

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092515\
 Data File : BG018924.D
 Acq On : 26 Sep 2015 22:14
 Operator : UM/NP
 Sample : G3798-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G66

Quant Time: Sep 28 04:36:12 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 04:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	56490	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	244616	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	155592	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	378857	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	400555	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	411686	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1211	1.03	ng/uL	0.00
5) Phenol-d5	7.16	99	27704	5.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	16621	6.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	22603	6.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	20668	5.49	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	11672	6.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	11132	5.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	23486	5.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	16875	3.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	78837	6.30	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	59023	3.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	4252	1.77	ng/ul	0.00
58) Fluorene-d10	15.61	176	30831	2.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	1412	0.79	ng/ul	0.00
71) Anthracene-d10	17.45	188	10803	0.65	ng/ul	0.00
79) Pyrene-d10	19.74	212	28640	1.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	10145	0.51	ng/ul	0.00

Target Compounds

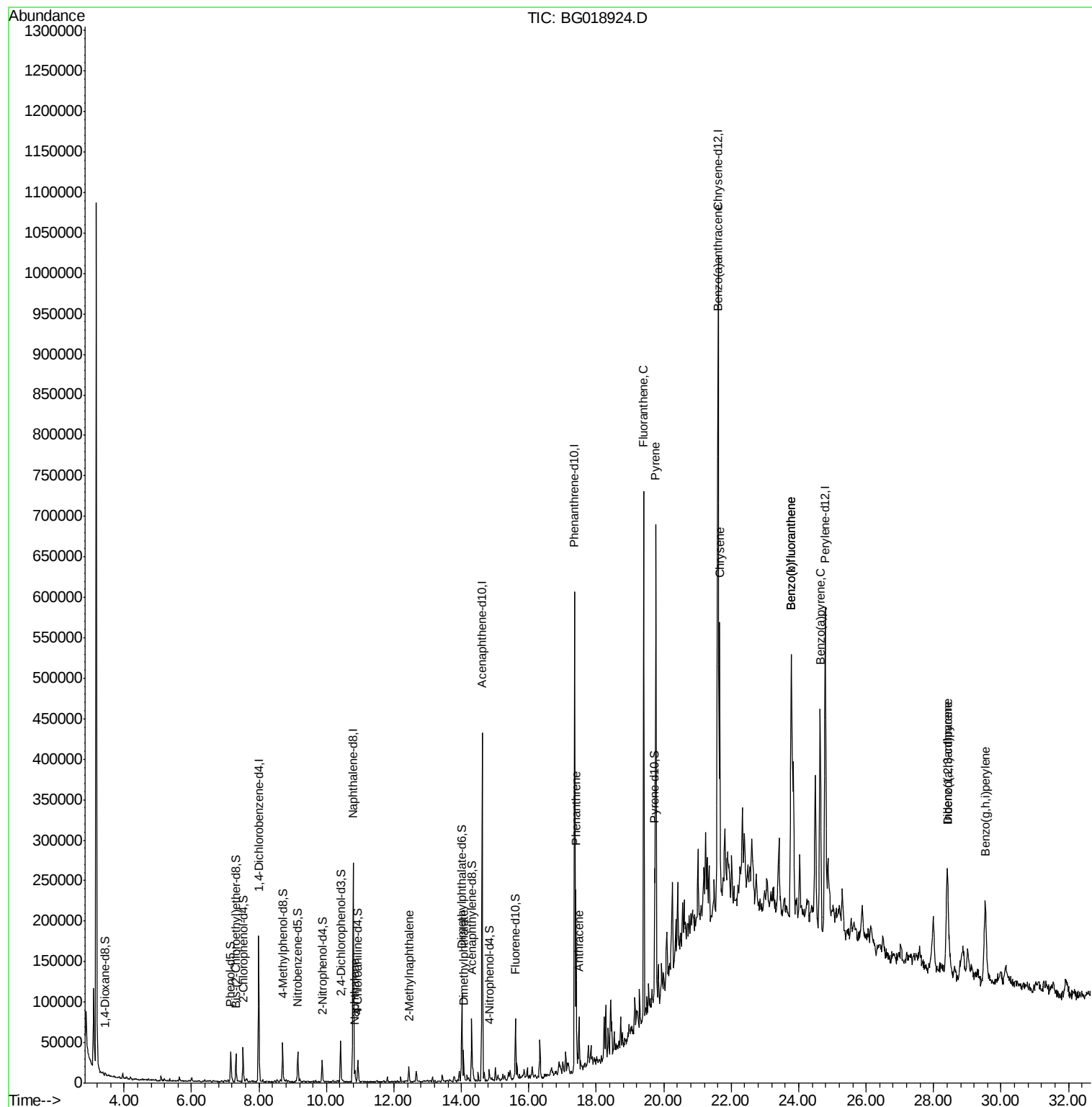
						Ovalue
28) Naphthalene	10.84	128	12769	1.03	ng/ul#	95
34) 2-Methylnaphthalene	12.45	142	9593	1.04	ng/ul#	80
45) Dimethylphthalate	14.06	163	26259	2.16	ng/ul	97
70) Phenanthrene	17.40	178	144953	7.53	ng/ul	98
72) Anthracene	17.49	178	44298	2.29	ng/ul	97
77) Fluoranthene	19.41	202	406051	19.02	ng/ul	96
80) Pyrene	19.76	202	387945	16.47	ng/ul	96
83) Benzo(a)anthracene	21.59	228	272447	12.27	ng/ul	97
85) Chrysene	21.66	228	243374	11.88	ng/ul	95
88) Benzo(b)fluoranthene	23.78	252	402649	17.30	ng/ul	96
89) Benzo(k)fluoranthene	23.78	252	402649	18.06	ng/ul	97
91) Benzo(a)pyrene	24.64	252	292975	13.24	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.41	276	213376	8.32	ng/ul	96
93) Dibenzo(a,h)anthracene	28.42	278	23742	1.15	ng/ul#	75
94) Benzo(g,h,i)perylene	29.53	276	108107	5.05	ng/ul	96

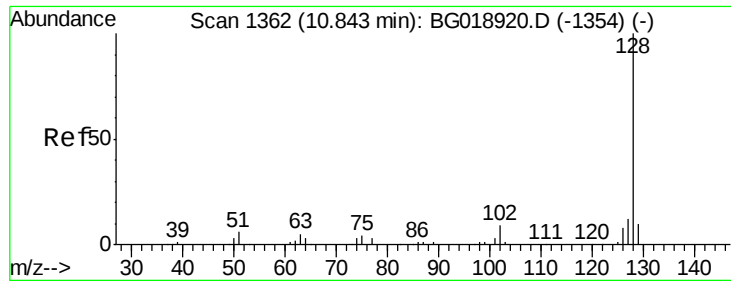
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.03 ng/ul

RT: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

Instrument :

BNA_G

ClientSampleId :

D9G66

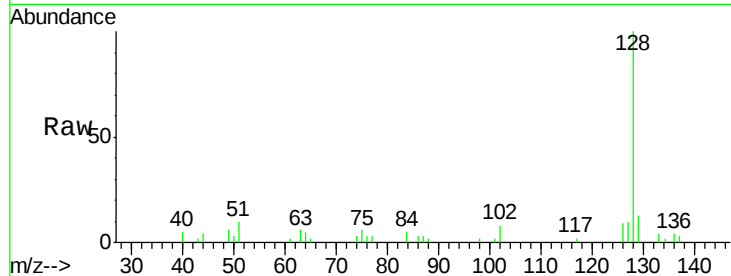
Tot Ion:128 Resp: 12769

Ion Ratio Lower Upper

128 100

129 12.7 9.6 14.4

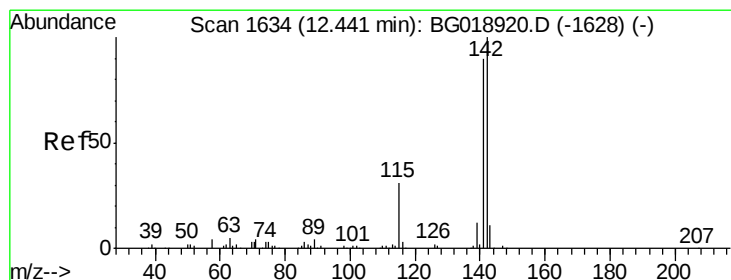
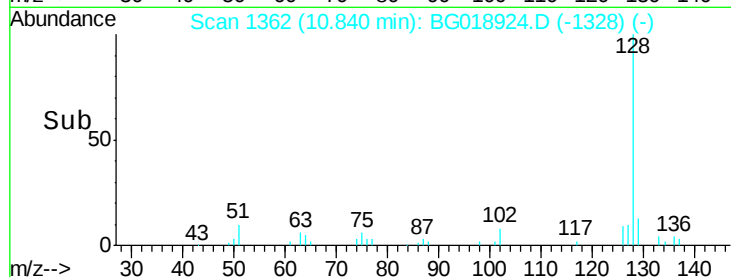
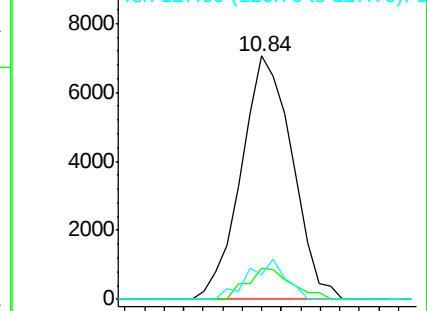
127 10.2 10.5 15.7#



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: 1.04 ng/ul

RT: 12.45 min Scan# 1636

Delta R.T. 0.01 min

Lab File: BG018924.D

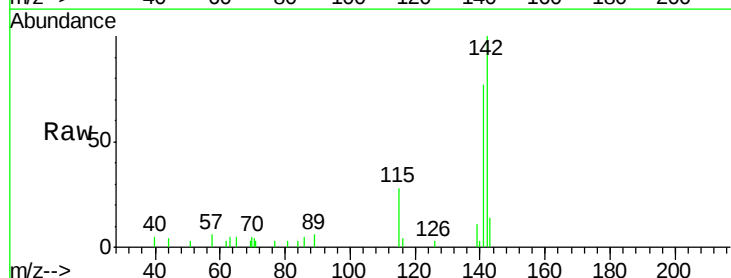
Acq: 26 Sep 2015 22:14

Tgt Ion:142 Resp: 9593

Ion Ratio Lower Upper

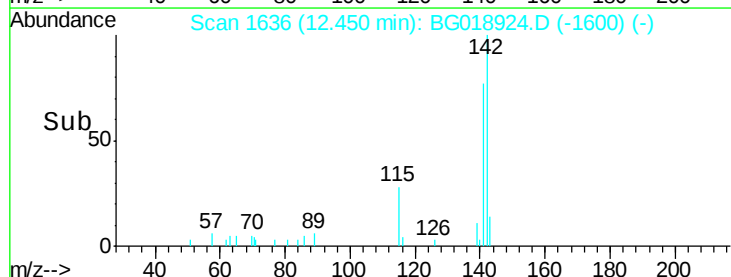
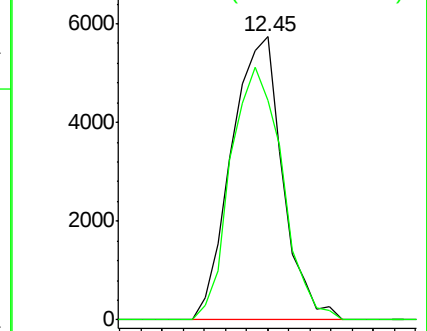
142 100

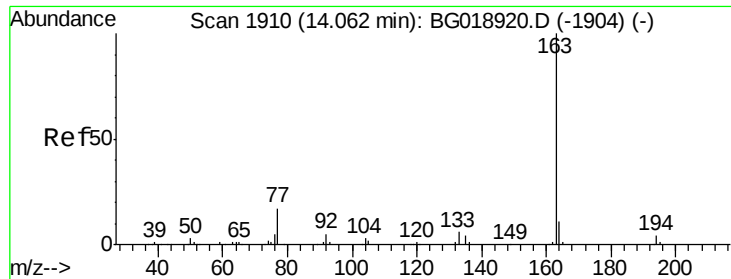
141 77.5 78.0 117.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

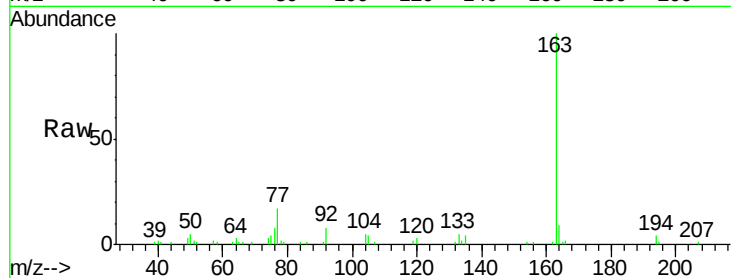




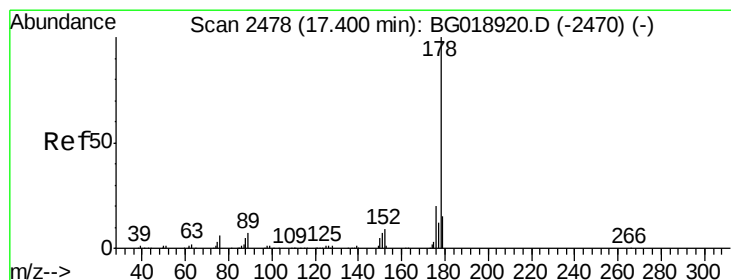
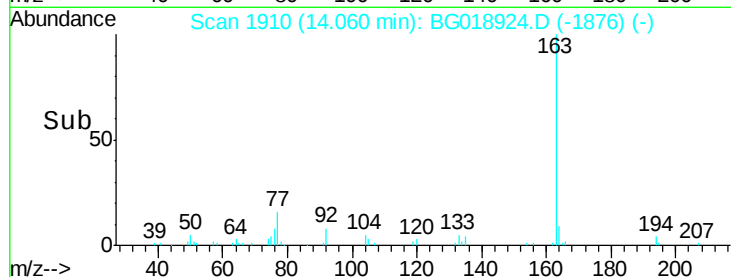
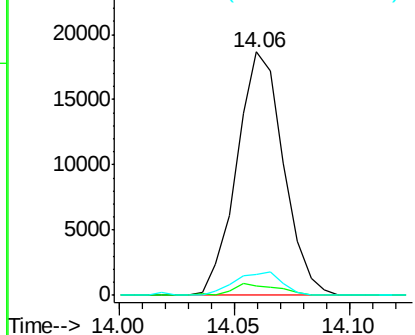
#45
Dimethylphthalate
Concen: 2.16 ng/ul
RT: 14.06 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Instrument :
BNA_G
ClientSampleId :
D9G66

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	8.5	7.7	11.5

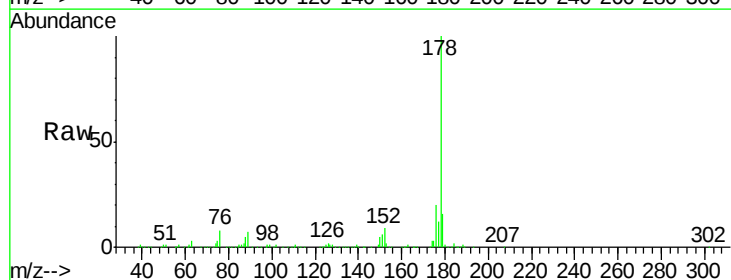


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

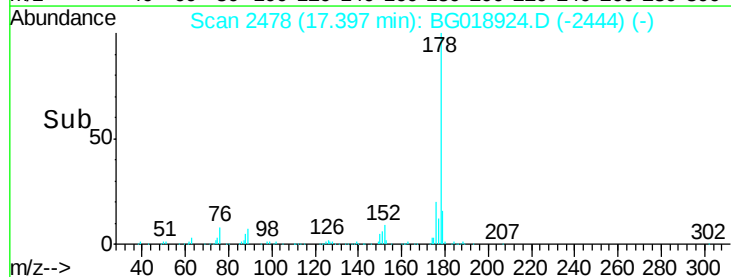
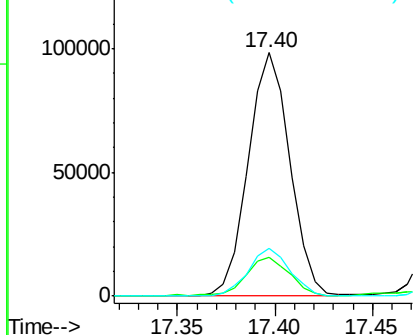


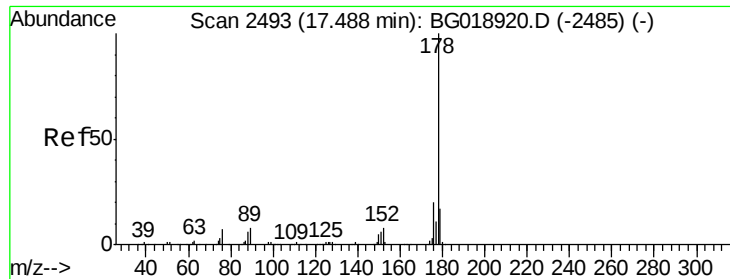
#70
Phenanthrene
Concen: 7.53 ng/ul
RT: 17.40 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.7	20.5
176	19.8	16.6	24.8



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

Anthracene

Concen: 2.29 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

Instrument :

BNA_G

ClientSampleId :

D9G66

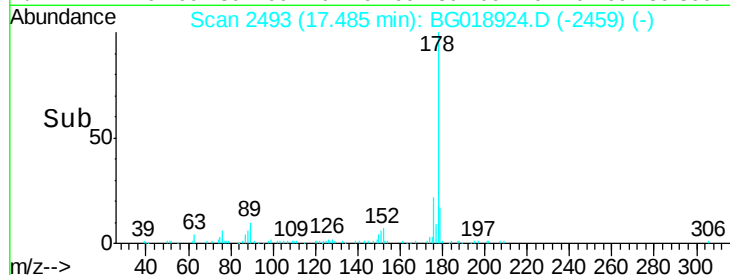
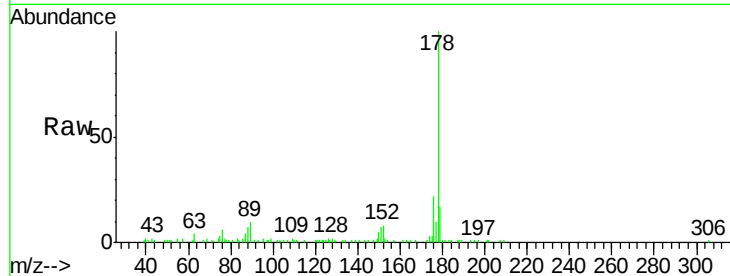
Tot Ion:178 Resp: 44298

Ion Ratio Lower Upper

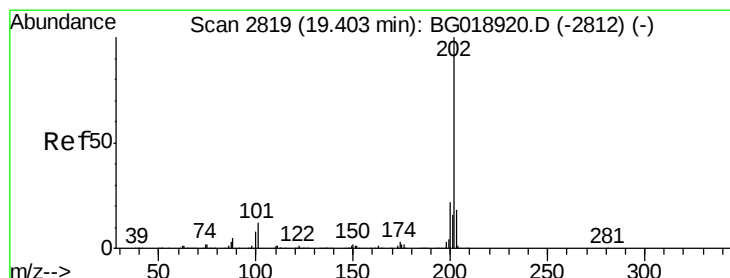
178 100

179 16.7 13.0 19.4

176 22.1 16.0 24.0



Time-->



#77

Fluoranthene

Concen: 19.02 ng/ul

RT: 19.41 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

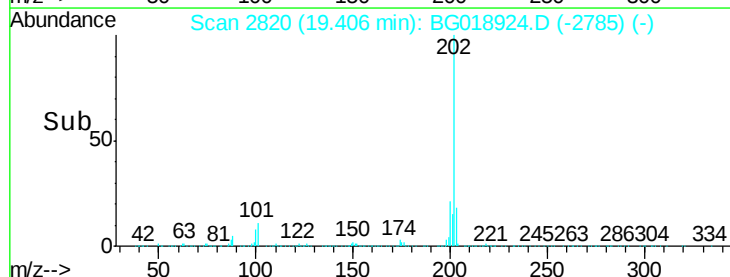
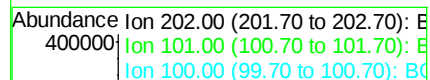
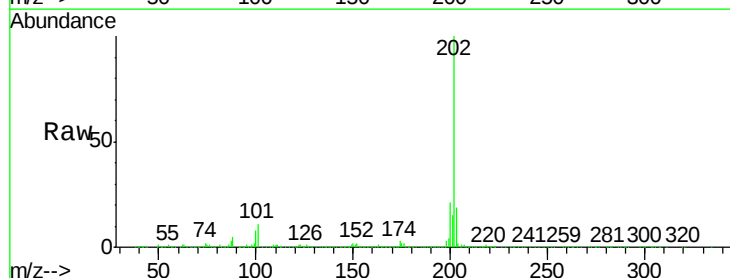
Tgt Ion:202 Resp: 406051

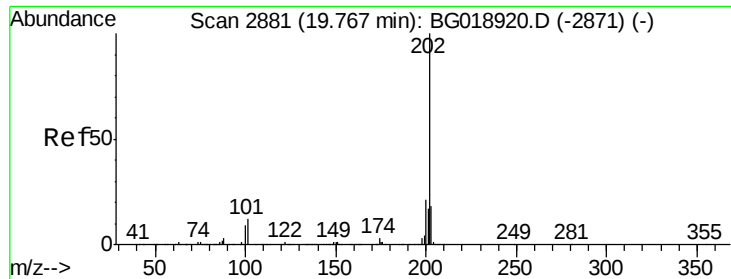
Ion Ratio Lower Upper

202 100

101 11.0 9.7 14.5

100 8.1 7.8 11.8

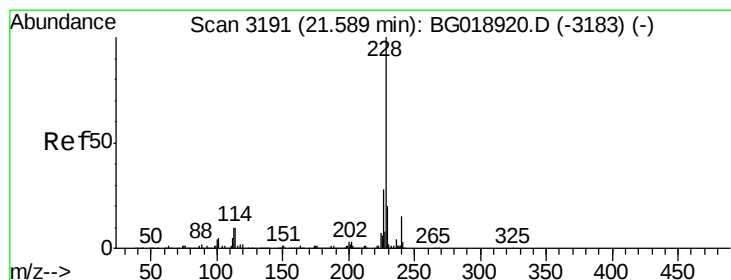
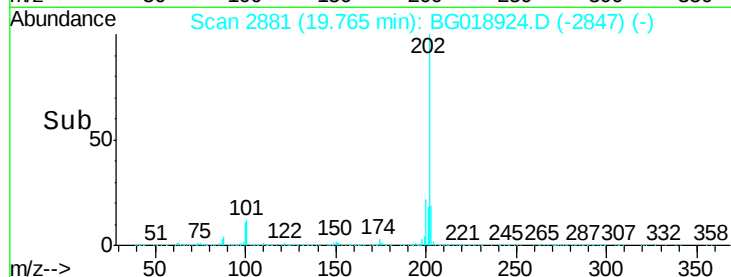
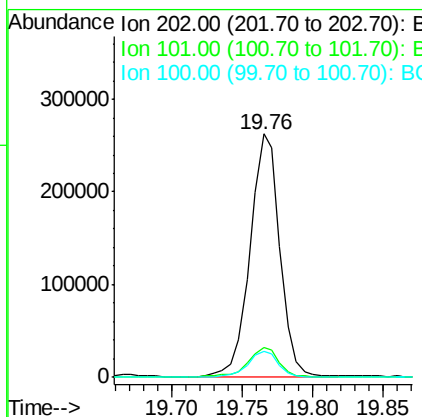
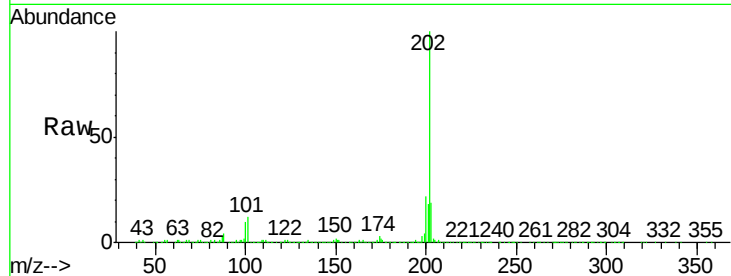




#80
Pvrene
Concen: 16.47 ng/ul
RT: 19.76 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

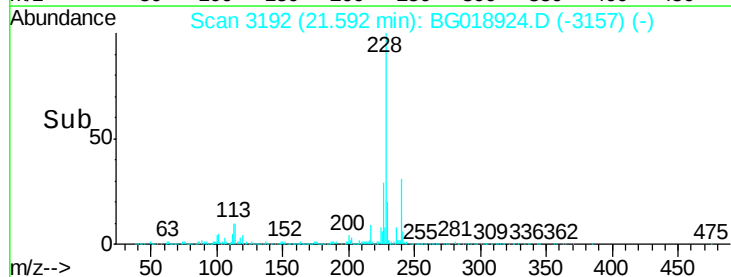
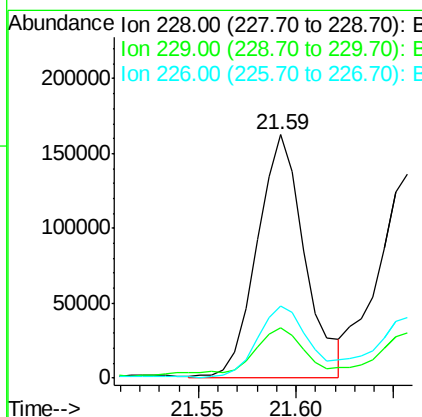
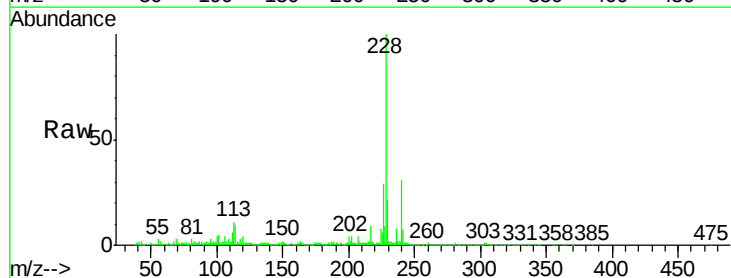
Instrument :
BNA_G
ClientSampleId :
D9G66

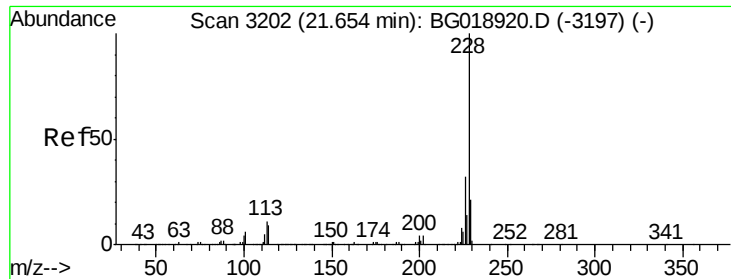
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.4
100	10.5	9.8	14.6



#83
Benzo(a)anthracene
Concen: 12.27 ng/ul
RT: 21.59 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BG018924.D
Acq: 26 Sep 2015 22:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	29.4	22.1	33.1

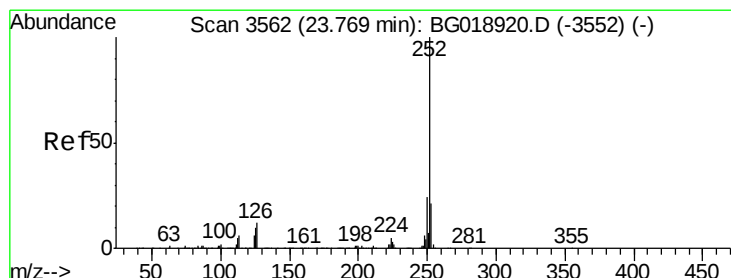
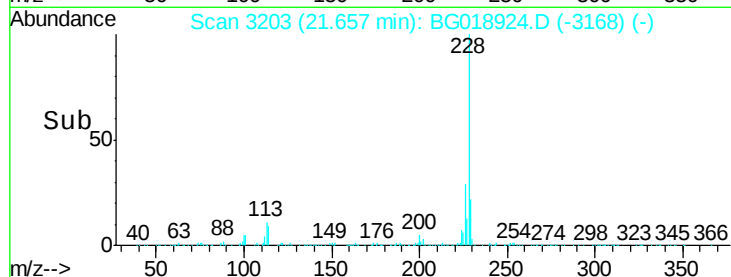
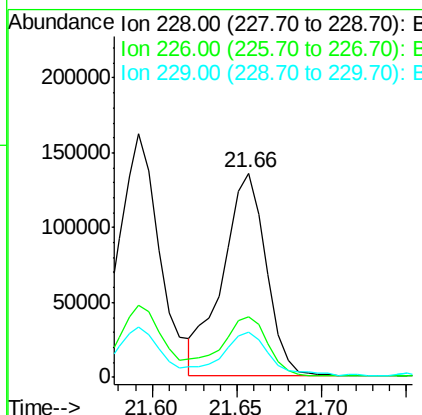
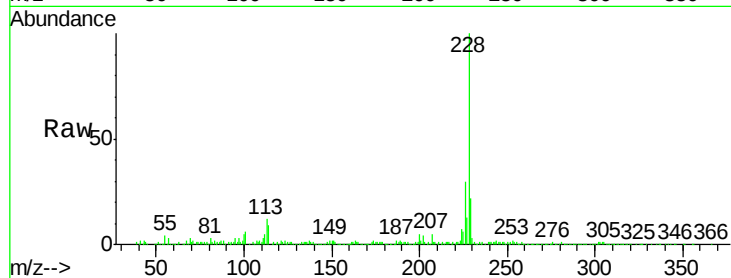




#85
 Chrysene
 Concen: 11.88 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG018924.D
 Acq: 26 Sep 2015 22:14

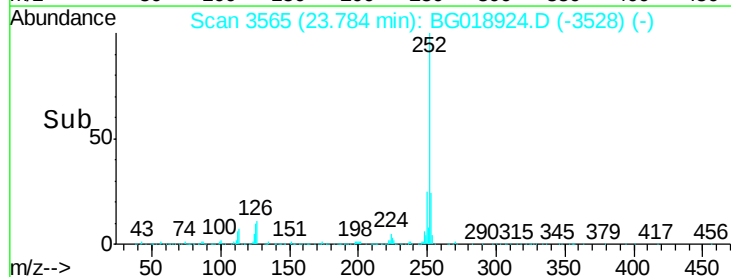
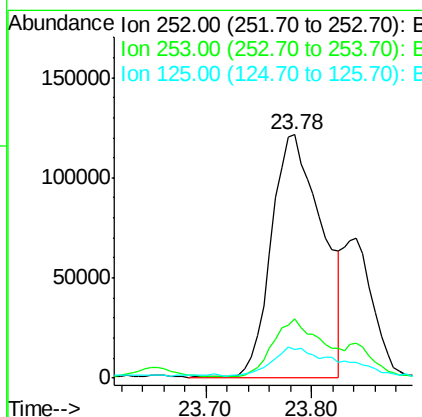
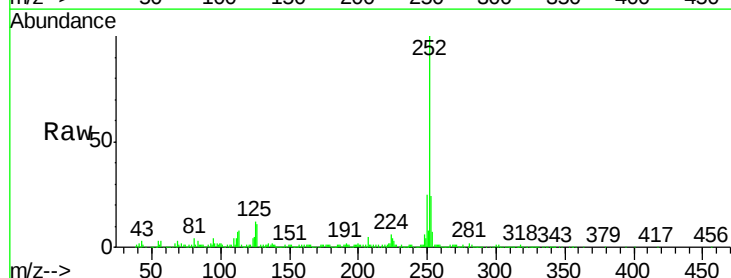
Instrument :
 BNA_G
 ClientSampleId :
 D9G66

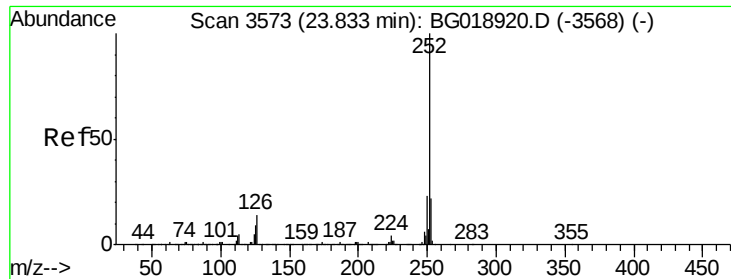
Tot Ion:228 Resp: 243374
 Ion Ratio Lower Upper
 228 100
 226 29.8 26.5 39.7
 229 22.4 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 17.30 ng/ul
 RT: 23.78 min Scan# 3565
 Delta R.T. 0.01 min
 Lab File: BG018924.D
 Acq: 26 Sep 2015 22:14

Tgt Ion:252 Resp: 402649
 Ion Ratio Lower Upper
 252 100
 253 24.4 18.1 27.1
 125 11.7 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 18.06 ng/ul

RT: 23.78 min Scan# 3565

Delta R.T. -0.05 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

Instrument :

BNA_G

ClientSampleId :

D9G66

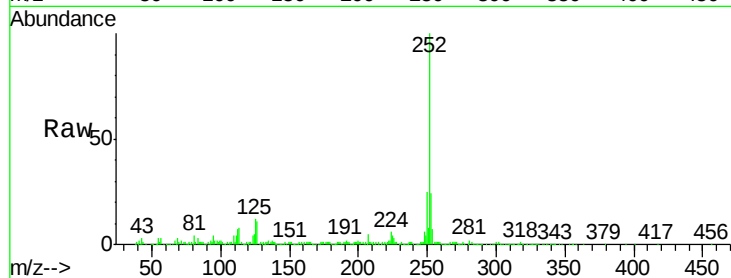
Tot Ion:252 Resp: 402649

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.6

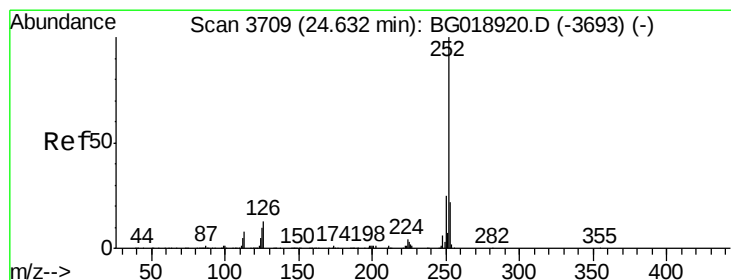
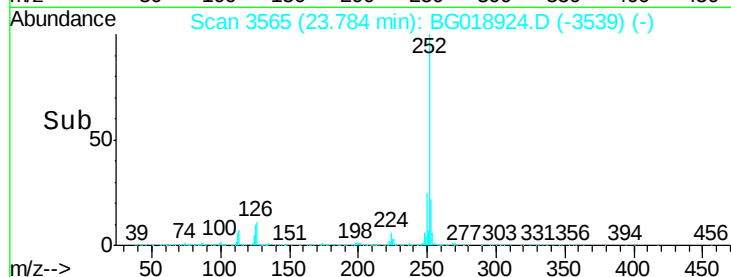
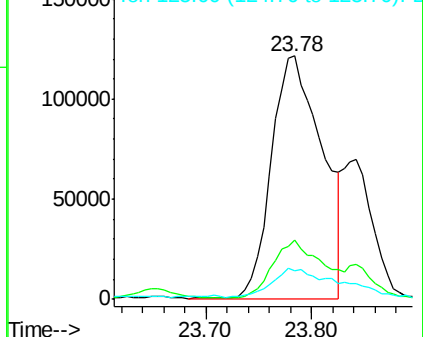
125 11.7 9.0 13.4



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: 13.24 ng/ul

RT: 24.64 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

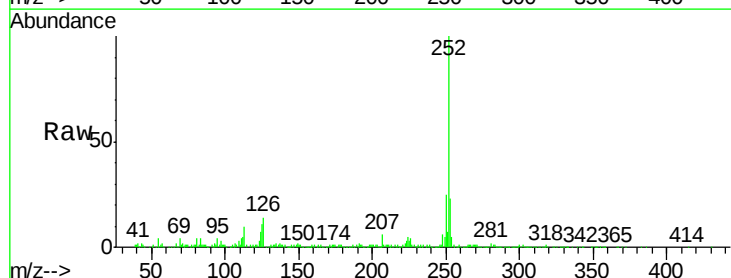
Tgt Ion:252 Resp: 292975

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

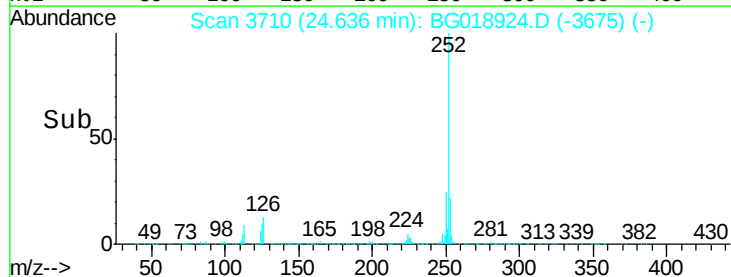
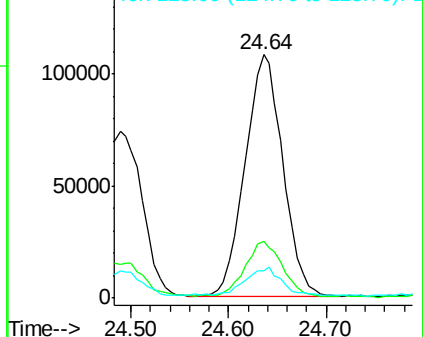
125 11.3 10.2 15.2

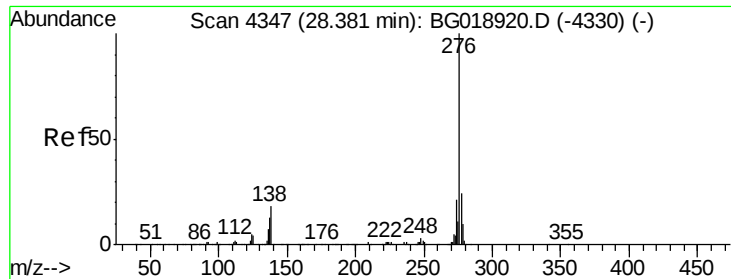


Abundance Ion 252.00 (251.70 to 252.70): E

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: 8.32 ng/ul

RT: 28.41 min Scan# 4352

Delta R.T. 0.03 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

Instrument :

BNA_G

ClientSampleId :

D9G66

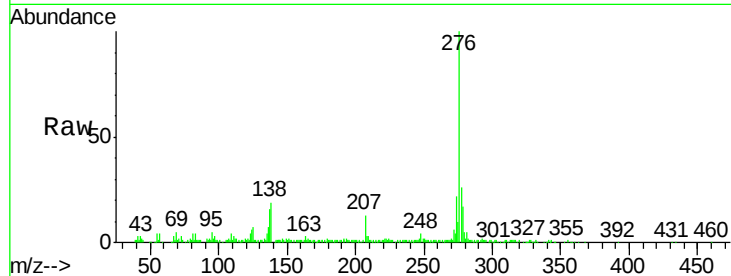
Tot Ion:276 Resp: 213376

Ion Ratio Lower Upper

276 100

138 19.0 15.8 23.6

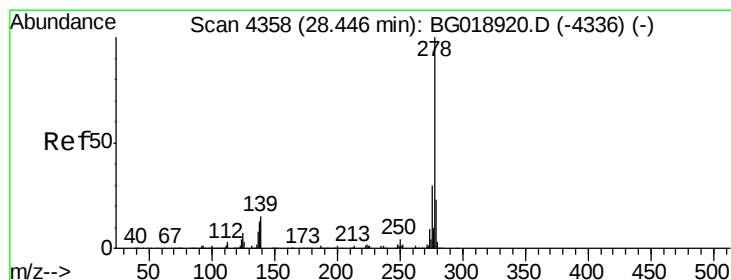
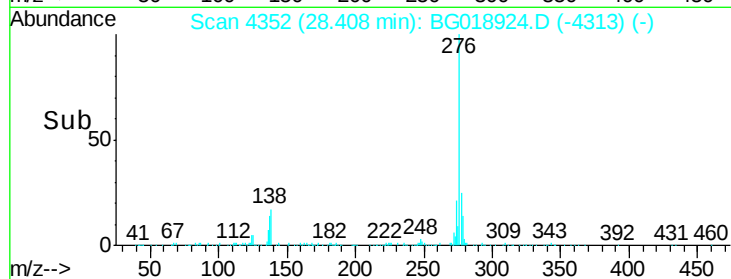
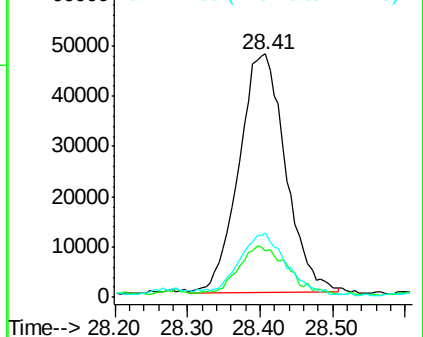
277 26.2 18.9 28.3



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



#93

Dibenzo(a,h)anthracene

Concen: 1.15 ng/ul

RT: 28.42 min Scan# 4354

Delta R.T. -0.03 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

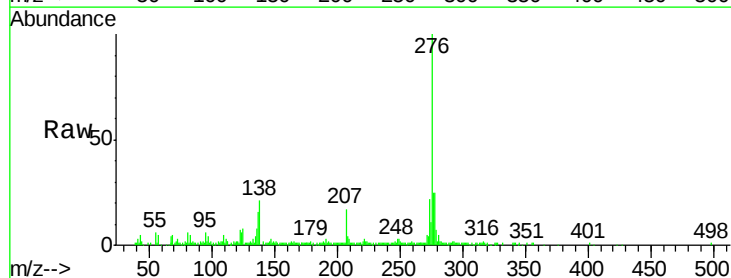
Tgt Ion:278 Resp: 23742

Ion Ratio Lower Upper

278 100

139 0.0 13.8 20.6#

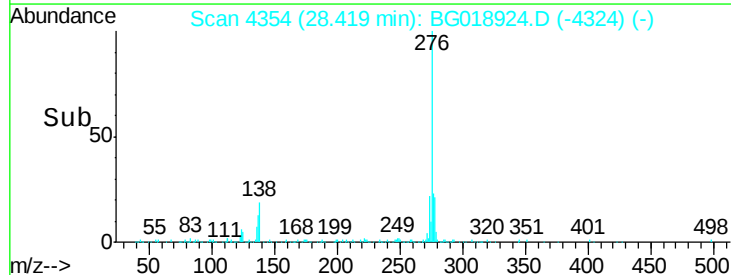
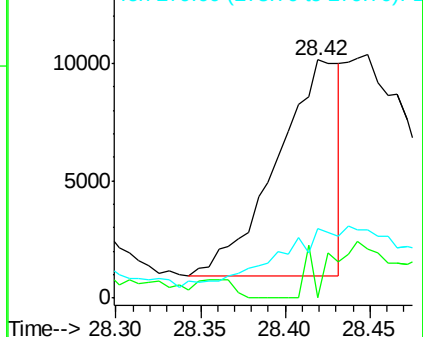
279 29.1 17.8 26.8#

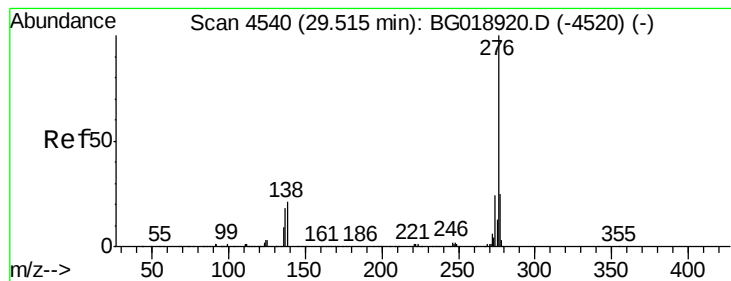


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 5.05 ng/ul

RT: 29.53 min Scan# 4543

Delta R.T. 0.01 min

Lab File: BG018924.D

Acq: 26 Sep 2015 22:14

Instrument :

BNA_G

ClientSampleId :

D9G66

Tot Ion:276 Resp: 108107

Ion Ratio Lower Upper

276 100

138 19.3 16.5 24.7

277 25.9 19.0 28.6

