Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016213.D
Acq On : 31 Mar 2015 22:57
Operator : TP/IZ
Sample : G1647-09 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Time: Apr 01 09:19:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	86533	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	380275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	220342	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	412423	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	410293	20.00	ng/ul	0.01
83) Perylene-d12	23.62	264	396447	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.94	99	45481	5.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	25499	5.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	35593	5.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	35716	5.78	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	18168	5.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	19385	5.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	31993	5.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	30091	3.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	91237	6.26	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	122371	5.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	19131	5.21	ng/ul	0.00
57) Fluorene-d10	15.39	176	84158	5.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	6185	2.19	ng/ul	0.01
70) Anthracene-d10	17.24	188	112977	5.96	ng/ul	0.00
76) Pyrene-d10	19.54	212	111769	6.00	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.46	264	102769	5.75	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.61	128	88552	4.33	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	56972	3.93	ng/ul	95
40) 1,1'-Biphenyl	13.23	154	48730	2.77	ng/ul	98
49) Acenaphthene	14.46	153	474558	30.89	ng/ul	98
53) Dibenzofuran	14.80	168	469637	23.53	ng/ul	99
58) Fluorene	15.45	166	657647	37.60	ng/ul	99
69) Phenanthrene	17.19	178	3125536	133.50	ng/ul#	69
71) Anthracene	17.28	178	1538708	64.29	ng/ul	94
72) Carbazole	17.55	167	351632	15.22	ng/ul	98
74) Fluoranthene	19.22	202	3656513	140.51	ng/ul#	67
77) Pyrene	19.57	202	3368390	132.26	ng/ul#	69
80) Benzo(a)anthracene	21.31	228	2035666	85.71	ng/ul#	84
82) Chrysene	21.37	228	1733014	78.56	ng/ul#	87
85) Benzo(b)fluoranthene	22.93	252	2294837	96.92	ng/ul#	91
86) Benzo(k)fluoranthene	22.97	252	1021264m	44.77	ng/ul	
88) Benzo(a)pyrene	23.52	252	1871669	82.91	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.97	276	1168849	44.29	ng/ul	93
90) Dibenzo(a,h)anthracene	25.96	278	302560	13.77	ng/ul#	72
91) Benzo(g,h,i)perylene	26.69	276	922090	42.74	ng/ul	99

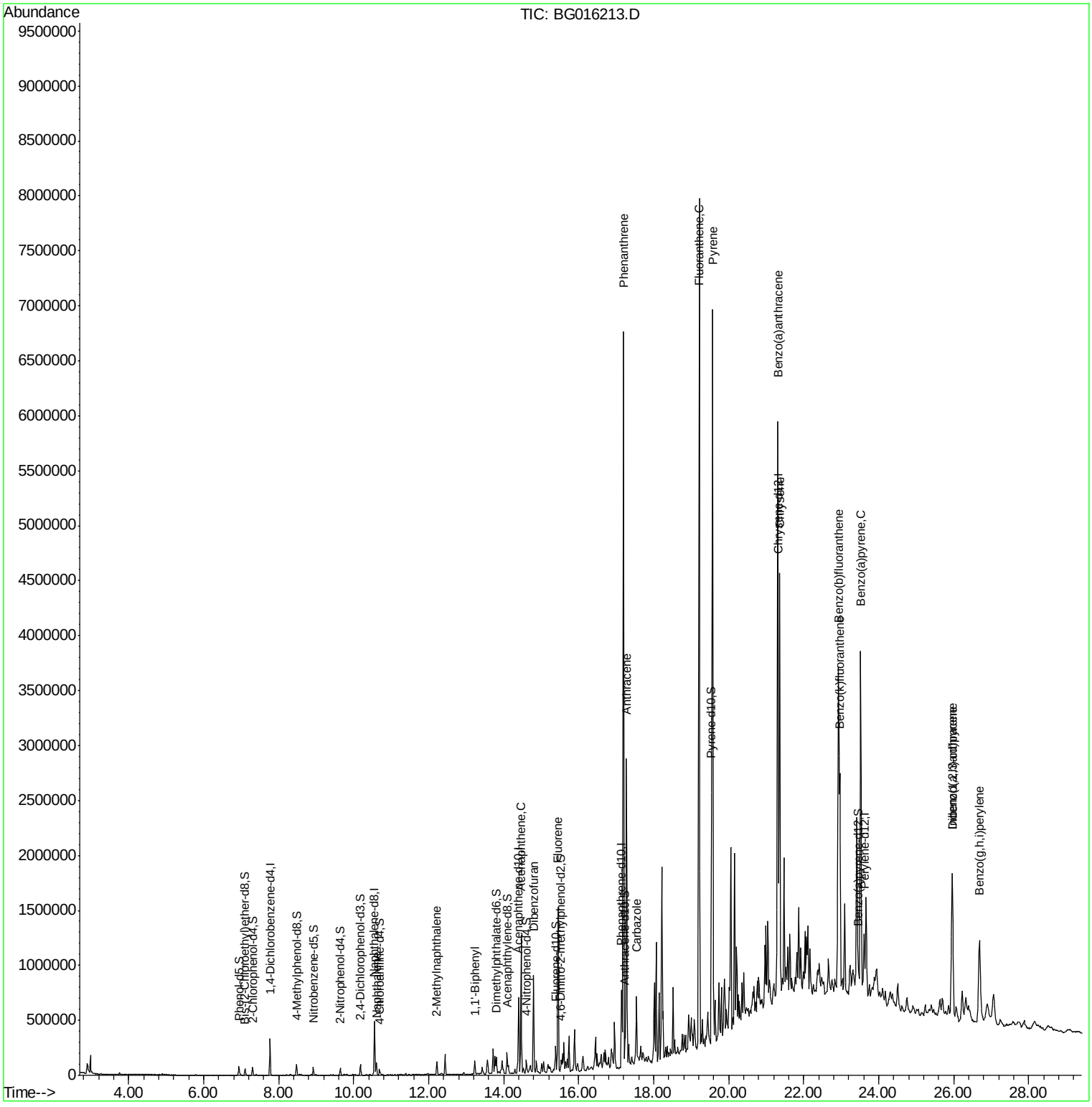
(#) = qualifier out of range (m) = manual integration (+) = signals summed

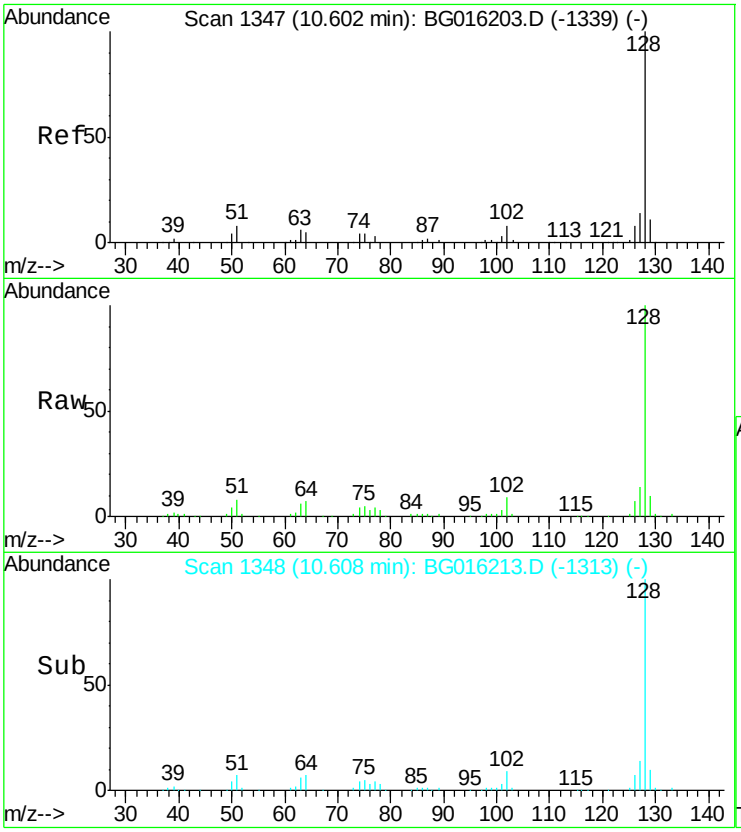
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016213.D
Acq On : 31 Mar 2015 22:57
Operator : TP/IZ
Sample : G1647-09 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Quant Time: Apr 01 09:19:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration



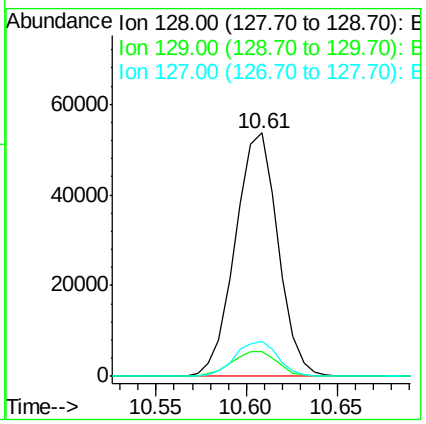


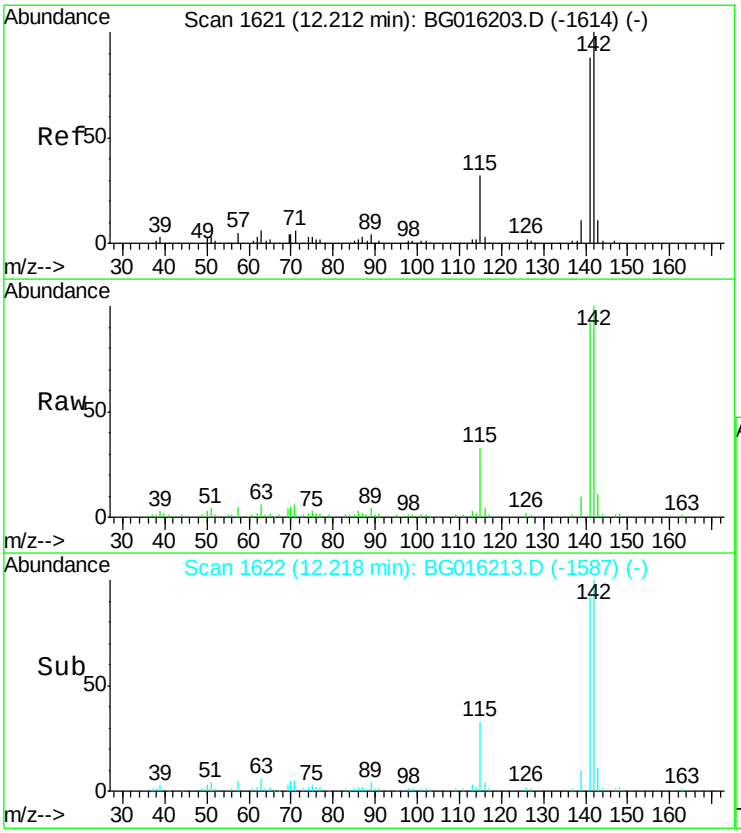
#28
Naphthalene
Concen: 4.33 ng/ul
RT: 10.61 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:128 Resp: 88552

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.2	13.8
127	14.3	11.4	17.0

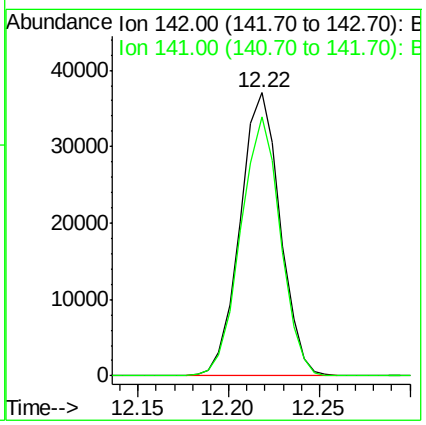


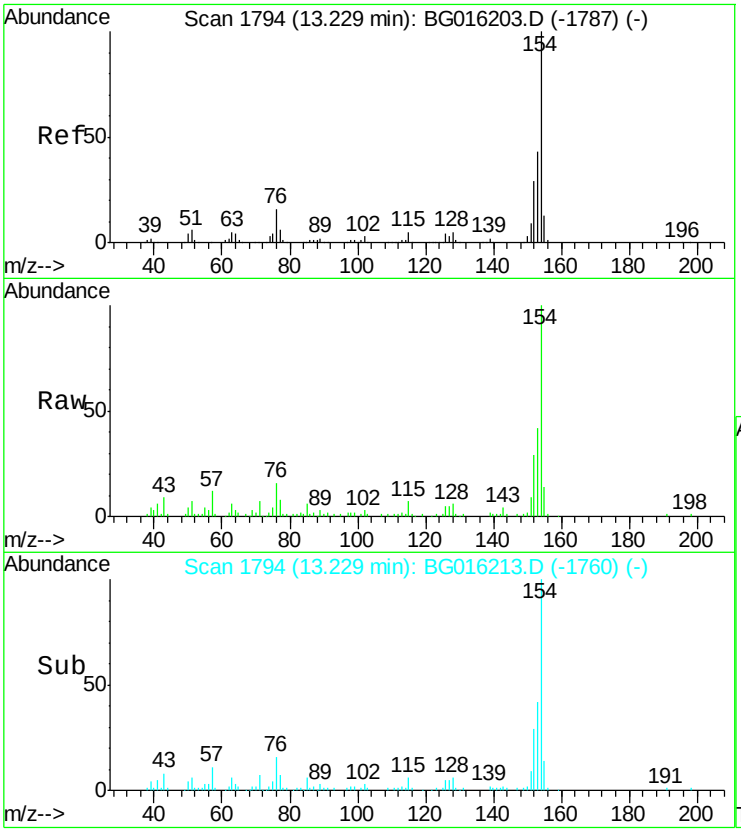


#34
2-Methylnaphthalene
Concen: 3.93 ng/ul
RT: 12.22 min Scan# 1622
Delta R.T. 0.01 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:142 Resp: 56972

Ion	Ratio	Lower	Upper
142	100		
141	91.6	69.7	104.5



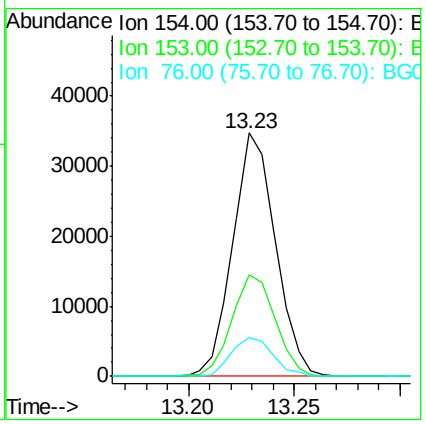


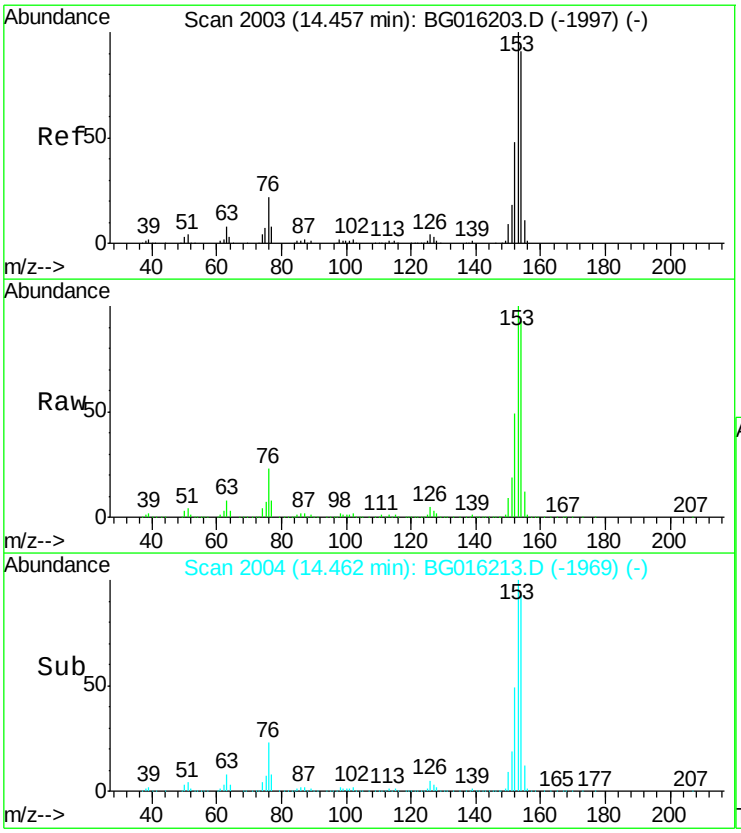
#40
1,1'-Biphenyl
Concen: 2.77 ng/ul
RT: 13.23 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:154 Resp: 48730

Ion	Ratio	Lower	Upper
154	100		
153	41.5	34.5	51.7
76	15.9	11.8	17.8

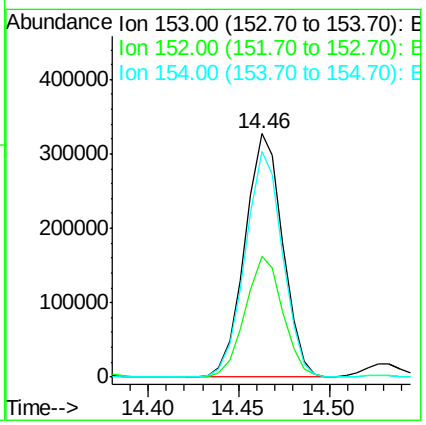


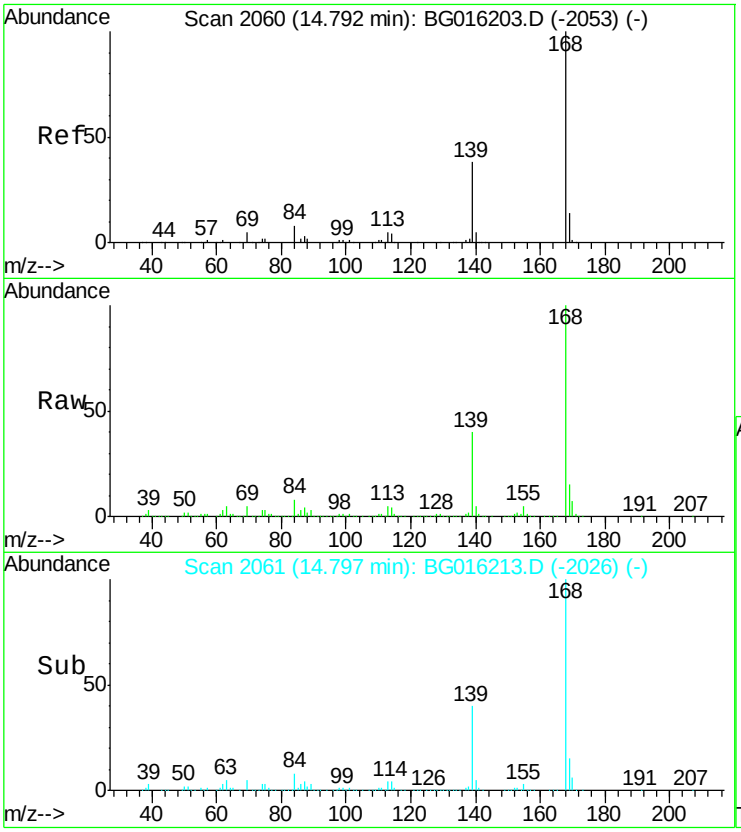


#49
Acenaphthene
Concen: 30.89 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:153 Resp: 474558

Ion	Ratio	Lower	Upper
153	100		
152	49.4	39.0	58.4
154	92.8	72.5	108.7



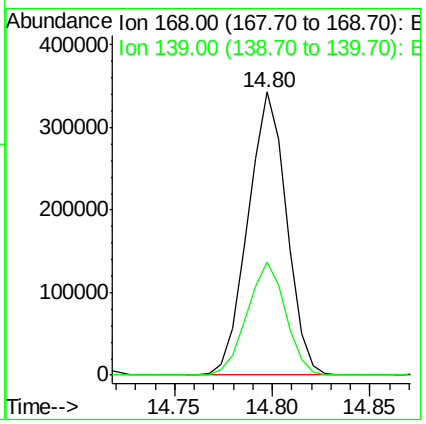


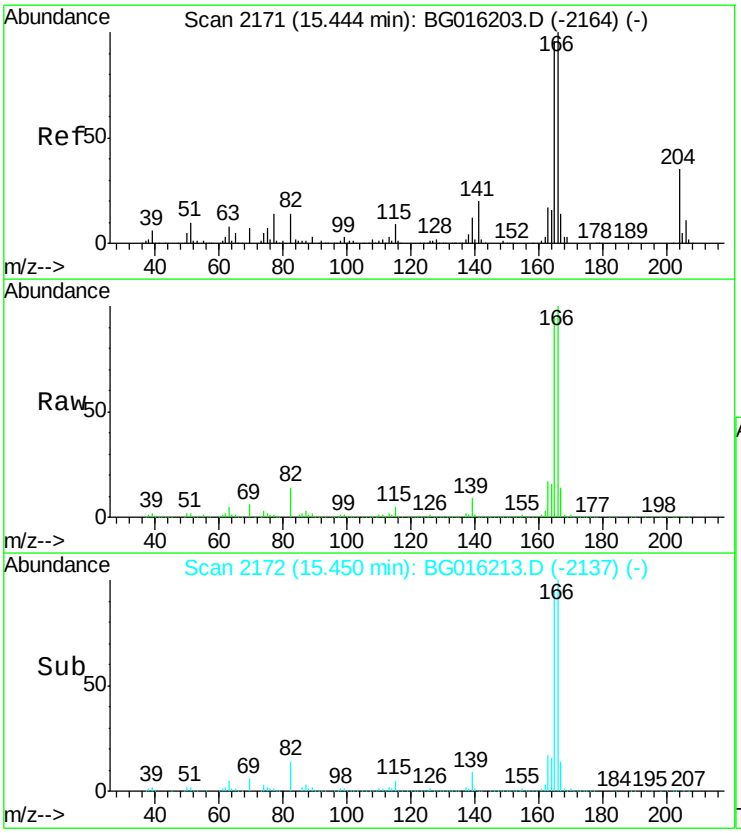
#53
Dibenzofuran
Concen: 23.53 ng/ul
RT: 14.80 min Scan# 2061
Delta R.T. 0.01 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:168 Resp: 469637

Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.4	47.0

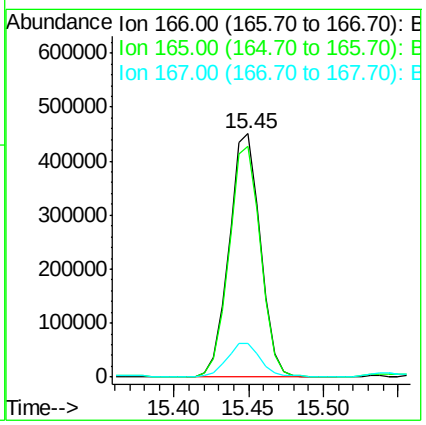


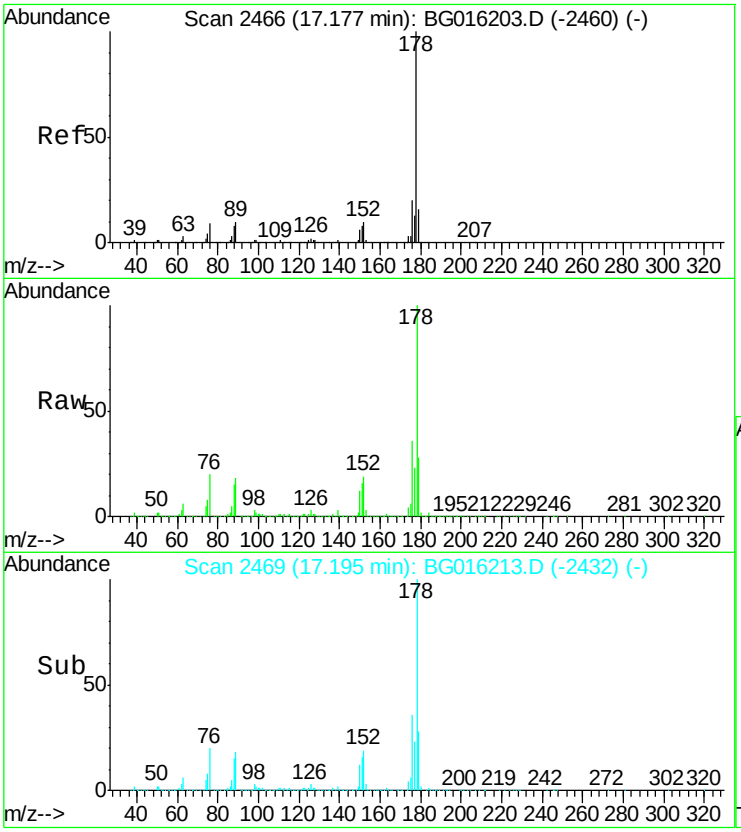


#58
Fluorene
Concen: 37.60 ng/ul
RT: 15.45 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:166 Resp: 657647

Ion	Ratio	Lower	Upper
166	100		
165	95.0	75.6	113.4
167	13.9	10.7	16.1



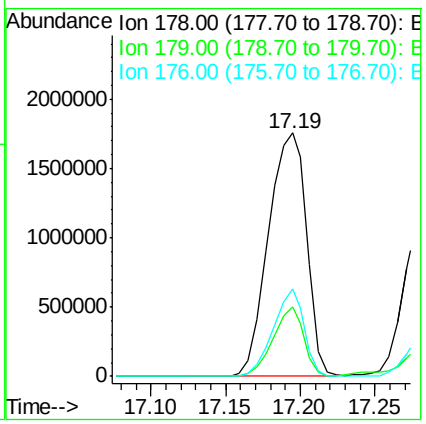


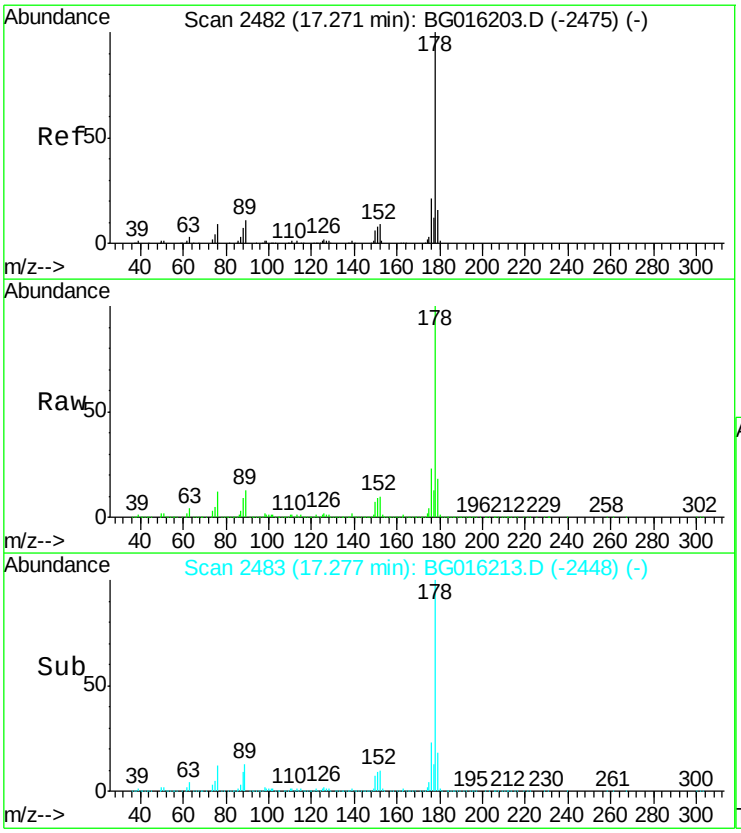
#69
Phenanthrene
Concen: 133.50 ng/ul
RT: 17.19 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:178 Resp: 3125536

Ion	Ratio	Lower	Upper
178	100		
179	28.5	12.6	19.0#
176	35.7	16.6	24.8#

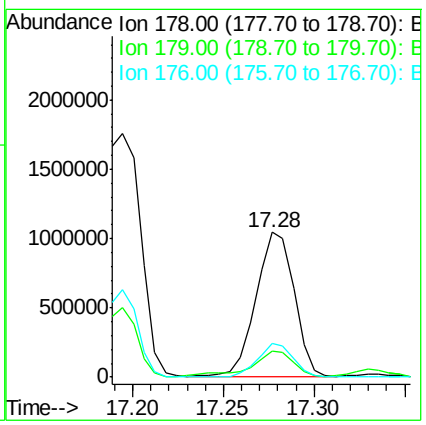


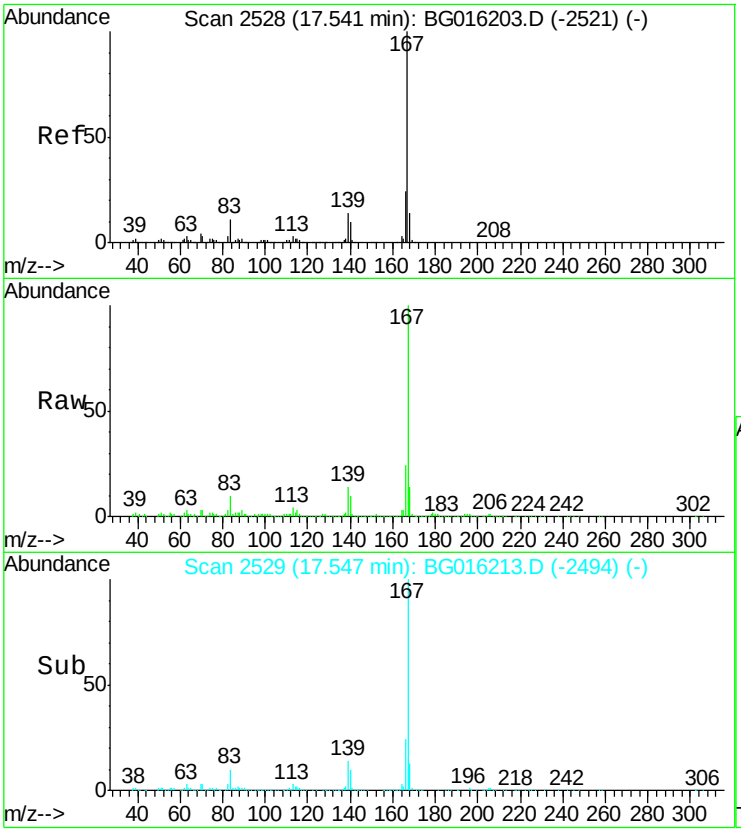


#71
Anthracene
Concen: 64.29 ng/ul
RT: 17.28 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:178 Resp: 1538708

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.4
176	22.9	15.9	23.9



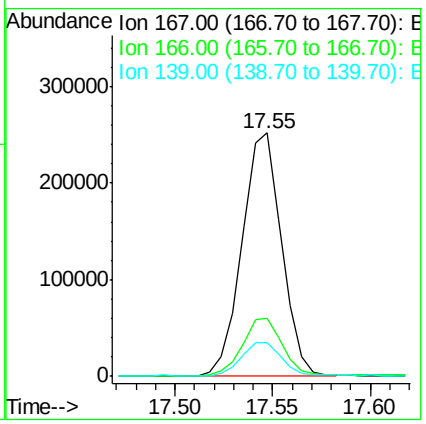


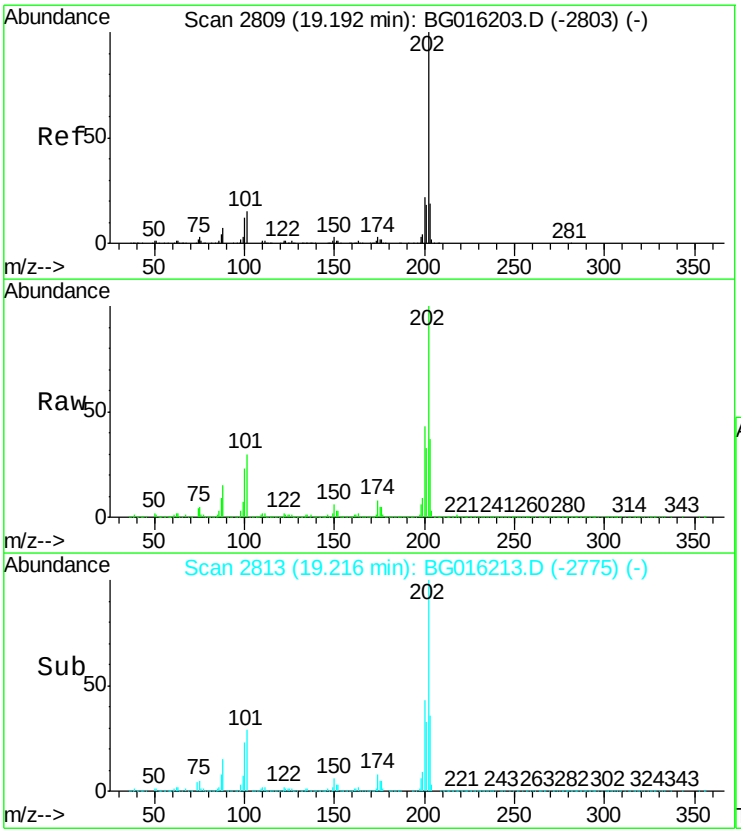
#72
Carbazole
Concen: 15.22 ng/ul
RT: 17.55 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:167 Resp: 351632

Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.4	27.6
139	14.1	10.7	16.1

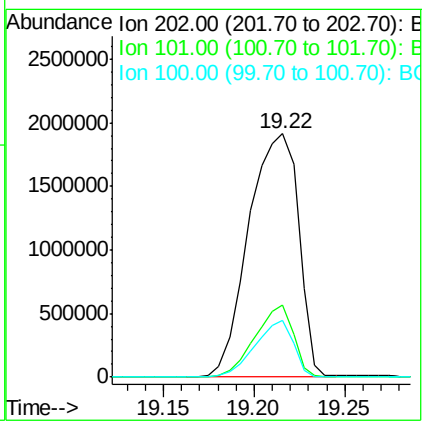


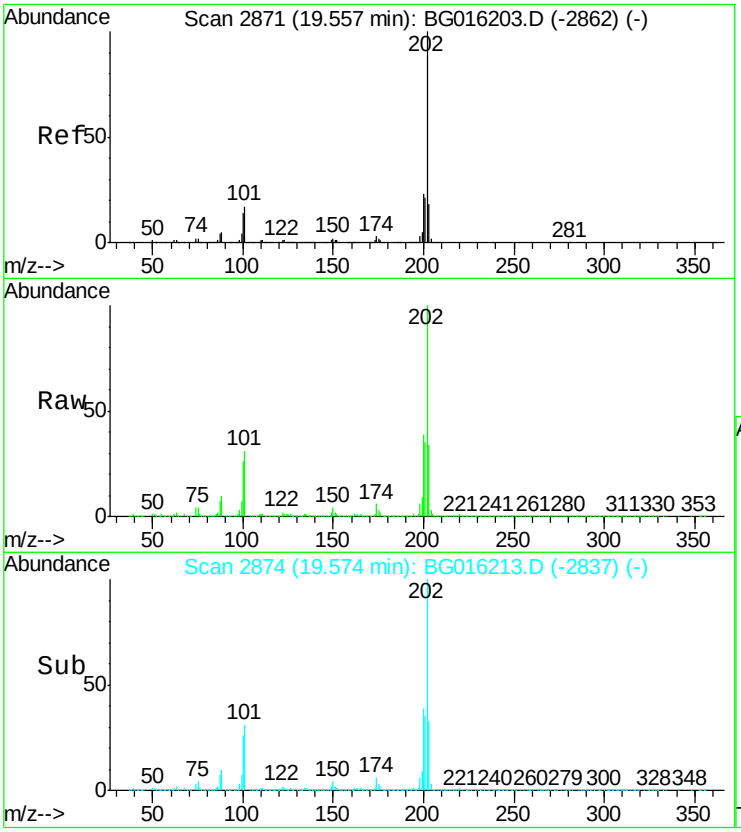


#74
Fluoranthene
Concen: 140.51 ng/ul
RT: 19.22 min Scan# 2813
Delta R.T. 0.02 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:202 Resp: 3656513

Ion	Ratio	Lower	Upper
202	100		
101	29.5	11.8	17.8#
100	23.3	9.4	14.0#



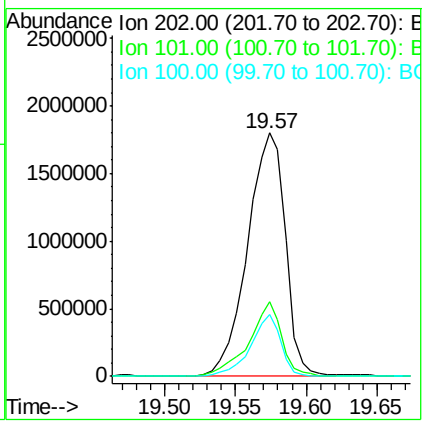


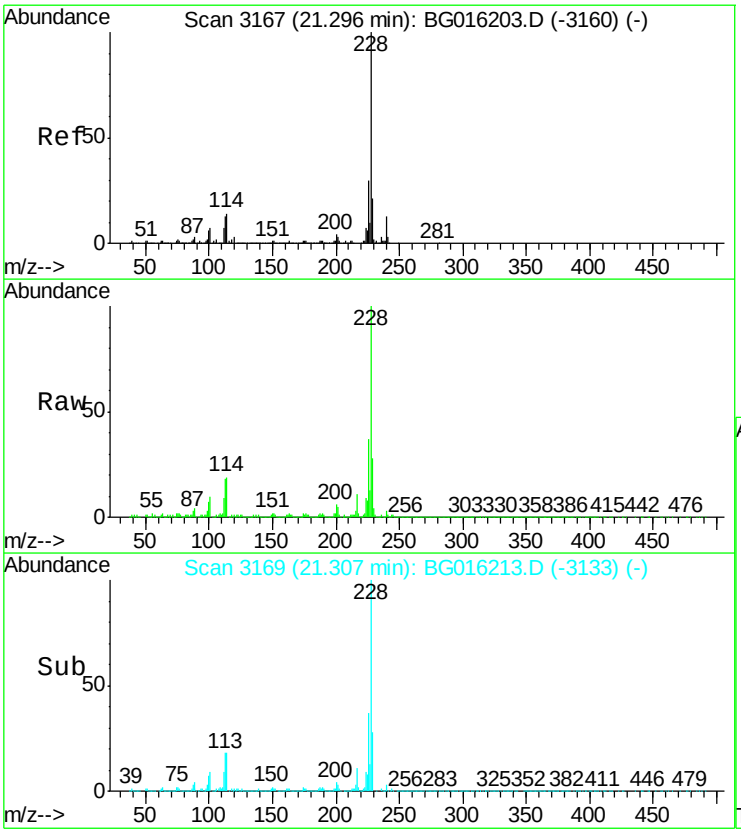
#77
Pyrene
Concen: 132.26 ng/ul
RT: 19.57 min Scan# 2874
Delta R.T. 0.02 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:202 Resp: 3368390

Ion	Ratio	Lower	Upper
202	100		
101	30.6	13.4	20.0#
100	25.5	11.1	16.7#

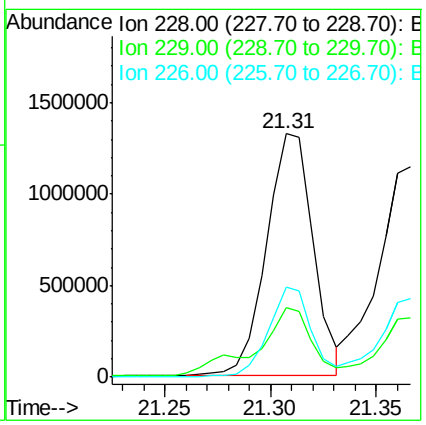


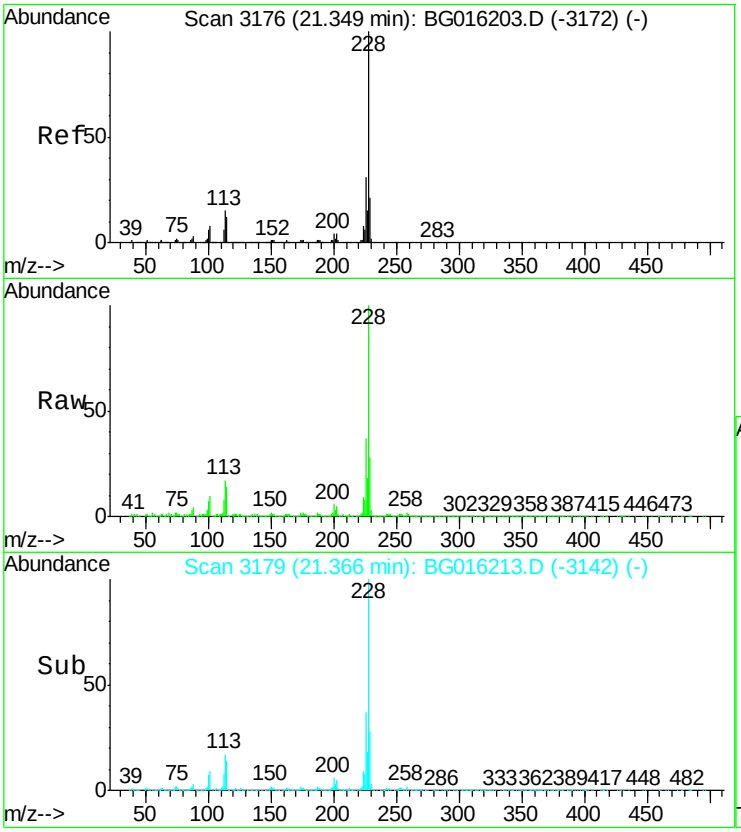


#80
Benzo(a)anthracene
Concen: 85.71 ng/ul
RT: 21.31 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:228 Resp: 2035666

Ion	Ratio	Lower	Upper
228	100		
229	28.4	16.5	24.7#
226	36.8	23.0	34.4#



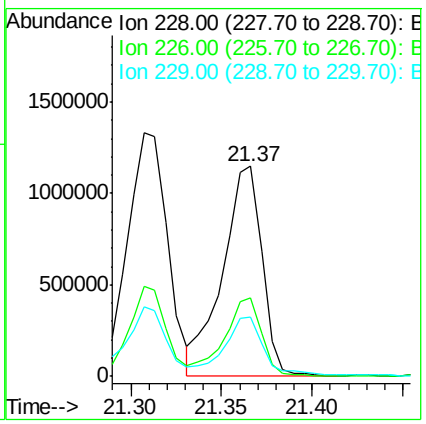


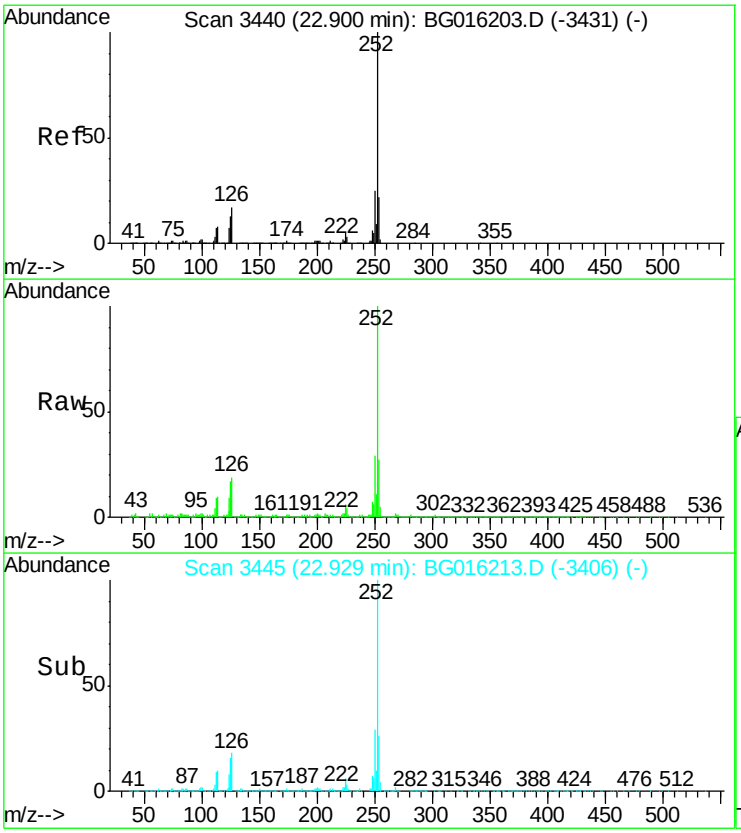
#82
Chrysene
Concen: 78.56 ng/ul
RT: 21.37 min Scan# 3179
Delta R.T. 0.02 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:228 Resp: 1733014

Ion	Ratio	Lower	Upper
228	100		
226	37.3	25.4	38.0
229	28.4	16.5	24.7#

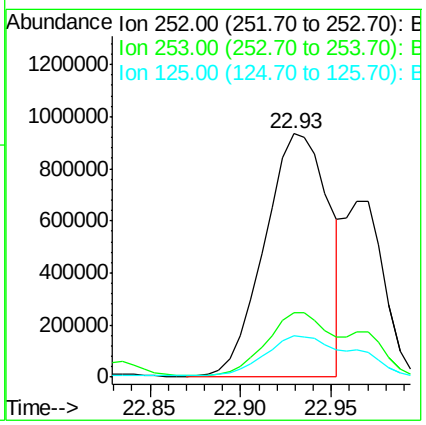


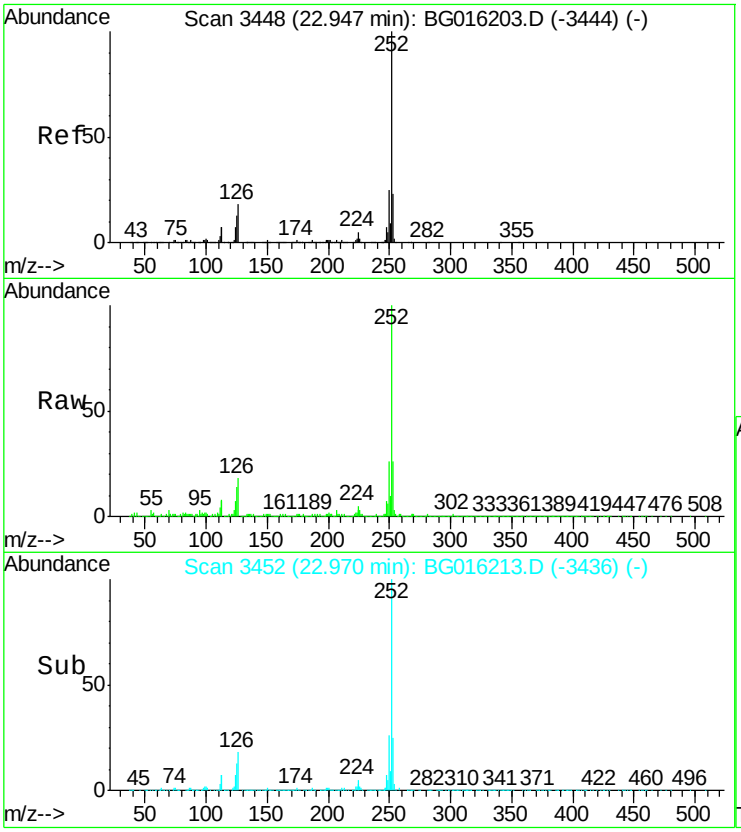


#85
Benzo(b)fluoranthene
Concen: 96.92 ng/ul
RT: 22.93 min Scan# 3445
Delta R.T. 0.03 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:252 Resp: 2294837

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.6
125	16.8	10.6	15.8#



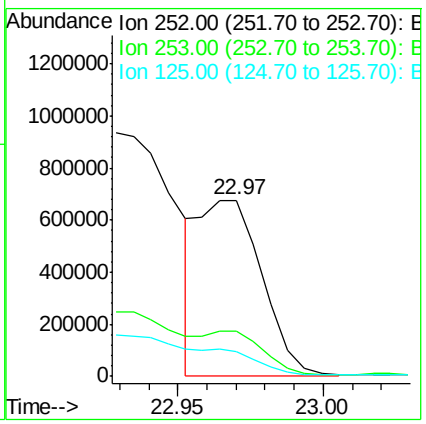


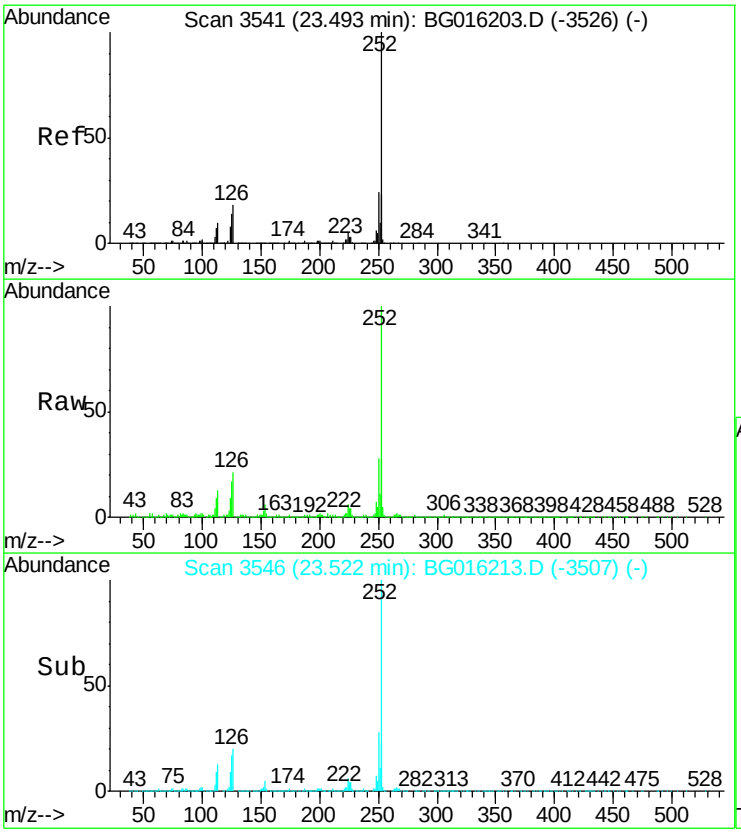
#86
Benzo(k)fluoranthene
Concen: 44.77 ng/ul m
RT: 22.97 min Scan# 3452
Delta R.T. 0.02 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:252 Resp: 1021264

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.6	28.0
125	14.0	11.8	17.6

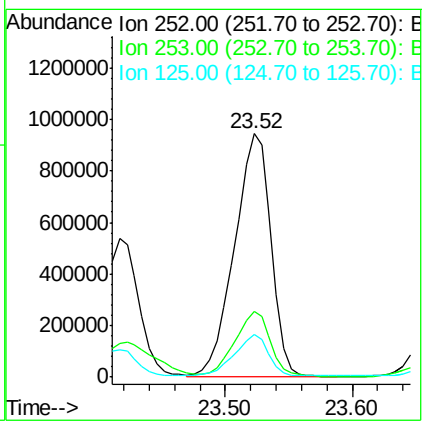


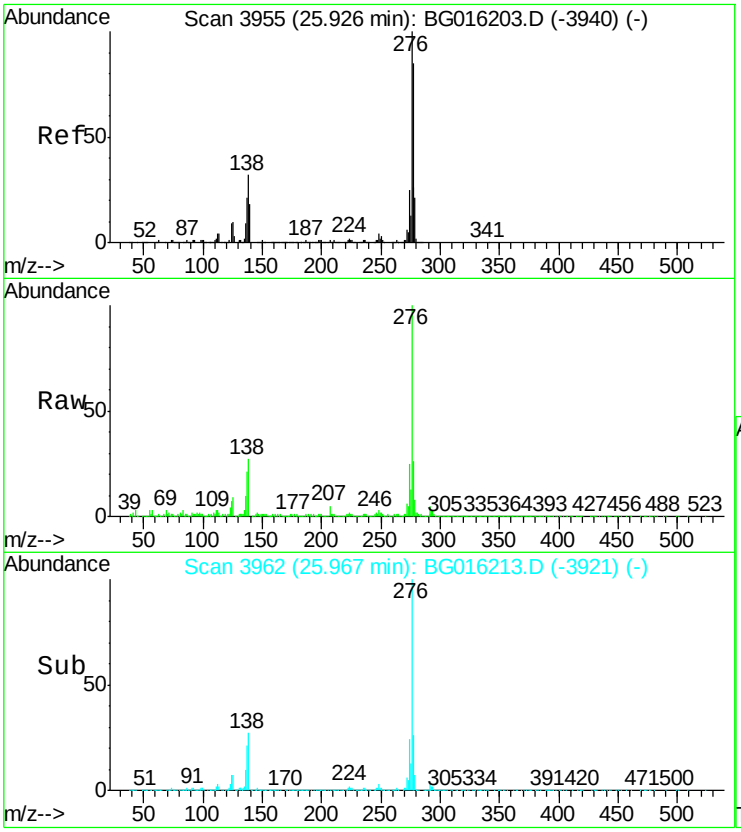


#88
Benzo(a)pyrene
Concen: 82.91 ng/ul
RT: 23.52 min Scan# 3546
Delta R.T. 0.03 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:252 Resp: 1871669

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.7	26.5#
125	17.5	12.1	18.1



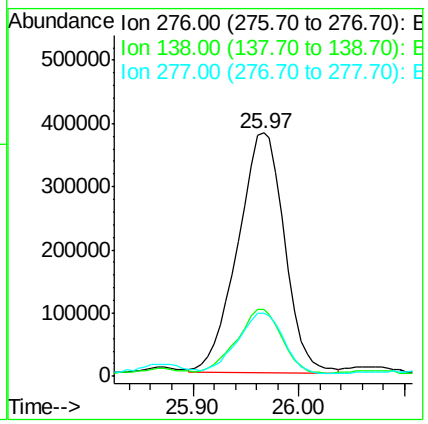


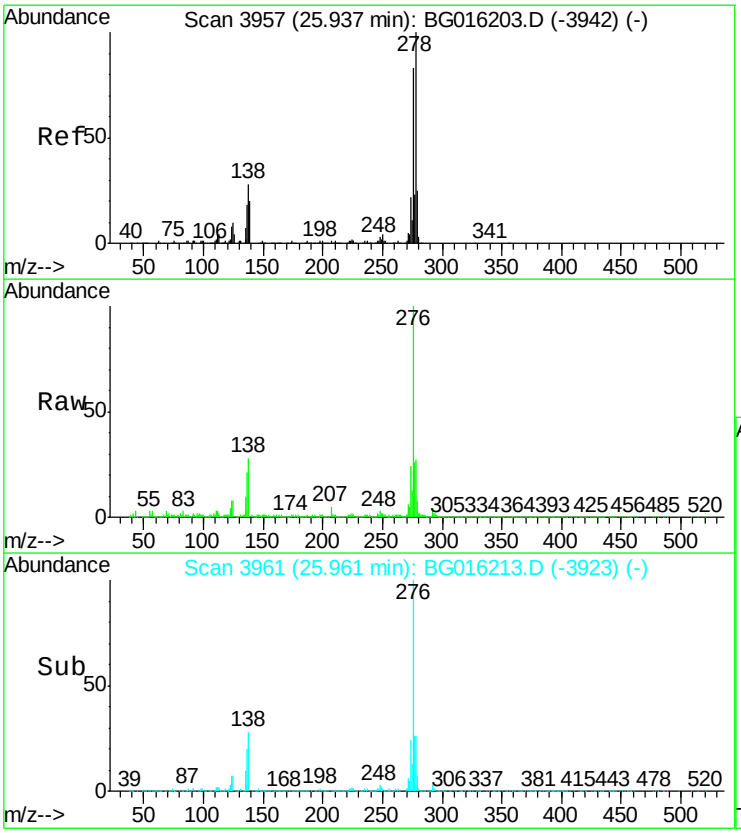
#89
Indeno(1,2,3-cd)pyrene
Concen: 44.29 ng/ul
RT: 25.97 min Scan# 3962
Delta R.T. 0.04 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:276 Resp: 1168849

Ion	Ratio	Lower	Upper
276	100		
138	27.4	27.0	40.6
277	26.0	21.8	32.6

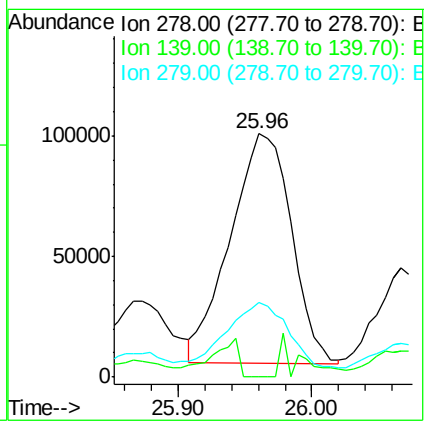


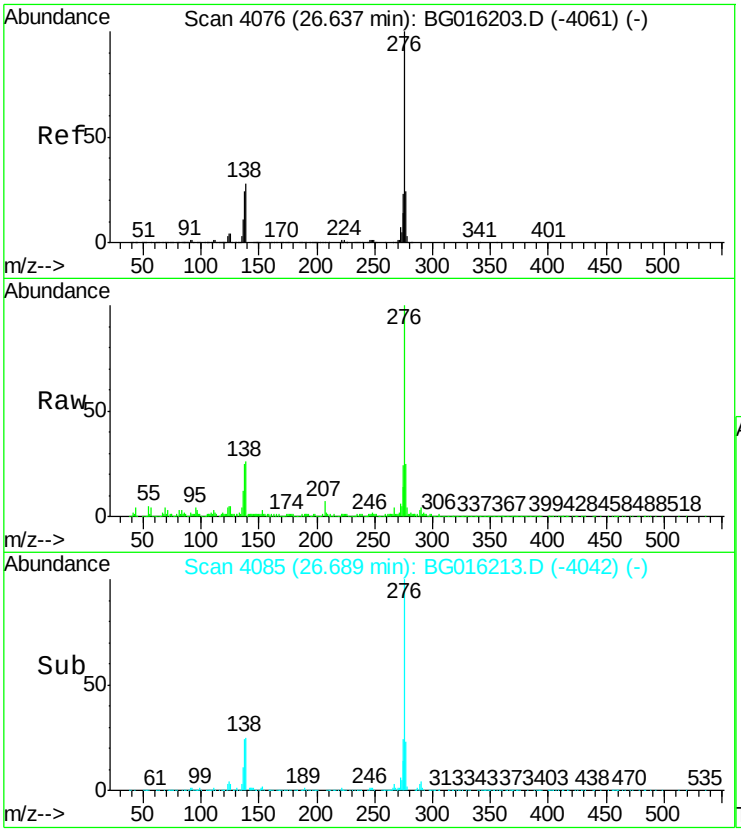


#90
Dibenzo(a,h)anthracene
Concen: 13.77 ng/ul
RT: 25.96 min Scan# 3961
Delta R.T. 0.02 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Tgt Ion:278 Resp: 302560

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	30.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 42.74 ng/ul
RT: 26.69 min Scan# 4085
Delta R.T. 0.05 min
Lab File: BG016213.D
Acq: 31 Mar 2015 22:57

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tgt Ion:276 Resp: 922090

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.0	31.6
277	25.2	19.2	28.8