Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023649.D
Acq On : 12 Aug 2016 10:26
Operator : UM/SJ
Sample : H4384-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS001-1218-01

Quant Time: Aug 13 01:31:51 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	185738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	941154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	682314	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1499614	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1141366	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	1192670	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	5760	1.32	ng/uL	0.00
5) Phenol-d5	7.28	99	229928	12.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	152810	12.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	168180	13.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.83	113	184122	12.60	ng/ul	0.00
19) Nitrobenzene-d5	9.40	128	185	0.02	ng/ul	0.11
22) 2-Nitrophenol-d4	10.03	143	140345	16.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	226733	14.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	155005	8.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	688851	12.33	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	813267	12.93	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	42617	4.47	ng/ul	0.01
57) Fluorene-d10	15.79	176	640977	12.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	2927	0.30	ng/ul	0.02
70) Anthracene-d10	17.66	188	923469	13.67	ng/ul	0.00
76) Pyrene-d10	19.95	212	805671	13.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	704925	13.06	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.01	128	59032	1.24	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	90130	2.33	ng/ul	91
44) Dimethylphthalate	14.23	163	616478	11.14	ng/ul	99
47) Acenaphthylene	14.51	152	420778	6.40	ng/ul	99
49) Acenaphthene	14.85	153	116492	2.60	ng/ul	95
58) Fluorene	15.84	166	330530	5.98	ng/ul	98
69) Phenanthrene	17.69	178	969708	12.49	ng/ul	98
71) Anthracene	17.69	178	969708	12.24	ng/ul	98
72) Carbazole	17.96	167	141298	2.21	ng/ul#	97
74) Fluoranthene	19.62	202	4304137	54.13	ng/ul#	81
77) Pyrene	19.98	202	4218610	59.79	ng/ul#	82
80) Benzo(a)anthracene	21.86	228	2945176	45.82	ng/ul#	83
82) Chrysene	21.93	228	2751594	47.08	ng/ul#	84
85) Benzo(b)fluoranthene	24.21	252	3293624	48.55	ng/ul#	93
86) Benzo(k)fluoranthene	24.21	252	3293624	49.32	ng/ul#	89
88) Benzo(a)pyrene	24.97	252	1580311	24.13	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.19	276	1616256	21.00	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.22	278	285768	4.35	ng/ul#	89
91) Benzo(g,h,i)perylene	30.42	276	1273580	19.96	ng/ul#	87

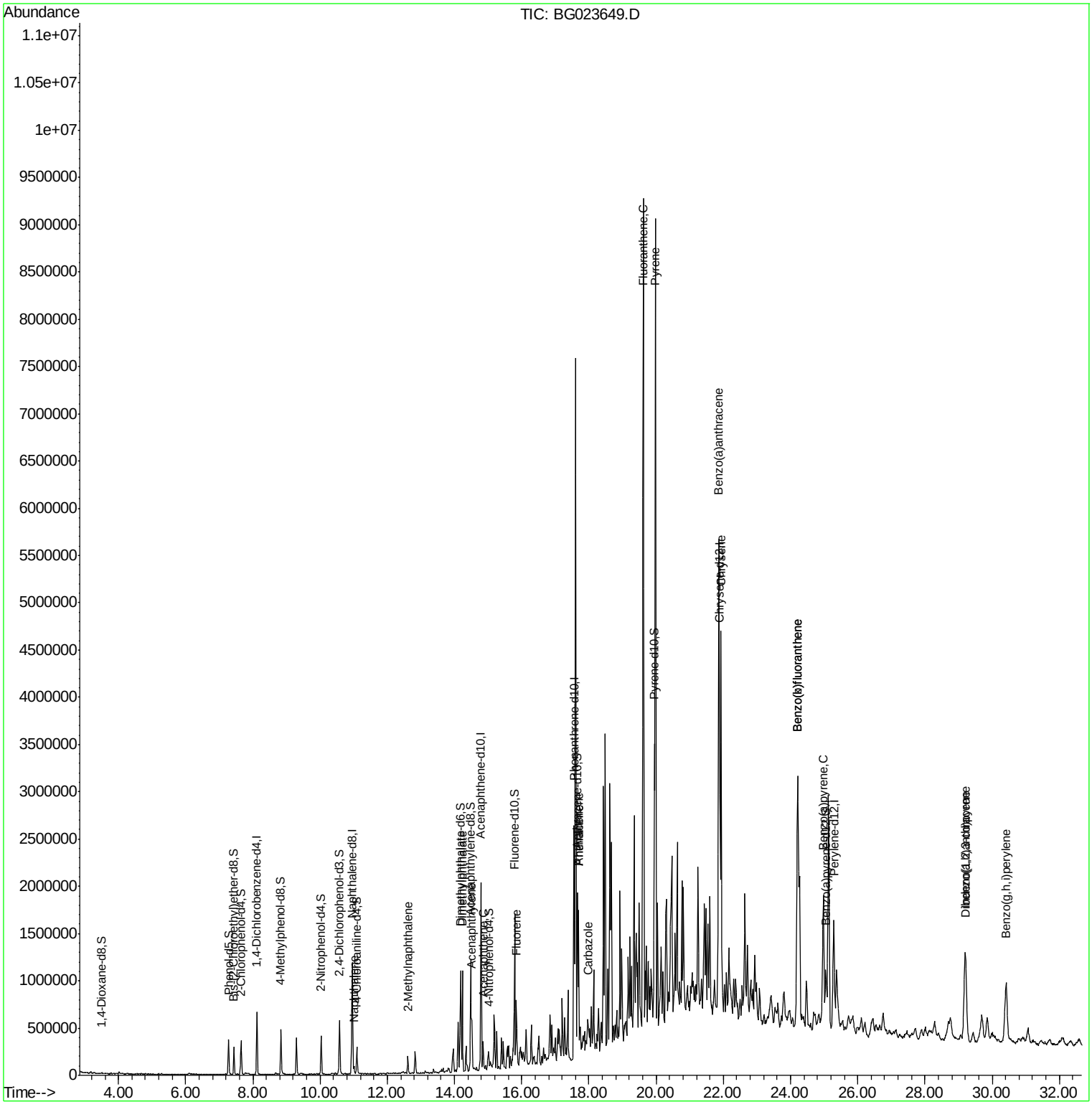
(#) = qualifier out of range (m) = manual integration (+) = signals summed

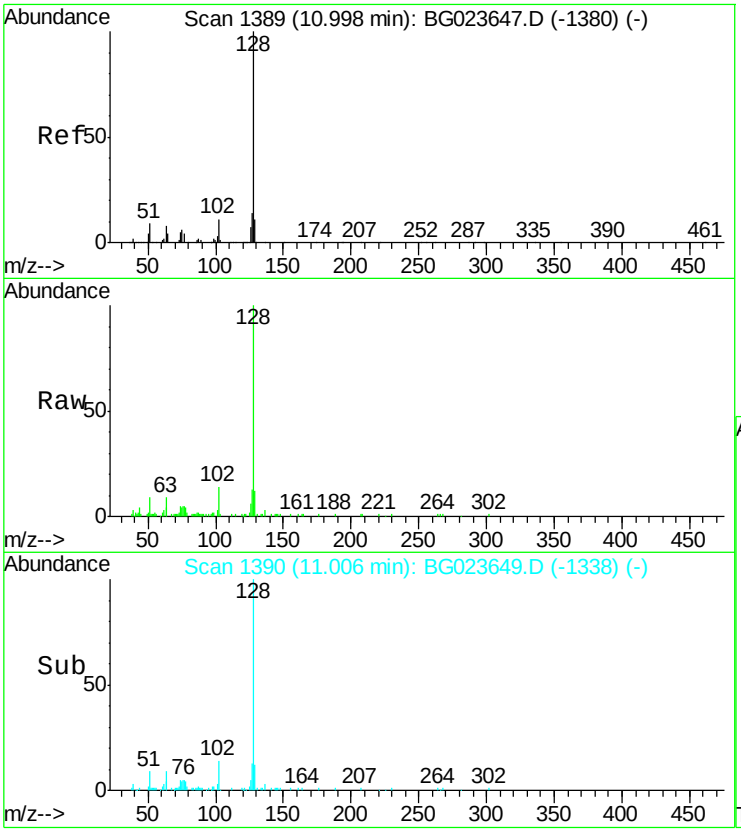
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023649.D
Acq On : 12 Aug 2016 10:26
Operator : UM/SJ
Sample : H4384-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Quant Time: Aug 13 01:31:51 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



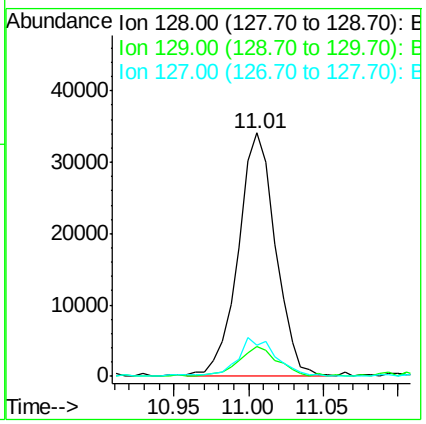


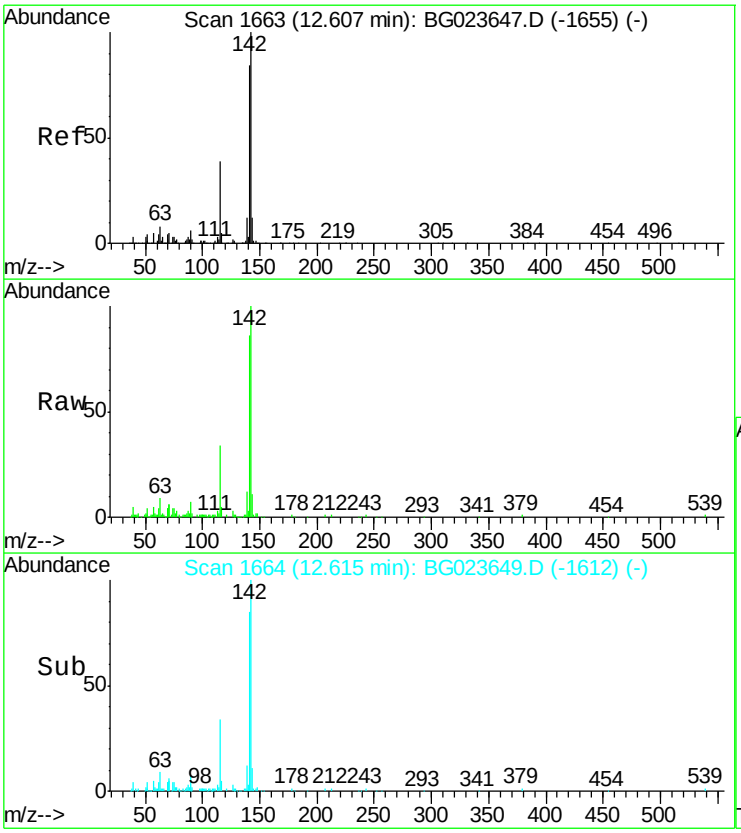
#28
Naphthalene
Concen: 1.24 ng/ul
RT: 11.01 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:128 Resp: 59032

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	13.0	11.2	16.8

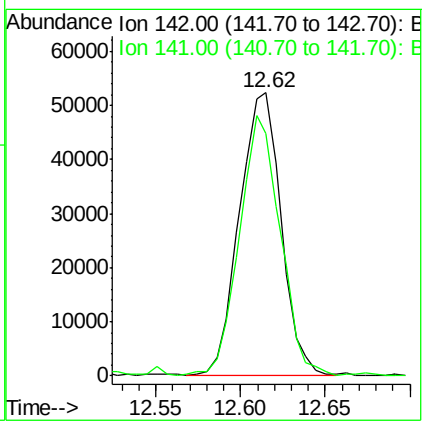


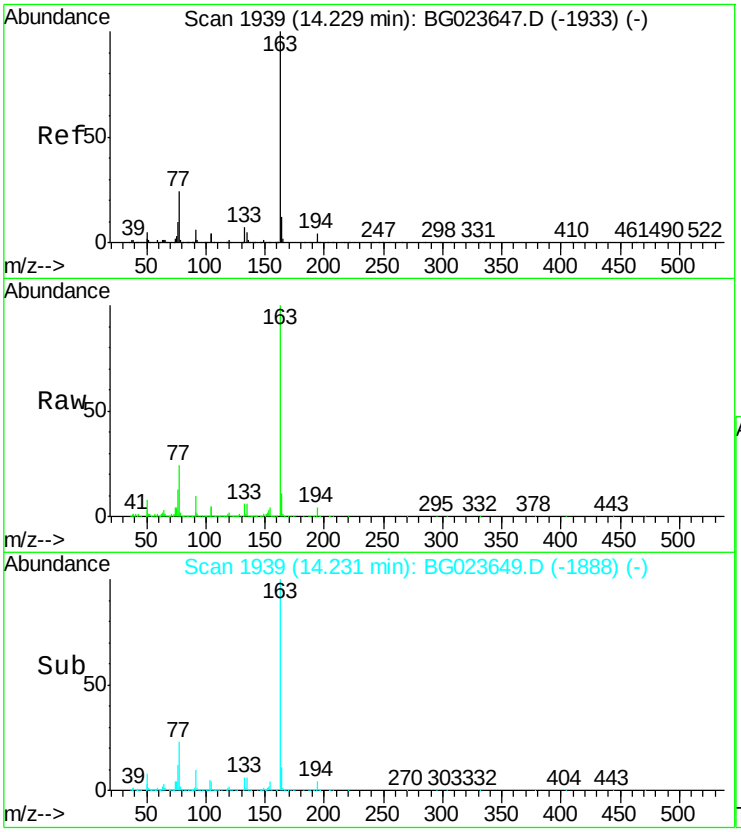


#34
2-Methylnaphthalene
Concen: 2.33 ng/ul
RT: 12.62 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:142 Resp: 90130

Ion	Ratio	Lower	Upper
142	100		
141	85.8	75.2	112.8



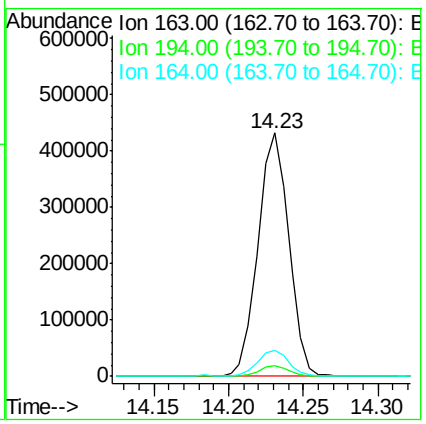


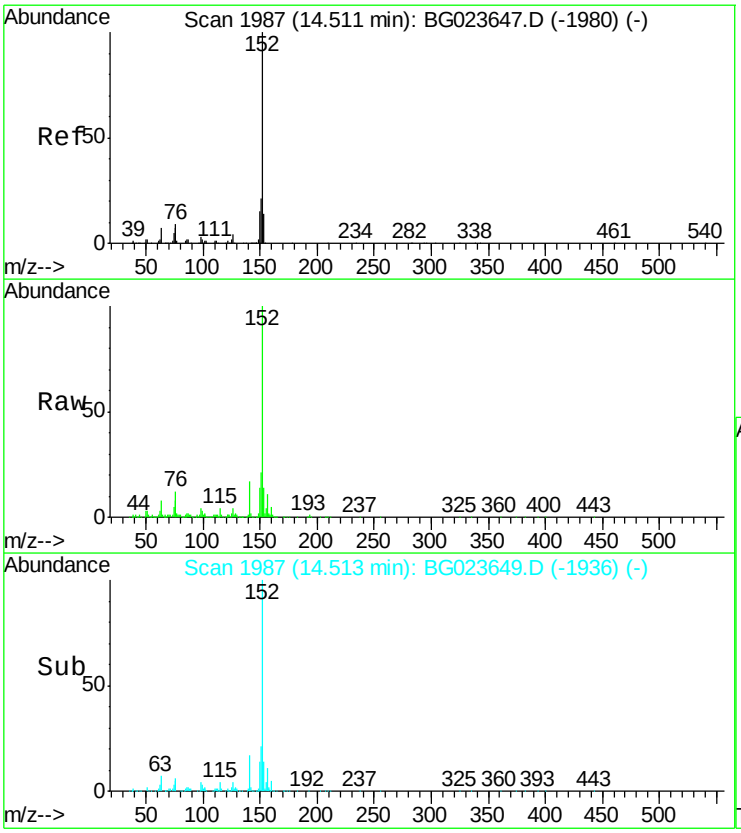
#44
Dimethylphthalate
Concen: 11.14 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:163 Resp: 616478

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.7	8.8	13.2

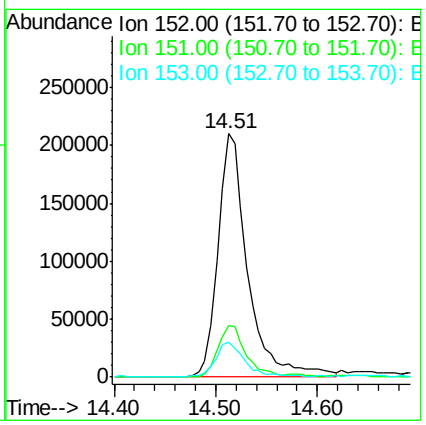


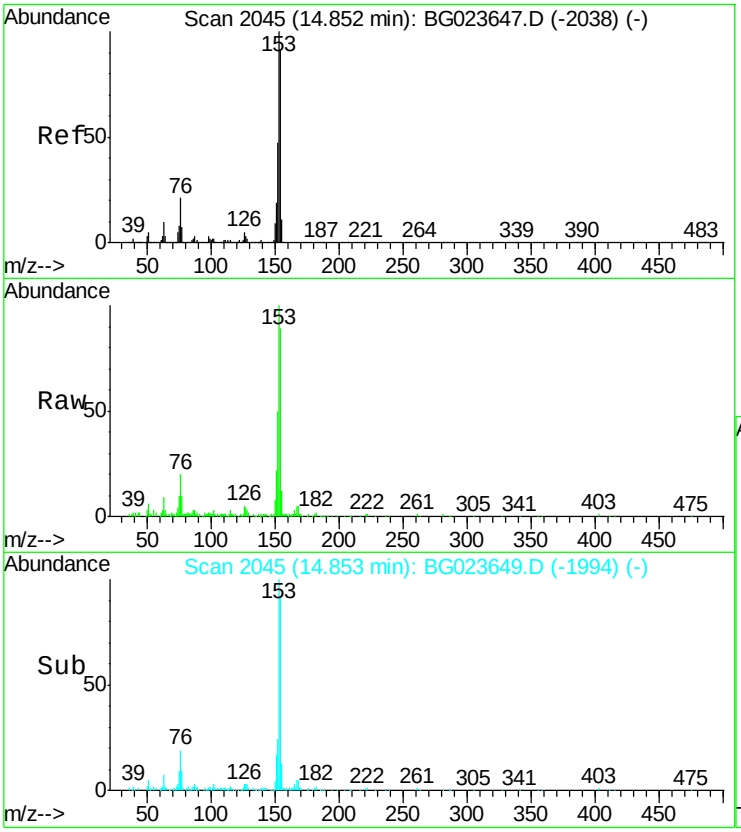


#47
Acenaphthylene
Concen: 6.40 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:152 Resp: 420778

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.5	26.3
153	14.1	11.1	16.7



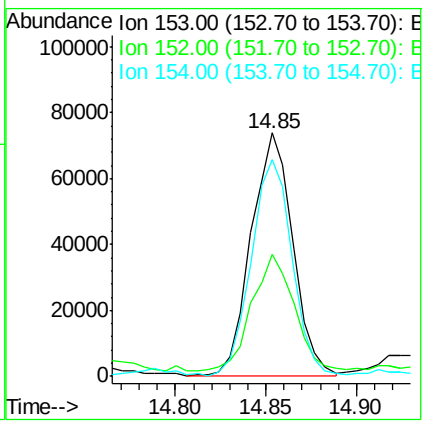


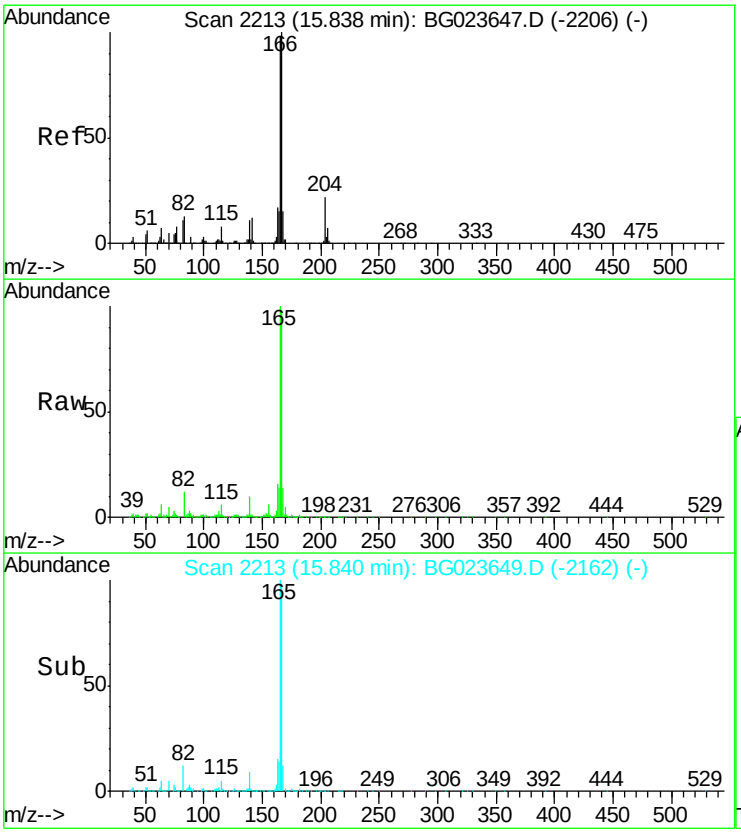
#49
Acenaphthene
Concen: 2.60 ng/ul
RT: 14.85 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:153 Resp: 116492

Ion	Ratio	Lower	Upper
153	100		
152	50.3	37.3	55.9
154	88.9	68.2	102.2

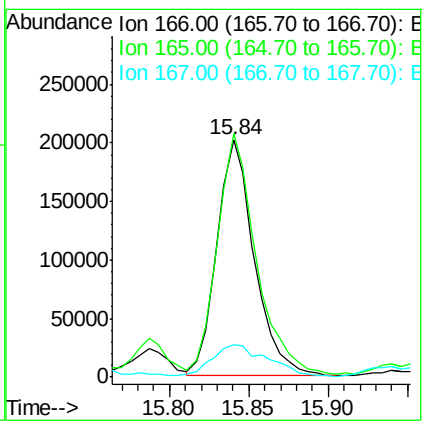


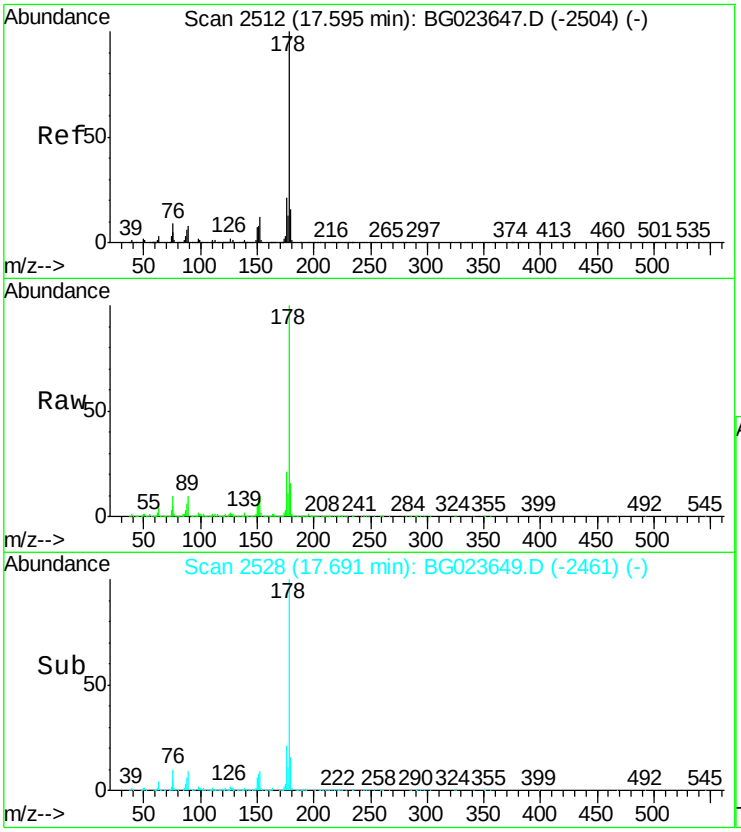


#58
Fluorene
Concen: 5.98 ng/ul
RT: 15.84 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:166 Resp: 330530

Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.3	120.5
167	13.8	10.3	15.5



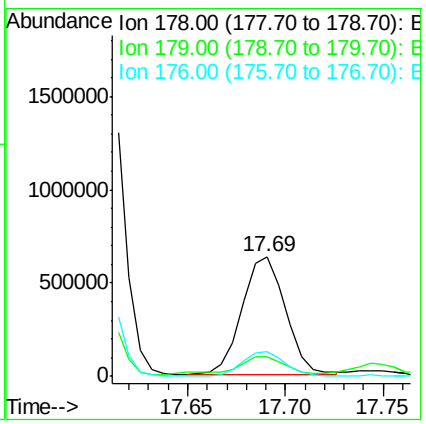


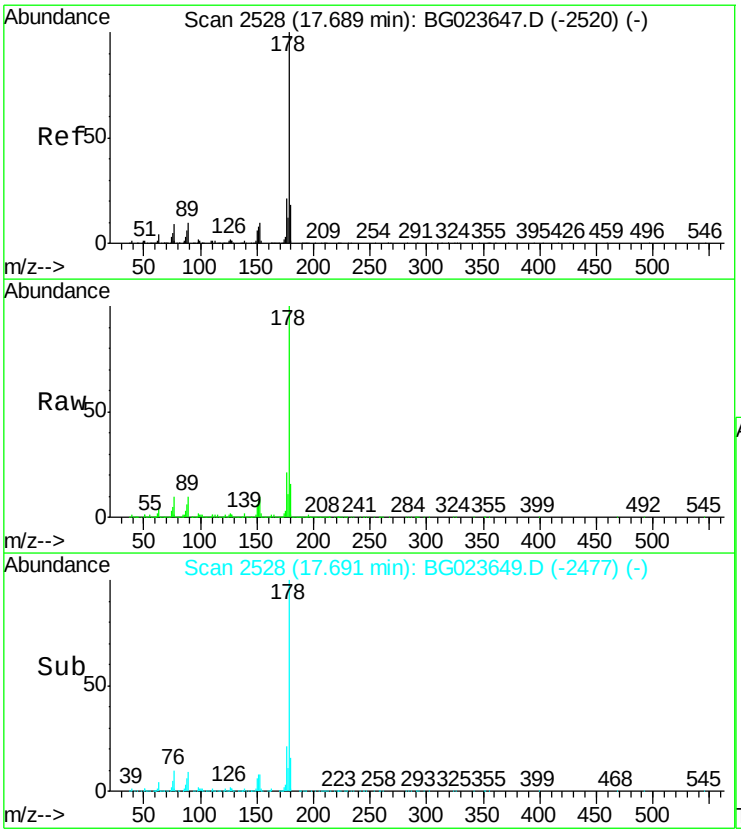
#69
Phenanthrene
Concen: 12.49 ng/ul
RT: 17.69 min Scan# 2528
Delta R.T. 0.10 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:178 Resp: 969708

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	21.1	15.8	23.8

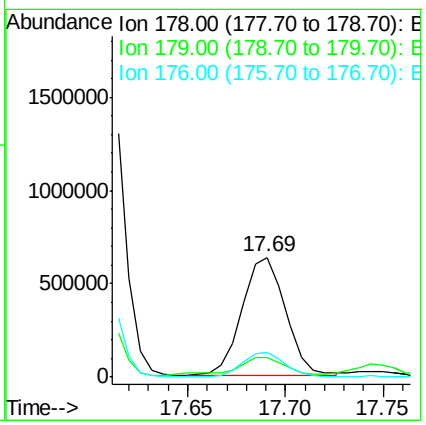


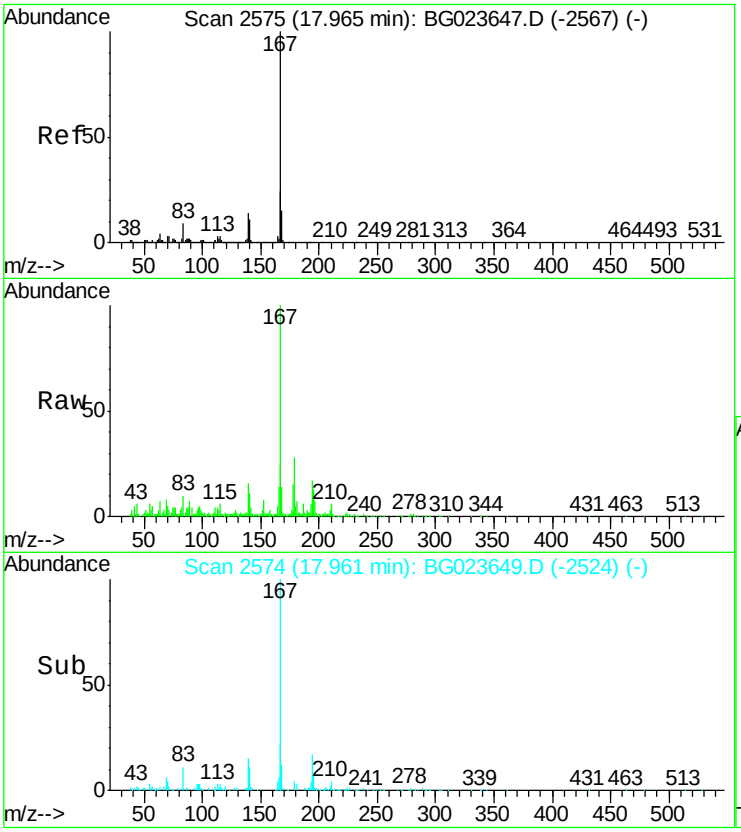


#71
Anthracene
Concen: 12.24 ng/ul
RT: 17.69 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:178 Resp: 969708

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	21.1	16.3	24.5



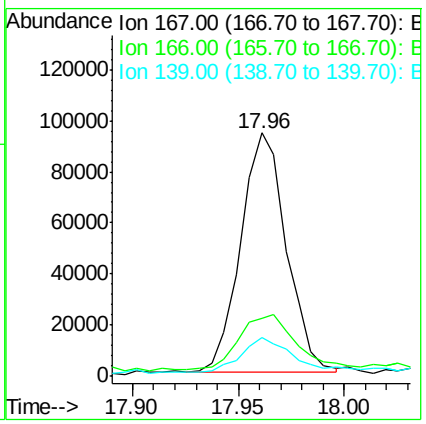


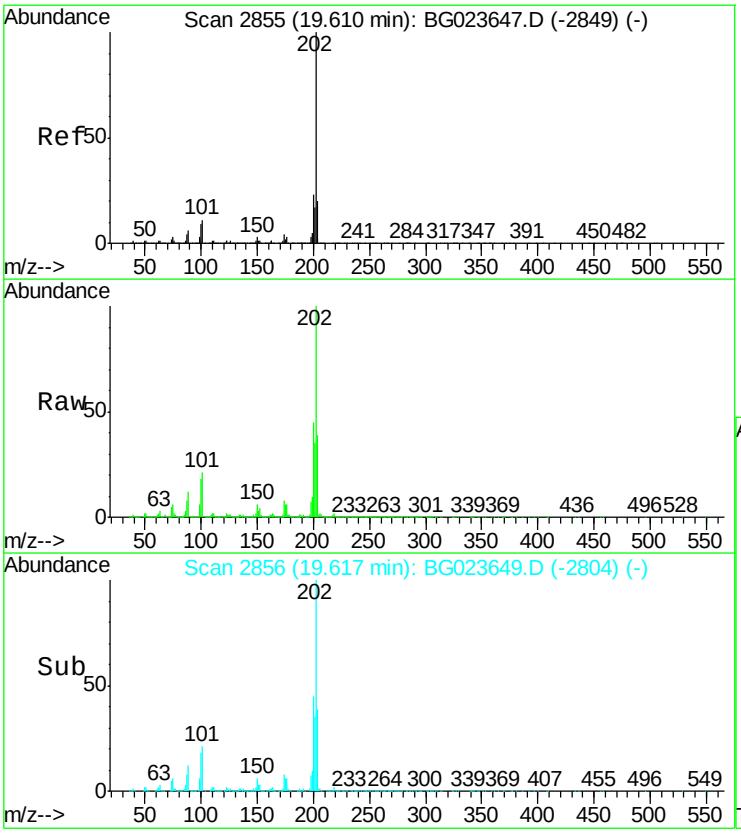
#72
Carbazole
Concen: 2.21 ng/ul
RT: 17.96 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:167 Resp: 141298

Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.2	28.8
139	16.1	10.2	15.4#

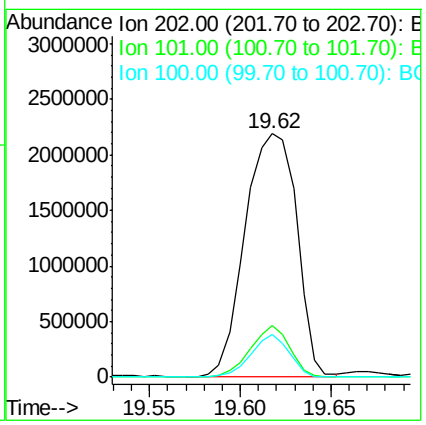


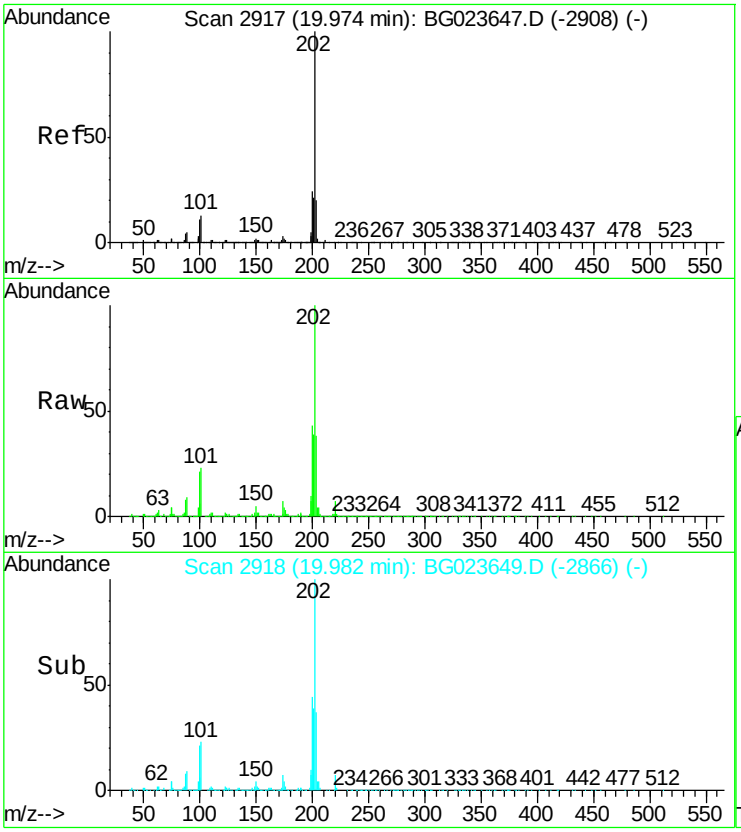


#74
Fluoranthene
Concen: 54.13 ng/ul
RT: 19.62 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:202 Resp: 4304137

Ion	Ratio	Lower	Upper
202	100		
101	21.4	10.6	16.0#
100	17.5	8.7	13.1#



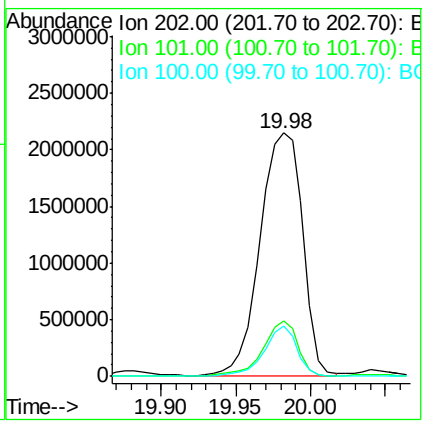


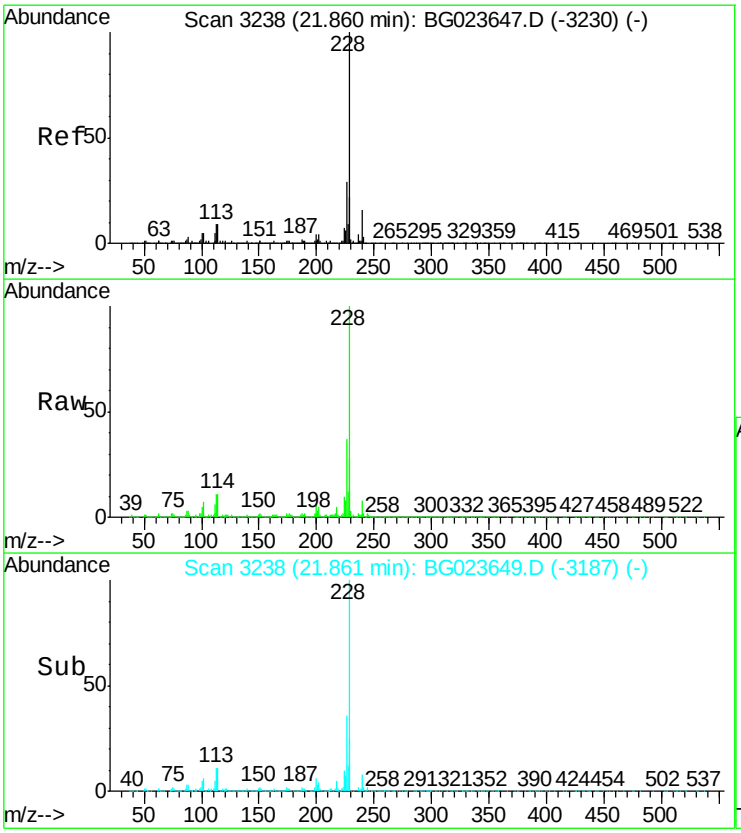
#77
Pyrene
Concen: 59.79 ng/ul
RT: 19.98 min Scan# 2918
Delta R.T. 0.01 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:202 Resp: 4218610

Ion	Ratio	Lower	Upper
202	100		
101	22.6	12.5	18.7#
100	20.6	10.2	15.4#

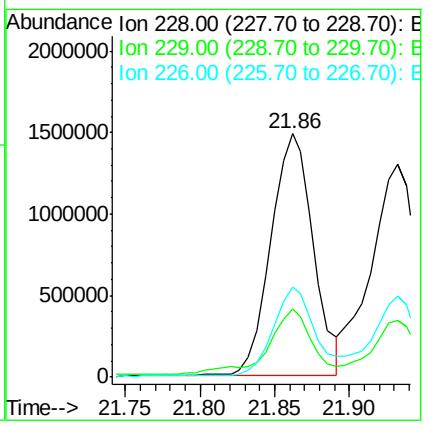


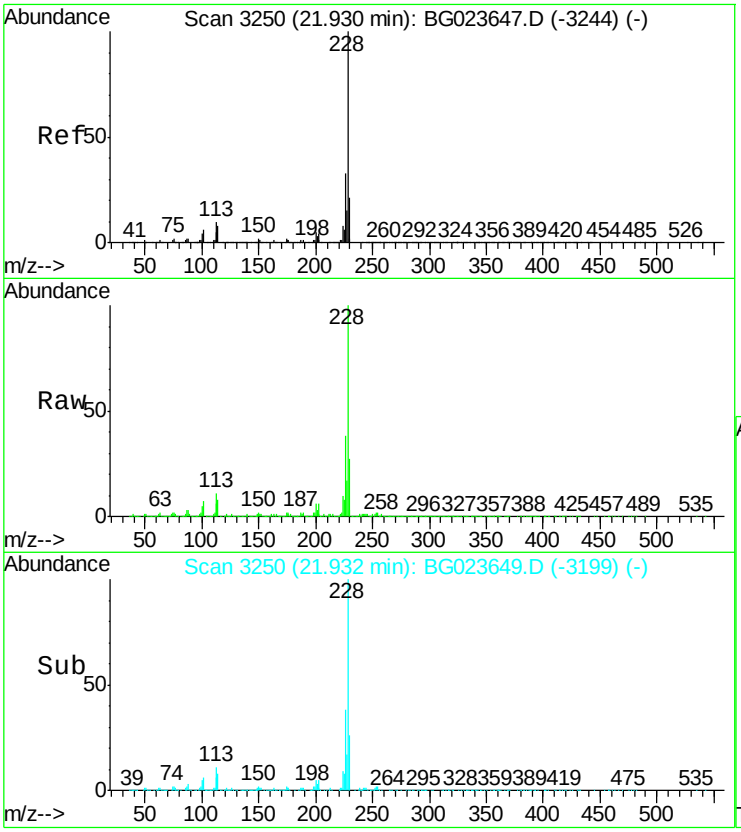


#80
Benzo(a)anthracene
Concen: 45.82 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:228 Resp: 2945176

Ion	Ratio	Lower	Upper
228	100		
229	27.9	15.4	23.2#
226	37.2	22.8	34.2#



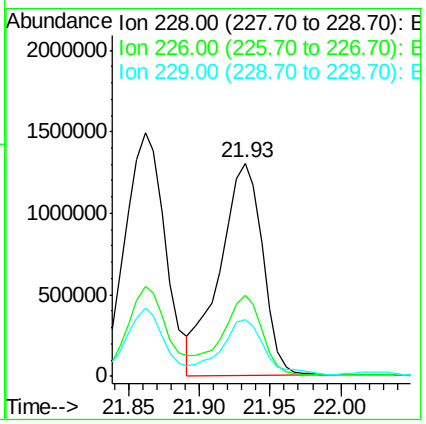


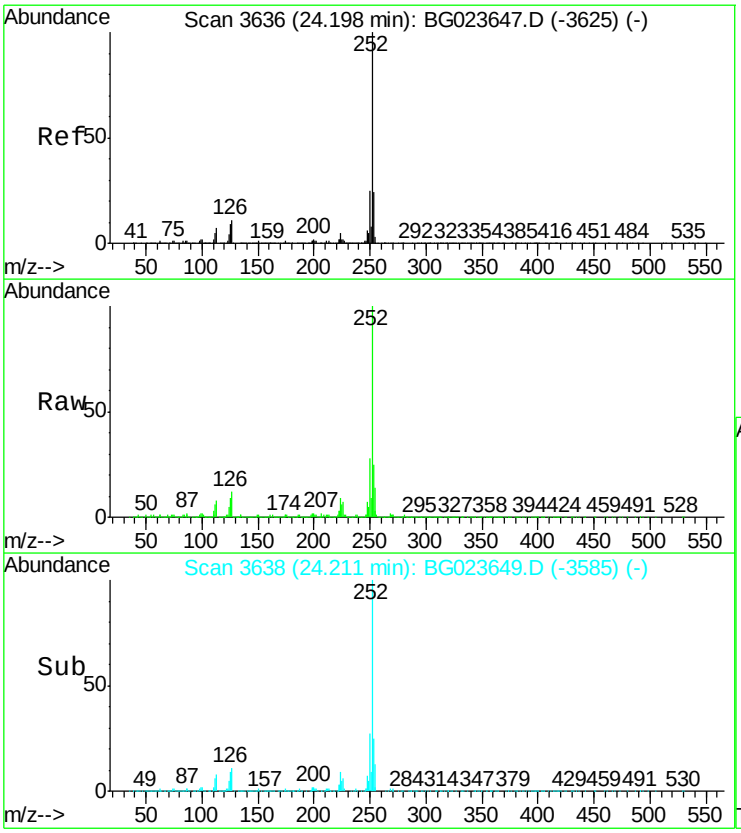
#82
Chrysene
Concen: 47.08 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:228 Resp: 2751594

Ion	Ratio	Lower	Upper
228	100		
226	38.1	24.2	36.4#
229	26.7	15.0	22.6#

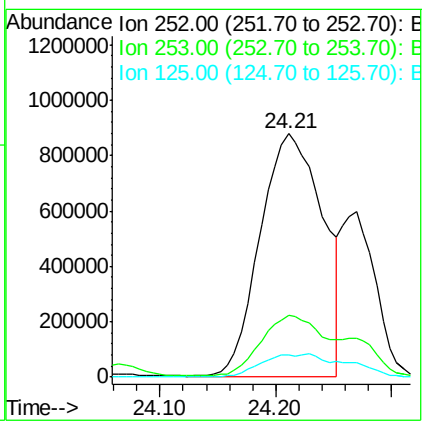


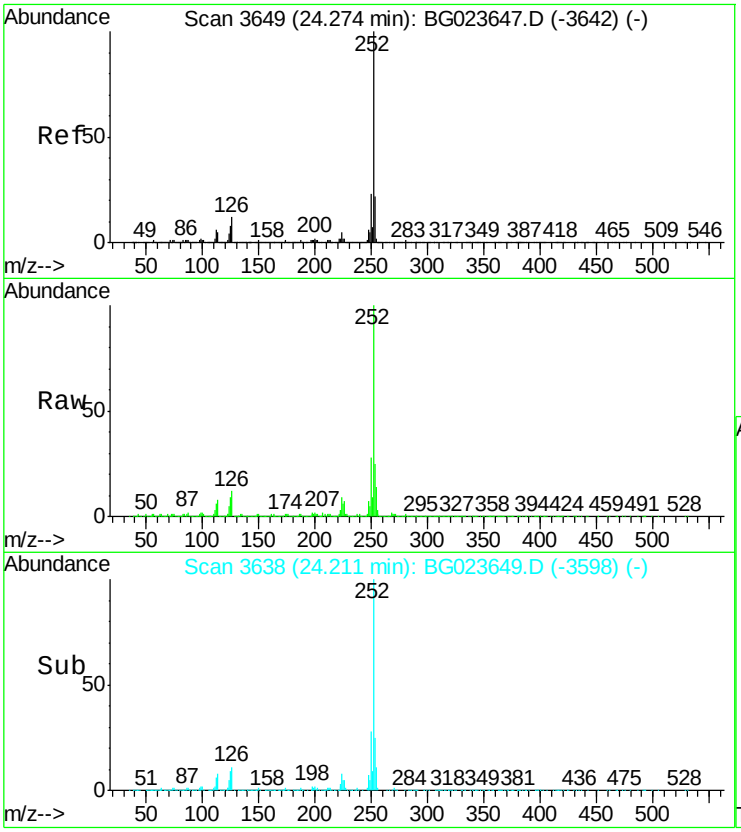


#85
Benzo(b)fluoranthene
Concen: 48.55 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. 0.01 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:252 Resp: 3293624

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.2
125	9.4	10.8	16.2#



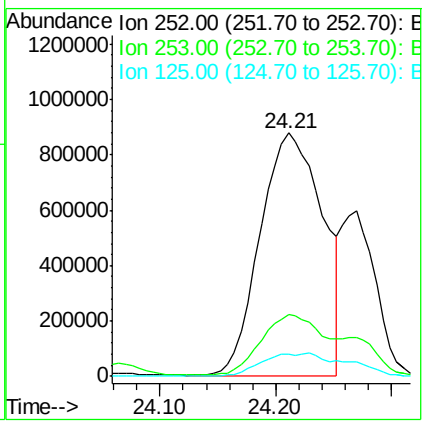


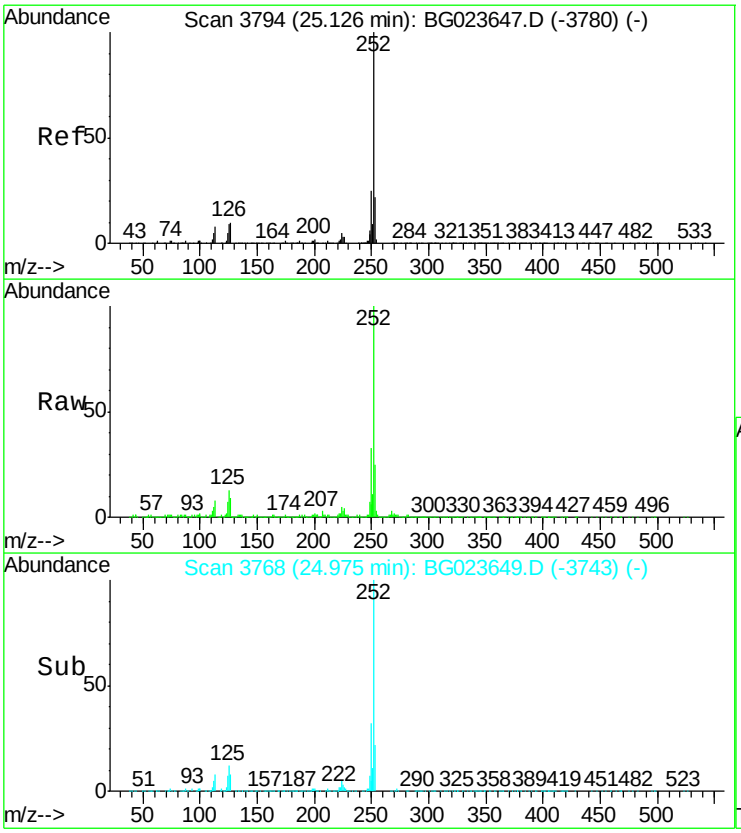
#86
Benzo(k)fluoranthene
Concen: 49.32 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. -0.06 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:252 Resp: 3293624

Ion	Ratio	Lower	Upper
252	100		
253	25.3	15.8	23.6#
125	9.4	10.6	16.0#

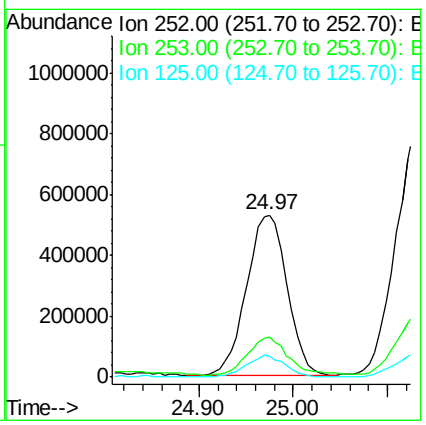


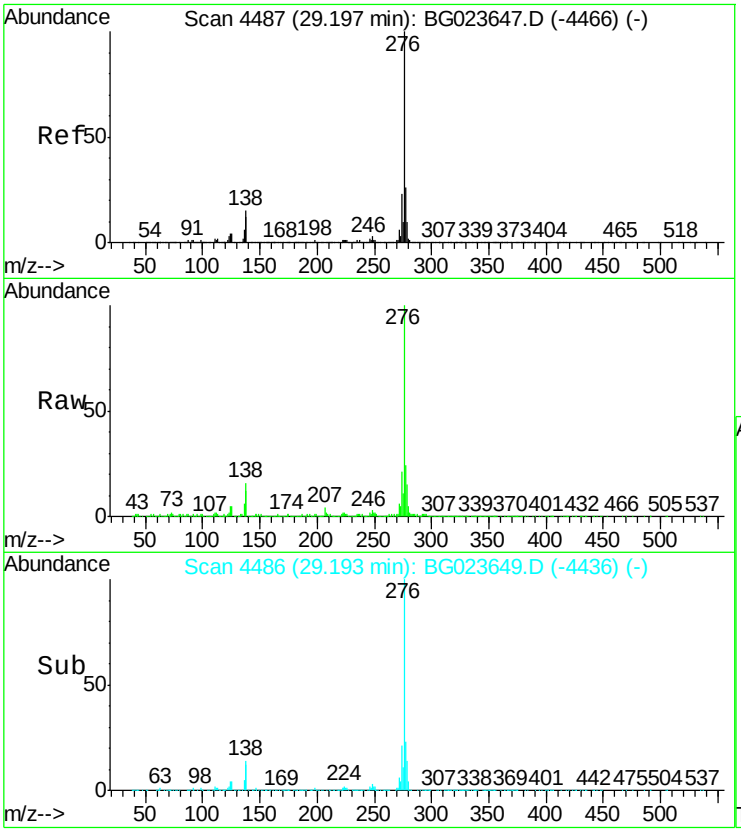


#88
Benzo(a)pyrene
Concen: 24.13 ng/ul
RT: 24.97 min Scan# 3768
Delta R.T. -0.15 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:252 Resp: 1580311

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	12.8	12.0	18.0



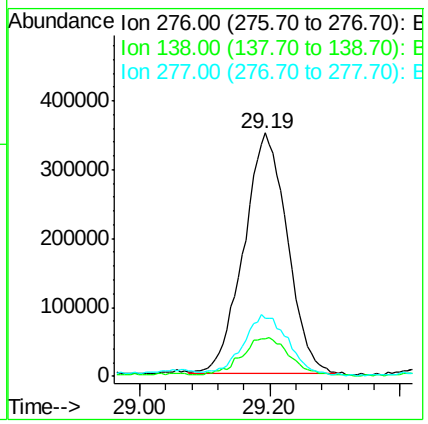


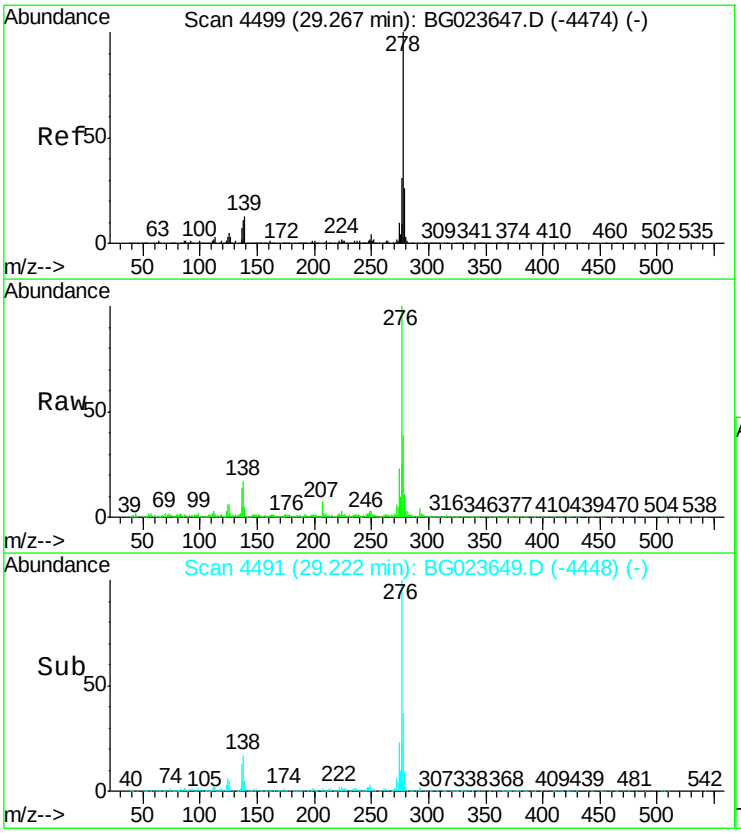
#89
Indeno(1,2,3-cd)pyrene
Concen: 21.00 ng/ul
RT: 29.19 min Scan# 4486
Delta R.T. -0.00 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:276 Resp: 1616256

Ion	Ratio	Lower	Upper
276	100		
138	15.6	20.8	31.2#
277	23.7	17.6	26.4

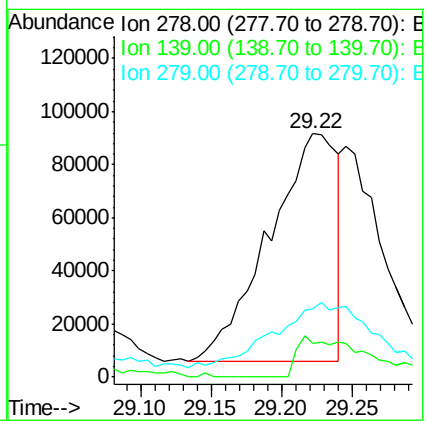


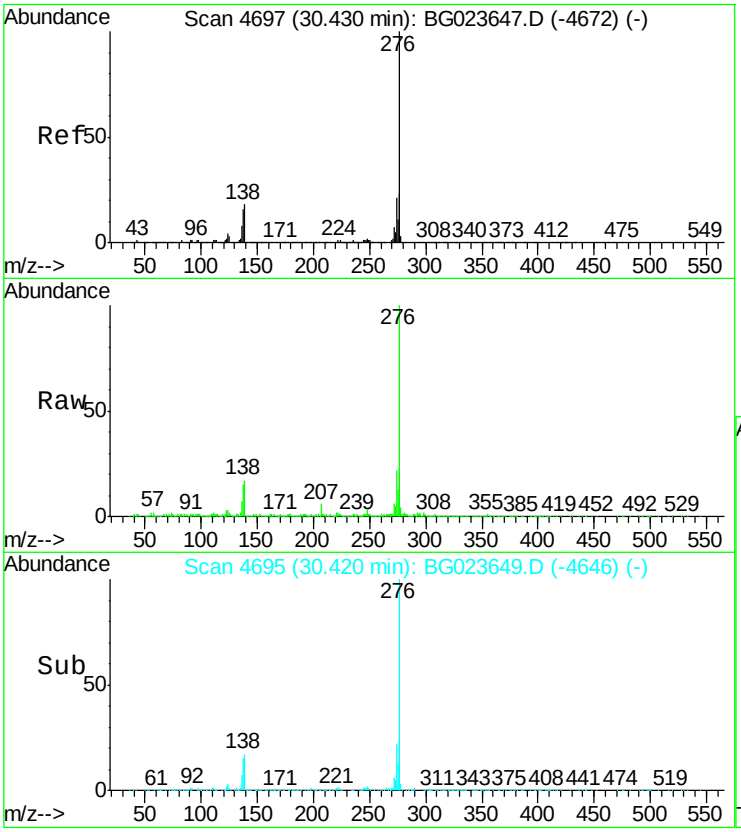


#90
Dibenzo(a,h)anthracene
Concen: 4.35 ng/ul
RT: 29.22 min Scan# 4491
Delta R.T. -0.05 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Tgt Ion:278 Resp: 285768

Ion	Ratio	Lower	Upper
278	100		
139	13.9	16.3	24.5#
279	27.9	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 19.96 ng/ul
RT: 30.42 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BG023649.D
Acq: 12 Aug 2016 10:26

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:276 Resp: 1273580

Ion	Ratio	Lower	Upper
276	100		
138	17.4	22.1	33.1#
277	23.4	17.0	25.4