

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030784.D
 Acq On : 6 Nov 2017 20:49
 Operator : SJ/JU
 Sample : I6188-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EJ3

Quant Time: Nov 07 06:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 06:56:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	60635	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	282686	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	190169	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	461707	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	491439	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	505835	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	7389	4.95	ng/uL	0.00
5) Phenol-d5	7.32	99	169100	29.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	101284	27.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	136568	33.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	96862	20.61	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	76299	37.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	92685	44.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	158119	33.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	128463	23.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	515806	31.73	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	675437	34.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	110980	36.98	ng/ul	0.00
57) Fluorene-d10	15.76	176	505579	37.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	56222	24.95	ng/ul	0.00
70) Anthracene-d10	17.61	188	884962	40.53	ng/ul	0.00
76) Pyrene-d10	19.89	212	1162809	45.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	1209384	50.48	ng/ul	0.00

Target Compounds

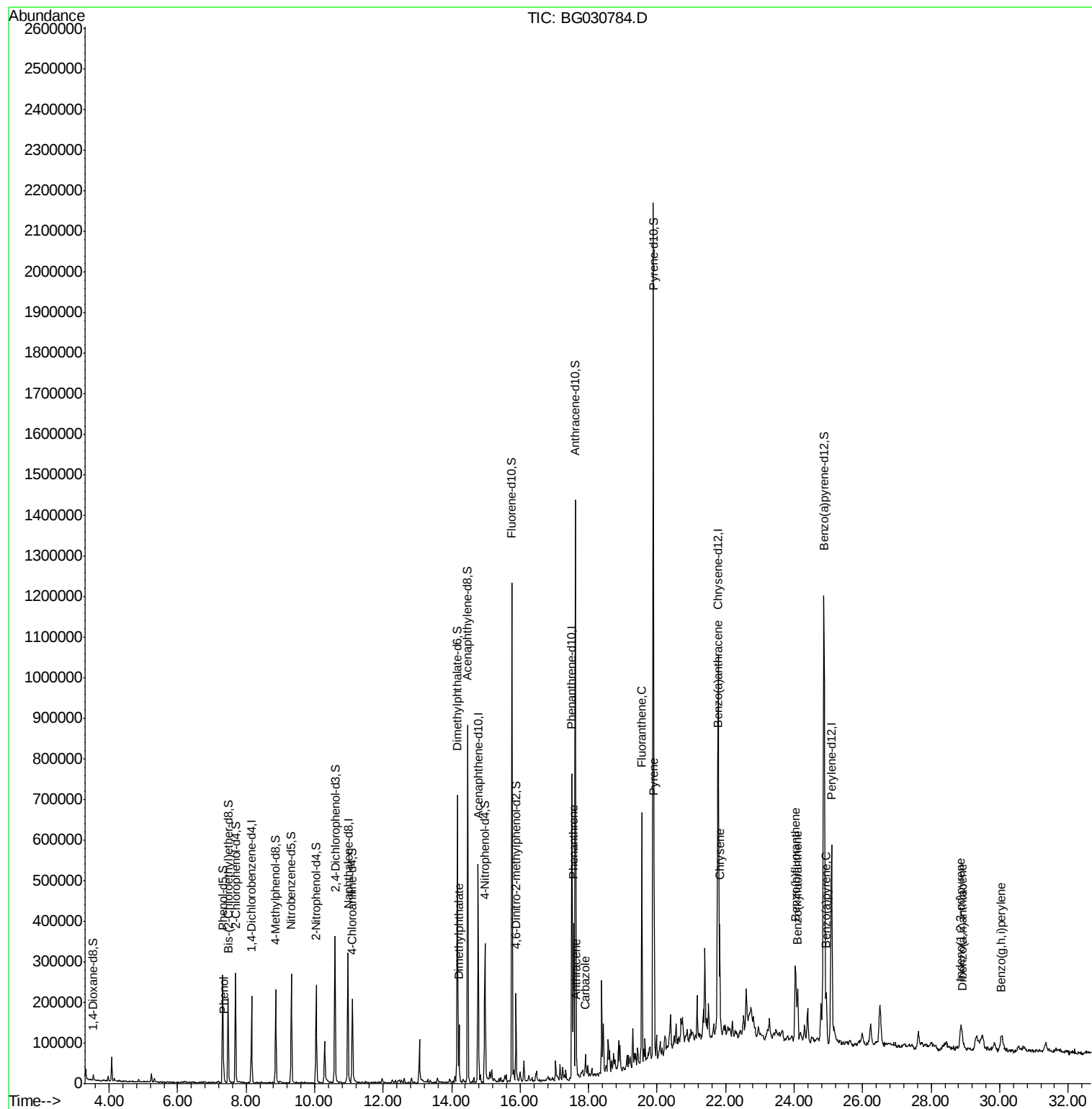
					Qvalue	
6) Phenol	7.34	94	17359	2.883	ng/ul#	86
44) Dimethylphthalate	14.21	163	96540	6.088	ng/ul	99
69) Phenanthrene	17.55	178	249779	10.007	ng/ul	99
71) Anthracene	17.64	178	41847	1.625	ng/ul	99
72) Carbazole	17.91	167	32011	1.383	ng/ul	98
74) Fluoranthene	19.55	202	390367	13.994	ng/ul	98
77) Pyrene	19.91	202	285649	8.673	ng/ul	99
80) Benzo(a)anthracene	21.76	228	190006	6.169	ng/ul	97
82) Chrysene	21.83	228	203217	7.262	ng/ul	95
85) Benzo(b)fluoranthene	24.04	252	222449	7.325	ng/ul	95
86) Benzo(k)fluoranthene	24.10	252	71839	2.447	ng/ul	96
88) Benzo(a)pyrene	24.94	252	135077	4.570	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.87	276	102238	3.057	ng/ul	97
90) Dibenzo(a,h)anthracene	28.92	278	33300	1.199	ng/ul#	84
91) Benzo(g,h,i)perylene	30.05	276	79094	2.853	ng/ul	94

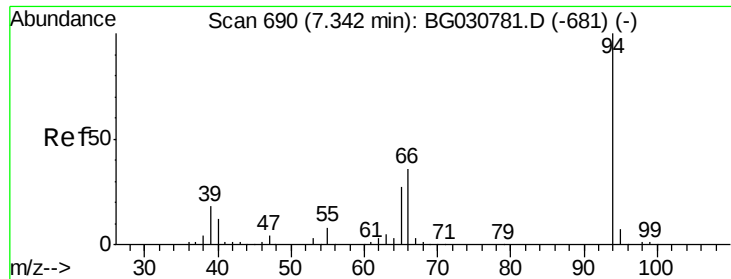
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 06:56:14 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.883 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

Instrument :

BNA_G

ClientSampled :

B0EJ3

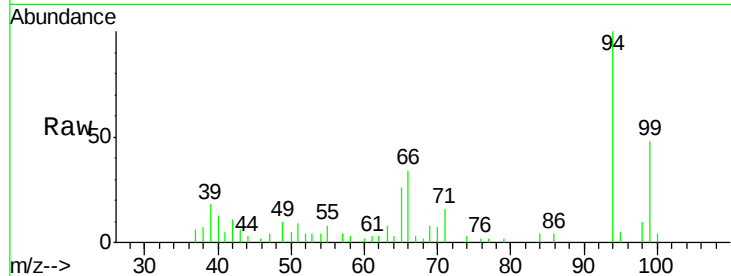
Tgt Ion: 94 Resp: 17359

Ion Ratio Lower Upper

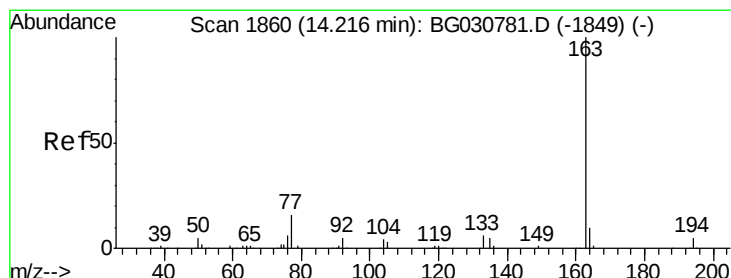
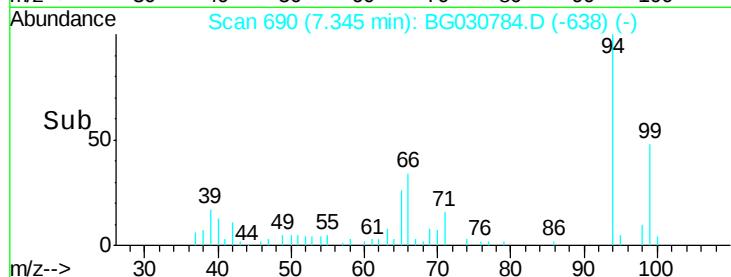
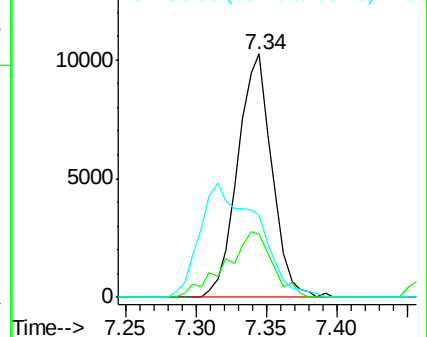
94 100

65 25.8 27.1 40.7#

66 33.9 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



#44

Dimethylphthalate

Concen: 6.088 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

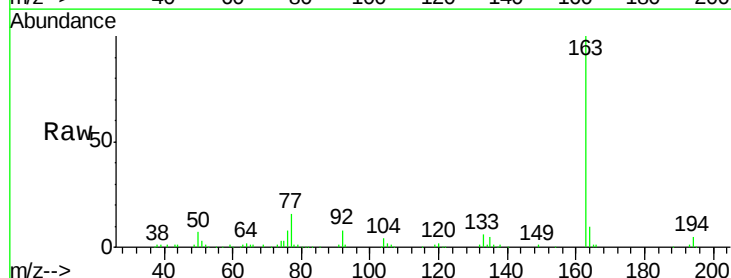
Tgt Ion:163 Resp: 96540

Ion Ratio Lower Upper

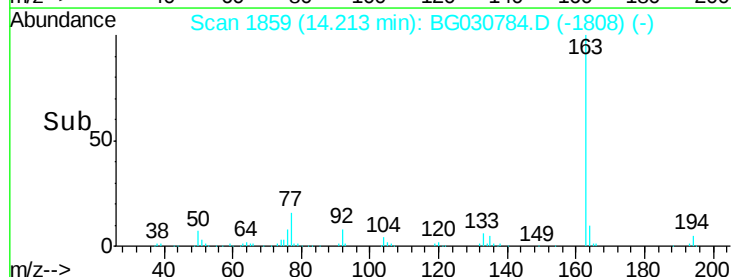
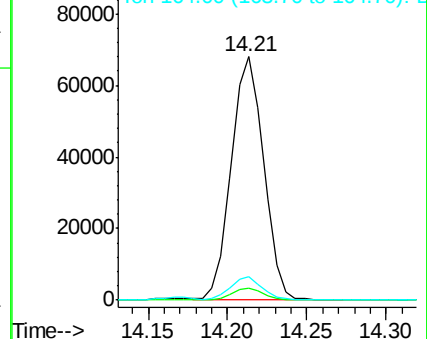
163 100

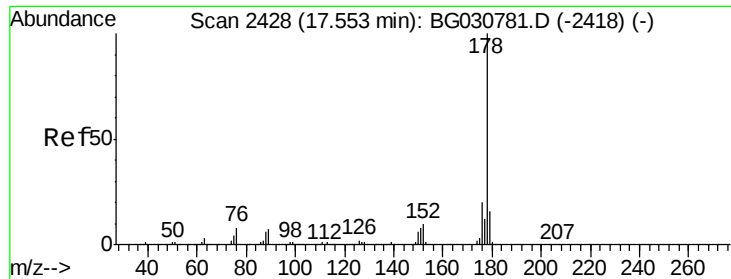
194 5.2 3.5 5.3

164 9.6 7.6 11.4



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





#69

Phenanthrene

Concen: 10.007 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

Instrument :

BNA_G

ClientSampleId :

B0EJ3

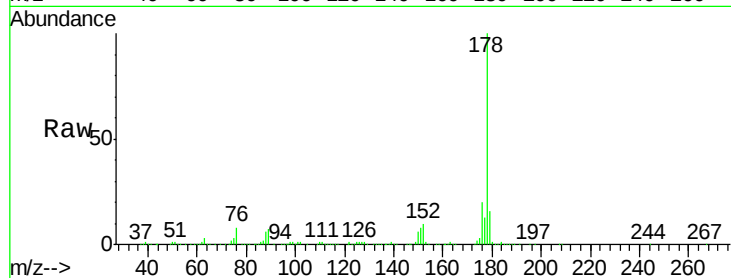
Tgt Ion:178 Resp: 249779

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

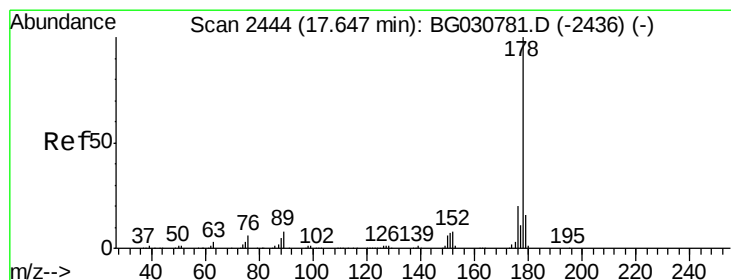
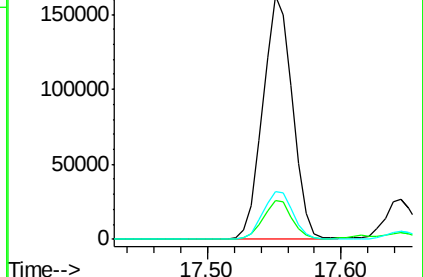
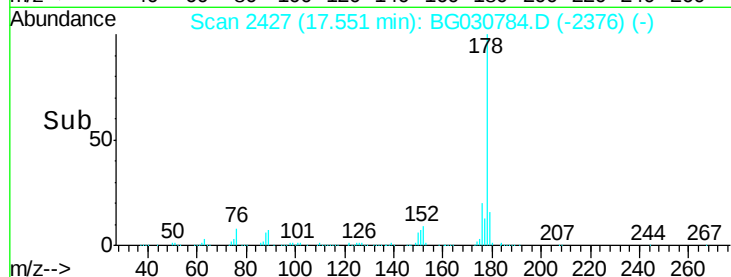
176 19.6 15.3 22.9



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: 1.625 ng/ul

RT: 17.64 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

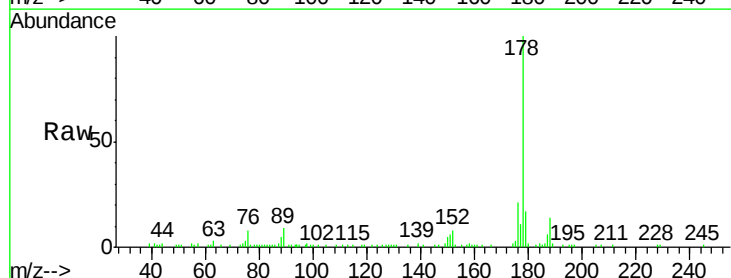
Tgt Ion:178 Resp: 41847

Ion Ratio Lower Upper

178 100

179 16.8 13.2 19.8

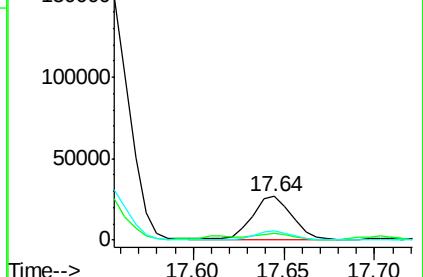
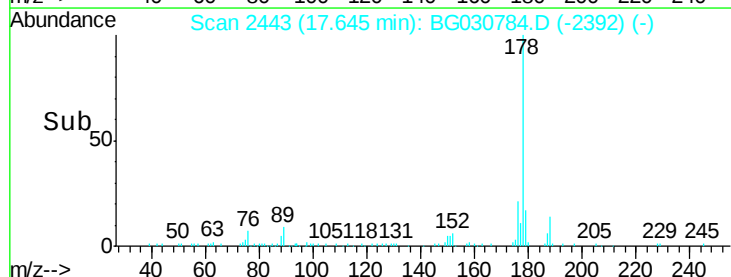
176 20.9 16.0 24.0

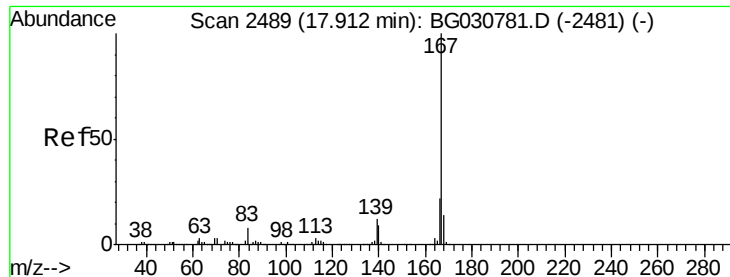


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.383 ng/ul

RT: 17.91 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

Instrument :

BNA_G

ClientSampled :

B0EJ3

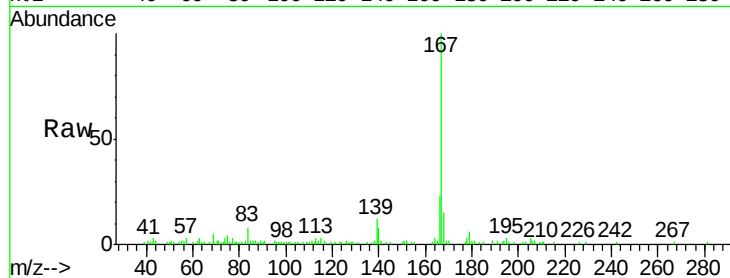
Tgt Ion:167 Resp: 32011

Ion Ratio Lower Upper

167 100

166 23.5 18.6 28.0

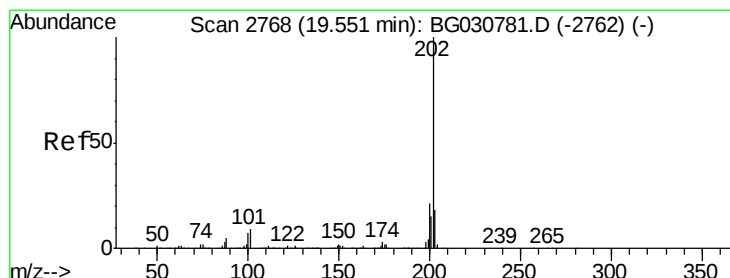
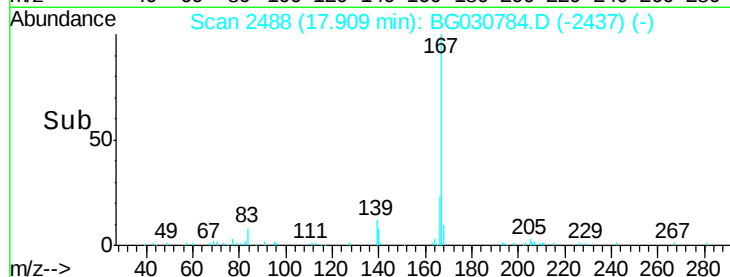
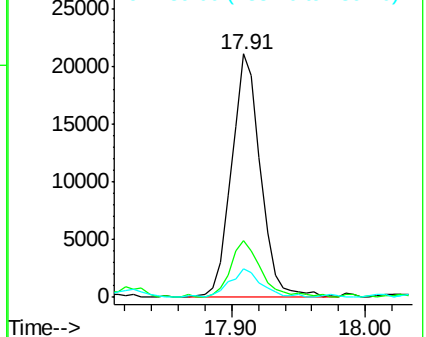
139 11.6 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 13.994 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

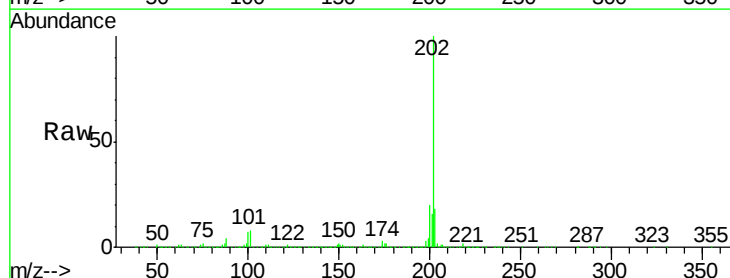
Tgt Ion:202 Resp: 390367

Ion Ratio Lower Upper

202 100

101 8.5 7.4 11.2

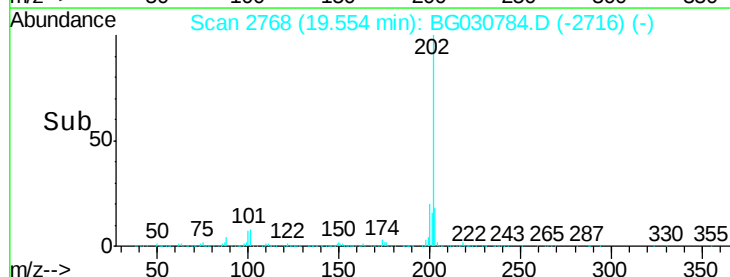
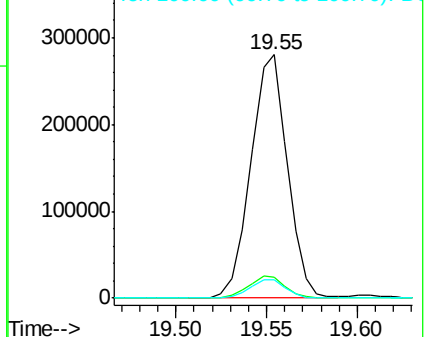
100 7.4 5.6 8.4

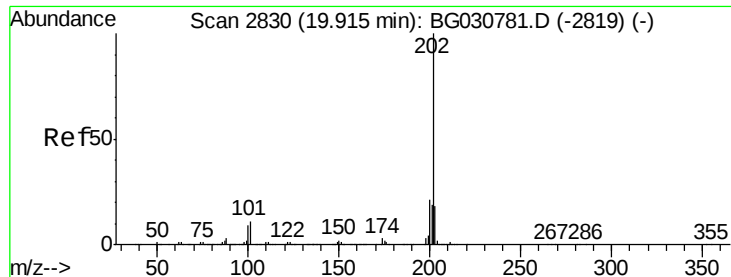


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 8.673 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

Instrument :

BNA_G

ClientSampled :

B0EJ3

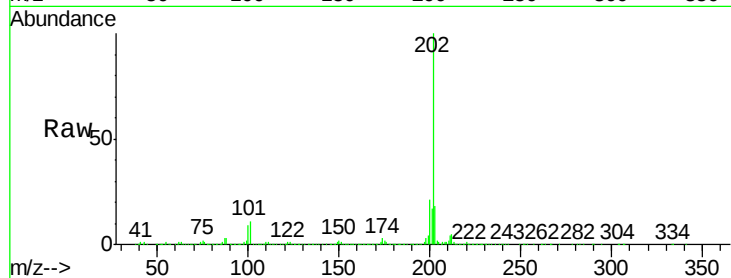
Tgt Ion:202 Resp: 285649

Ion Ratio Lower Upper

202 100

101 10.9 8.4 12.6

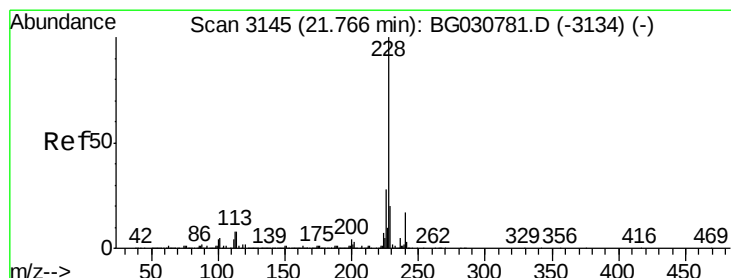
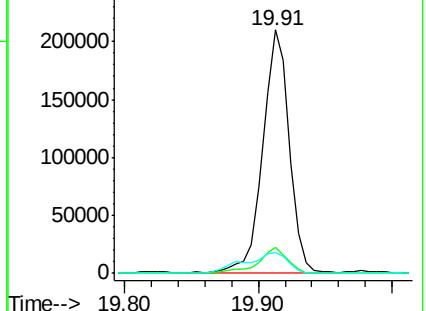
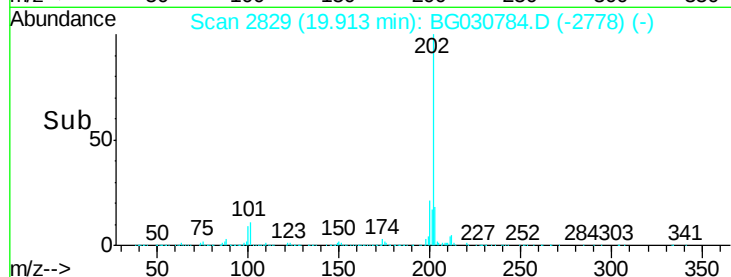
100 8.7 7.0 10.6



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): B



#80

Benzo(a)anthracene

Concen: 6.169 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

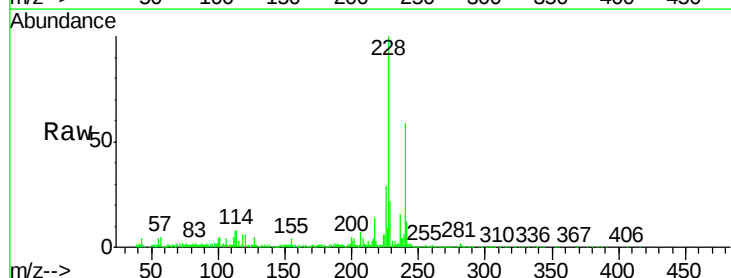
Tgt Ion:228 Resp: 190006

Ion Ratio Lower Upper

228 100

229 22.3 16.2 24.4

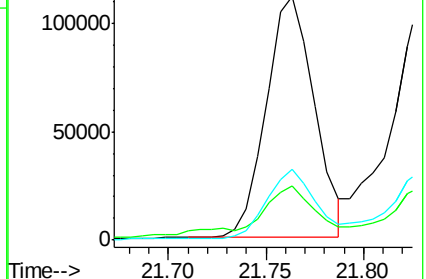
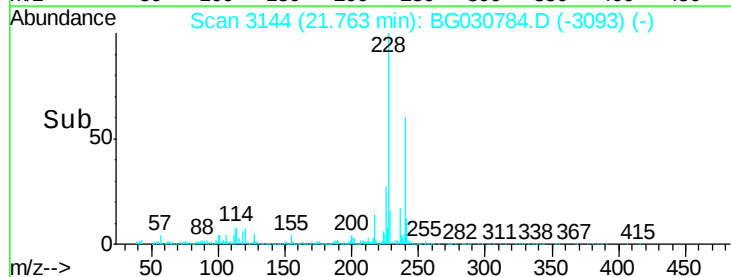
226 29.0 22.2 33.2

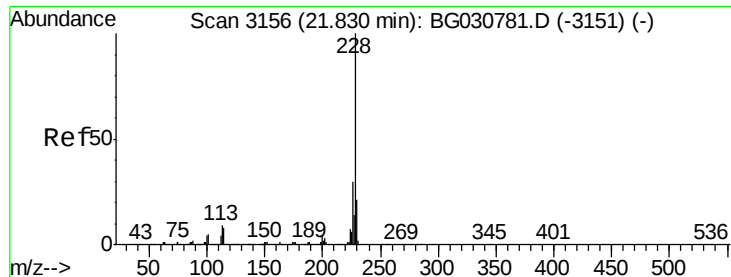


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 7.262 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

Instrument :

BNA_G

ClientSampleId :

B0EJ3

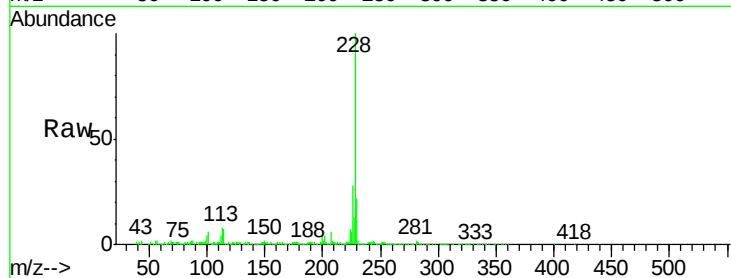
Tgt Ion:228 Resp: 203217

Ion Ratio Lower Upper

228 100

226 27.8 24.2 36.2

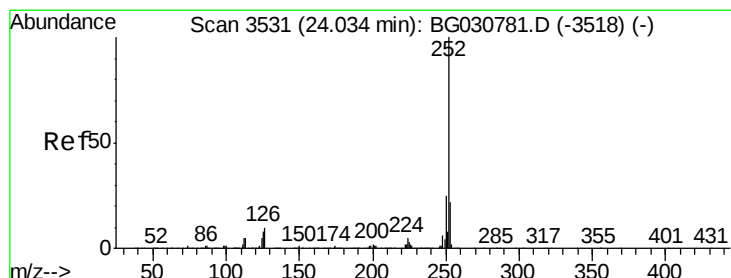
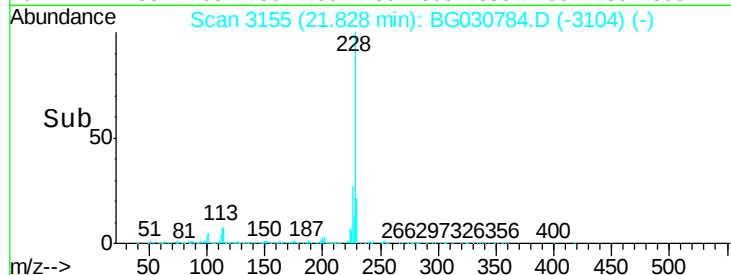
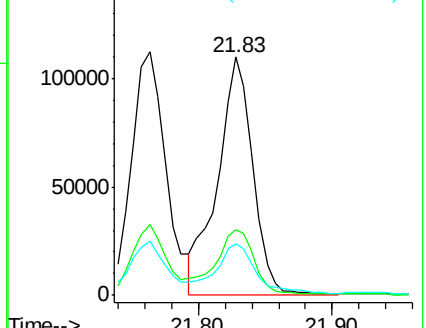
229 21.7 15.2 22.8



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: 7.325 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. 0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

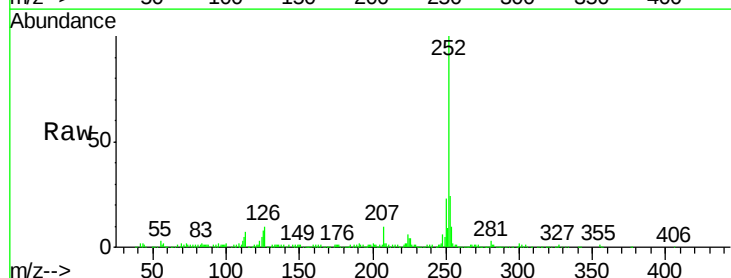
Tgt Ion:252 Resp: 222449

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.4

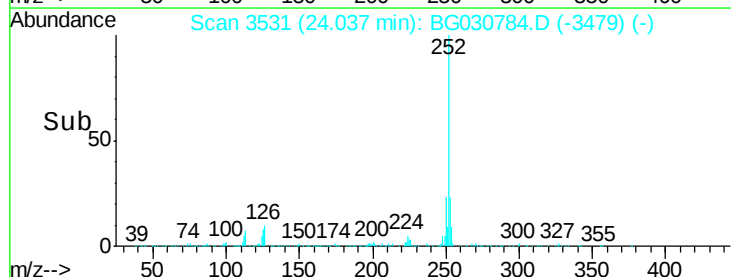
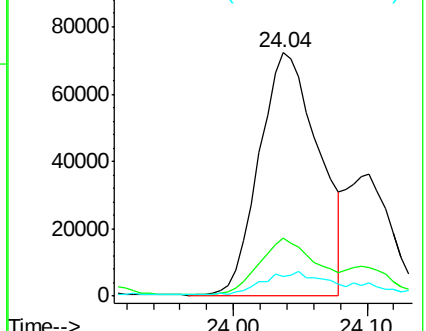
125 8.1 7.5 11.3

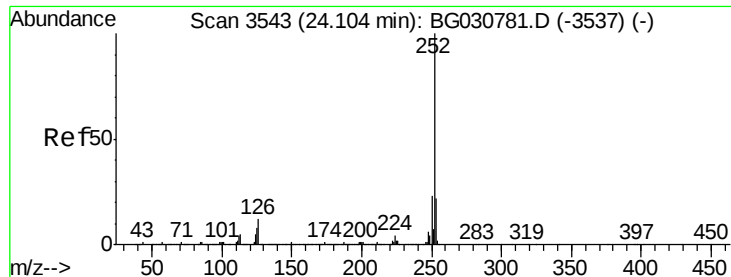


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

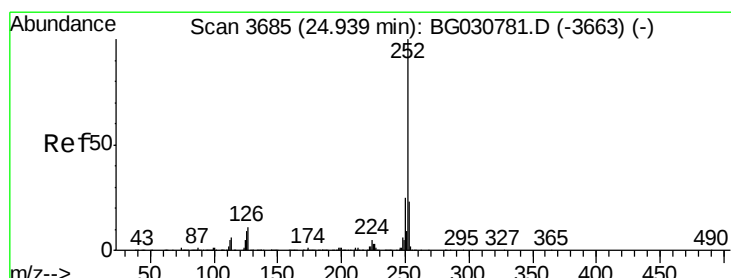
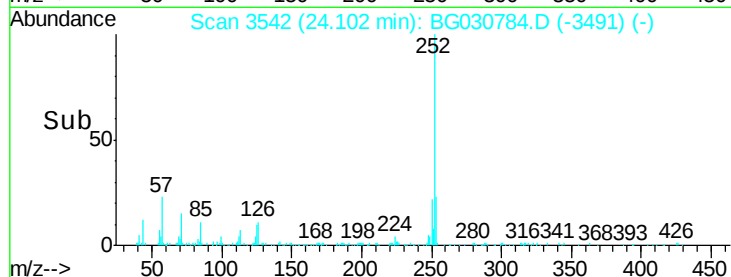
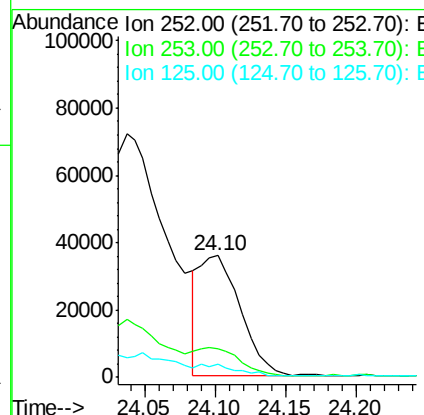
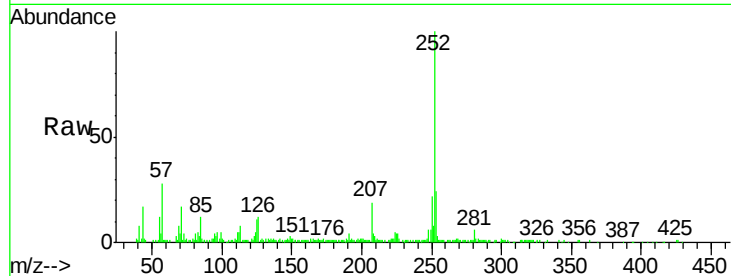




#86
Benzo(k)fluoranthene
Concen: 2.447 ng/ul
RT: 24.10 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG030784.D
Acq: 6 Nov 2017 20:49

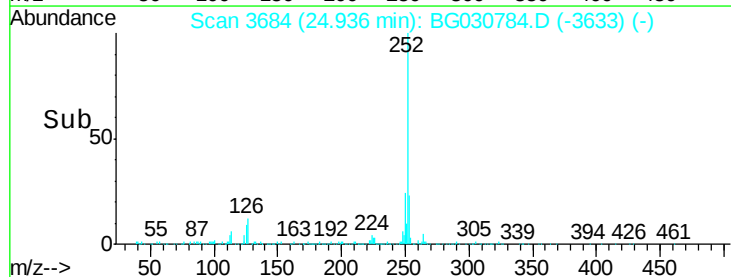
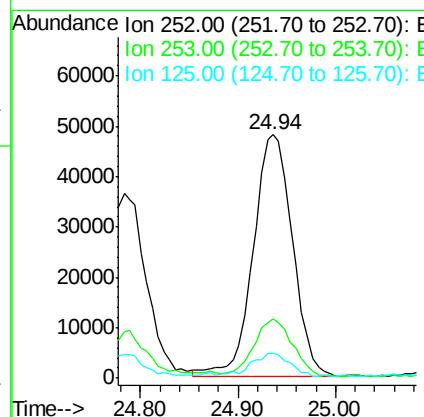
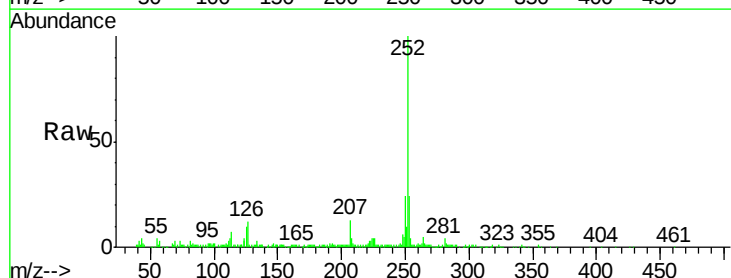
Instrument :
BNA_G
ClientSampleId :
B0EJ3

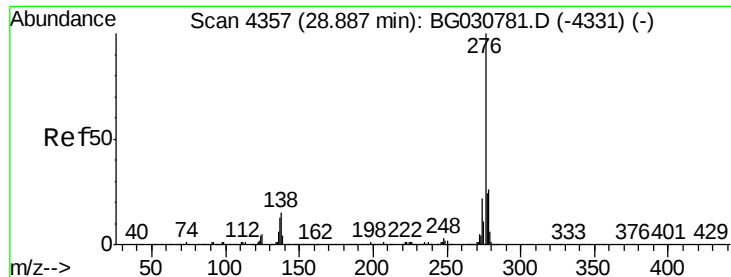
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	10.7	7.8	11.8



#88
Benzo(a)pyrene
Concen: 4.570 ng/ul
RT: 24.94 min Scan# 3684
Delta R.T. -0.00 min
Lab File: BG030784.D
Acq: 6 Nov 2017 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	10.2	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.057 ng/ul

RT: 28.87 min Scan# 4353

Delta R.T. -0.02 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

Instrument :

BNA_G

ClientSampleId :

B0EJ3

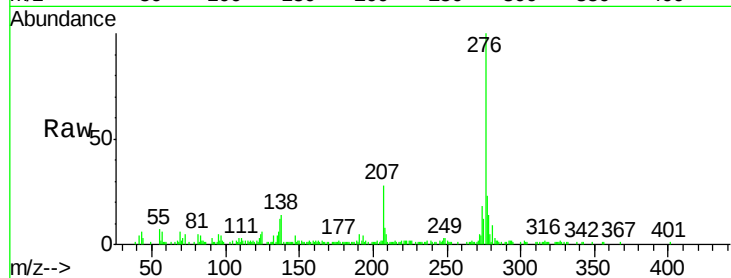
Tgt Ion:276 Resp: 102238

Ion Ratio Lower Upper

276 100

138 13.9 13.4 20.0

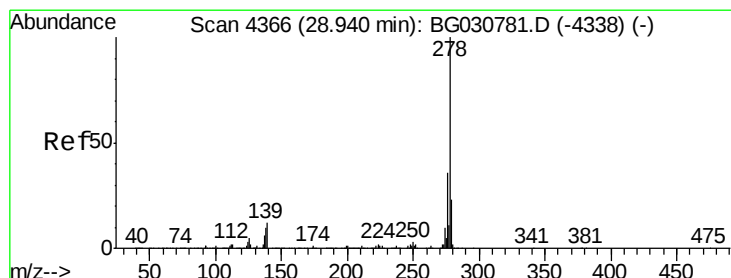
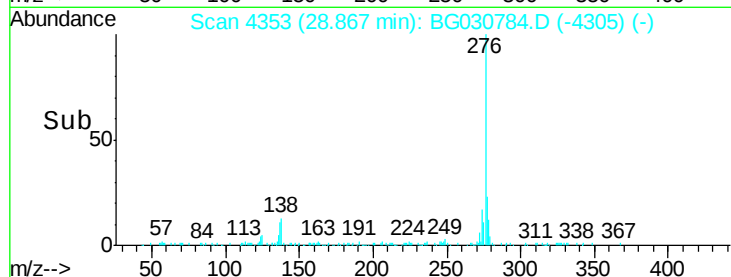
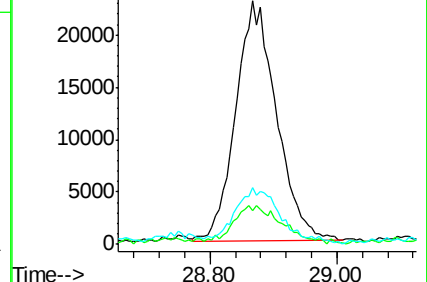
277 23.1 18.6 28.0



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



#90

Dibenzo(a,h)anthracene

Concen: 1.199 ng/ul

RT: 28.92 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

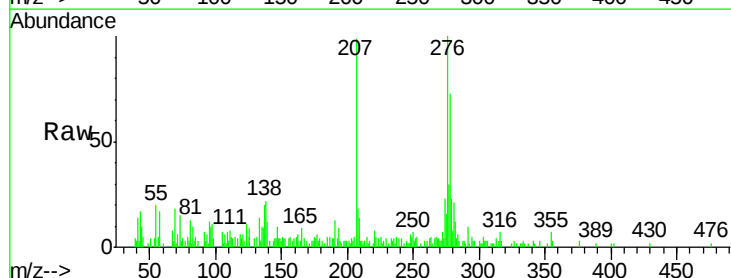
Tgt Ion:278 Resp: 33300

Ion Ratio Lower Upper

278 100

139 16.9 9.4 14.2#

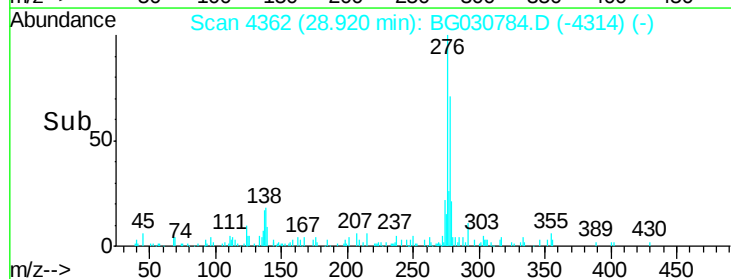
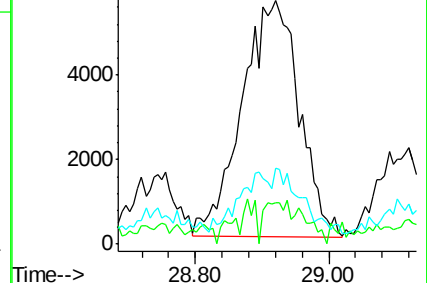
279 31.2 18.4 27.6#

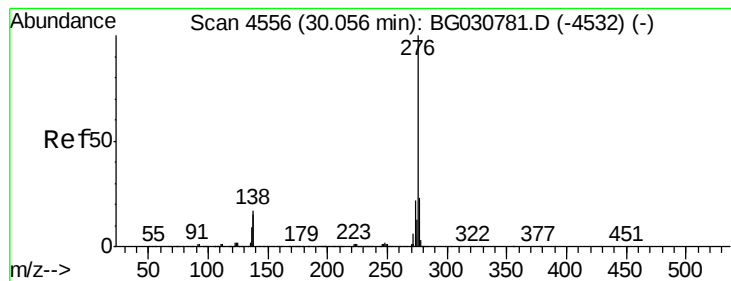


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.853 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.00 min

Lab File: BG030784.D

Acq: 6 Nov 2017 20:49

Instrument :

BNA_G

ClientSampleId :

B0EJ3

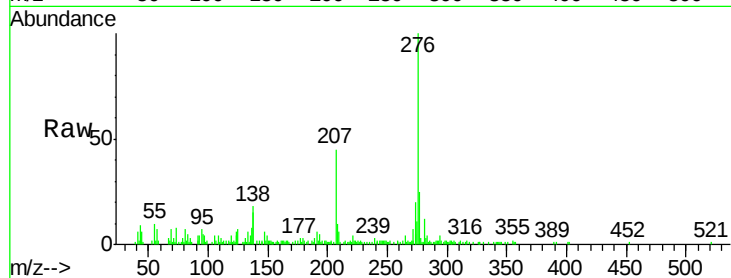
Tgt Ion: 276 Resp: 79094

Ion Ratio Lower Upper

276 100

138 18.1 12.1 18.1

277 24.6 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

