

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021904.D
 Acq On : 16 May 2016 13:27
 Operator : UM/SJ
 Sample : H3095-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE1

Quant Time: May 17 00:32:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	81237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	420533	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	251018	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	526244	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	533335	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	517894	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	4359	2.59	ng/uL	0.00
5) Phenol-d5	7.31	99	96926	16.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	44590	14.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	92690	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	79313	15.66	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	47765	17.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	50854	29.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	96508	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.27	131	125	0.02	ng/ul	0.15
44) Dimethylphthalate-d6	14.18	166	321273	18.22	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	429560	17.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	13915	4.60	ng/ul	0.01
58) Fluorene-d10	15.77	176	299120	16.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	34422	23.61	ng/ul	0.00
71) Anthracene-d10	17.63	188	422224	16.48	ng/ul	0.00
77) Pyrene-d10	19.91	212	452536	18.13	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	416508	16.93	ng/ul	0.00

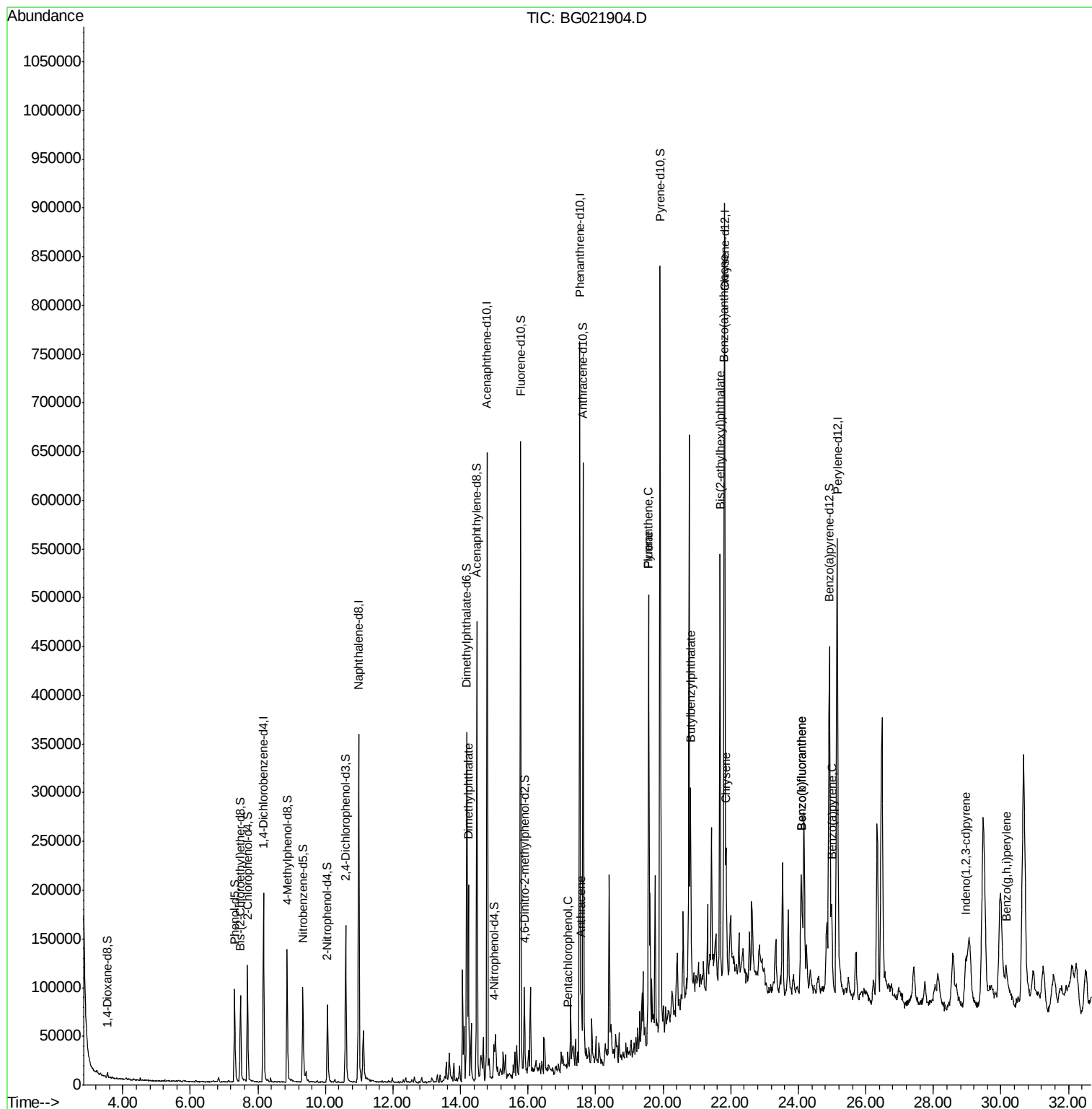
Target Compounds

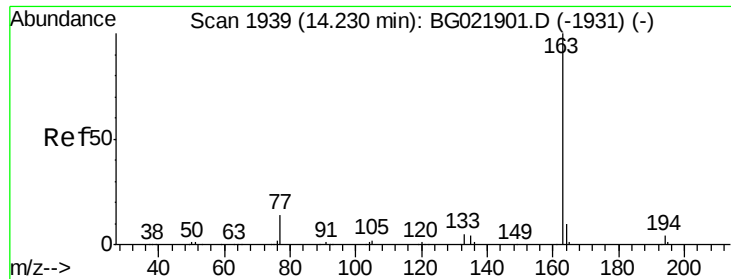
						Ovalue
45) Dimethylphthalate	14.23	163	169546	9.44	ng/ul	98
69) Pentachlorophenol	17.18	266	3821	1.58	ng/ul#	81
72) Anthracene	17.57	178	52477	1.80	ng/ul	97
75) Fluoranthene	19.58	202	164445	5.03	ng/ul#	94
78) Pyrene	19.58	202	164445	5.33	ng/ul	99
79) Butylbenzylphthalate	20.81	149	8349	1.22	ng/ul	90
81) Benzo(a)anthracene	21.80	228	93782	3.16	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	242473	21.78	ng/ul	94
83) Chrysene	21.86	228	98207	3.35	ng/ul	95
86) Benzo(b)fluoranthene	24.08	252	155395	5.24	ng/ul#	94
87) Benzo(k)fluoranthene	24.08	252	155395	4.90	ng/ul#	93
89) Benzo(a)pyrene	24.99	252	100276	3.40	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.95	276	77912	2.23	ng/ul#	95
92) Benzo(g,h,i)perylene	30.16	276	71053	2.46	ng/ul#	92

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

```
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Acq On    : 16 May 2016   13:27  
Operator  : UM/SJ  
Sample    : H3095-04  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration

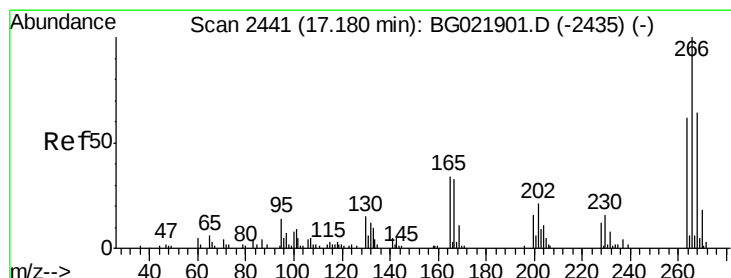
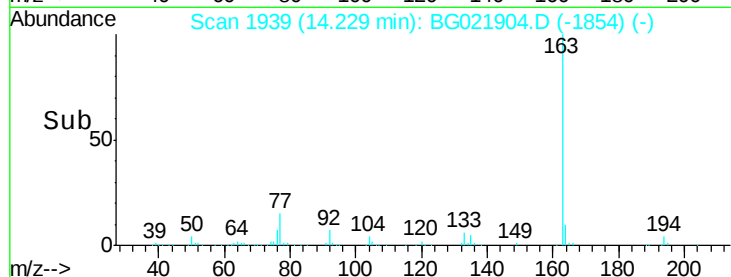
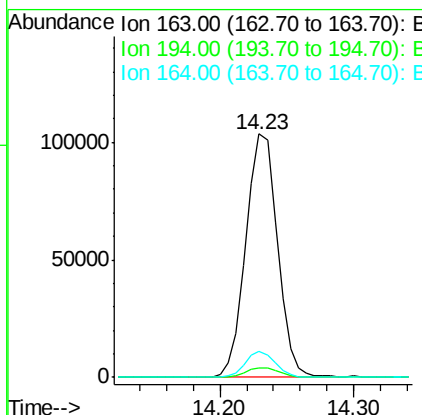
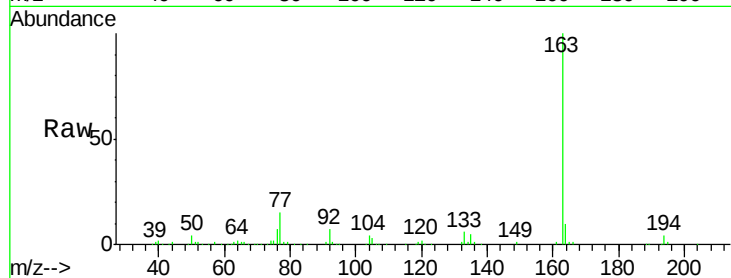




#45
Dimethylphthalate
Concen: 9.44 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

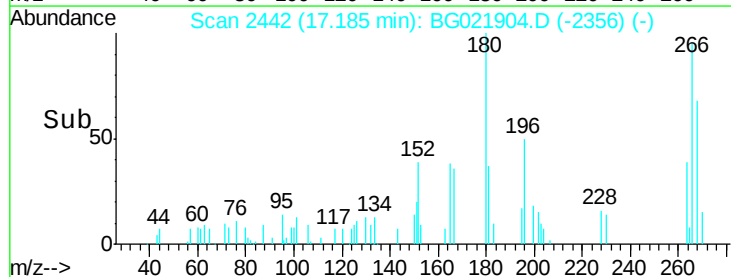
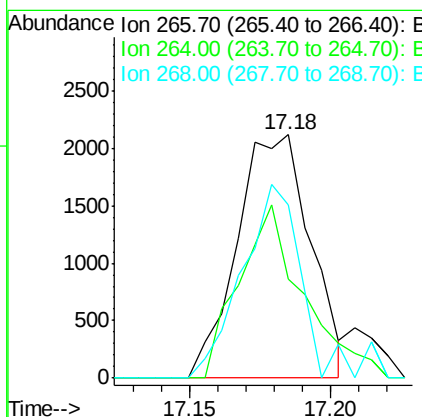
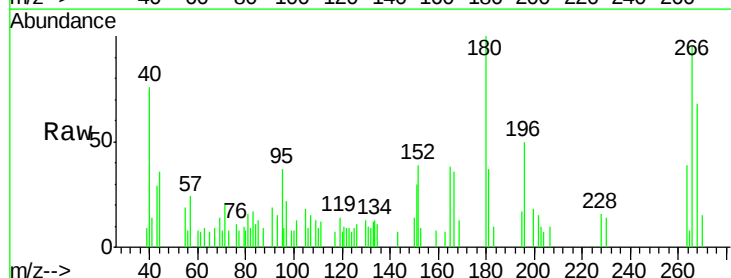
Instrument :
BNA_G
ClientSampleId :
D9XE1

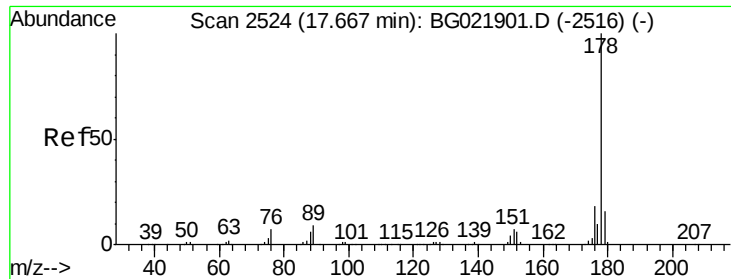
Tot Ion:163 Resp: 169546
Ion Ratio Lower Upper
163 100
194 4.0 3.9 5.9
164 10.5 8.7 13.1



#69
Pentachlorophenol
Concen: 1.58 ng/ul
RT: 17.18 min Scan# 2442
Delta R.T. 0.01 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

Tgt Ion:266 Resp: 3821
Ion Ratio Lower Upper
266 100
264 49.3 56.7 85.1#
268 71.2 50.6 76.0





#72

Anthracene

Concen: 1.80 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. -0.09 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Instrument :

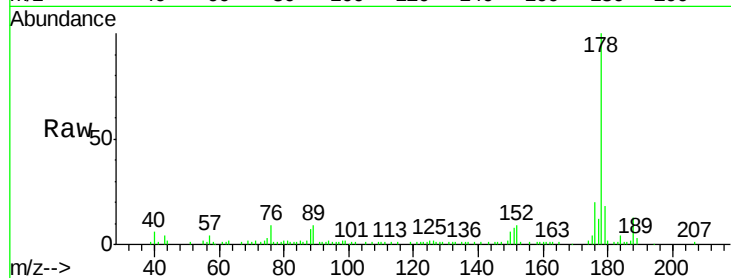
BNA_G

ClientSampleId :

D9XE1

Tot Ion:178 Resp: 52477

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.9	19.3
176	20.5	15.6	23.4

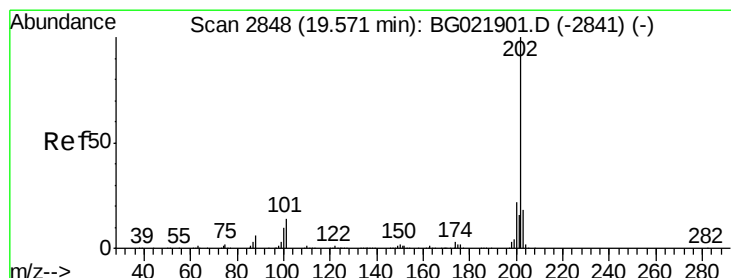
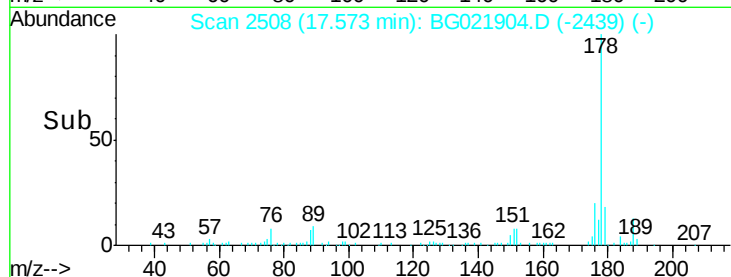
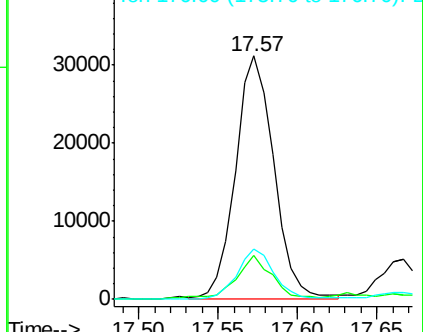


Abundance

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



#75

Fluoranthene

Concen: 5.03 ng/ul

RT: 19.58 min Scan# 2849

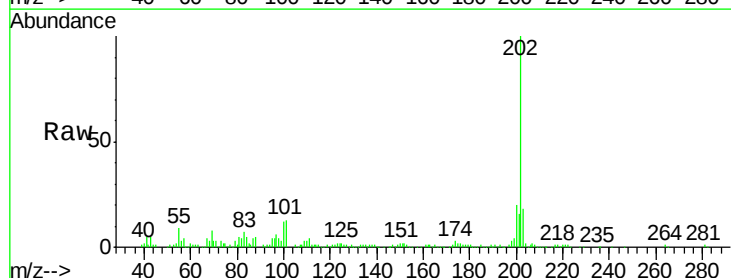
Delta R.T. 0.01 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Tgt Ion:202 Resp: 164445

Ion	Ratio	Lower	Upper
202	100		
101	13.1	8.9	13.3
100	11.5	7.0	10.4

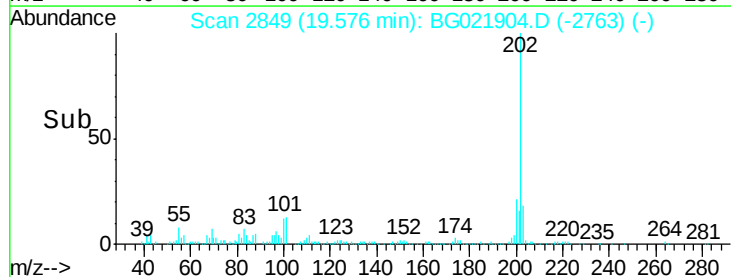
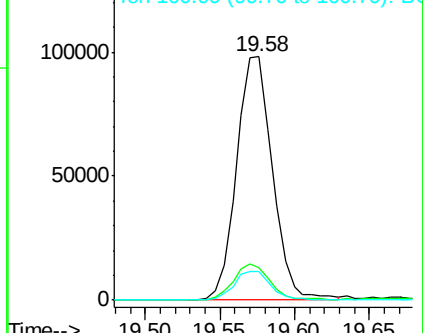


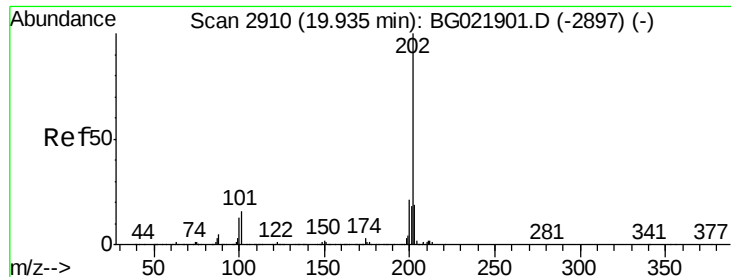
Abundance

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

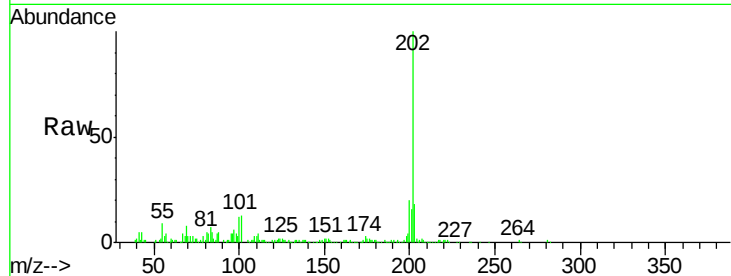




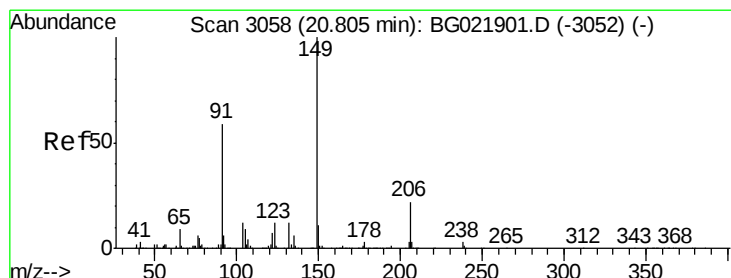
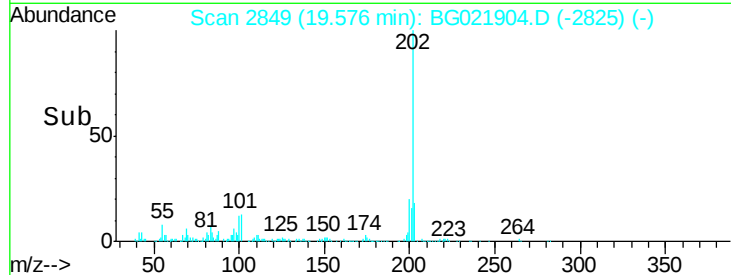
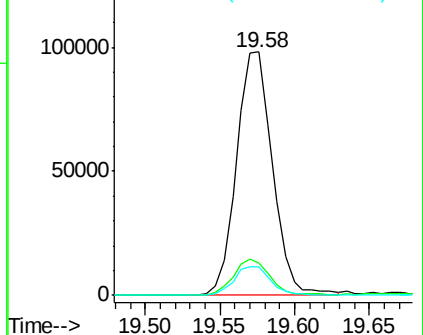
#78
Pvrene
Concen: 5.33 ng/ul
RT: 19.58 min Scan# 2849
Delta R.T. -0.36 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

Instrument :
BNA_G
ClientSampleId :
D9XE1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.8
100	11.5	9.3	13.9

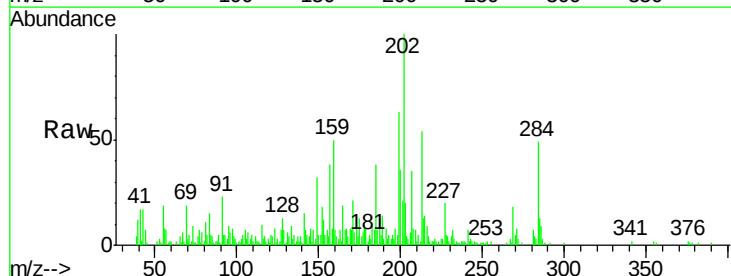


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

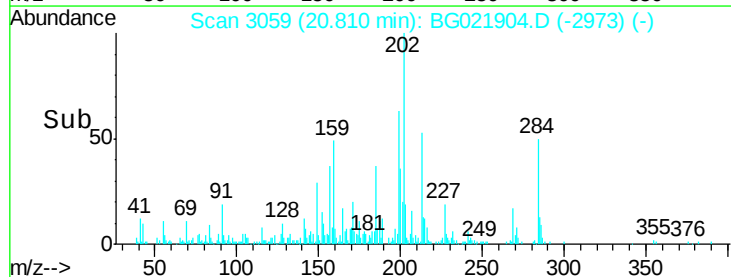
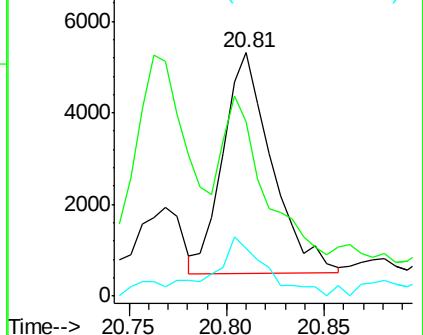


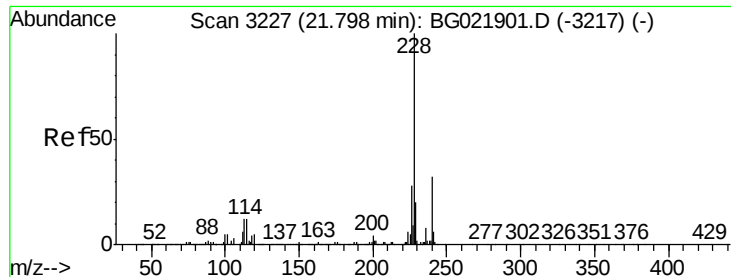
#79
Butylbenzylphthalate
Concen: 1.22 ng/ul
RT: 20.81 min Scan# 3059
Delta R.T. 0.01 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	65.8	98.8
206	19.8	15.5	23.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E

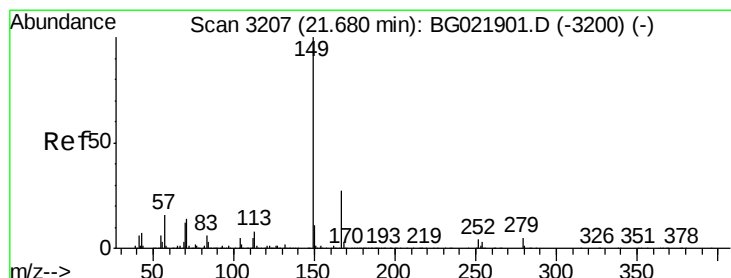
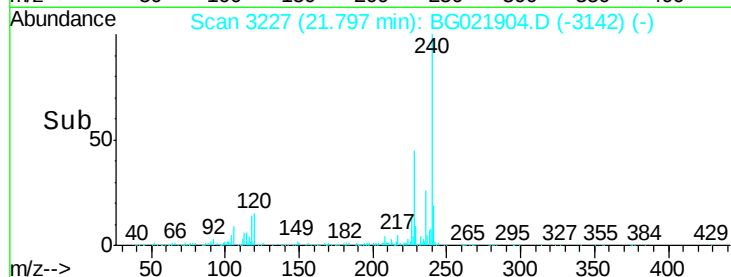
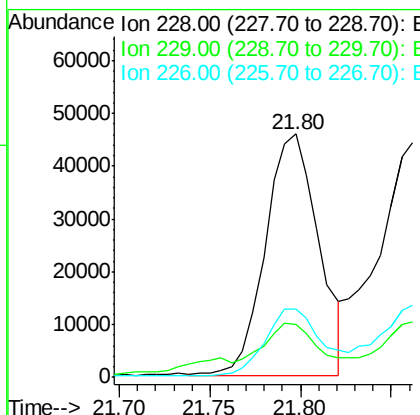
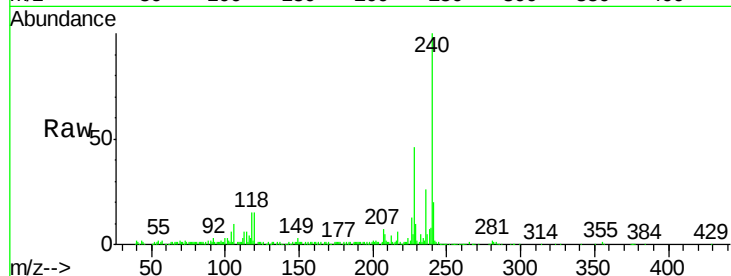




#81
Benzo(a)anthracene
Concen: 3.16 ng/ul
RT: 21.80 min Scan# 3227
Delta R.T. -0.00 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

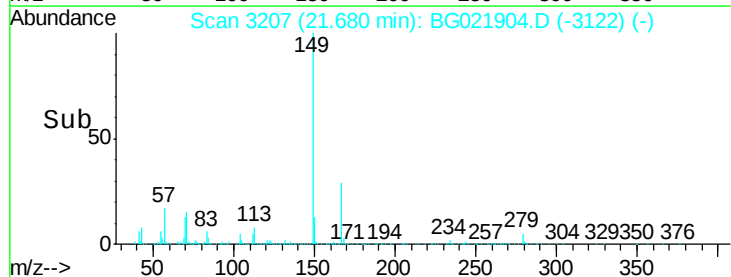
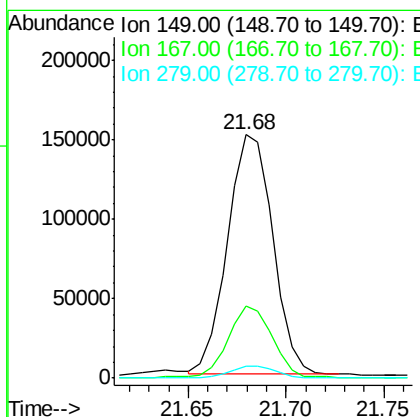
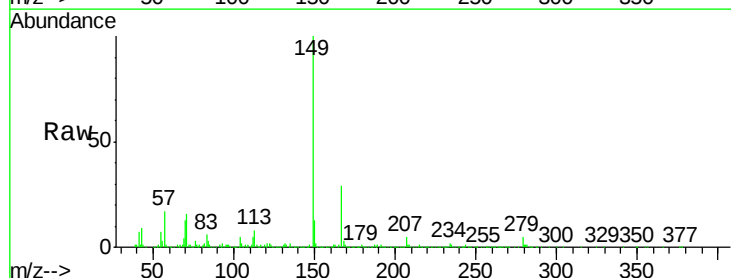
Instrument :
BNA_G
ClientSampleId :
D9XE1

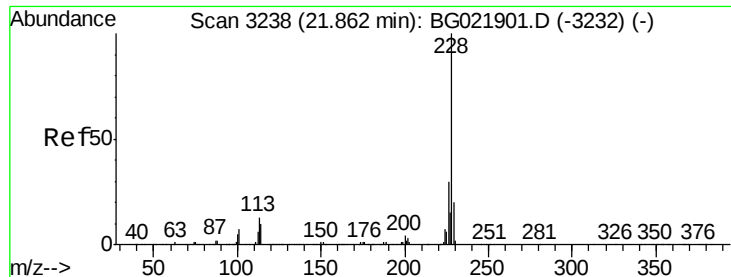
Tot Ion:228 Resp: 93782
Ion Ratio Lower Upper
228 100
229 21.8 16.6 25.0
226 28.3 21.0 31.4



#82
Bis(2-ethylhexyl)phthalate
Concen: 21.78 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

Tgt Ion:149 Resp: 242473
Ion Ratio Lower Upper
149 100
167 29.4 20.5 30.7
279 4.7 3.7 5.5





#83

Chrysene

Concen: 3.35 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Instrument :

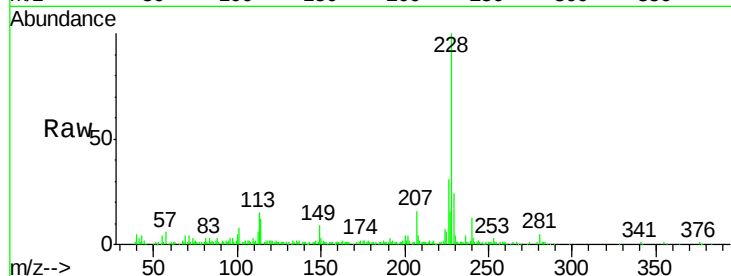
BNA_G

ClientSampleId :

D9XE1

Tot Ion:228 Resp: 98207

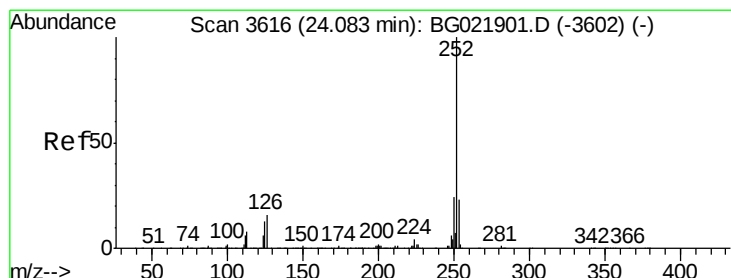
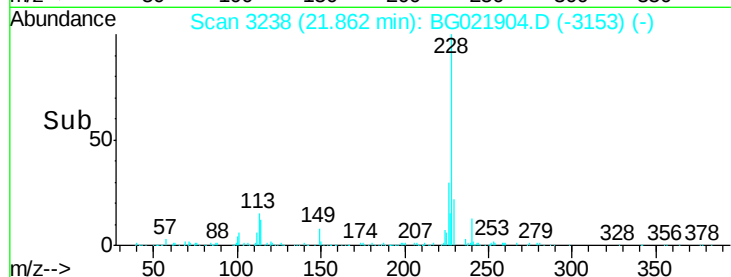
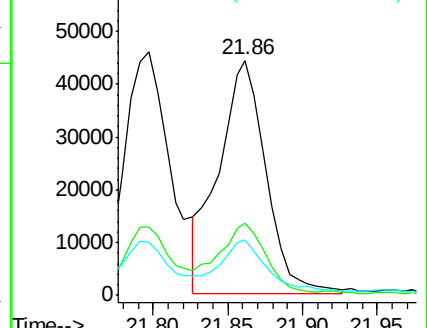
Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	23.9	16.2	24.2



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: 5.24 ng/ul

RT: 24.08 min Scan# 3616

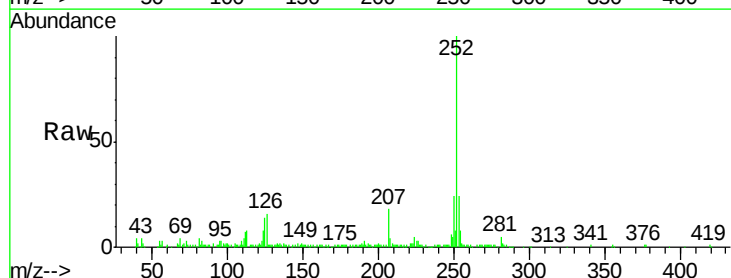
Delta R.T. -0.00 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Tgt Ion:252 Resp: 155395

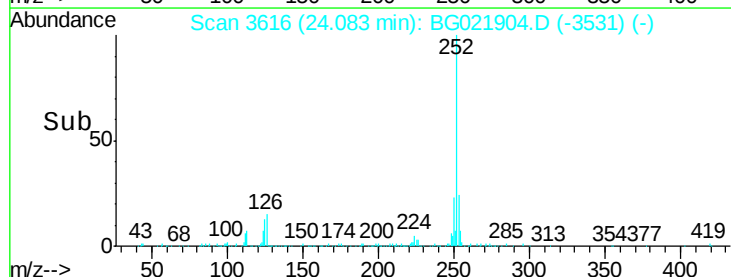
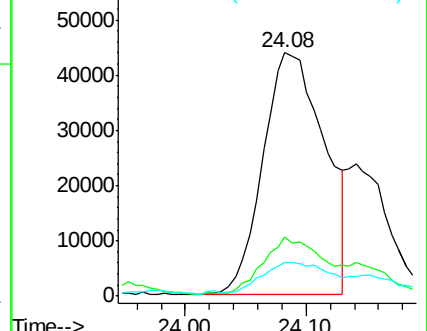
Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	14.0	7.6	11.4

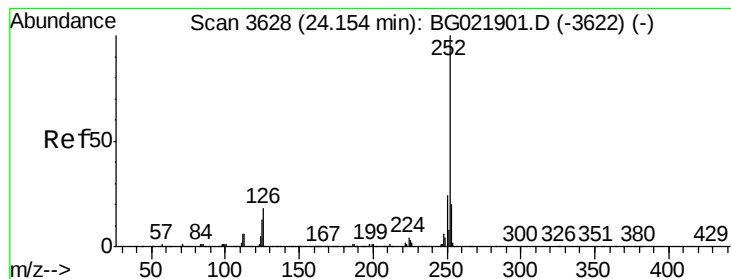


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#87

Benzo(k)fluoranthene

Concen: 4.90 ng/ul

RT: 24.08 min Scan# 3616

Delta R.T. -0.07 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Instrument :

BNA_G

ClientSampleId :

D9XE1

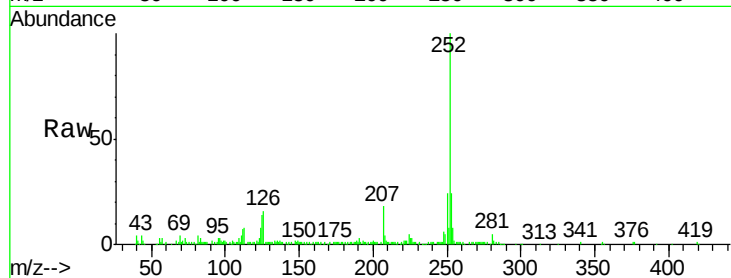
Tot Ion:252 Resp: 155395

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.8

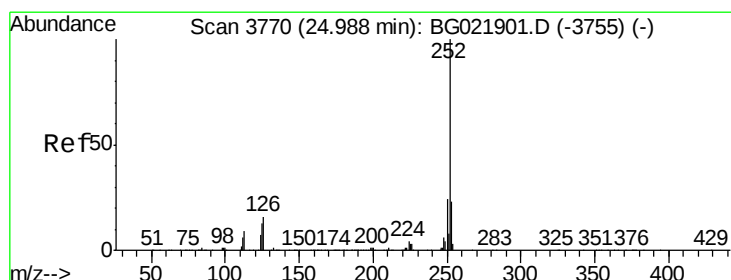
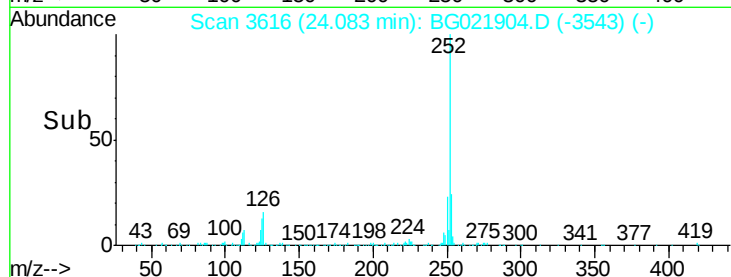
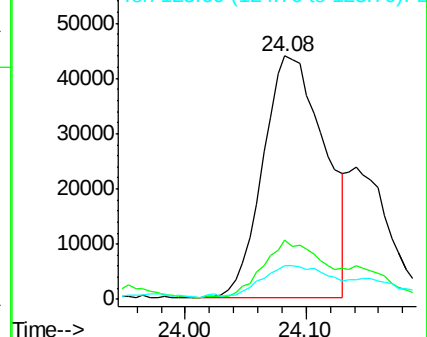
125 14.0 7.7 11.5#



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: 3.40 ng/ul

RT: 24.99 min Scan# 3770

Delta R.T. -0.00 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

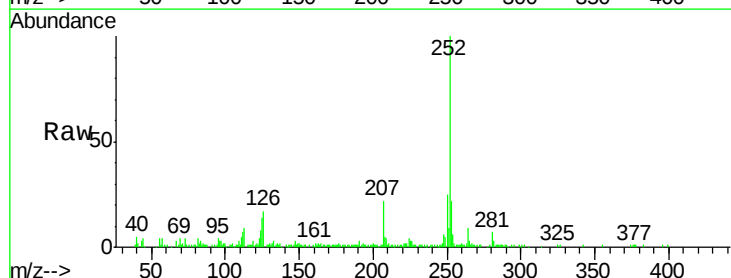
Tgt Ion:252 Resp: 100276

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

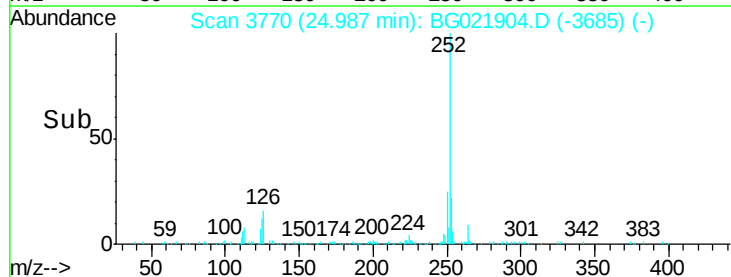
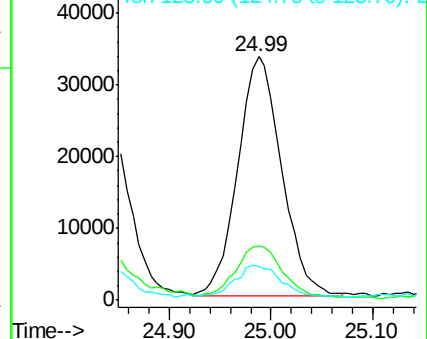
125 13.6 8.2 12.2#

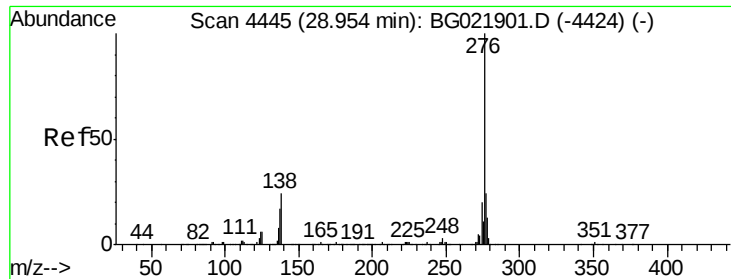


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

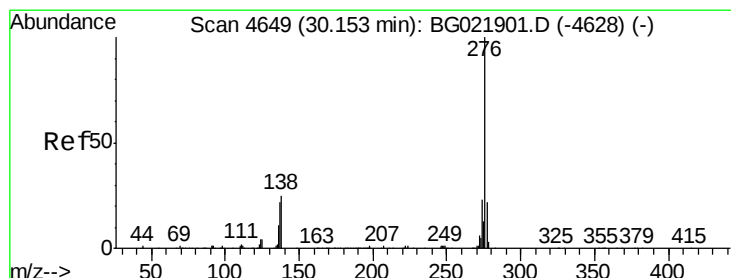
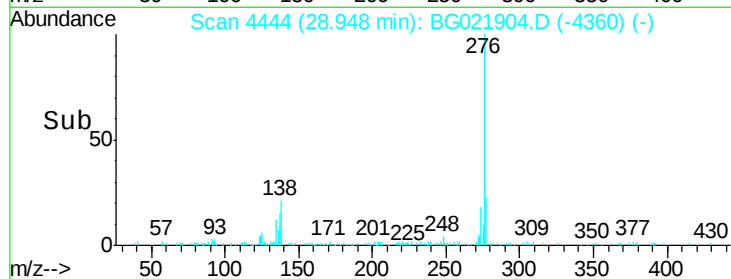
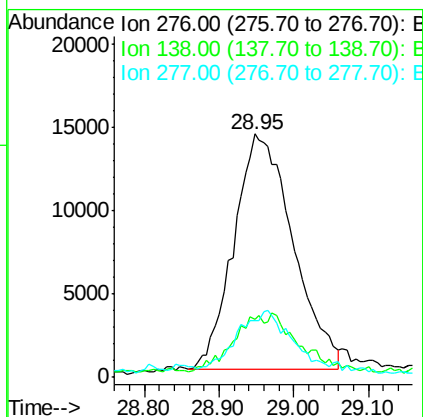
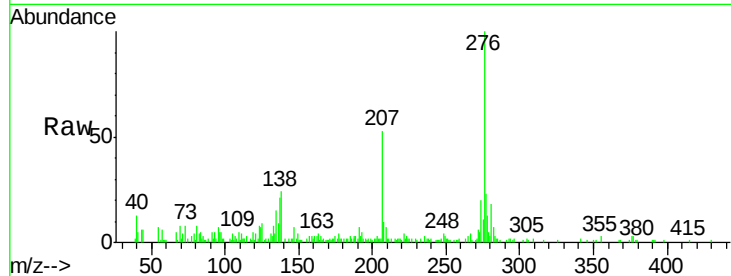




#90
 Indeno(1,2,3-cd)pyrene
 Concen: 2.23 ng/ul
 RT: 28.95 min Scan# 4444
 Delta R.T. -0.01 min
 Lab File: BG021904.D
 Acq: 16 May 2016 13:27

Instrument :
 BNA_G
 ClientSampleId :
 D9XE1

Tot Ion:276 Resp: 77912
 Ion Ratio Lower Upper
 276 100
 138 23.7 15.8 23.6#
 277 23.3 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 2.46 ng/ul
 RT: 30.16 min Scan# 4650
 Delta R.T. 0.01 min
 Lab File: BG021904.D
 Acq: 16 May 2016 13:27

Tgt Ion:276 Resp: 71053
 Ion Ratio Lower Upper
 276 100
 138 25.2 13.9 20.9#
 277 24.9 19.8 29.6

