

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
 Data File : BG021823.D
 Acq On : 10 May 2016 19:22
 Operator : UM/SJ
 Sample : H2938-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB1

Quant Time: May 11 03:32:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	76204	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	391994	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	229180	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	469433	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	453878	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	448177	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7906	5.01	ng/uL	0.00
5) Phenol-d5	7.33	99	150289	26.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	76983	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	139401	31.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	83788	17.64	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	73922	28.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	72503	44.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.81	165	393	0.09	ng/ul	0.20
29) 4-Chloroaniline-d4	11.14	131	122180	24.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	463018	28.76	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	625890	27.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	53194	19.28	ng/ul	0.00
58) Fluorene-d10	15.79	176	429134	25.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	45850	35.26	ng/ul	0.00
71) Anthracene-d10	17.64	188	578327	25.31	ng/ul	0.00
77) Pyrene-d10	19.92	212	612019	28.81	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	569767	26.76	ng/ul	0.00

Target Compounds

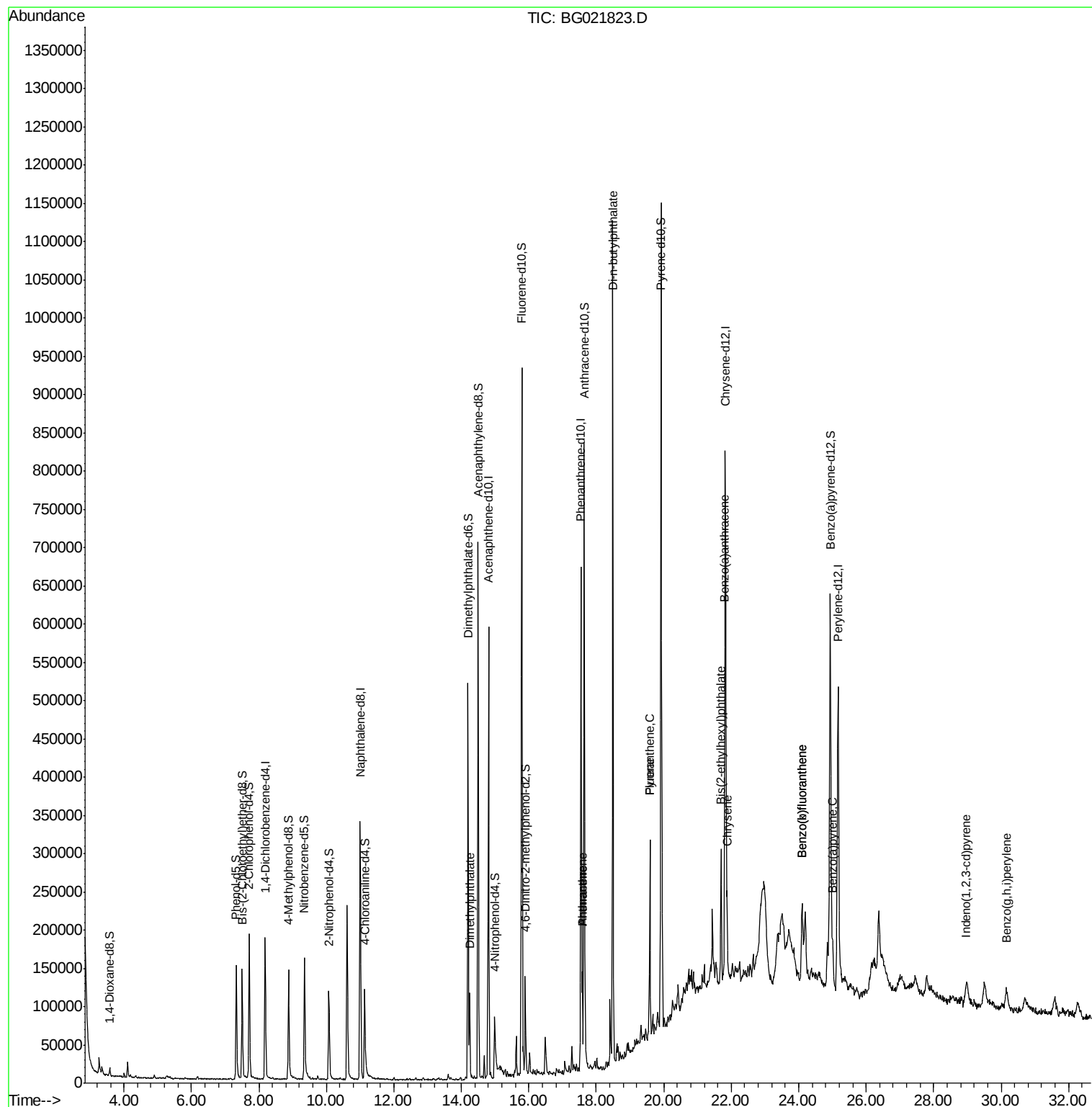
						Qvalue
45) Dimethylphthalate	14.24	163	92046	5.61	ng/ul	99
70) Phenanthrene	17.59	178	88350	3.44	ng/ul	99
72) Anthracene	17.59	178	88350	3.39	ng/ul	96
74) Di-n-butylphthalate	18.49	149	1000396	48.71	ng/ul#	95
75) Fluoranthene	19.59	202	181208	6.21	ng/ul#	94
78) Pyrene	19.59	202	181208	6.90	ng/ul	97
81) Benzo(a)anthracene	21.81	228	76594	3.03	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	97636	10.30	ng/ul	95
83) Chrysene	21.88	228	83636	3.35	ng/ul	99
86) Benzo(b)fluoranthene	24.10	252	143131	5.58	ng/ul#	96
87) Benzo(k)fluoranthene	24.10	252	143131	5.21	ng/ul#	96
89) Benzo(a)pyrene	25.00	252	70075	2.74	ng/ul#	86
90) Indeno(1,2,3-cd)pyrene	28.97	276	59038	1.95	ng/ul#	90
92) Benzo(g,h,i)perylene	30.16	276	46435	1.86	ng/ul#	83

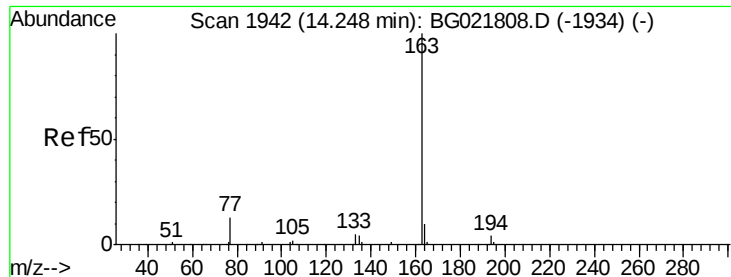
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
Data File : BG021823.D
Acq On : 10 May 2016 19:22
Operator : UM/SJ
Sample : H2938-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB1

Quant Time: May 11 03:32:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration

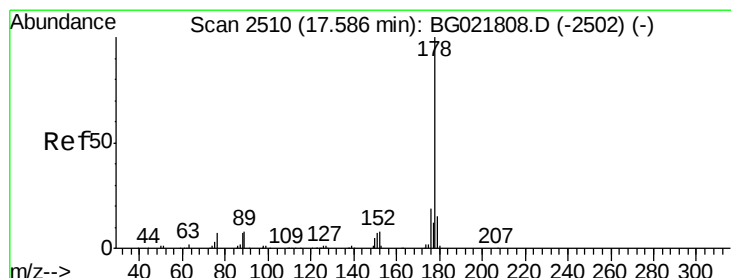
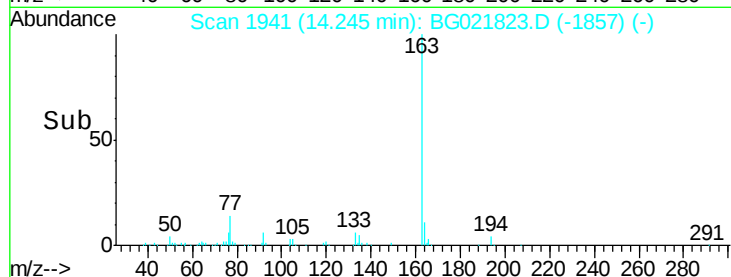
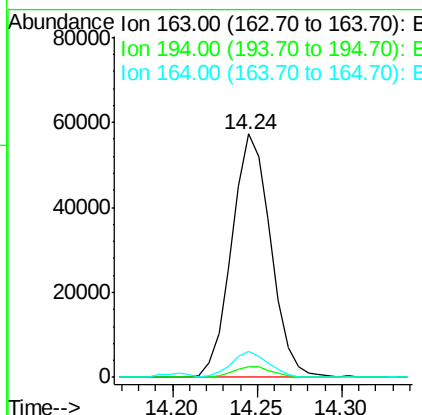
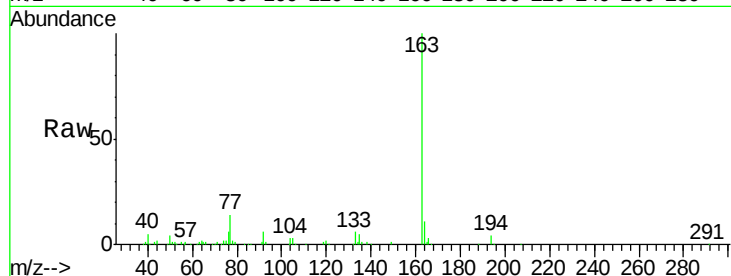




#45
Dimethylphthalate
Concen: 5.61 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG021823.D
Acq: 10 May 2016 19:22

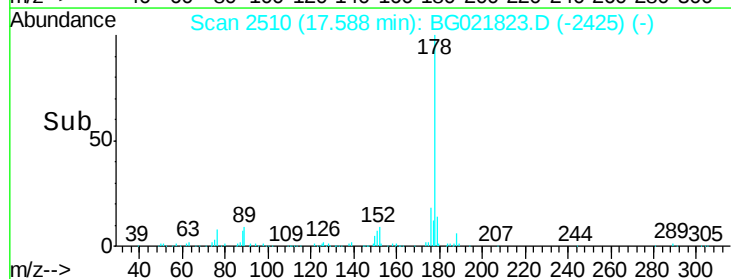
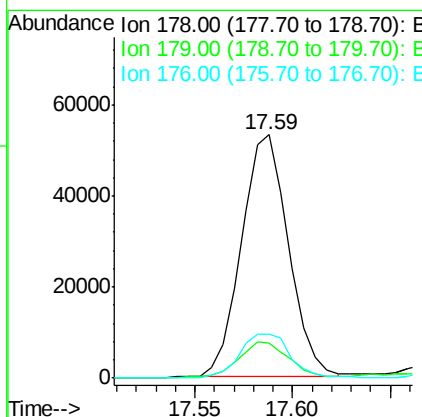
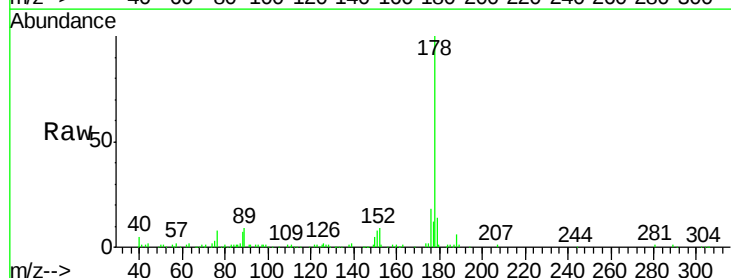
Instrument :
BNA_G
ClientSampleId :
D9XB1

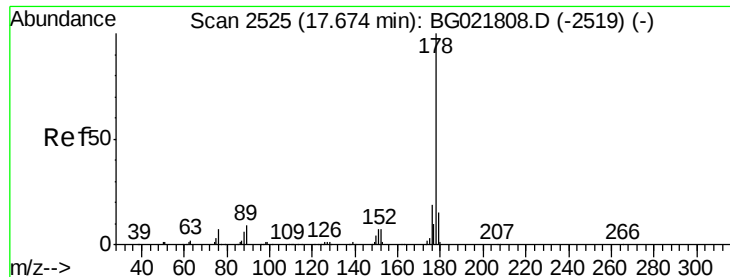
Tgt Ion:163 Resp: 92046
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 10.8 8.7 13.1



#70
Phenanthrene
Concen: 3.44 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG021823.D
Acq: 10 May 2016 19:22

Tgt Ion:178 Resp: 88350
Ion Ratio Lower Upper
178 100
179 14.2 11.8 17.8
176 18.3 14.8 22.2





#72

Anthracene

Concen: 3.39 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.09 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

ClientSampleId :

D9XB1

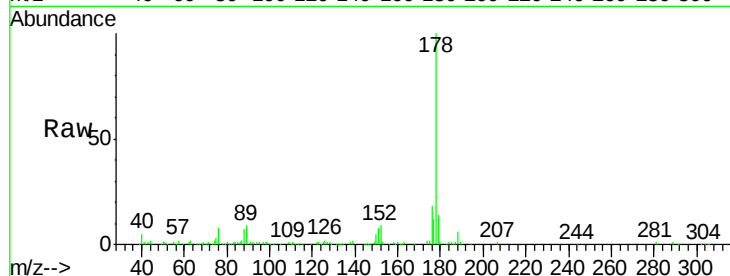
Tgt Ion:178 Resp: 88350

Ion Ratio Lower Upper

178 100

179 14.2 12.9 19.3

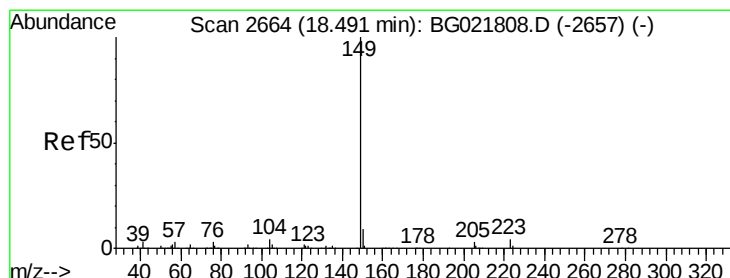
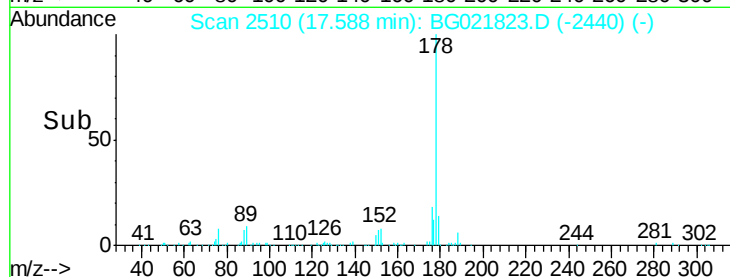
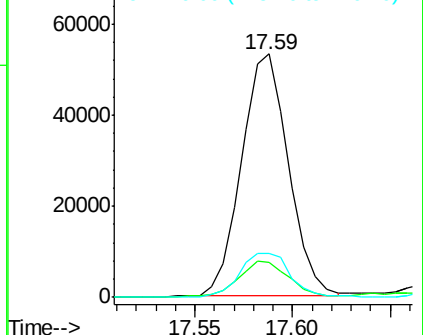
176 18.3 15.6 23.4



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

Di-n-butylphthalate

Concen: 48.71 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

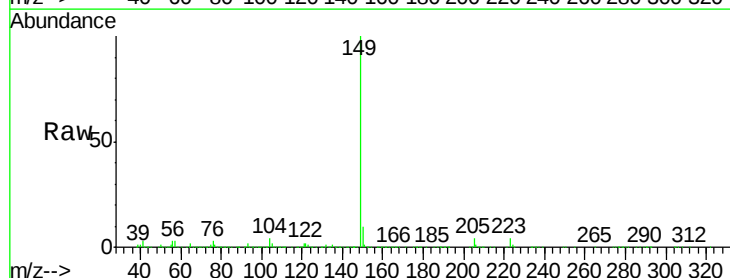
Tgt Ion:149 Resp: 1000396

Ion Ratio Lower Upper

149 100

150 10.2 7.5 11.3

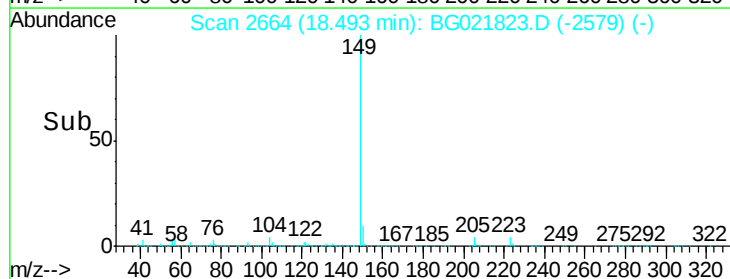
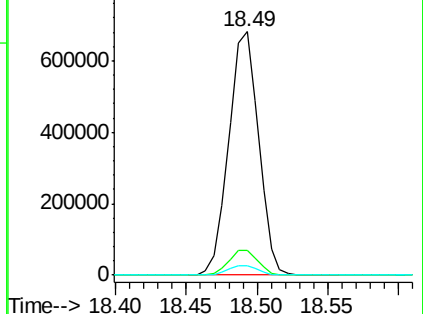
104 4.1 5.4 8.2#

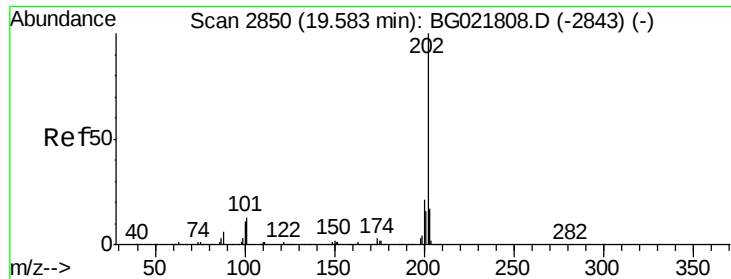


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 6.21 ng/ul

RT: 19.59 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

ClientSampleId :

D9XB1

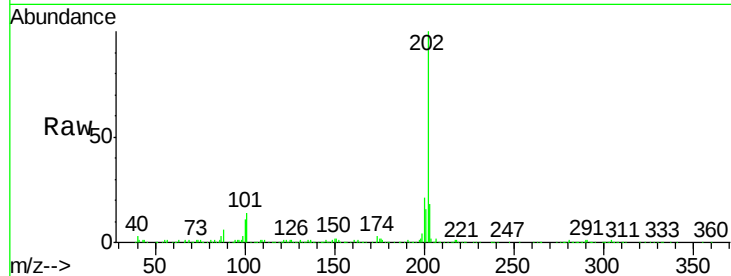
Tgt Ion:202 Resp: 181208

Ion Ratio Lower Upper

202 100

101 13.5 8.9 13.3#

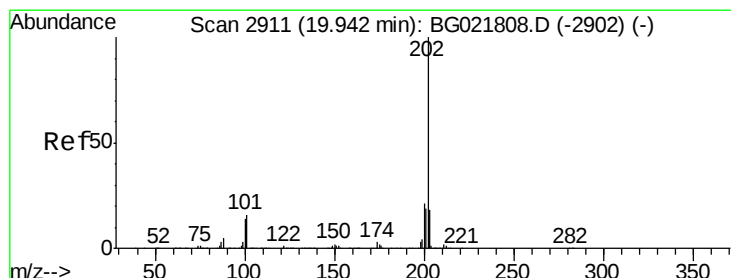
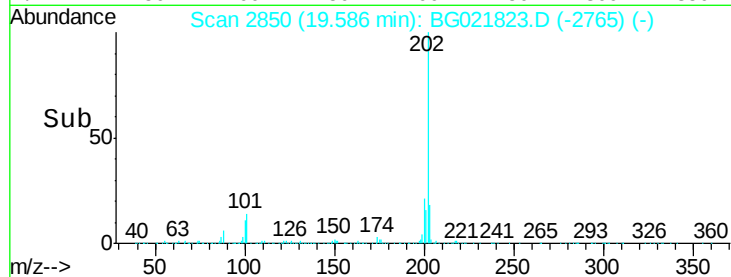
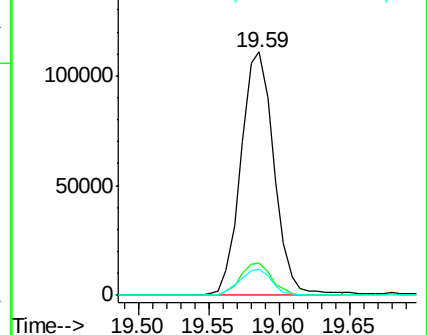
100 10.6 7.0 10.4#



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



#78

Pyrene

Concen: 6.90 ng/ul

RT: 19.59 min Scan# 2850

Delta R.T. -0.36 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

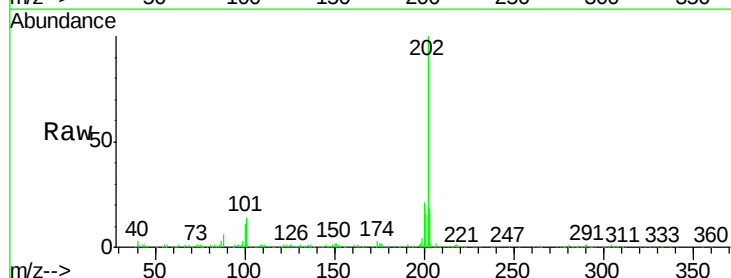
Tgt Ion:202 Resp: 181208

Ion Ratio Lower Upper

202 100

101 13.5 9.8 14.8

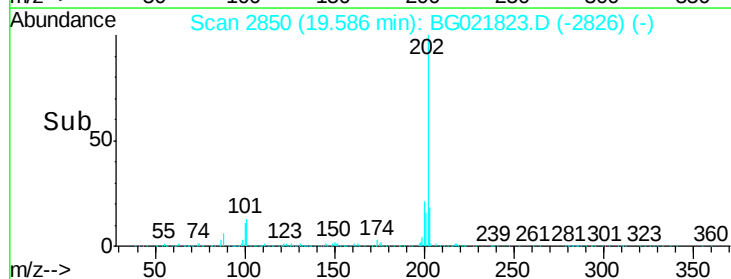
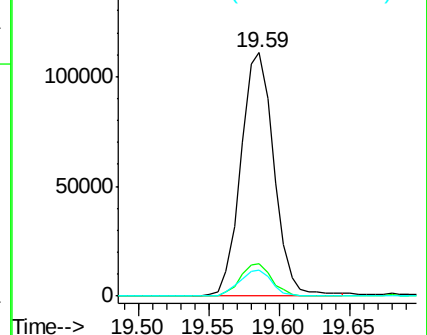
100 10.6 9.3 13.9

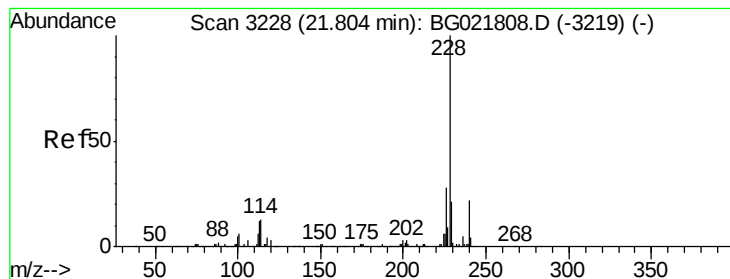


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Benzo(a)anthracene

Concen: 3.03 ng/ul

RT: 21.81 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

ClientSampled :

D9XB1

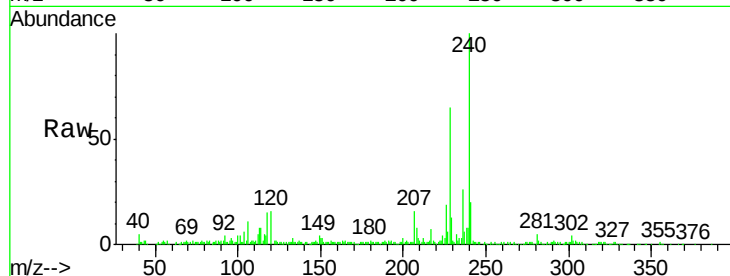
Tgt Ion:228 Resp: 76594

Ion Ratio Lower Upper

228 100

229 20.1 16.6 25.0

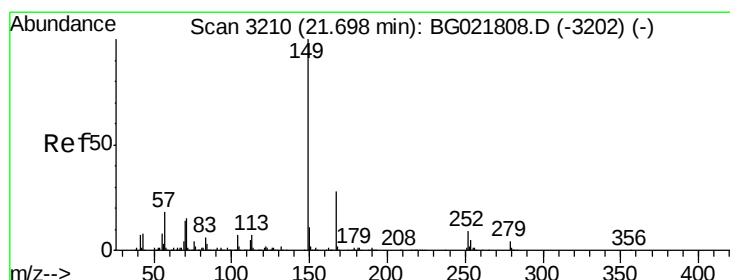
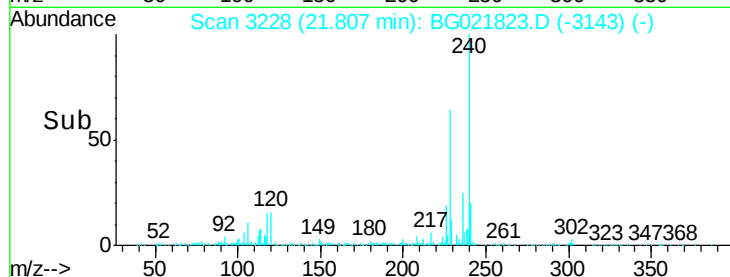
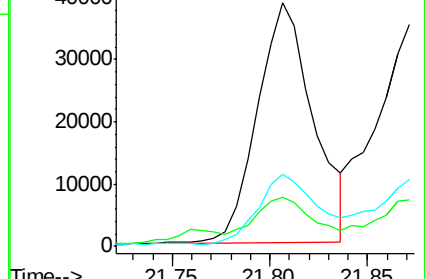
226 29.6 21.0 31.4



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

Bis(2-ethylhexyl)phthalate

Concen: 10.30 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

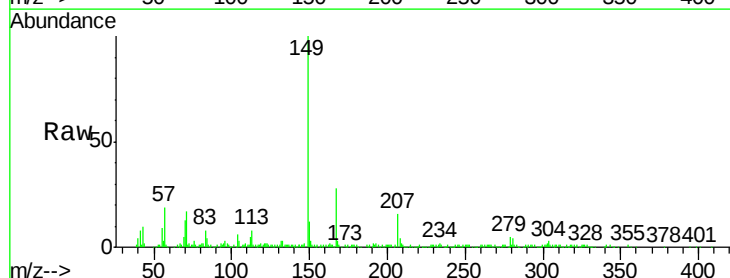
Tgt Ion:149 Resp: 97636

Ion Ratio Lower Upper

149 100

167 28.4 20.5 30.7

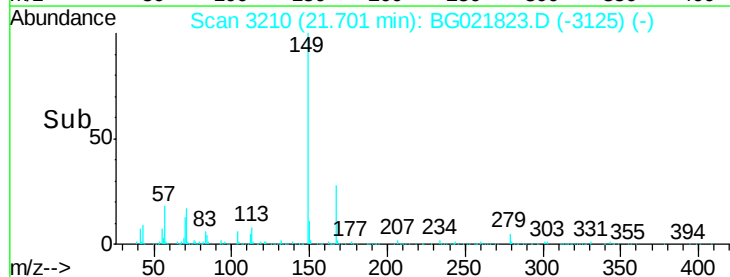
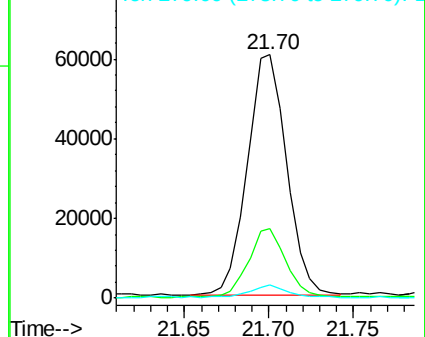
279 5.4 3.7 5.5

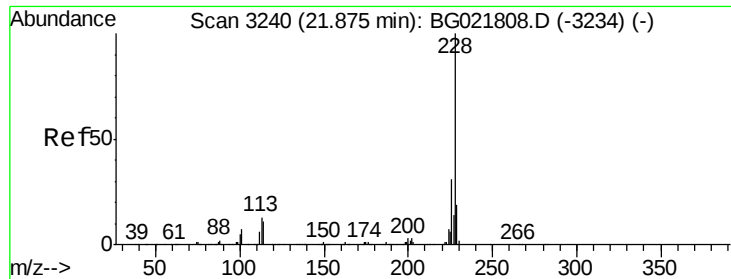


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#83

Chrysene

Concen: 3.35 ng/ul

RT: 21.88 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

ClientSampleId :

D9XB1

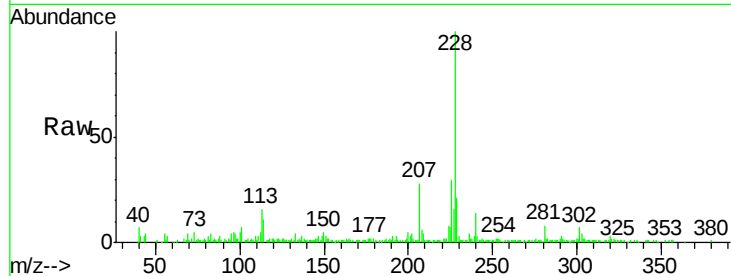
Tgt Ion:228 Resp: 83636

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

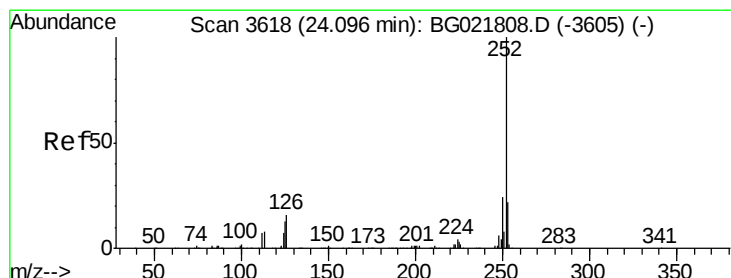
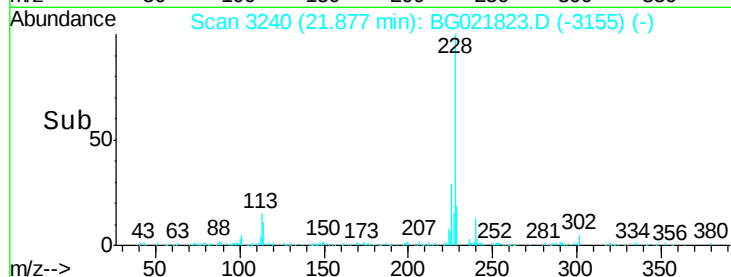
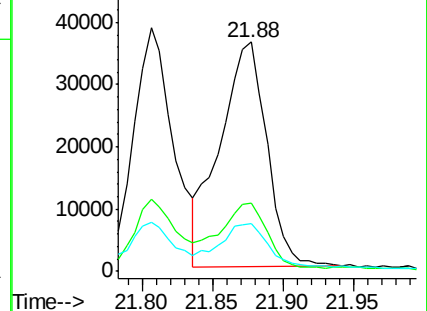
229 20.9 16.2 24.2



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



#86

Benzo(b)fluoranthene

Concen: 5.58 ng/ul

RT: 24.10 min Scan# 3618

Delta R.T. 0.00 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

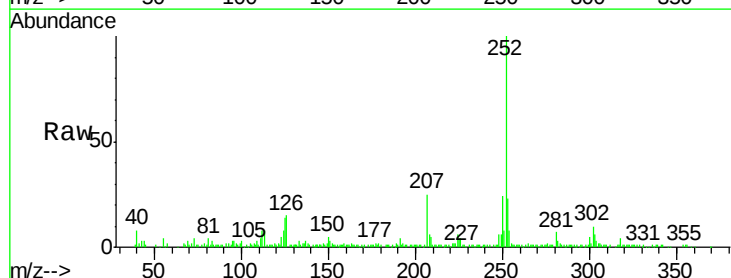
Tgt Ion:252 Resp: 143131

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

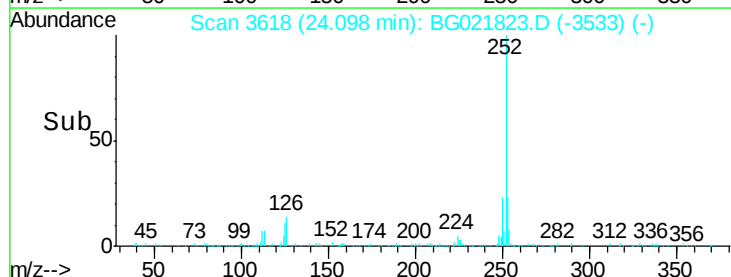
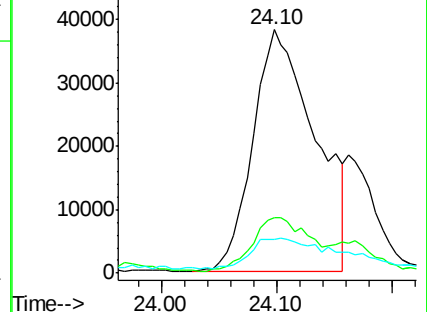
125 13.6 7.6 11.4#

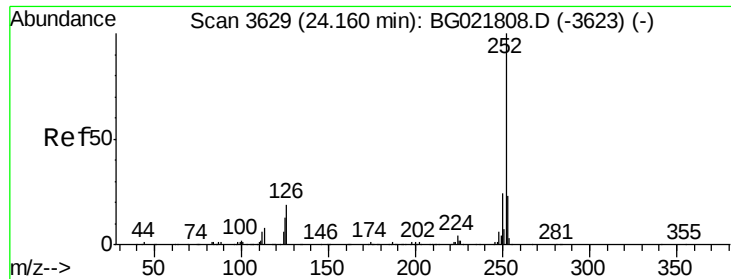


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#87

Benzo(k)fluoranthene

Concen: 5.21 ng/ul

RT: 24.10 min Scan# 3618

Delta R.T. -0.06 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

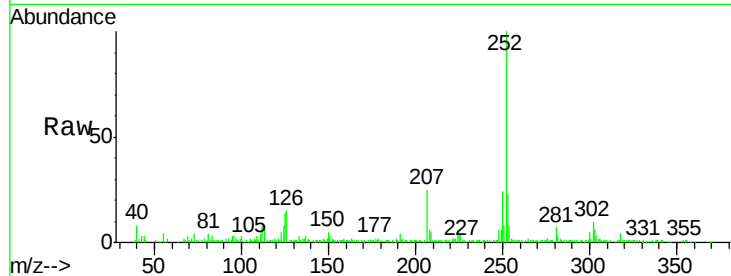
Instrument :

BNA_G

ClientSampled :

D9XB1

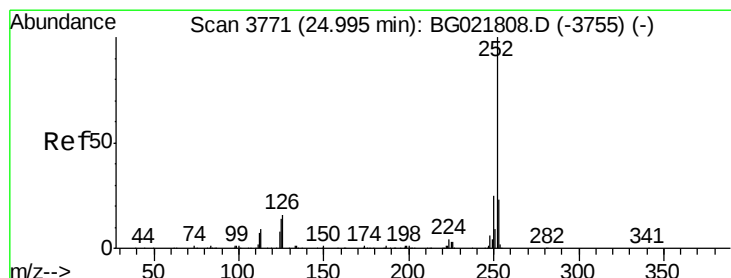
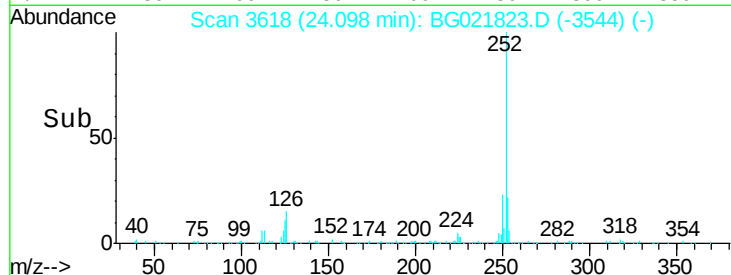
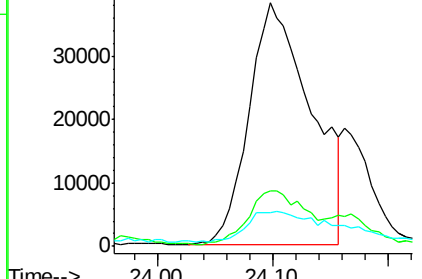
Tgt Ion:	252	Resp:	143131
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	13.6	7.7	11.5#



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(a)pyrene

Concen: 2.74 ng/ul

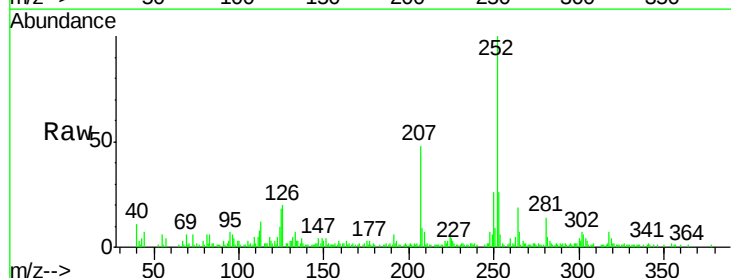
RT: 25.00 min Scan# 3772

Delta R.T. 0.01 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

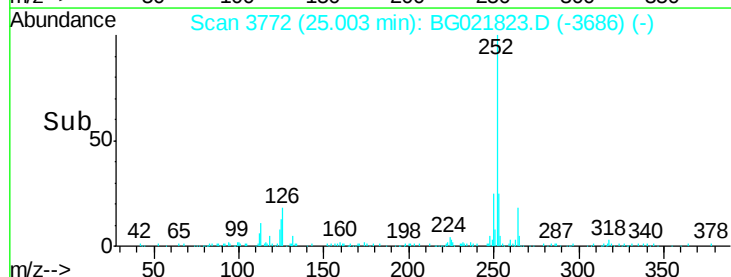
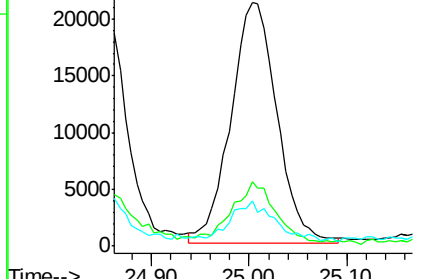
Tgt Ion:	252	Resp:	70075
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.4	26.0#
125	18.5	8.2	12.2#

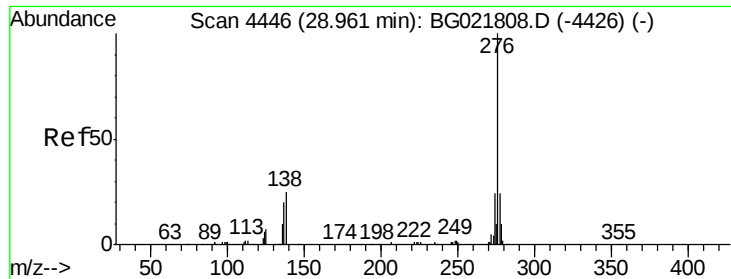


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.95 ng/ul

RT: 28.97 min Scan# 4447

Delta R.T. 0.01 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Instrument :

BNA_G

ClientSampleId :

D9XB1

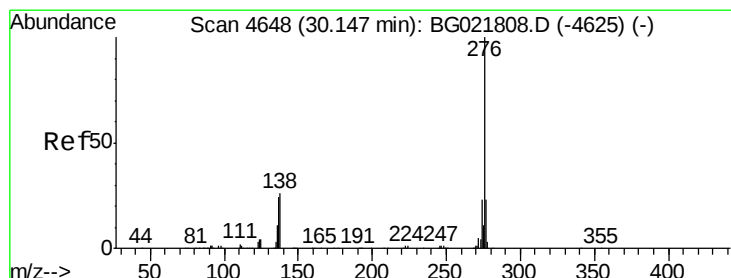
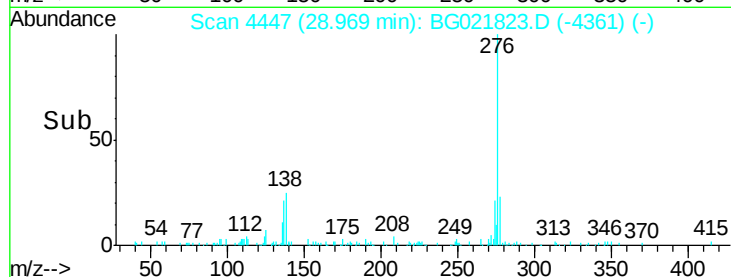
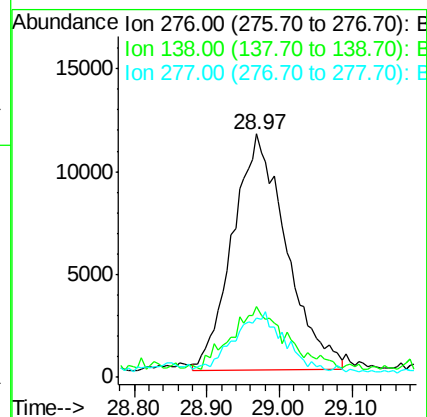
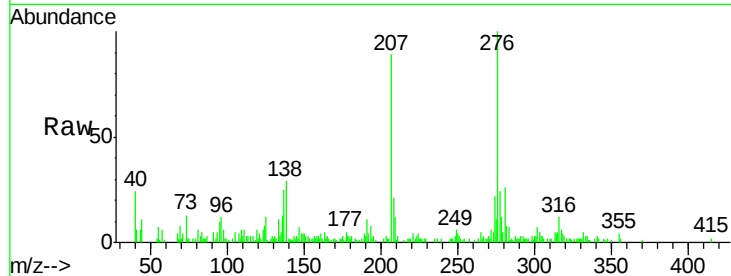
Tgt Ion:276 Resp: 59038

Ion Ratio Lower Upper

276 100

138 29.2 15.8 23.6#

277 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 1.86 ng/ul

RT: 30.16 min Scan# 4649

Delta R.T. 0.01 min

Lab File: BG021823.D

Acq: 10 May 2016 19:22

Tgt Ion:276 Resp: 46435

Ion Ratio Lower Upper

276 100

138 32.6 13.9 20.9#

277 22.6 19.8 29.6

