Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021855.D
Acq On : 11 May 2016 22:21
Operator : UM/SJ
Sample : H2937-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XA0

Quant Time: May 12 07:33:30 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	81563	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	403518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	231839	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	468268	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	451294	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	452617	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4909	2.91	ng/uL	0.00
5) Phenol-d5	7.33	99	103426	17.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	51026	17.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	96045	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	85322	16.78	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	48439	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	53502	31.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	94781	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.36	131	607	0.12	ng/ul	0.23
44) Dimethylphthalate-d6	14.30	166	913	0.06	ng/ul	0.10
47) Acenaphthylene-d8	14.50	160	411195	17.79	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	36933	13.23	ng/ul	0.00
58) Fluorene-d10	15.79	176	274456	16.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	30777	23.73	ng/ul	0.00
71) Anthracene-d10	17.65	188	362722	15.91	ng/ul	0.00
77) Pyrene-d10	19.92	212	395239	18.71	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	362103	16.84	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.72	77	1469	2.23	ng/ul	93
45) Dimethylphthalate	14.25	163	57108	3.44	ng/ul#	97
55) 2,4-Dinitrotoluene	14.81	165	31195	6.88	ng/ul#	26
64) 4,6-Dinitro-2-methylphenol	15.84	198	1856	1.31	ng/ul#	50
70) Phenanthrene	17.59	178	40763	1.59	ng/ul	98
75) Fluoranthene	19.59	202	118081	4.06	ng/ul#	96
78) Pyrene	19.59	202	118207	4.53	ng/ul	99
81) Benzo(a)anthracene	21.82	228	122962	4.90	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	26486	2.81	ng/ul#	92
83) Chrysene	21.88	228	148941	6.00	ng/ul	96
86) Benzo(b)fluoranthene	24.11	252	307911	11.88	ng/ul#	96
87) Benzo(k)fluoranthene	24.11	252	307911	11.10	ng/ul#	95
89) Benzo(a)pyrene	25.02	252	190328	7.38	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	29.02	276	158567	5.19	ng/ul#	91
91) Dibenzo(a,h)anthracene	29.05	278	30168	1.19	ng/ul#	94
92) Benzo(g,h,i)perylene	30.20	276	78518	3.11	ng/ul#	91

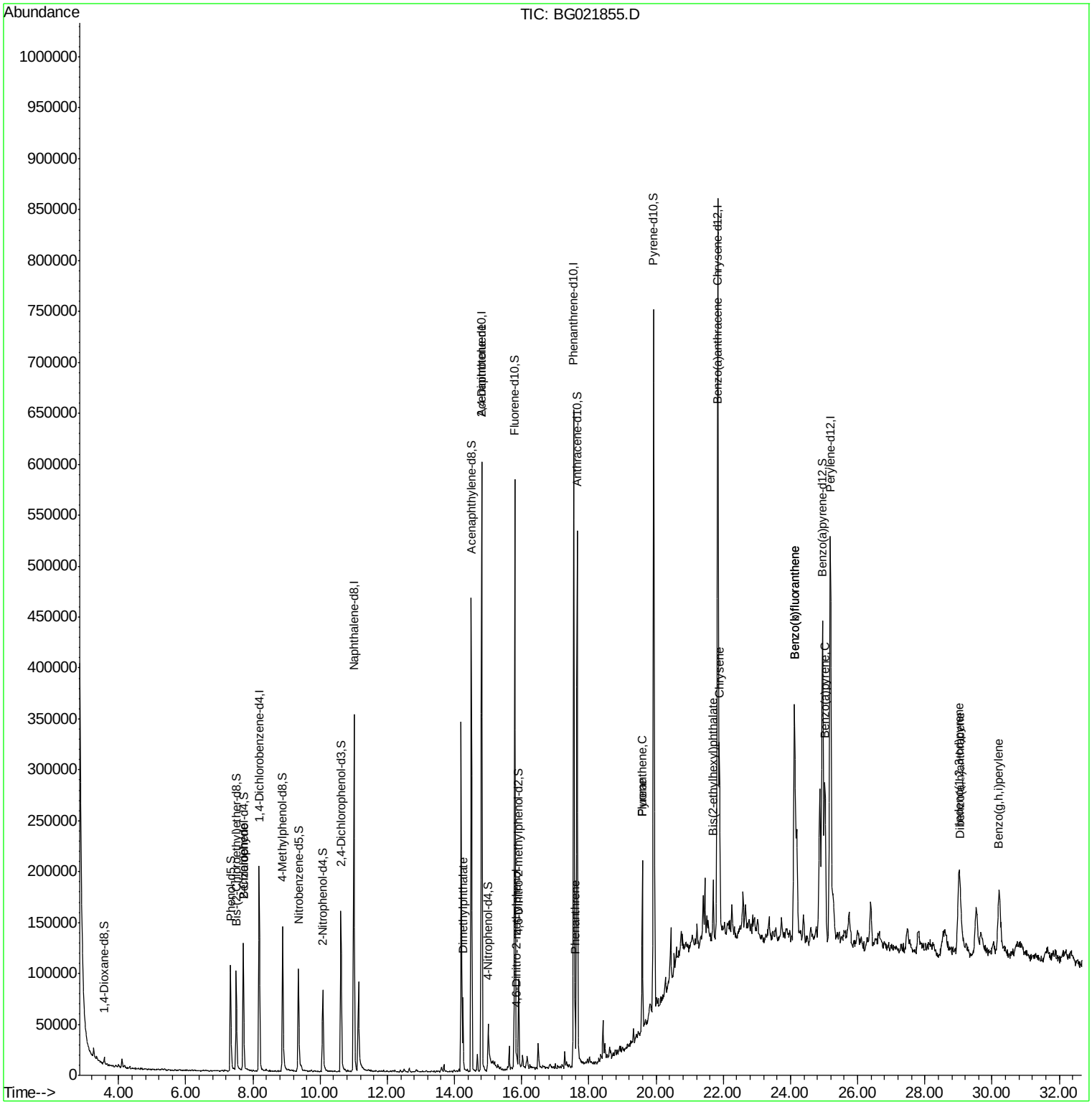
(#) = qualifier out of range (m) = manual integration (+) = signals summed

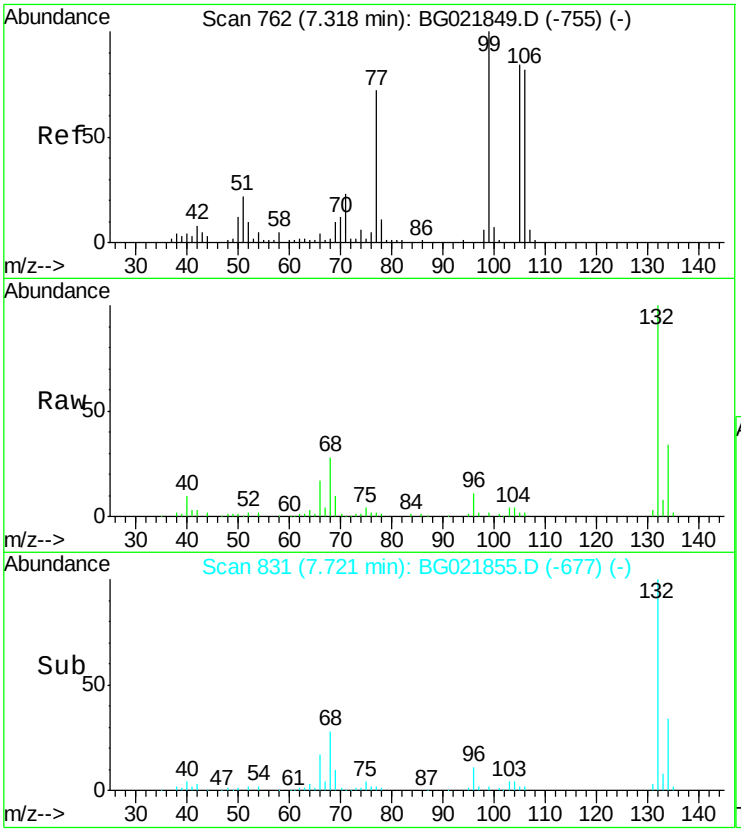
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021855.D
Acq On : 11 May 2016 22:21
Operator : UM/SJ
Sample : H2937-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA0

Quant Time: May 12 07:33:30 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



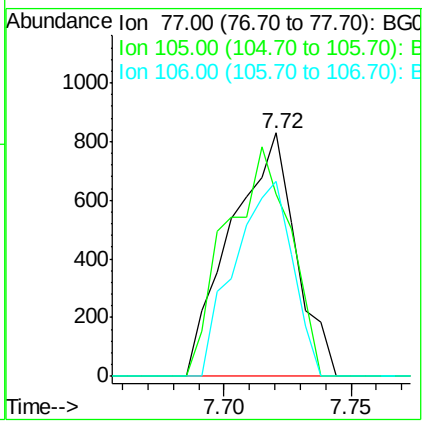


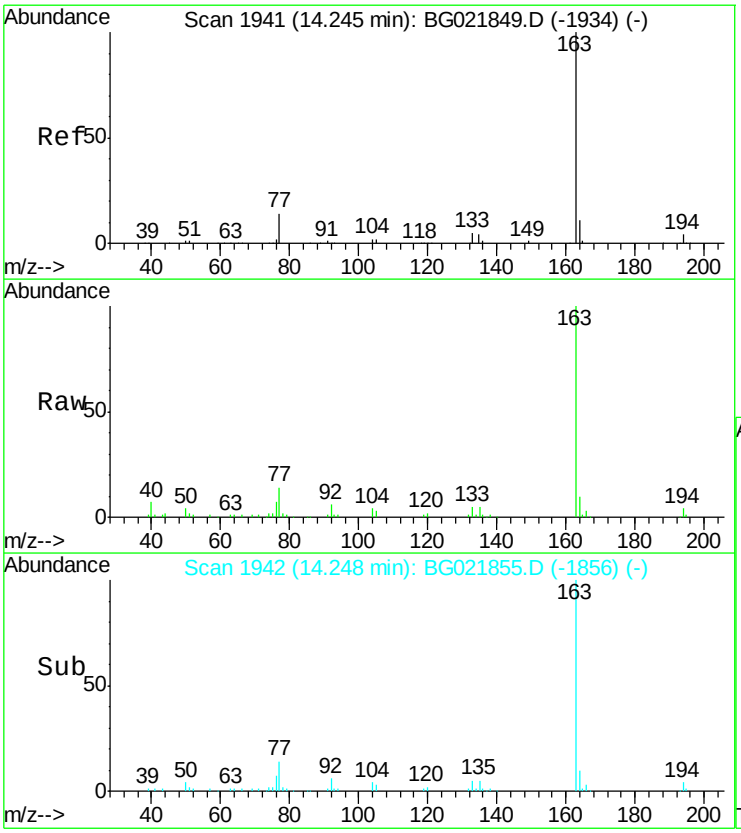
#4
Benzaldehyde
Concen: 2.23 ng/ul
RT: 7.72 min Scan# 831
Delta R.T. 0.40 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tgt Ion: 77 Resp: 1469

Ion	Ratio	Lower	Upper
77	100		
105	74.8	68.5	102.7
106	80.0	65.0	97.4

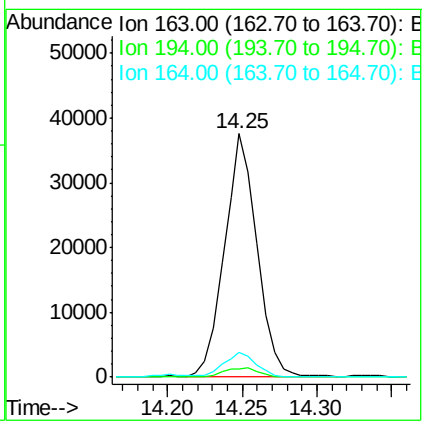


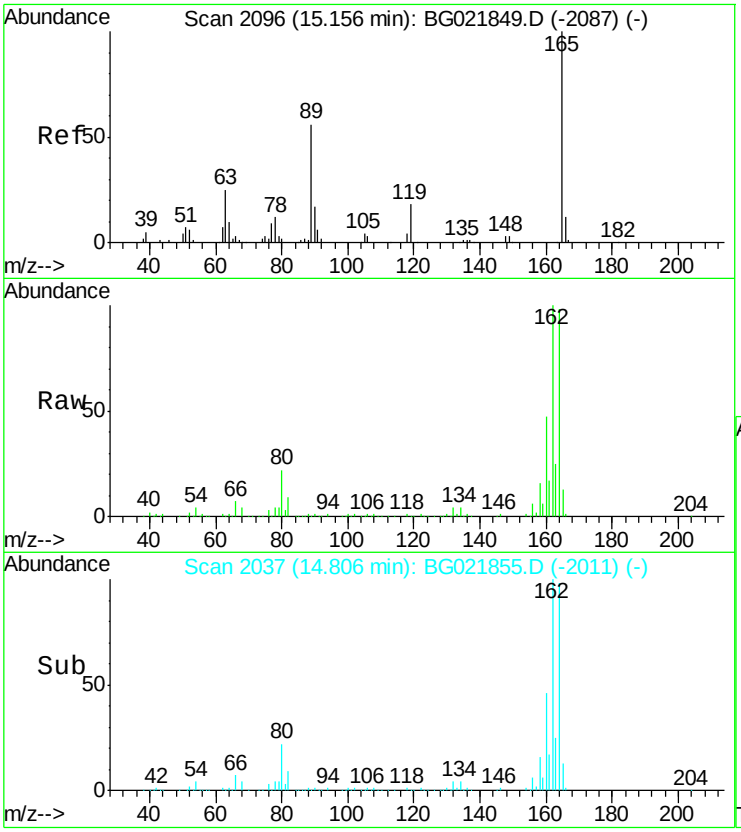


#45
Dimethylphthalate
Concen: 3.44 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion:163 Resp: 57108

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.9	5.9#
164	10.1	8.7	13.1



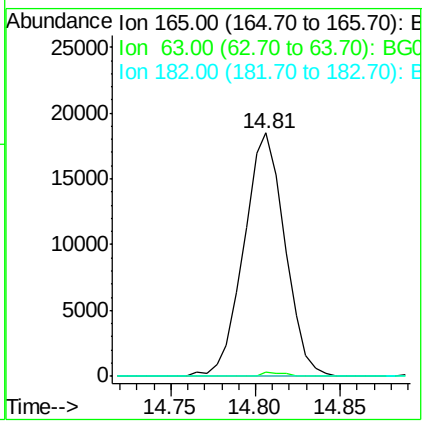


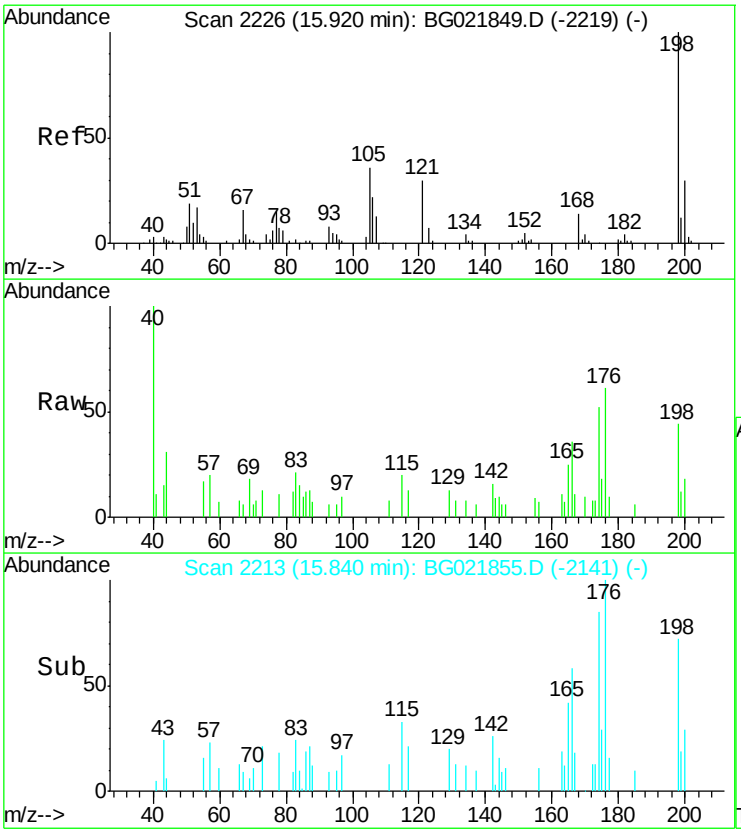
#55
2,4-Dinitrotoluene
Concen: 6.88 ng/ul
RT: 14.81 min Scan# 2037
Delta R.T. -0.35 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tgt Ion:165 Resp: 31195

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.1	72.1#
182	0.0	2.2	3.2#

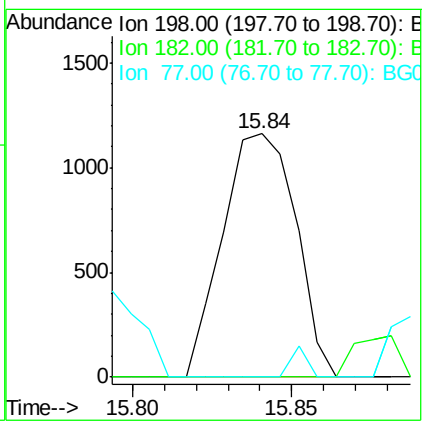


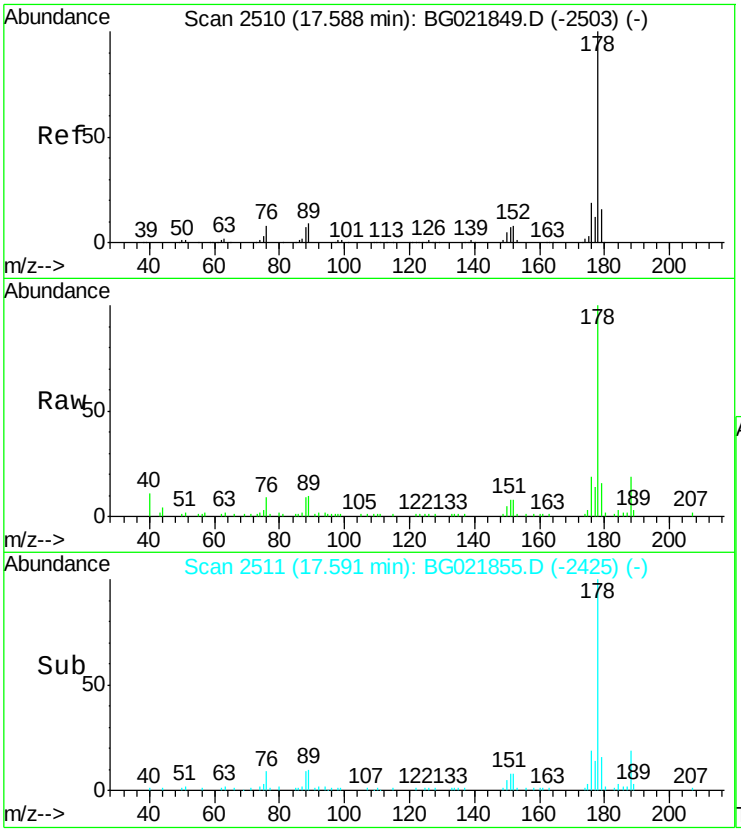


#64
4,6-Dinitro-2-methylphenol
Concen: 1.31 ng/ul
RT: 15.84 min Scan# 2213
Delta R.T. -0.08 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion:198 Resp: 1856

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



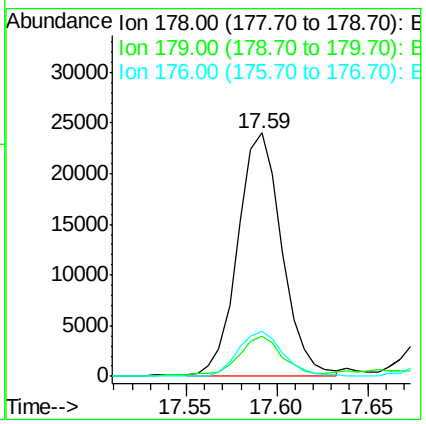


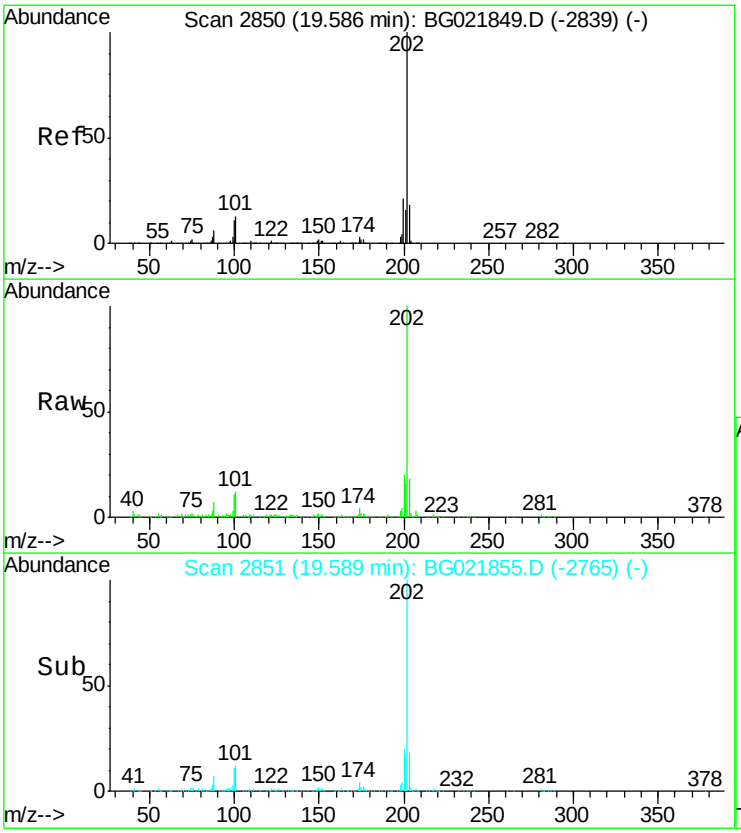
#70
Phenanthrene
Concen: 1.59 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tgt Ion:178 Resp: 40763

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	18.7	14.8	22.2

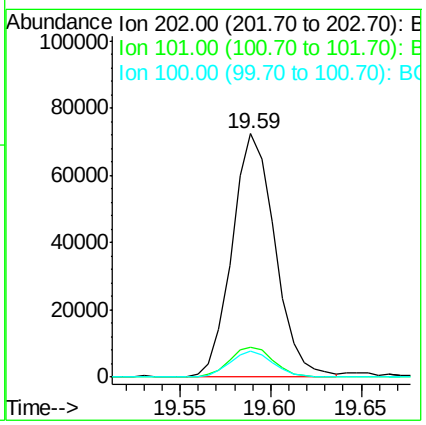


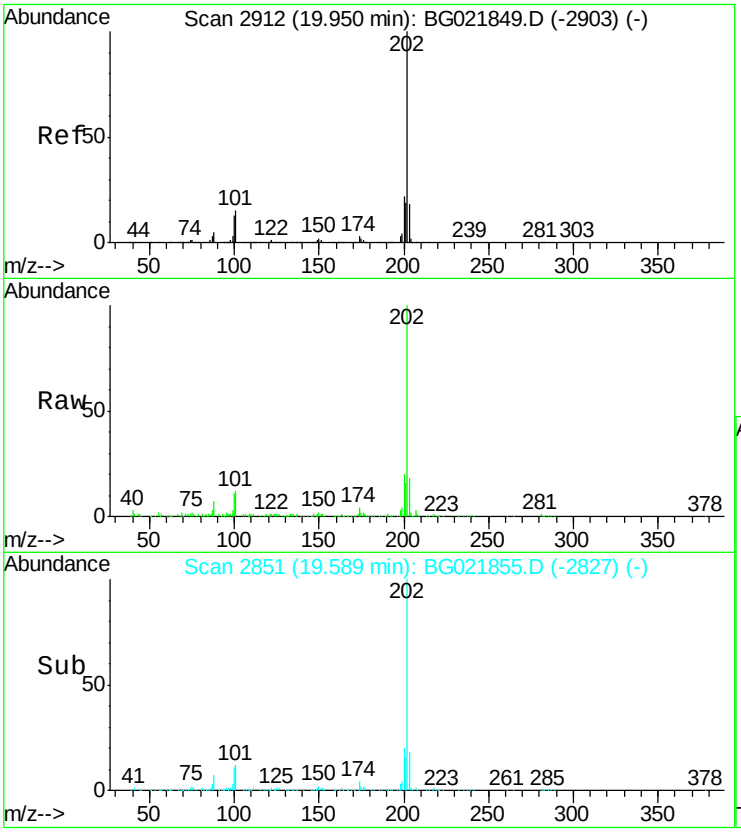


#75
Fluoranthene
Concen: 4.06 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion:202 Resp: 118081

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	10.8	7.0	10.4#



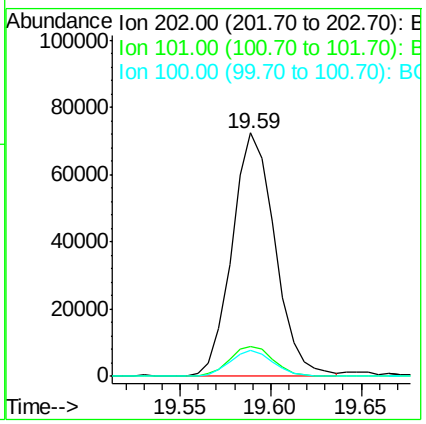


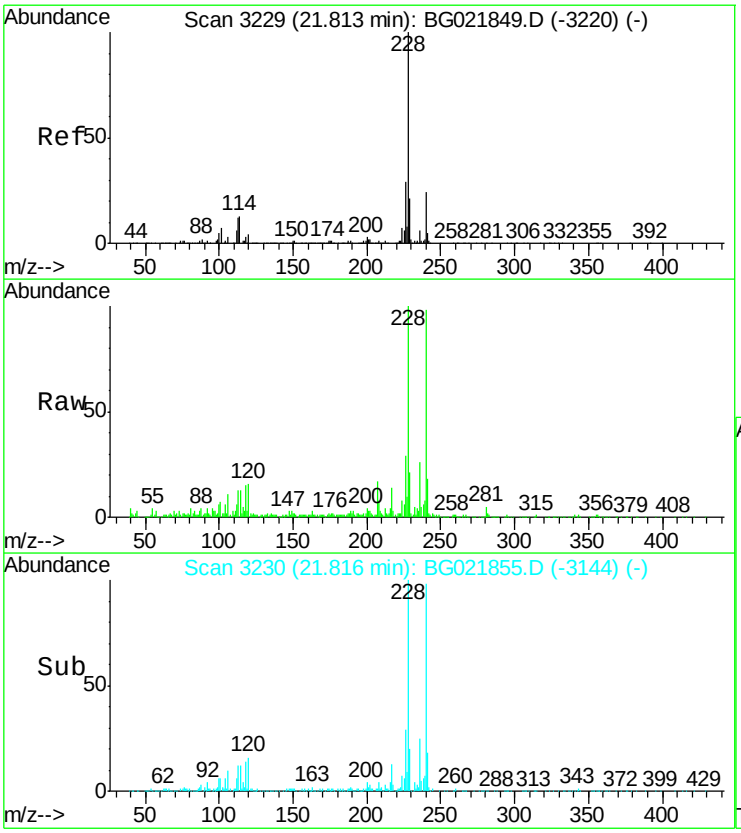
#78
Pyrene
Concen: 4.53 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.36 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tgt Ion:202 Resp: 118207

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
100	10.8	9.3	13.9

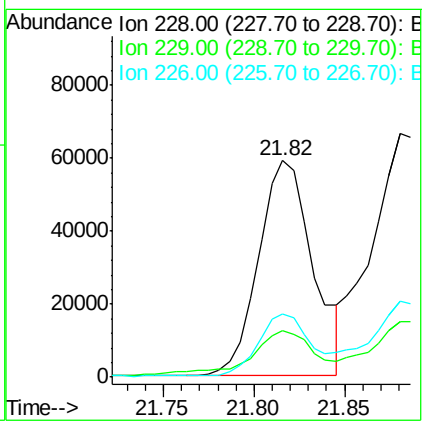


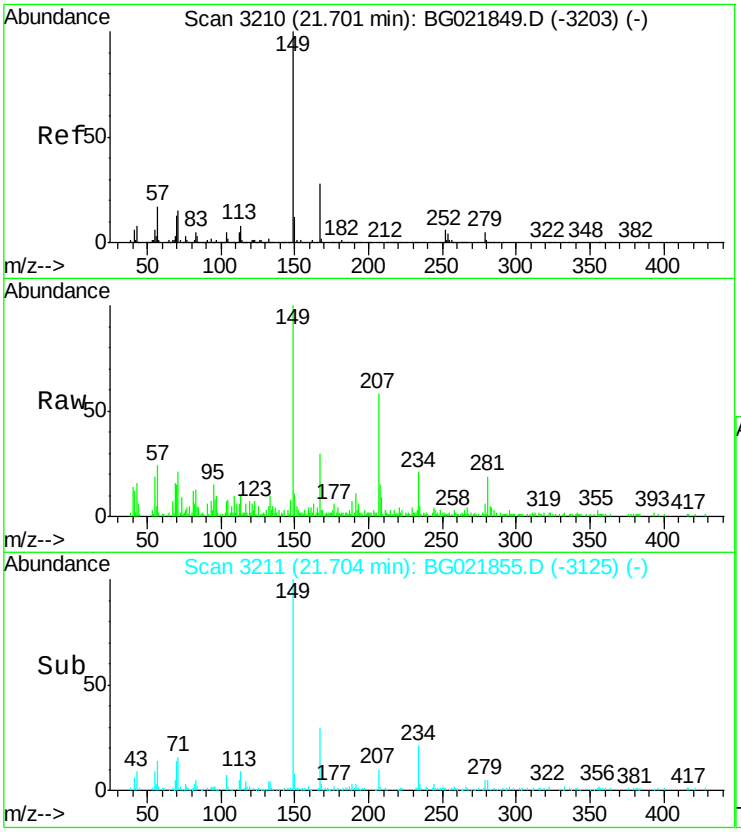


#81
Benzo(a)anthracene
Concen: 4.90 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion:228 Resp: 122962

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	29.0	21.0	31.4



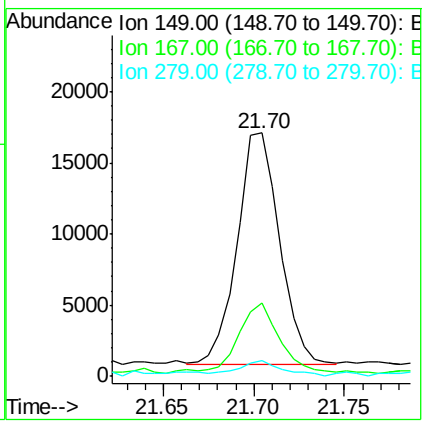


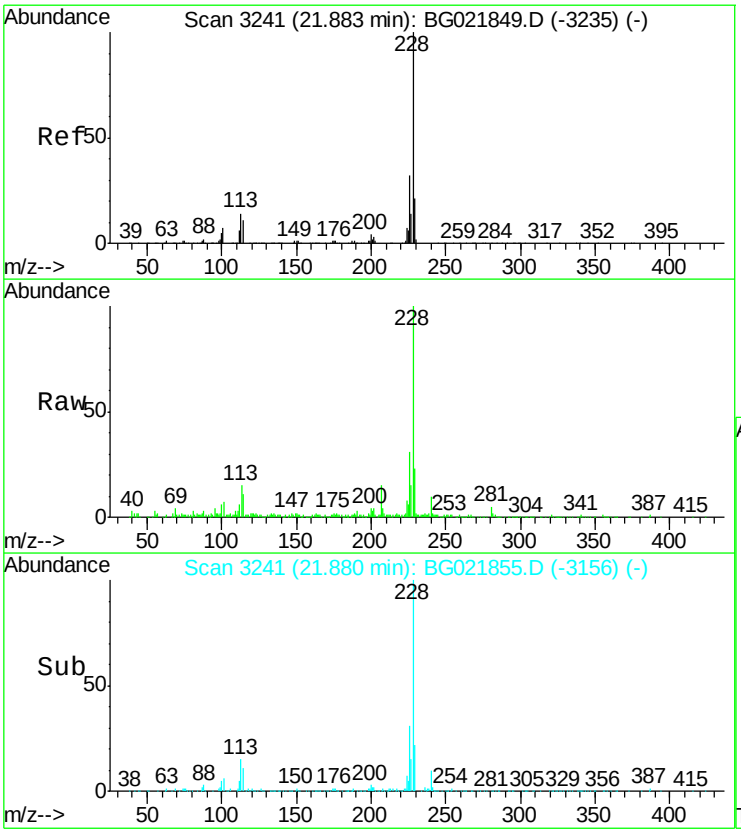
#82
Bis(2-ethylhexyl)phthalate
Concen: 2.81 ng/ul
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tgt Ion:149 Resp: 26486

Ion	Ratio	Lower	Upper
149	100		
167	30.0	20.5	30.7
279	6.4	3.7	5.5#

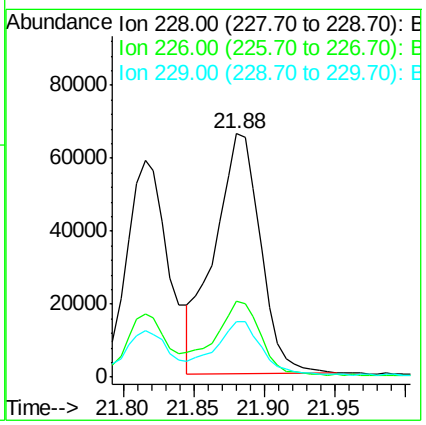


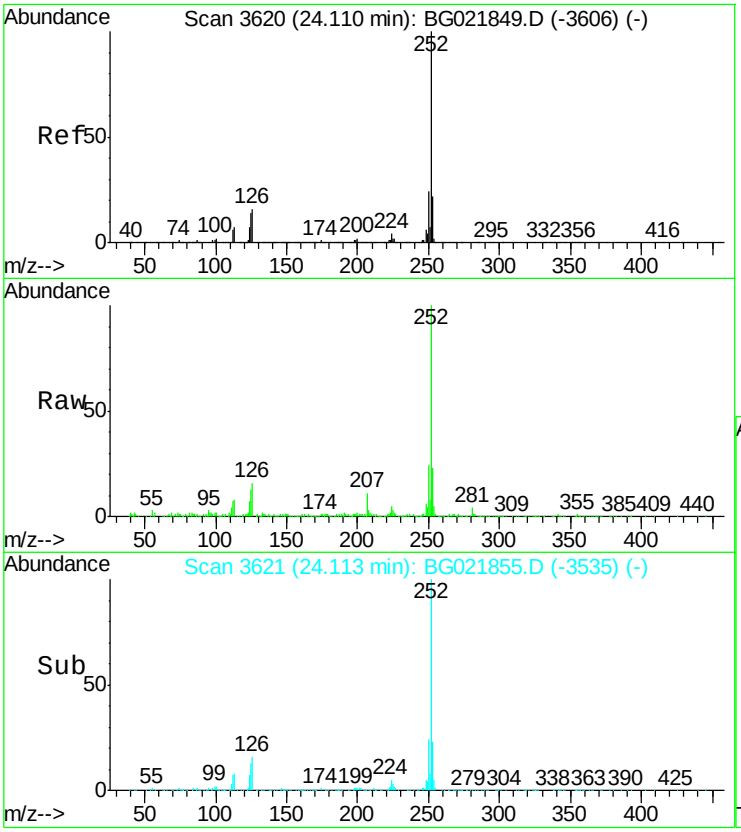


#83
Chrysene
Concen: 6.00 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion:228 Resp: 148941

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	22.7	16.2	24.2



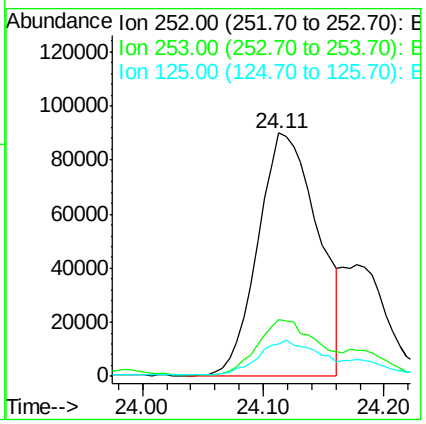


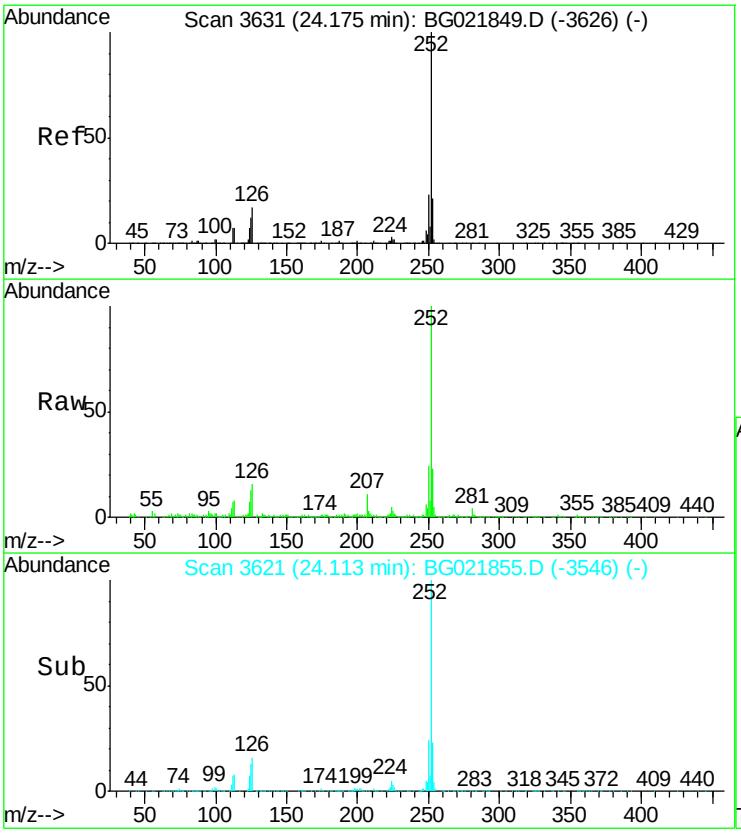
#86
Benzo(b)fluoranthene
Concen: 11.88 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tgt Ion:252 Resp: 307911

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	13.4	7.6	11.4#

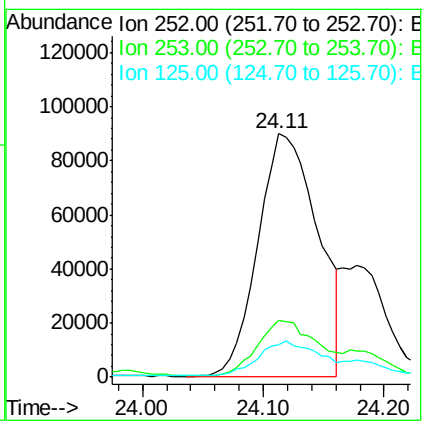


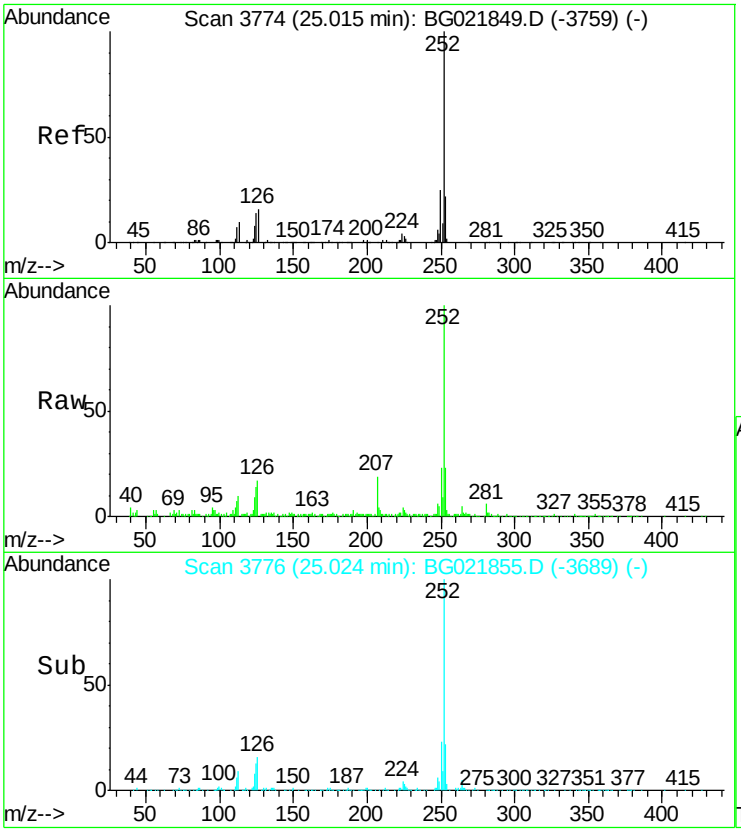


#87
Benzo(k)fluoranthene
Concen: 11.10 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. -0.06 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion:252 Resp: 307911

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	13.4	7.7	11.5#



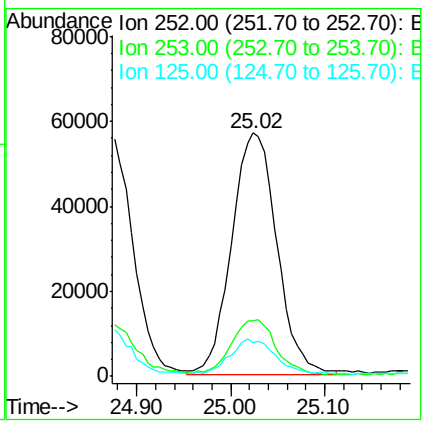


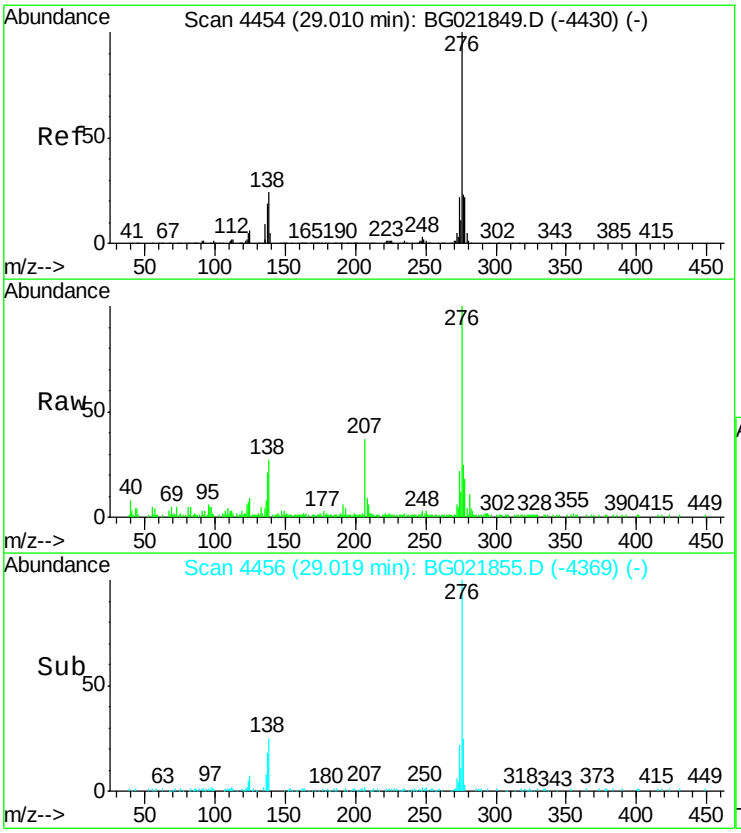
#89
Benzo(a)pyrene
Concen: 7.38 ng/ul
RT: 25.02 min Scan# 3776
Delta R.T. 0.01 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tgt Ion:252 Resp: 190328

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	14.1	8.2	12.2#

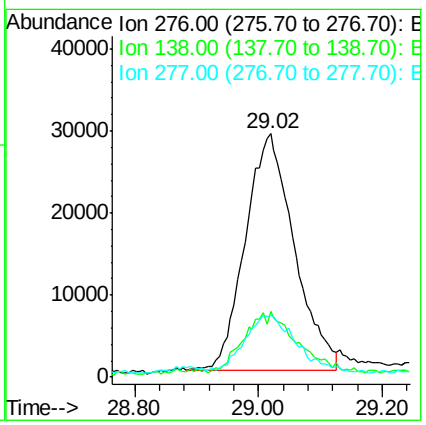


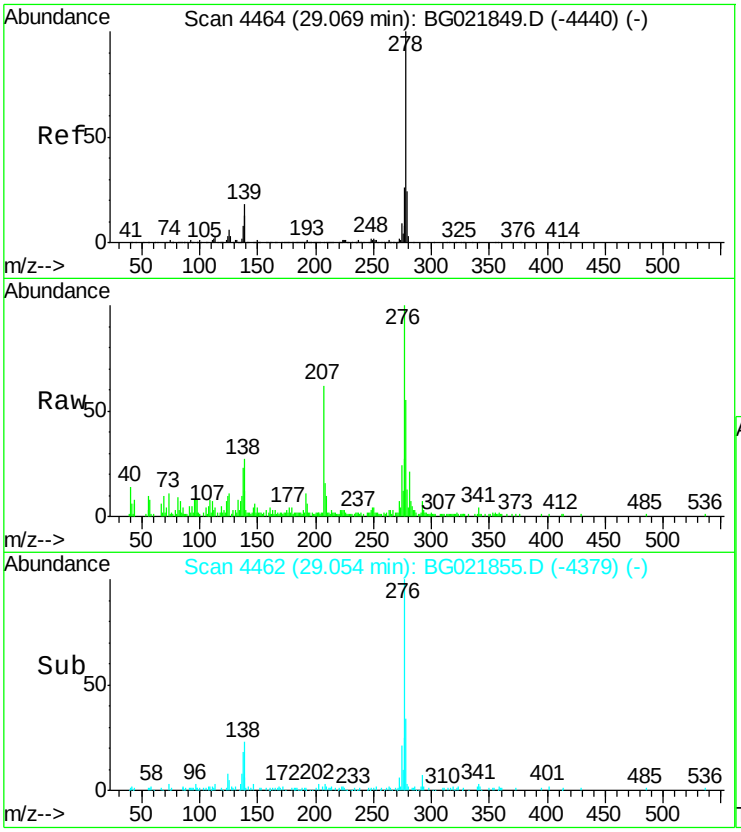


#90
Indeno(1,2,3-cd)pyrene
Concen: 5.19 ng/ul
RT: 29.02 min Scan# 4456
Delta R.T. 0.01 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion:276 Resp: 158567

Ion	Ratio	Lower	Upper
276	100		
138	26.9	15.8	23.6#
277	25.3	19.0	28.6



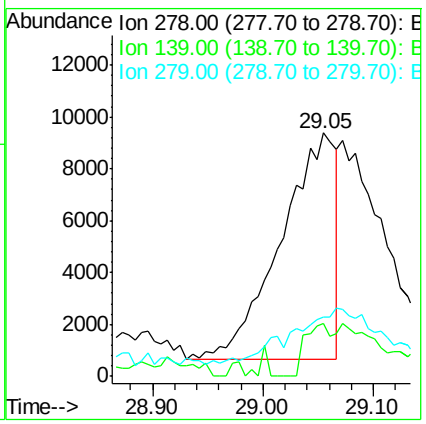


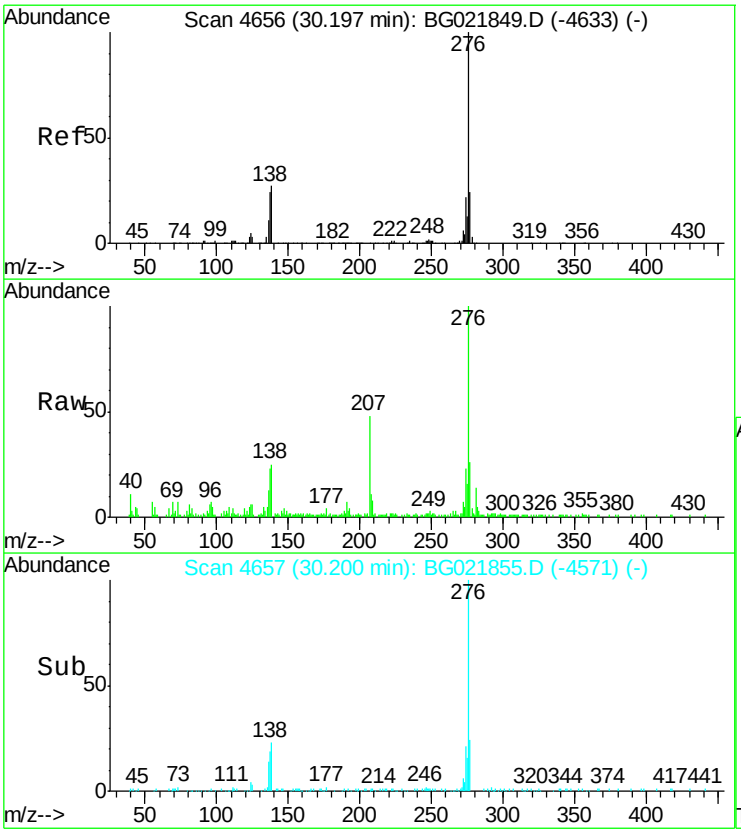
#91
Dibenzo(a,h)anthracene
Concen: 1.19 ng/ul
RT: 29.05 min Scan# 4462
Delta R.T. -0.01 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Instrument :
BNA_G
ClientSampleId :
D9XA0

Tgt Ion:278 Resp: 30168

Ion	Ratio	Lower	Upper
278	100		
139	21.5	12.1	18.1#
279	24.3	19.8	29.8





#92
Benzo(g,h,i)perylene
Concen: 3.11 ng/ul
RT: 30.20 min Scan# 4657
Delta R.T. 0.00 min
Lab File: BG021855.D
Acq: 11 May 2016 22:21

Tgt Ion:276 Resp: 78518

Ion	Ratio	Lower	Upper
276	100		
138	25.1	13.9	20.9#
277	26.1	19.8	29.6