Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
Data File : BG021813.D
Acq On : 10 May 2016 12:44
Operator : UM/SJ
Sample : H2938-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XA1

Quant Time: May 11 03:30:33 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	36712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	187871	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	119085	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	256179	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	267750	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	250089	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4906	6.45	ng/uL	0.00
5) Phenol-d5	7.33	99	91325	33.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	43531	32.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	85669	40.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	71186	31.11	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	42586	34.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	36186	46.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	117	0.05	ng/ul	0.36
29) 4-Chloroaniline-d4	11.14	131	65819	27.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	312012	37.30	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	437173	36.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	31826	22.20	ng/ul	0.00
58) Fluorene-d10	15.79	176	300476	34.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	23934	33.73	ng/ul	0.00
71) Anthracene-d10	17.64	188	424502	34.04	ng/ul	0.00
77) Pyrene-d10	19.92	212	458840	36.61	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	422511	35.56	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.71	77	1258	4.25	ng/ul#	84
45) Dimethylphthalate	14.24	163	56218	6.60	ng/ul#	99
64) 4,6-Dinitro-2-methylphenol	15.83	198	1033	1.34	ng/ul#	50
70) Phenanthrene	17.59	178	36507	2.61	ng/ul	97
75) Fluoranthene	19.58	202	104862	6.59	ng/ul	98
78) Pyrene	19.94	202	108936	7.03	ng/ul#	93
81) Benzo(a)anthracene	21.80	228	105346	7.07	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	98412	17.60	ng/ul	99
83) Chrysene	21.87	228	134736	9.14	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	278446	19.45	ng/ul#	96
87) Benzo(k)fluoranthene	24.10	252	278446	18.17	ng/ul#	97
89) Benzo(a)pyrene	25.00	252	157101	11.02	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	28.97	276	141953	8.41	ng/ul#	88
92) Benzo(g,h,i)perylene	30.16	276	133176	9.55	ng/ul#	89

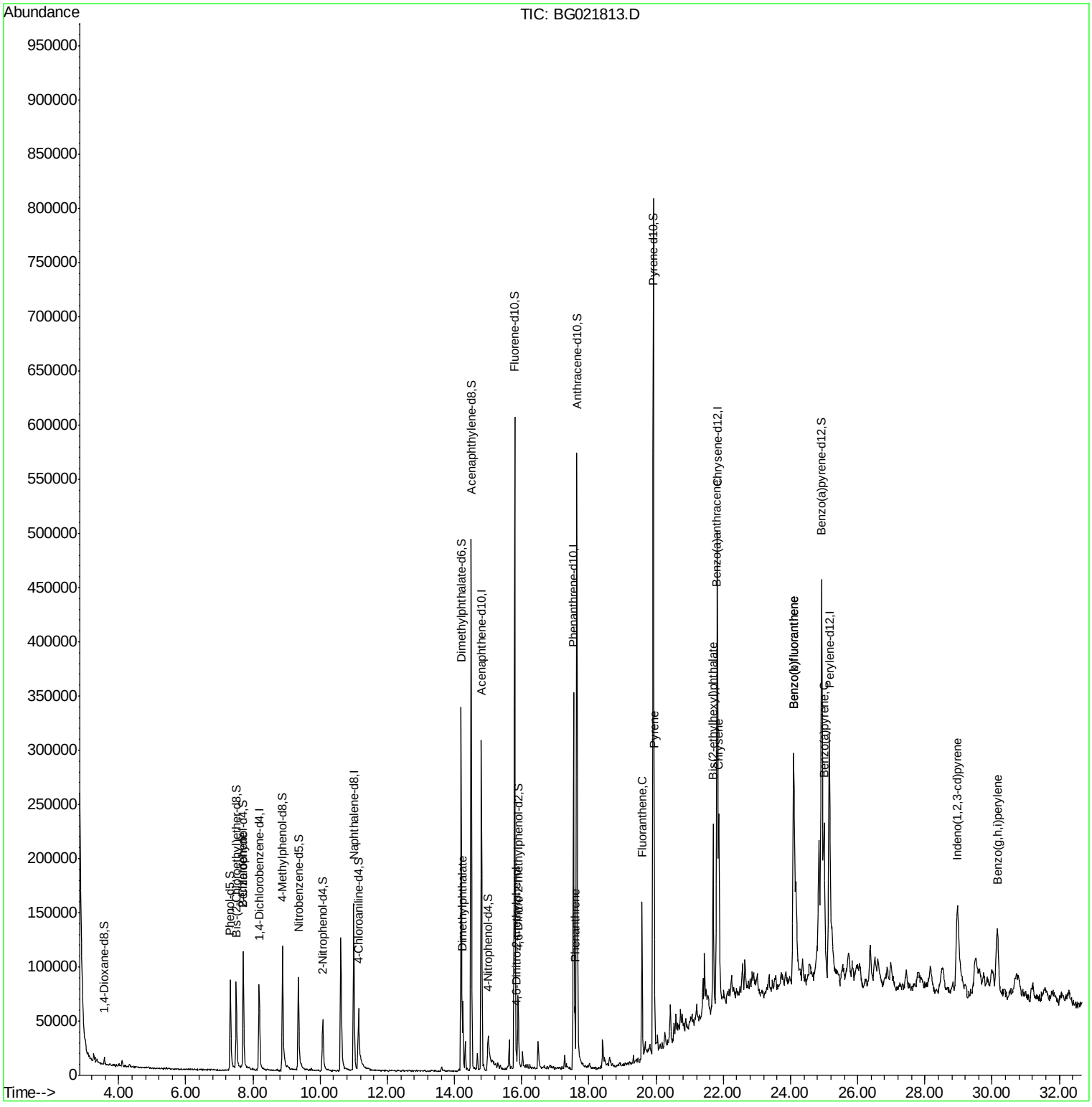
(#) = qualifier out of range (m) = manual integration (+) = signals summed

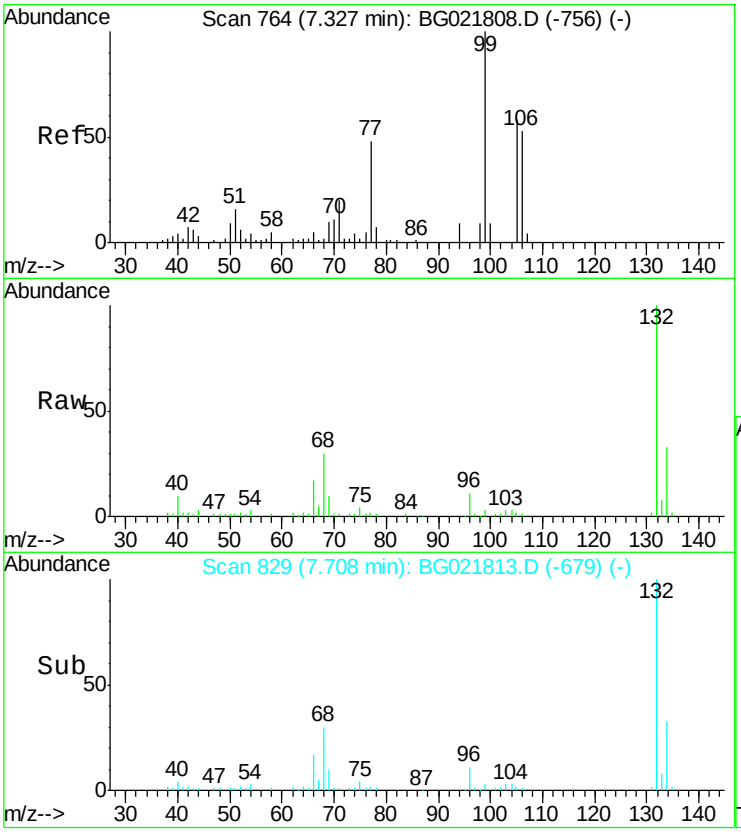
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
Data File : BG021813.D
Acq On : 10 May 2016 12:44
Operator : UM/SJ
Sample : H2938-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA1

Quant Time: May 11 03:30:33 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



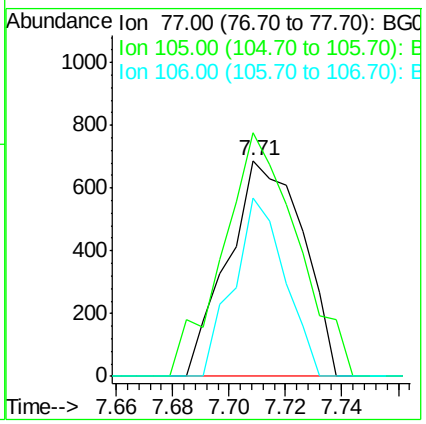


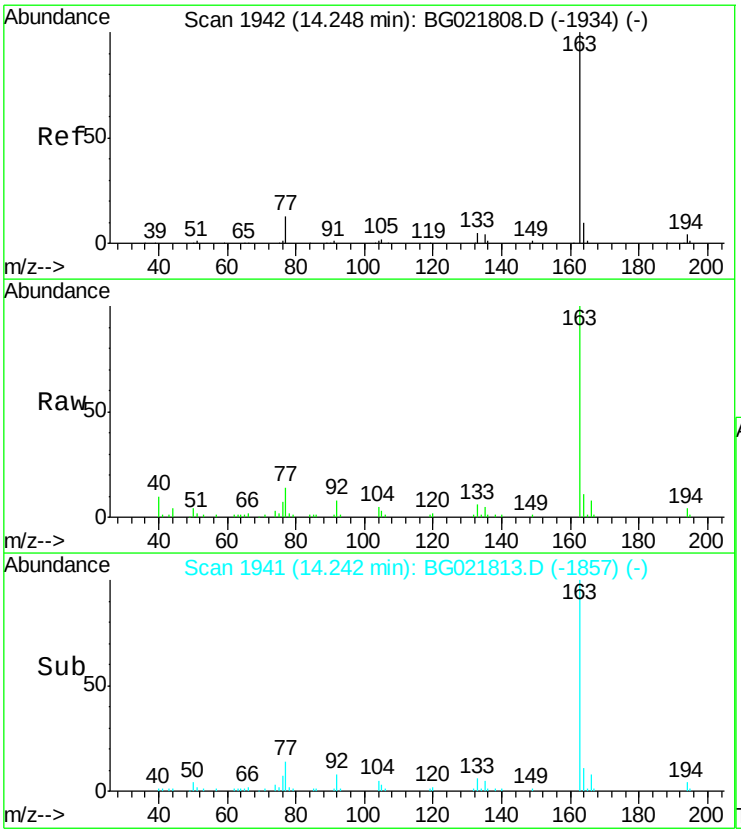
#4
Benzaldehyde
Concen: 4.25 ng/ul
RT: 7.71 min Scan# 829
Delta R.T. 0.38 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tgt Ion: 77 Resp: 1258

Ion	Ratio	Lower	Upper
77	100		
105	112.8	68.5	102.7#
106	82.4	65.0	97.4

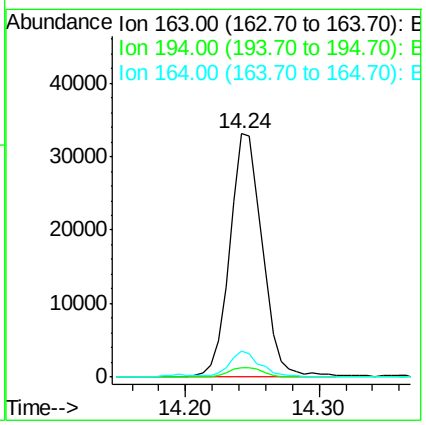


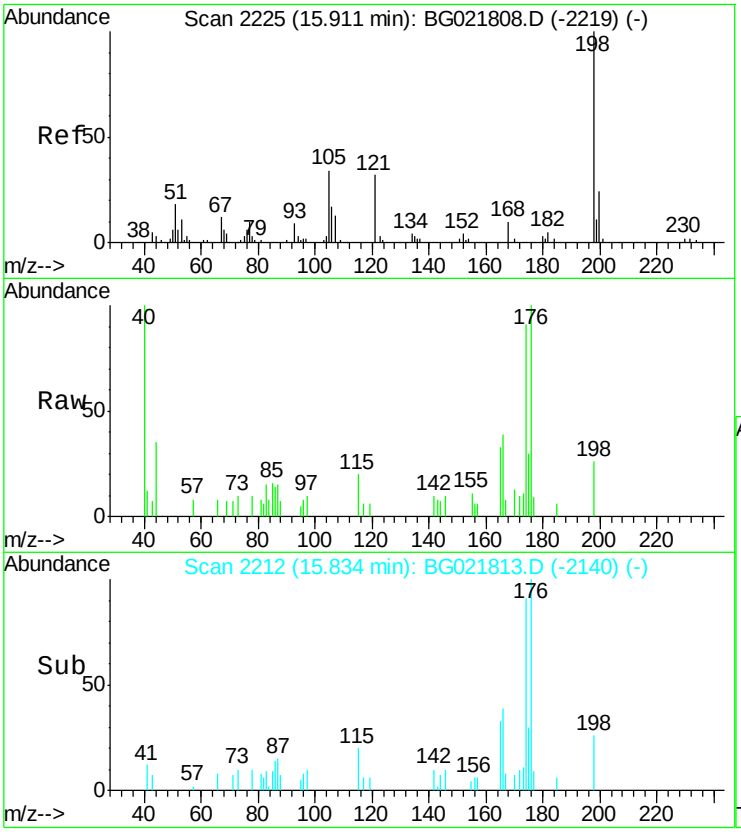


#45
Dimethylphthalate
Concen: 6.60 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion:163 Resp: 56218

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.9	5.9#
164	10.9	8.7	13.1



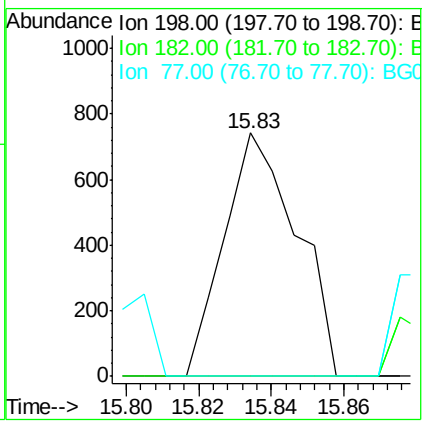


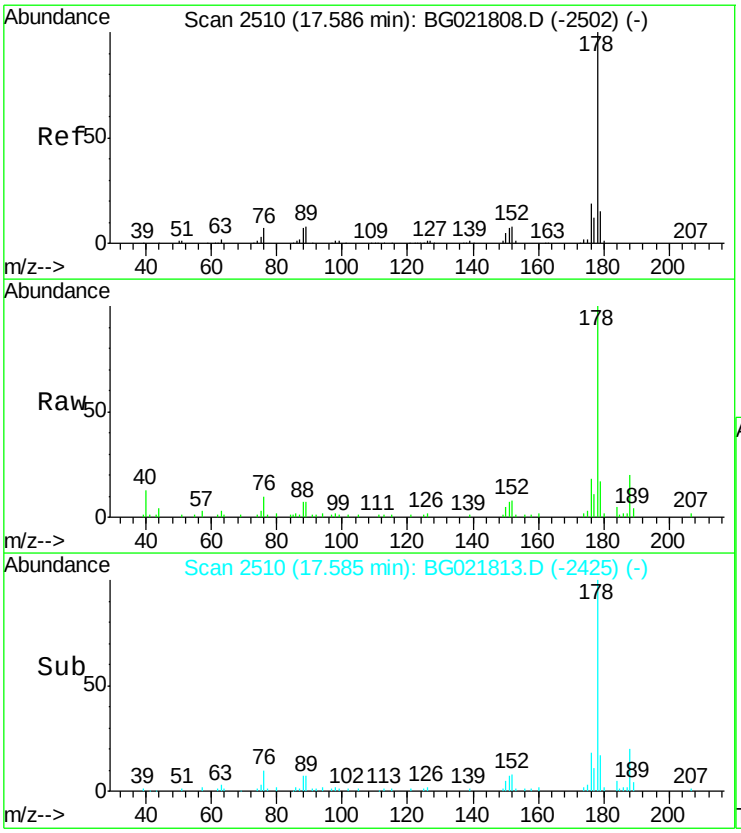
#64
4,6-Dinitro-2-methylphenol
Concen: 1.34 ng/ul
RT: 15.83 min Scan# 2212
Delta R.T. -0.08 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tgt Ion:198 Resp: 1033

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.8#
77	0.0	24.2	36.4#

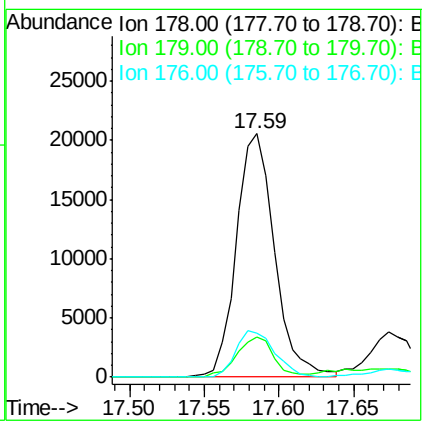


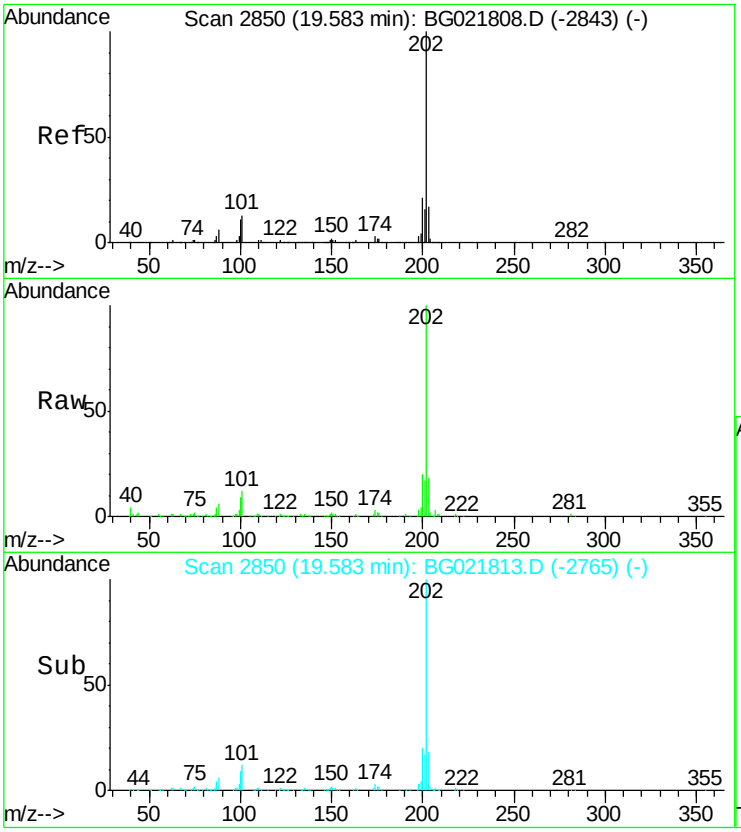


#70
Phenanthrene
Concen: 2.61 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion:178 Resp: 36507

Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.8	17.8
176	17.8	14.8	22.2



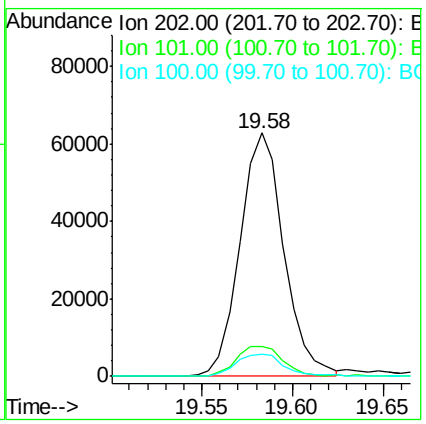


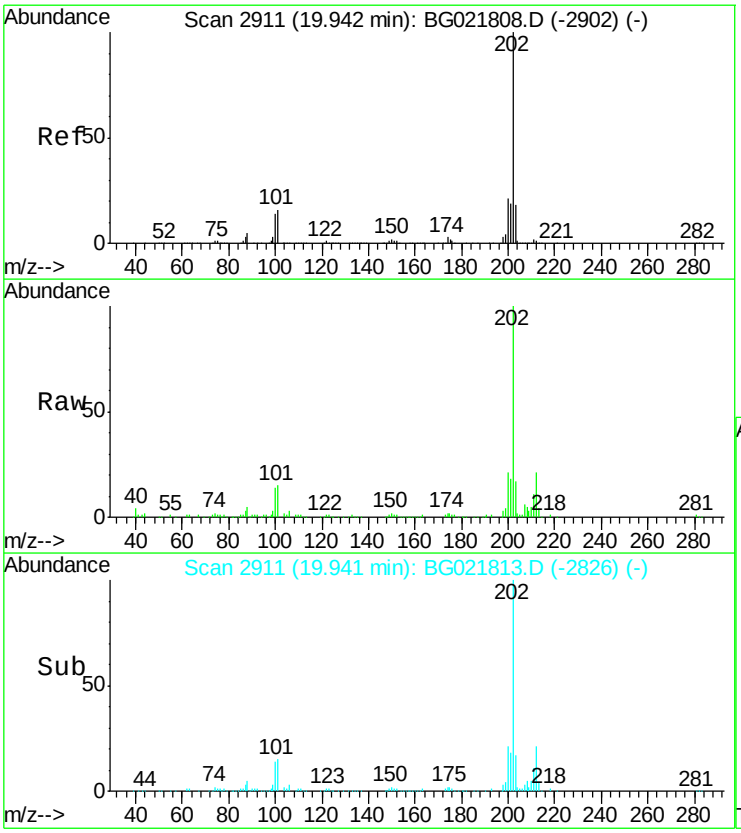
#75
Fluoranthene
Concen: 6.59 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tgt Ion:202 Resp: 104862

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	9.2	7.0	10.4

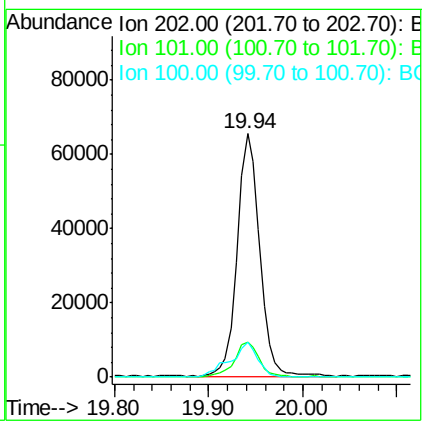


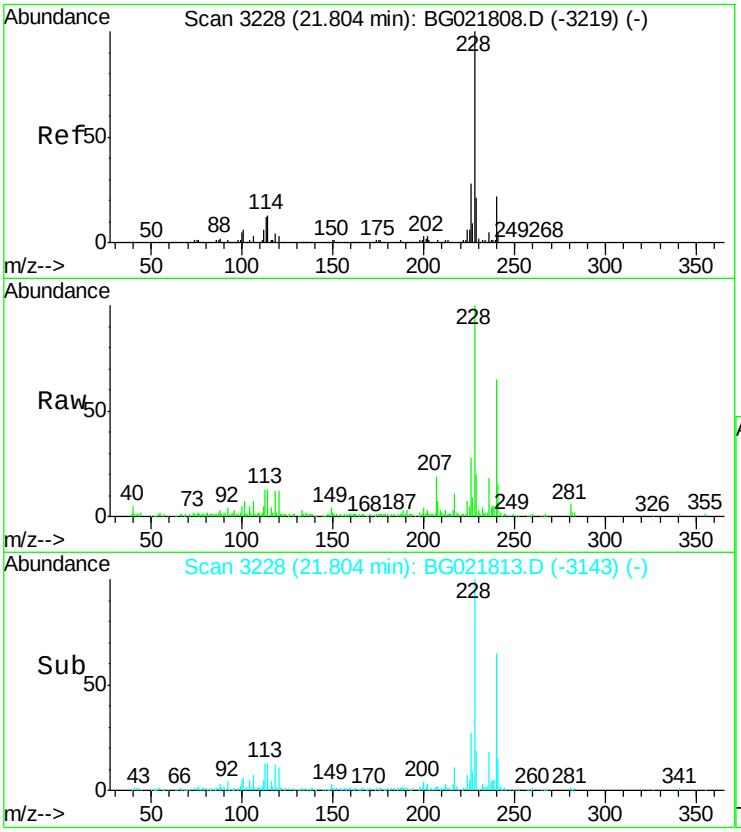


#78
Pyrene
Concen: 7.03 ng/ul
RT: 19.94 min Scan# 2911
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion:202 Resp: 108936

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.8	14.8
100	14.5	9.3	13.9#



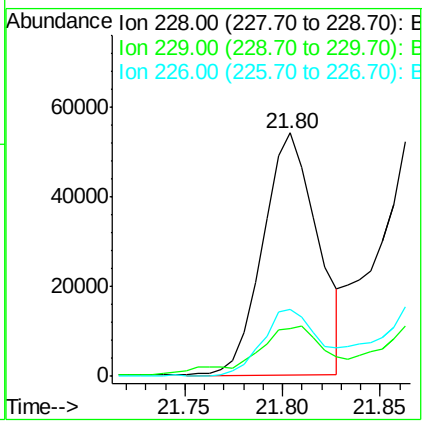


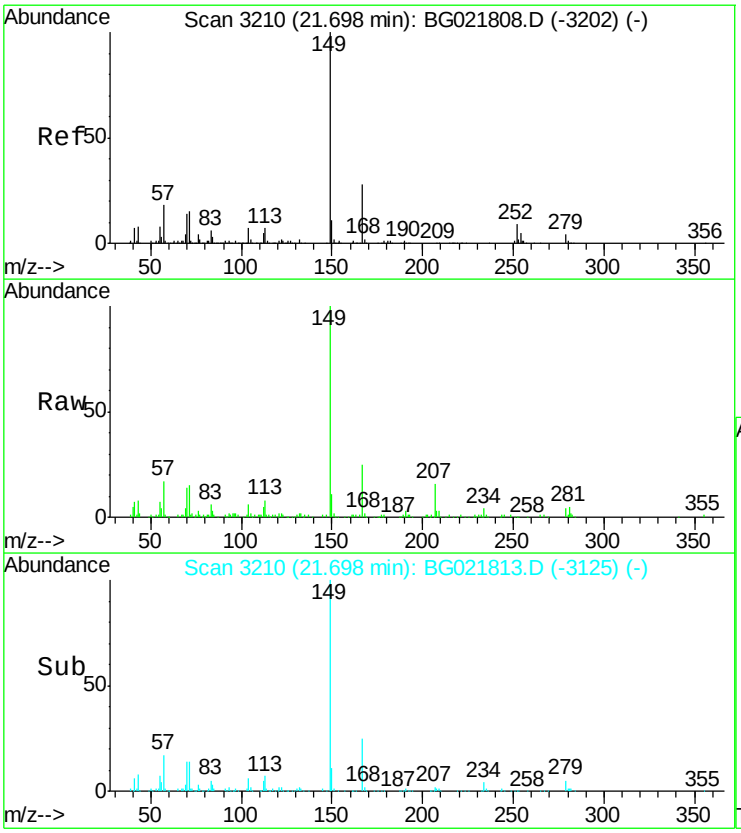
#81
Benzo(a)anthracene
Concen: 7.07 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tgt Ion:228 Resp: 105346

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.6	25.0
226	27.5	21.0	31.4

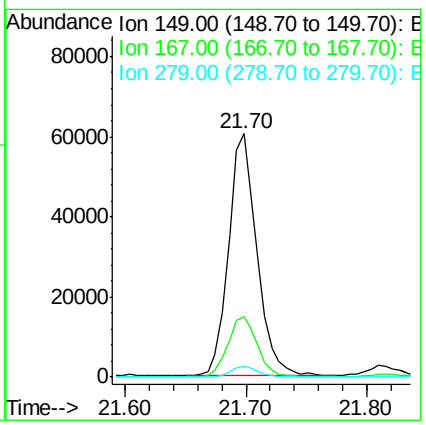


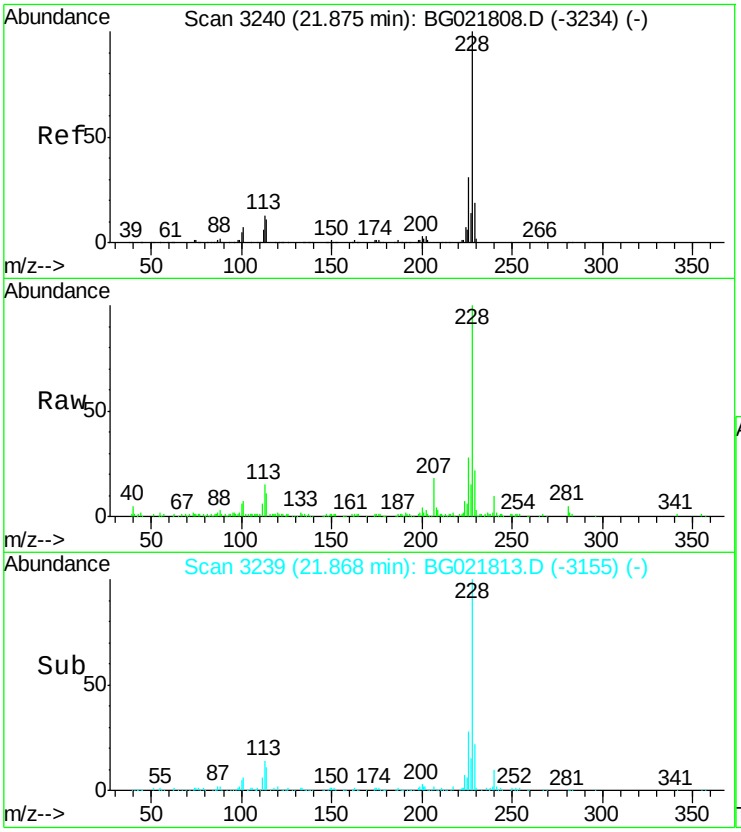


#82
Bis(2-ethylhexyl)phthalate
Concen: 17.60 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion:149 Resp: 98412

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.5	30.7
279	4.5	3.7	5.5



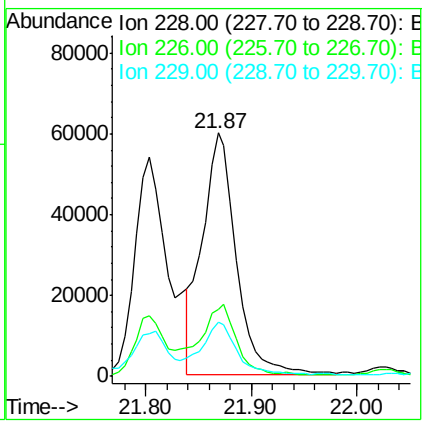


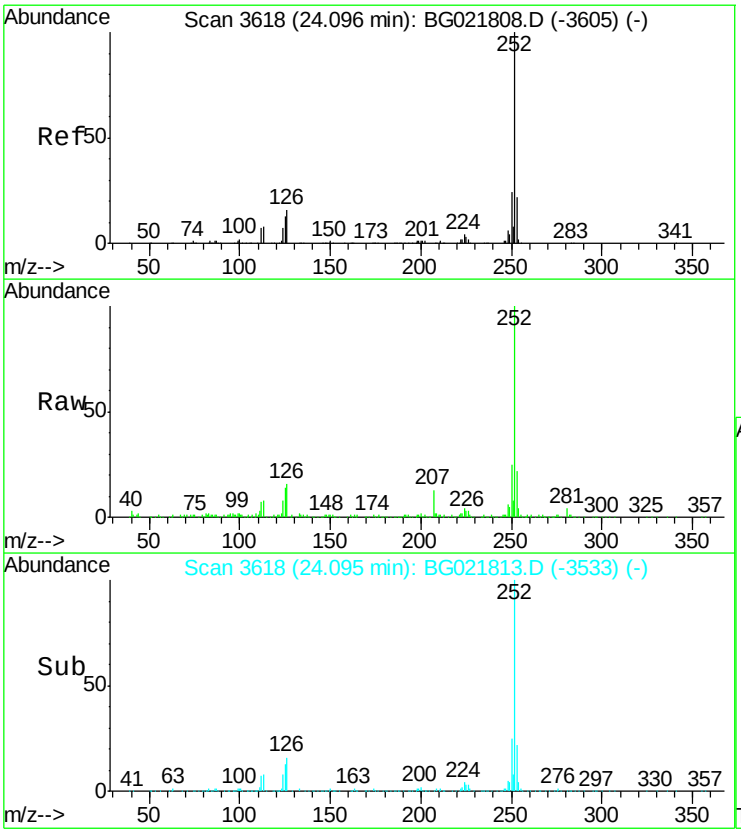
#83
Chrysene
Concen: 9.14 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tgt Ion:228 Resp: 134736

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	22.4	16.2	24.2

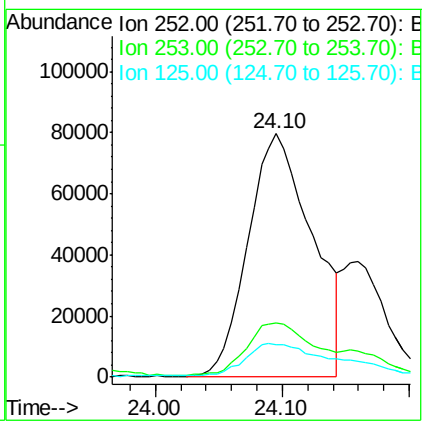


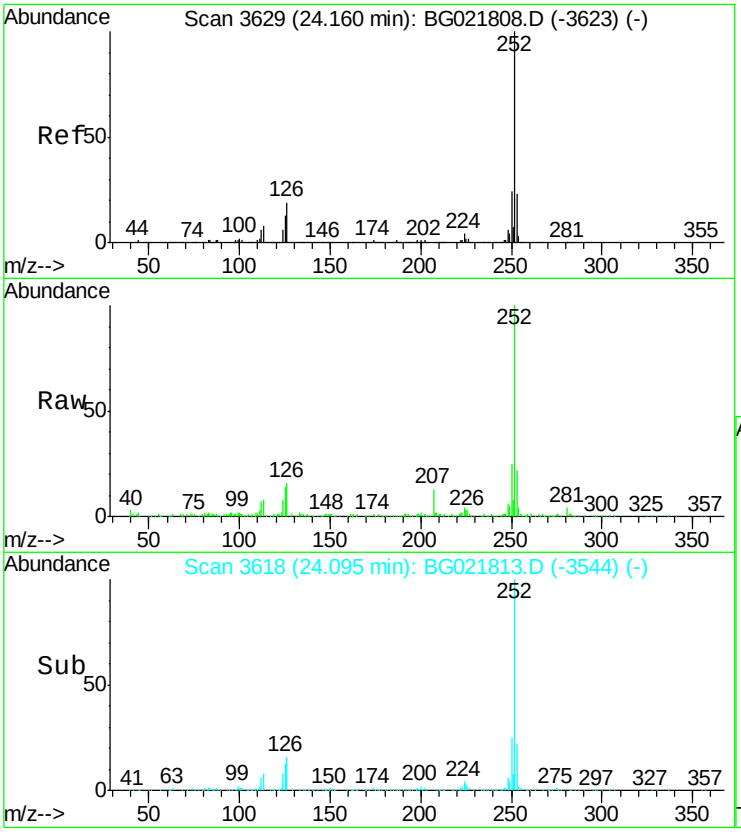


#86
Benzo(b)fluoranthene
Concen: 19.45 ng/ul
RT: 24.10 min Scan# 3618
Delta R.T. -0.00 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion:252 Resp: 278446

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.6	7.6	11.4#



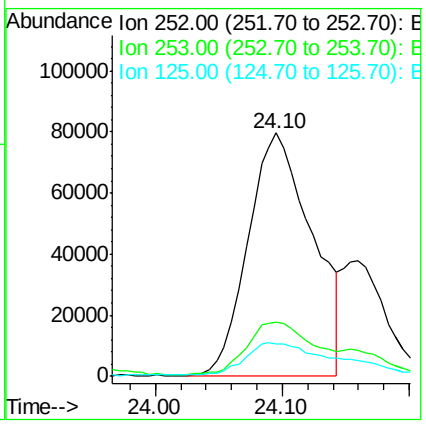


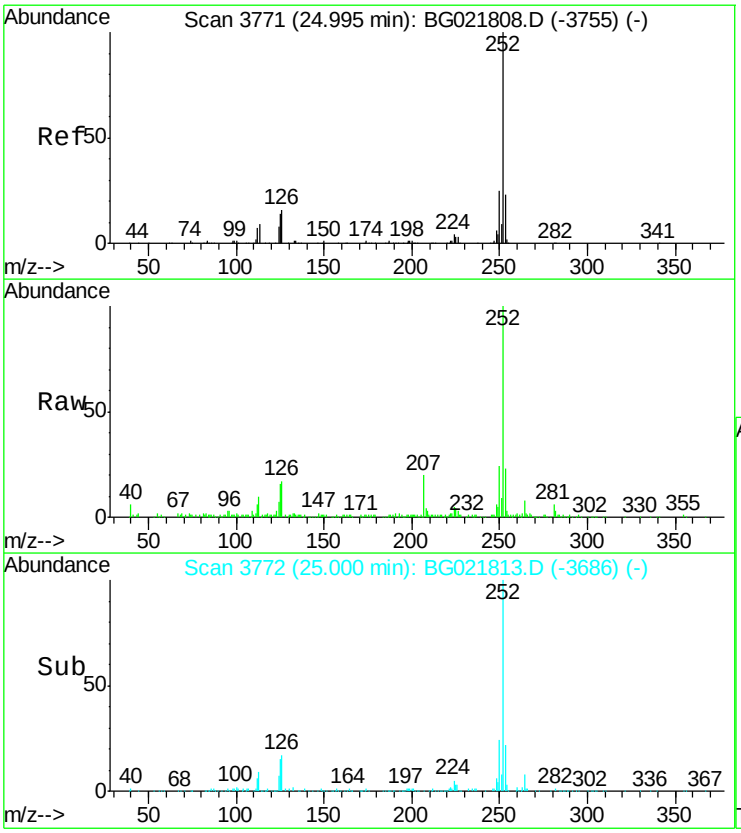
#87
Benzo(k)fluoranthene
Concen: 18.17 ng/ul
RT: 24.10 min Scan# 3618
Delta R.T. -0.07 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tgt Ion:252 Resp: 278446

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	13.6	7.7	11.5#

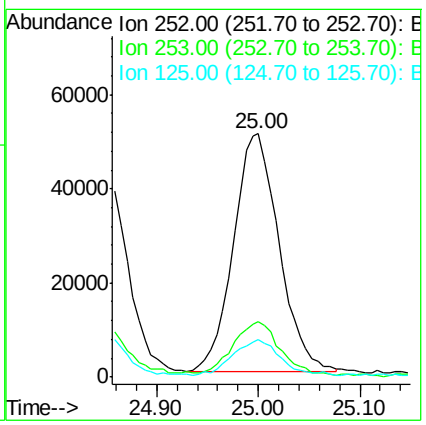


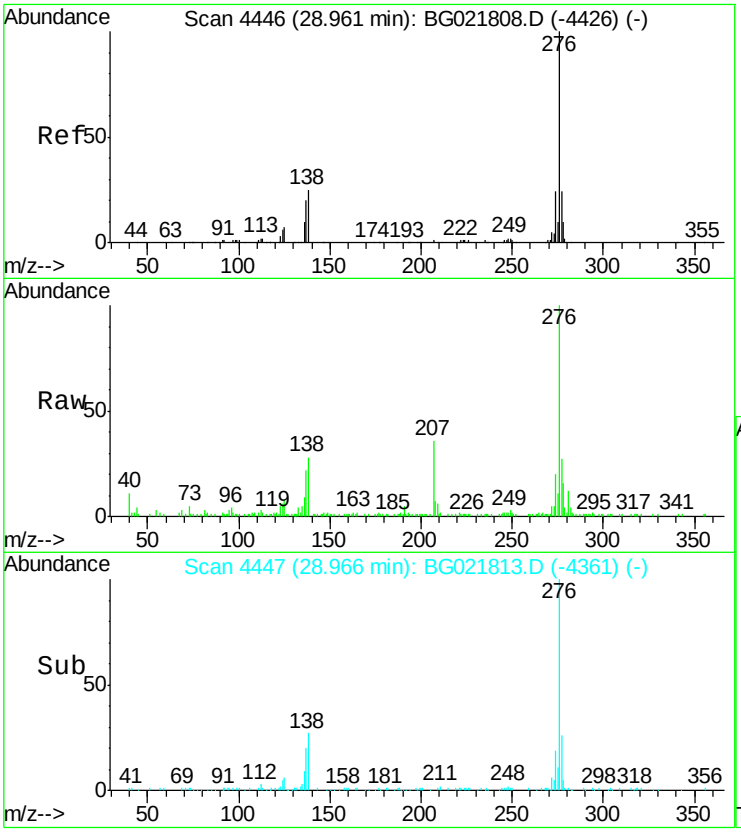


#89
Benzo(a)pyrene
Concen: 11.02 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion:252 Resp: 157101

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	15.6	8.2	12.2#



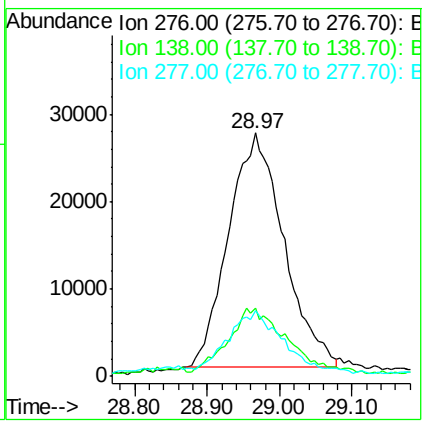


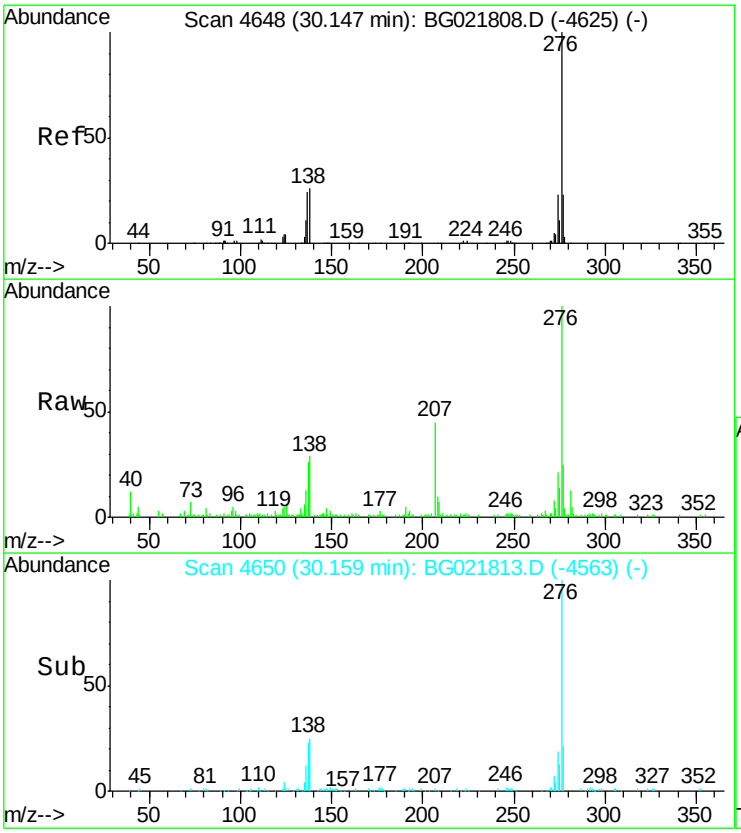
#90
Indeno(1,2,3-cd)pyrene
Concen: 8.41 ng/ul
RT: 28.97 min Scan# 4447
Delta R.T. 0.01 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Instrument :
BNA_G
ClientSampleId :
D9XA1

Tgt Ion:276 Resp: 141953

Ion	Ratio	Lower	Upper
276	100		
138	27.9	15.8	23.6#
277	26.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 9.55 ng/ul
RT: 30.16 min Scan# 4650
Delta R.T. 0.01 min
Lab File: BG021813.D
Acq: 10 May 2016 12:44

Tgt Ion:276 Resp: 133176

Ion	Ratio	Lower	Upper
276	100		
138	29.1	13.9	20.9#
277	24.9	19.8	29.6