

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030813.D
 Acq On : 7 Nov 2017 18:33
 Operator : SJ/JU
 Sample : I6004-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 01:11:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:10:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	51151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	251544	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	166076	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	386519	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	401282	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	404266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5291	4.20	ng/uL	0.00
5) Phenol-d5	7.32	99	111379	22.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	66912	21.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	93124	26.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	85711	21.62	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	48414	26.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	57610	31.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	102531	24.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	52572	10.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	339720	23.93	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	423773	24.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	37067	14.14	ng/ul	0.00
57) Fluorene-d10	15.76	176	316222	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	46302	24.54	ng/ul	0.00
70) Anthracene-d10	17.61	188	466292	25.51	ng/ul	0.00
76) Pyrene-d10	19.88	212	526730	25.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	509662	26.62	ng/ul	0.00

Target Compounds

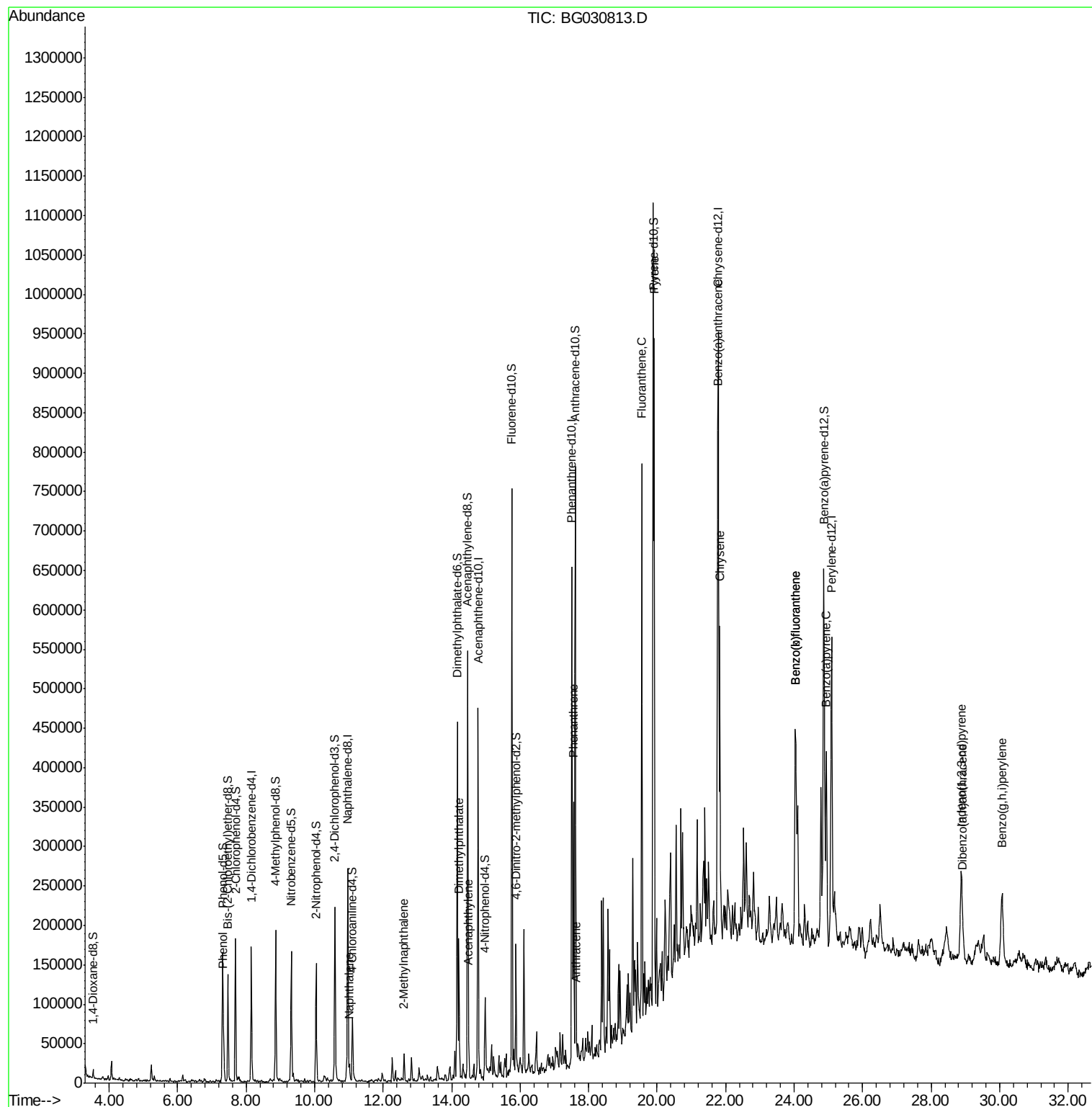
					Ovalue	
6) Phenol	7.34	94	31327	6.167	ng/ul	91
28) Naphthalene	11.02	128	18212	1.368	ng/ul	95
34) 2-Methylnaphthalene	12.61	142	18485	1.678	ng/ul	95
44) Dimethylphthalate	14.21	163	125263	9.045	ng/ul	98
47) Acenaphthylene	14.50	152	37642	2.137	ng/ul	96
69) Phenanthrene	17.55	178	210765	10.087	ng/ul	99
71) Anthracene	17.64	178	29098	1.350	ng/ul	98
74) Fluoranthene	19.55	202	439369	18.815	ng/ul	100
77) Pyrene	19.91	202	520027	19.336	ng/ul	99
80) Benzo(a)anthracene	21.76	228	249771	9.932	ng/ul	96
82) Chrysene	21.83	228	313964	13.740	ng/ul	96
85) Benzo(b)fluoranthene	24.04	252	360636	14.860	ng/ul	98
86) Benzo(k)fluoranthene	24.04	252	360636	15.369	ng/ul	98
88) Benzo(a)pyrene	24.94	252	267366	11.318	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.88	276	194768	7.287	ng/ul	97
90) Dibenzo(a,h)anthracene	28.93	278	54922	2.474	ng/ul#	84
91) Benzo(g,h,i)perylene	30.07	276	193591	8.738	ng/ul#	94

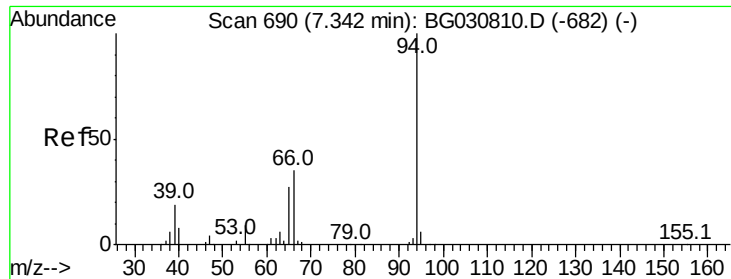
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030813.D
Acq On : 7 Nov 2017 18:33
Operator : SJ/JU
Sample : I6004-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

Quant Time: Nov 08 01:11:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:10:22 2017
Response via : Initial Calibration





#6

Phenol

Concen: 6.167 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

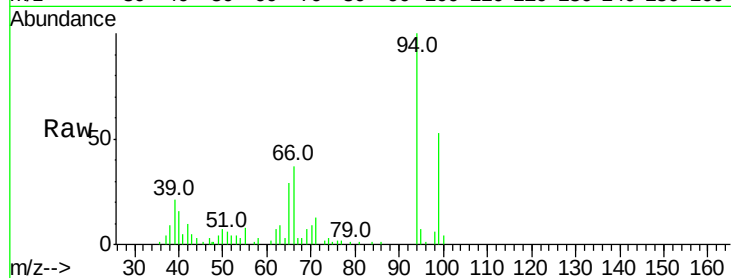
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 94 Resp: 31327

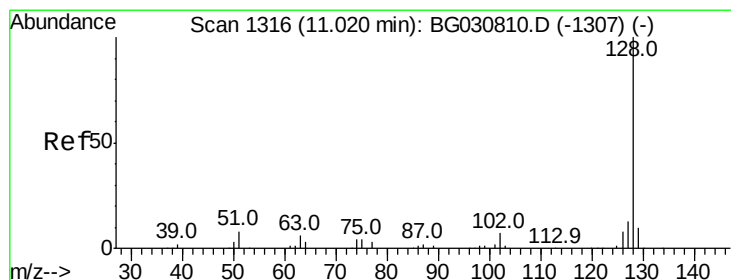
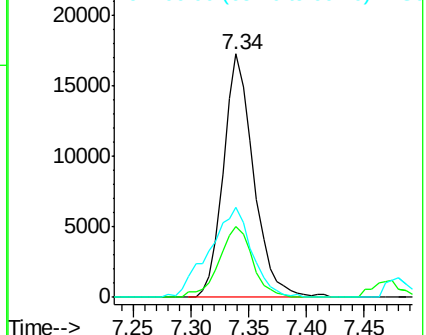
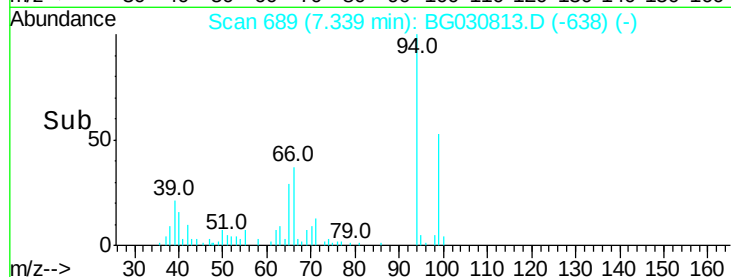
Ion	Ratio	Lower	Upper
94	100		
65	29.1	27.1	40.7
66	37.1	34.6	52.0



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



#28

Naphthalene

Concen: 1.368 ng/ul

RT: 11.02 min Scan# 1315

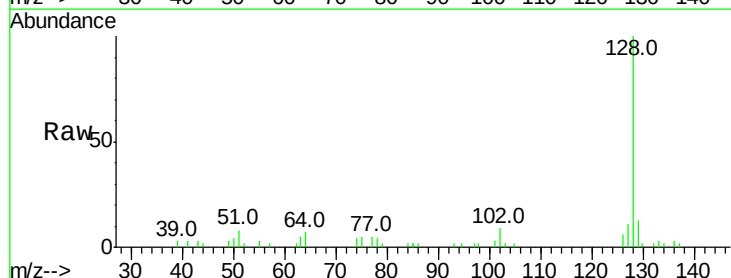
Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

Tgt Ion:128 Resp: 18212

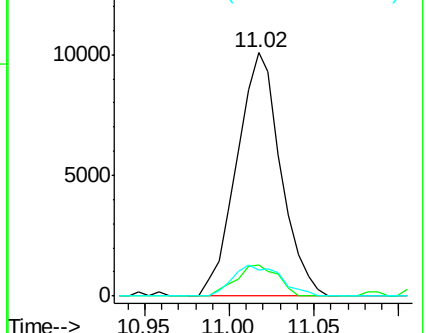
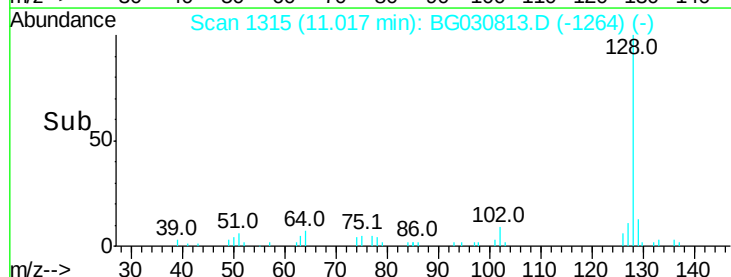
Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.3	13.9
127	10.9	10.7	16.1

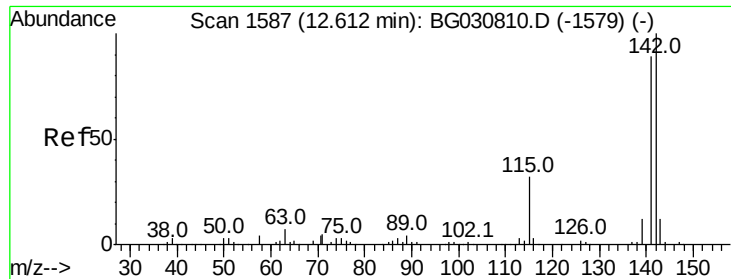


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

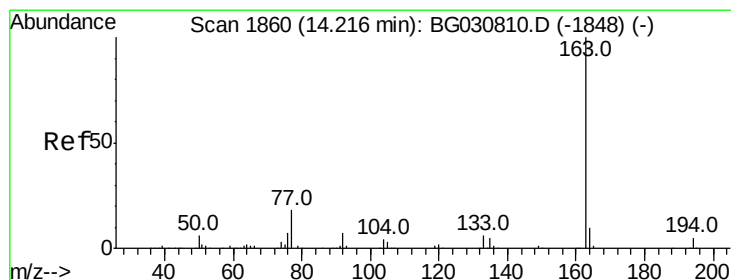
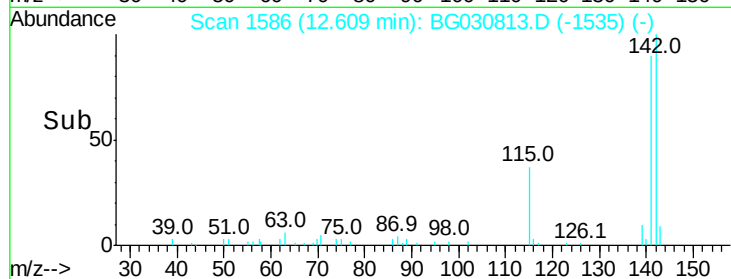
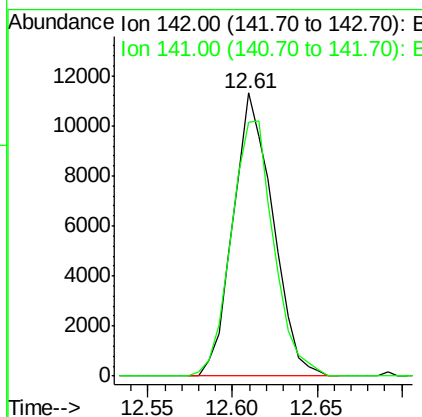
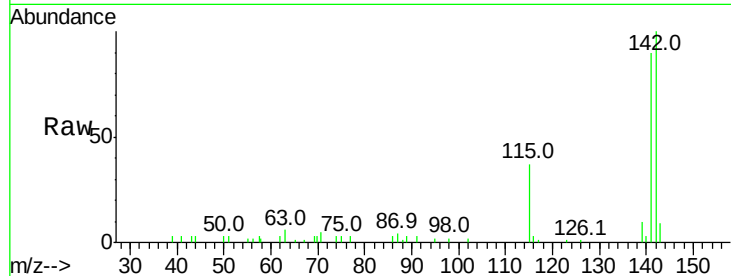




#34
 2-Methylnaphthalene
 Concen: 1.678 ng/ul
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BG030813.D
 Acq: 7 Nov 2017 18:33

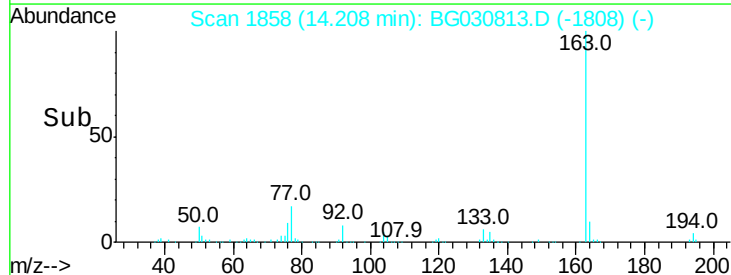
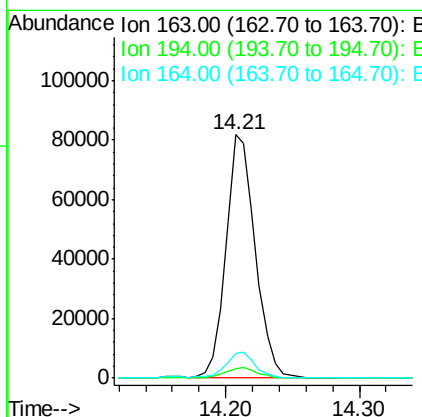
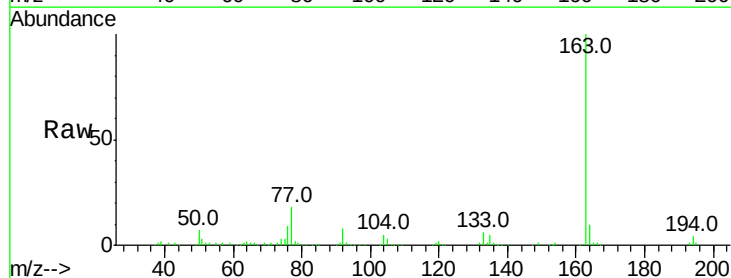
Instrument :
 BNA_G
 ClientSampleId :

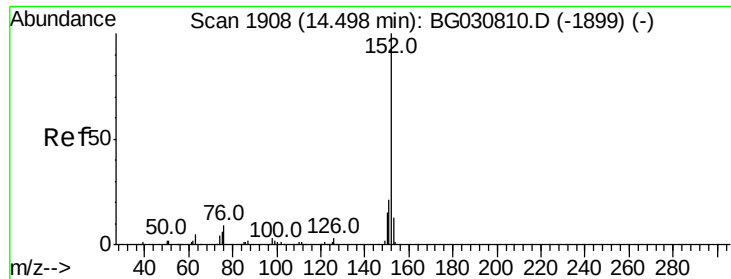
Tot Ion:142 Resp: 18485
 Ion Ratio Lower Upper
 142 100
 141 89.8 75.4 113.0



#44
 Dimethylphthalate
 Concen: 9.045 ng/ul
 RT: 14.21 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG030813.D
 Acq: 7 Nov 2017 18:33

Tgt Ion:163 Resp: 125263
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.5 5.3
 164 10.3 7.6 11.4





#47

Acenaphthylene

Concen: 2.137 ng/ul

RT: 14.50 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

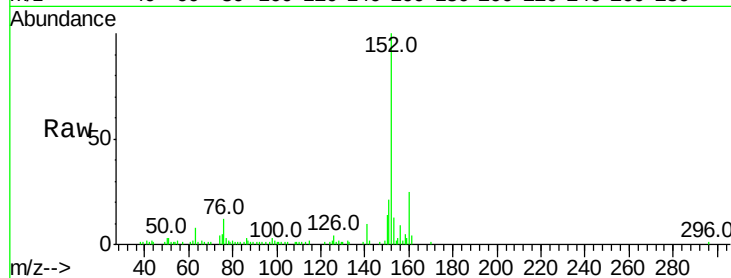
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 37642

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.2	22.8
153	13.5	10.2	15.4

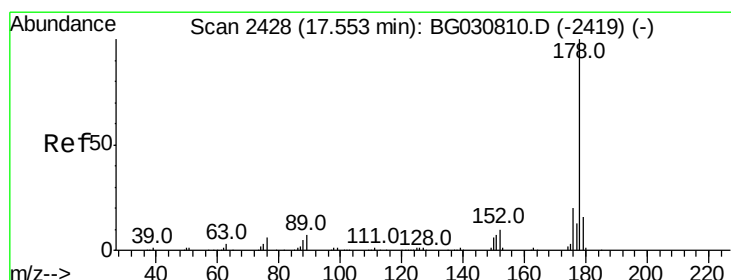
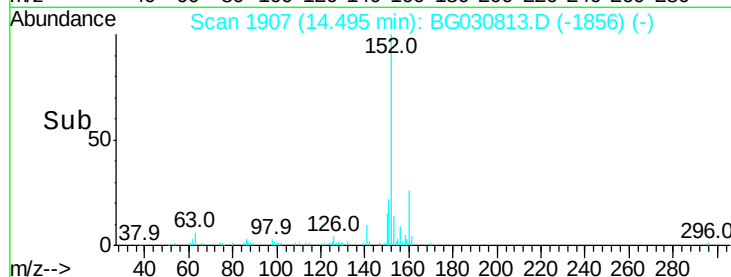
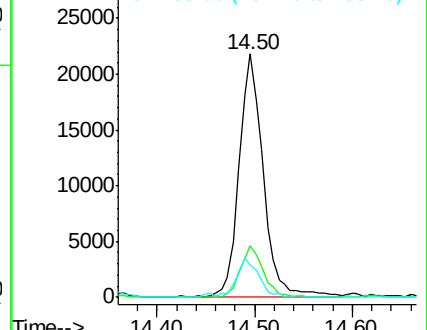


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 10.087 ng/ul

RT: 17.55 min Scan# 2427

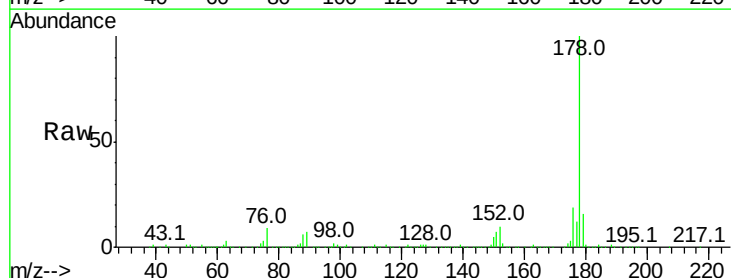
Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

Tgt Ion:178 Resp: 210765

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	18.7	15.3	22.9

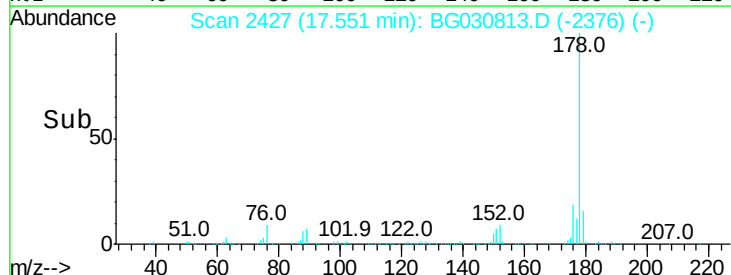
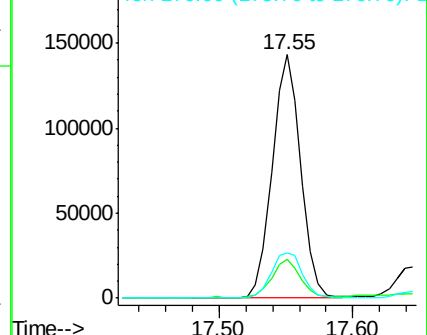


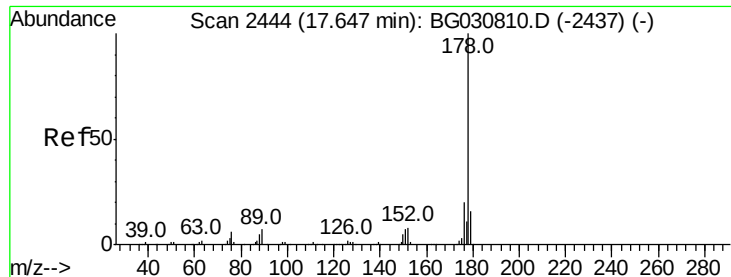
Abundance

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

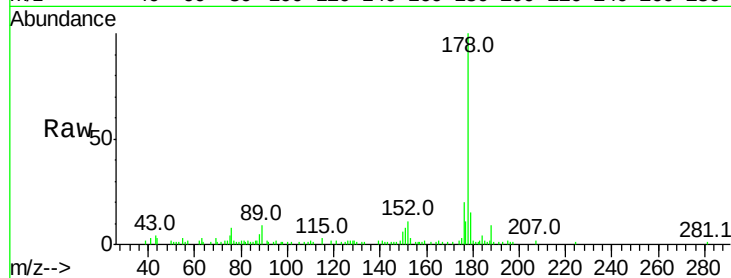




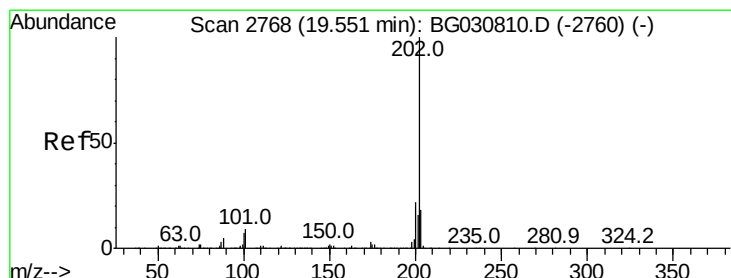
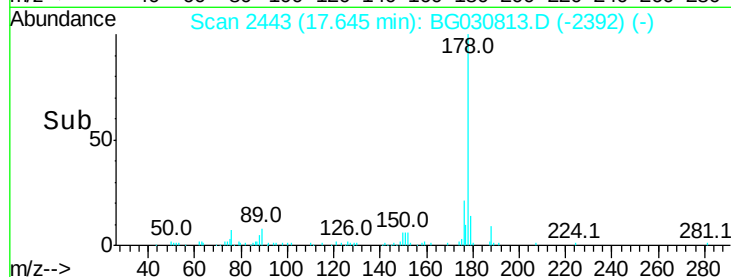
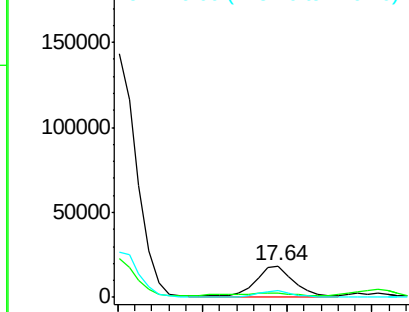
#71
 Anthracene
 Concen: 1.350 ng/ul
 RT: 17.64 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG030813.D
 Acq: 7 Nov 2017 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 29098
 Ion Ratio Lower Upper
 178 100
 179 15.2 13.2 19.8
 176 20.5 16.0 24.0

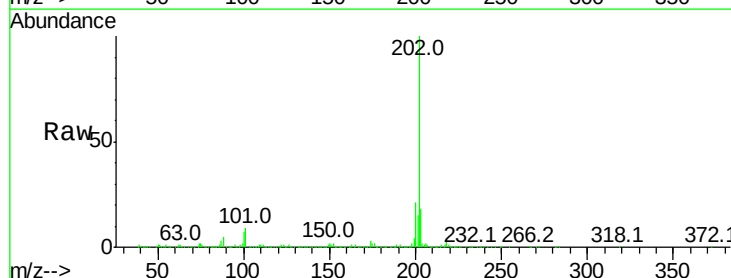


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

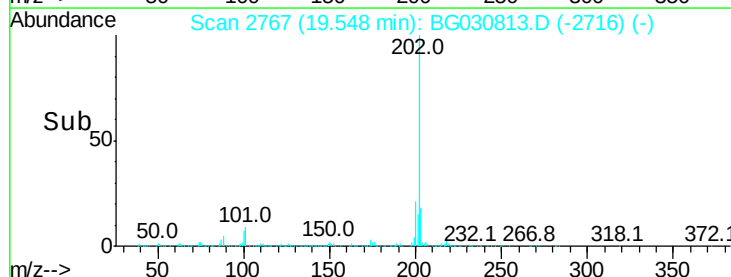
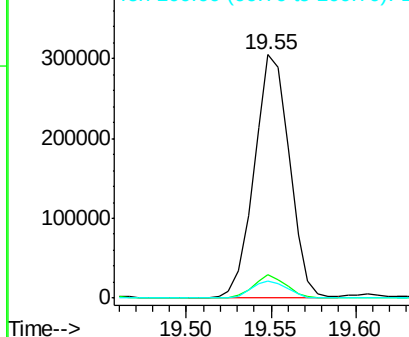


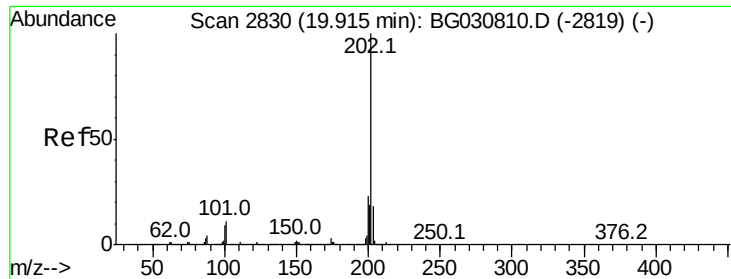
#74
 Fluoranthene
 Concen: 18.815 ng/ul
 RT: 19.55 min Scan# 2767
 Delta R.T. -0.00 min
 Lab File: BG030813.D
 Acq: 7 Nov 2017 18:33

Tgt Ion:202 Resp: 439369
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.4 11.2
 100 6.9 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





#77

Pvrene

Concen: 19.336 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

Instrument :

BNA_G

ClientSampleId :

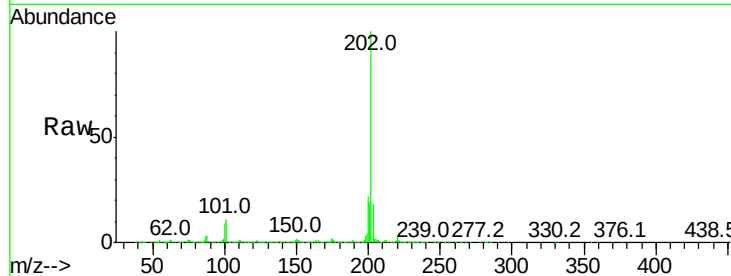
Tot Ion:202 Resp: 520027

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

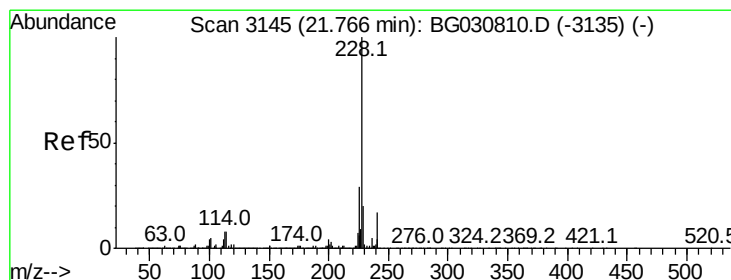
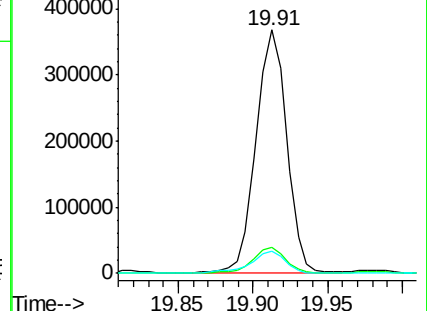
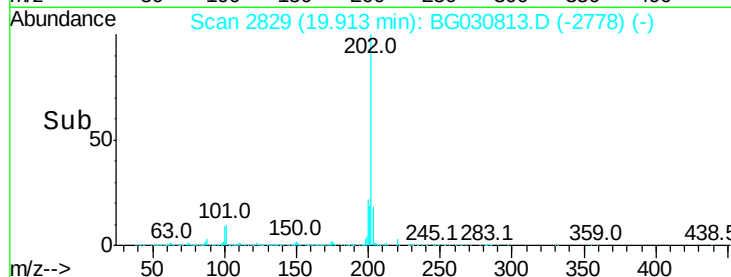
100 9.2 7.0 10.6



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): E



#80

Benzo(a)anthracene

Concen: 9.932 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

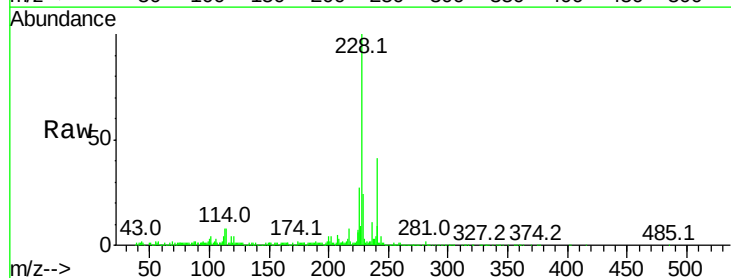
Tgt Ion:228 Resp: 249771

Ion Ratio Lower Upper

228 100

229 24.2 16.2 24.4

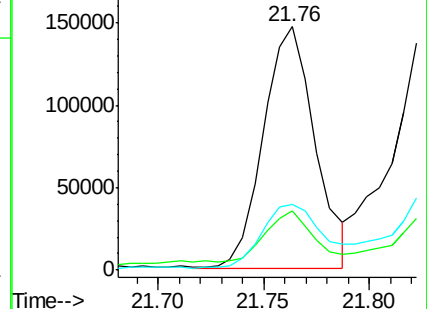
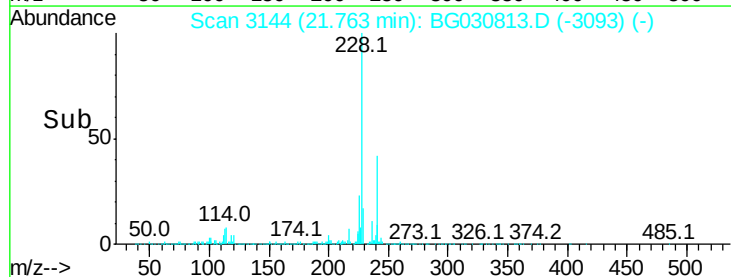
226 27.1 22.2 33.2

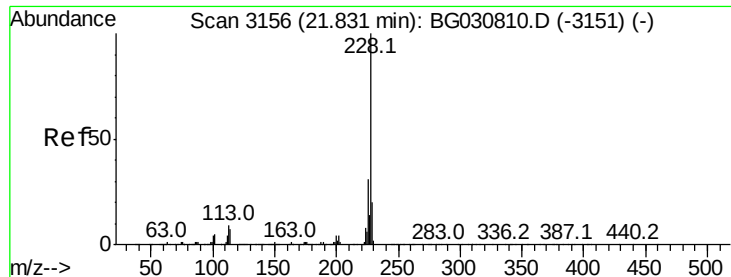


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 13.740 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

Instrument :

BNA_G

ClientSampleId :

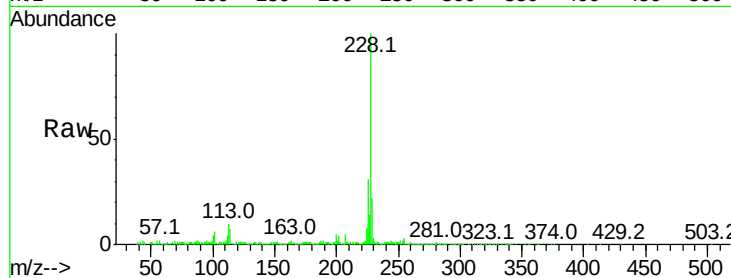
Tot Ion:228 Resp: 313964

Ion Ratio Lower Upper

228 100

226 31.5 24.2 36.2

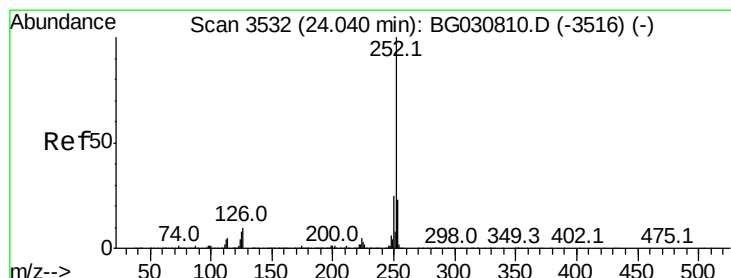
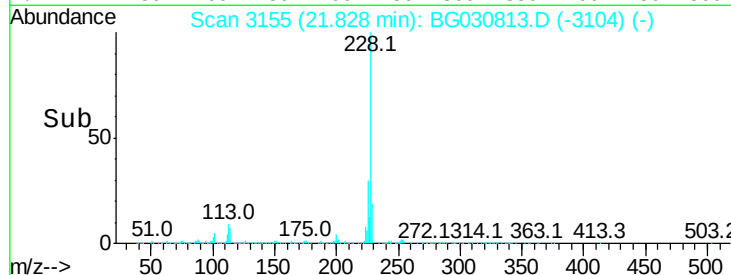
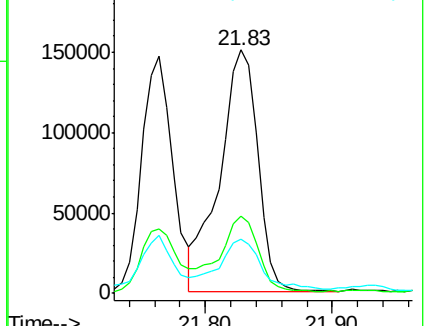
229 22.5 15.2 22.8



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



#85

Benzo(b)fluoranthene

Concen: 14.860 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

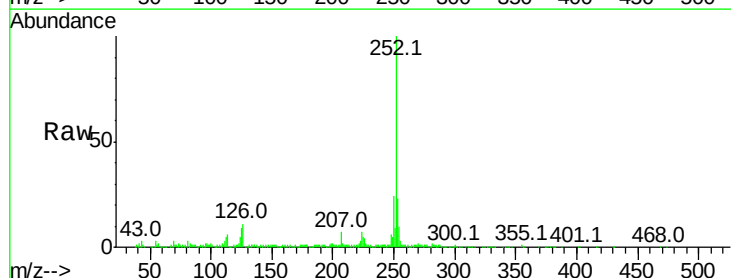
Tgt Ion:252 Resp: 360636

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

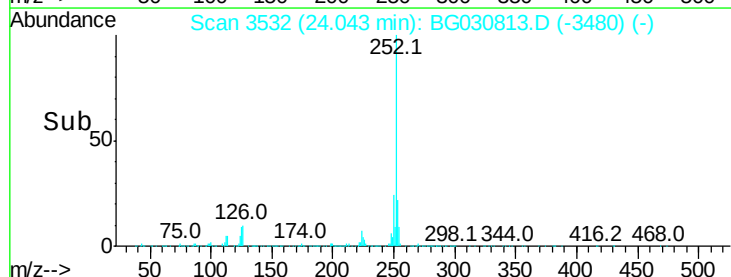
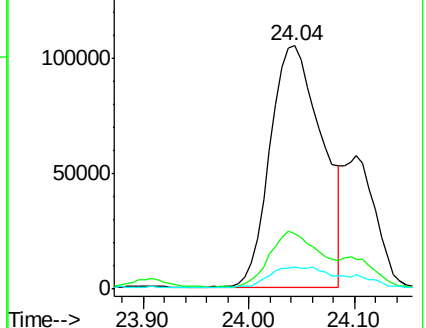
125 8.9 7.5 11.3

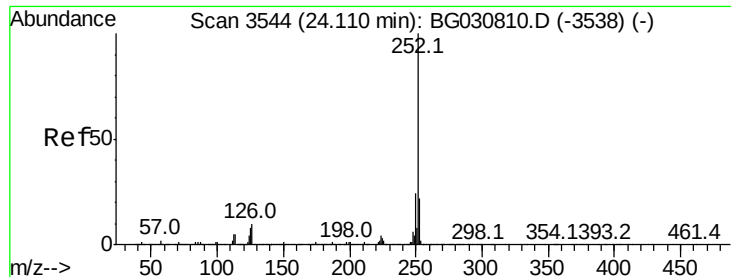


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 15.369 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. -0.07 min

Lab File: BG030813.D

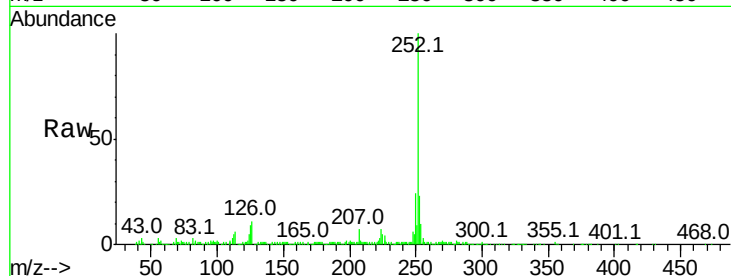
Acq: 7 Nov 2017 18:33

Instrument :

BNA_G

ClientSampleId :

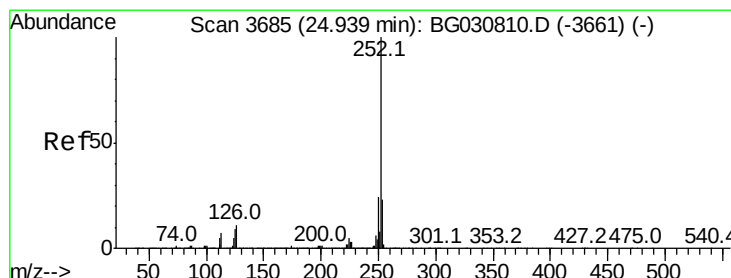
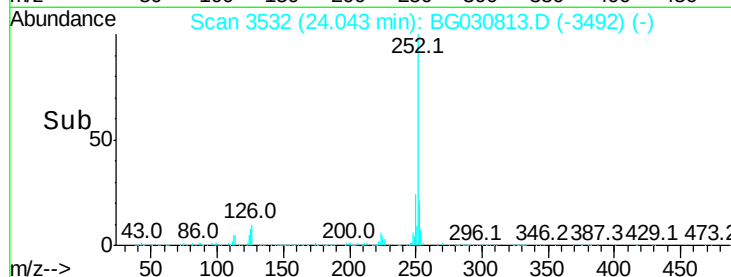
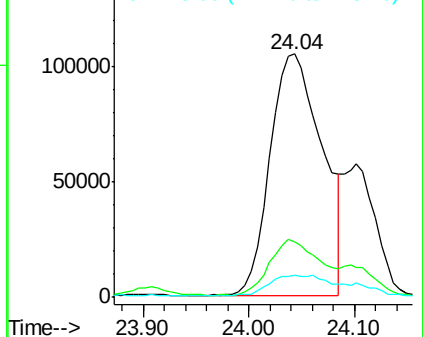
Tot Ion:252	Resp:	360636
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.2 25.8
125	8.9	7.8 11.8



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



#88

Benzo(a)pyrene

Concen: 11.318 ng/ul

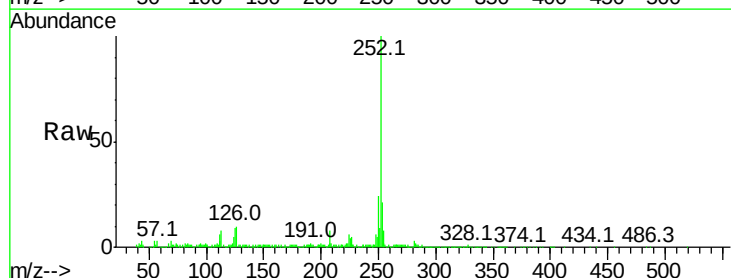
RT: 24.94 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

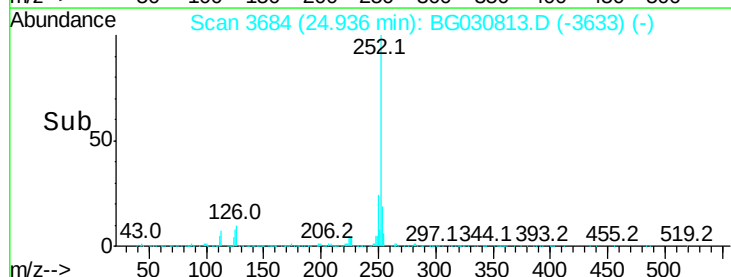
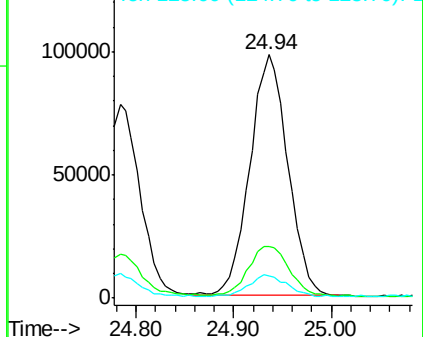
Tgt Ion:252	Resp:	267366
Ion Ratio	Lower	Upper
252	100	
253	21.1	17.1 25.7
125	9.2	7.8 11.8

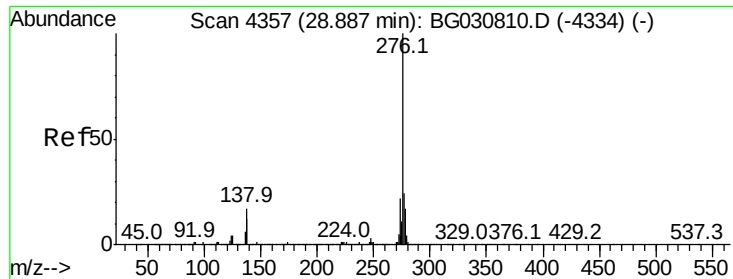


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



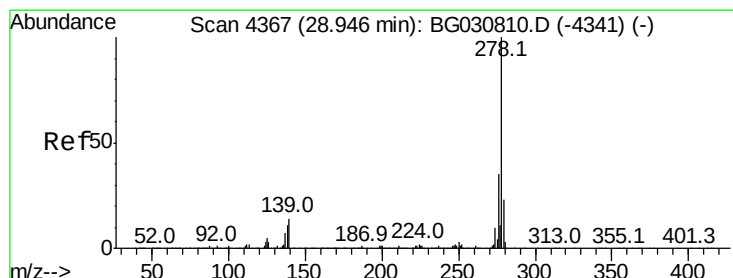
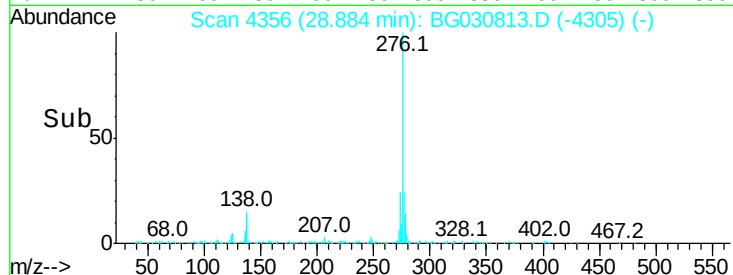
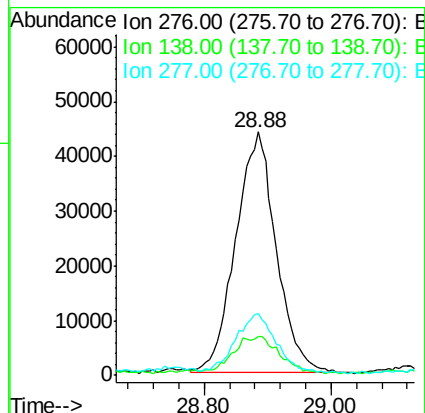
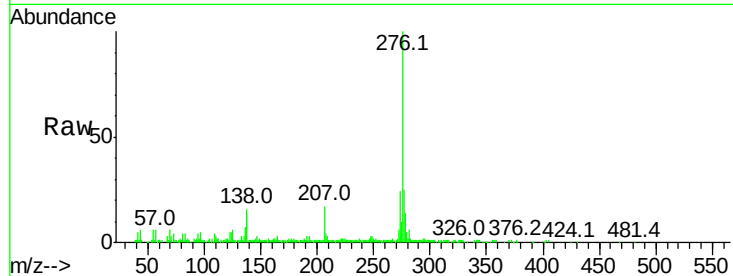


#89

Indeno(1,2,3-cd)pyrene
Concen: 7.287 ng/ul
RT: 28.88 min Scan# 4356
Delta R.T. -0.00 min
Lab File: BG030813.D
Acq: 7 Nov 2017 18:33

Instrument :
BNA_G
ClientSampleId :

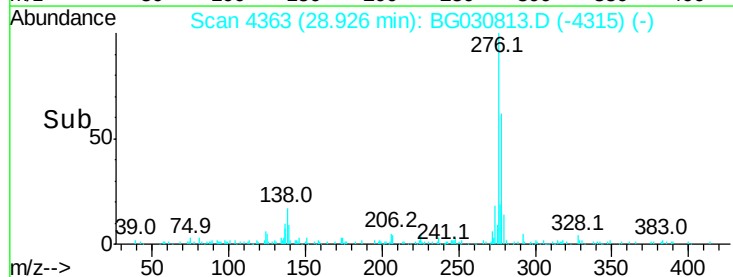
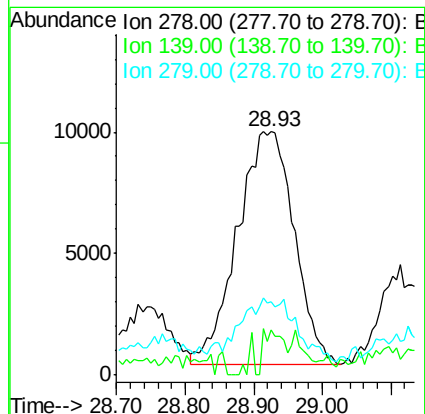
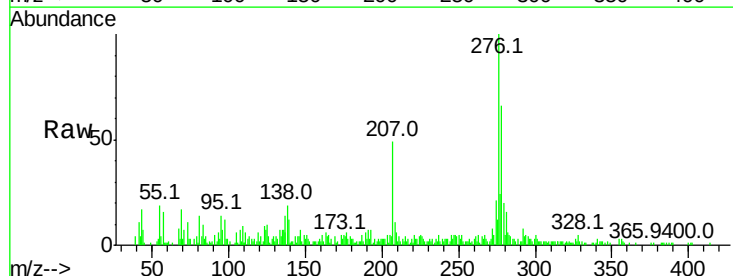
Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.4	20.0
277	25.2	18.6	28.0

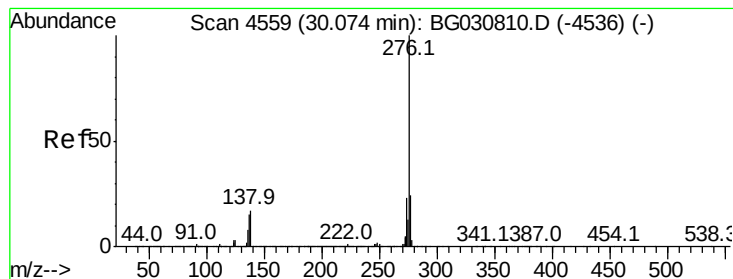


#90

Dibenzo(a,h)anthracene
Concen: 2.474 ng/ul
RT: 28.93 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG030813.D
Acq: 7 Nov 2017 18:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	9.4	14.2#
279	30.3	18.4	27.6#





#91

Benzo(a,h,i)perylene

Concen: 8.738 ng/ul

RT: 30.07 min Scan# 4558

Delta R.T. -0.00 min

Lab File: BG030813.D

Acq: 7 Nov 2017 18:33

Instrument :

BNA_G

ClientSampleId :

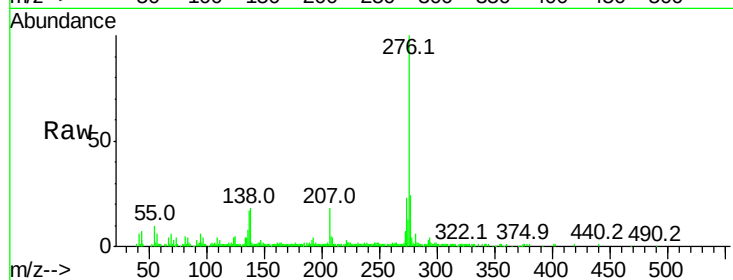
Tot Ion:276 Resp: 193591

Ion Ratio Lower Upper

276 100

138 18.2 12.1 18.1#

277 24.2 17.7 26.5



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

