Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023650.D
Acq On : 12 Aug 2016 11:10
Operator : UM/SJ
Sample : H4384-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS001-2430-01

Quant Time: Aug 13 01:32:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

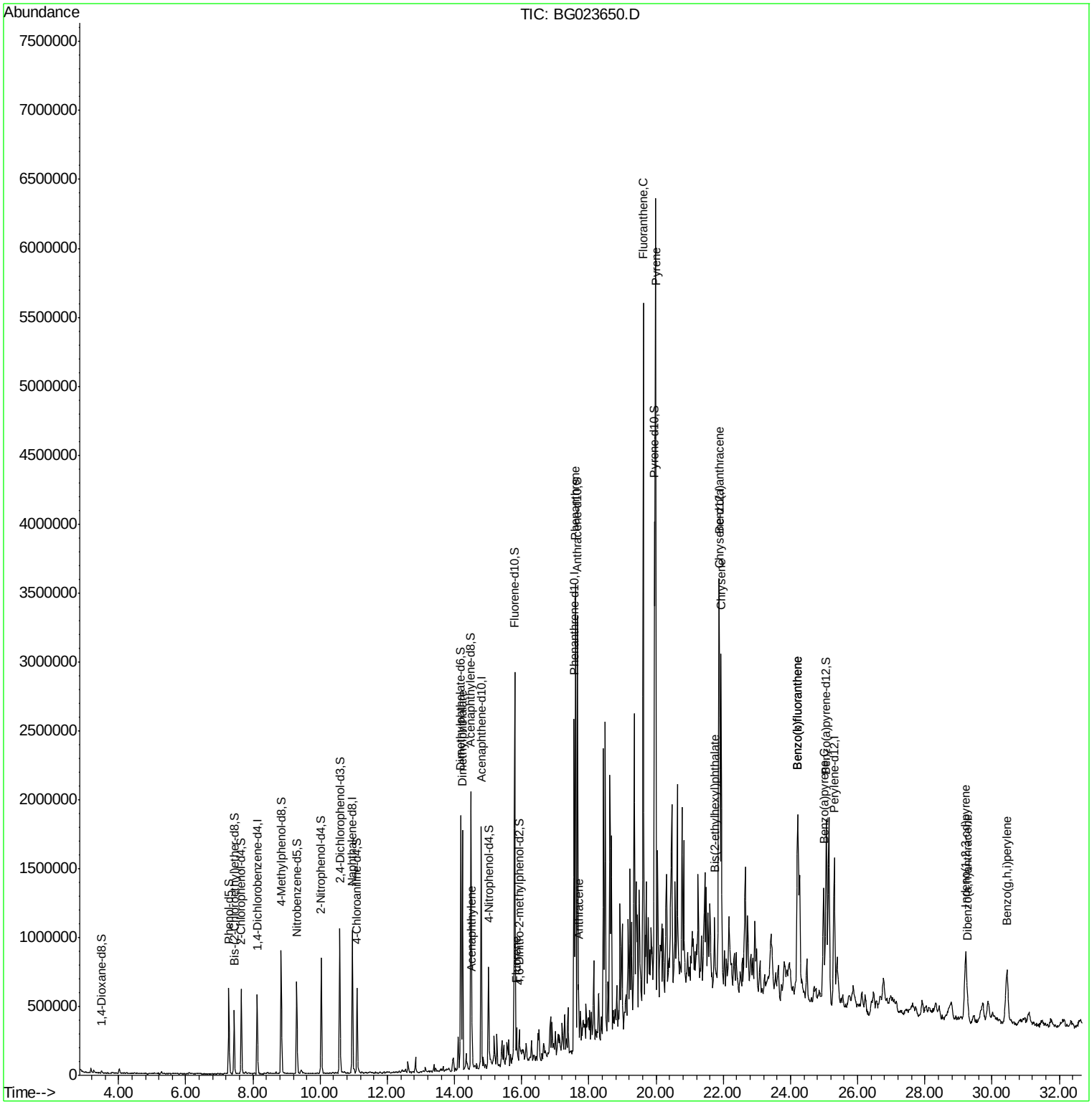
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	156258	20.00	ng/ul	0.01
18) Naphthalene-d8	10.96	136	855789	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.79	164	600671	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1401051	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1120303	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1163628	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	9481	2.58	ng/uL	0.02
5) Phenol-d5	7.28	99	391601	24.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.44	67	241601	23.96	ng/ul	0.01
9) 2-Chlorophenol-d4	7.65	132	270128	25.15	ng/ul	0.02
13) 4-Methylphenol-d8	8.84	113	348314	28.34	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	159766	23.68	ng/ul	0.02
22) 2-Nitrophenol-d4	10.03	143	267163	34.48	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	414112	28.34	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	352546	20.56	ng/ul	0.01
43) Dimethylphthalate-d6	14.19	166	1225230	24.91	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1411738	25.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	195964	23.34	ng/ul	0.00
57) Fluorene-d10	15.79	176	1119869	24.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	53148	5.91	ng/ul	0.02
70) Anthracene-d10	17.66	188	1690115	26.78	ng/ul	0.00
76) Pyrene-d10	19.95	212	1595507	28.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1408711	26.75	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	14.24	163	1078835	22.15	ng/ul	99
47) Acenaphthylene	14.52	152	239012	4.13	ng/ul	99
58) Fluorene	15.84	166	120072	2.47	ng/ul#	96
69) Phenanthrene	17.60	178	1957213	26.97	ng/ul	93
71) Anthracene	17.69	178	298488	4.03	ng/ul	98
74) Fluoranthene	19.61	202	2755193	37.09	ng/ul	99
77) Pyrene	19.98	202	2994867	43.24	ng/ul	97
80) Benzo(a)anthracene	21.86	228	1575989	24.98	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.74	149	117824	3.34	ng/ul	100
82) Chrysene	21.94	228	1631016	28.43	ng/ul#	90
85) Benzo(b)fluoranthene	24.21	252	1648082	24.90	ng/ul#	95
86) Benzo(k)fluoranthene	24.21	252	1648082	25.29	ng/ul#	90
88) Benzo(a)pyrene	24.99	252	937999	14.68	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.21	276	845224	11.26	ng/ul#	90
90) Dibenzo(a,h)anthracene	29.26	278	267199	4.17	ng/ul#	82
91) Benzo(g,h,i)perylene	30.44	276	800752	12.86	ng/ul#	83

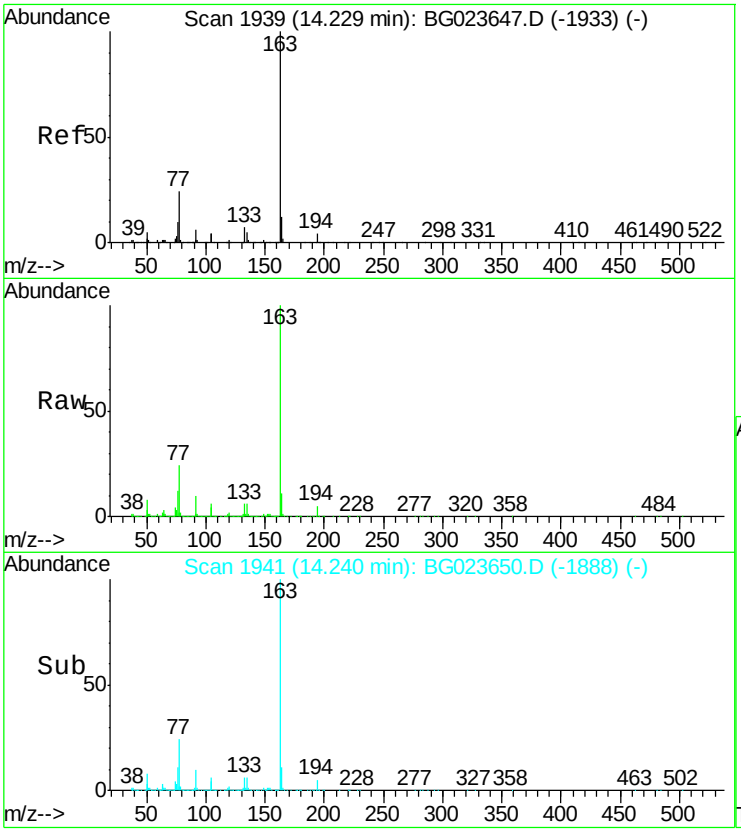
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023650.D
Acq On : 12 Aug 2016 11:10
Operator : UM/SJ
Sample : H4384-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Quant Time: Aug 13 01:32:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration



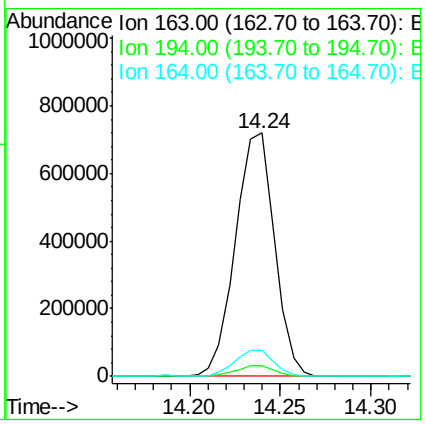


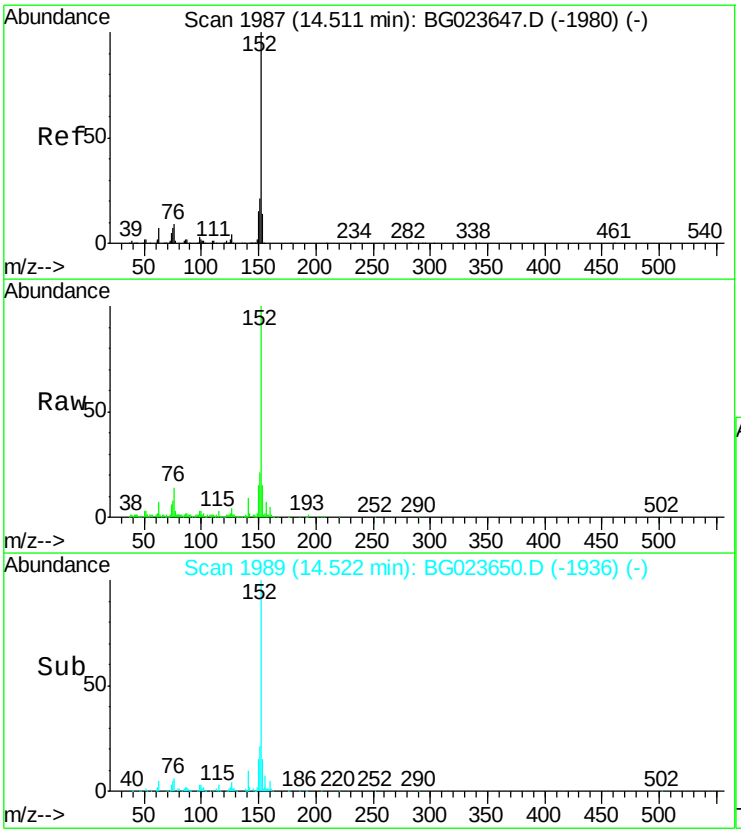
#44
Dimethylphthalate
Concen: 22.15 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Tgt Ion:163 Resp: 1078835

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.7	8.8	13.2

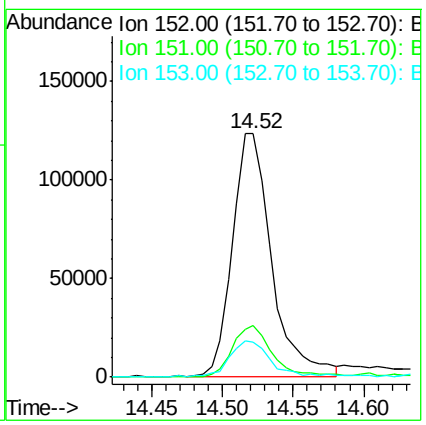


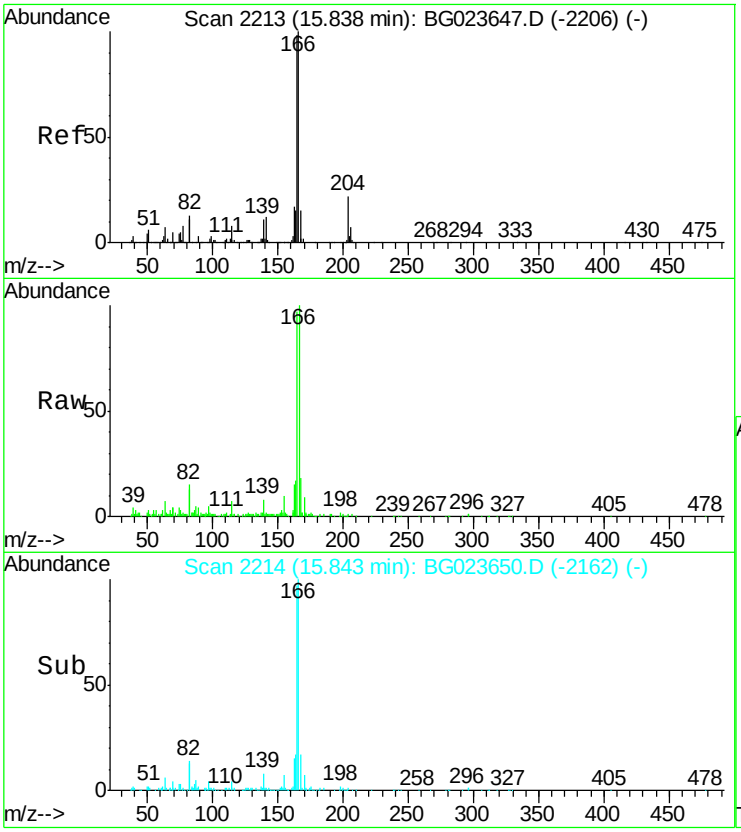


#47
Acenaphthylene
Concen: 4.13 ng/ul
RT: 14.52 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Tgt Ion:152 Resp: 239012

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.5	26.3
153	14.5	11.1	16.7



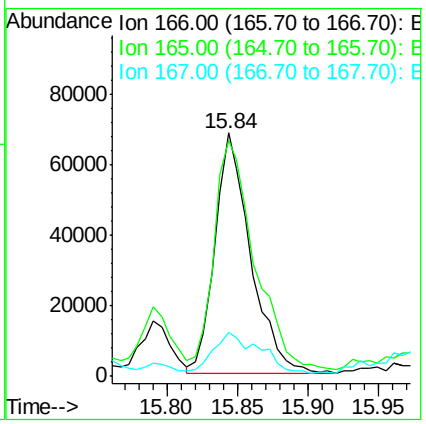


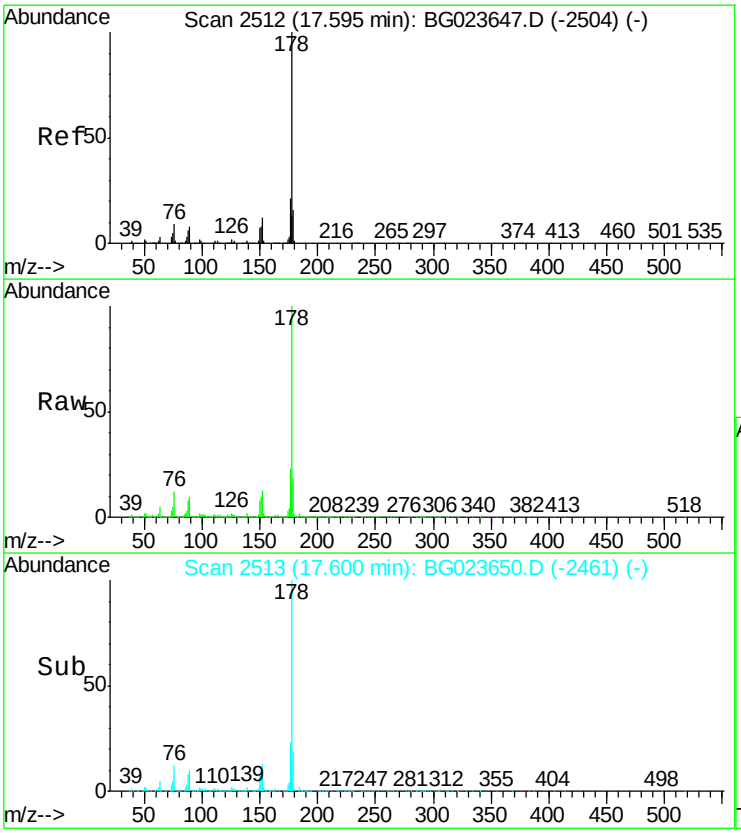
#58
Fluorene
Concen: 2.47 ng/ul
RT: 15.84 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Tgt Ion:166 Resp: 120072

Ion	Ratio	Lower	Upper
166	100		
165	97.1	80.3	120.5
167	18.0	10.3	15.5#

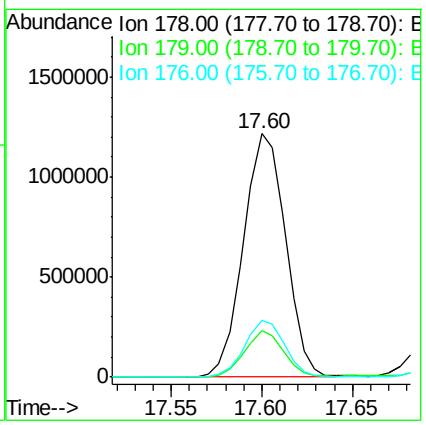


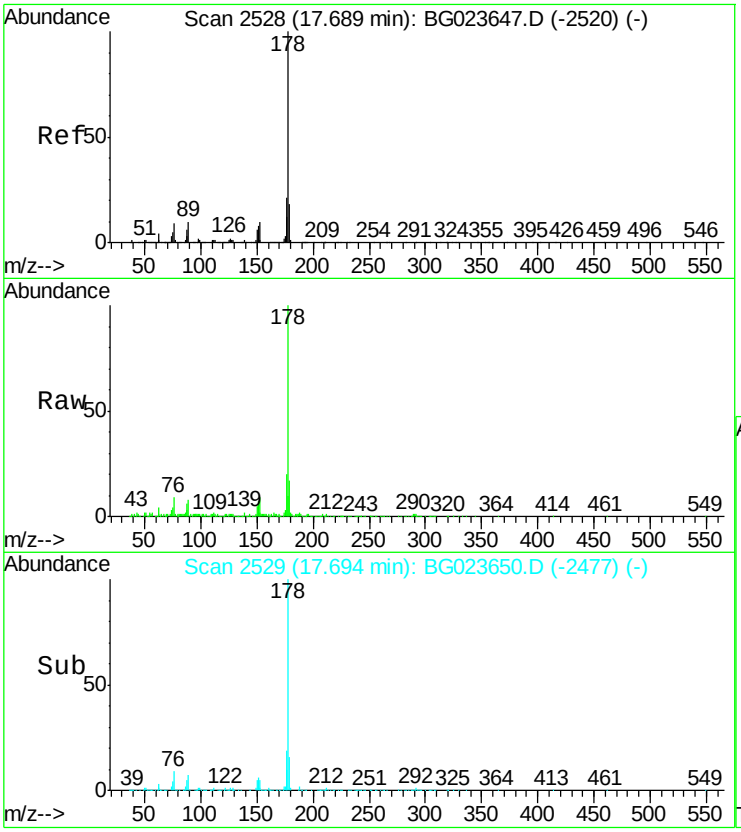


#69
Phenanthrene
Concen: 26.97 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Tgt Ion:178 Resp: 1957213

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.9	19.3
176	23.2	15.8	23.8



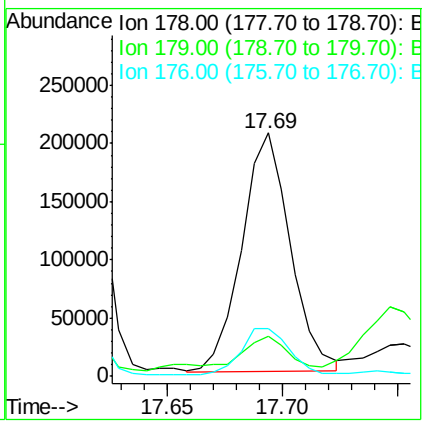


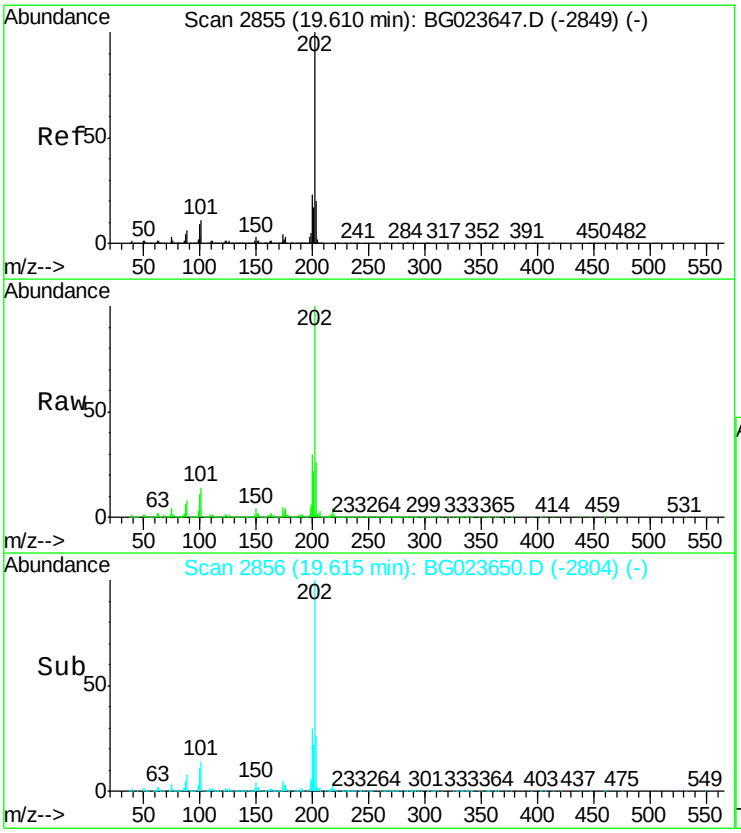
#71
Anthracene
Concen: 4.03 ng/ul
RT: 17.69 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Tgt Ion:178 Resp: 298488

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	19.5	16.3	24.5

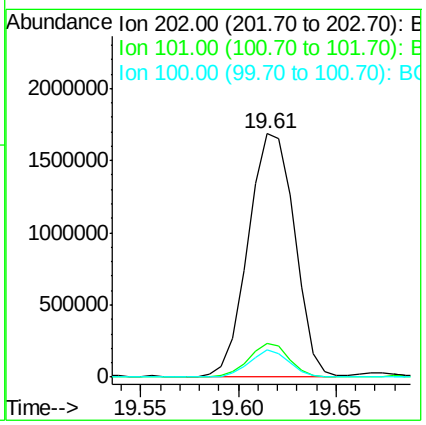


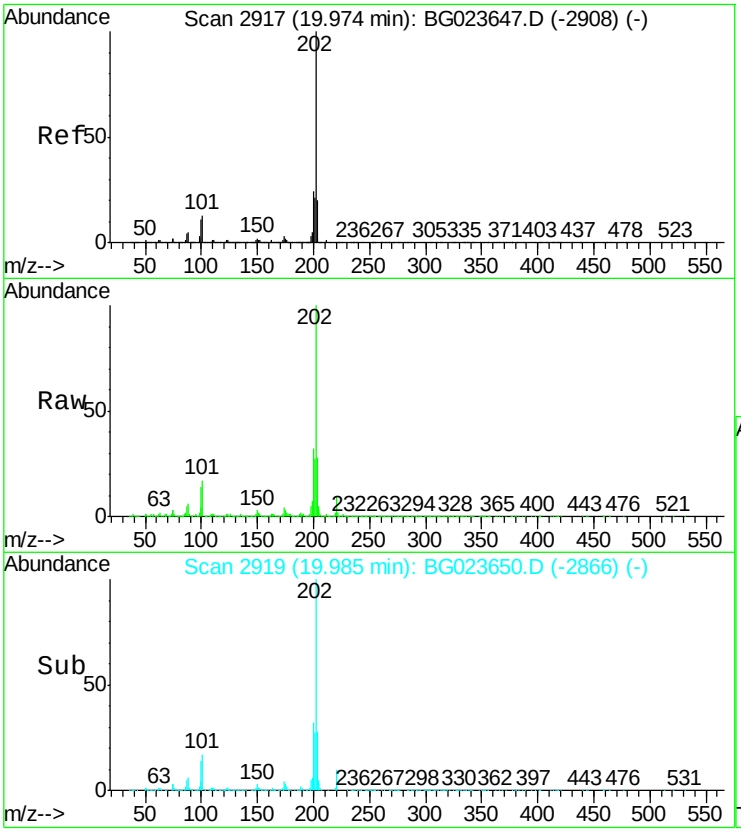


#74
Fluoranthene
Concen: 37.09 ng/ul
RT: 19.61 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Tgt Ion:202 Resp: 2755193

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
100	11.0	8.7	13.1



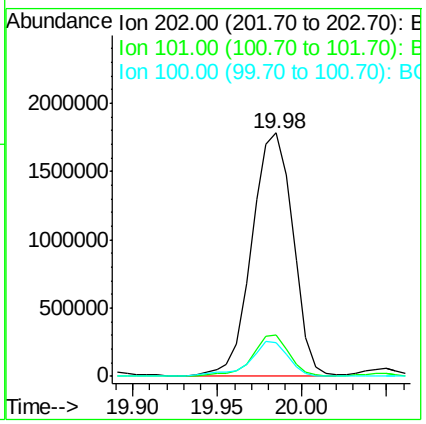


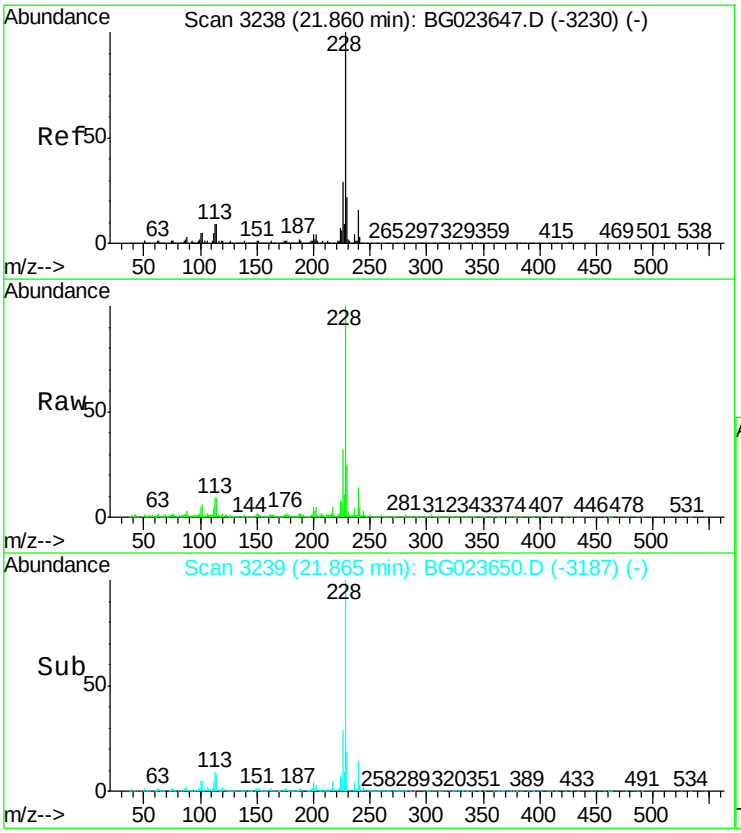
#77
Pyrene
Concen: 43.24 ng/ul
RT: 19.98 min Scan# 2919
Delta R.T. 0.01 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Tgt Ion:202 Resp: 2994867

Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.5	18.7
100	13.8	10.2	15.4

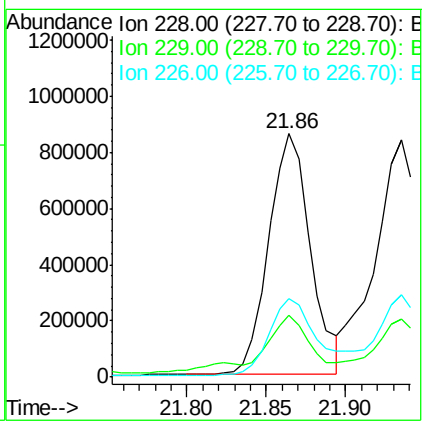


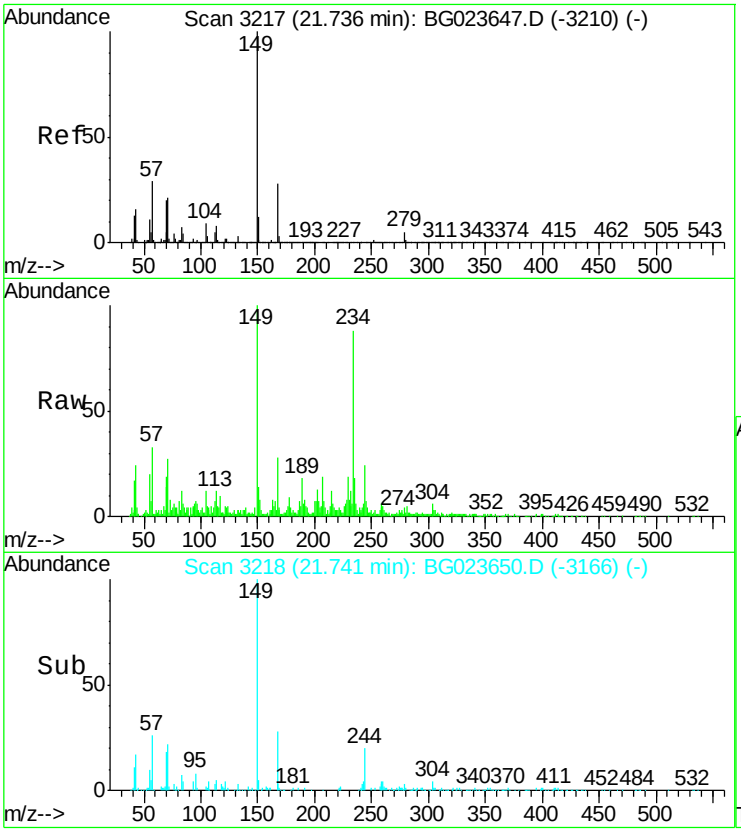


#80
Benzo(a)anthracene
Concen: 24.98 ng/ul
RT: 21.86 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Tgt Ion:228 Resp: 1575989

Ion	Ratio	Lower	Upper
228	100		
229	25.3	15.4	23.2#
226	32.2	22.8	34.2



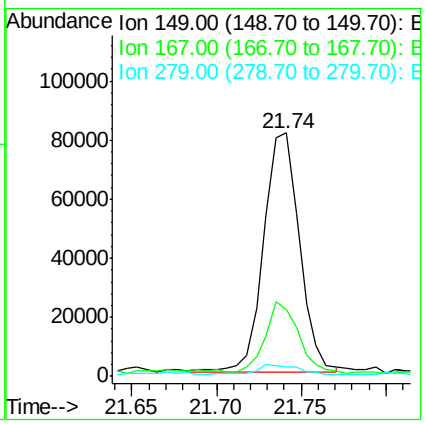


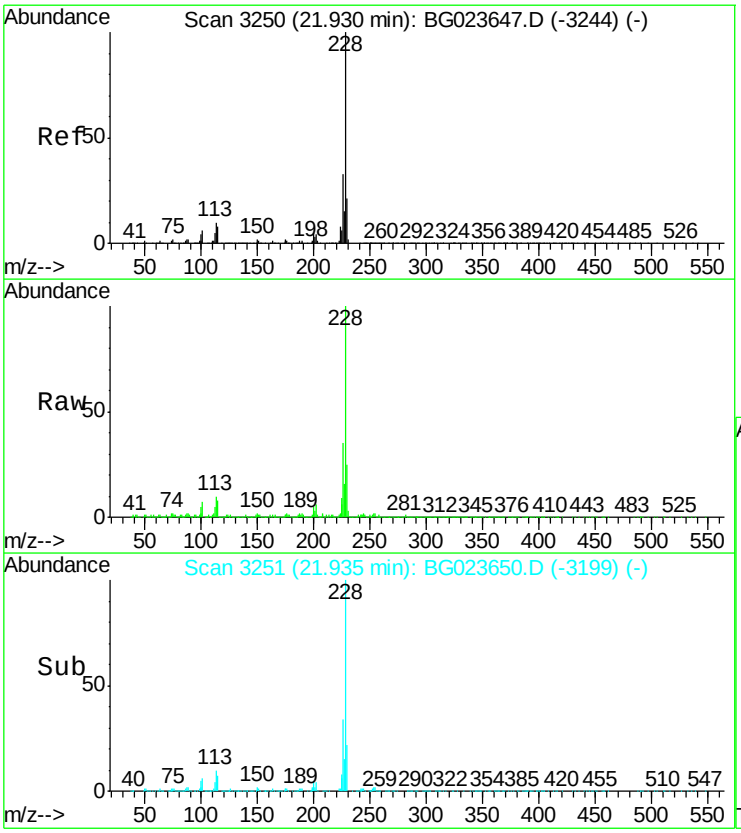
#81
Bis(2-ethylhexyl)phthalate
Concen: 3.34 ng/ul
RT: 21.74 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Tgt Ion:149 Resp: 117824

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	3.6	2.9	4.3

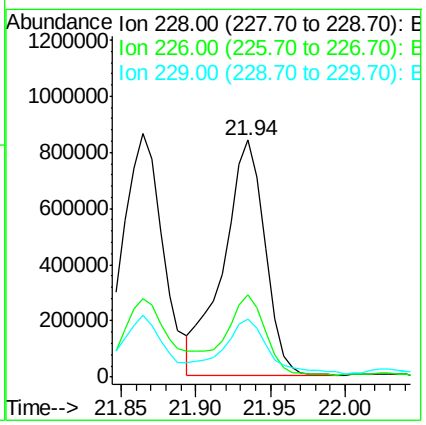


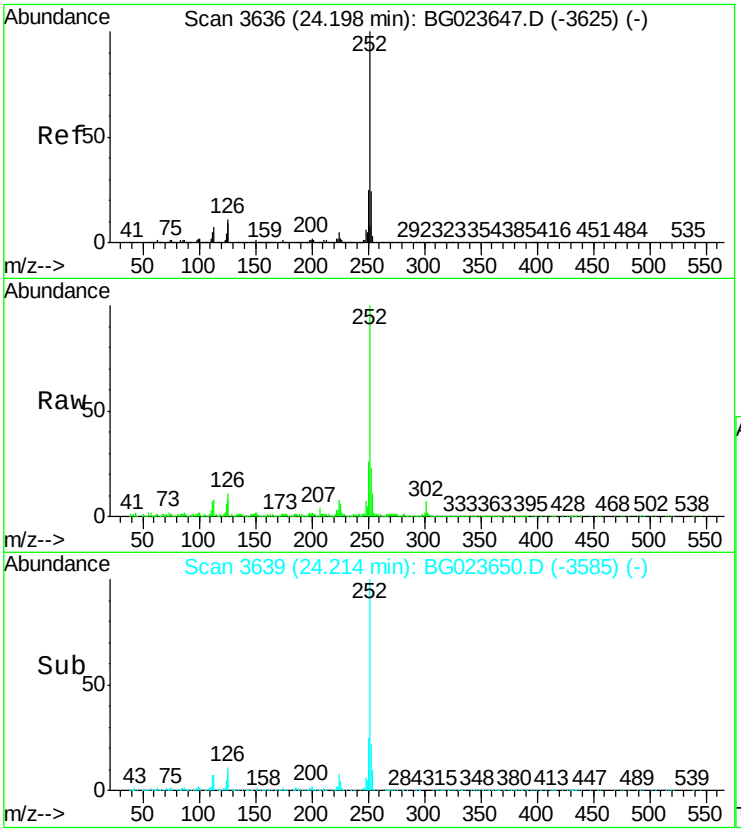


#82
Chrysene
Concen: 28.43 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Tgt Ion:228 Resp: 1631016

Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.2	36.4
229	24.5	15.0	22.6#



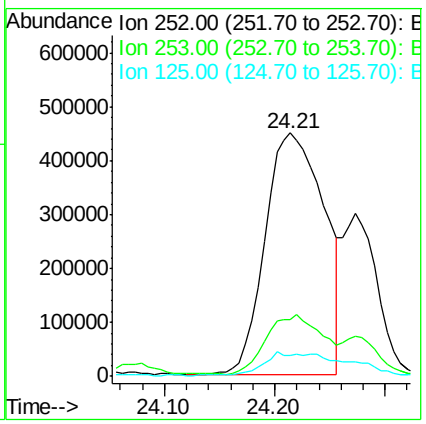


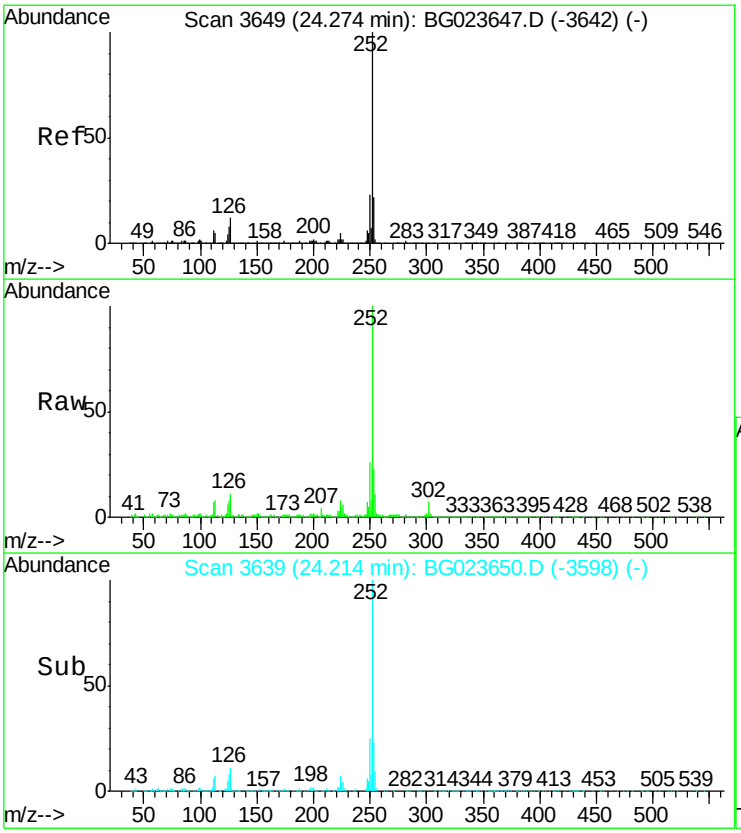
#85
Benzo(b)fluoranthene
Concen: 24.90 ng/ul
RT: 24.21 min Scan# 3639
Delta R.T. 0.02 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Tgt Ion:252 Resp: 1648082

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.5	10.8	16.2#

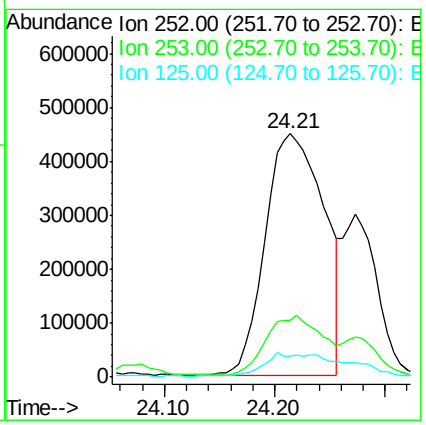


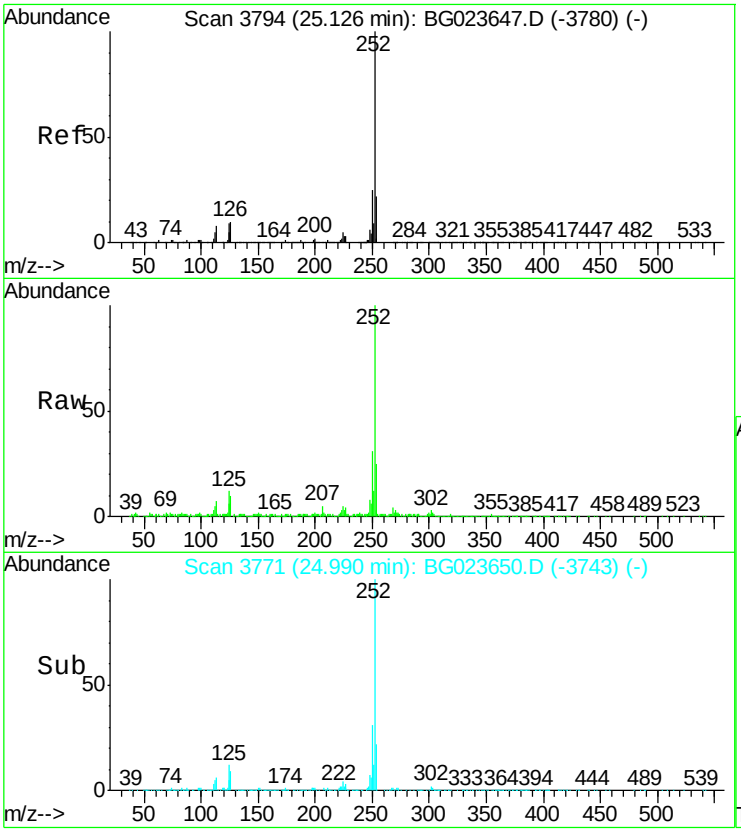


#86
Benzo(k)fluoranthene
Concen: 25.29 ng/ul
RT: 24.21 min Scan# 3639
Delta R.T. -0.06 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Tgt Ion:252 Resp: 1648082

Ion	Ratio	Lower	Upper
252	100		
253	23.3	15.8	23.6
125	8.5	10.6	16.0#



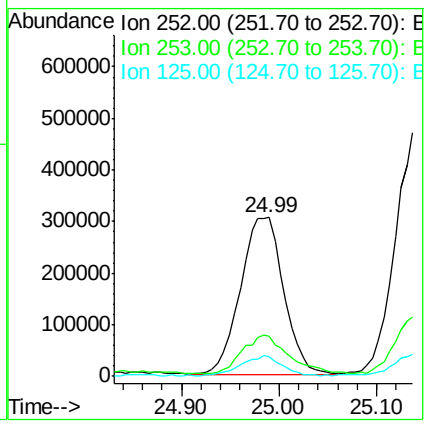


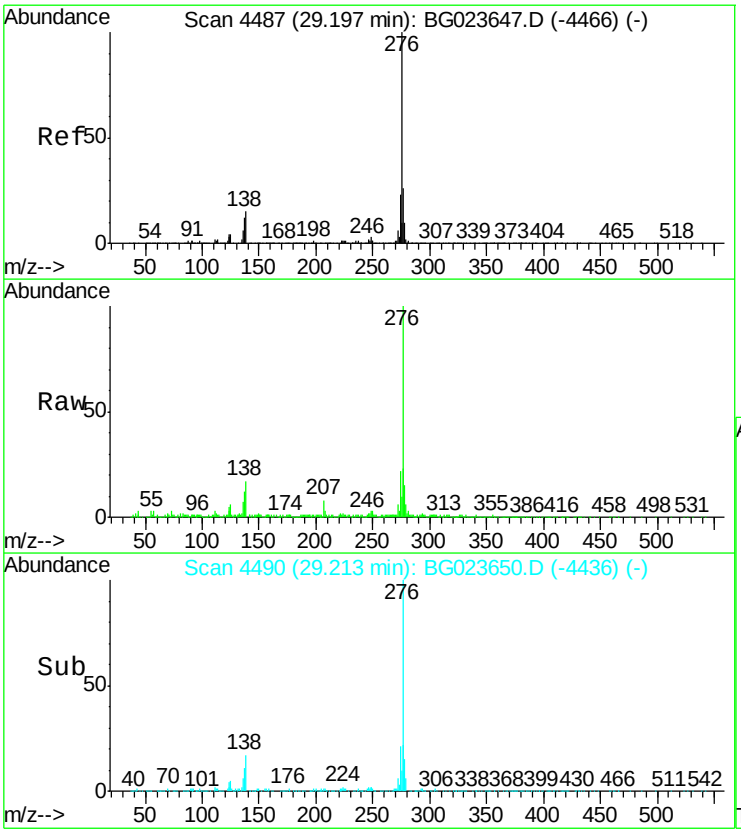
#88
Benzo(a)pyrene
Concen: 14.68 ng/ul
RT: 24.99 min Scan# 3771
Delta R.T. -0.14 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Tgt Ion:252 Resp: 937999

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.4
125	12.4	12.0	18.0

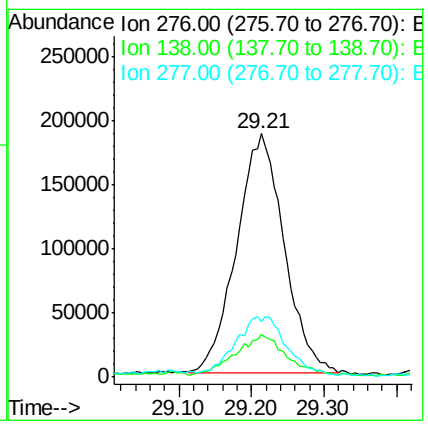


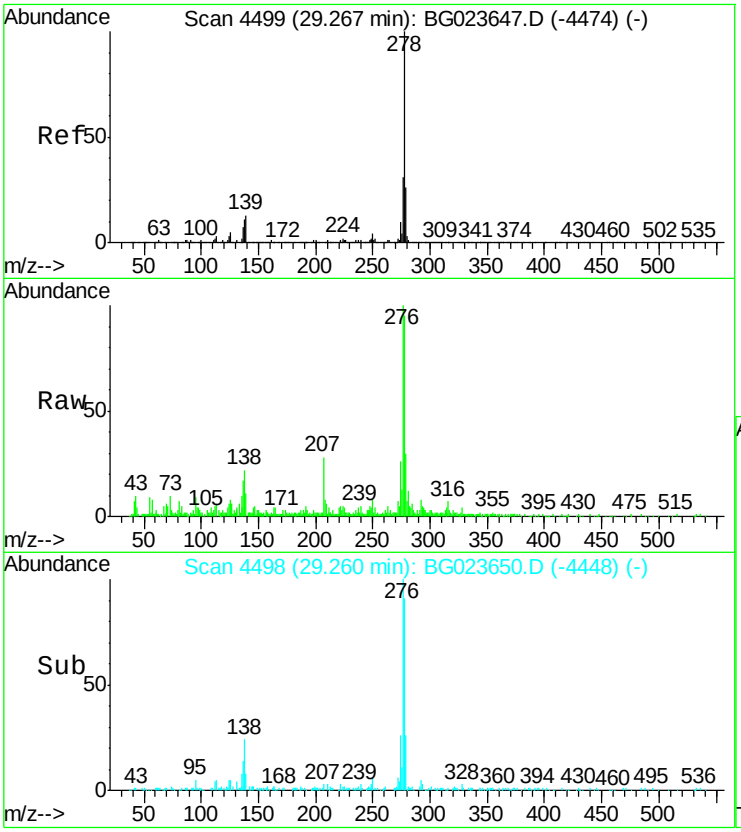


#89
Indeno(1,2,3-cd)pyrene
Concen: 11.26 ng/ul
RT: 29.21 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Tgt Ion:276 Resp: 845224

Ion	Ratio	Lower	Upper
276	100		
138	17.4	20.8	31.2#
277	22.7	17.6	26.4



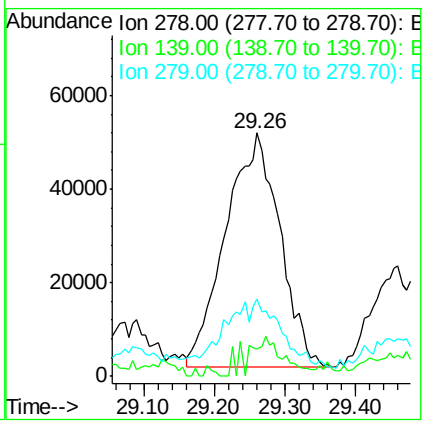


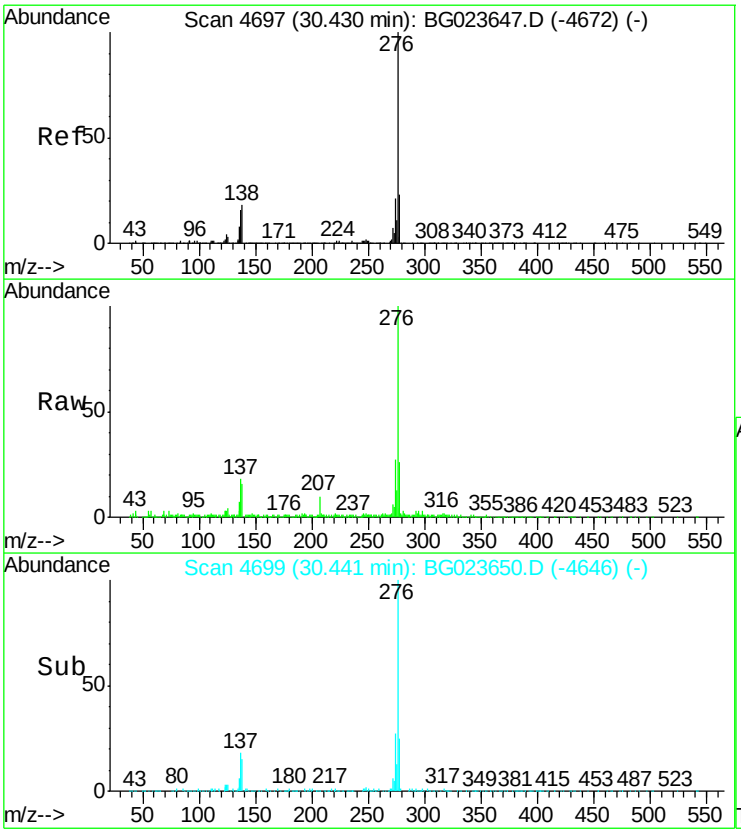
#90
Dibenzo(a,h)anthracene
Concen: 4.17 ng/ul
RT: 29.26 min Scan# 4498
Delta R.T. -0.01 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Instrument :
BNA_G
ClientSampleId :
P001-SS001-2430-01

Tgt Ion:278 Resp: 267199

Ion	Ratio	Lower	Upper
278	100		
139	11.2	16.3	24.5#
279	31.8	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 12.86 ng/ul
RT: 30.44 min Scan# 4699
Delta R.T. 0.01 min
Lab File: BG023650.D
Acq: 12 Aug 2016 11:10

Tgt Ion:276 Resp: 800752

Ion	Ratio	Lower	Upper
276	100		
138	15.8	22.1	33.1#
277	25.9	17.0	25.4#