Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
Data File : BG016191.D
Acq On : 28 Mar 2015 00:40
Operator : TP/IZ
Sample : G1647-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 28 06:10:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	64928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	284651	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	164412	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	316969	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	325325	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	333109	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	6.96	99	163322	28.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	87503	27.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	128583	28.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	123058	28.06	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	67716	29.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	71930	33.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	111331	27.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	149940	27.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	302964	28.26	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	415481	27.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	58067	22.68	ng/ul	0.00
57) Fluorene-d10	15.41	176	276758	25.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	23049	13.91	ng/ul	0.00
70) Anthracene-d10	17.26	188	380811	26.30	ng/ul	0.00
76) Pyrene-d10	19.55	212	386917	26.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	365266	25.14	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.62	128	30818	2.01	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	18283	1.68	ng/ul	95
44) Dimethylphthalate	13.87	163	27478	2.26	ng/ul	99
49) Acenaphthene	14.48	153	42895	3.83	ng/ul	98
53) Dibenzofuran	14.81	168	40804	2.70	ng/ul	99
58) Fluorene	15.46	166	65665	4.97	ng/ul	98
69) Phenanthrene	17.20	178	854131	47.40	ng/ul	97
71) Anthracene	17.29	178	303588	16.60	ng/ul	100
72) Carbazole	17.56	167	49199	2.80	ng/ul	99
74) Fluoranthene	19.22	202	2818926	138.38	ng/ul#	80
77) Pyrene	19.59	202	2537361	126.76	ng/ul#	84
80) Benzo(a)anthracene	21.32	228	1701008	92.29	ng/ul#	87
82) Chrysene	21.37	228	1399500	79.81	ng/ul#	91
85) Benzo(b)fluoranthene	22.94	252	2031921	106.27	ng/ul	93
86) Benzo(k)fluoranthene	22.98	252	735489	38.95	ng/ul	94
88) Benzo(a)pyrene	23.53	252	1592001	83.56	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	25.97	276	1004089	45.55	ng/ul	94
90) Dibenzo(a,h)anthracene	25.98	278	267463	14.48	ng/ul#	75
91) Benzo(g,h,i)perylene	26.70	276	732380	39.54	ng/ul	98

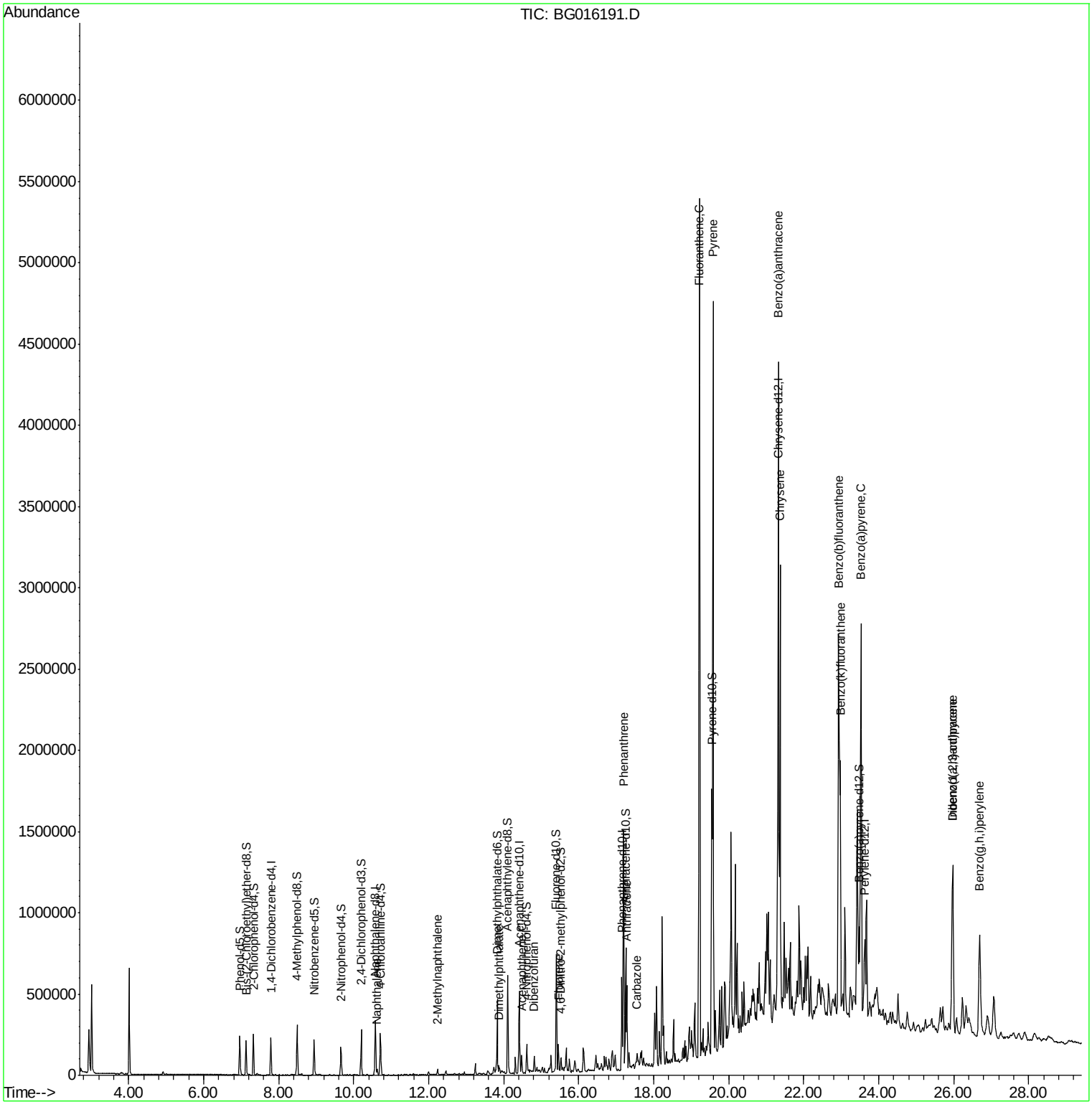
(#) = qualifier out of range (m) = manual integration (+) = signals summed

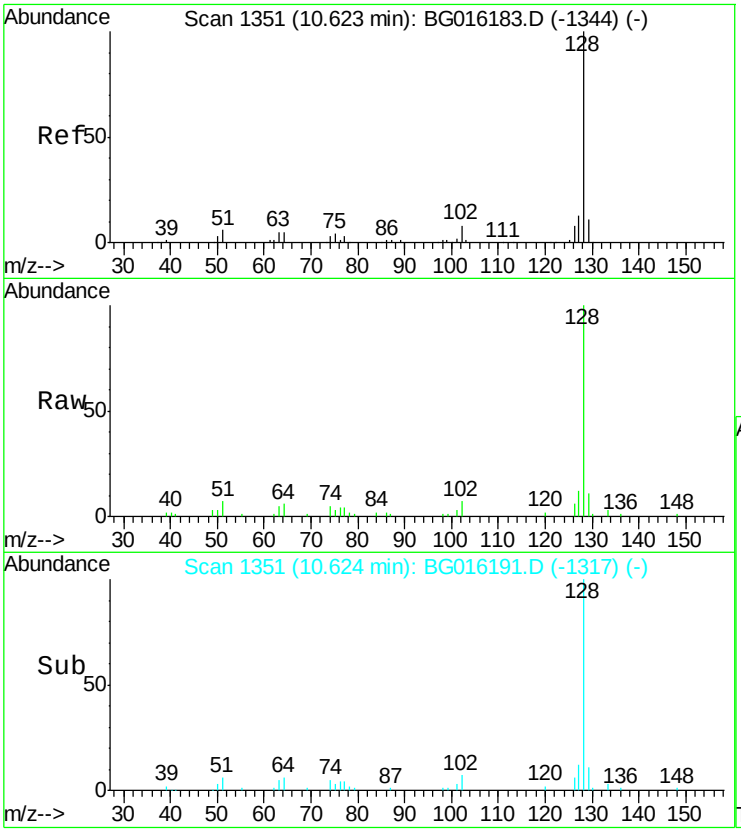
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
Data File : BG016191.D
Acq On : 28 Mar 2015 00:40
Operator : TP/IZ
Sample : G1647-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 28 06:10:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration



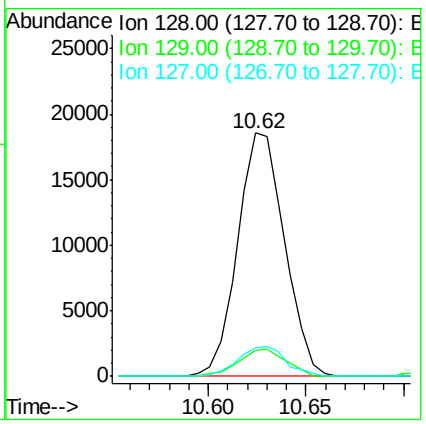


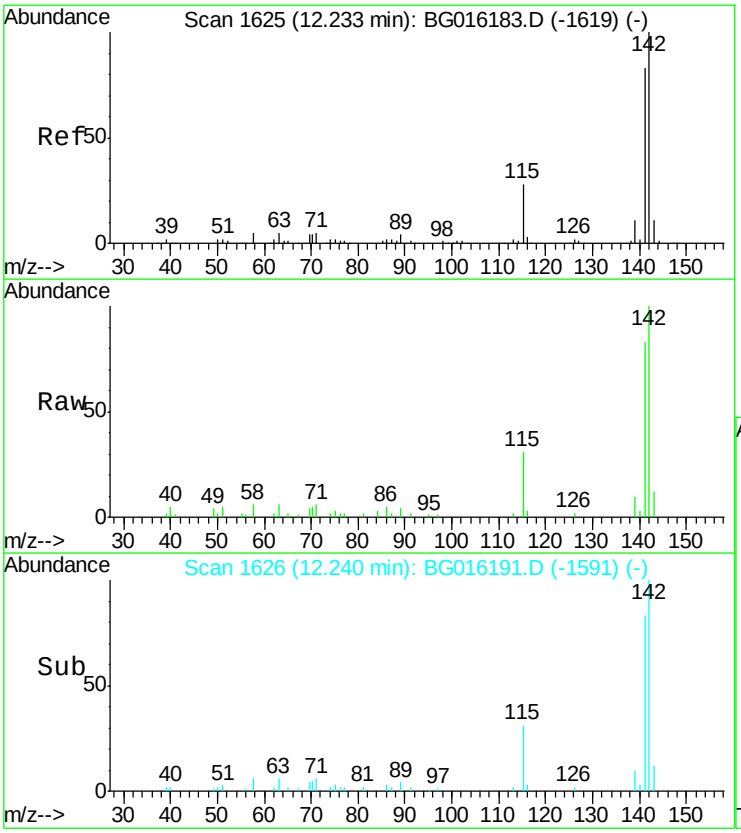
#28
Naphthalene
Concen: 2.01 ng/ul
RT: 10.62 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 30818

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	12.0	10.4	15.6

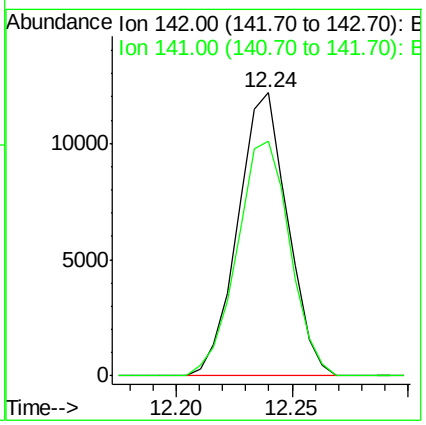


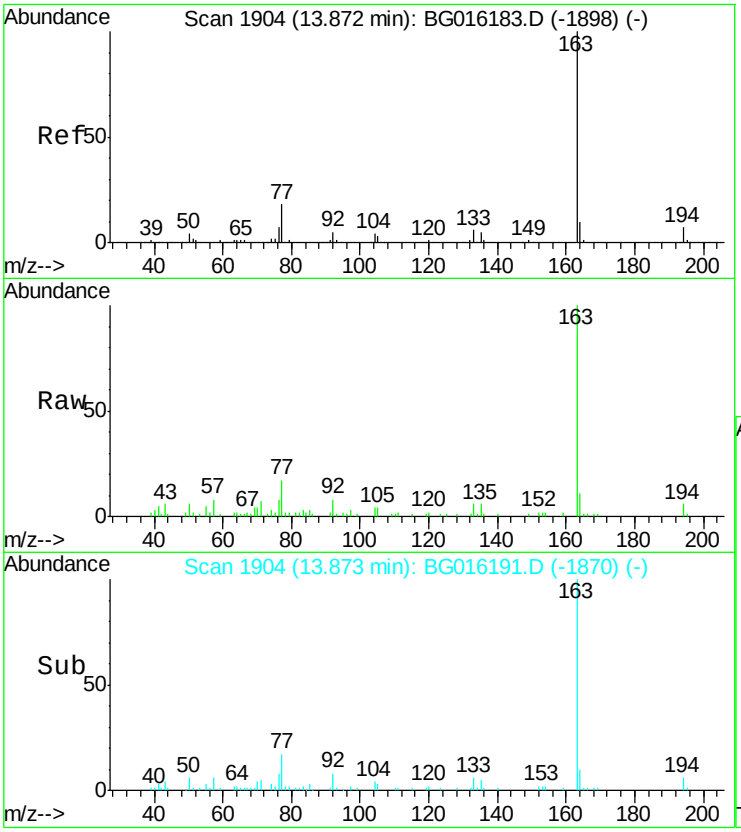


#34
2-Methylnaphthalene
Concen: 1.68 ng/ul
RT: 12.24 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:142 Resp: 18283

Ion	Ratio	Lower	Upper
142	100		
141	83.0	70.2	105.2



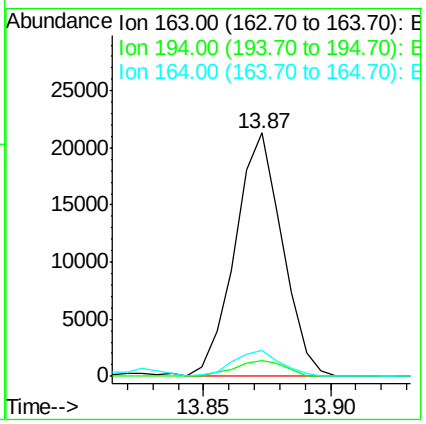


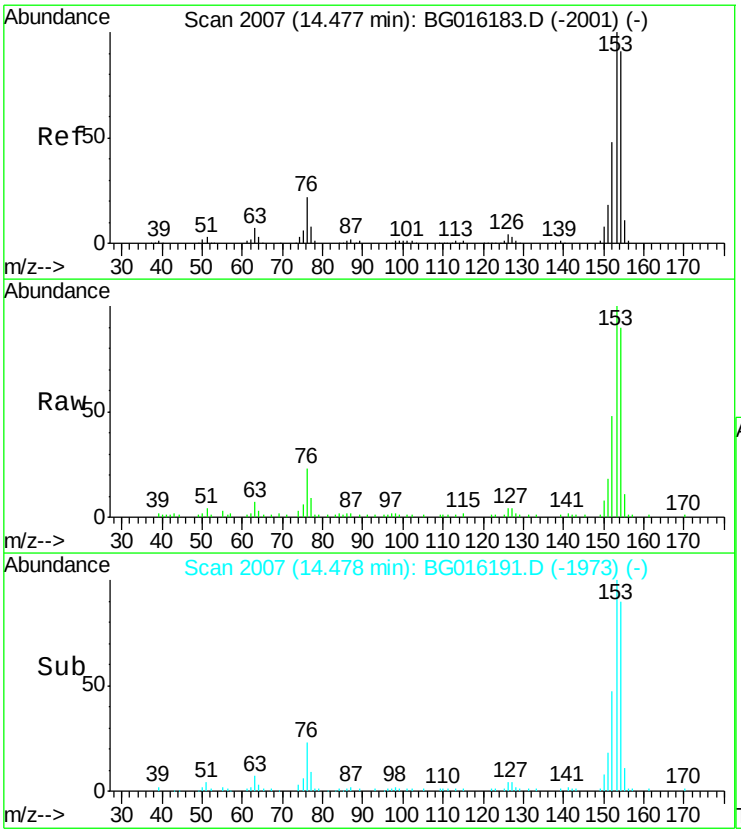
#44
Dimethylphthalate
Concen: 2.26 ng/ul
RT: 13.87 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 27478

Ion	Ratio	Lower	Upper
163	100		
194	6.2	5.4	8.0
164	10.6	8.2	12.4

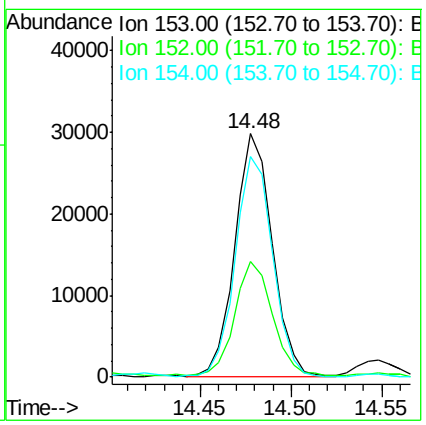


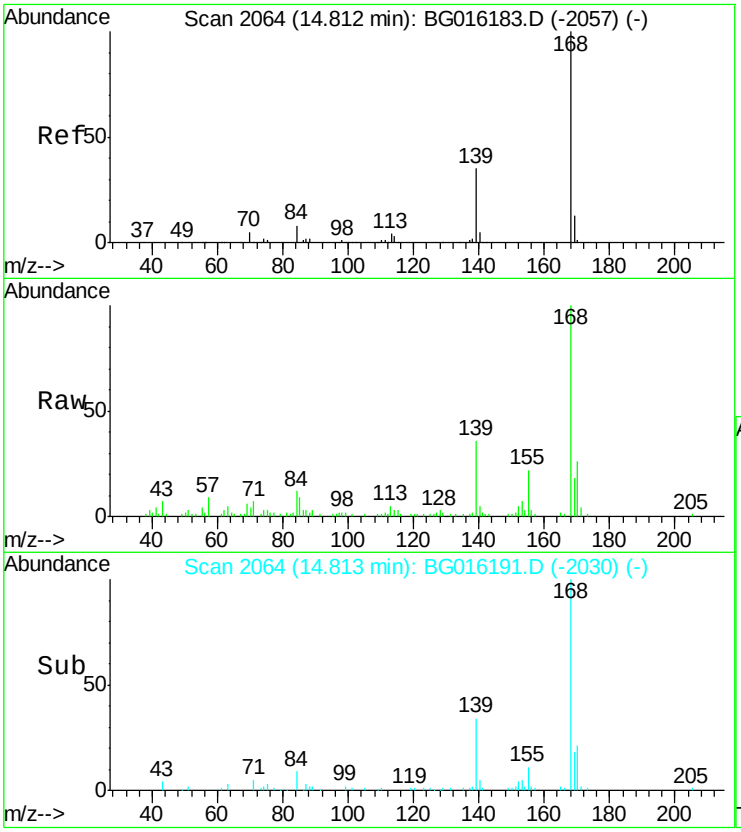


#49
Acenaphthene
Concen: 3.83 ng/ul
RT: 14.48 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:153 Resp: 42895

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.4	56.2
154	90.4	74.4	111.6



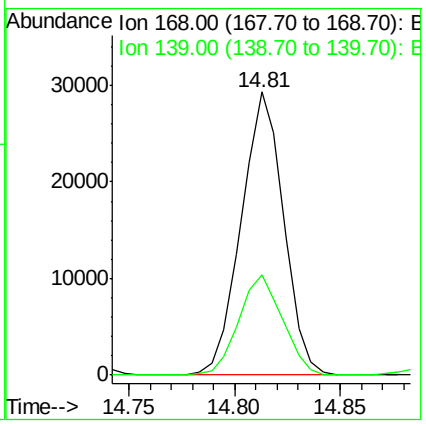


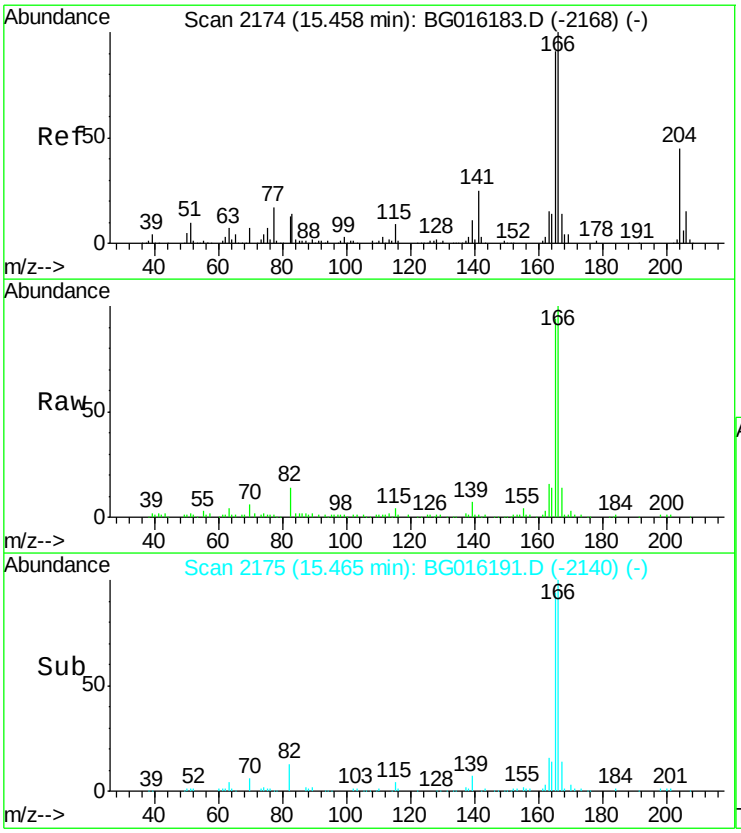
#53
Dibenzofuran
Concen: 2.70 ng/ul
RT: 14.81 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 40804

Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.1	43.7

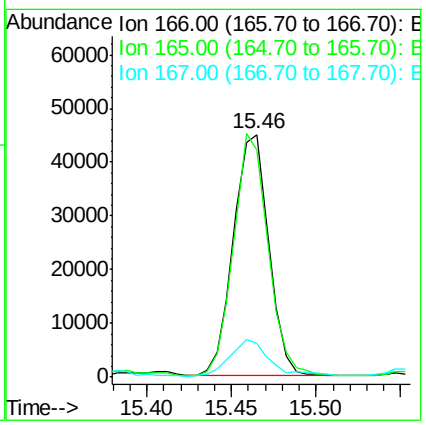


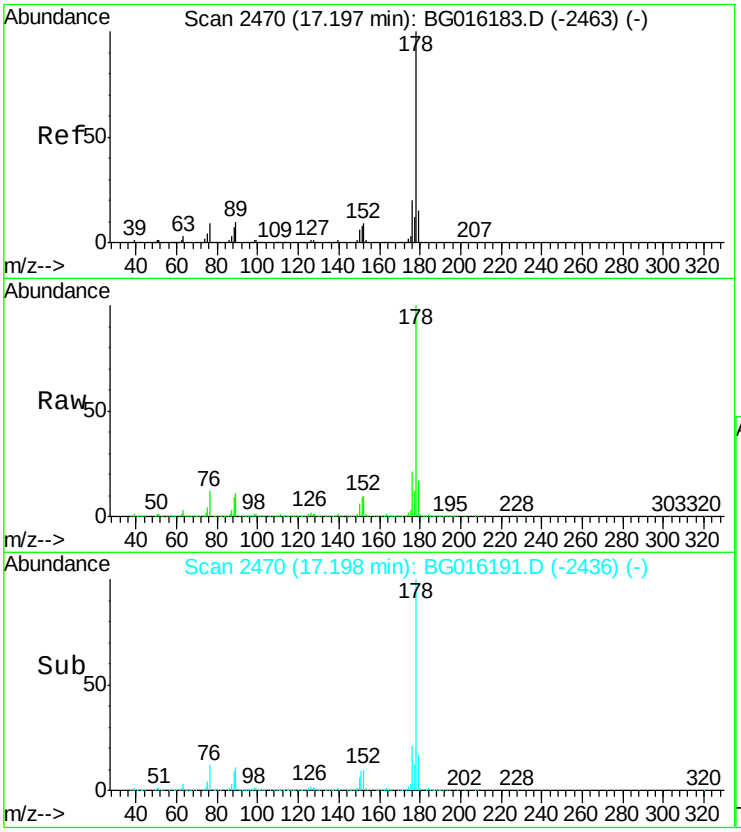


#58
Fluorene
Concen: 4.97 ng/ul
RT: 15.46 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:166 Resp: 65665

Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.1	114.1
167	14.0	10.5	15.7



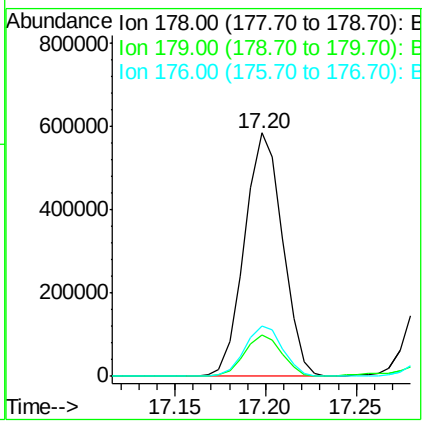


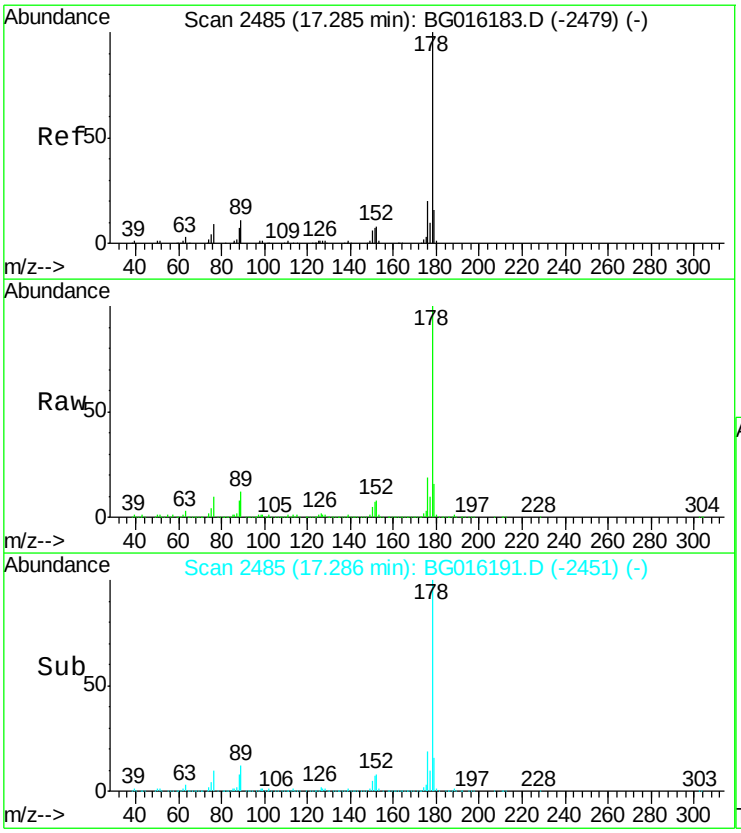
#69
Phenanthrene
Concen: 47.40 ng/ul
RT: 17.20 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 854131

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.8	19.2
176	20.7	15.6	23.4

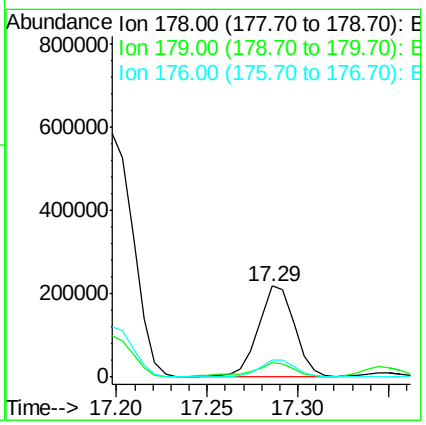


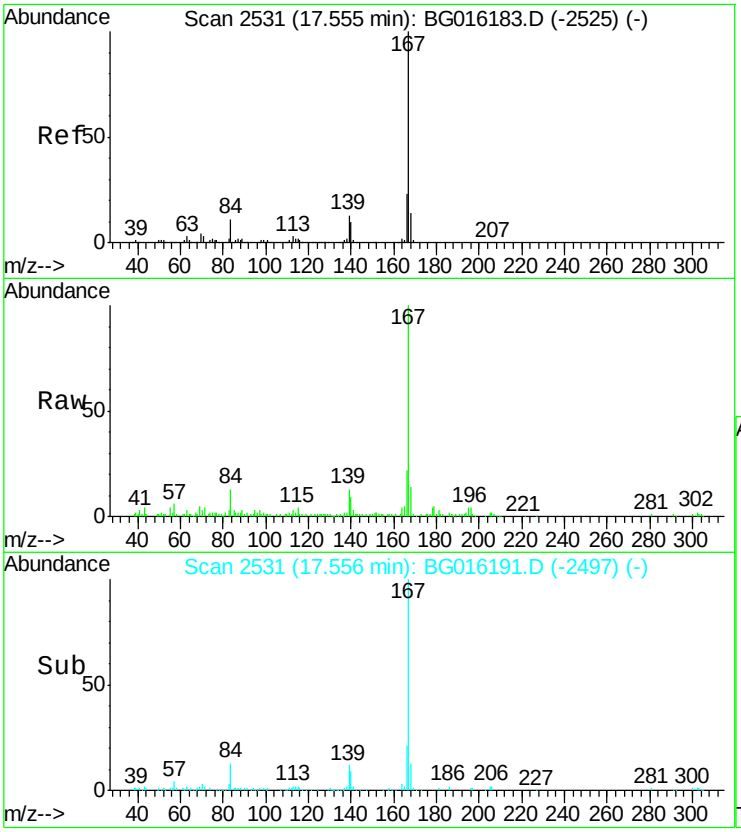


#71
Anthracene
Concen: 16.60 ng/ul
RT: 17.29 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:178 Resp: 303588

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	18.8	15.3	22.9



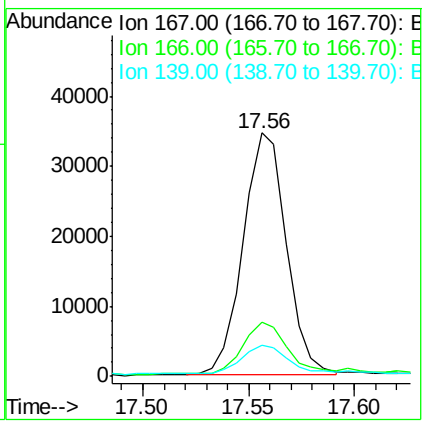


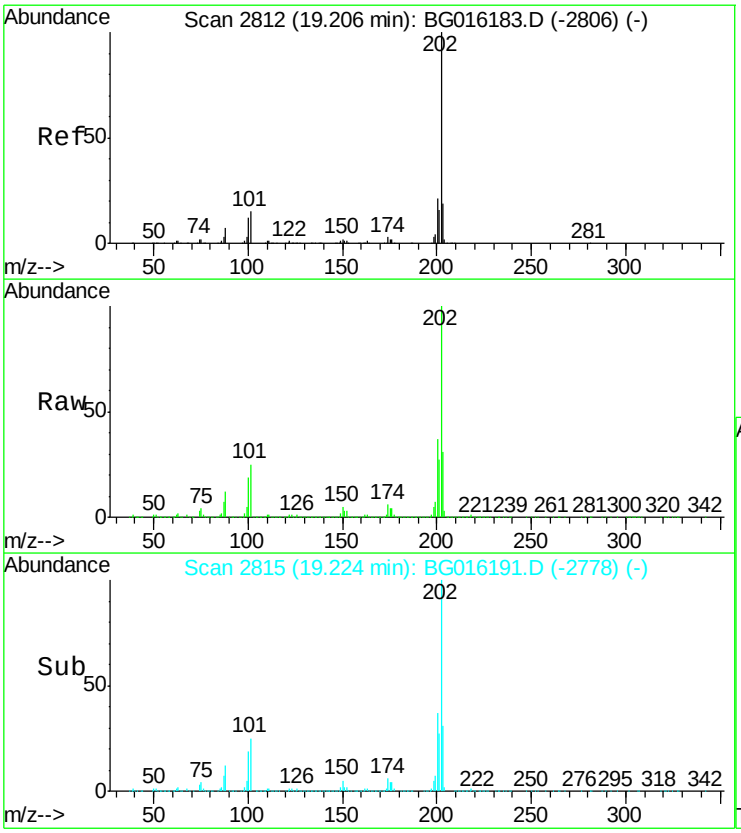
#72
Carbazole
Concen: 2.80 ng/ul
RT: 17.56 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 49199

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.9	10.0	15.0

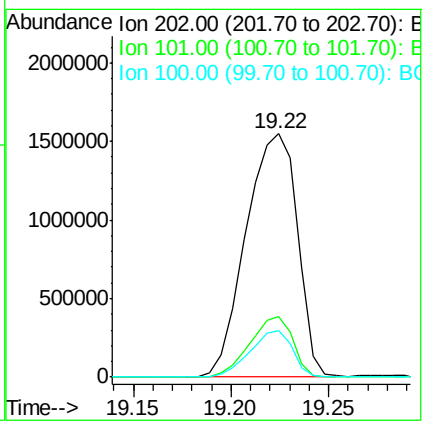


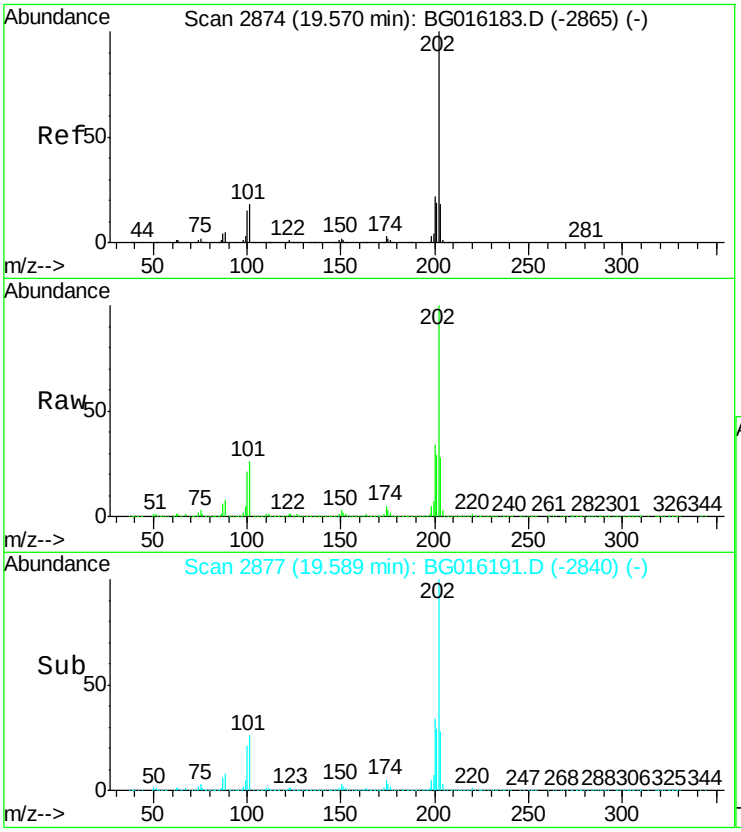


#74
Fluoranthene
Concen: 138.38 ng/ul
RT: 19.22 min Scan# 2815
Delta R.T. 0.02 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:202 Resp: 2818926

Ion	Ratio	Lower	Upper
202	100		
101	25.1	12.9	19.3#
100	19.0	9.4	14.2#



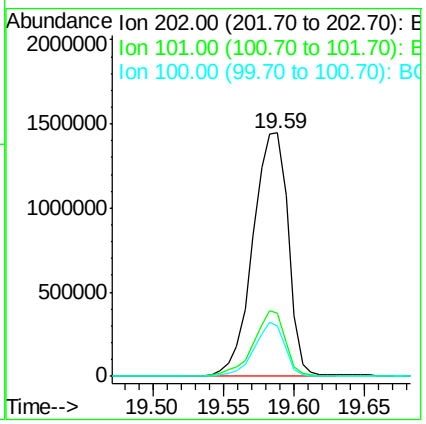


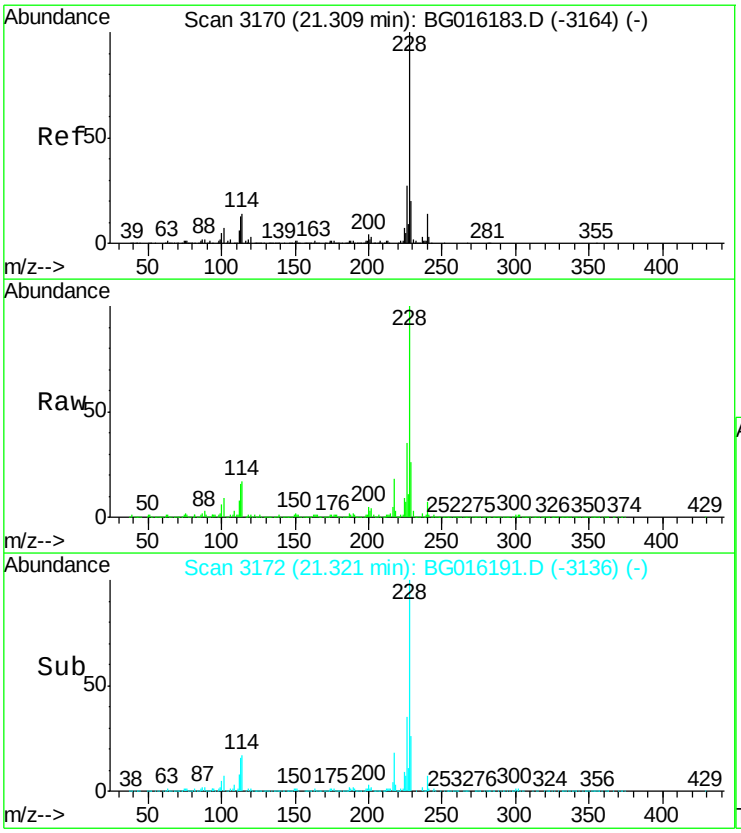
#77
Pyrene
Concen: 126.76 ng/ul
RT: 19.59 min Scan# 2877
Delta R.T. 0.02 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 2537361

Ion	Ratio	Lower	Upper
202	100		
101	25.7	14.6	21.8#
100	20.9	12.1	18.1#

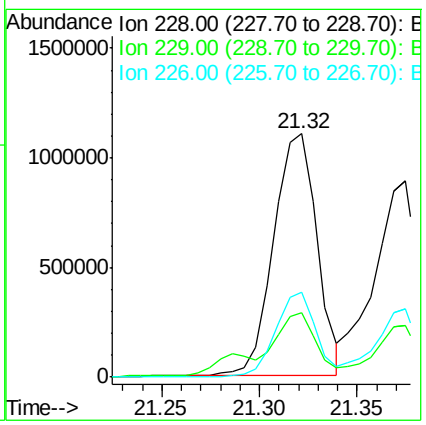


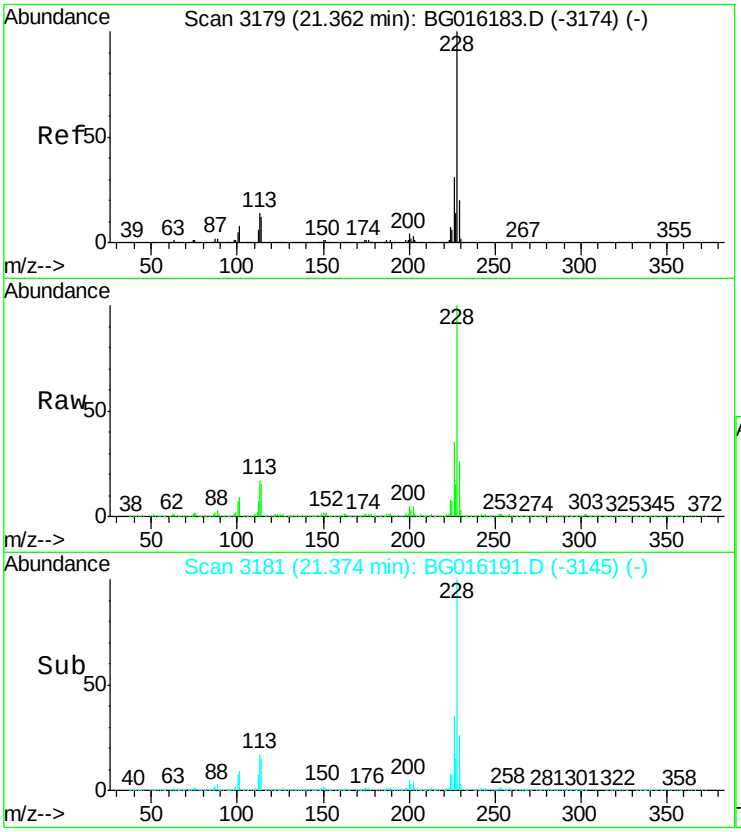


#80
Benzo(a)anthracene
Concen: 92.29 ng/ul
RT: 21.32 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:228 Resp: 1701008

Ion	Ratio	Lower	Upper
228	100		
229	26.2	16.2	24.4#
226	35.1	22.4	33.6#



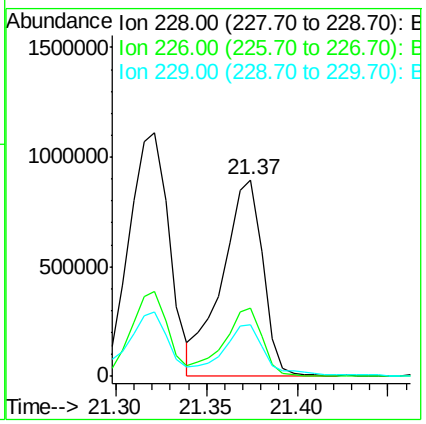


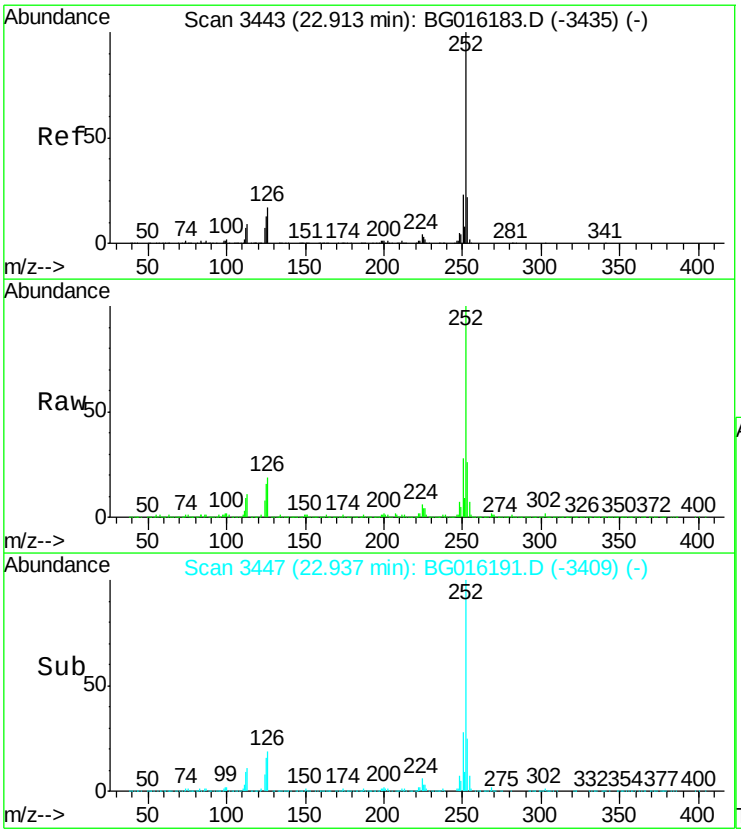
#82
Chrysene
Concen: 79.81 ng/ul
RT: 21.37 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1399500

Ion	Ratio	Lower	Upper
228	100		
226	34.7	24.6	36.8
229	26.2	16.6	25.0#

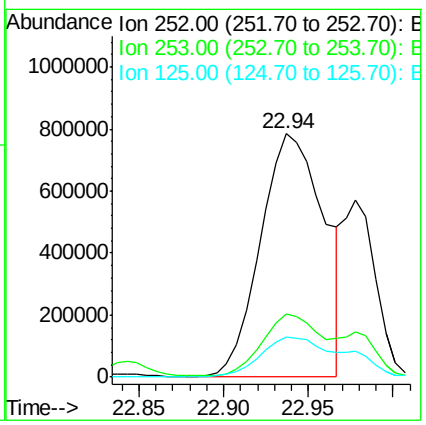


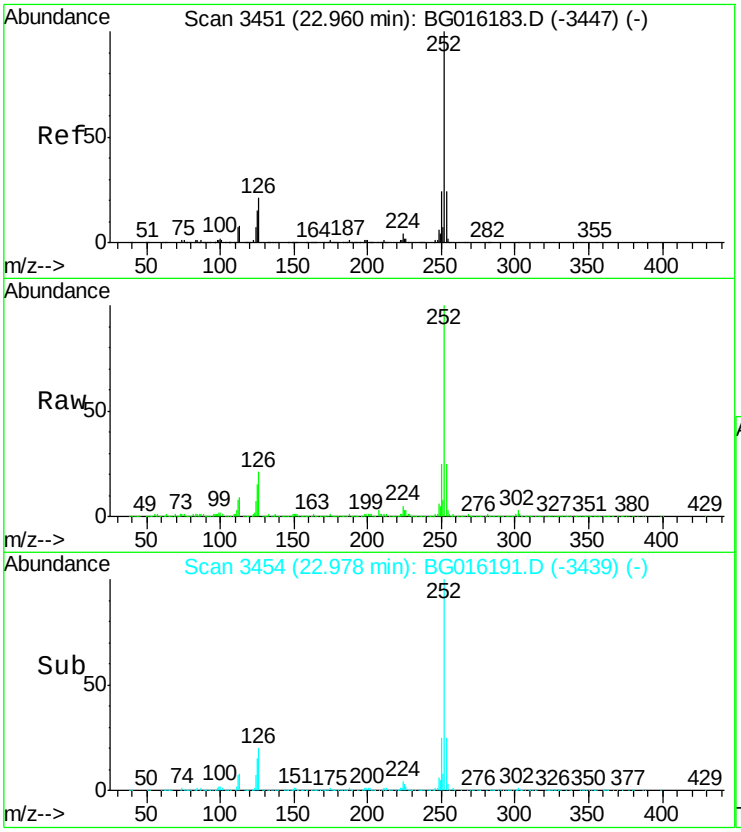


#85
Benzo(b)fluoranthene
Concen: 106.27 ng/ul
RT: 22.94 min Scan# 3447
Delta R.T. 0.02 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:252 Resp: 2031921

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	16.4	11.0	16.6



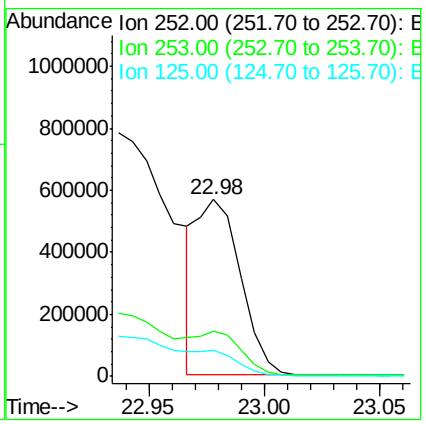


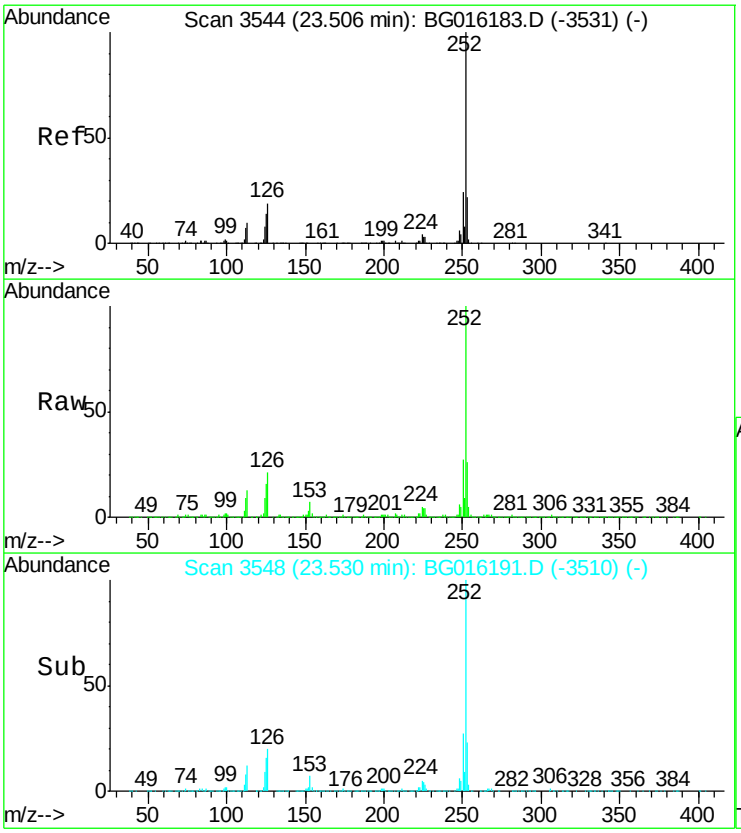
#86
Benzo(k)fluoranthene
Concen: 38.95 ng/ul
RT: 22.98 min Scan# 3454
Delta R.T. 0.02 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 735489

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.6
125	15.0	10.7	16.1

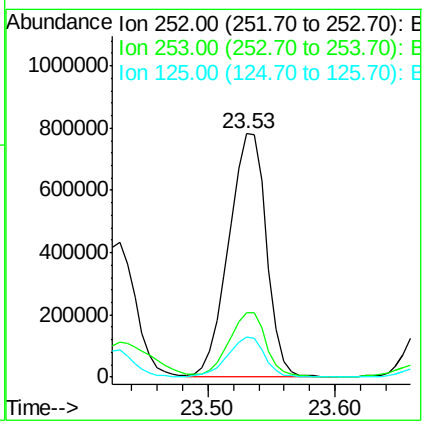


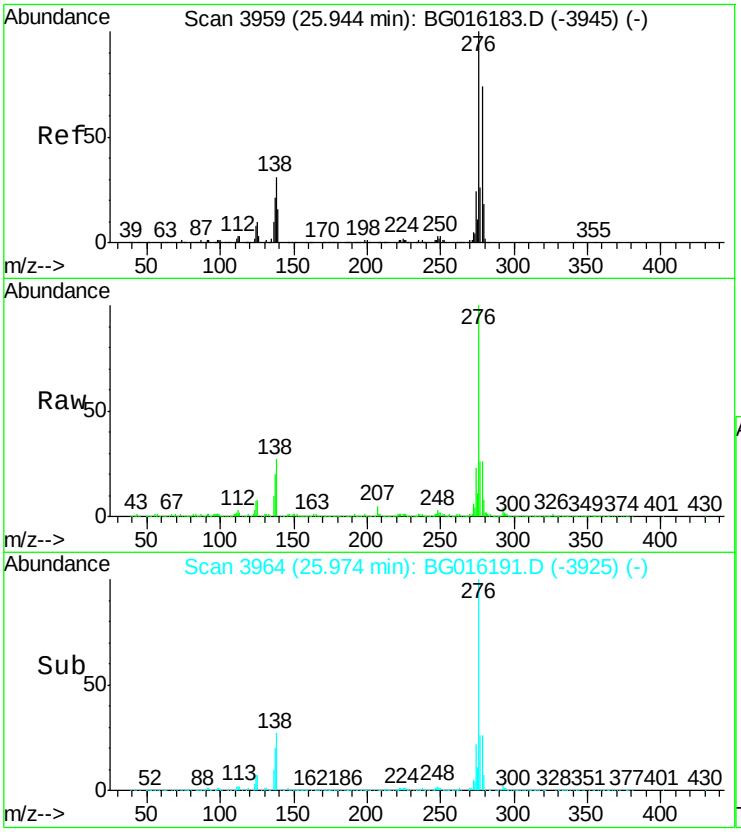


#88
Benzo(a)pyrene
Concen: 83.56 ng/ul
RT: 23.53 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:252 Resp: 1592001

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.6	26.4
125	16.4	11.5	17.3



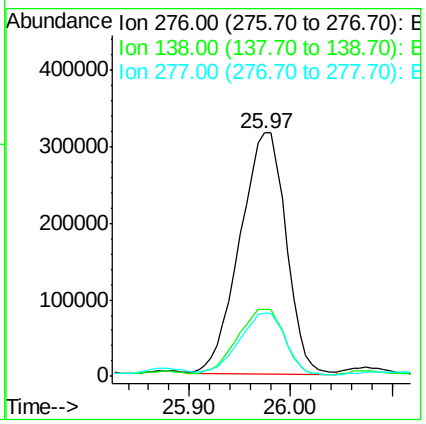


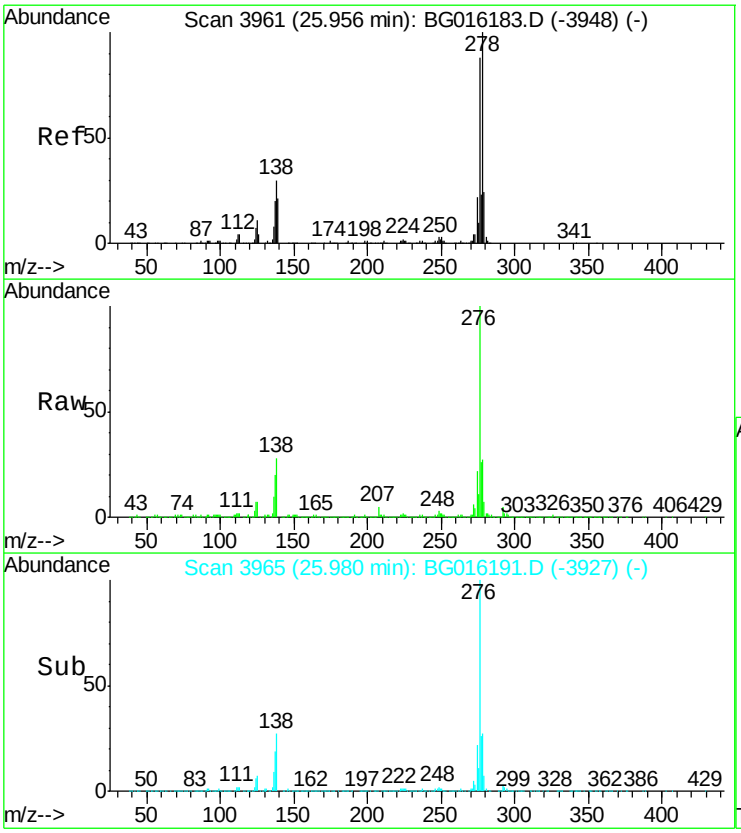
#89
Indeno(1,2,3-cd)pyrene
Concen: 45.55 ng/ul
RT: 25.97 min Scan# 3964
Delta R.T. 0.03 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 1004089

Ion	Ratio	Lower	Upper
276	100		
138	27.3	26.1	39.1
277	25.9	20.0	30.0

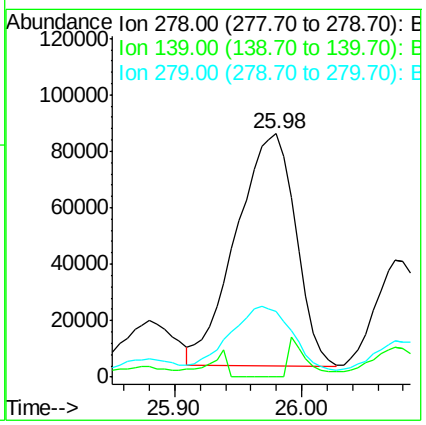


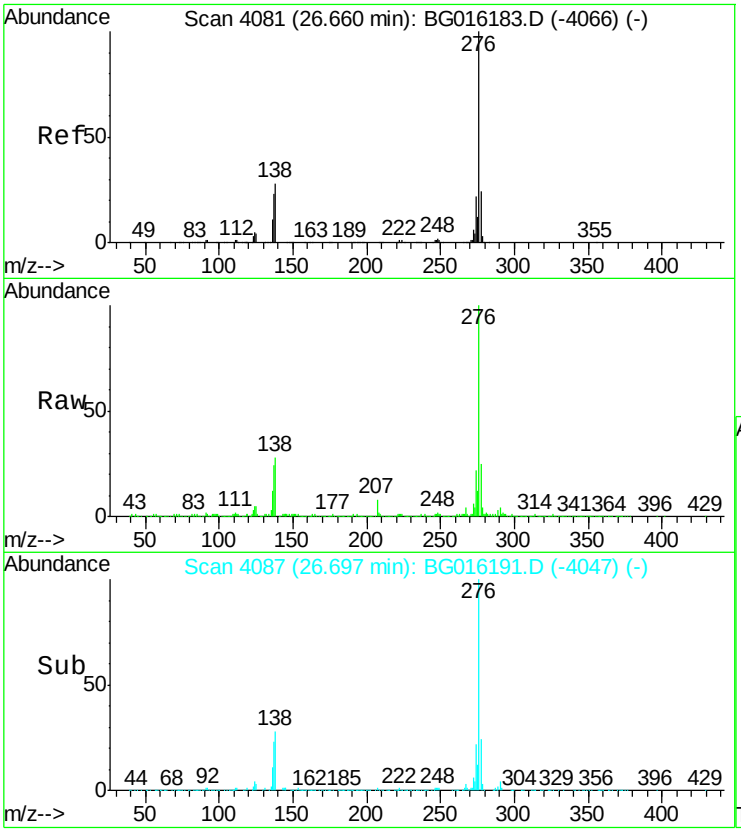


#90
Dibenzo(a,h)anthracene
Concen: 14.48 ng/ul
RT: 25.98 min Scan# 3965
Delta R.T. 0.02 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Tgt Ion:278 Resp: 267463

Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.8	26.6#
279	26.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 39.54 ng/ul
RT: 26.70 min Scan# 4087
Delta R.T. 0.04 min
Lab File: BG016191.D
Acq: 28 Mar 2015 00:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 732380

Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.0	33.0
277	24.8	19.0	28.4