

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030824.D
 Acq On : 8 Nov 2017 1:24
 Operator : SJ/JU
 Sample : I6004-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 03:29:33 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	70963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	347162	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	224432	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	521708	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	538593	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	559998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6568	3.76	ng/uL	0.00
5) Phenol-d5	7.31	99	145630	21.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	91666	21.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	123991	25.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	106488	19.36	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	67019	26.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	75888	29.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	135021	23.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	114343	16.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	446439	23.27	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	567886	24.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	43854	12.38	ng/ul	0.00
57) Fluorene-d10	15.76	176	417806	26.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	44118	17.32	ng/ul	0.00
70) Anthracene-d10	17.61	188	608592	24.67	ng/ul	0.00
76) Pyrene-d10	19.89	212	698808	25.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	703121	26.51	ng/ul	0.00

Target Compounds

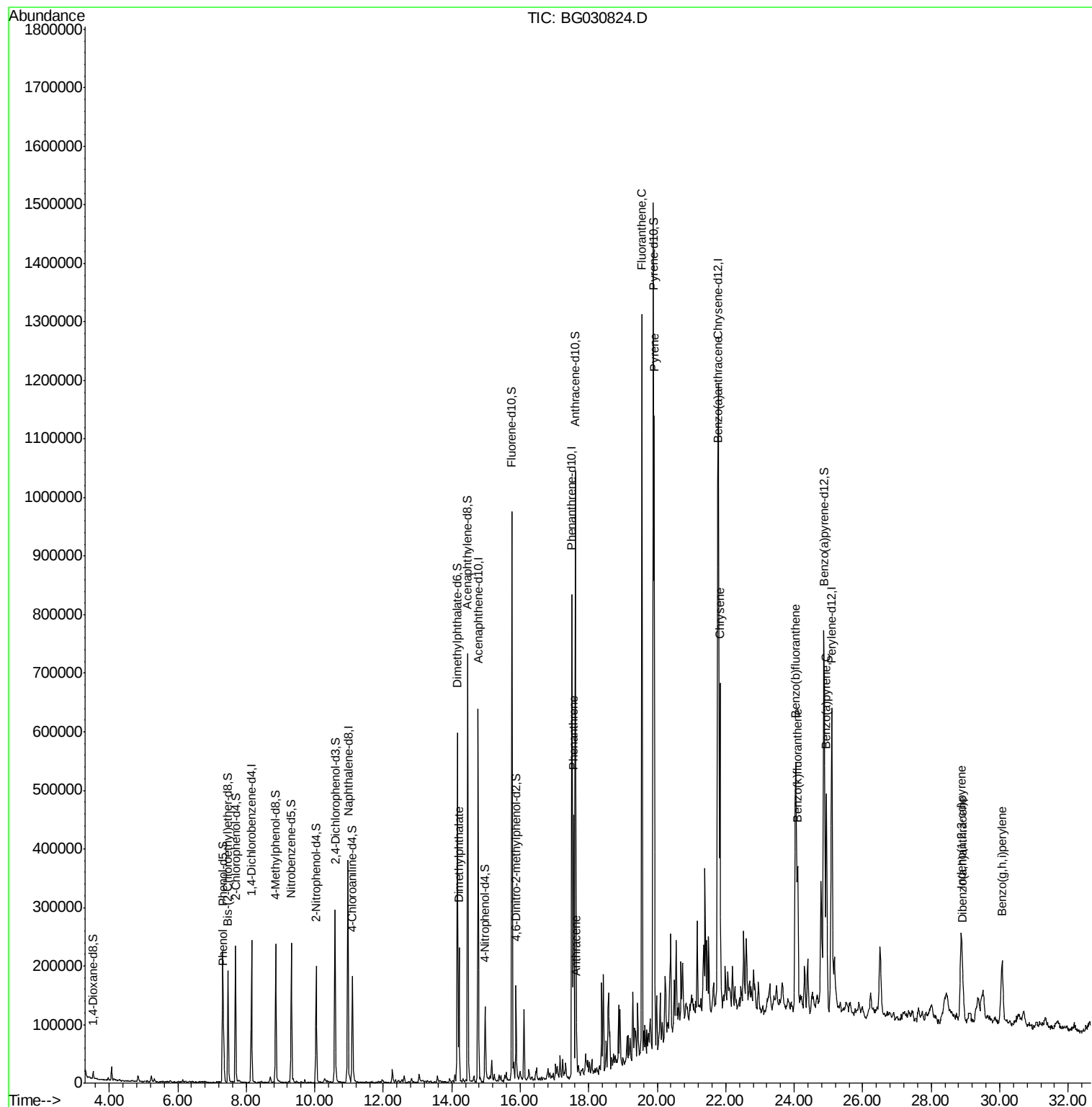
					Ovalue	
6) Phenol	7.34	94	42246	5.994	ng/ul	91
44) Dimethylphthalate	14.21	163	161910	8.651	ng/ul	99
69) Phenanthrene	17.55	178	294794	10.453	ng/ul	98
71) Anthracene	17.64	178	56711	1.949	ng/ul	99
74) Fluoranthene	19.55	202	774605	24.575	ng/ul	98
77) Pyrene	19.92	202	689673	19.106	ng/ul	99
80) Benzo(a)anthracene	21.76	228	456031	13.511	ng/ul	99
82) Chrysene	21.83	228	428211	13.962	ng/ul	98
85) Benzo(b)fluoranthene	24.04	252	571177	16.990	ng/ul	98
86) Benzo(k)fluoranthene	24.10	252	180402	5.550	ng/ul	97
88) Benzo(a)pyrene	24.94	252	397281	12.140	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	269808	7.287	ng/ul	97
90) Dibenzo(a,h)anthracene	28.92	278	74163	2.411	ng/ul#	96
91) Benzo(g,h,i)perylene	30.06	276	223185	7.272	ng/ul	96

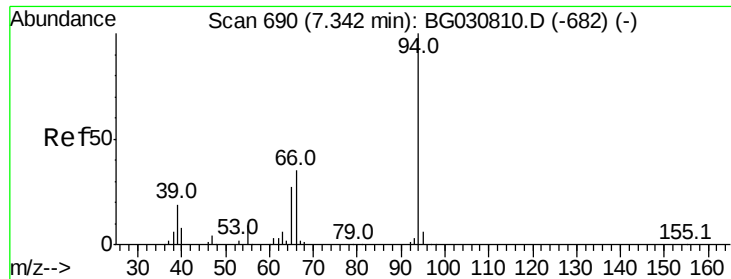
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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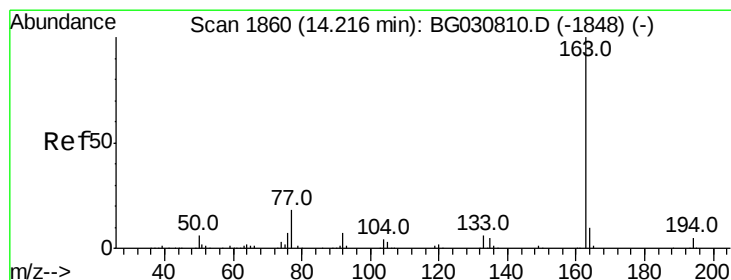
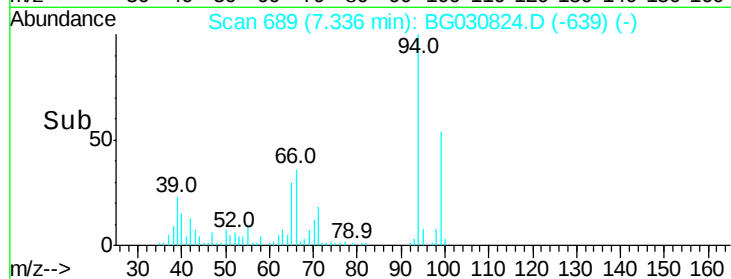
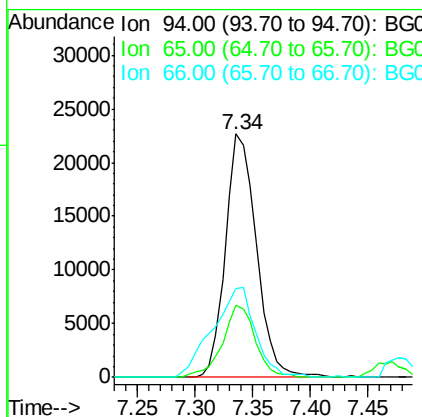
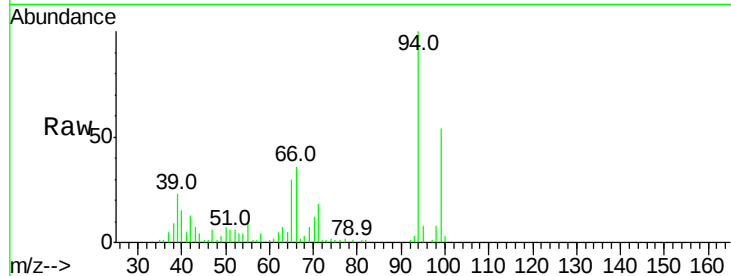
#6

Phenol

Concen: 5.994 ng/ul
 RT: 7.34 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BG030824.D
 Acq: 8 Nov 2017 1:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 94 Resp: 42246
 Ion Ratio Lower Upper
 94 100
 65 29.8 27.1 40.7
 66 36.3 34.6 52.0

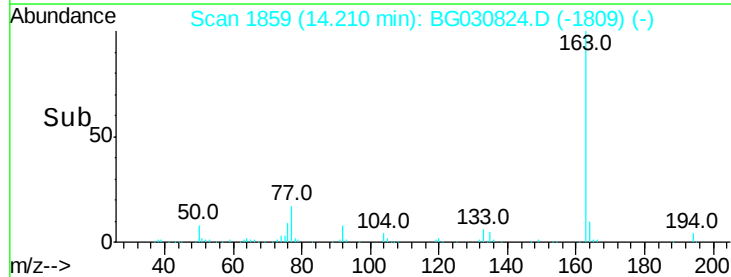
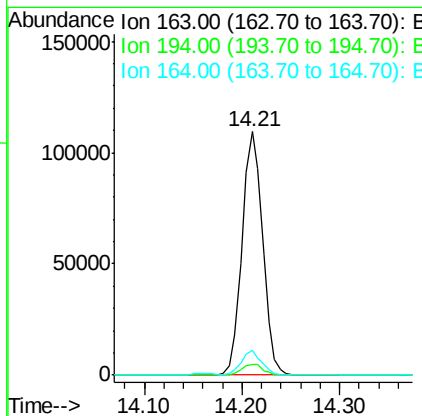
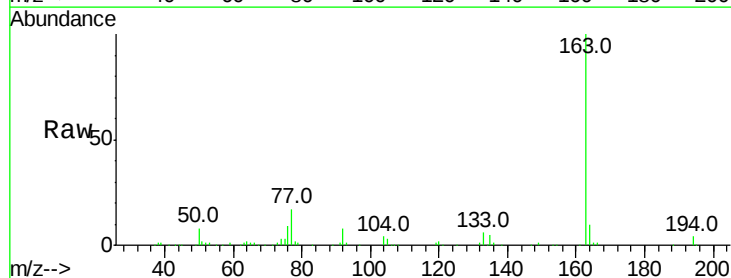


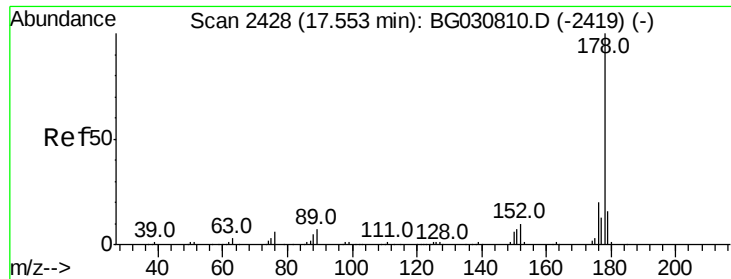
#44

Dimethylphthalate

Concen: 8.651 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG030824.D
 Acq: 8 Nov 2017 1:24

Tgt Ion: 163 Resp: 161910
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.5 5.3
 164 10.2 7.6 11.4





#69

Phenanthrene

Concen: 10.453 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

Instrument :

BNA_G

ClientSampled :

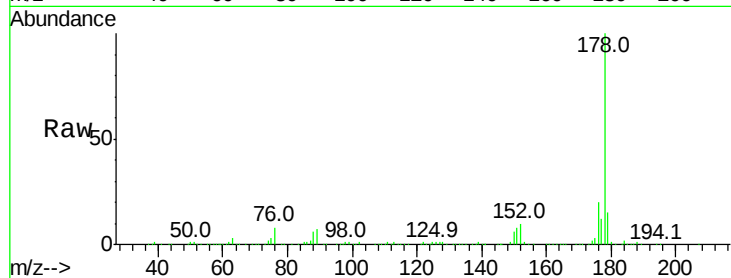
Tot Ion:178 Resp: 294794

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

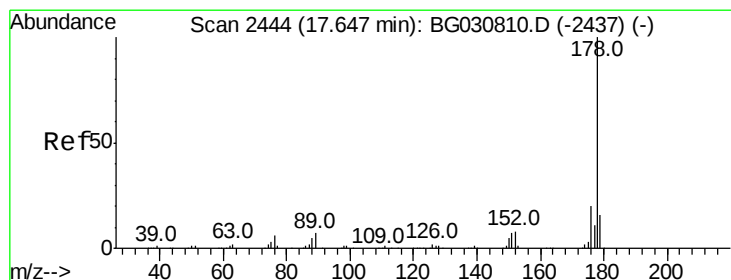
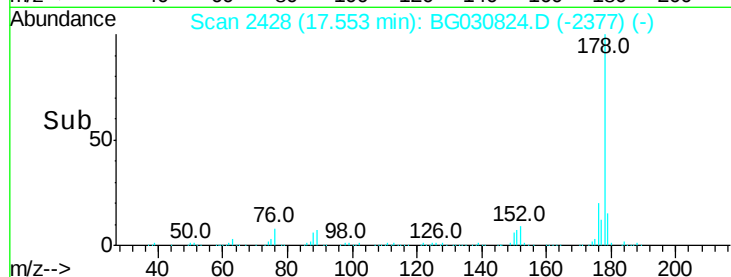
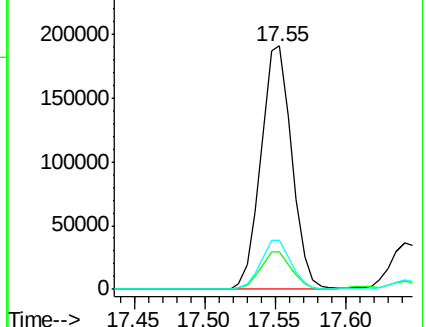
176 20.2 15.3 22.9



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: 1.949 ng/ul

RT: 17.64 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

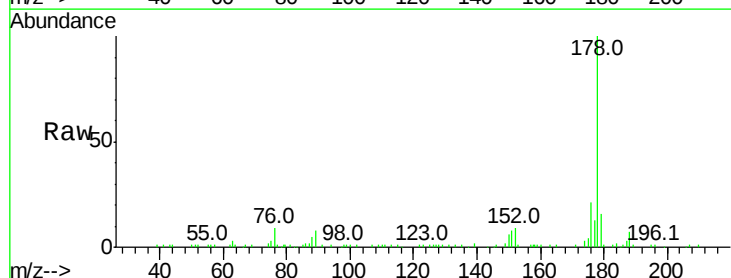
Tgt Ion:178 Resp: 56711

Ion Ratio Lower Upper

178 100

179 16.2 13.2 19.8

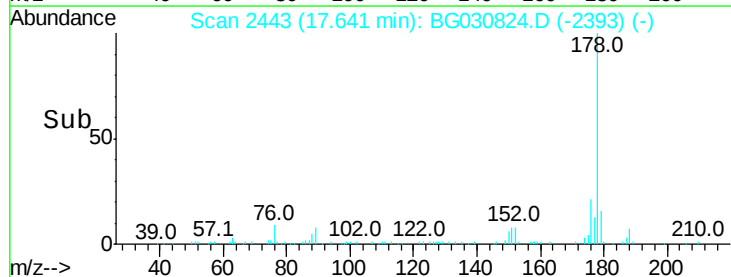
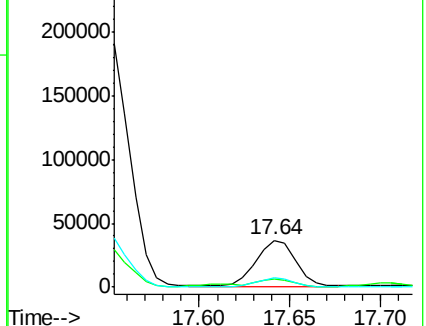
176 20.5 16.0 24.0

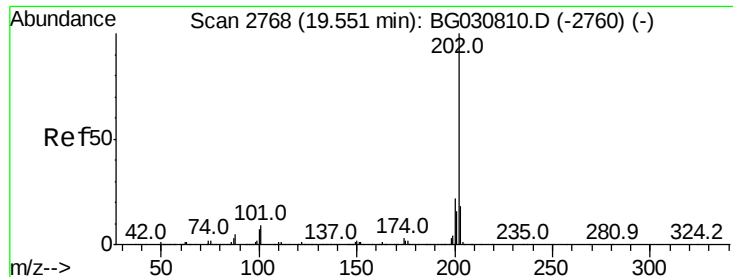


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 24.575 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

Instrument :

BNA_G

ClientSampleId :

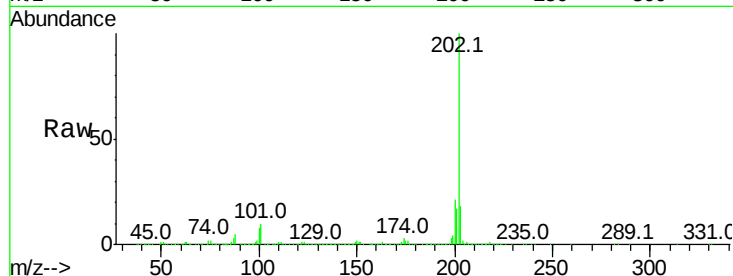
Tot Ion:202 Resp: 774605

Ion Ratio Lower Upper

202 100

101 10.0 7.4 11.2

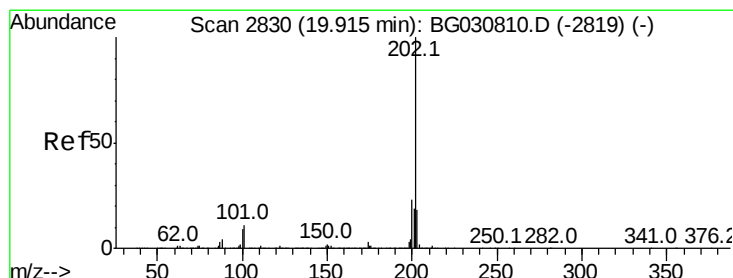
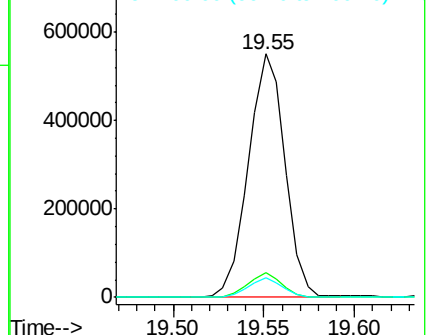
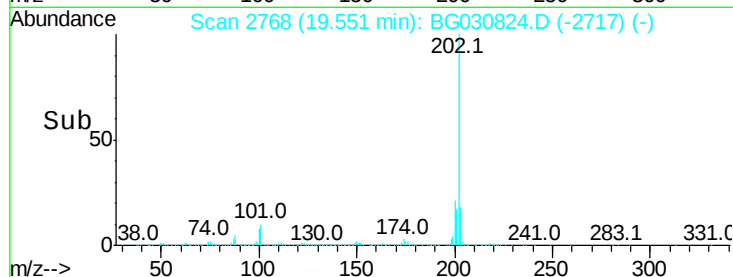
100 7.9 5.6 8.4



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

Pyrene

Concen: 19.106 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

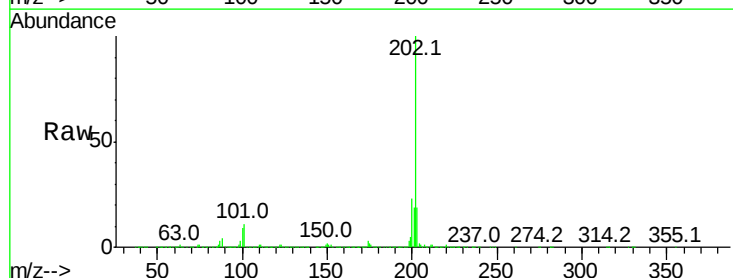
Tgt Ion:202 Resp: 689673

Ion Ratio Lower Upper

202 100

101 11.2 8.4 12.6

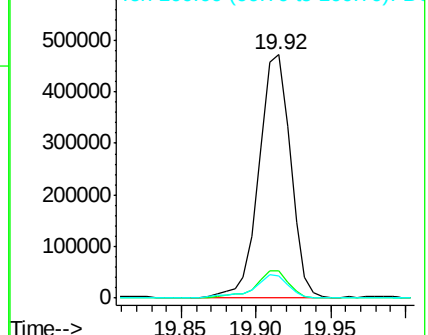
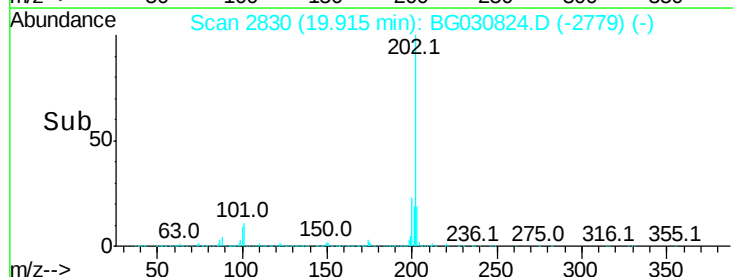
100 9.1 7.0 10.6

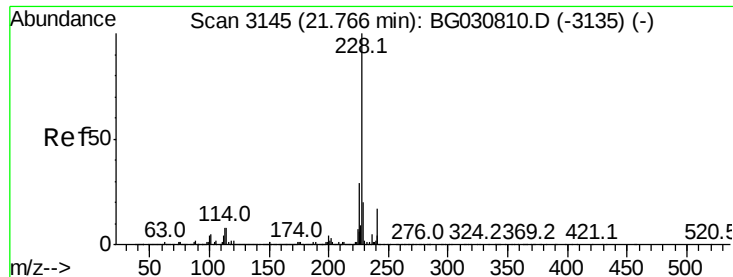


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 13.511 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG030824.D

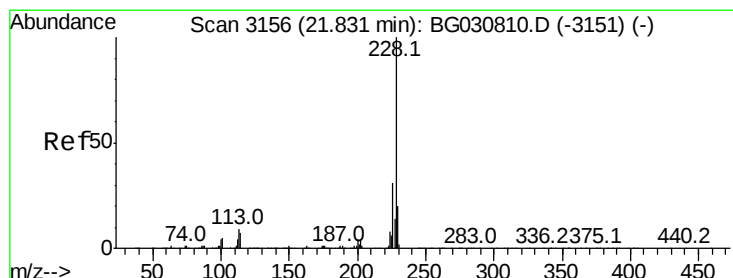
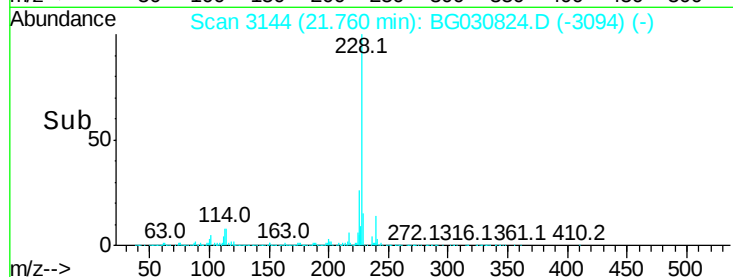
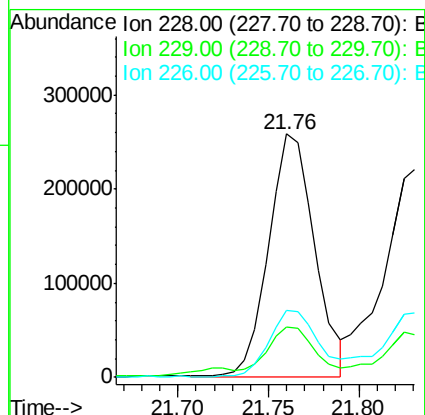
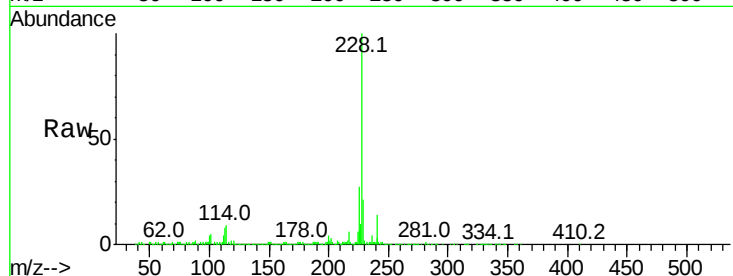
Acq: 8 Nov 2017 1:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	456031
Ion Ratio	Lower	Upper
228	100	
229	20.8	16.2 24.4
226	27.4	22.2 33.2



#82

Chrysene

Concen: 13.962 ng/ul

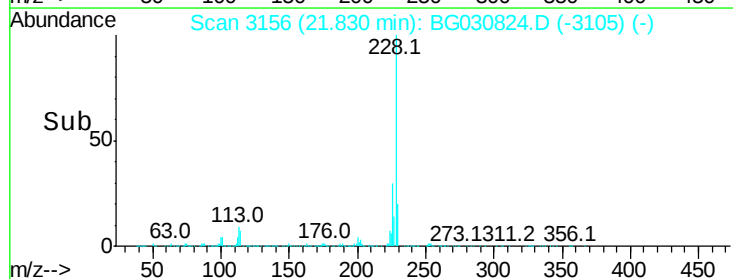
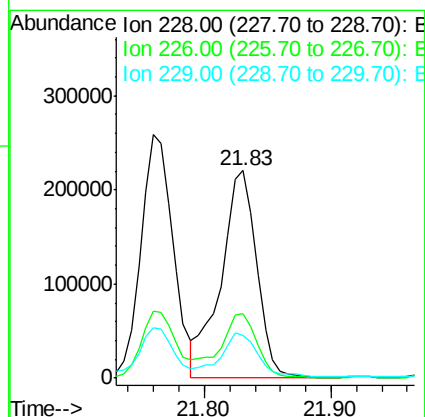
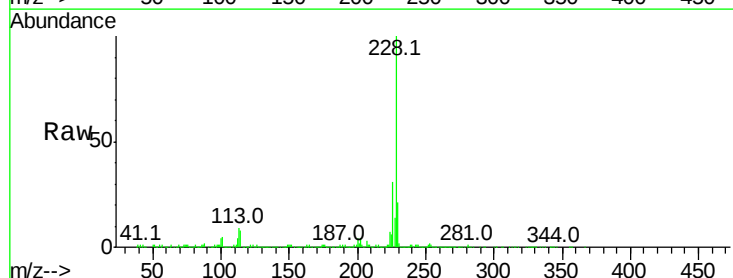
RT: 21.83 min Scan# 3156

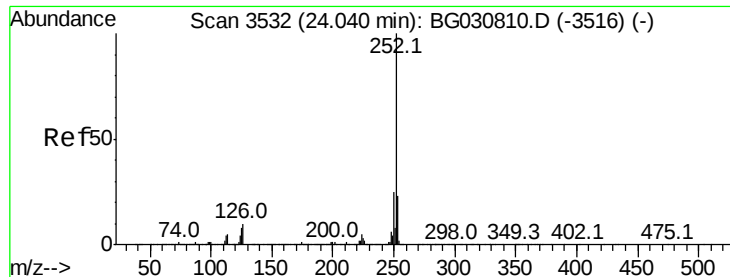
Delta R.T. -0.00 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

Tgt Ion:228	Resp:	428211
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.2 36.2
229	20.9	15.2 22.8





#85

Benzo(b)fluoranthene

Concen: 16.990 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

Instrument :

BNA_G

ClientSampled :

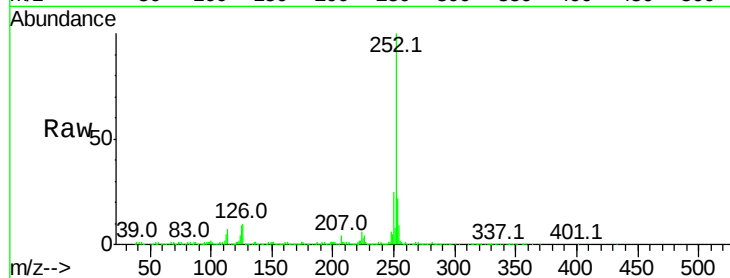
Tot Ion:252 Resp: 571177

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

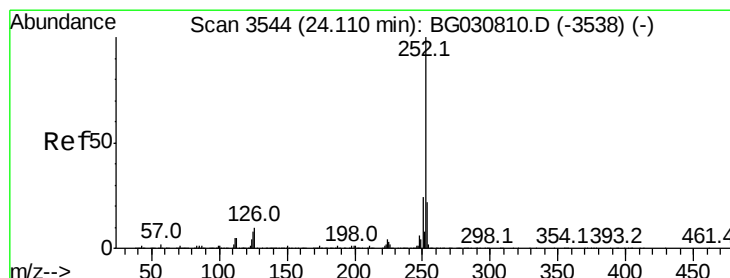
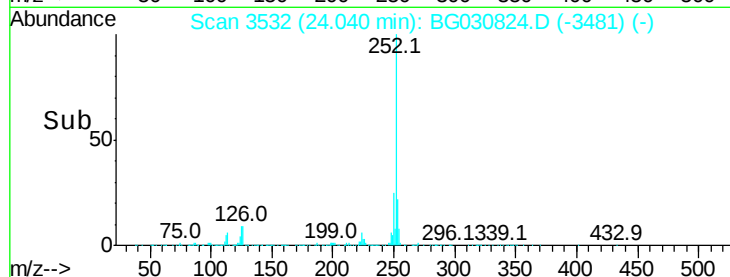
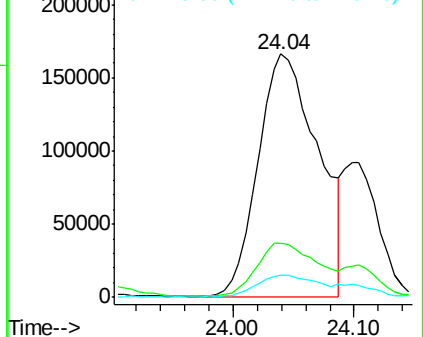
125 9.1 7.5 11.3



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: 5.550 ng/ul

RT: 24.10 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

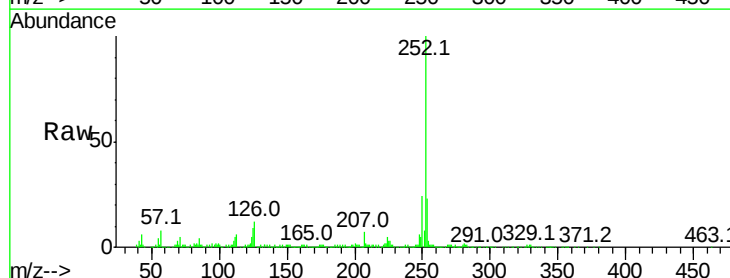
Tgt Ion:252 Resp: 180402

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

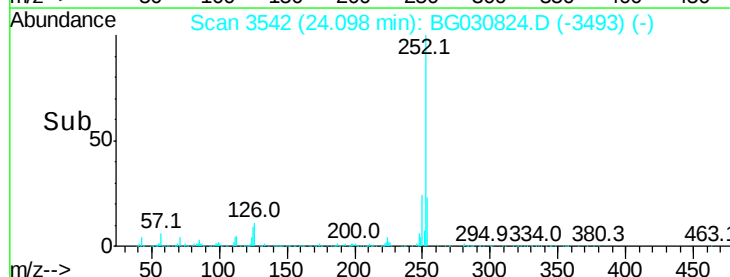
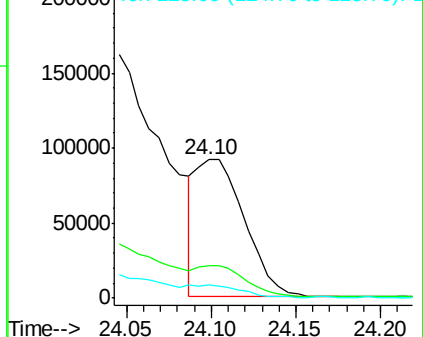
125 9.4 7.8 11.8

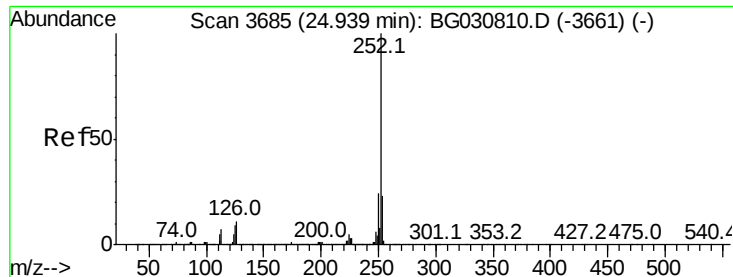


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 12.140 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.00 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

Instrument :

BNA_G

ClientSampleId :

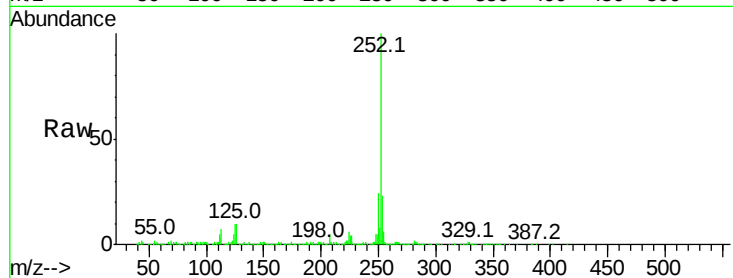
Tot Ion:252 Resp: 397281

Ion Ratio Lower Upper

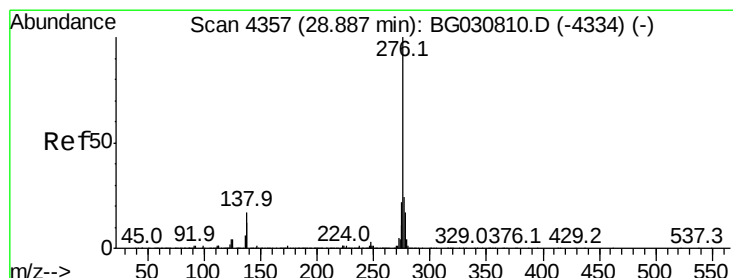
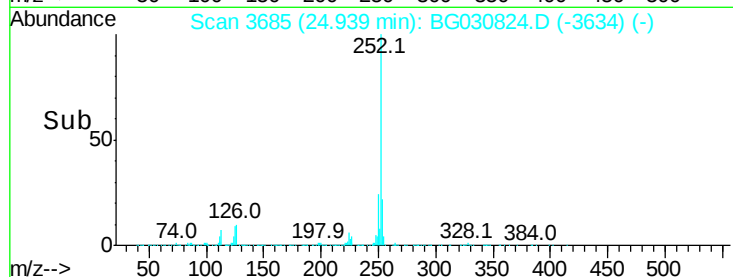
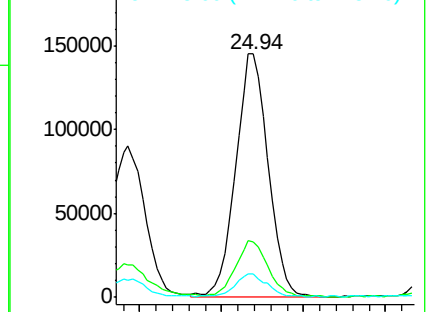
252 100

253 23.0 17.1 25.7

125 9.7 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: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

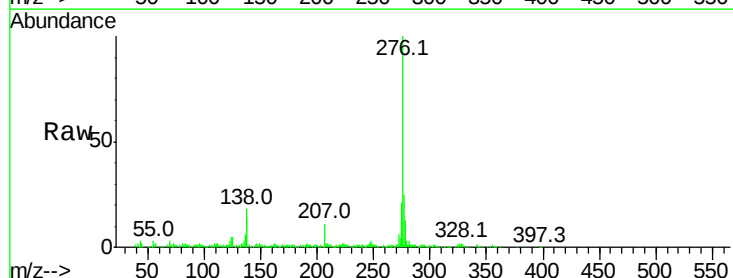
Tgt Ion:276 Resp: 269808

Ion Ratio Lower Upper

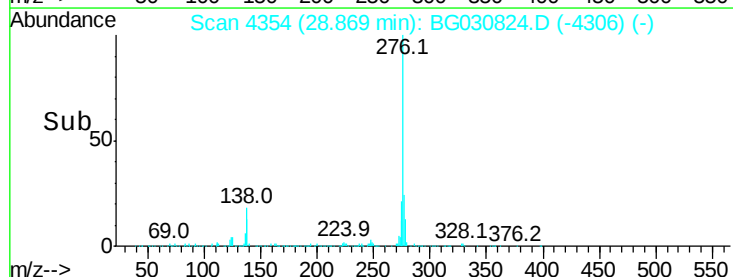
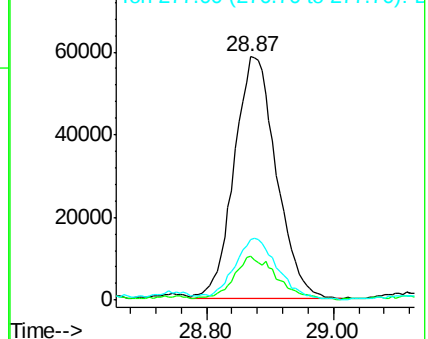
276 100

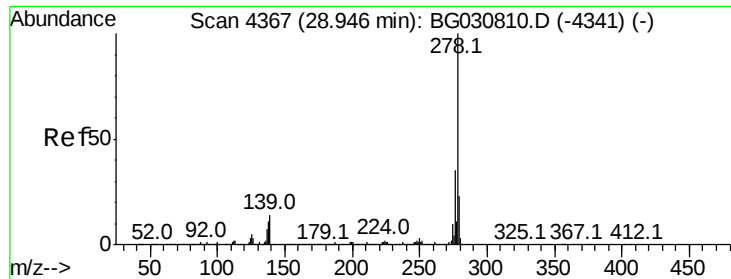
138 18.0 13.4 20.0

277 24.9 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: 2.411 ng/ul

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

Instrument :

BNA_G

ClientSampleId :

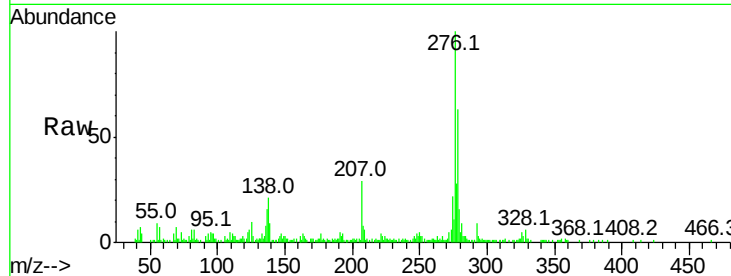
Tot Ion:278 Resp: 74163

Ion Ratio Lower Upper

278 100

139 14.2 9.4 14.2#

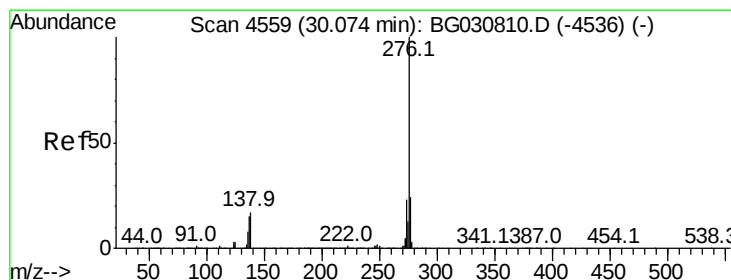
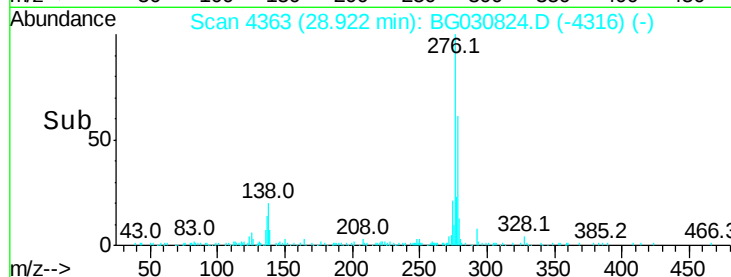
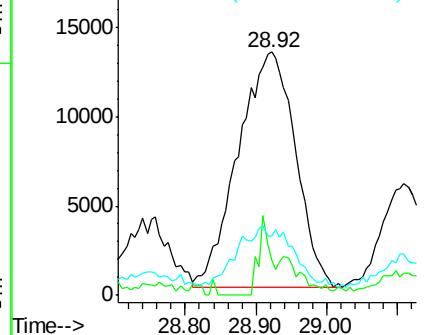
279 24.5 18.4 27.6



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: 7.272 ng/ul

RT: 30.06 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG030824.D

Acq: 8 Nov 2017 1:24

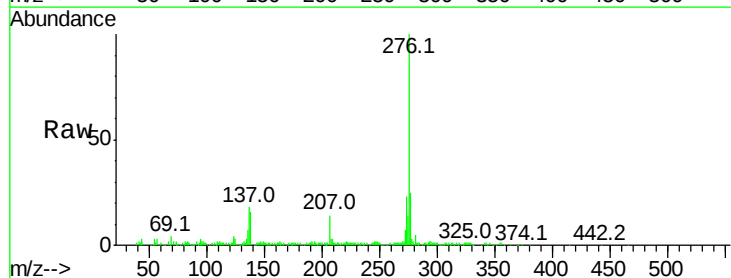
Tgt Ion:276 Resp: 223185

Ion Ratio Lower Upper

276 100

138 15.8 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

