Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021851.D
Acq On : 11 May 2016 19:40
Operator : UM/SJ
Sample : H2937-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9X96

Quant Time: May 12 07:32:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	89967	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	447207	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	259960	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	520780	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	501793	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	511772	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4997	2.68	ng/uL	0.00
5) Phenol-d5	7.33	99	116681	17.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	54628	16.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	106108	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	103249	18.41	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	50305	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	54592	29.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	104931	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.34	131	135	0.02	ng/ul	0.21
44) Dimethylphthalate-d6	14.20	166	320093	17.53	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	440059	16.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	38904	12.43	ng/ul	0.00
58) Fluorene-d10	15.79	176	291289	15.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	36106	25.03	ng/ul	0.00
71) Anthracene-d10	17.64	188	397079	15.66	ng/ul	0.00
77) Pyrene-d10	19.92	212	408810	17.40	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	397930	16.37	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.70	77	991	1.37	ng/ul	89
45) Dimethylphthalate	14.25	163	42603	2.29	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.84	198	2298	1.46	ng/ul#	83
70) Phenanthrene	17.59	178	78242	2.75	ng/ul	96
72) Anthracene	17.59	178	78242	2.71	ng/ul	97
74) Di-n-butylphthalate	18.49	149	34921	1.53	ng/ul#	98
75) Fluoranthene	19.59	202	136309	4.21	ng/ul#	95
78) Pyrene	19.59	202	137005	4.72	ng/ul	97
79) Butylbenzylphthalate	20.82	149	6533	1.02	ng/ul	92
81) Benzo(a)anthracene	21.82	228	79917	2.86	ng/ul#	91
82) Bis(2-ethylhexyl)phthalate	21.70	149	41235	3.94	ng/ul#	99
83) Chrysene	21.88	228	73263	2.65	ng/ul#	90
86) Benzo(b)fluoranthene	24.11	252	122103	4.17	ng/ul#	88
87) Benzo(k)fluoranthene	24.11	252	122103	3.89	ng/ul#	88
89) Benzo(a)pyrene	25.03	252	82015	2.81	ng/ul#	84

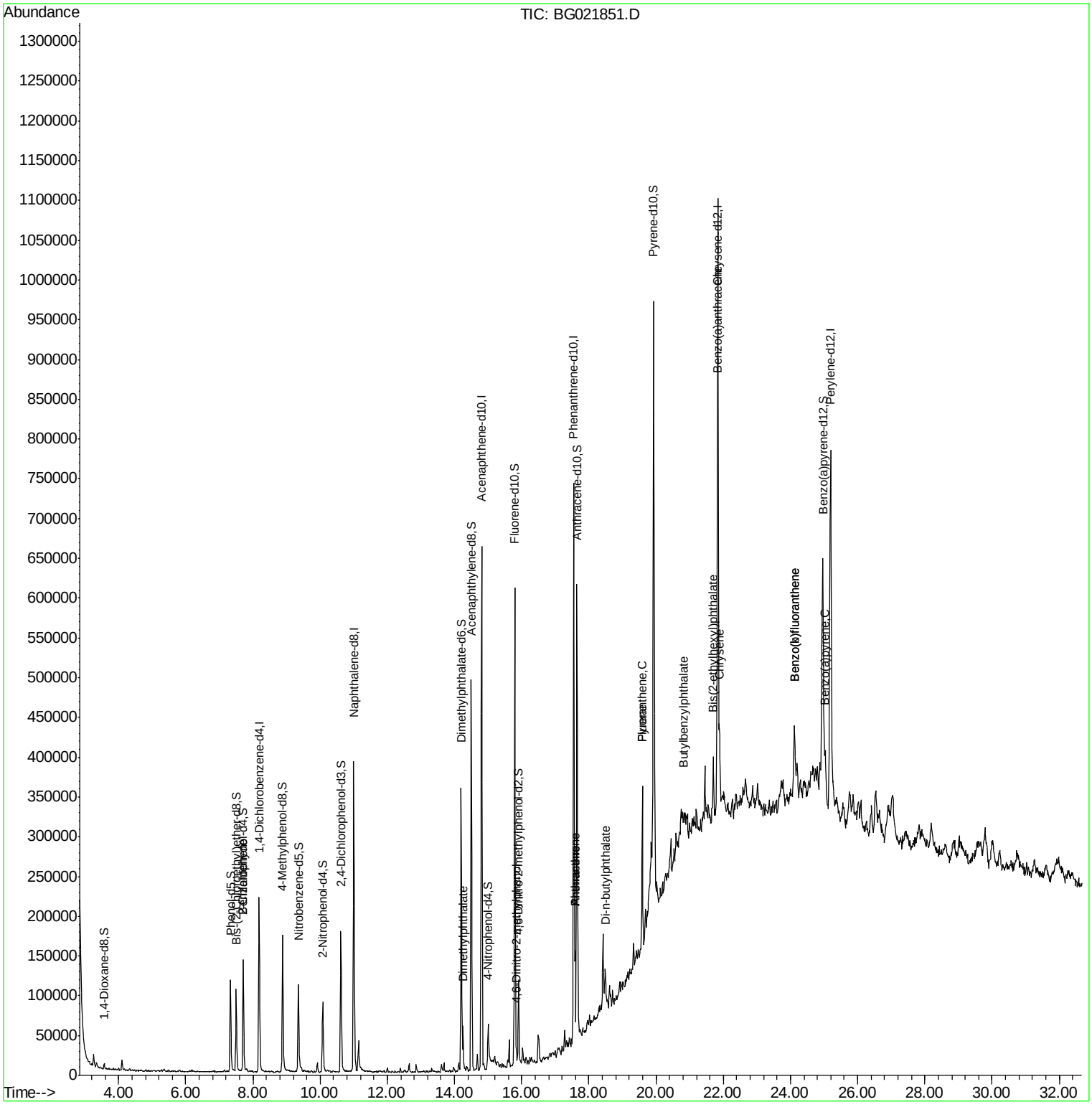
(#) = qualifier out of range (m) = manual integration (+) = signals summed

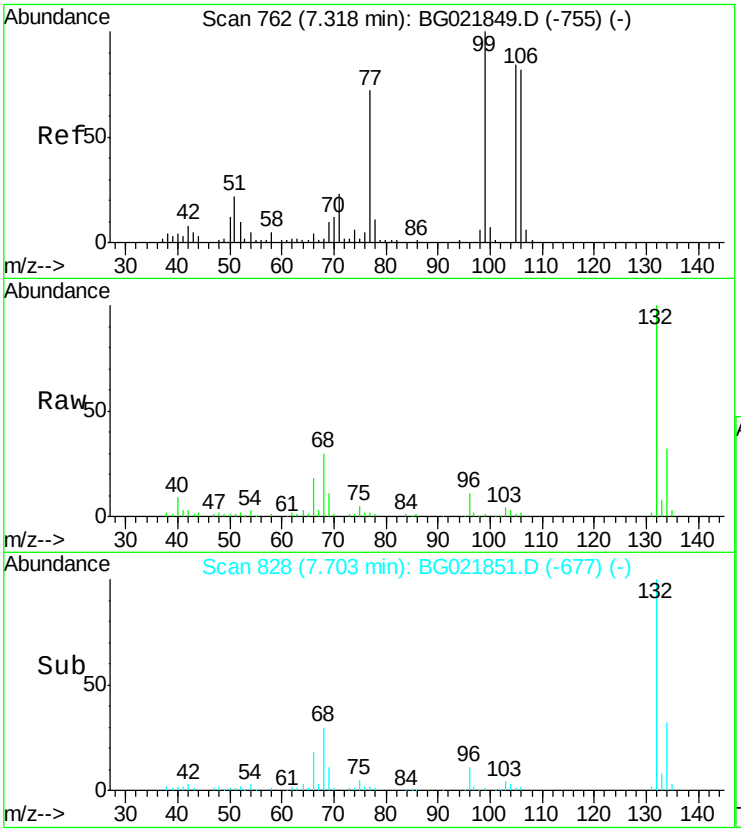
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021851.D
Acq On : 11 May 2016 19:40
Operator : UM/SJ
Sample : H2937-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9X96

Quant Time: May 12 07:32:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration



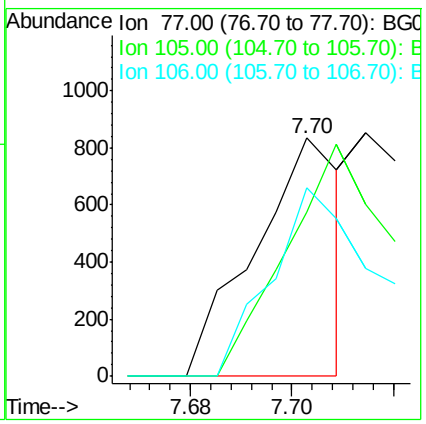


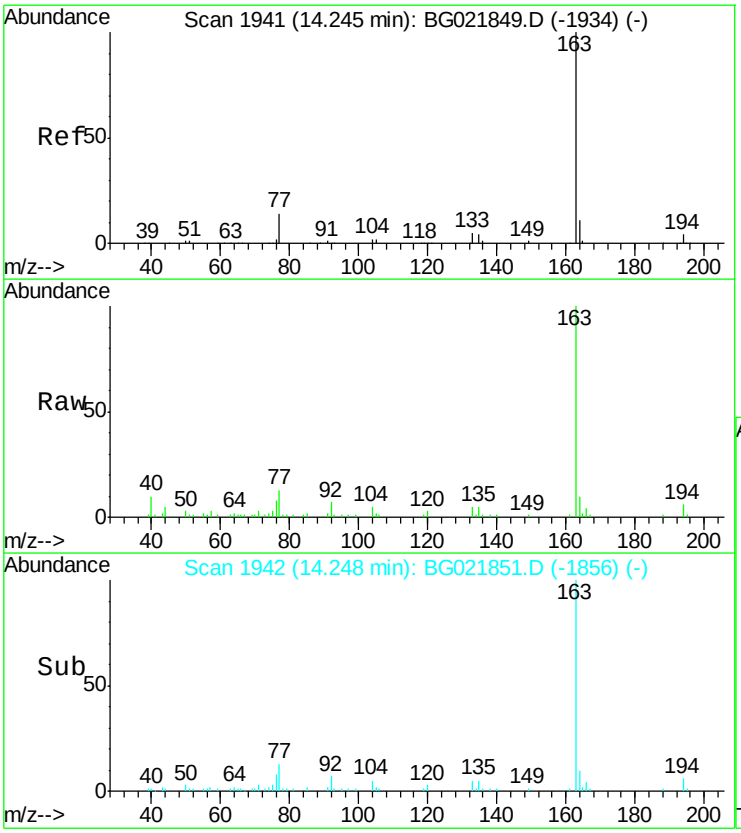
#4
Benzaldehyde
Concen: 1.37 ng/ul
RT: 7.70 min Scan# 828
Delta R.T. 0.38 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tgt Ion: 77 Resp: 991

Ion	Ratio	Lower	Upper
77	100		
105	68.7	68.5	102.7
106	78.9	65.0	97.4

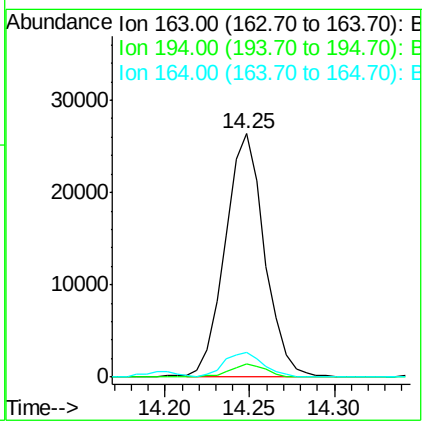


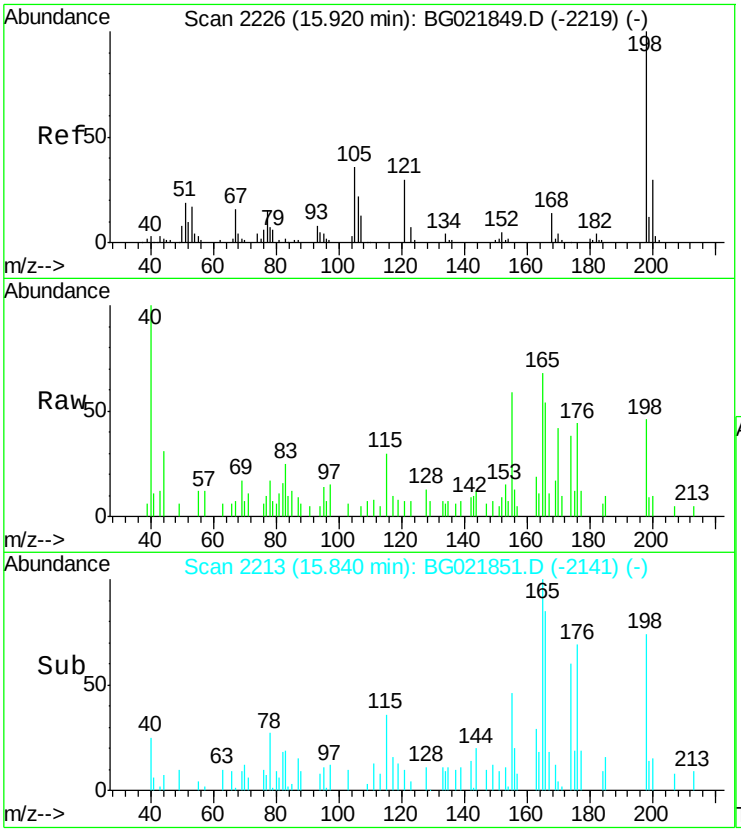


#45
Dimethylphthalate
Concen: 2.29 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion:163 Resp: 42603

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.9	5.9
164	10.2	8.7	13.1



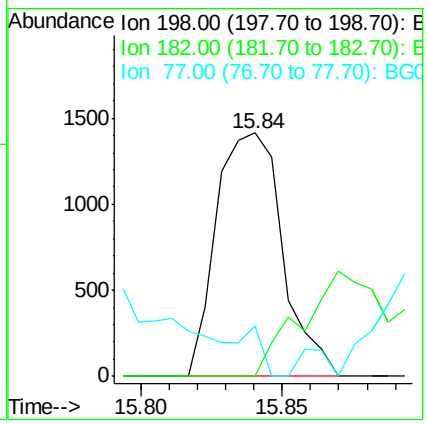


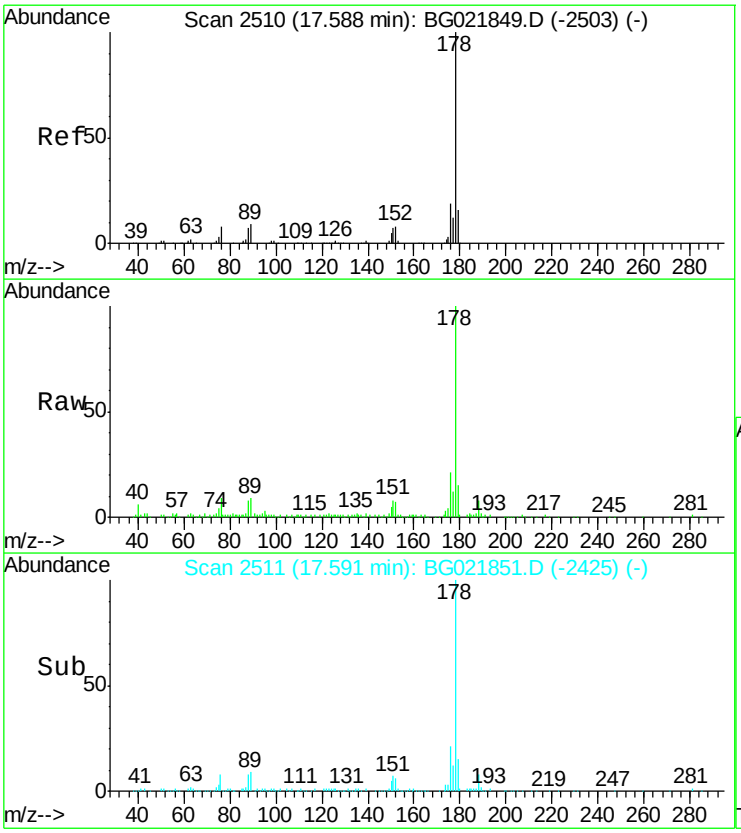
#64
4,6-Dinitro-2-methylphenol
Concen: 1.46 ng/ul
RT: 15.84 min Scan# 2213
Delta R.T. -0.08 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tgt Ion:198 Resp: 2298

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.8#
77	20.6	24.2	36.4#

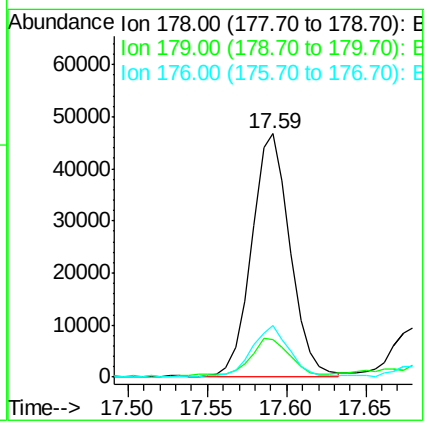


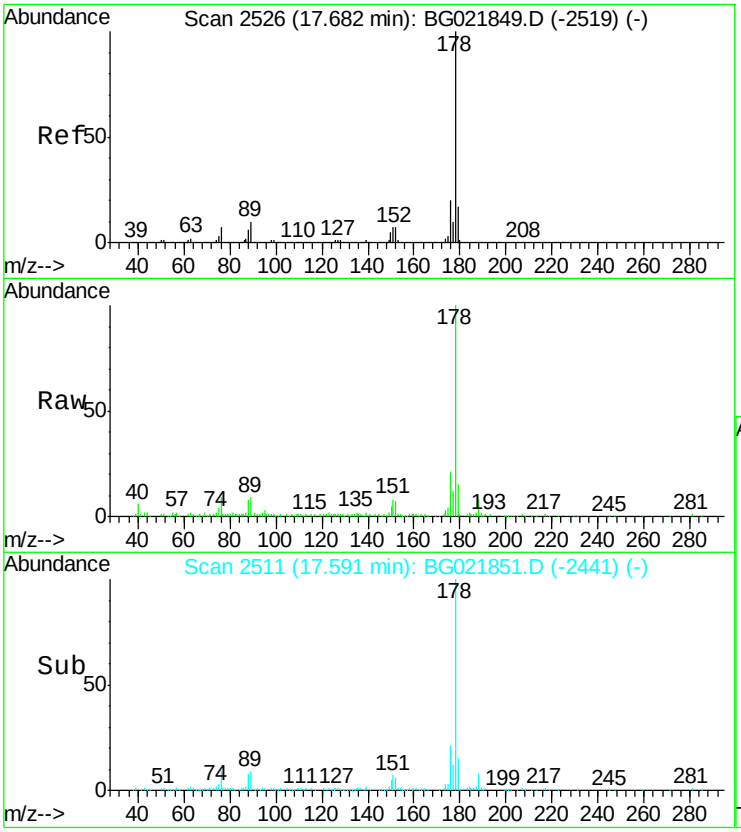


#70
Phenanthrene
Concen: 2.75 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion:178 Resp: 78242

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	21.4	14.8	22.2



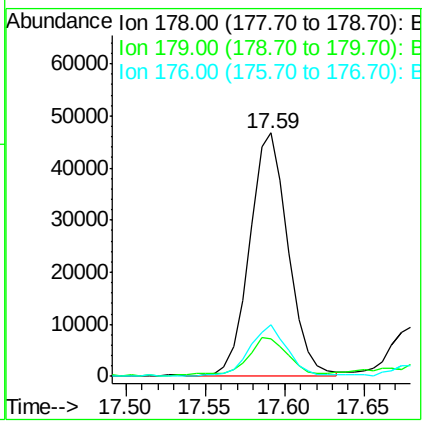


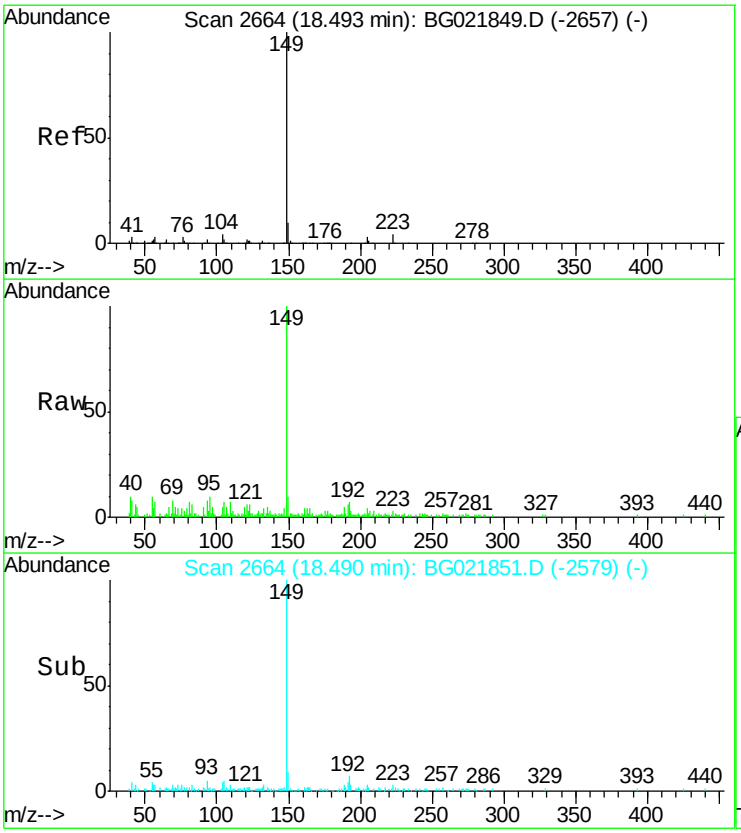
#72
Anthracene
Concen: 2.71 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.09 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tgt Ion:178 Resp: 78242

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	21.4	15.6	23.4

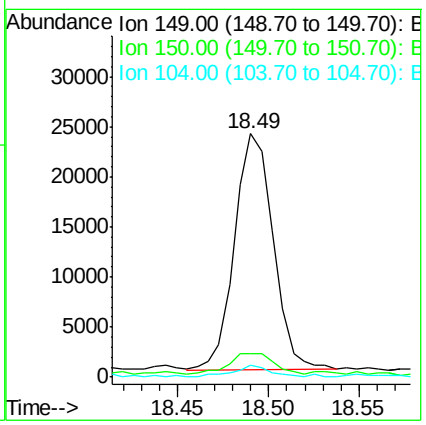


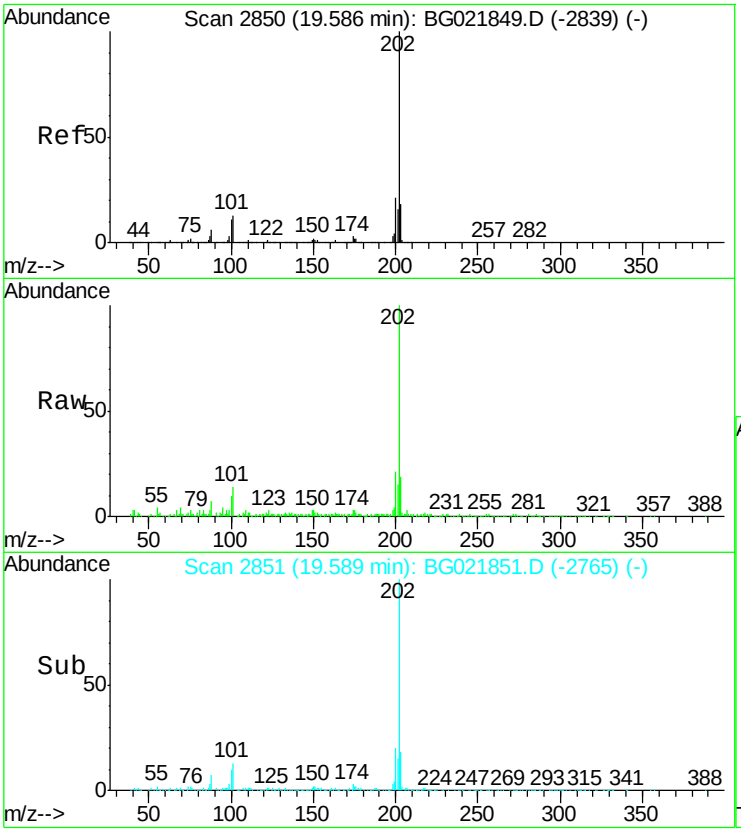


#74
Di-n-butylphthalate
Concen: 1.53 ng/ul
RT: 18.49 min Scan# 2664
Delta R.T. -0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion:149 Resp: 34921

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.1	5.4	8.2#



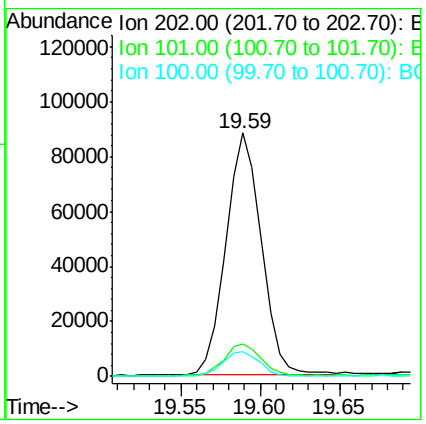


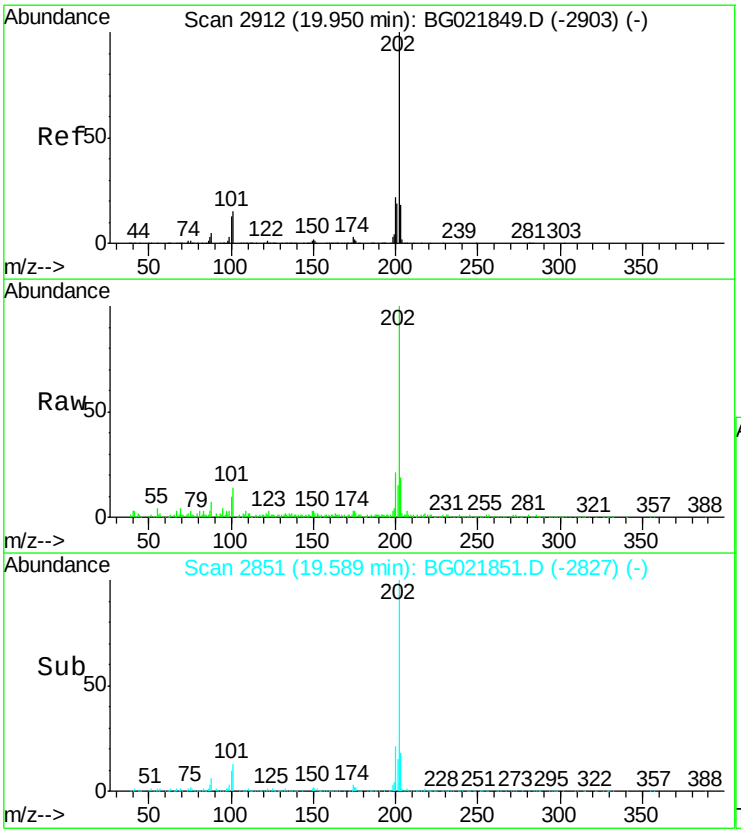
#75
Fluoranthene
Concen: 4.21 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tgt Ion:202 Resp: 136309

Ion	Ratio	Lower	Upper
202	100		
101	13.5	8.9	13.3#
100	10.3	7.0	10.4

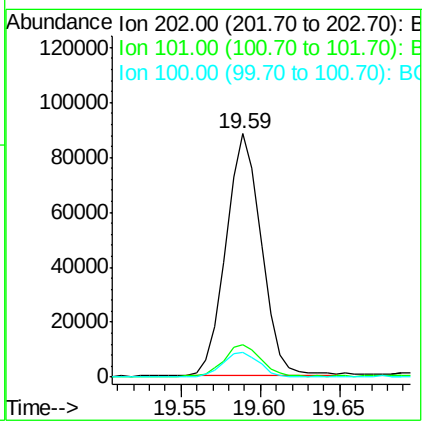


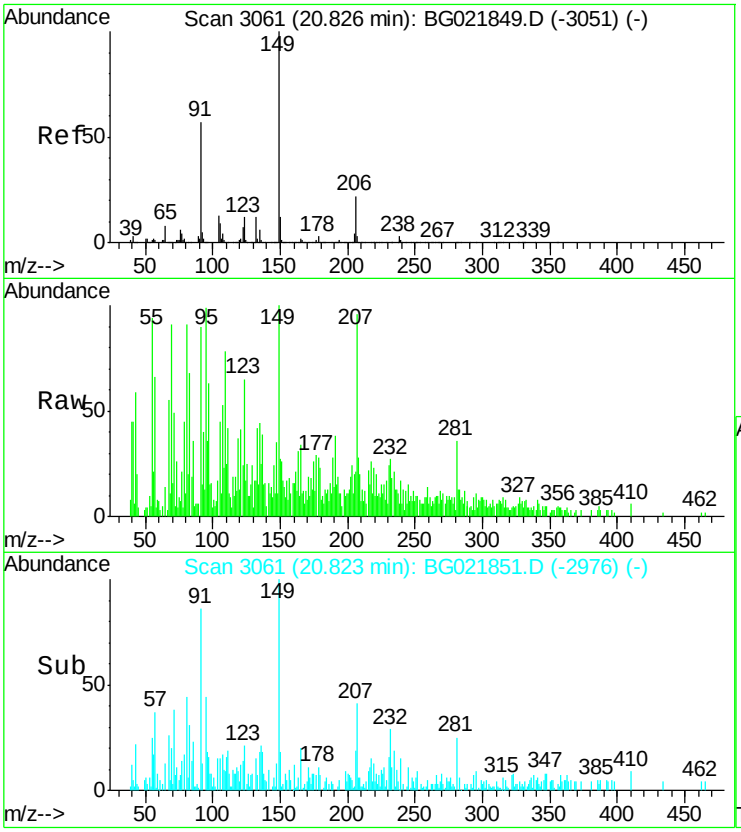


#78
Pyrene
Concen: 4.72 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.36 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion:202 Resp: 137005

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.8
100	10.3	9.3	13.9



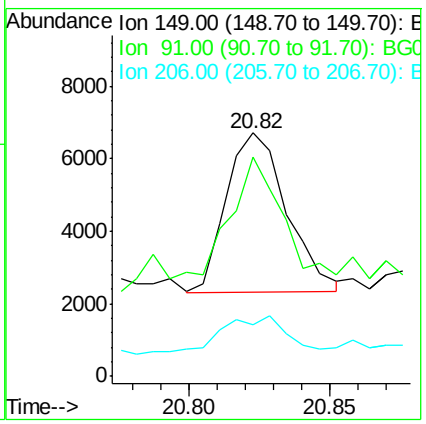


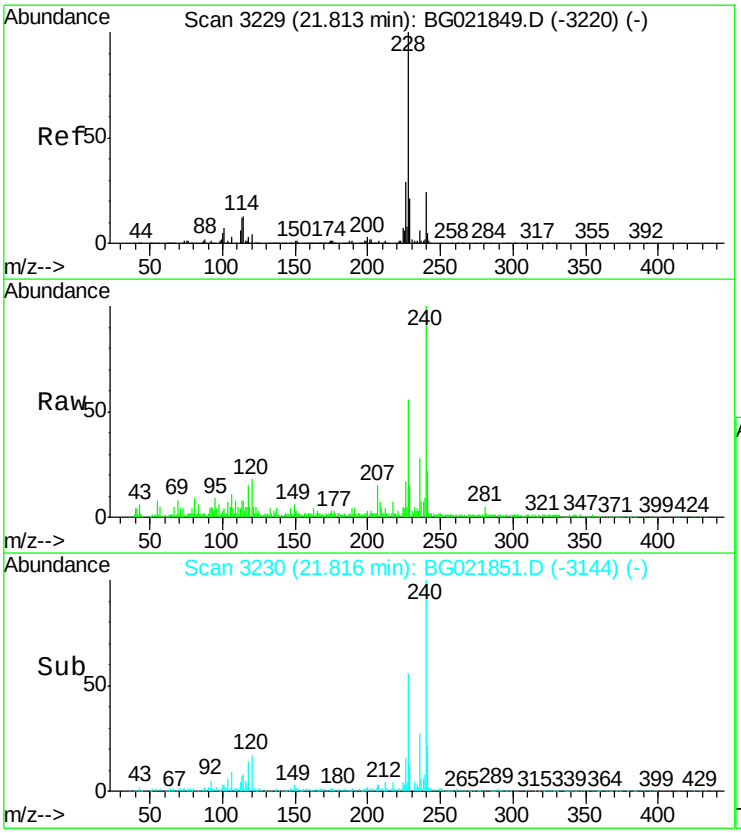
#79
Butylbenzylphthalate
Concen: 1.02 ng/ul
RT: 20.82 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tgt Ion:149 Resp: 6533

Ion	Ratio	Lower	Upper
149	100		
91	89.9	65.8	98.8
206	21.3	15.5	23.3

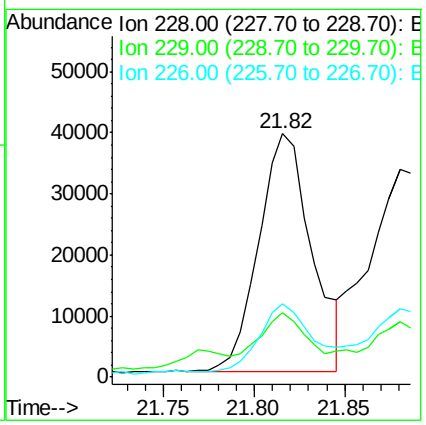


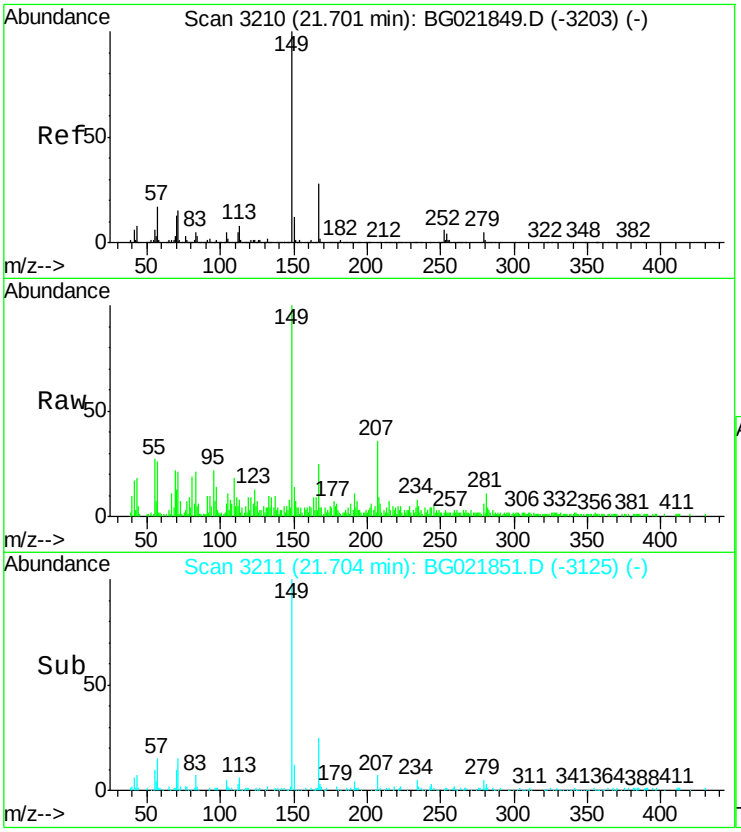


#81
Benzo(a)anthracene
Concen: 2.86 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion:228 Resp: 79917

Ion	Ratio	Lower	Upper
228	100		
229	26.2	16.6	25.0#
226	30.0	21.0	31.4



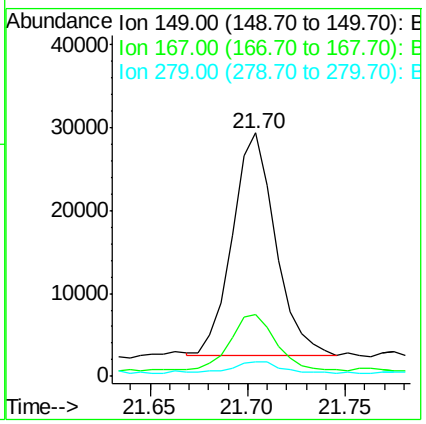


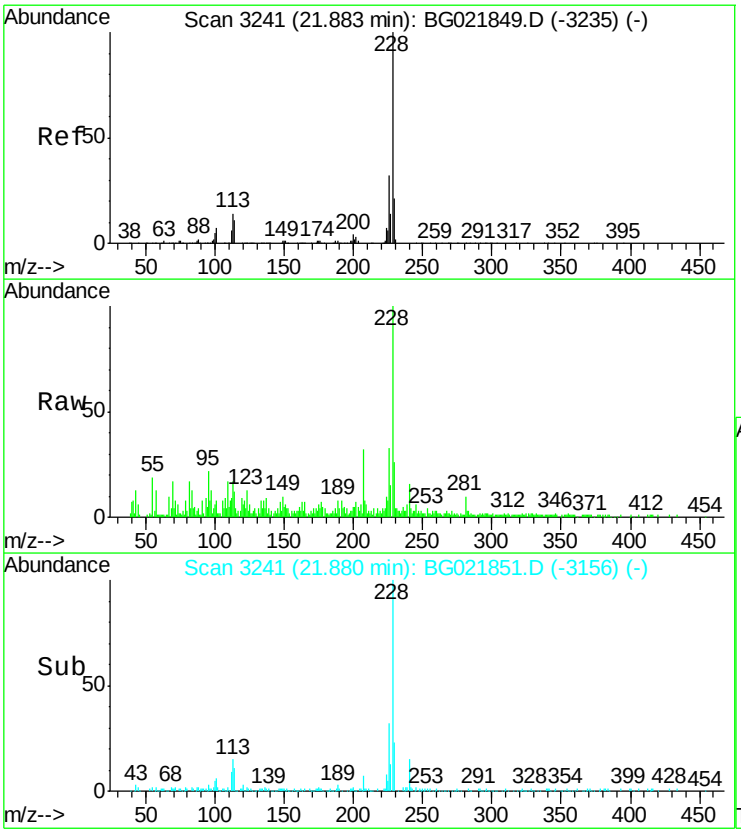
#82
Bis(2-ethylhexyl)phthalate
Concen: 3.94 ng/ul
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tgt Ion:149 Resp: 41235

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.5	30.7
279	6.1	3.7	5.5#

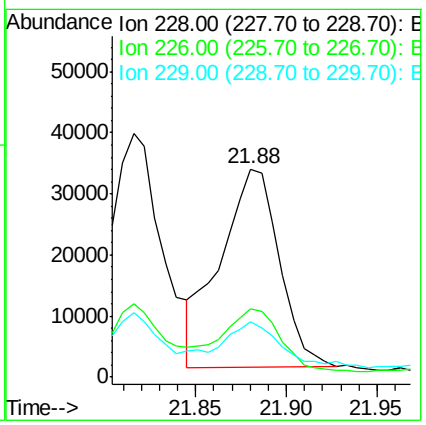


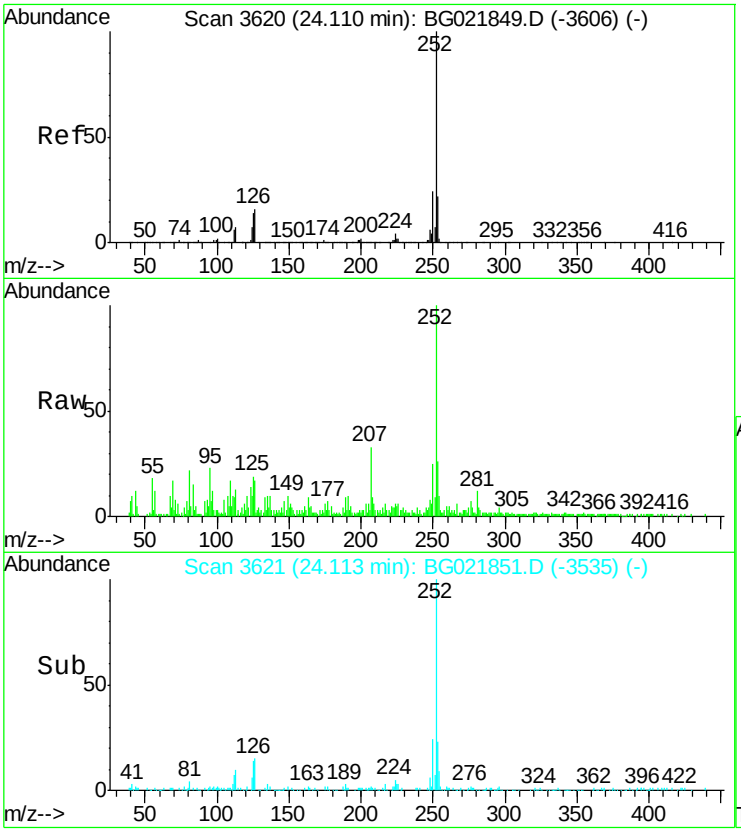


#83
Chrysene
Concen: 2.65 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion:228 Resp: 73263

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.4	35.2
229	26.4	16.2	24.2#



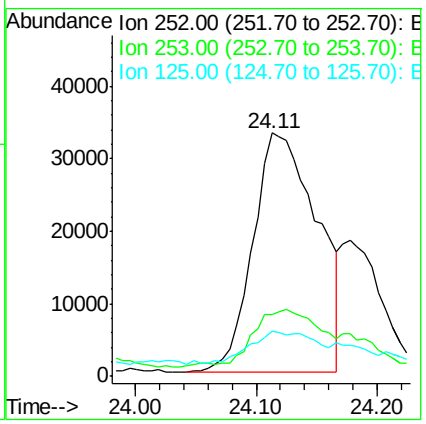


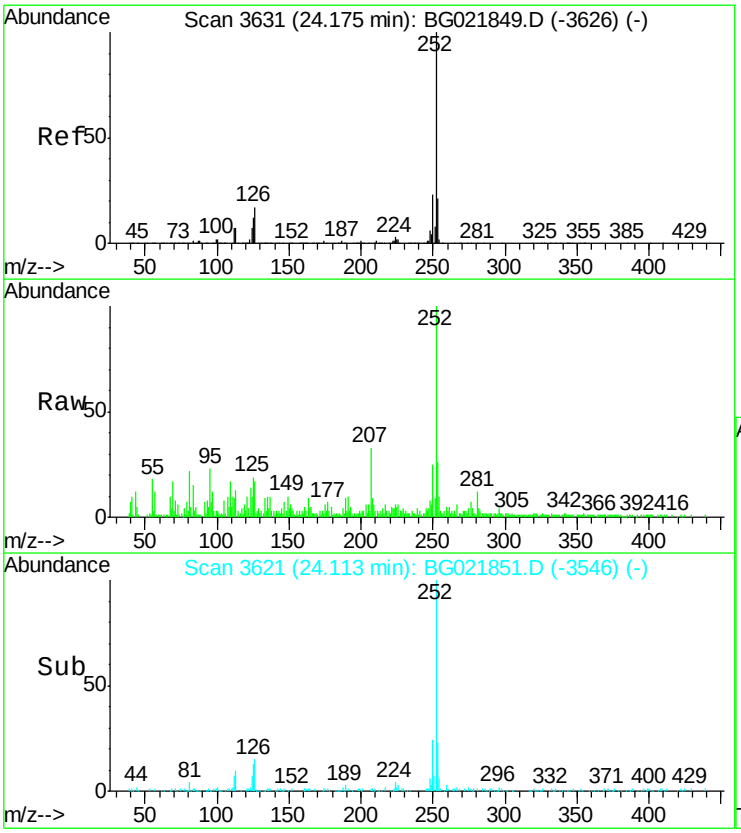
#86
Benzo(b)fluoranthene
Concen: 4.17 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. 0.00 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tgt Ion:252 Resp: 122103

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.1	27.1
125	18.5	7.6	11.4#

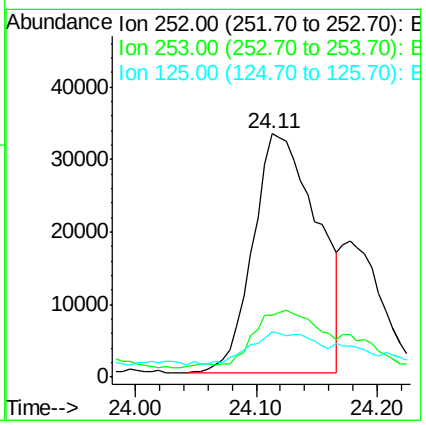


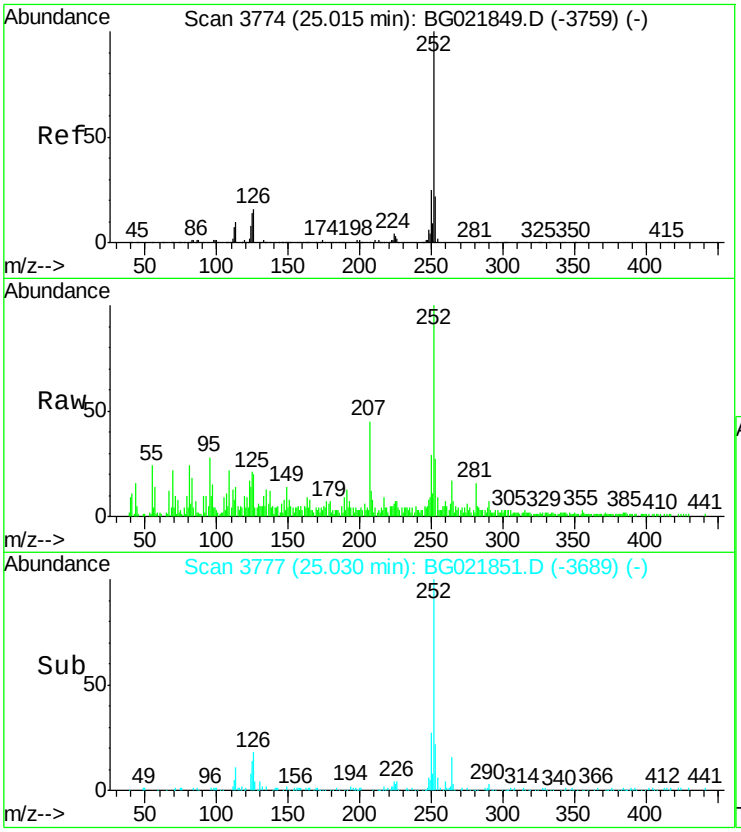


#87
Benzo(k)fluoranthene
Concen: 3.89 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. -0.06 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Tgt Ion:252 Resp: 122103

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.8
125	18.5	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 2.81 ng/ul
RT: 25.03 min Scan# 3777
Delta R.T. 0.01 min
Lab File: BG021851.D
Acq: 11 May 2016 19:40

Instrument :
BNA_G
ClientSampleId :
D9X96

Tgt Ion:252 Resp: 82015

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.4	26.0#
125	20.6	8.2	12.2#