

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
 Data File : BG018074.D
 Acq On : 23 Jul 2015 20:53
 Operator : TP/UM
 Sample : G3035-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 24 01:33:57 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	43026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	217012	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	150476	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	359420	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	365318	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	363004	20.00	ng/ul	0.00

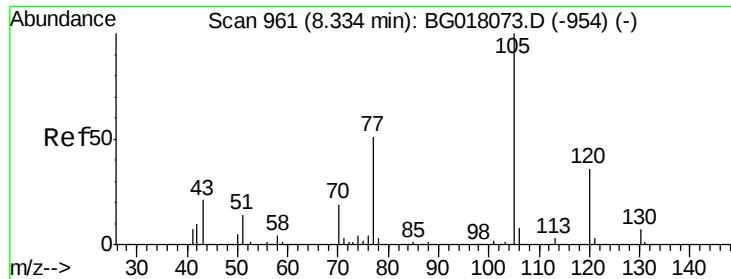
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1587	2.31	ng/uL	0.00
5) Phenol-d5	6.70	99	39001	11.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	21896	13.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	35880	12.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	25622	8.70	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	20222	11.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	20232	11.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	34607	10.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	39362	10.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	128417	12.16	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	151982	11.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	20408	9.18	ng/ul	0.00
58) Fluorene-d10	15.18	176	111493	11.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	15946	6.94	ng/ul	0.00
71) Anthracene-d10	17.03	188	167308	10.75	ng/ul	0.00
79) Pyrene-d10	19.34	212	172934	10.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	145207	8.38	ng/ul	0.00

Target Compounds

						Ovalue
14) Acetophenone	8.33	105	13416	3.23	ng/ul	97
45) Dimethylphthalate	13.65	163	39042	3.67	ng/ul	99
70) Phenanthrene	16.98	178	43354	2.40	ng/ul	97
77) Fluoranthene	19.00	202	97464	5.07	ng/ul	99
80) Pyrene	19.37	202	114420	5.47	ng/ul	99
83) Benzo(a)anthracene	21.12	228	53435	2.77	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	13991	1.14	ng/ul	98
85) Chrysene	21.12	228	55157	3.03	ng/ul	95
88) Benzo(b)fluoranthene	22.67	252	74106	3.73	ng/ul	99
89) Benzo(k)fluoranthene	22.67	252	74106	3.85	ng/ul	98
91) Benzo(a)pyrene	23.23	252	54033	2.81	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.51	276	37219	1.67	ng/ul	98
94) Benzo(g,h,i)perylene	26.19	276	24509	1.33	ng/ul	97

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



#14

Acetophenone

Concen: 3.23 ng/ul

RT: 8.33 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

Instrument :

BNA_G

ClientSampleId :

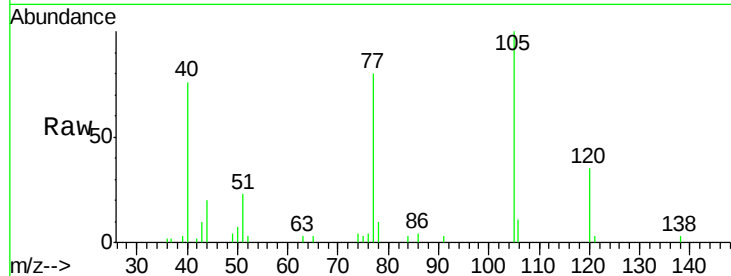
Tot Ion:105 Resp: 13416

Ion Ratio Lower Upper

105 100

77 80.4 61.7 92.5

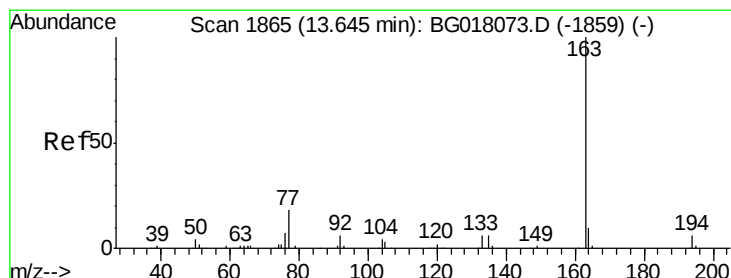
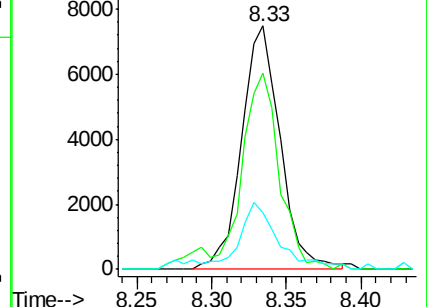
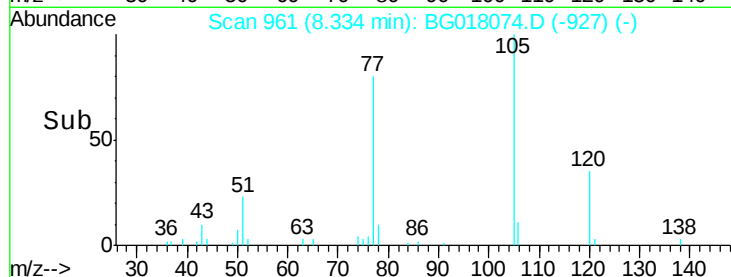
51 23.3 18.1 27.1



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: 3.67 ng/ul

RT: 13.65 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

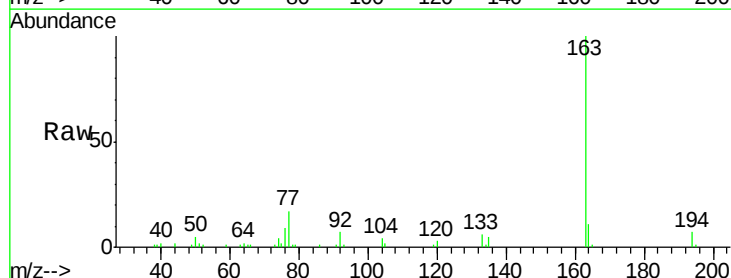
Tgt Ion:163 Resp: 39042

Ion Ratio Lower Upper

163 100

194 7.3 5.4 8.2

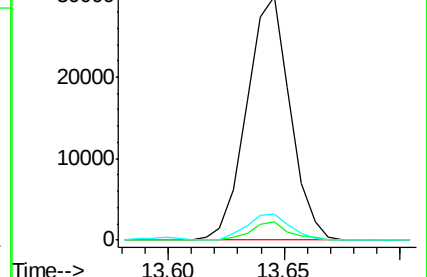
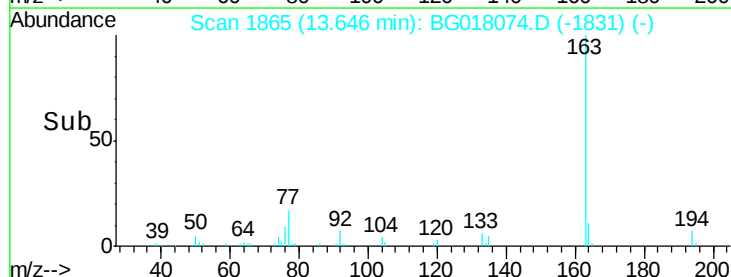
164 10.5 8.7 13.1

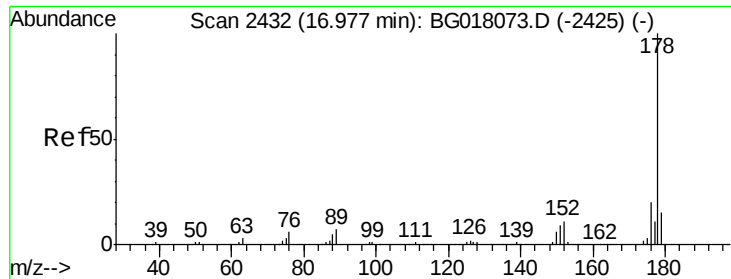


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.40 ng/ul

RT: 16.98 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

Instrument :

BNA_G

ClientSampleId :

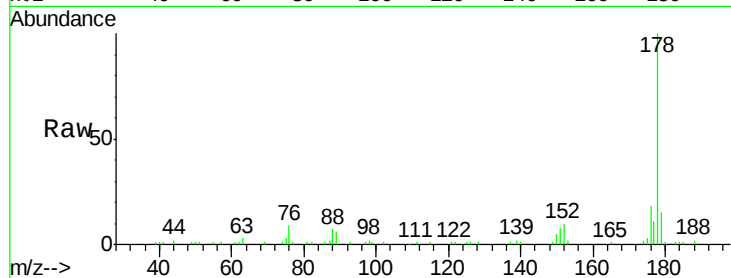
Tot Ion:178 Resp: 43354

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

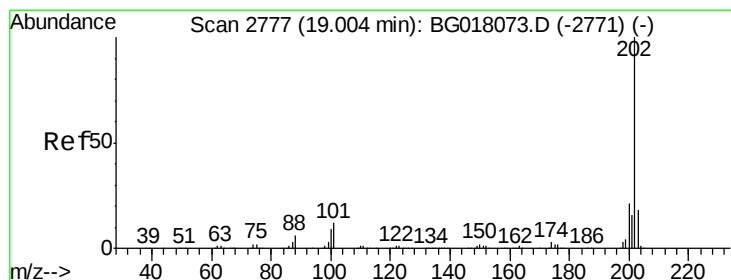
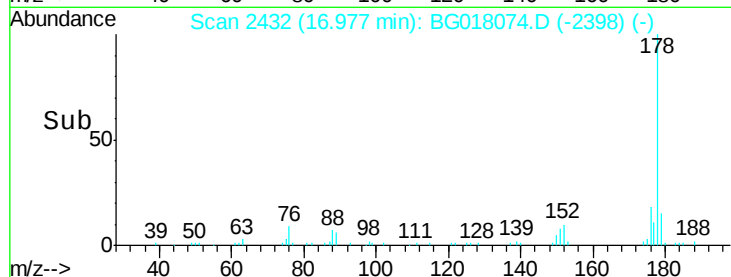
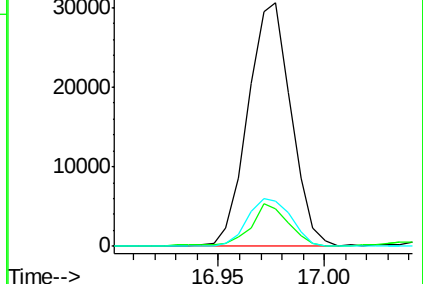
176 18.4 15.8 23.8



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



#77

Fluoranthene

Concen: 5.07 ng/ul

RT: 19.00 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

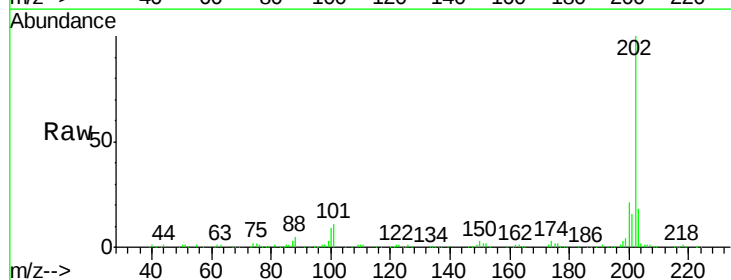
Tgt Ion:202 Resp: 97464

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

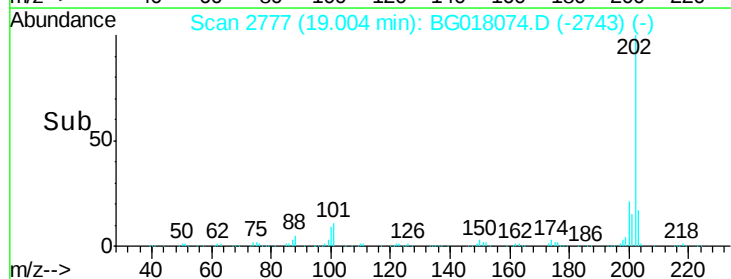
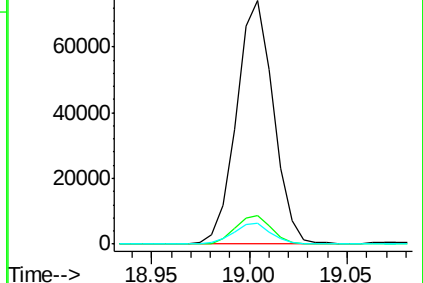
100 8.6 7.5 11.3

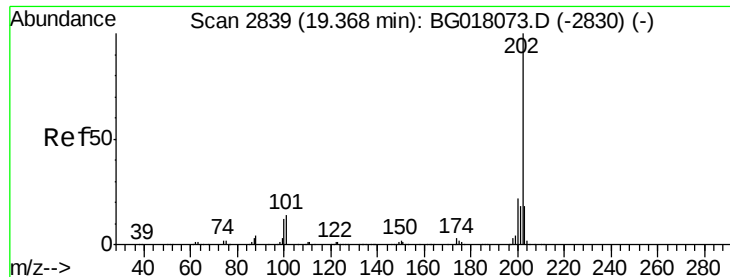


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

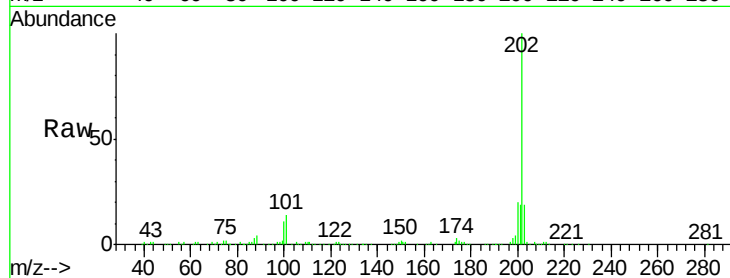




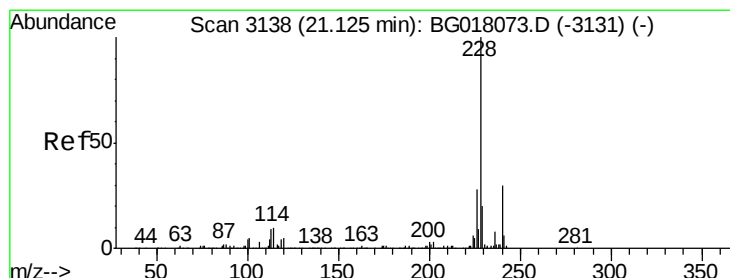
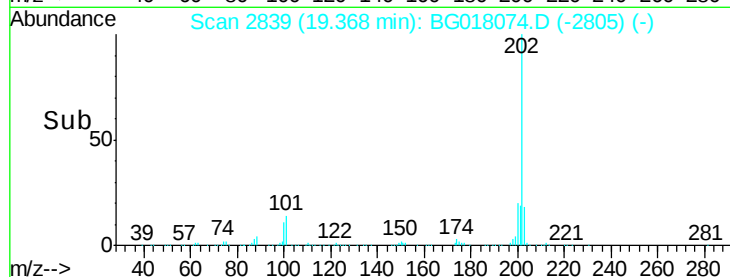
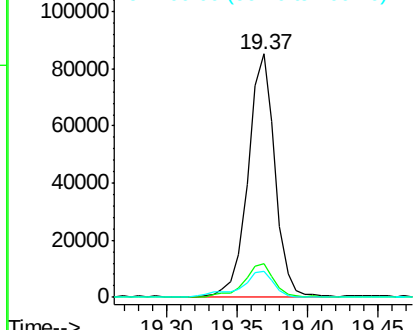
#80
Pvrene
Concen: 5.47 ng/ul
RT: 19.37 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 114420
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 10.7 8.5 12.7

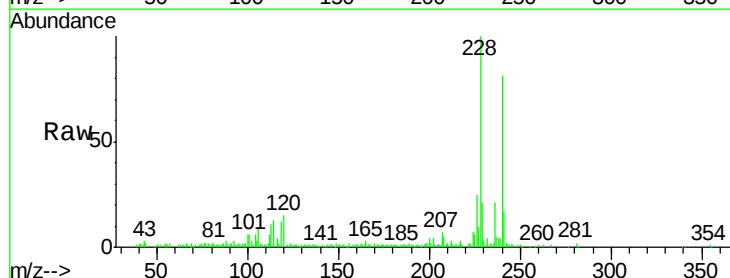


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

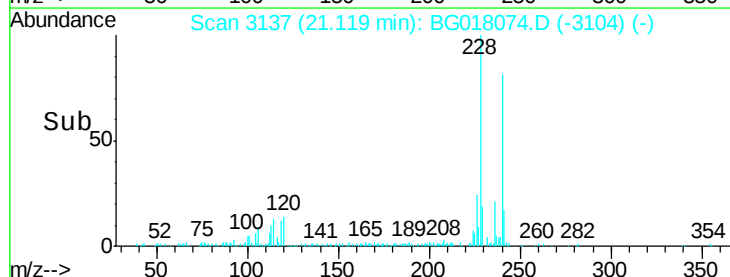
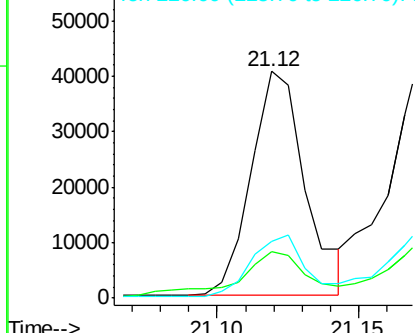


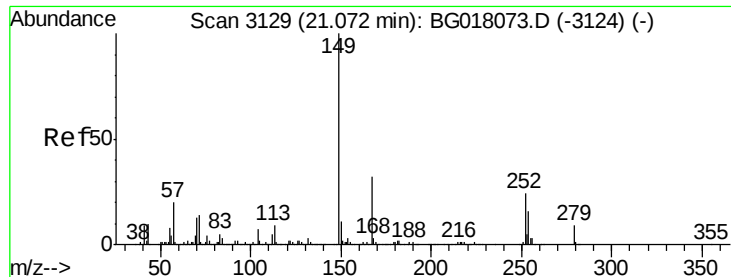
#83
Benzo(a)anthracene
Concen: 2.77 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Tgt Ion:228 Resp: 53435
Ion Ratio Lower Upper
228 100
229 20.5 16.6 24.8
226 24.9 21.1 31.7



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.14 ng/ul

RT: 21.07 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

Instrument :

BNA_G

ClientSampleId :

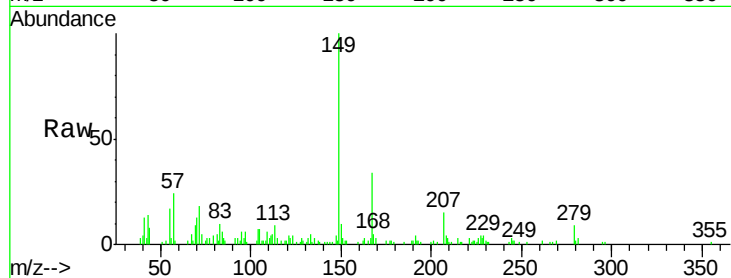
Tot Ion:149 Resp: 13991

Ion Ratio Lower Upper

149 100

167 34.1 26.2 39.4

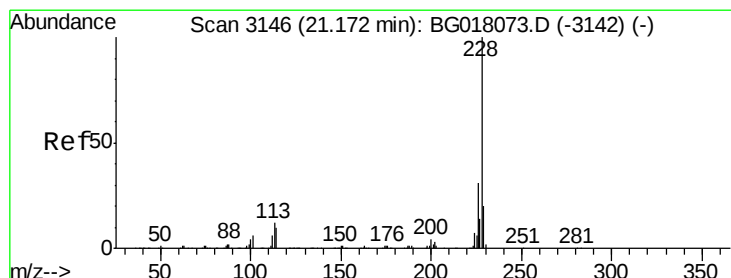
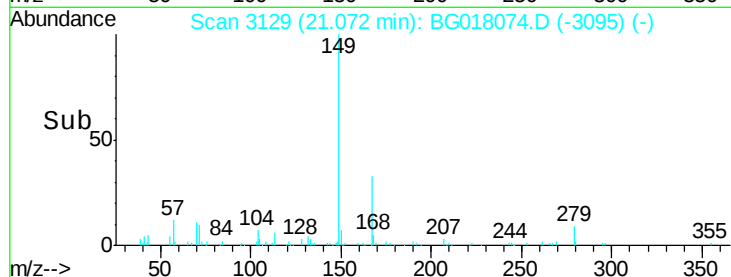
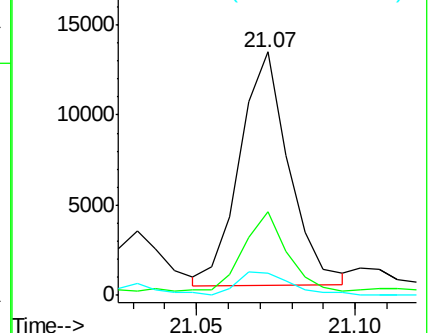
279 9.1 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 3.03 ng/ul

RT: 21.12 min Scan# 3137

Delta R.T. -0.05 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

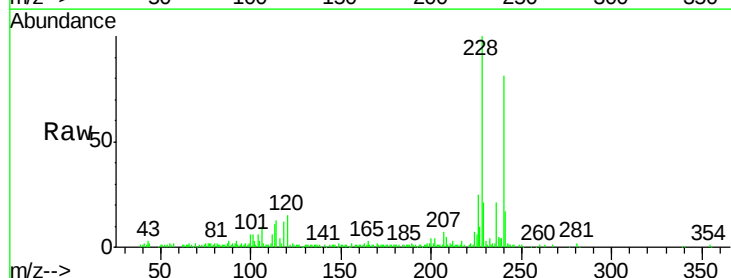
Tgt Ion:228 Resp: 55157

Ion Ratio Lower Upper

228 100

226 24.9 22.9 34.3

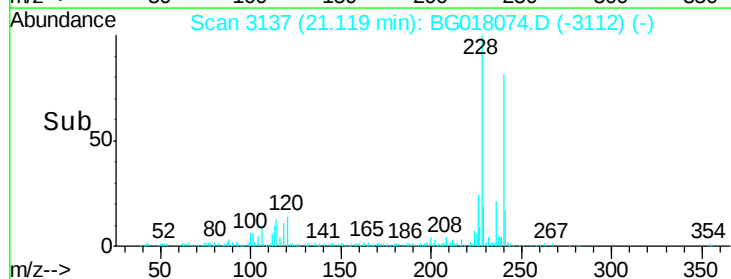
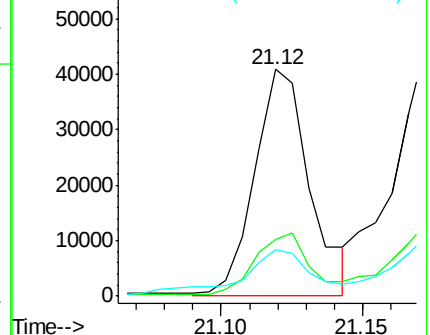
229 20.5 15.6 23.4

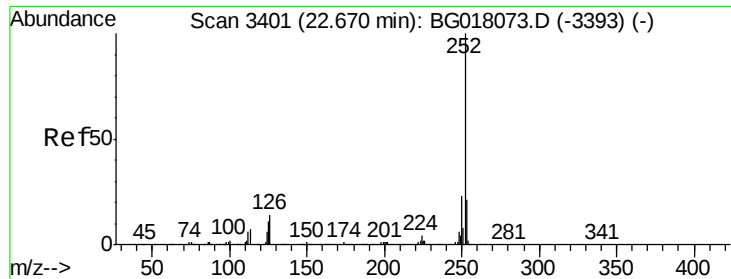


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

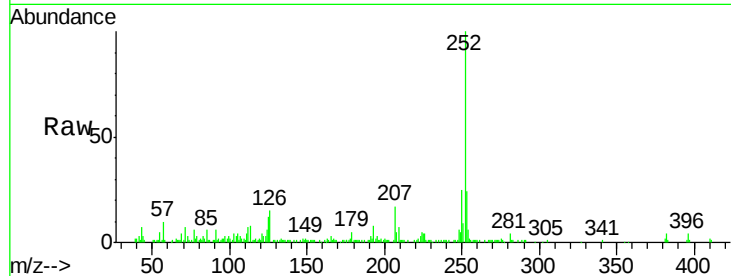




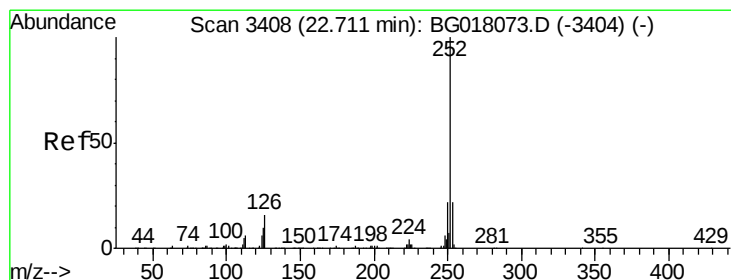
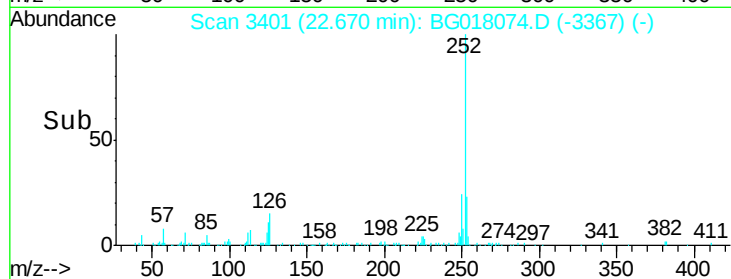
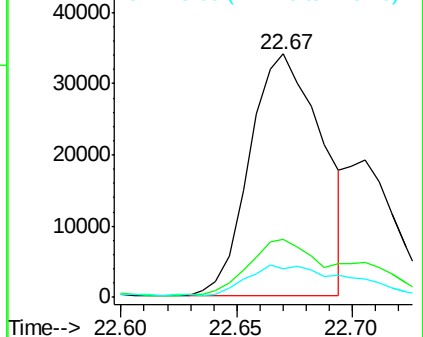
#88
Benzo(b)fluoranthene
Concen: 3.73 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 74106
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 11.6 9.1 13.7

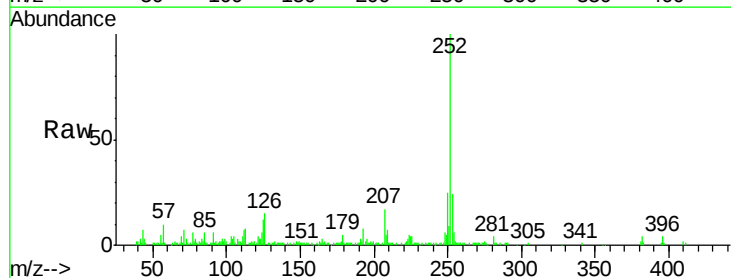


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

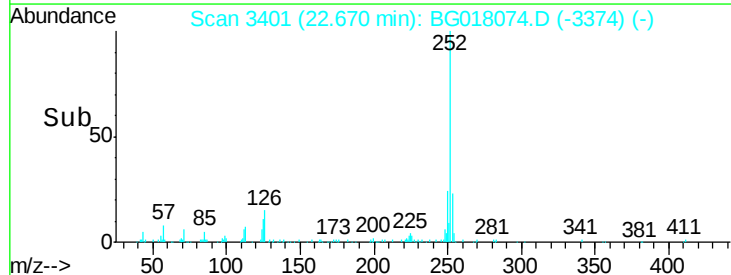
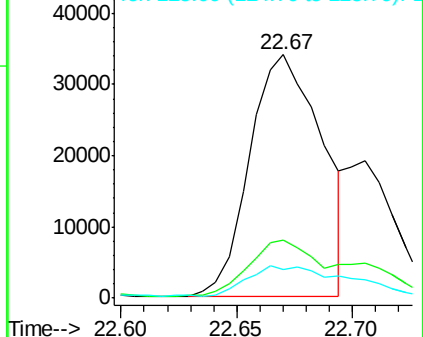


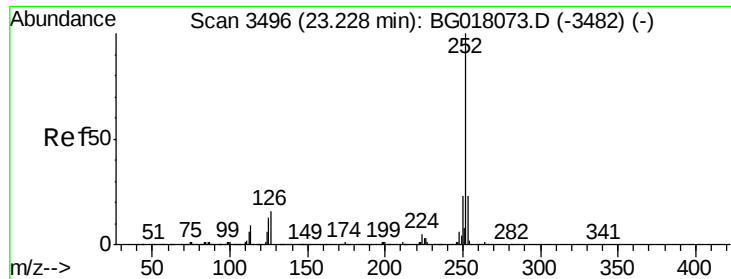
#89
Benzo(k)fluoranthene
Concen: 3.85 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. -0.04 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Tgt Ion:252 Resp: 74106
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 11.6 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

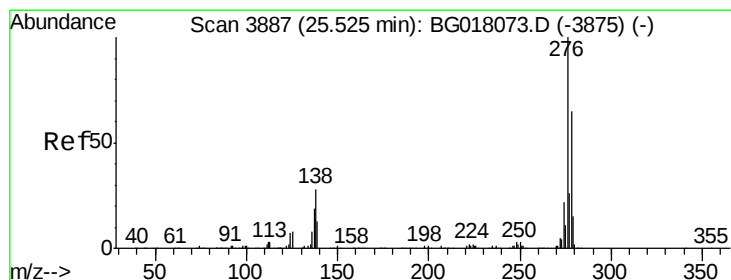
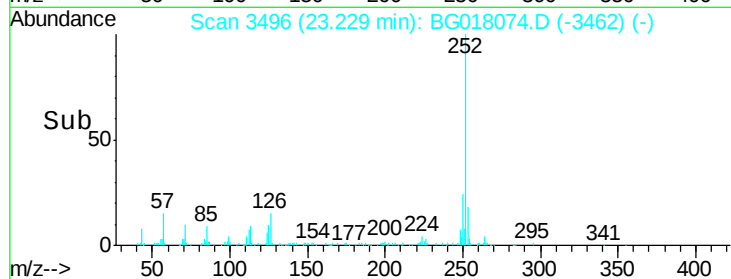
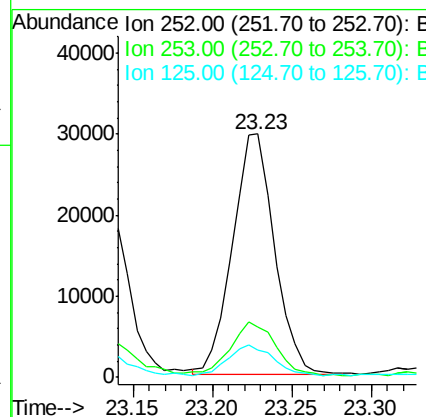
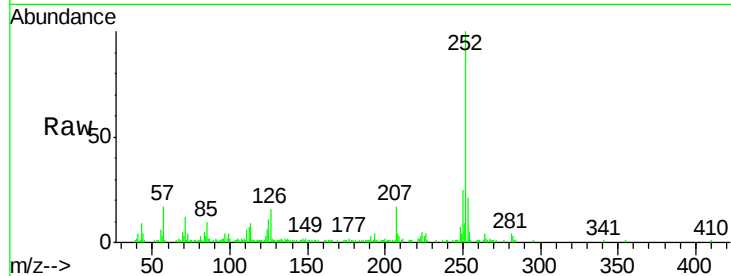




#91
Benzo(a)pyrene
Concen: 2.81 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

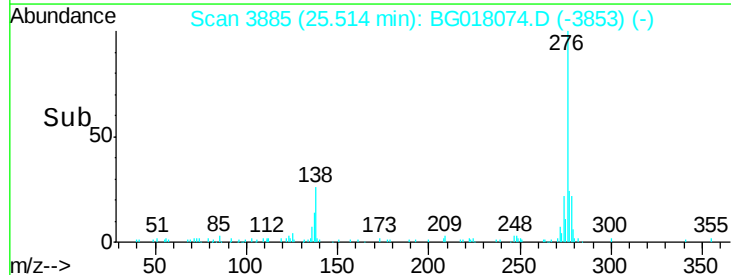
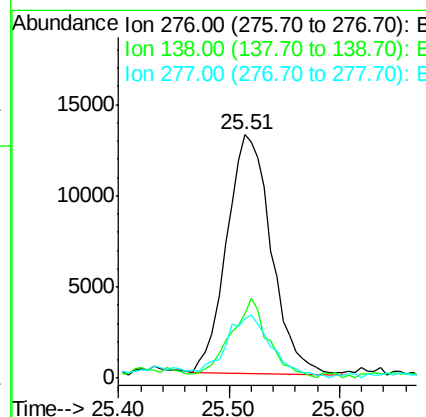
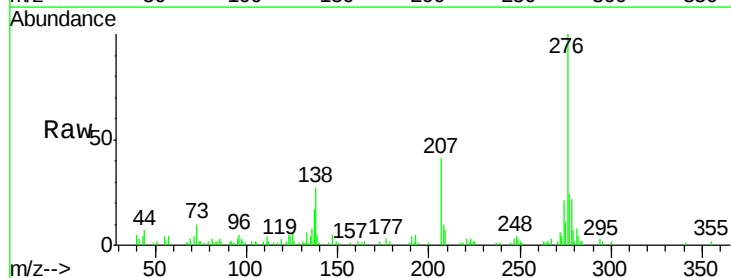
Instrument :
BNA_G
ClientSampleId :

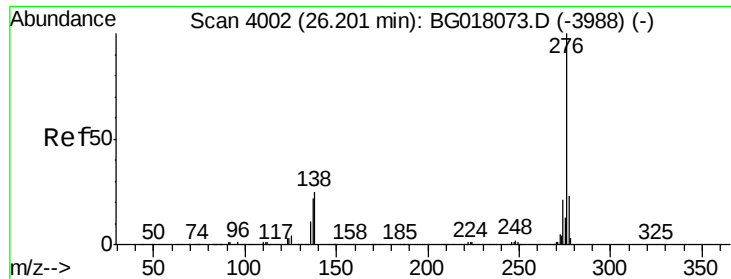
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.0	27.0
125	11.3	10.2	15.2



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.67 ng/ul
RT: 25.51 min Scan# 3885
Delta R.T. -0.01 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.6	33.8
277	24.2	19.8	29.8





#94

Benzo(a,h,i)perylene

Concen: 1.33 ng/ul

RT: 26.19 min Scan# 4000

Delta R.T. -0.01 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

Instrument :

BNA_G

ClientSampleId :

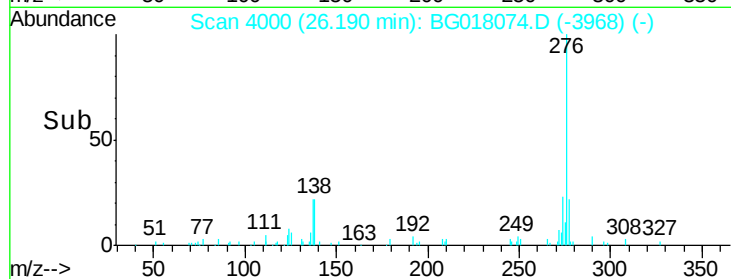
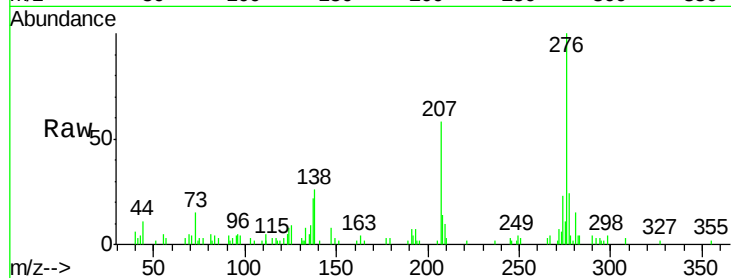
Tot Ion: 276 Resp: 24509

Ion Ratio Lower Upper

276 100

138 25.9 18.8 28.2

277 24.5 19.3 28.9



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

