8.02	ng/ul	98
91) Benzo(a)pyrene	23.23	252	98601	5.49	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	68741	3.32	ng/ul	96
94) Benzo(g,h,i)perylene	26.20	276	62843	3.67	ng/ul	96

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



#14

Acetophenone

Concen: 2.87 ng/ul

RT: 8.33 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Instrument :

BNA_G

ClientSampled :

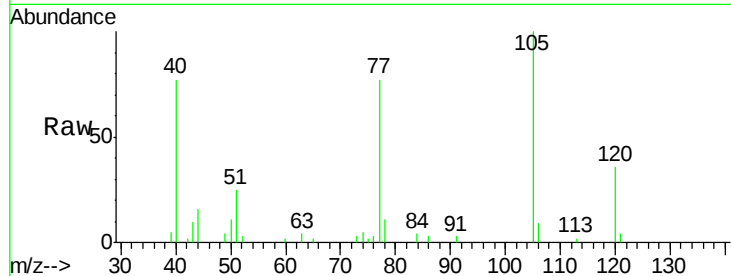
Tot Ion:105 Resp: 13635

Ion Ratio Lower Upper

105 100

77 76.8 61.7 92.5

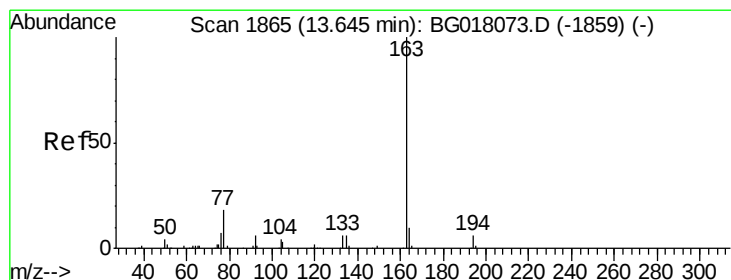
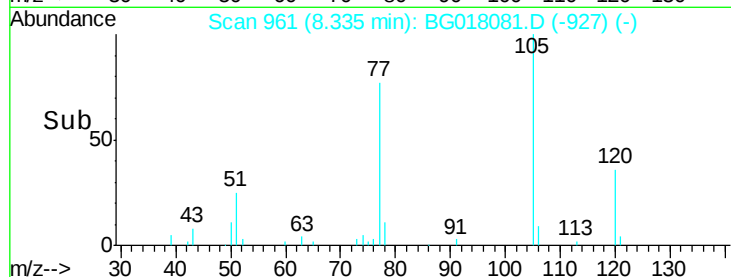
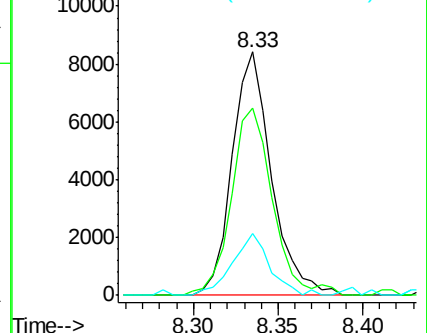
51 25.3 18.1 27.1



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#45

Dimethylphthalate

Concen: 4.99 ng/ul

RT: 13.65 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

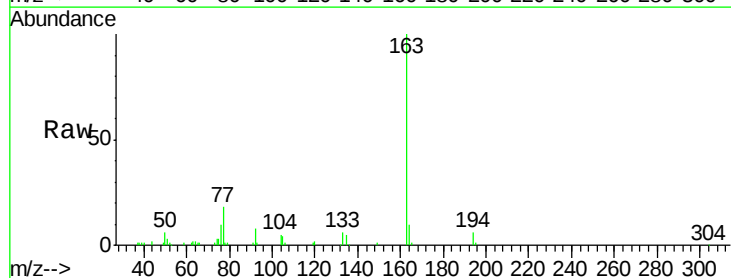
Tgt Ion:163 Resp: 54831

Ion Ratio Lower Upper

163 100

194 6.3 5.4 8.2

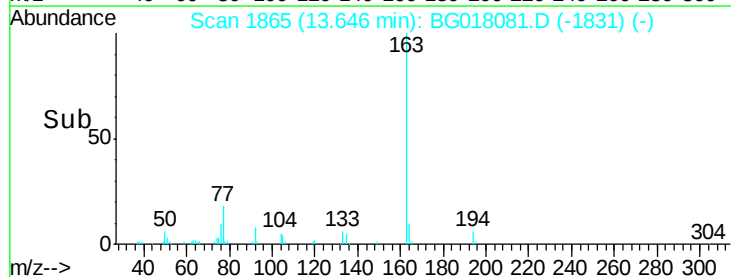
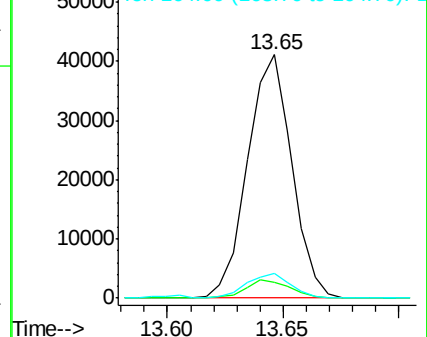
164 10.0 8.7 13.1

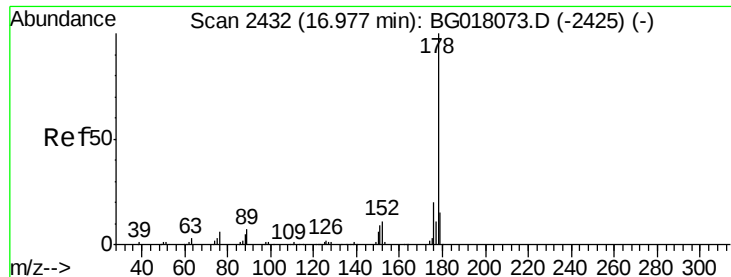


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

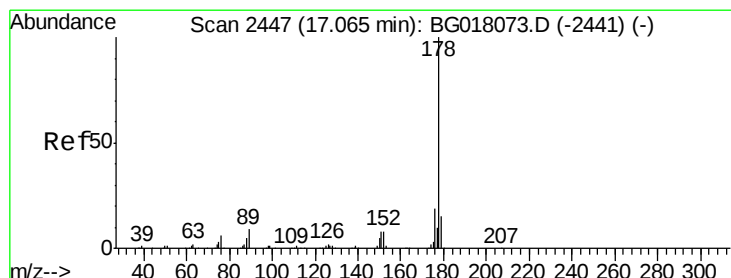
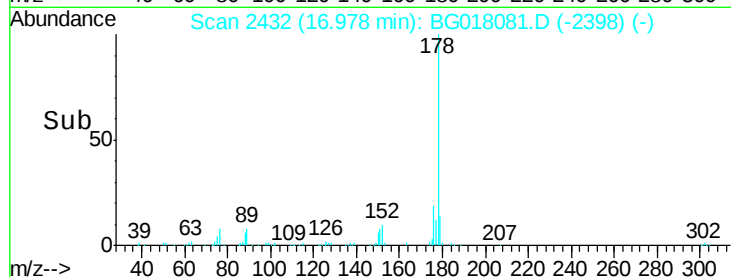
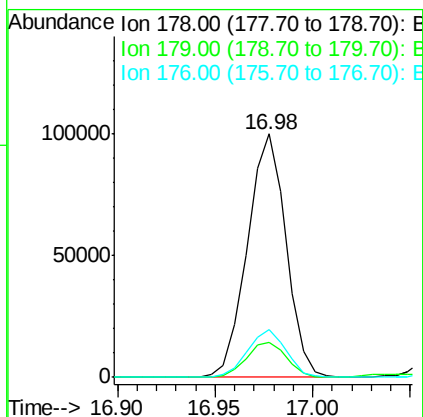
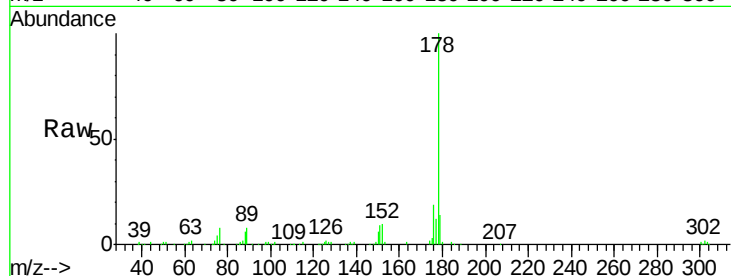




#70
Phenanthrene
Concen: 8.12 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BG018081.D
Acq: 24 Jul 2015 00:58

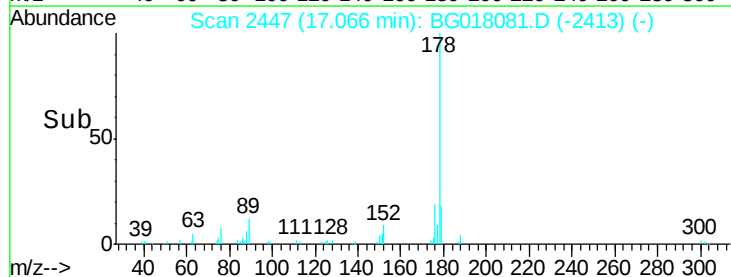
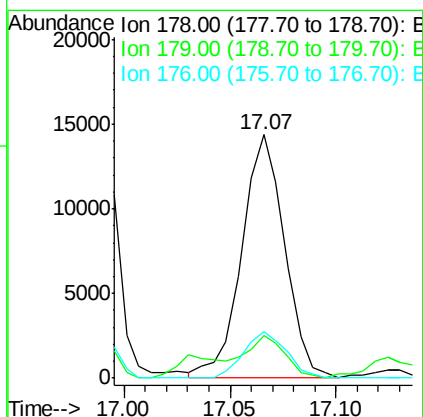
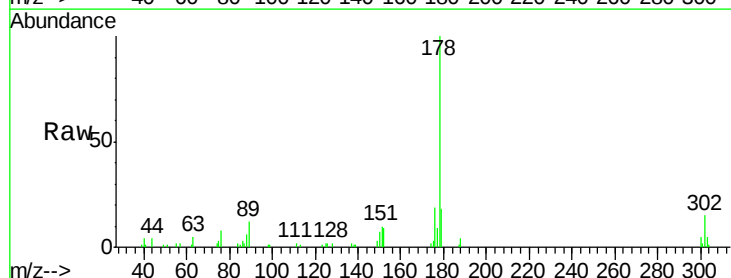
Instrument :
BNA_G
ClientSampleId :

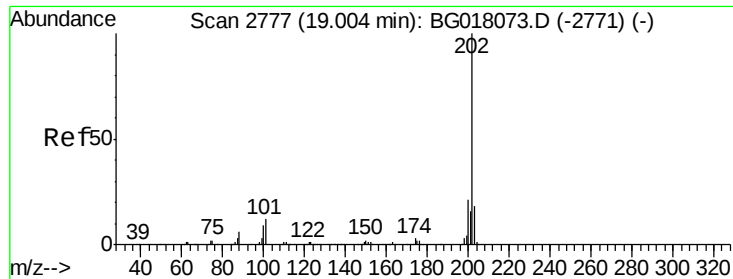
Tot Ion:178 Resp: 136952
Ion Ratio Lower Upper
178 100
179 14.4 13.0 19.6
176 19.4 15.8 23.8



#72
Anthracene
Concen: 1.18 ng/ul
RT: 17.07 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG018081.D
Acq: 24 Jul 2015 00:58

Tgt Ion:178 Resp: 20251
Ion Ratio Lower Upper
178 100
179 17.8 12.4 18.6
176 19.1 15.8 23.8

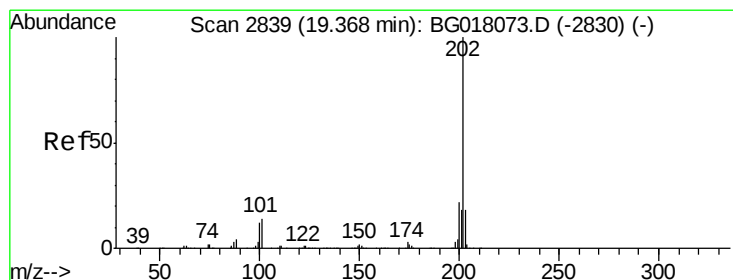
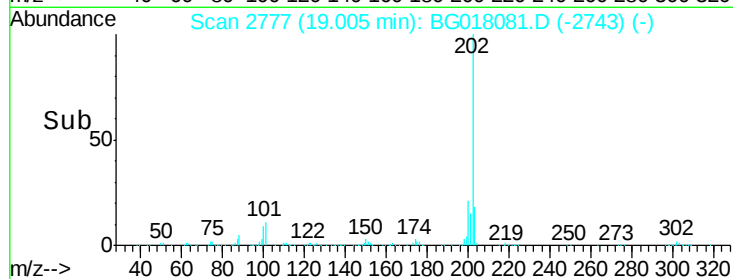
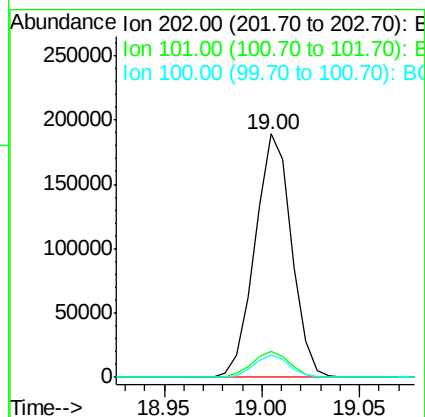
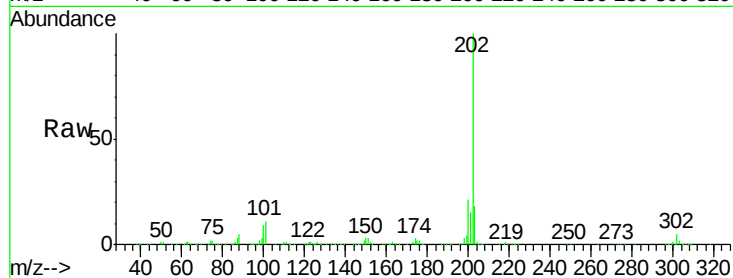




#77
 Fluoranthene
 Concen: 13.65 ng/ul
 RT: 19.00 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG018081.D
 Acq: 24 Jul 2015 00:58

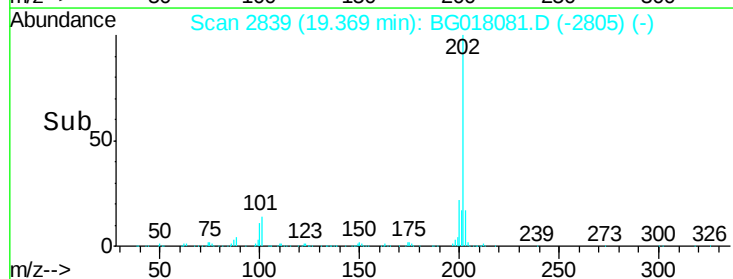
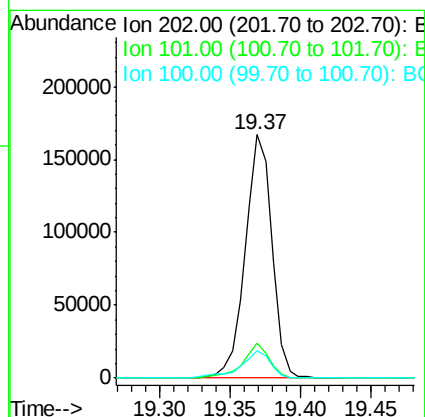
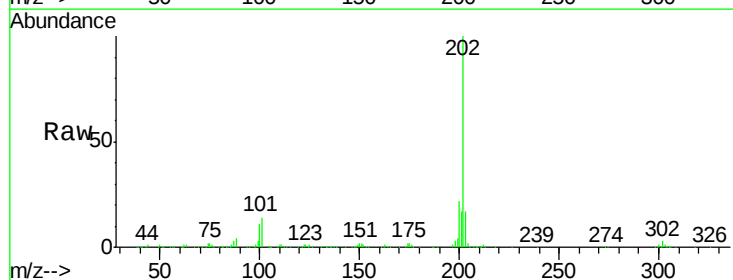
Instrument :
 BNA_G
 ClientSampleId :

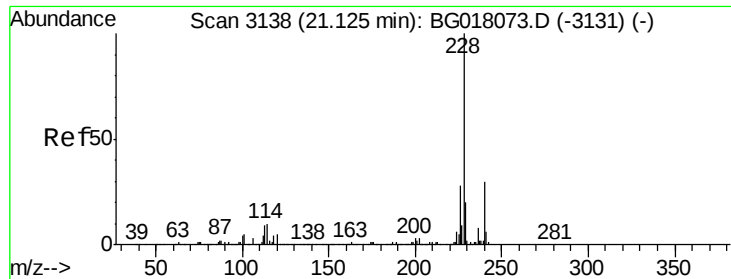
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.1	13.7
100	9.2	7.5	11.3



#80
 Pyrene
 Concen: 11.55 ng/ul
 RT: 19.37 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BG018081.D
 Acq: 24 Jul 2015 00:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.9	16.3
100	11.0	8.5	12.7

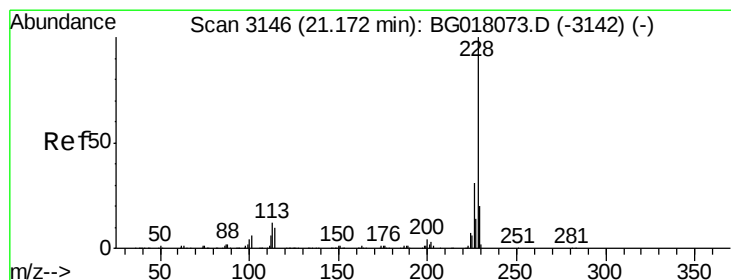
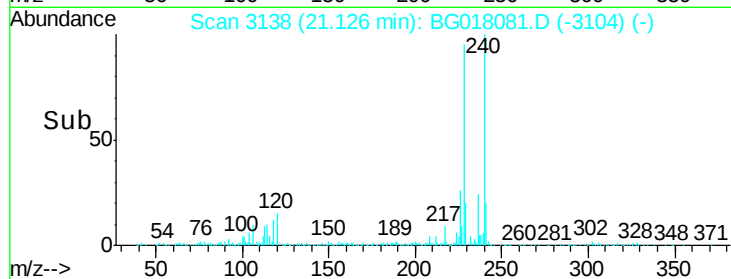
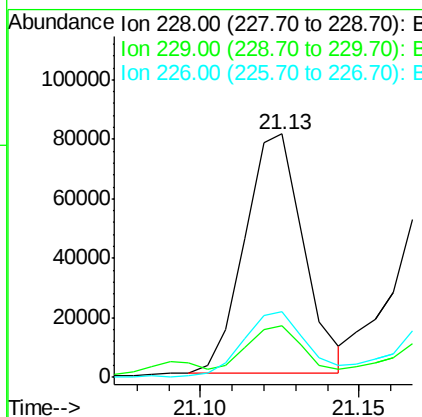
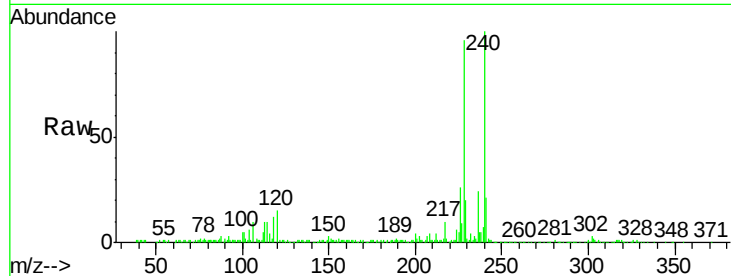




#83
Benzo(a)anthracene
Concen: 5.90 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG018081.D
Acq: 24 Jul 2015 00:58

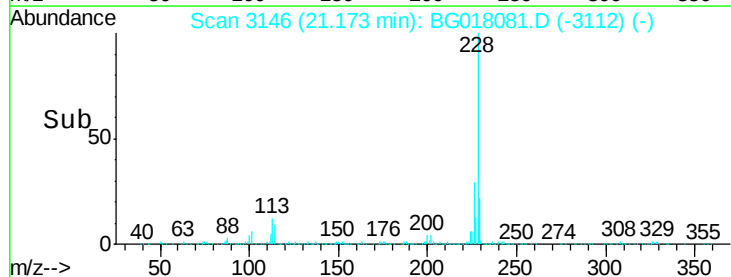
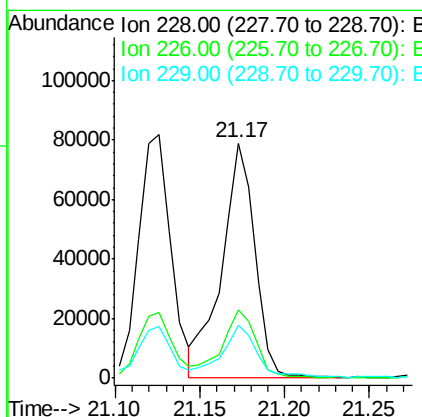
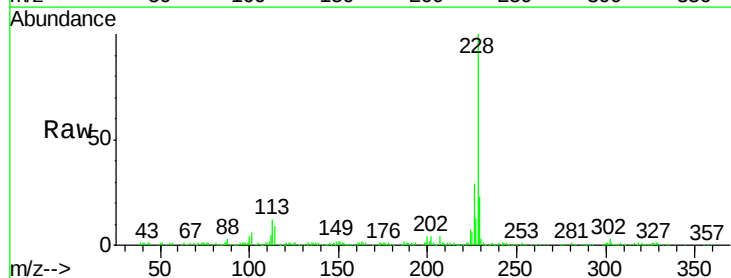
Instrument :
BNA_G
ClientSampled :

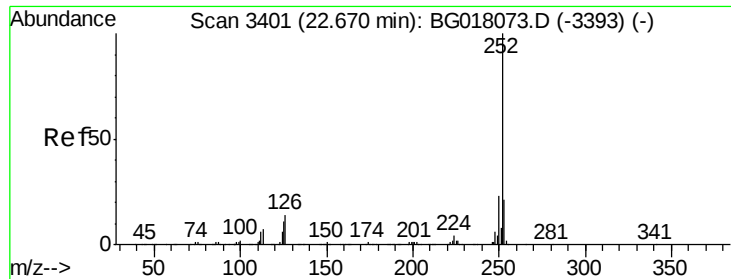
Tot Ion:228 Resp: 104277
Ion Ratio Lower Upper
228 100
229 21.3 16.6 24.8
226 27.2 21.1 31.7



#85
Chrysene
Concen: 6.44 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG018081.D
Acq: 24 Jul 2015 00:58

Tgt Ion:228 Resp: 107212
Ion Ratio Lower Upper
228 100
226 29.0 22.9 34.3
229 22.7 15.6 23.4

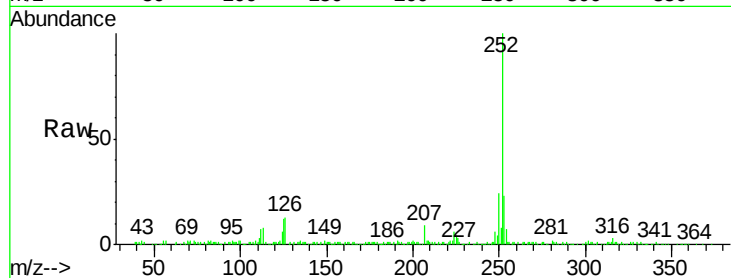




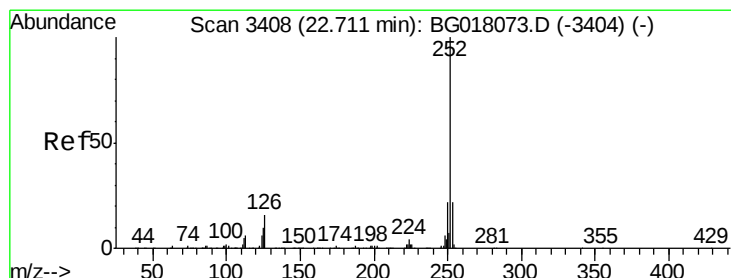
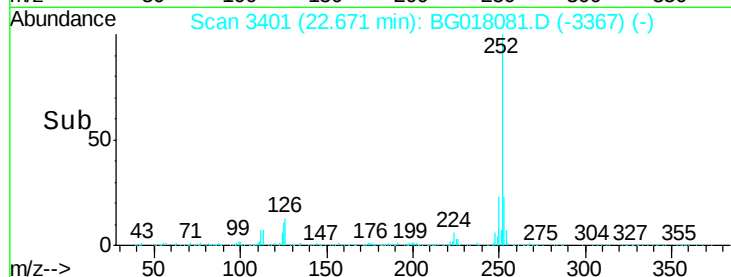
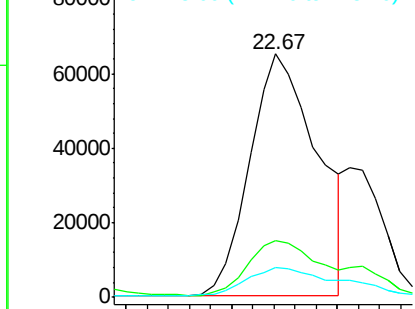
#88
Benzo(b)fluoranthene
Concen: 7.77 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BG018081.D
Acq: 24 Jul 2015 00:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 144026
Ion Ratio Lower Upper
252 100
253 23.2 18.5 27.7
125 12.1 9.1 13.7

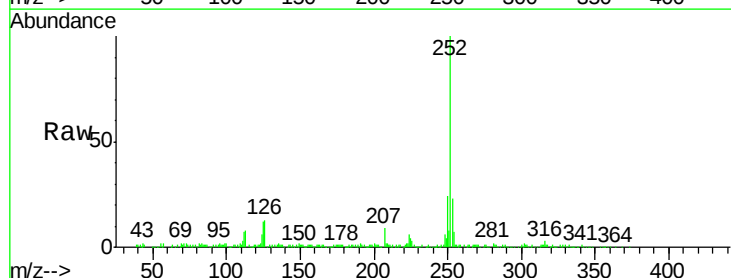


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

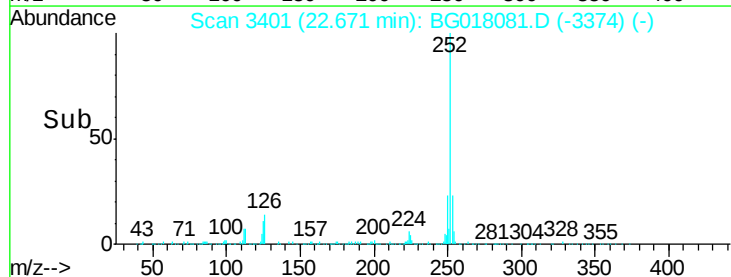
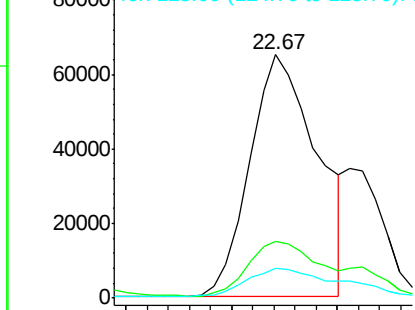


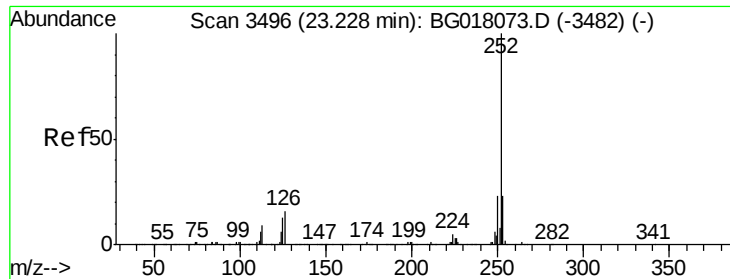
#89
Benzo(k)fluoranthene
Concen: 8.02 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. -0.04 min
Lab File: BG018081.D
Acq: 24 Jul 2015 00:58

Tgt Ion:252 Resp: 144026
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 12.1 9.3 13.9



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

Benzo(a)pyrene

Concen: 5.49 ng/ul

RT: 23.23 min Scan# 3496

Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Instrument :

BNA_G

ClientSampleId :

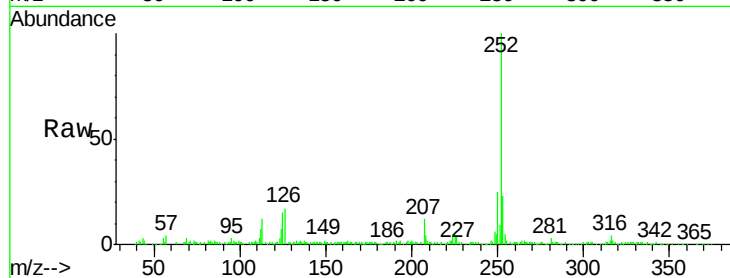
Tot Ion:252 Resp: 98601

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

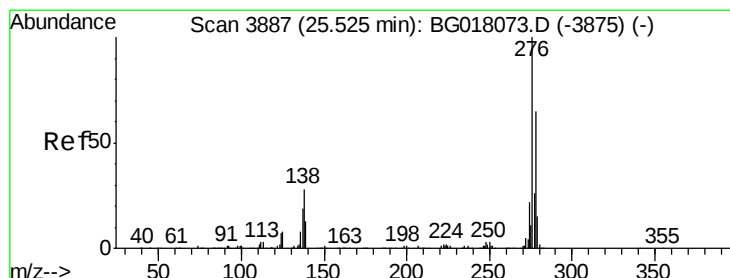
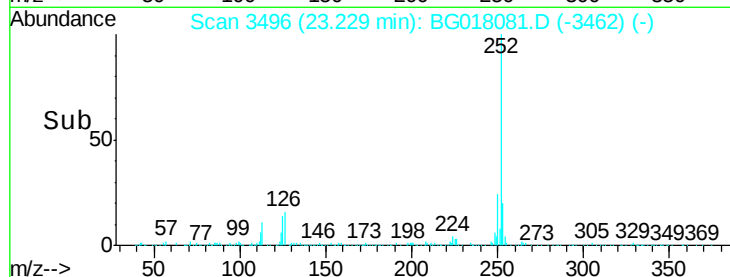
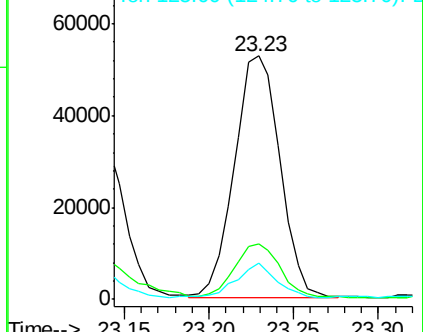
125 14.9 10.2 15.2



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.32 ng/ul

RT: 25.53 min Scan# 3887

Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

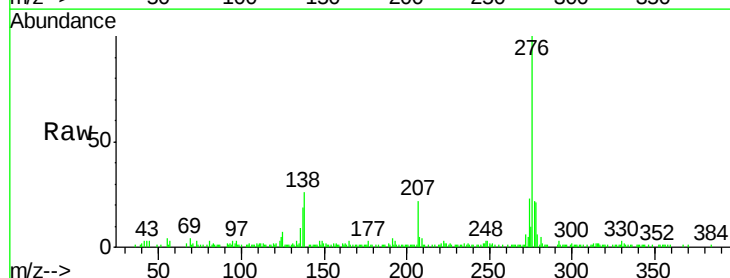
Tgt Ion:276 Resp: 68741

Ion Ratio Lower Upper

276 100

138 26.3 22.6 33.8

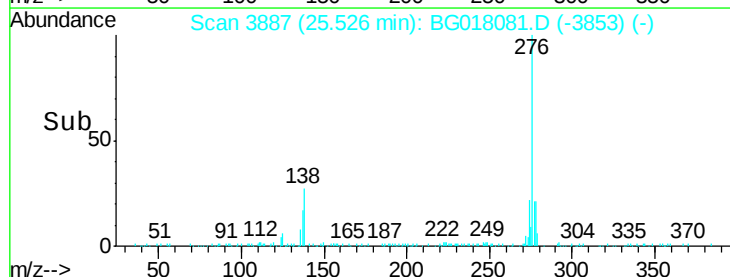
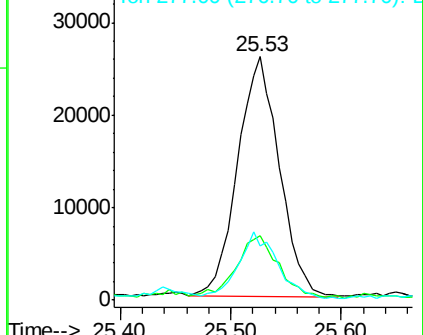
277 22.1 19.8 29.8

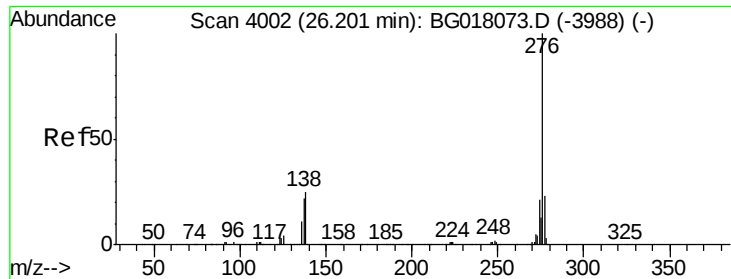


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 3.67 ng/ul

RT: 26.20 min Scan# 4002

Delta R.T. 0.00 min

Lab File: BG018081.D

Acq: 24 Jul 2015 00:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 62843

Ion Ratio Lower Upper

276 100

138 24.8 18.8 28.2

277 26.3 19.3 28.9

