Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040215\
Data File : BG016221.D
Acq On : 2 Apr 2015 12:36
Operator : TP/IZ
Sample : G1647-09DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8DL

Quant Time: Apr 03 04:26:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 03 05:14:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	65389	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.49	136	288876	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	174241	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	356824	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	351137	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	344053	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.87	99	9700	1.62	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	5523	1.59	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.23	132	7678	1.63	ng/ul	-0.01
13) 4-Methylphenol-d8	8.40	113	7976	1.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.86	128	4586	1.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	4666	1.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	6744	1.53	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.62	131	5027	0.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	21778	1.89	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	29313	1.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	4148	1.43	ng/ul	0.00
57) Fluorene-d10	15.34	176	21188	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	1971	0.81	ng/ul	0.00
70) Anthracene-d10	17.19	188	29636	1.81	ng/ul	0.00
76) Pyrene-d10	19.48	212	30436	1.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	26281	1.69	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.54	128	20624	1.33	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	13371	1.22	ng/ul	96
49) Acenaphthene	14.41	153	116830	9.62	ng/ul	98
53) Dibenzofuran	14.74	168	115048	7.29	ng/ul	97
58) Fluorene	15.39	166	163984	11.86	ng/ul	100
69) Phenanthrene	17.13	178	1101269	54.37	ng/ul	97
71) Anthracene	17.22	178	430844	20.81	ng/ul	99
72) Carbazole	17.49	167	93840	4.69	ng/ul	97
74) Fluoranthene	19.15	202	1402667	62.30	ng/ul	98
77) Pyrene	19.51	202	1169759	53.67	ng/ul	99
80) Benzo(a)anthracene	21.25	228	597687	29.41	ng/ul	99
82) Chrysene	21.31	228	488172	25.86	ng/ul	97
85) Benzo(b)fluoranthene	22.85	252	640648	31.18	ng/ul	97
86) Benzo(k)fluoranthene	22.85	252	190535	9.62	ng/ul	100
88) Benzo(a)pyrene	23.42	252	493980	25.22	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.81	276	306444	13.38	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.82	278	78013	4.09	ng/ul	94
91) Benzo(g,h,i)perylene	26.52	276	239575	12.80	ng/ul	99

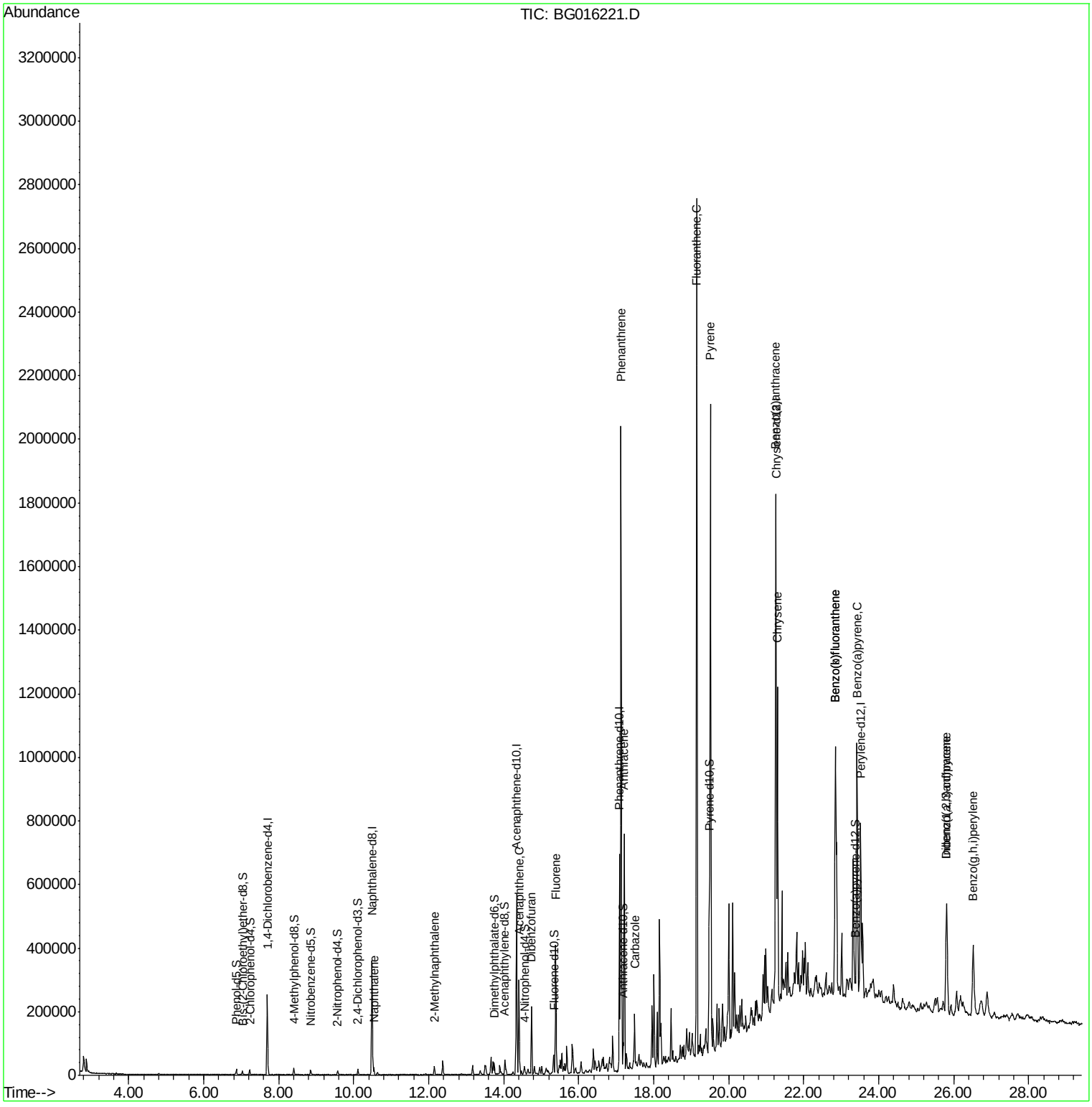
(#) = qualifier out of range (m) = manual integration (+) = signals summed

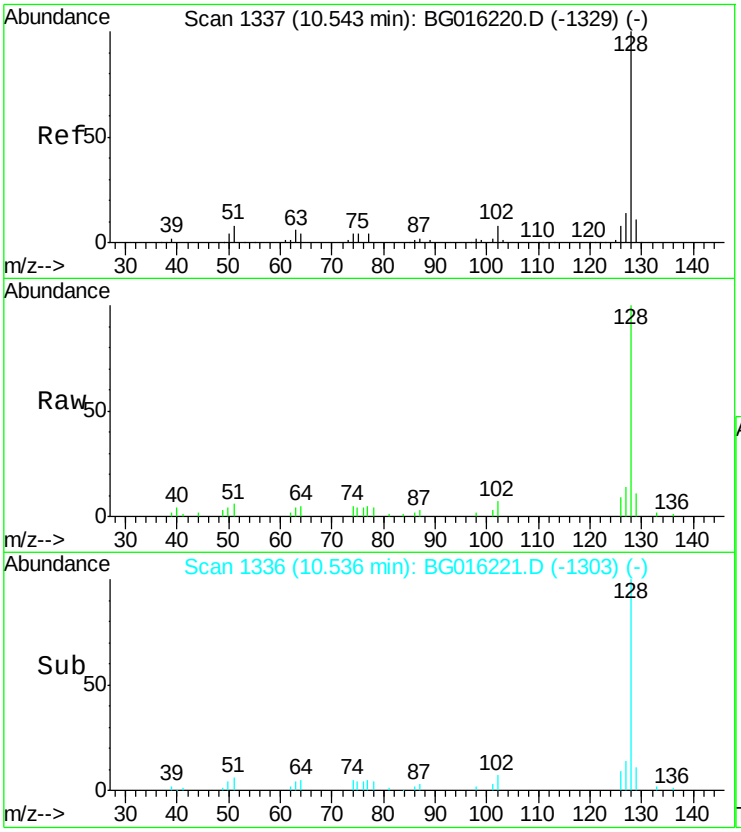
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040215\
Data File : BG016221.D
Acq On : 2 Apr 2015 12:36
Operator : TP/IZ
Sample : G1647-09DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Quant Time: Apr 03 04:26:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 03 05:14:56 2015
Response via : Initial Calibration



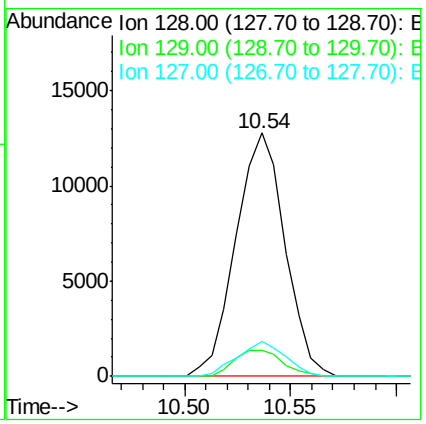


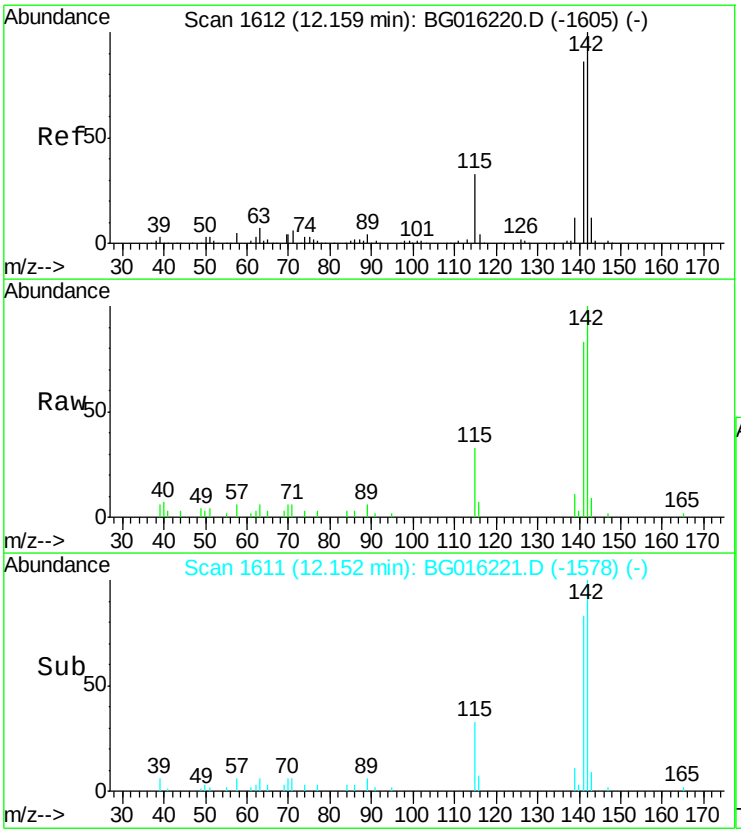
#28
Naphthalene
Concen: 1.33 ng/ul
RT: 10.54 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:128 Resp: 20624

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.2	13.8
127	14.3	11.4	17.0

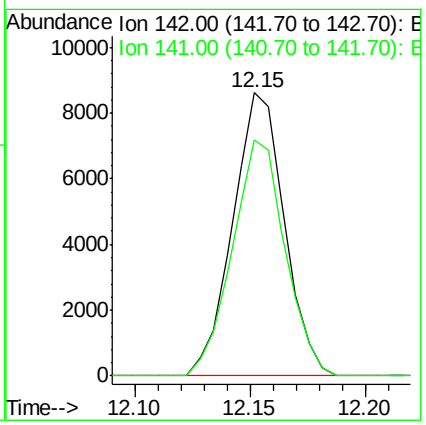


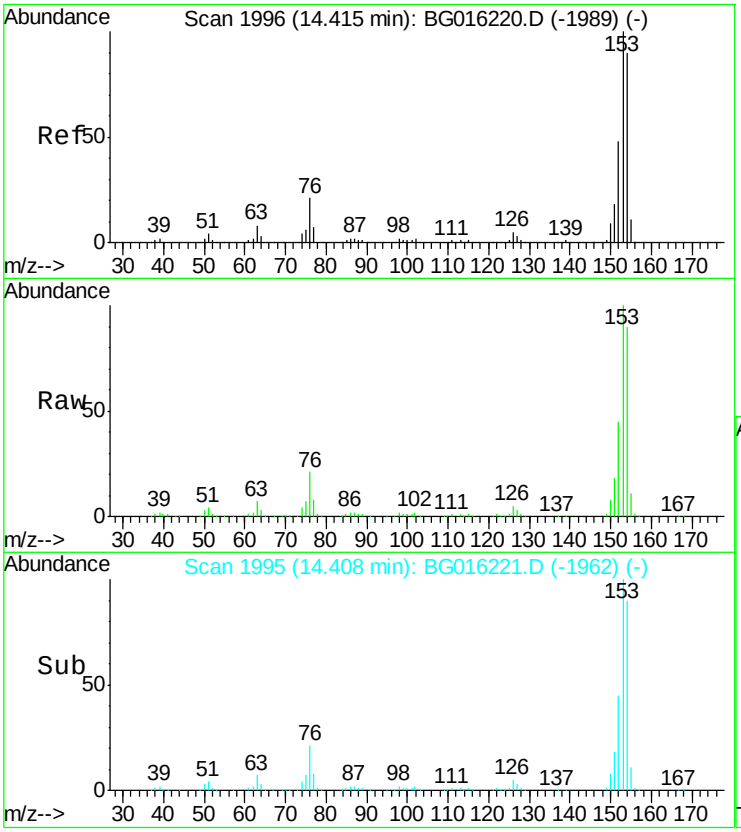


#34
2-Methylnaphthalene
Concen: 1.22 ng/ul
RT: 12.15 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:142 Resp: 13371

Ion	Ratio	Lower	Upper
142	100		
141	83.2	69.7	104.5



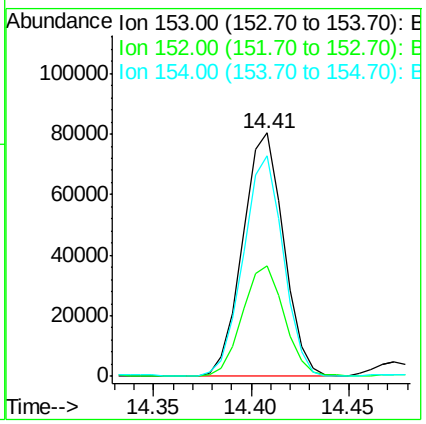


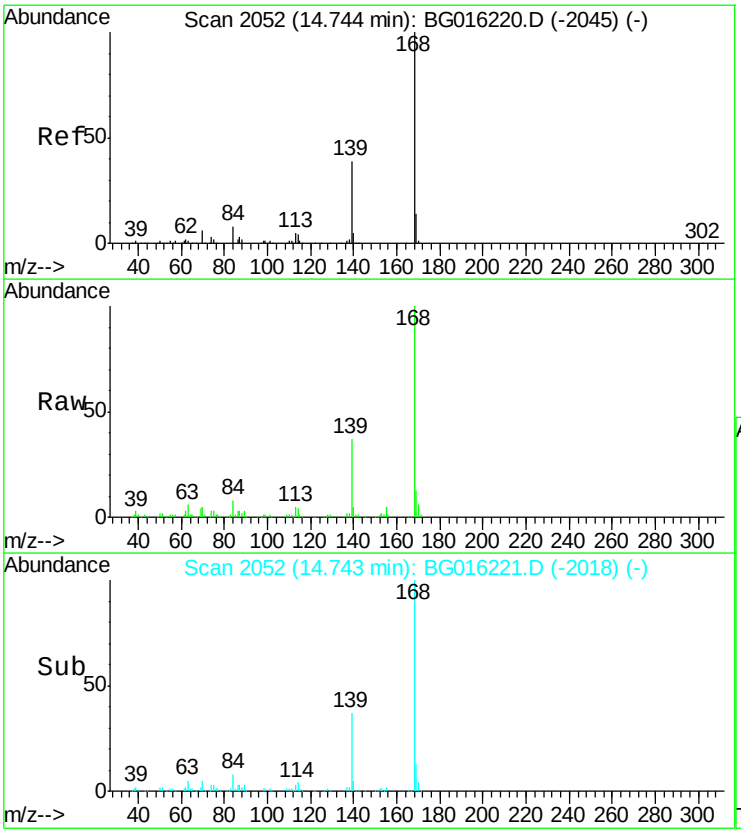
#49
Acenaphthene
Concen: 9.62 ng/ul
RT: 14.41 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:153 Resp: 116830

Ion	Ratio	Lower	Upper
153	100		
152	45.2	39.0	58.4
154	90.5	72.5	108.7

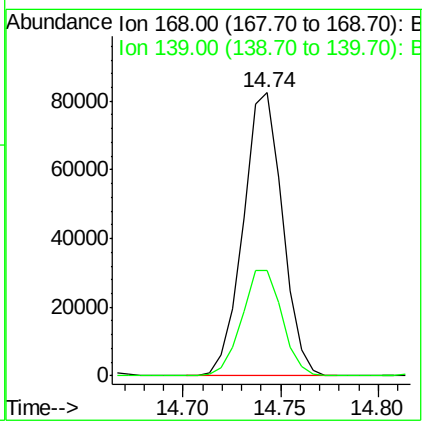


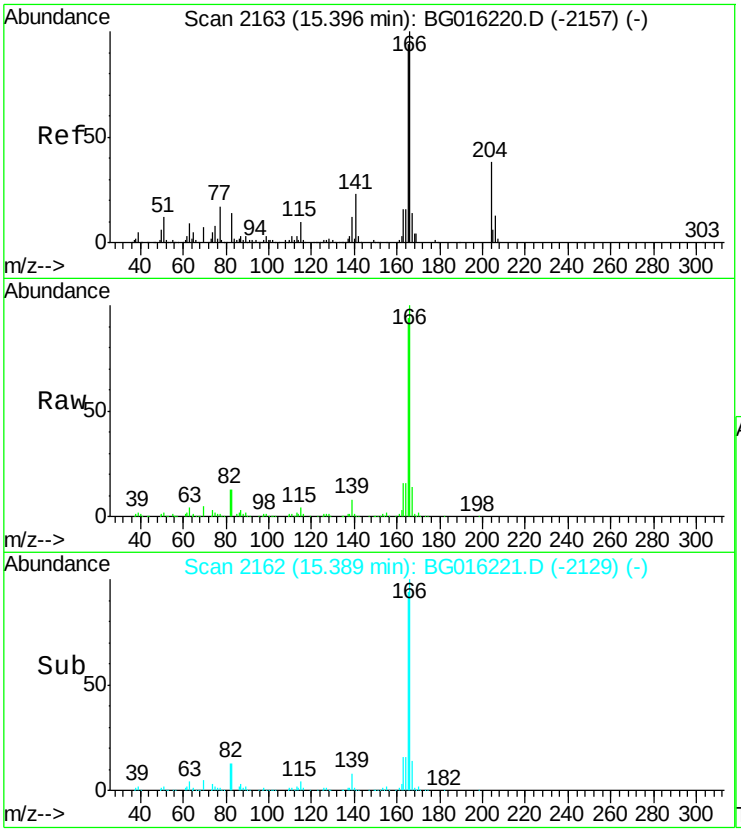


#53
Dibenzofuran
Concen: 7.29 ng/ul
RT: 14.74 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:168 Resp: 115048

Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.4	47.0



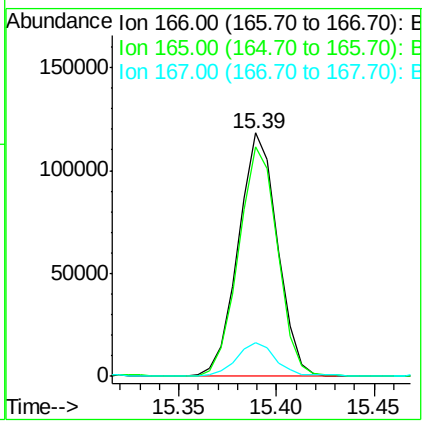


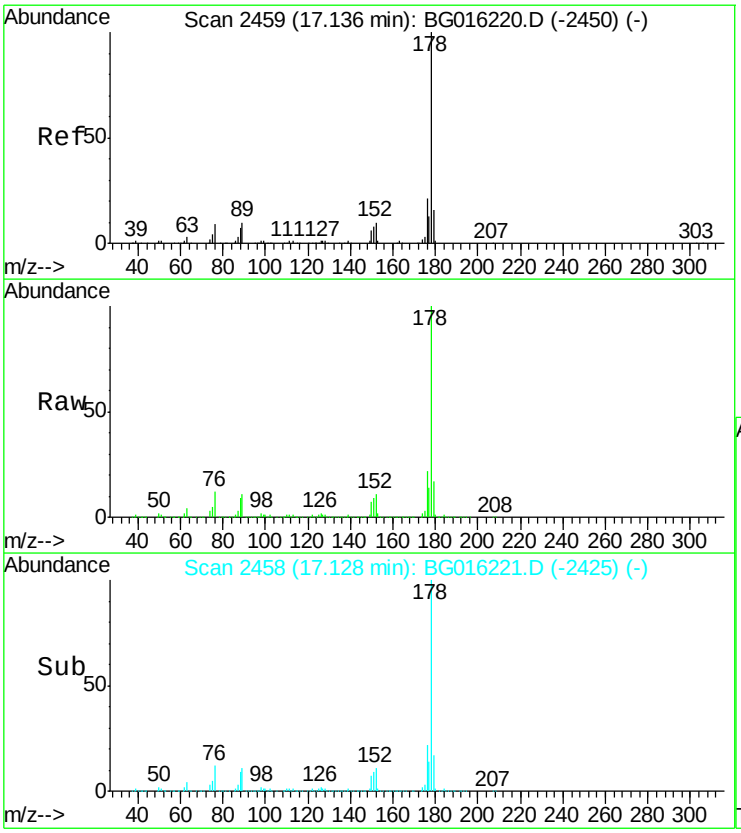
#58
Fluorene
Concen: 11.86 ng/ul
RT: 15.39 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:166 Resp: 163984

Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.6	113.4
167	13.8	10.7	16.1

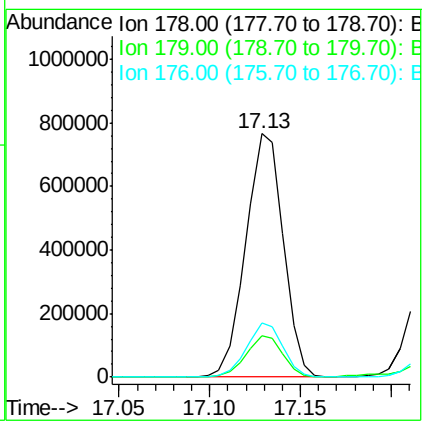


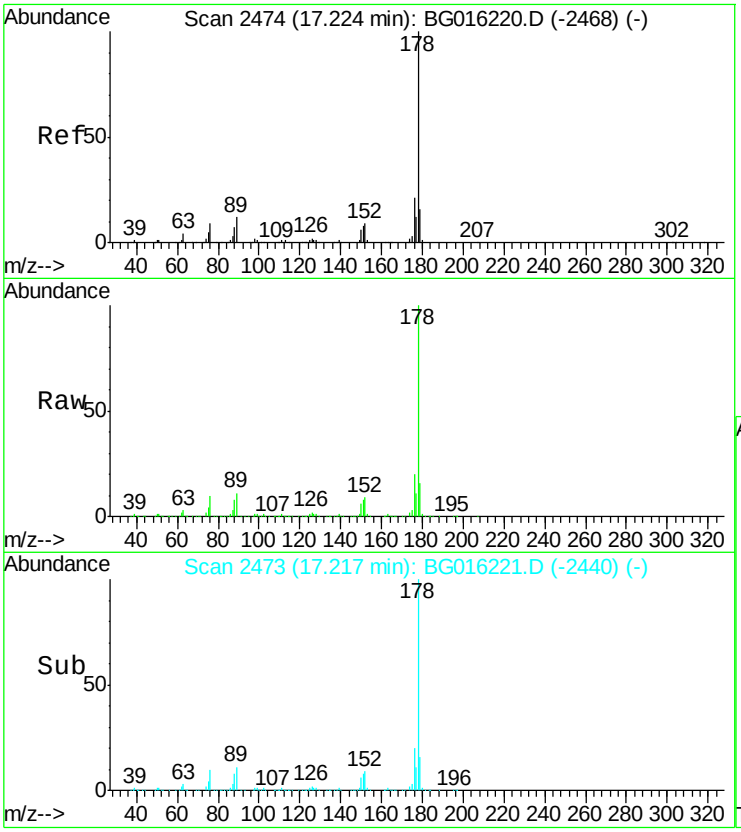


#69
Phenanthrene
Concen: 54.37 ng/ul
RT: 17.13 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:178 Resp: 1101269

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	19.0
176	22.2	16.6	24.8



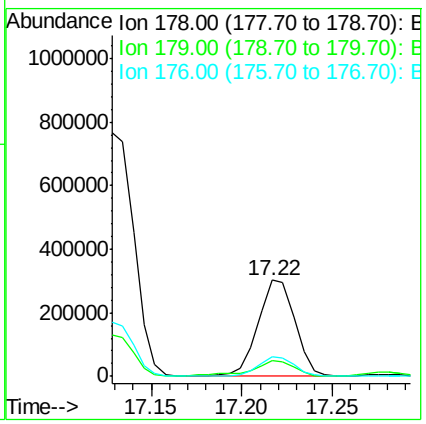


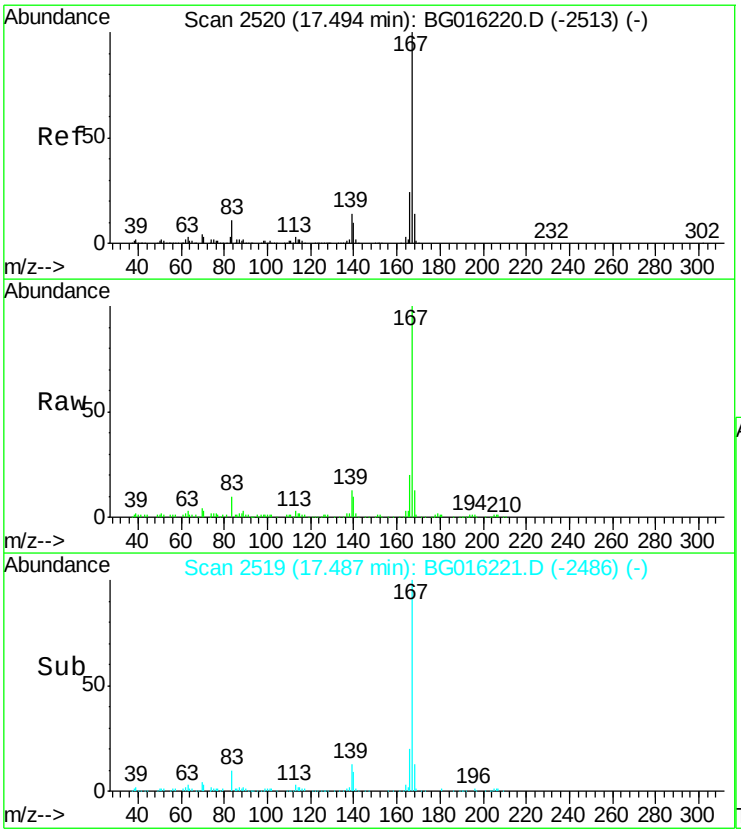
#71
Anthracene
Concen: 20.81 ng/ul
RT: 17.22 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:178 Resp: 430844

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	20.4	15.9	23.9

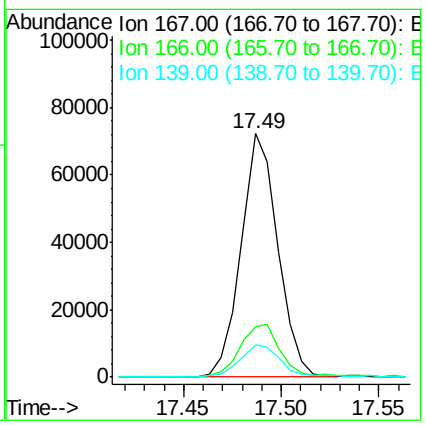


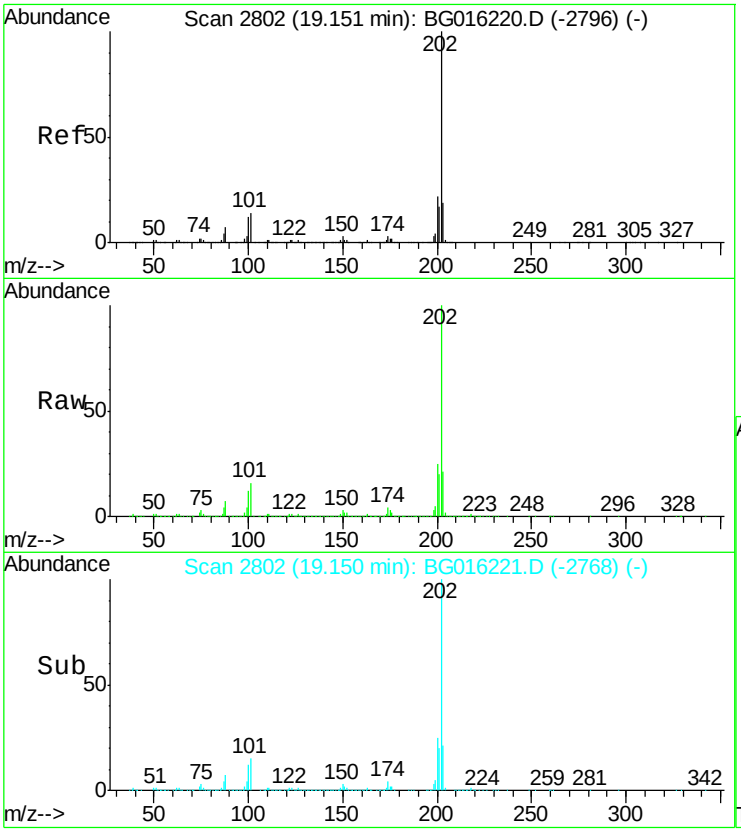


#72
Carbazole
Concen: 4.69 ng/ul
RT: 17.49 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:167 Resp: 93840

Ion	Ratio	Lower	Upper
167	100		
166	20.4	18.4	27.6
139	13.4	10.7	16.1



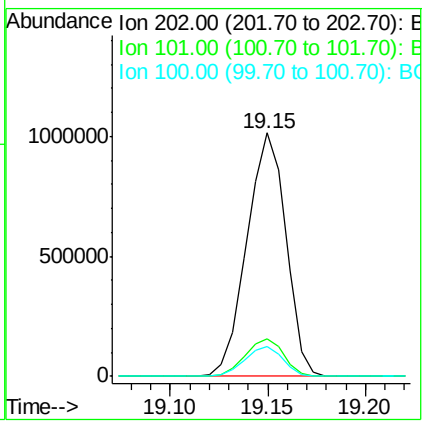


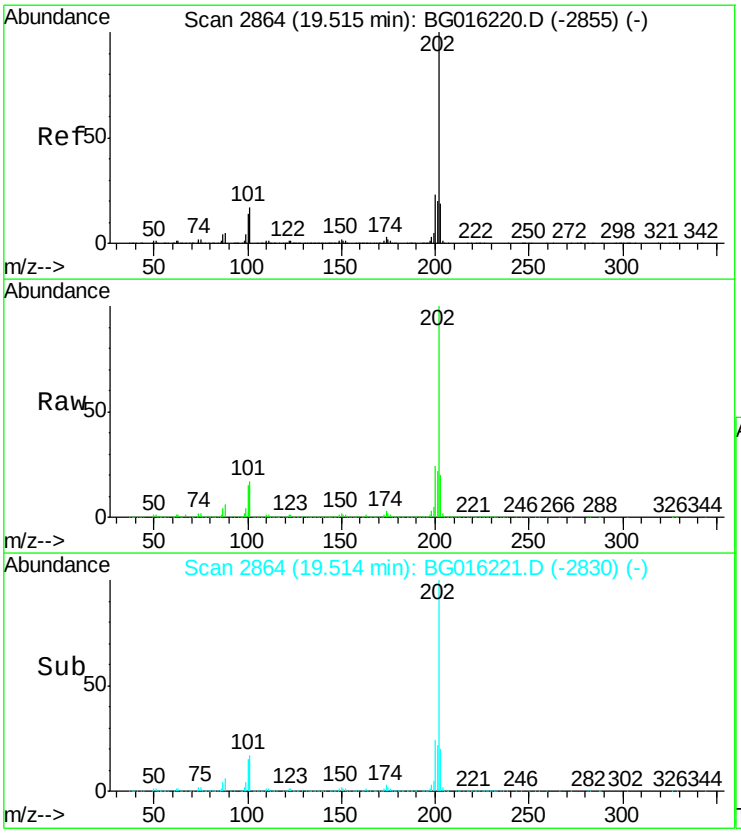
#74
Fluoranthene
Concen: 62.30 ng/ul
RT: 19.15 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:202 Resp: 1402667

Ion	Ratio	Lower	Upper
202	100		
101	15.7	11.8	17.8
100	12.4	9.4	14.0

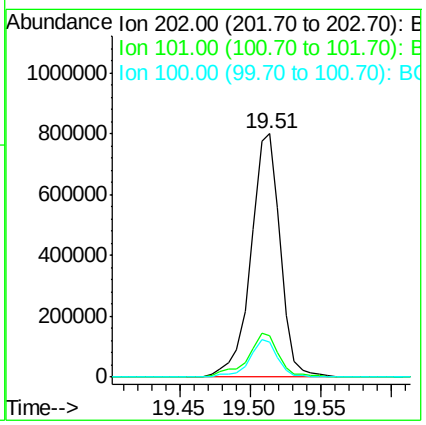


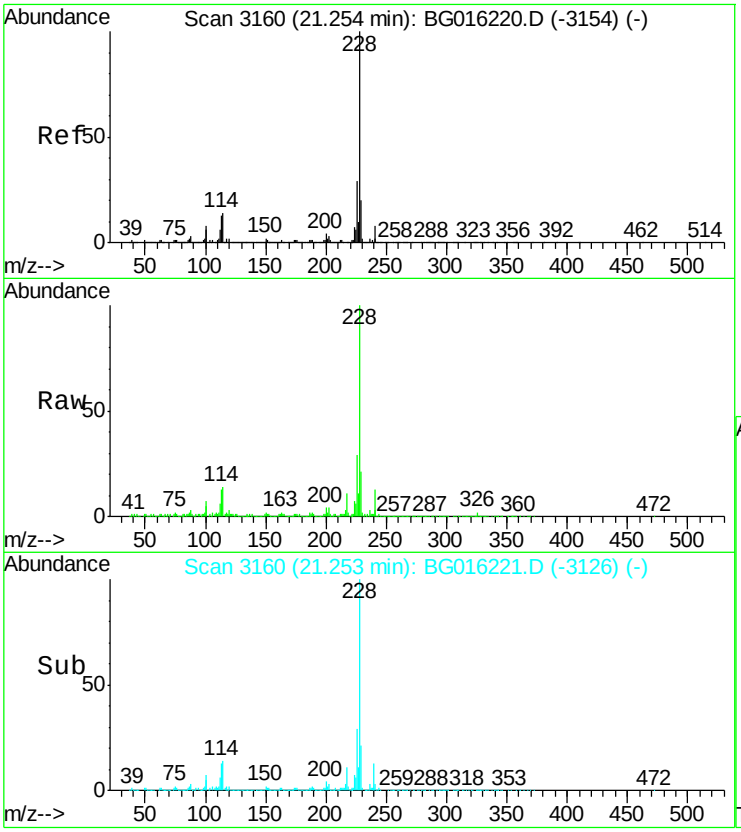


#77
Pyrene
Concen: 53.67 ng/ul
RT: 19.51 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:202 Resp: 1169759

Ion	Ratio	Lower	Upper
202	100		
101	16.9	13.4	20.0
100	14.6	11.1	16.7



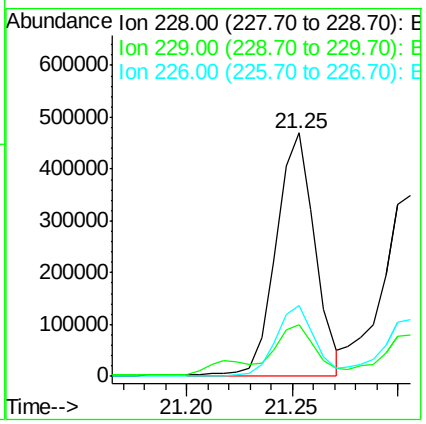


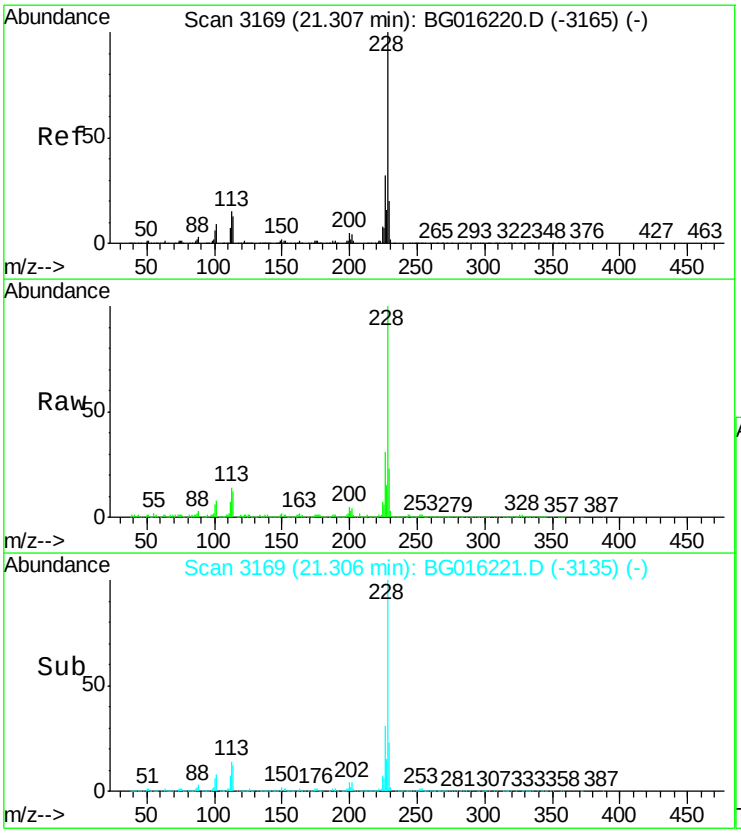
#80
Benzo(a)anthracene
Concen: 29.41 ng/ul
RT: 21.25 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:228 Resp: 597687

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.5	24.7
226	29.2	23.0	34.4

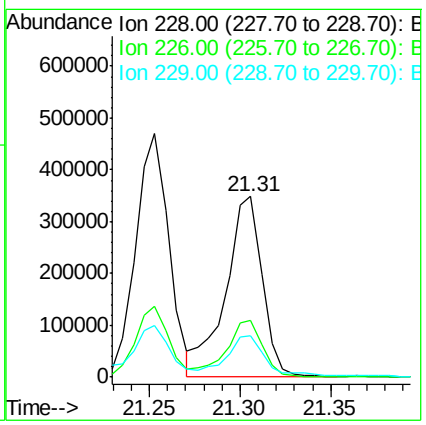


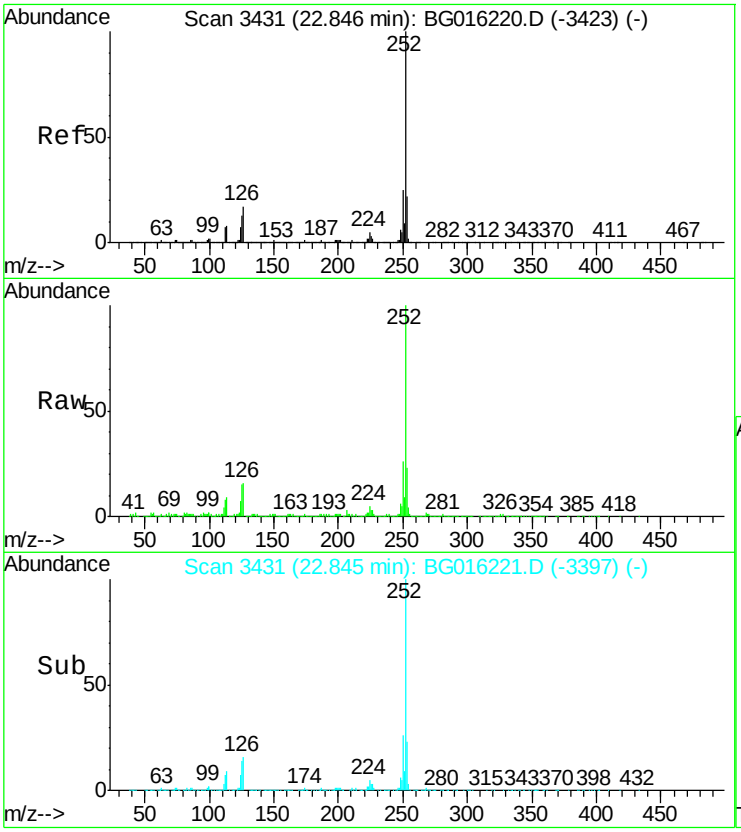


#82
Chrysene
Concen: 25.86 ng/ul
RT: 21.31 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:228 Resp: 488172

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	23.0	16.5	24.7



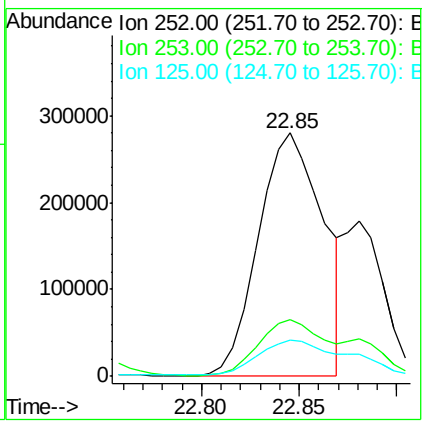


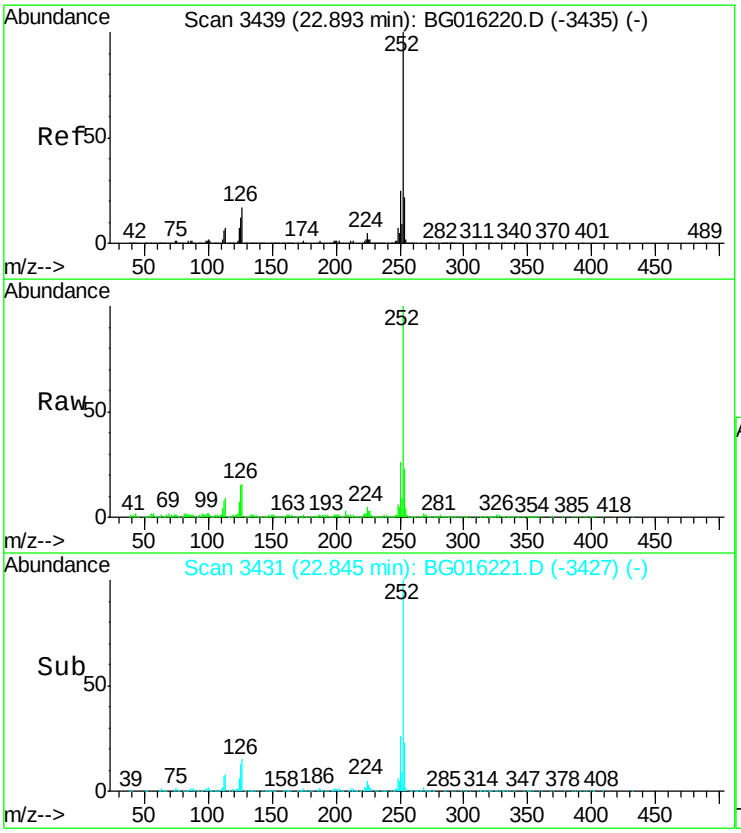
#85
Benzo(b)fluoranthene
Concen: 31.18 ng/ul
RT: 22.85 min Scan# 3431
Delta R.T. -0.00 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:252 Resp: 640648

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	14.6	10.6	15.8

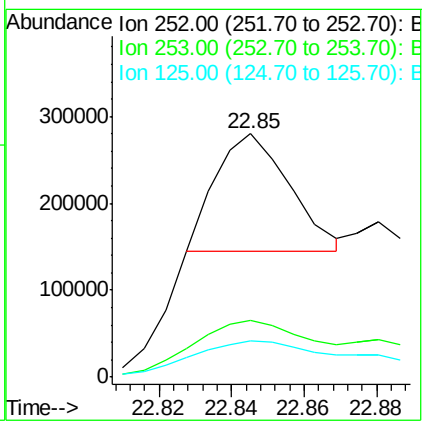


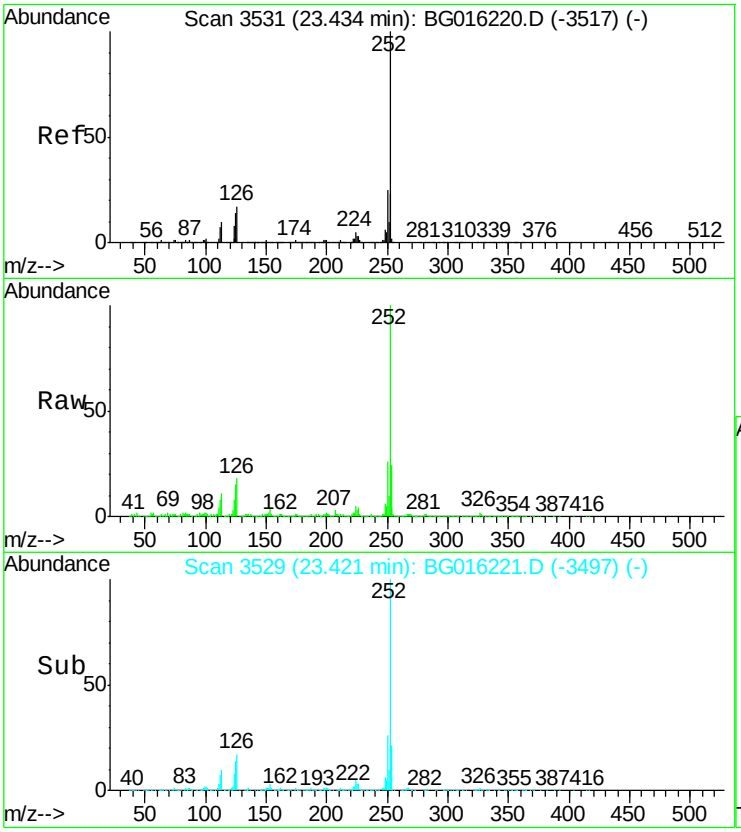


#86
Benzo(k)fluoranthene
Concen: 9.62 ng/ul
RT: 22.85 min Scan# 3431
Delta R.T. -0.05 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:252 Resp: 190535

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	14.6	11.8	17.6



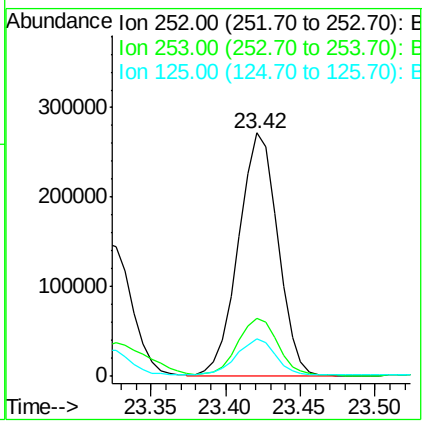


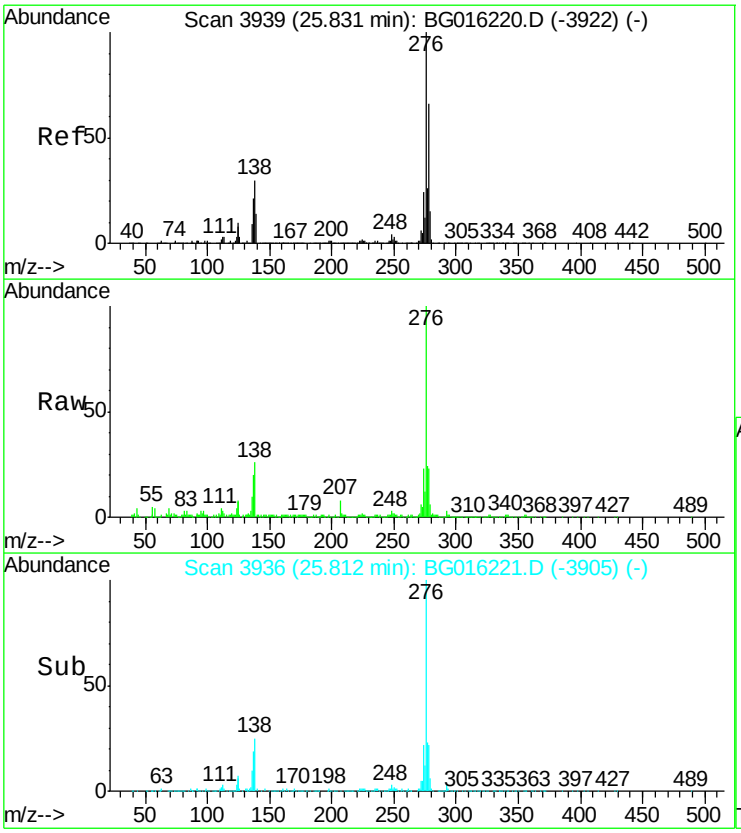
#88
Benzo(a)pyrene
Concen: 25.22 ng/ul
RT: 23.42 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:252 Resp: 493980

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	15.3	12.1	18.1

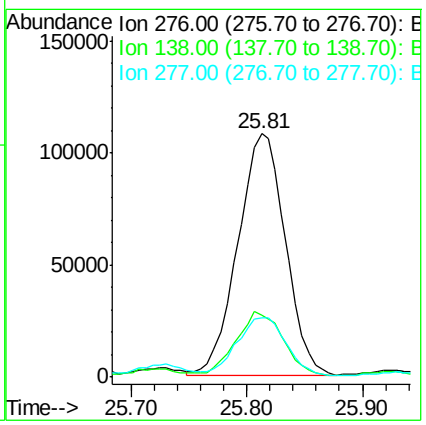


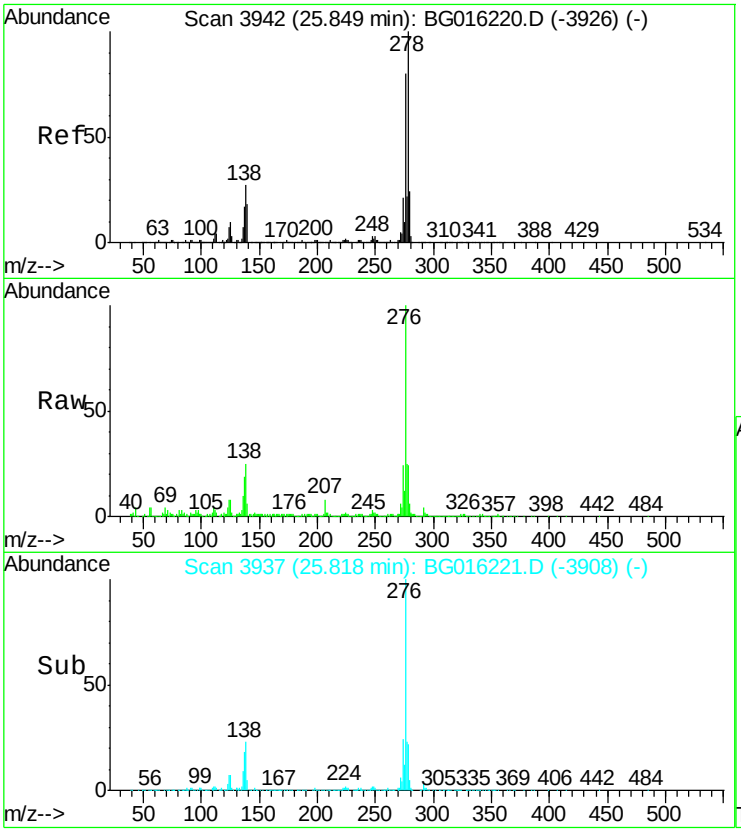


#89
Indeno(1,2,3-cd)pyrene
Concen: 13.38 ng/ul
RT: 25.81 min Scan# 3936
Delta R.T. -0.02 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:276 Resp: 306444

Ion	Ratio	Lower	Upper
276	100		
138	25.5	27.0	40.6#
277	24.4	21.8	32.6



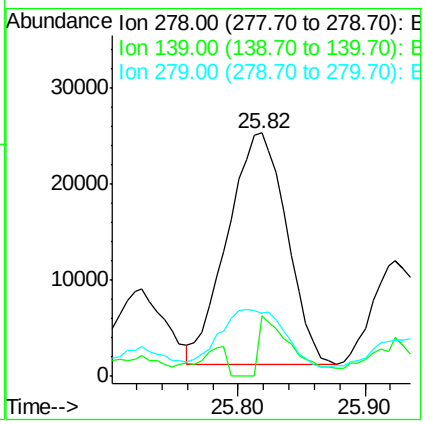


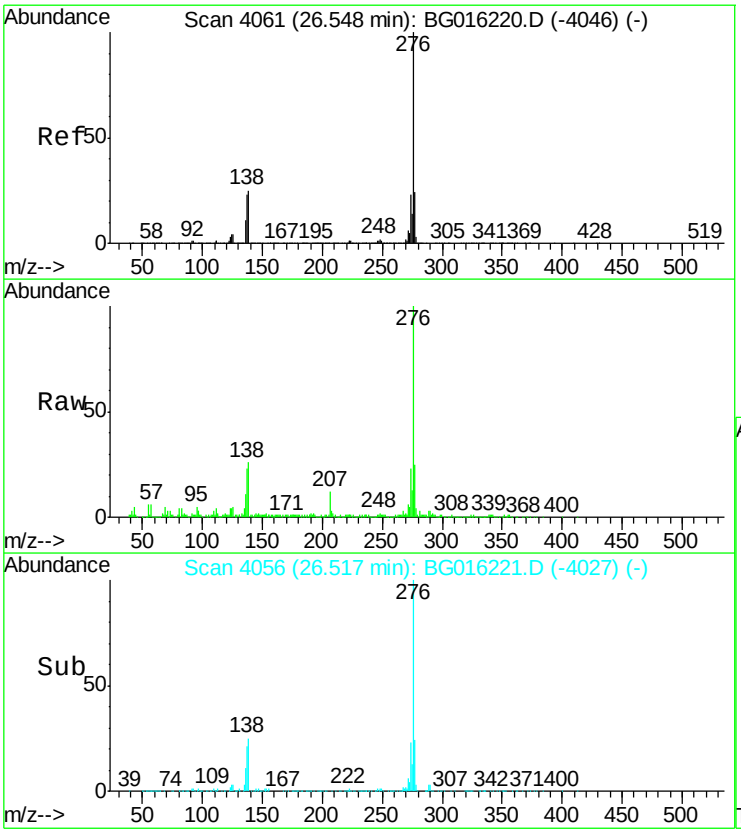
#90
Dibenzo(a,h)anthracene
Concen: 4.09 ng/ul
RT: 25.82 min Scan# 3937
Delta R.T. -0.03 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Instrument :
BNA_G
ClientSampleId :
C0AC8DL

Tgt Ion:278 Resp: 78013

Ion	Ratio	Lower	Upper
278	100		
139	24.7	16.5	24.7
279	25.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 12.80 ng/ul
RT: 26.52 min Scan# 4056
Delta R.T. -0.03 min
Lab File: BG016221.D
Acq: 2 Apr 2015 12:36

Tgt Ion:276 Resp: 239575

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.0	31.6
277	25.1	19.2	28.8