

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
 Data File : BG018145.D
 Acq On : 28 Jul 2015 13:19
 Operator : TP/UM
 Sample : G3030-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 28 14:36:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 01:54:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	32344	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	164583	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	115783	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	248219	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	262976	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	258309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	2334	4.51	ng/uL	0.00
5) Phenol-d5	6.69	99	53025	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	24656	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	48500	21.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	44470	20.10	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	26405	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	30188	21.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	50487	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	56461	20.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	164930	20.29	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	160460	16.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	22016	12.87	ng/ul	0.00
58) Fluorene-d10	15.18	176	109561	14.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	16720	10.54	ng/ul	0.00
71) Anthracene-d10	17.03	188	170157	15.83	ng/ul	0.00
79) Pyrene-d10	19.34	212	144473	11.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	146754	11.91	ng/ul	0.00

Target Compounds

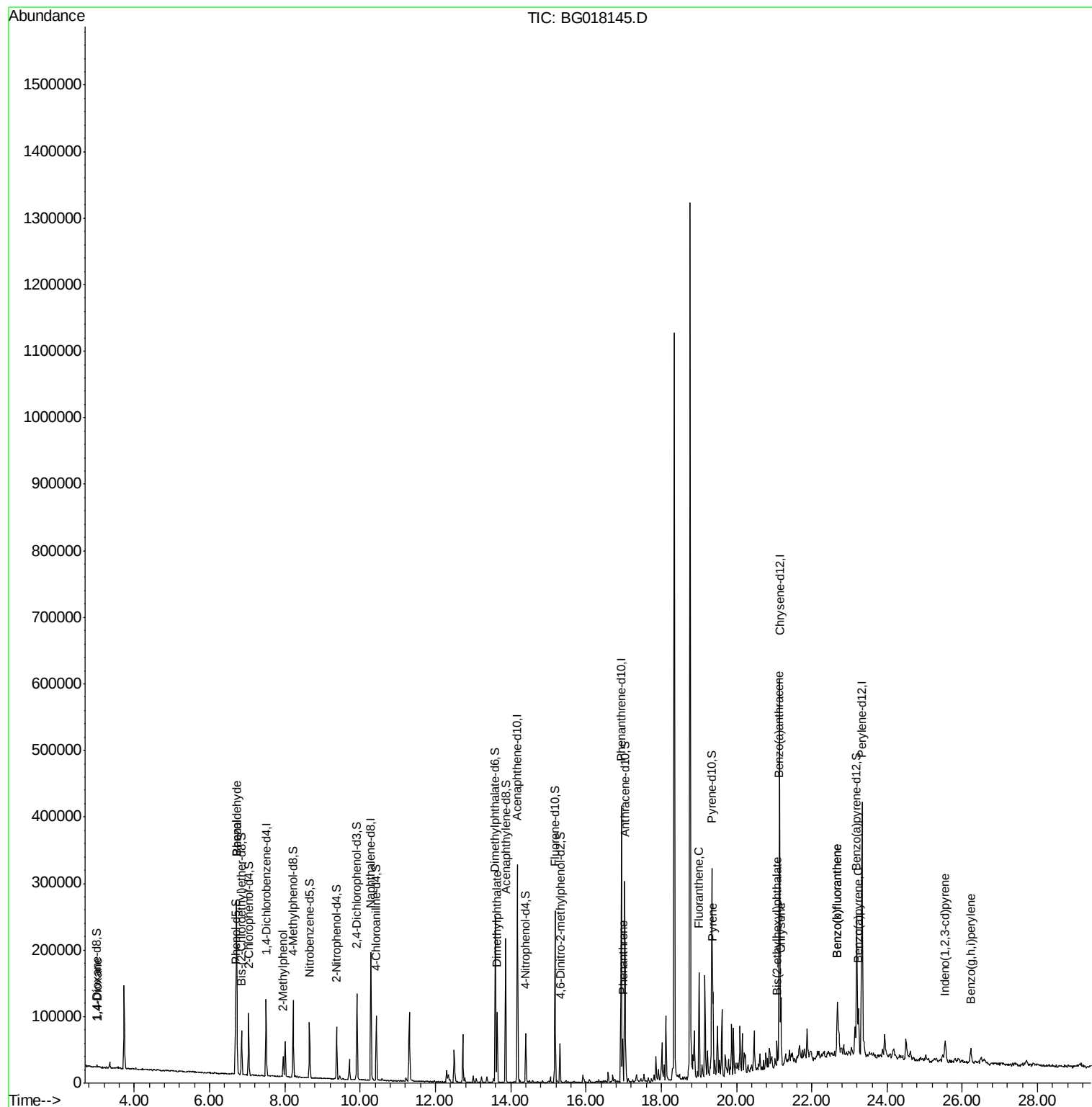
					Ovalue
2) 1,4-Dioxane	3.04	88	1450	2.61 ng/uL#	71
4) Benzaldehyde	6.72	77	1627	1.27 ng/ul#	1
6) Phenol	6.72	94	152315	59.79 ng/ul	97
11) 2-Methylphenol	7.96	108	10951	5.21 ng/ul	96
45) Dimethylphthalate	13.64	163	68801	8.41 ng/ul	98
70) Phenanthrene	16.98	178	37806	3.03 ng/ul	98
77) Fluoranthene	19.01	202	89949	6.77 ng/ul	98
80) Pyrene	19.37	202	81133	5.39 ng/ul	99
83) Benzo(a)anthracene	21.13	228	48660	3.50 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	14296	1.62 ng/ul	95
85) Chrysene	21.18	228	41168	3.14 ng/ul	96
88) Benzo(b)fluoranthene	22.68	252	78507	5.55 ng/ul	96
89) Benzo(k)fluoranthene	22.68	252	78507	5.73 ng/ul	97
91) Benzo(a)pyrene	23.24	252	39059	2.85 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.55	276	29517	1.87 ng/ul#	93
94) Benzo(g,h,i)perylene	26.22	276	24167	1.85 ng/ul	94

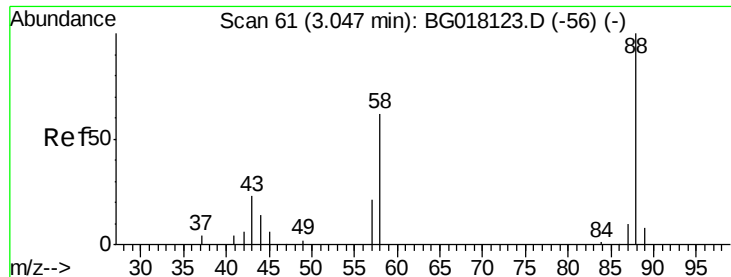
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 01:54:27 2015
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.61 ng/uL

RT: 3.04 min Scan# 60

Delta R.T. 0.00 min

Lab File: BG018145.D

Acq: 28 Jul 2015 13:19

Instrument :

BNA_G

ClientSampleId :

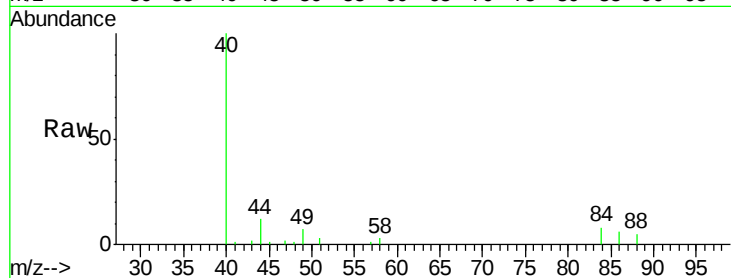
Tot Ion: 88 Resp: 1450

Ion Ratio Lower Upper

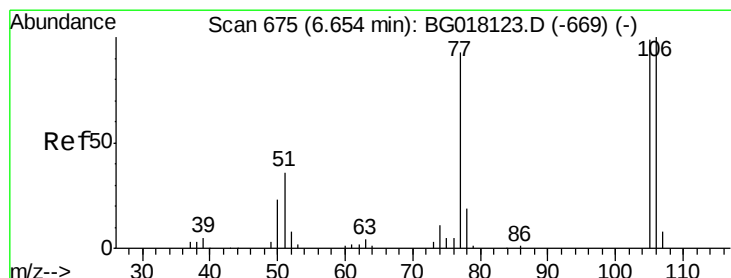
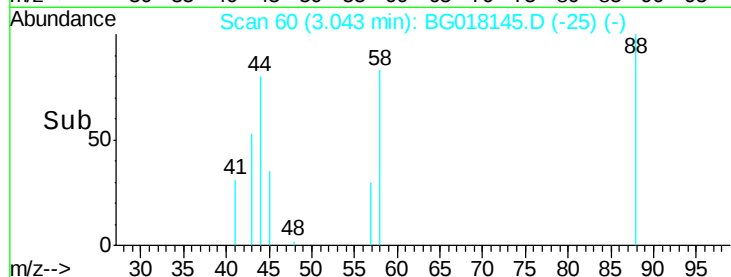
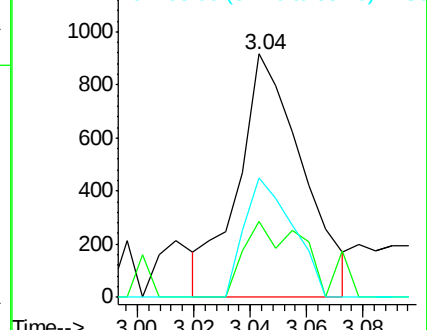
88 100

43 15.8 22.6 33.8#

58 37.0 48.6 73.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 1.27 ng/uL

RT: 6.72 min Scan# 685

Delta R.T. 0.06 min

Lab File: BG018145.D

Acq: 28 Jul 2015 13:19

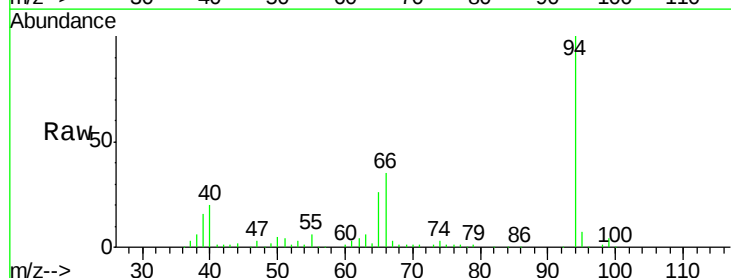
Tgt Ion: 77 Resp: 1627

Ion Ratio Lower Upper

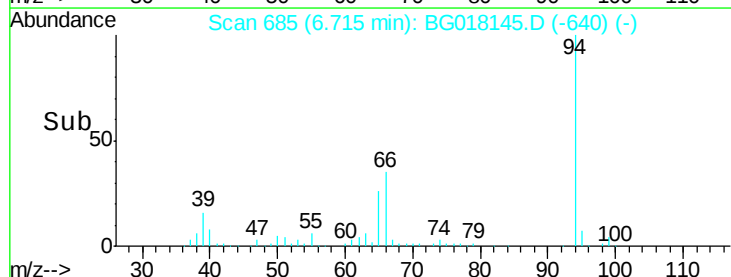
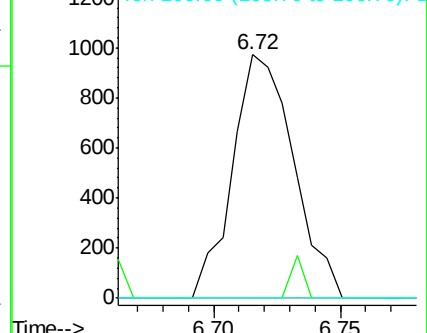
77 100

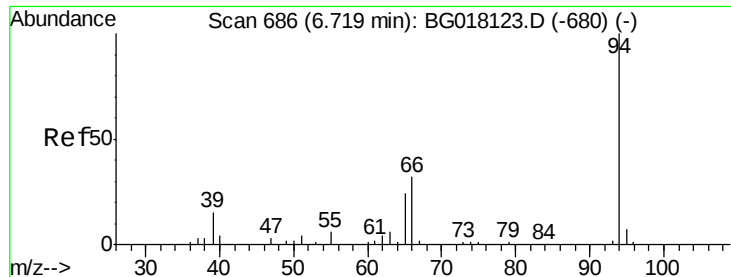
105 0.0 83.4 125.2#

106 0.0 81.0 121.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 59.79 ng/ul

RT: 6.72 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG018145.D

Acq: 28 Jul 2015 13:19

Instrument :

BNA_G

ClientSampleId :

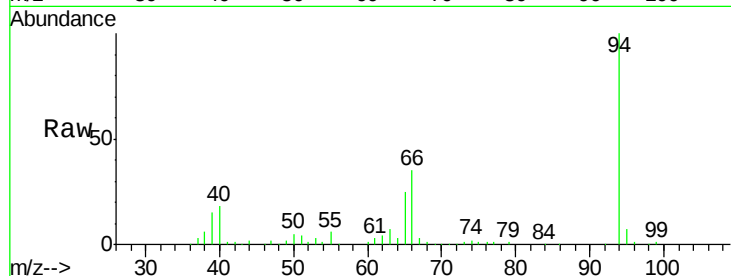
Tot Ion: 94 Resp: 152315

Ion Ratio Lower Upper

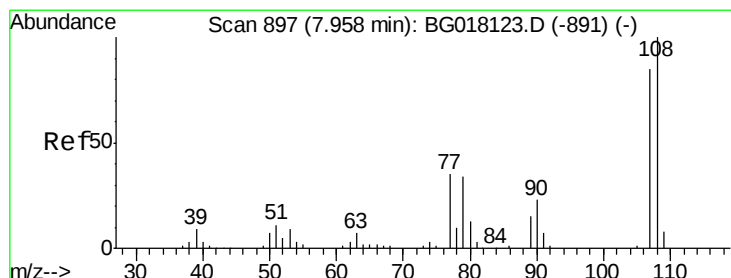
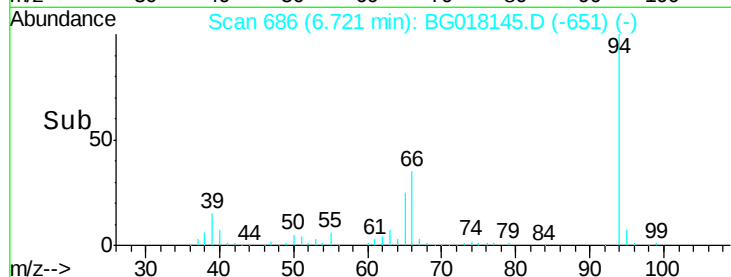
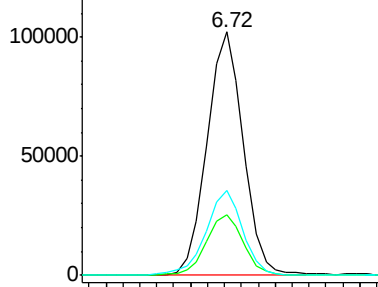
94 100

65 24.9 20.1 30.1

66 34.7 25.9 38.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

2-Methylphenol

Concen: 5.21 ng/ul

RT: 7.96 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG018145.D

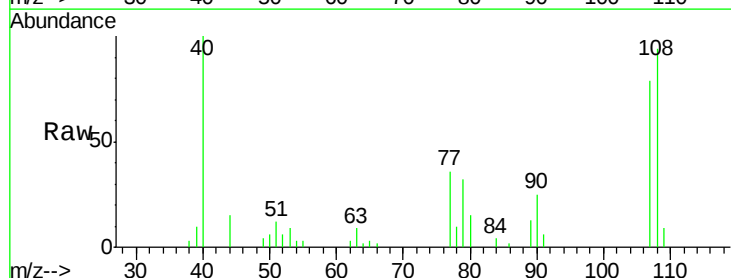
Acq: 28 Jul 2015 13:19

Tgt Ion: 108 Resp: 10951

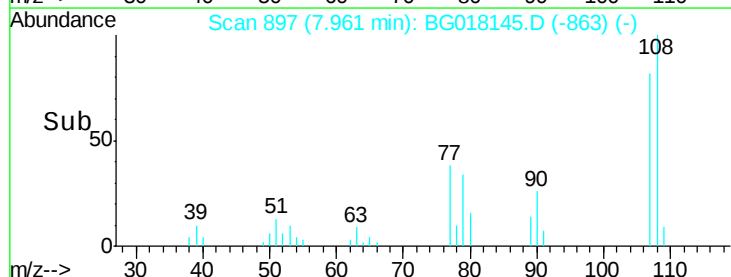
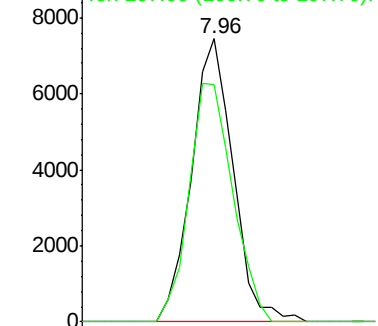
Ion Ratio Lower Upper

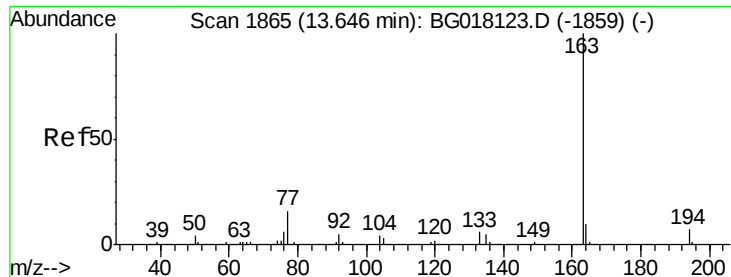
108 100

107 83.8 70.2 105.4



Abundance Ion 108.00 (107.70 to 108.70): BGC
Ion 107.00 (106.70 to 107.70): BGC

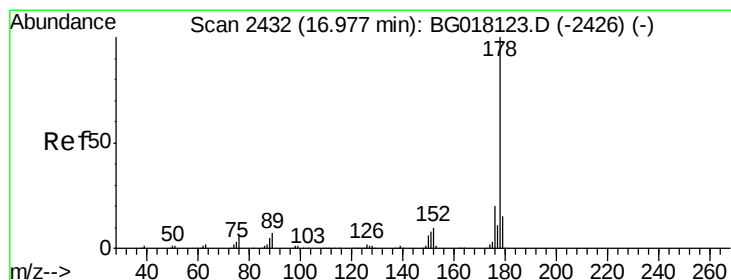
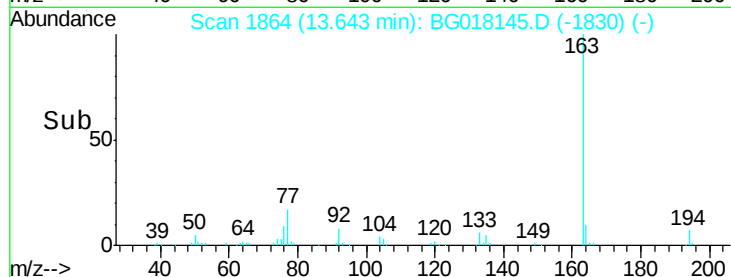
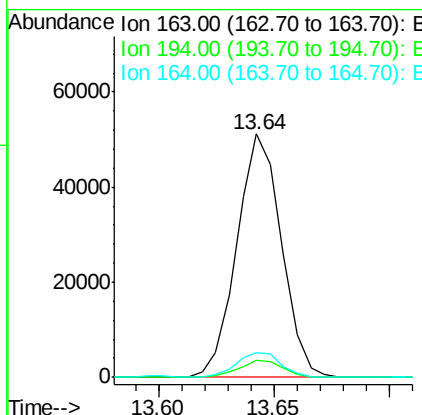
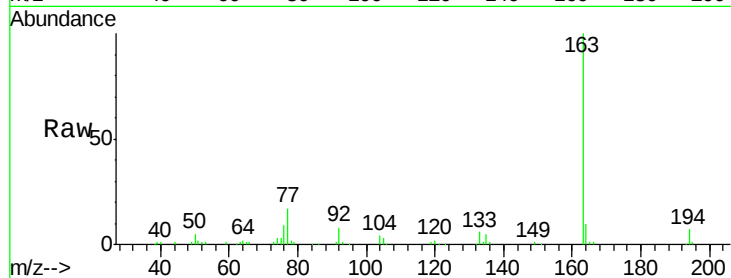




#45
Dimethylphthalate
Concen: 8.41 ng/ul
RT: 13.64 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

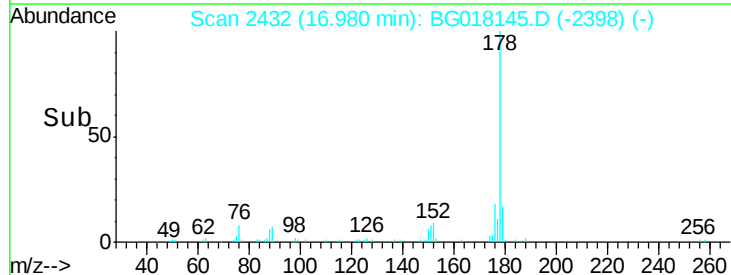
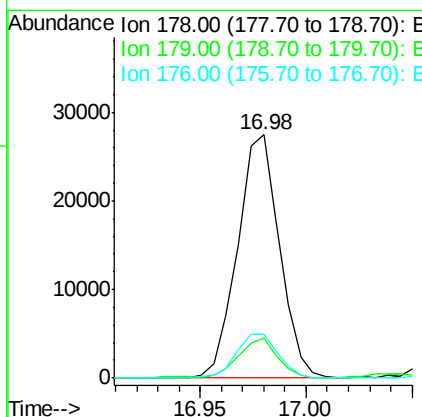
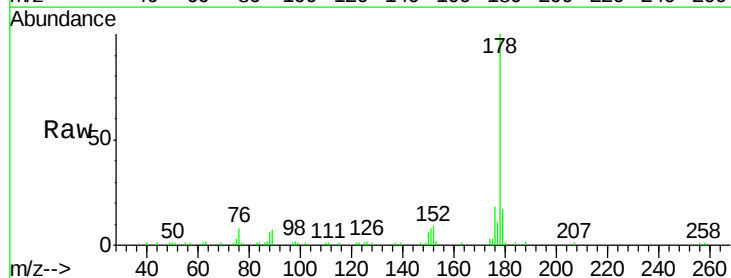
Instrument :
BNA_G
ClientSampleId :

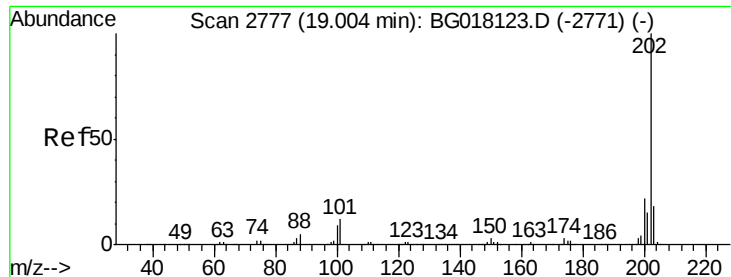
Tot Ion:163 Resp: 68801
Ion Ratio Lower Upper
163 100
194 7.0 5.4 8.2
164 10.0 8.7 13.1



#70
Phenanthrene
Concen: 3.03 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:178 Resp: 37806
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 18.0 15.8 23.8

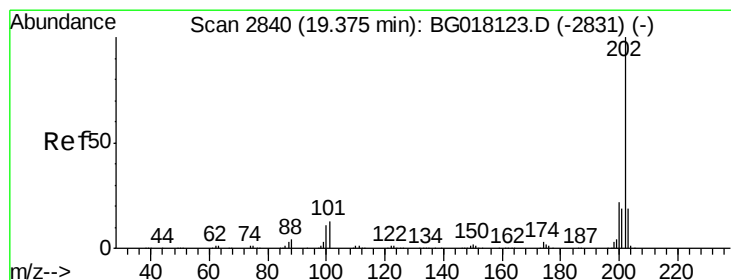
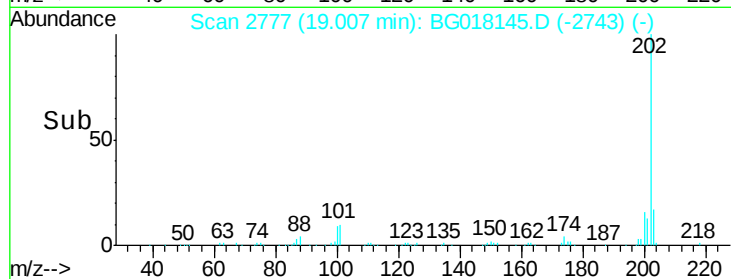
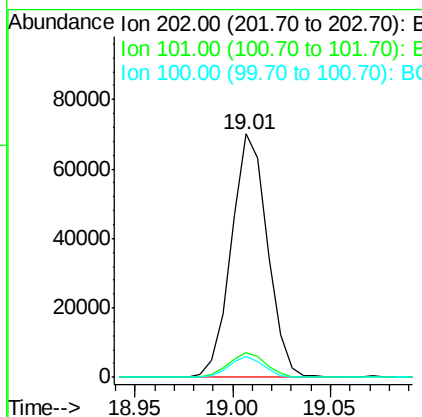
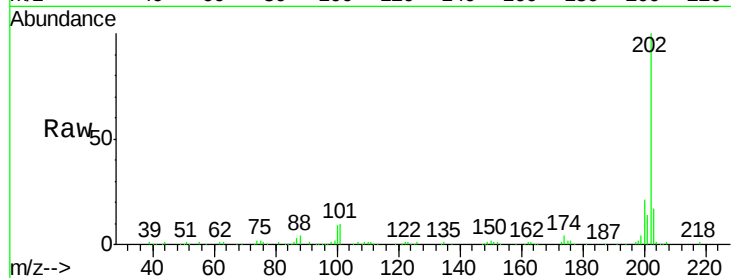




#77
Fluoranthene
 Concen: 6.77 ng/ul
 RT: 19.01 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: BG018145.D
 Acq: 28 Jul 2015 13:19

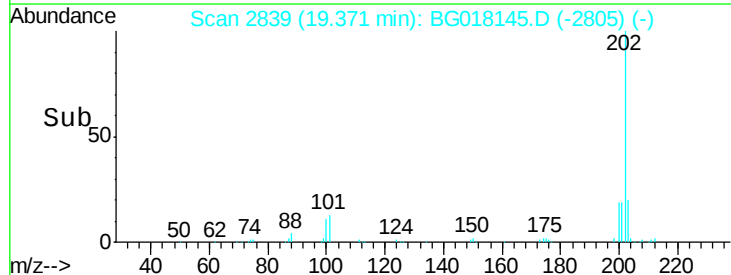
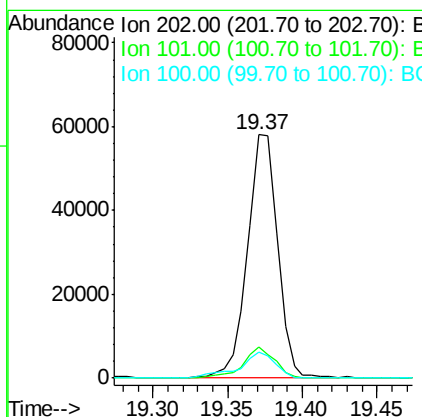
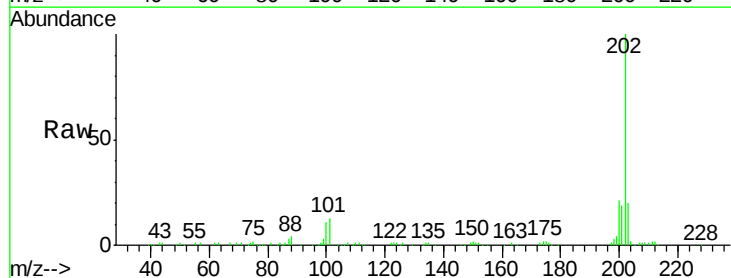
Instrument :
 BNA_G
 ClientSampleId :

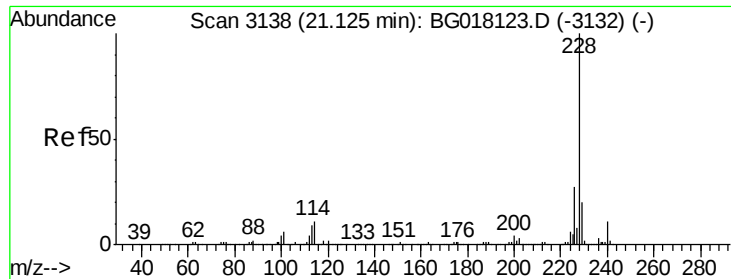
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.1	13.7
100	8.7	7.5	11.3



#80
Pyrene
 Concen: 5.39 ng/ul
 RT: 19.37 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: BG018145.D
 Acq: 28 Jul 2015 13:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.9	16.3
100	10.9	8.5	12.7

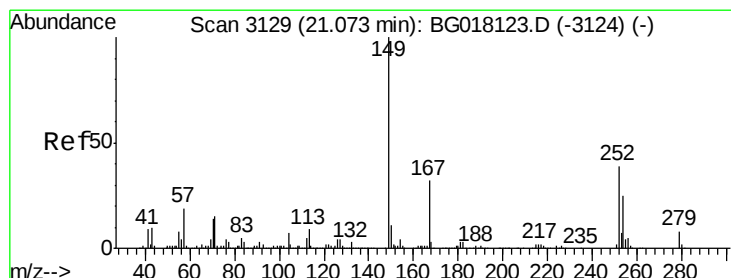
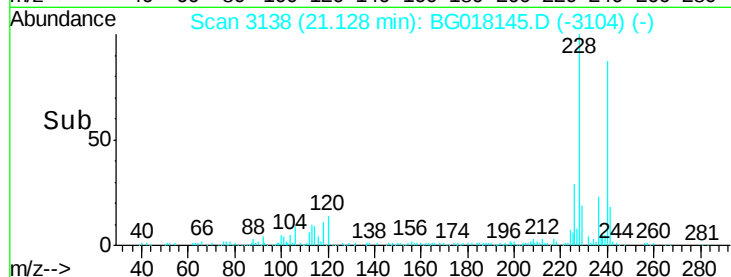
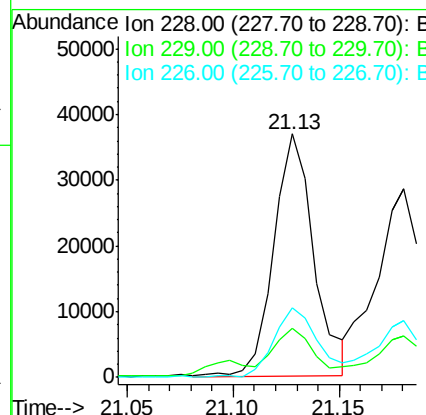
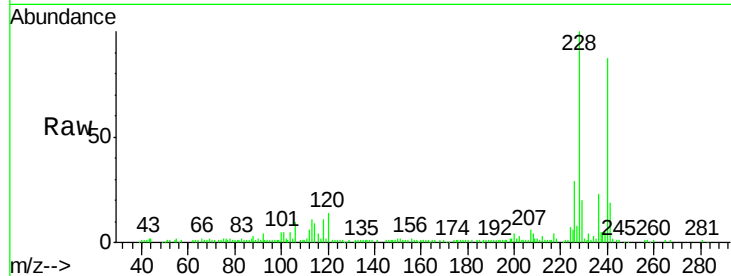




#83
Benzo(a)anthracene
Concen: 3.50 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

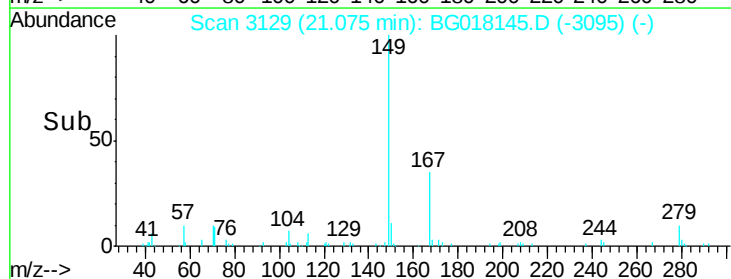
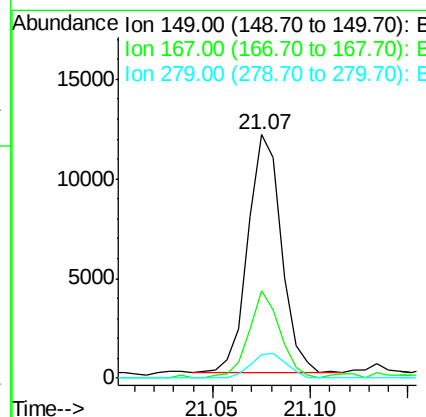
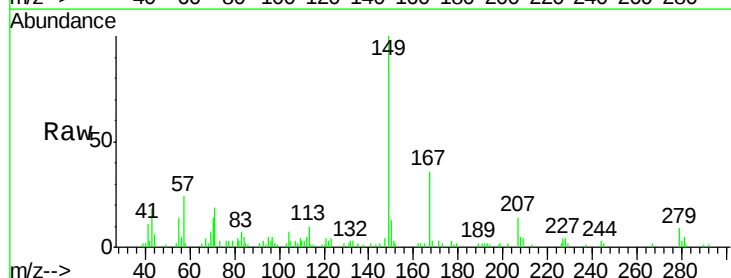
Instrument :
BNA_G
ClientSampled :

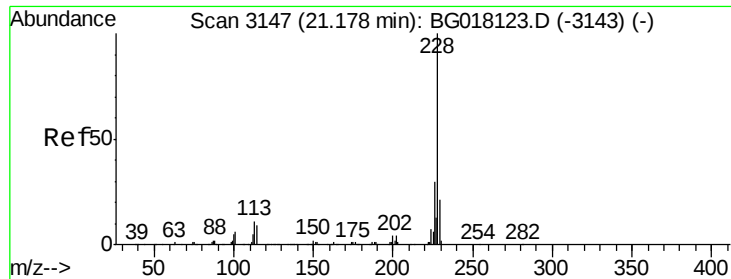
Tot Ion:228 Resp: 48660
Ion Ratio Lower Upper
228 100
229 20.0 16.6 24.8
226 28.5 21.1 31.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.62 ng/ul
RT: 21.07 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:149 Resp: 14296
Ion Ratio Lower Upper
149 100
167 36.0 26.2 39.4
279 9.5 7.2 10.8





#85

Chrysene

Concen: 3.14 ng/ul

RT: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG018145.D

Acq: 28 Jul 2015 13:19

Instrument :

BNA_G

ClientSampleId :

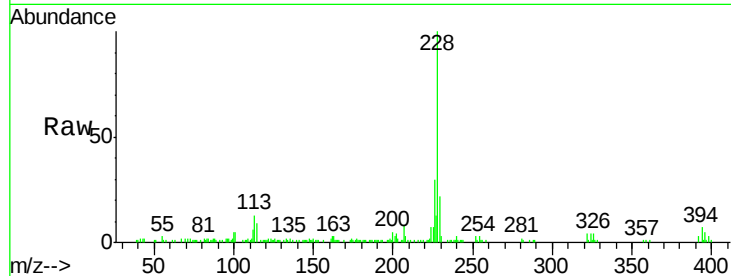
Tot Ion:228 Resp: 41168

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

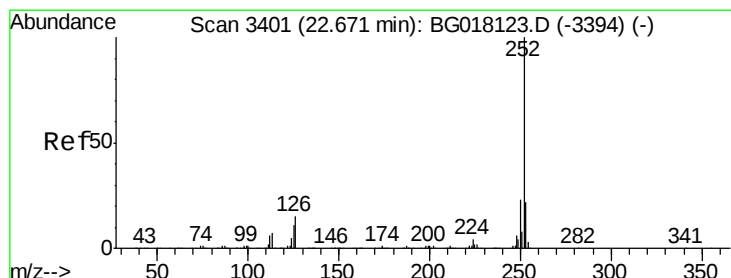
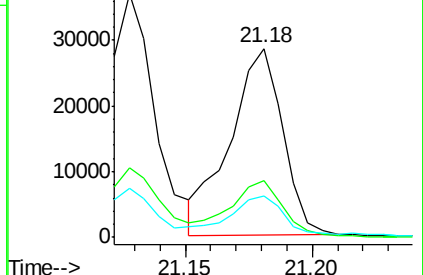
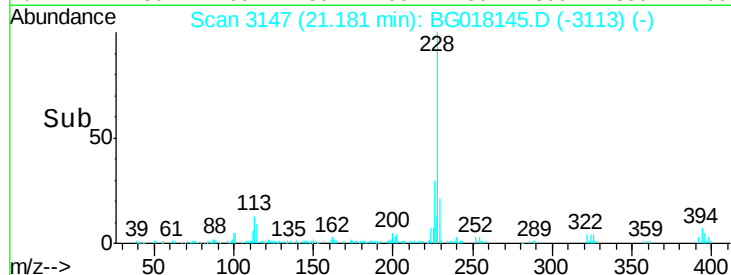
229 22.2 15.6 23.4



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: 5.55 ng/ul

RT: 22.68 min Scan# 3402

Delta R.T. 0.00 min

Lab File: BG018145.D

Acq: 28 Jul 2015 13:19

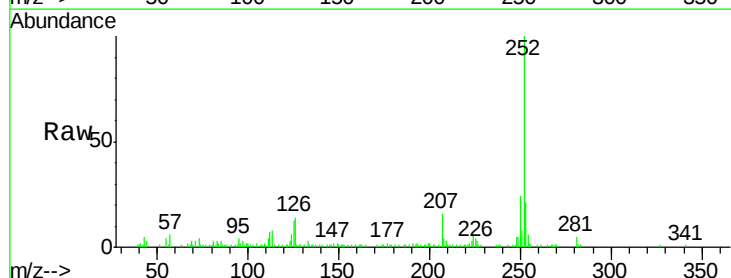
Tgt Ion:252 Resp: 78507

Ion Ratio Lower Upper

252 100

253 21.4 18.5 27.7

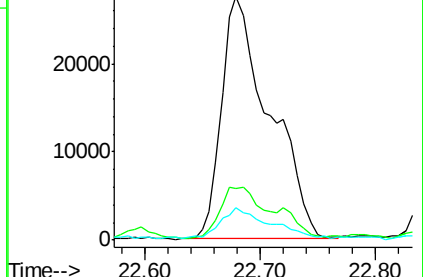
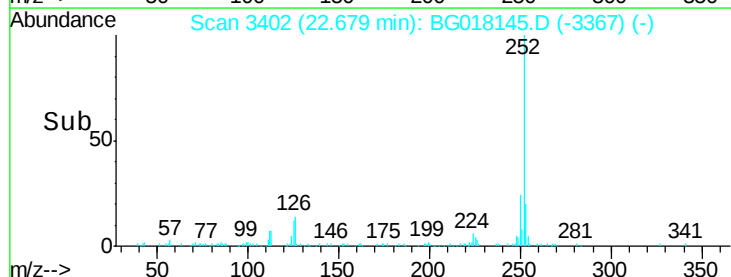
125 13.1 9.1 13.7

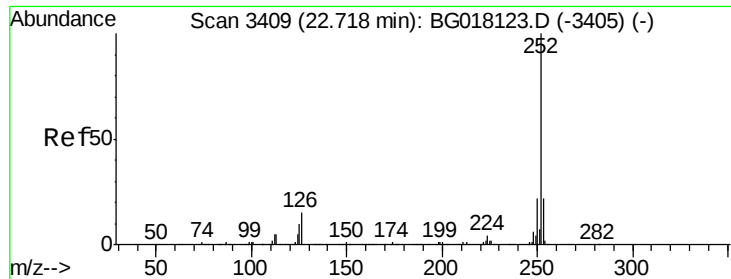


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

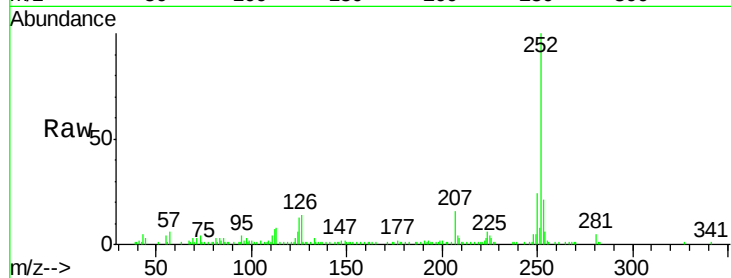




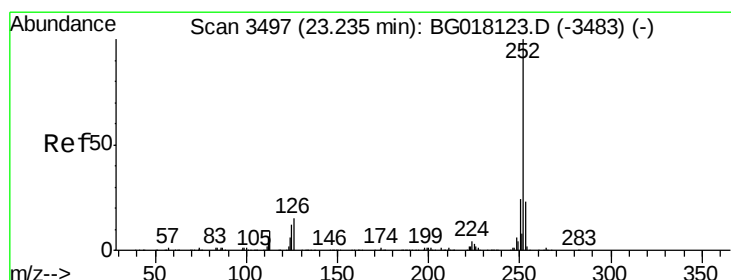
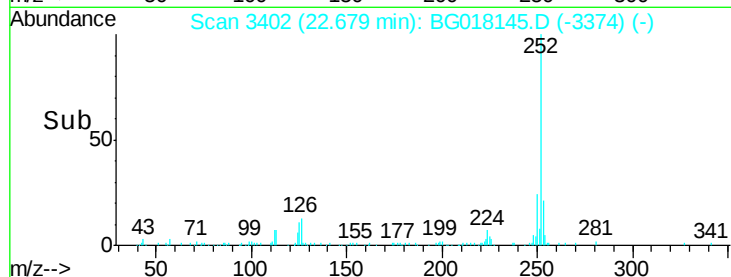
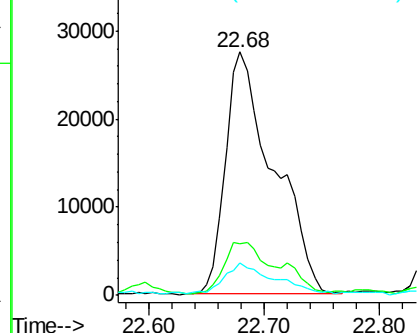
#89
Benzo(k)fluoranthene
Concen: 5.73 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. -0.04 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 78507
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 13.1 9.3 13.9

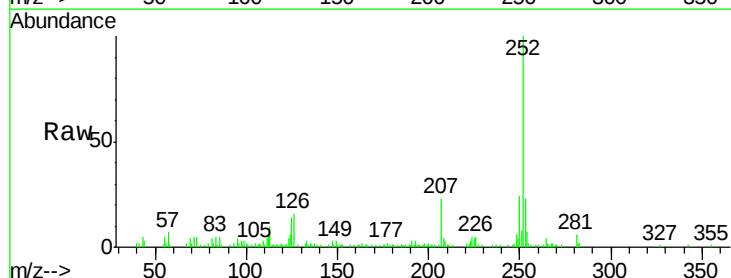


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

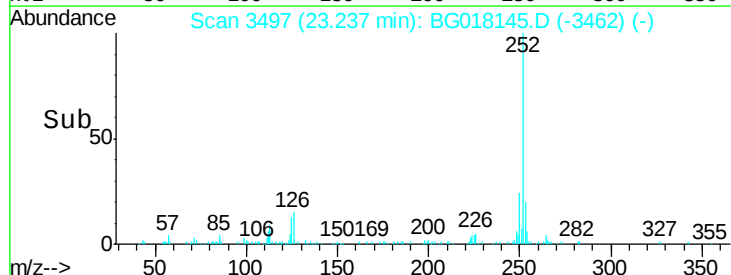
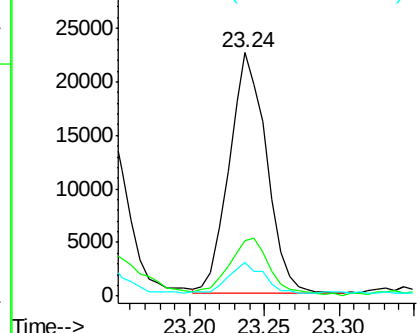


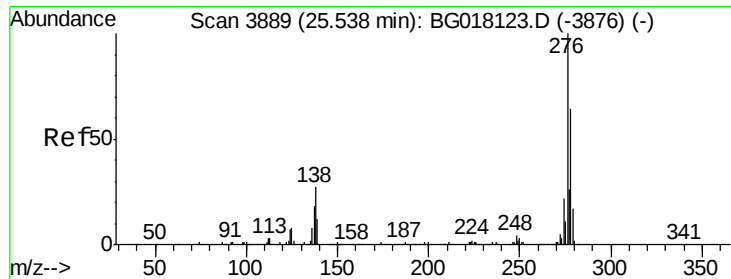
#91
Benzo(a)pyrene
Concen: 2.85 ng/ul
RT: 23.24 min Scan# 3497
Delta R.T. 0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:252 Resp: 39059
Ion Ratio Lower Upper
252 100
253 22.8 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

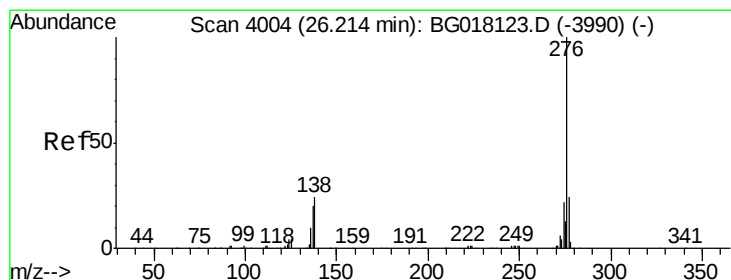
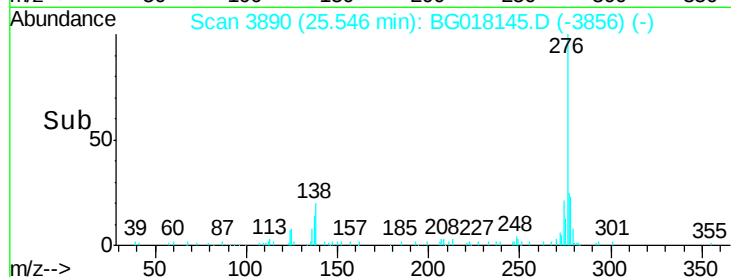
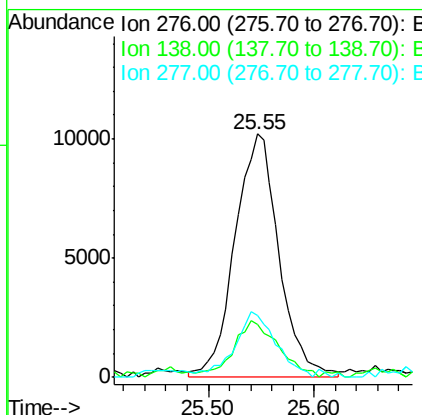
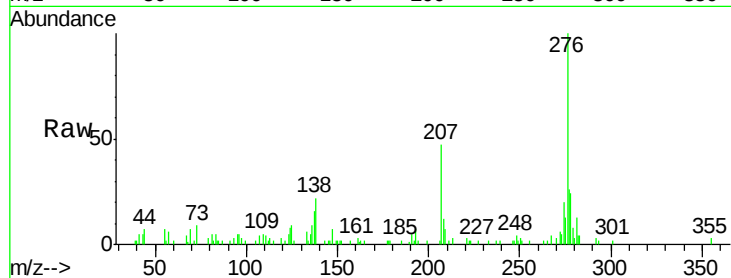




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.87 ng/ul
 RT: 25.55 min Scan# 3890
 Delta R.T. -0.00 min
 Lab File: BG018145.D
 Acq: 28 Jul 2015 13:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.6	33.8#
277	25.6	19.8	29.8



#94
 Benzo(g,h,i)perylene
 Concen: 1.85 ng/ul
 RT: 26.22 min Scan# 4005
 Delta R.T. 0.00 min
 Lab File: BG018145.D
 Acq: 28 Jul 2015 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.8	28.2
277	22.4	19.3	28.9

