

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
 Data File : BG018083.D
 Acq On : 24 Jul 2015 2:08
 Operator : TP/UM
 Sample : G3035-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 24 02:45:59 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	52829	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	252651	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	164648	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	340394	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	346110	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	350592	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	2489	2.94	ng/uL	0.00
5) Phenol-d5	6.70	99	66083	16.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	34947	17.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	62433	17.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	49839	13.79	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	33844	16.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	37658	17.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	60326	16.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	77819	18.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	197996	17.13	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	221476	15.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	27279	11.22	ng/ul	0.00
58) Fluorene-d10	15.18	176	153261	14.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	13927	6.40	ng/ul	0.00
71) Anthracene-d10	17.03	188	196092	13.30	ng/ul	0.00
79) Pyrene-d10	19.34	212	193739	12.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	158505	9.47	ng/ul	0.00

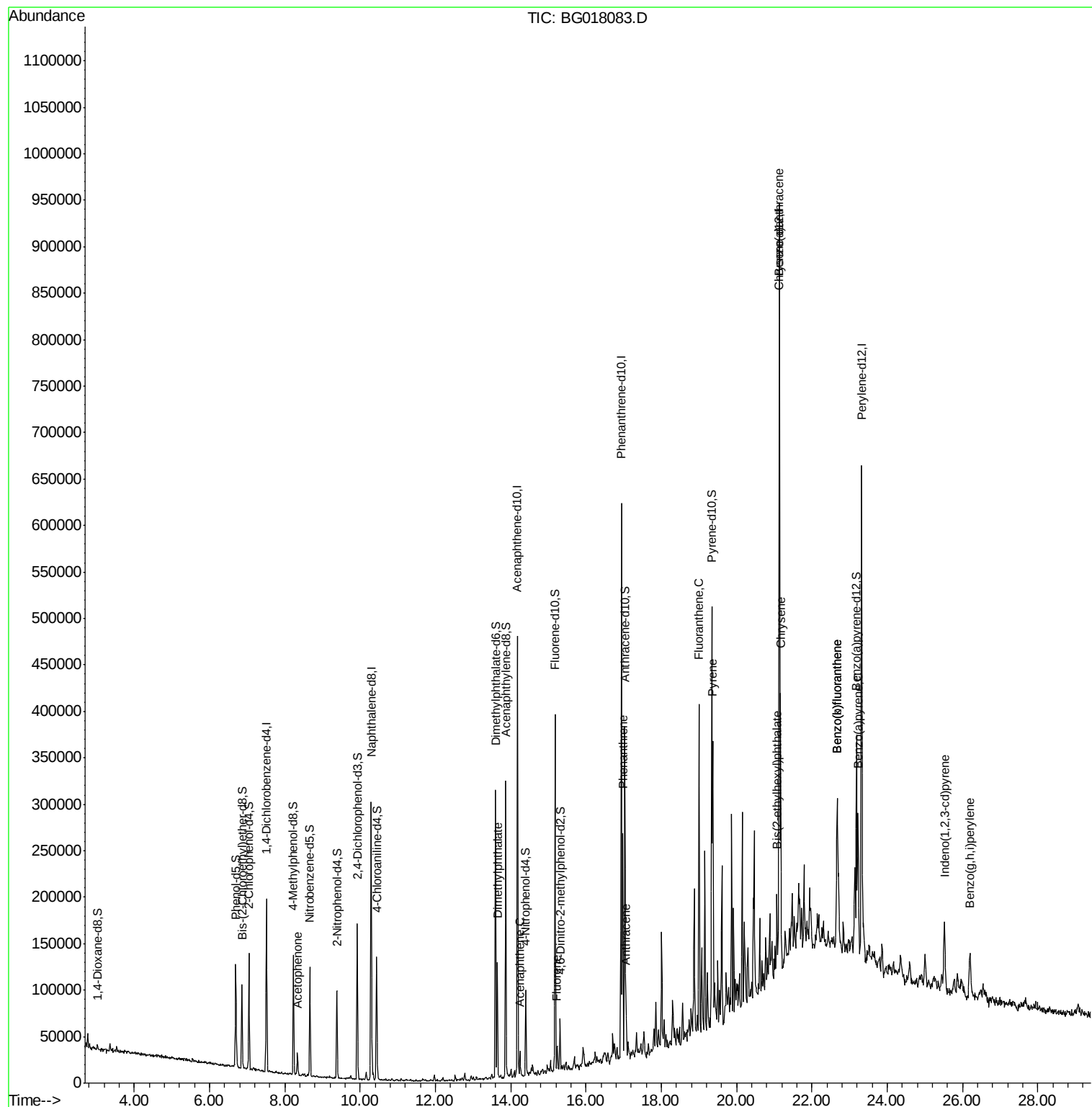
Target Compounds				Ovalue		
14) Acetophenone	8.33	105	12148	2.38	ng/ul	92
45) Dimethylphthalate	13.65	163	76676	6.59	ng/ul	97
50) Acenaphthene	14.25	153	10278	1.05	ng/ul	93
59) Fluorene	15.24	166	12388	1.04	ng/ul	99
70) Phenanthrene	16.98	178	136515	7.98	ng/ul	97
72) Anthracene	17.07	178	30642	1.76	ng/ul	98
77) Fluoranthene	19.00	202	196865	10.81	ng/ul	99
80) Pyrene	19.37	202	177448	8.95	ng/ul	98
83) Benzo(a)anthracene	21.13	228	98605	5.39	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	31197	2.68	ng/ul#	97
85) Chrysene	21.17	228	96281	5.59	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	127799	6.65	ng/ul	96
89) Benzo(k)fluoranthene	22.67	252	127799	6.87	ng/ul	95
91) Benzo(a)pyrene	23.23	252	91730	4.93	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.52	276	63242	2.95	ng/ul	93
94) Benzo(g,h,i)perylene	26.20	276	56978	3.21	ng/ul	96

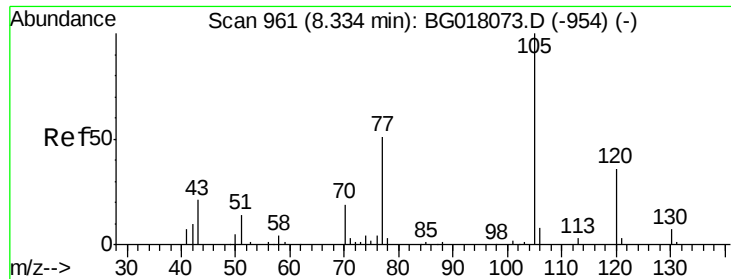
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
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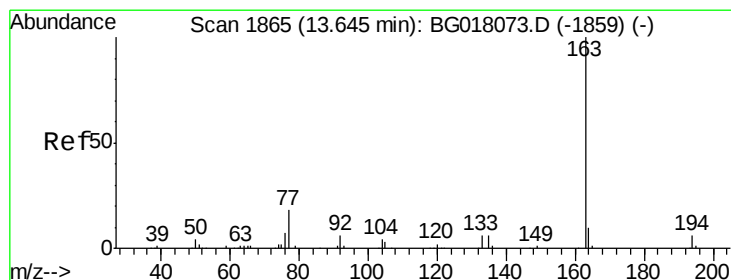
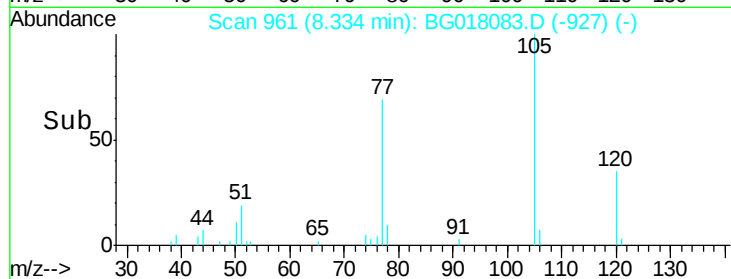
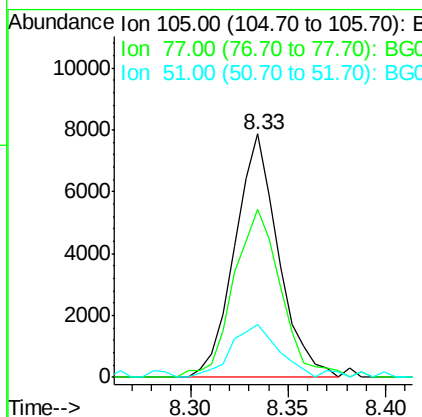
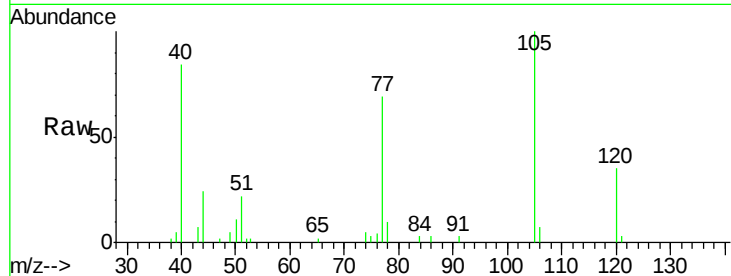




#14
 Acetophenone
 Concen: 2.38 ng/ul
 RT: 8.33 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG018083.D
 Acq: 24 Jul 2015 2:08

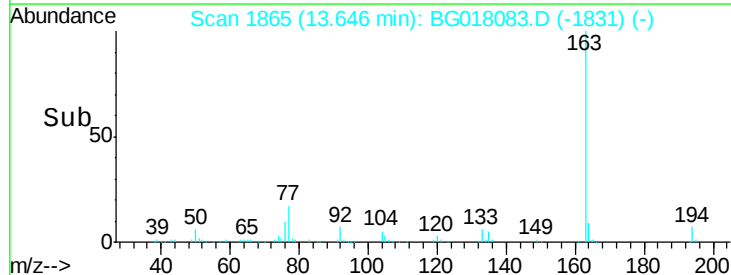
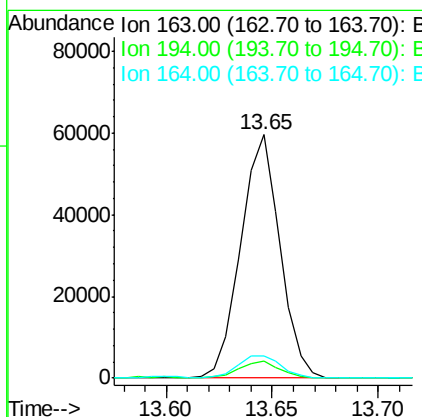
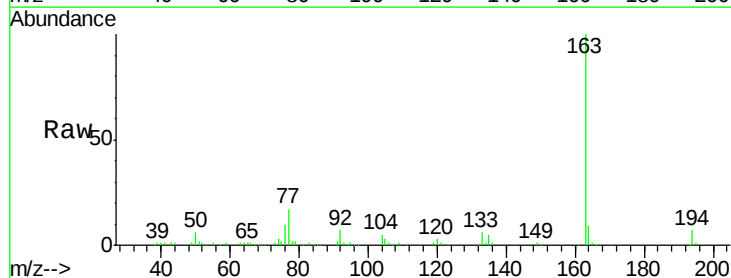
Instrument :
 BNA_G
 ClientSampled :

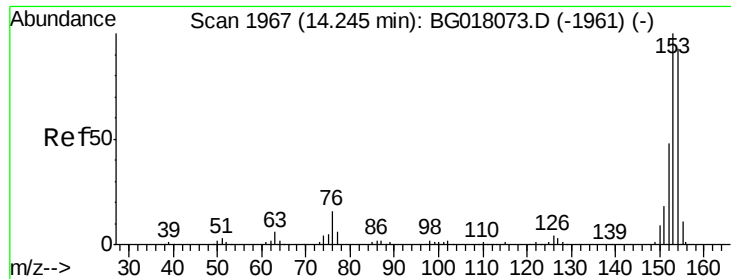
Tot Ion:105 Resp: 12148
 Ion Ratio Lower Upper
 105 100
 77 69.1 61.7 92.5
 51 21.6 18.1 27.1



#45
 Dimethylphthalate
 Concen: 6.59 ng/ul
 RT: 13.65 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BG018083.D
 Acq: 24 Jul 2015 2:08

Tgt Ion:163 Resp: 76676
 Ion Ratio Lower Upper
 163 100
 194 6.9 5.4 8.2
 164 9.3 8.7 13.1





#50

Acenaphthene

Concen: 1.05 ng/ul

RT: 14.25 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

Instrument :

BNA_G

ClientSampled :

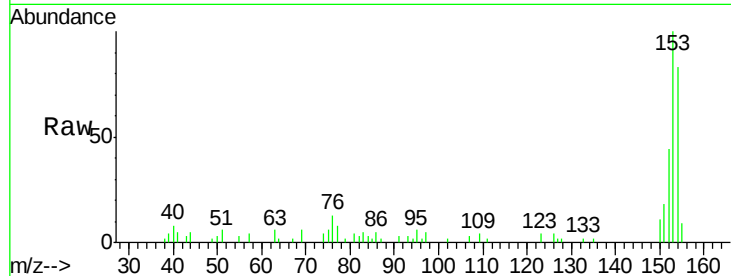
Tot Ion:153 Resp: 10278

Ion Ratio Lower Upper

153 100

152 44.2 38.9 58.3

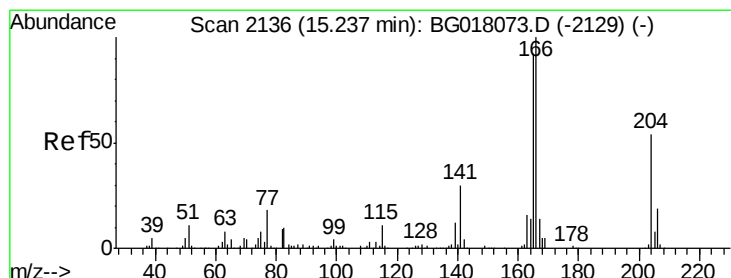
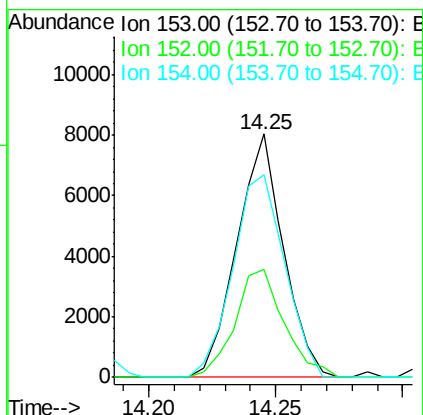
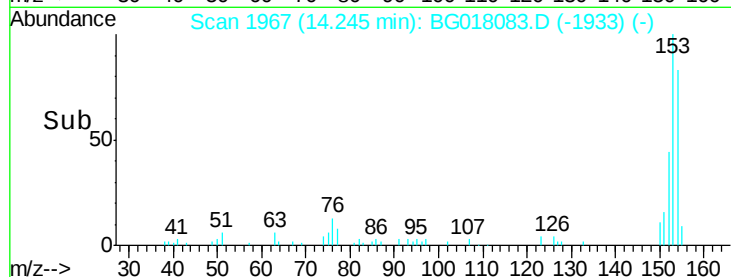
154 83.3 72.6 108.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 1.04 ng/ul

RT: 15.24 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

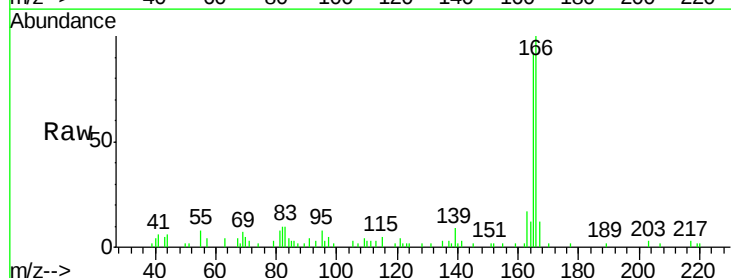
Tgt Ion:166 Resp: 12388

Ion Ratio Lower Upper

166 100

165 91.9 73.6 110.4

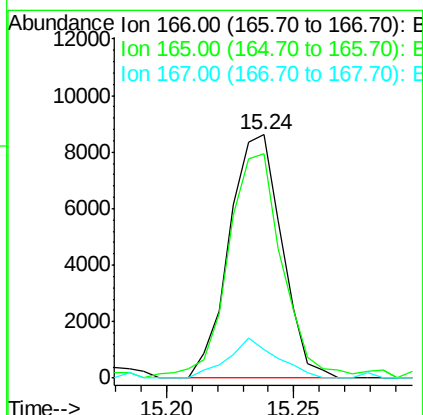
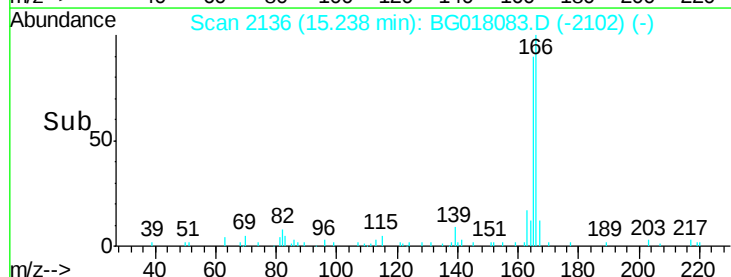
167 12.0 10.8 16.2

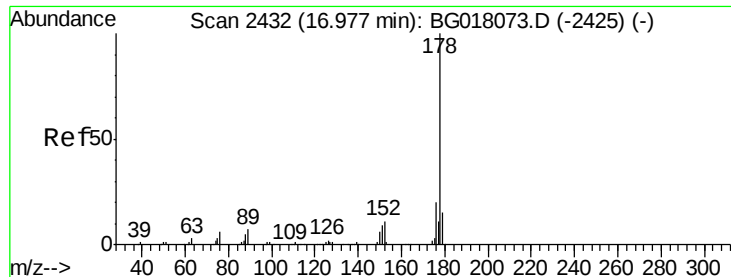


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

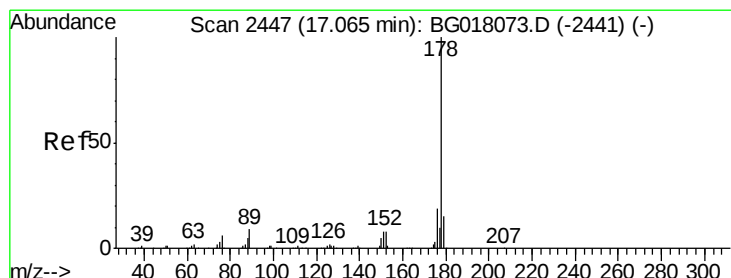
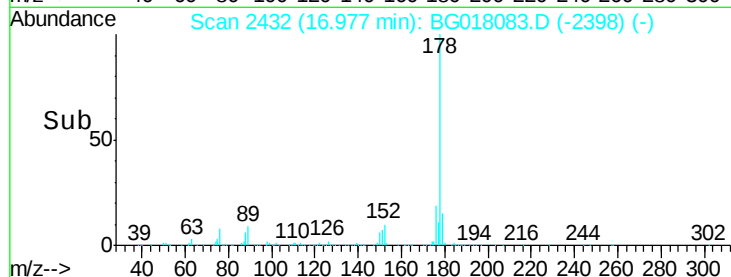
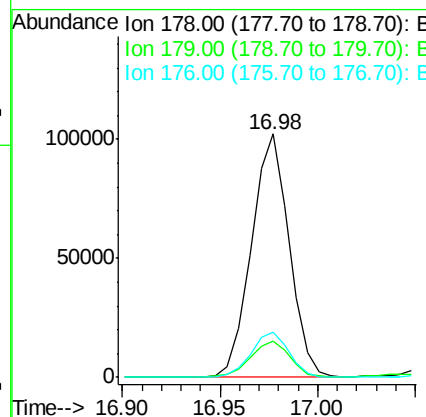
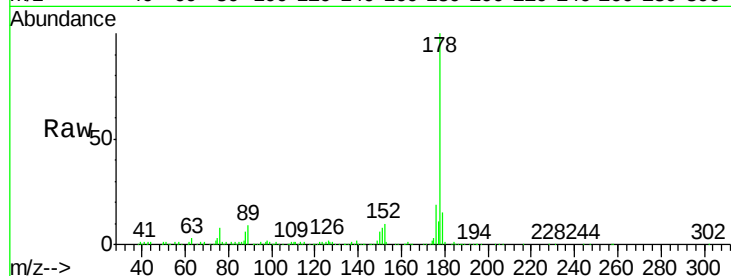




#70
Phenanthrene
Concen: 7.98 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

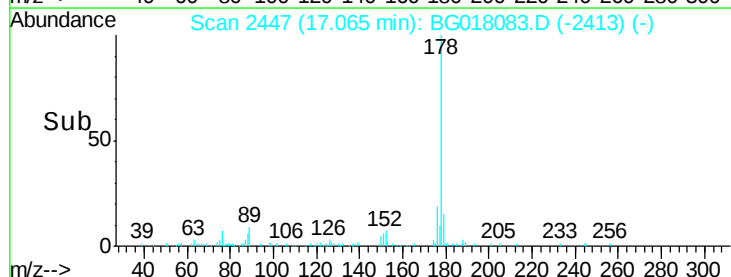
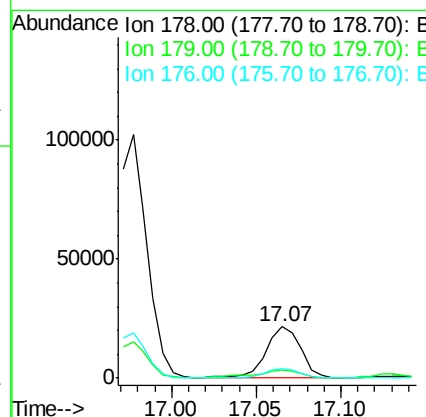
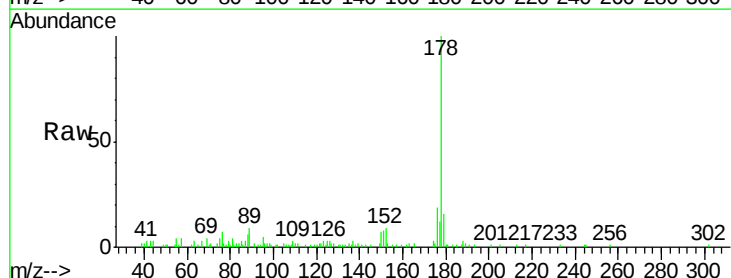
Instrument :
BNA_G
ClientSampleID :

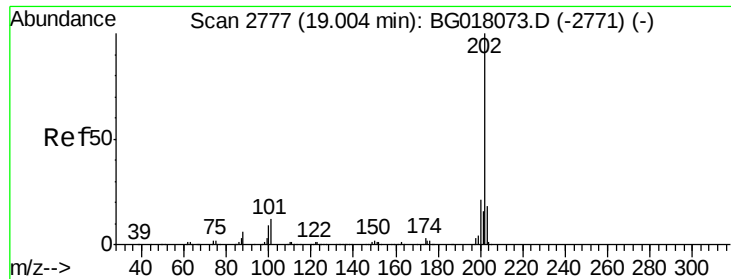
Tot Ion:178 Resp: 136515
Ion Ratio Lower Upper
178 100
179 14.8 13.0 19.6
176 18.8 15.8 23.8



#72
Anthracene
Concen: 1.76 ng/ul
RT: 17.07 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Tgt Ion:178 Resp: 30642
Ion Ratio Lower Upper
178 100
179 16.3 12.4 18.6
176 18.6 15.8 23.8

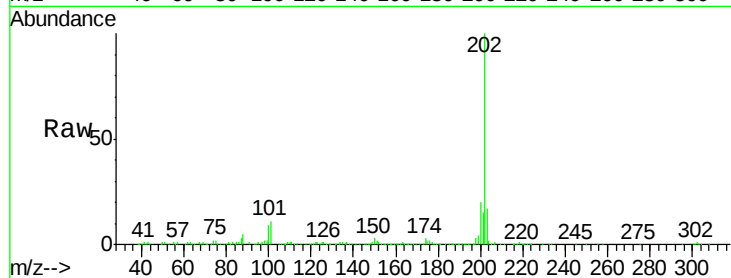




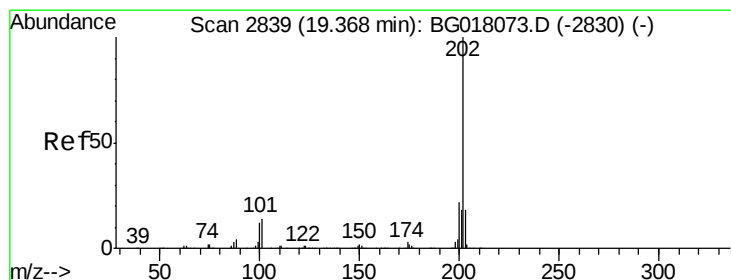
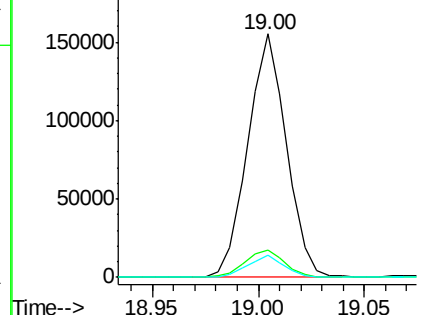
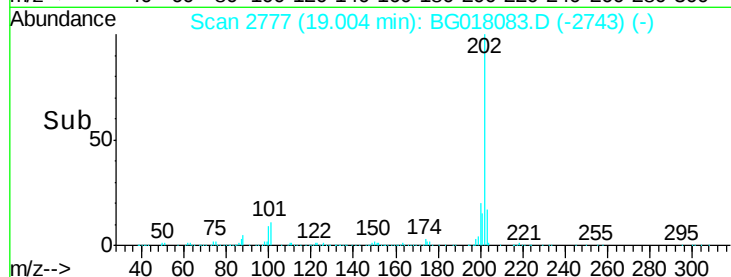
#77
 Fluoranthene
 Concen: 10.81 ng/ul
 RT: 19.00 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG018083.D
 Acq: 24 Jul 2015 2:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	8.9	7.5	11.3

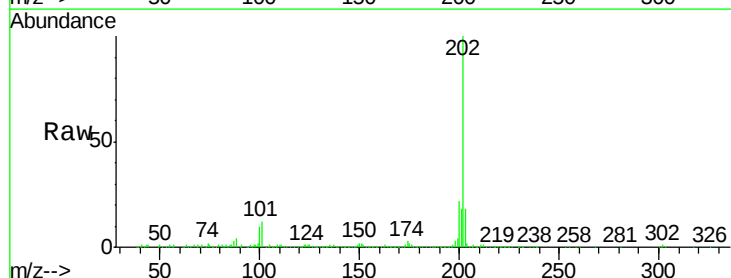


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

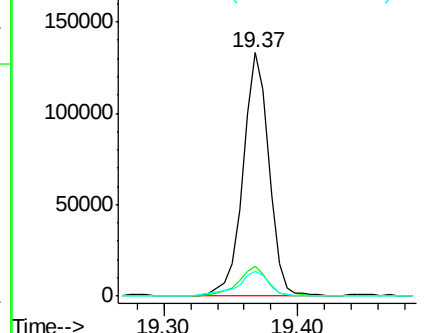
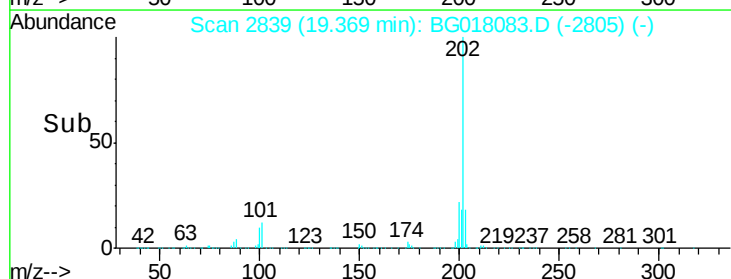


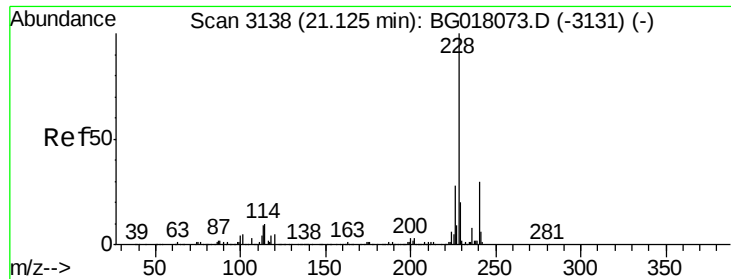
#80
 Pyrene
 Concen: 8.95 ng/ul
 RT: 19.37 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BG018083.D
 Acq: 24 Jul 2015 2:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.9	16.3
100	10.4	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

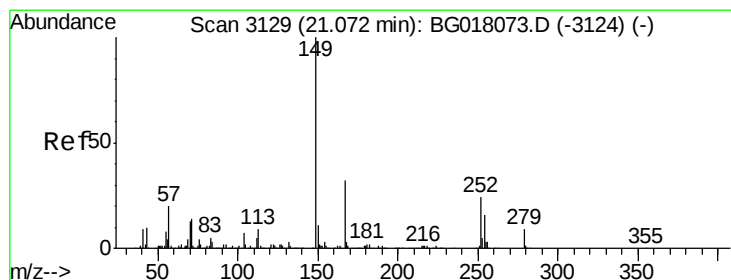
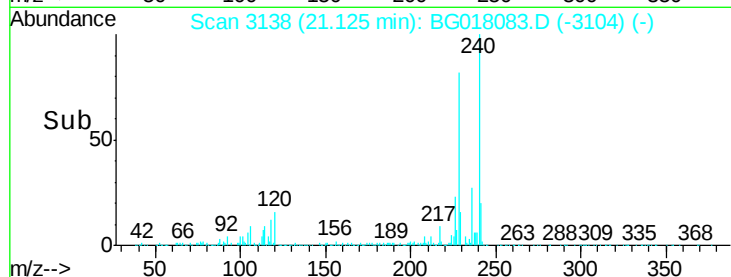
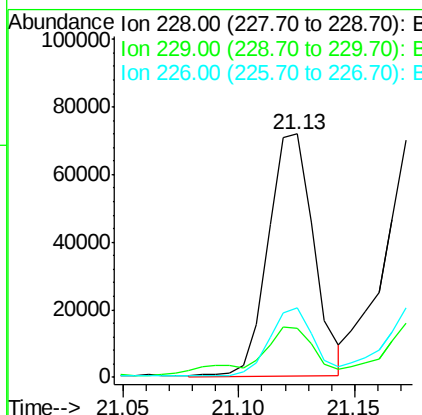
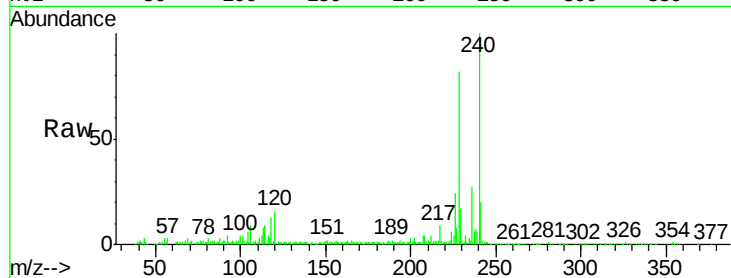




#83
Benzo(a)anthracene
Concen: 5.39 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

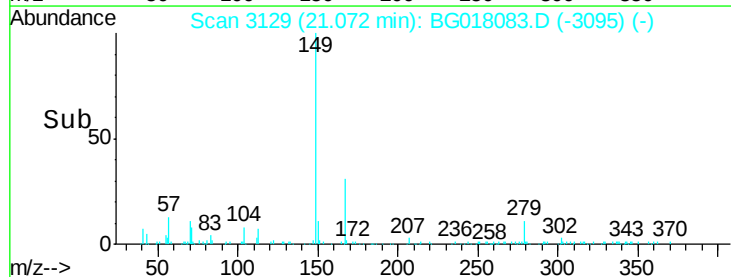
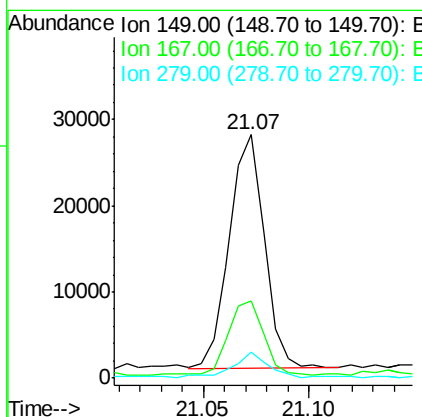
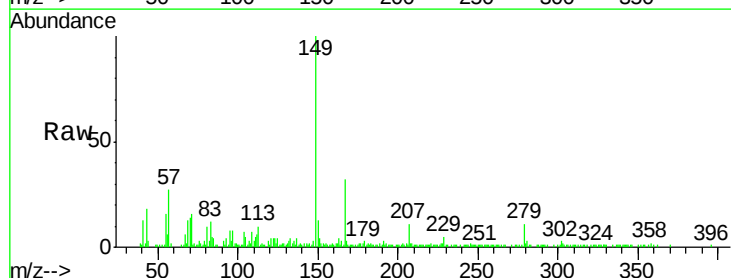
Instrument :
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ClientSampleId :

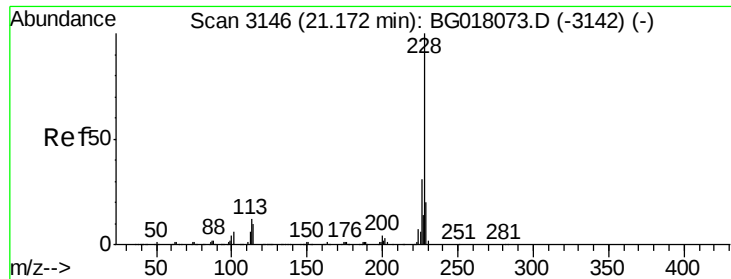
Tot Ion:228 Resp: 98605
Ion Ratio Lower Upper
228 100
229 20.3 16.6 24.8
226 28.7 21.1 31.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.68 ng/ul
RT: 21.07 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Tgt Ion:149 Resp: 31197
Ion Ratio Lower Upper
149 100
167 31.8 26.2 39.4
279 10.9 7.2 10.8#

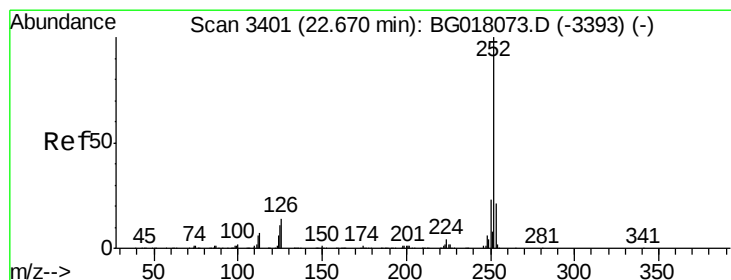
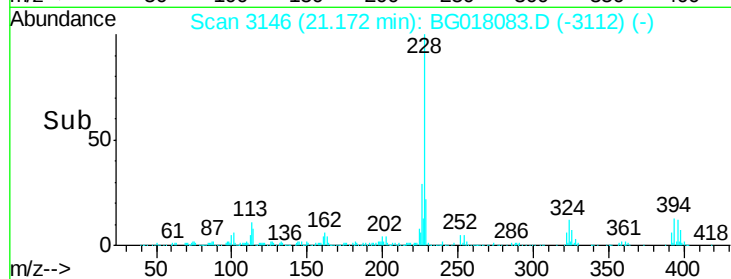
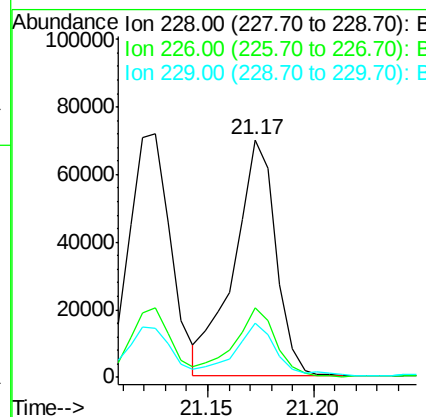
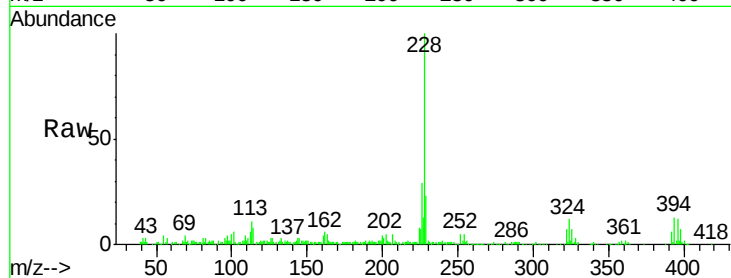




#85
Chrysene
Concen: 5.59 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

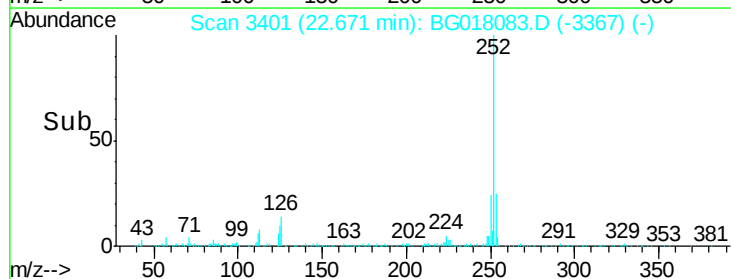
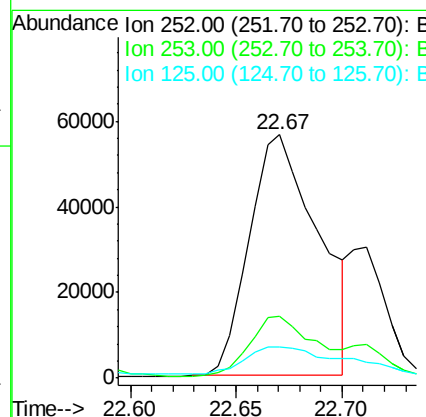
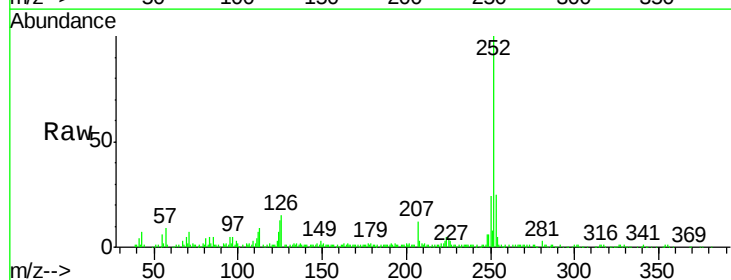
Instrument :
BNA_G
ClientSampled :

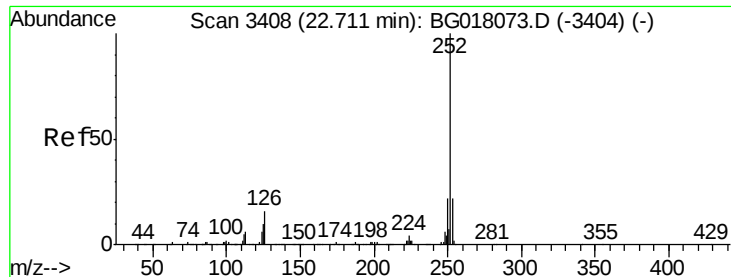
Tot Ion:228 Resp: 96281
Ion Ratio Lower Upper
228 100
226 29.2 22.9 34.3
229 22.6 15.6 23.4



#88
Benzo(b)fluoranthene
Concen: 6.65 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Tgt Ion:252 Resp: 127799
Ion Ratio Lower Upper
252 100
253 25.2 18.5 27.7
125 12.7 9.1 13.7

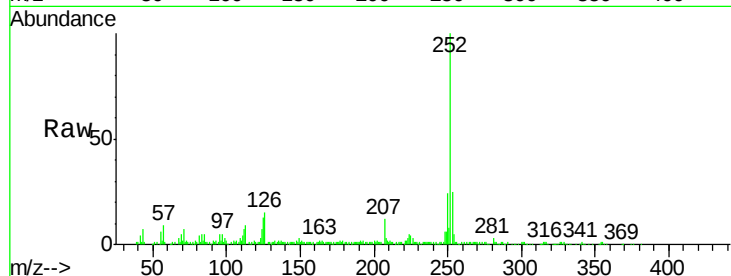




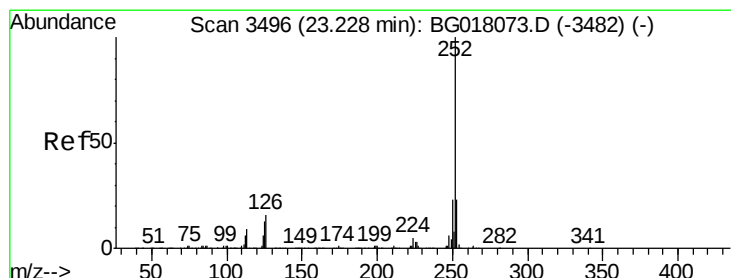
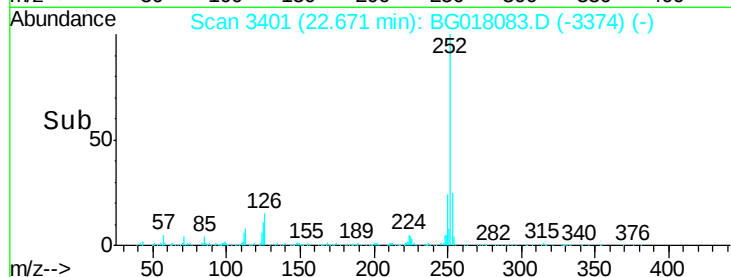
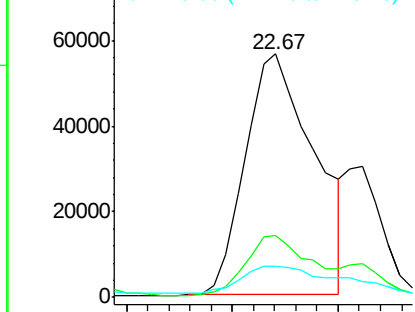
#89
Benzo(k)fluoranthene
Concen: 6.87 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. -0.04 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 127799
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 12.7 9.3 13.9

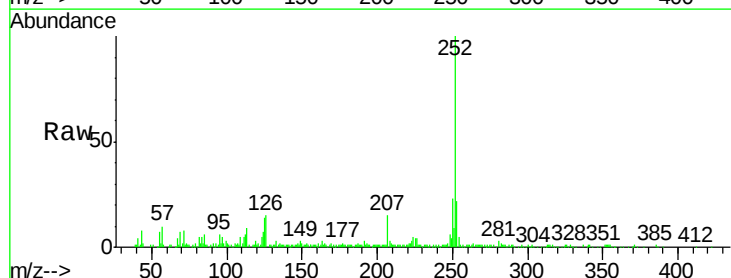


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

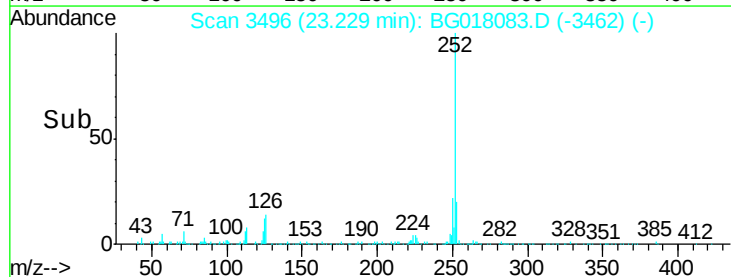
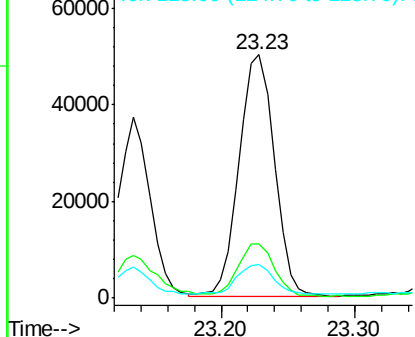


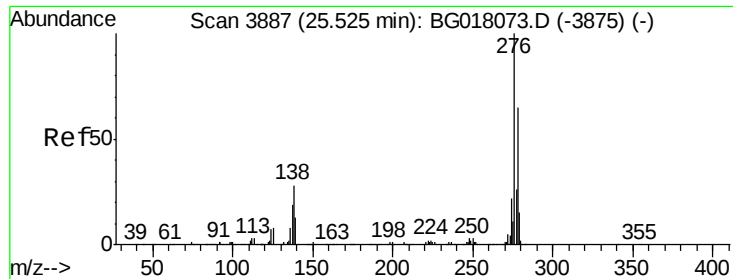
#91
Benzo(a)pyrene
Concen: 4.93 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Tgt Ion:252 Resp: 91730
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 14.0 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: 2.95 ng/ul

RT: 25.52 min Scan# 3886

Delta R.T. -0.01 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

Instrument :

BNA_G

ClientSampleId :

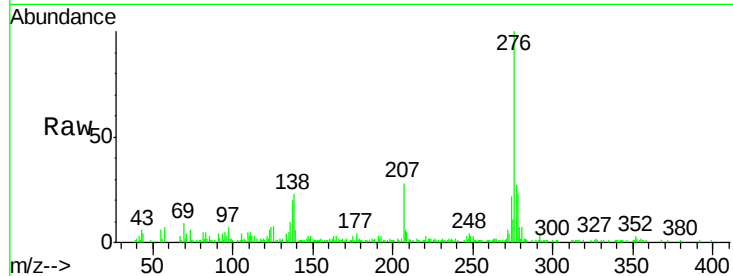
Tot Ion:276 Resp: 63242

Ion Ratio Lower Upper

276 100

138 23.2 22.6 33.8

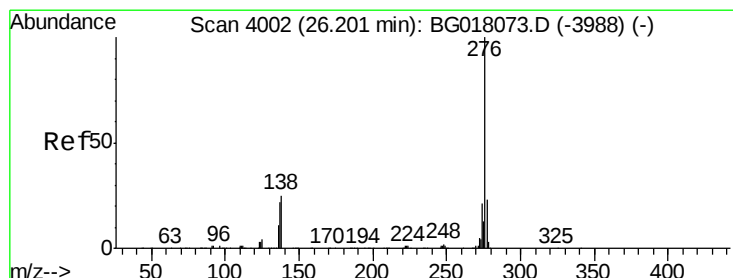
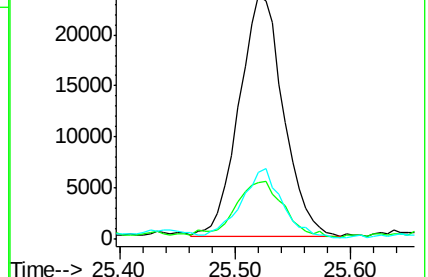
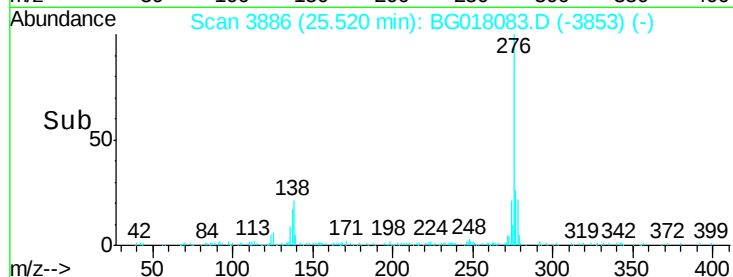
277 27.3 19.8 29.8



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(g,h,i)perylene

Concen: 3.21 ng/ul

RT: 26.20 min Scan# 4002

Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

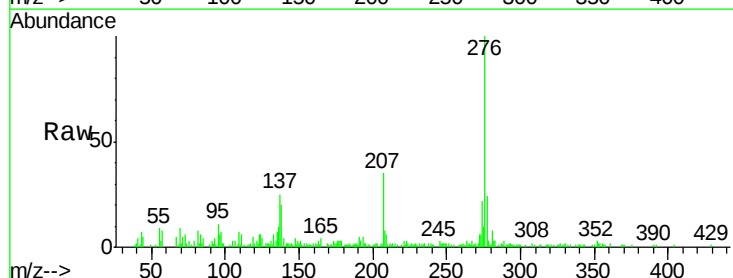
Tgt Ion:276 Resp: 56978

Ion Ratio Lower Upper

276 100

138 20.2 18.8 28.2

277 24.0 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

