Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 28 06:08:52 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	53718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	241854	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	143903	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	292994	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	291072	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	289998	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	133342	27.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	70131	26.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	102233	27.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	102429	28.23	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	55026	28.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	59067	32.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	95745	28.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	130890	27.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	272600	29.06	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	358417	27.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	52080	23.24	ng/ul	0.00
57) Fluorene-d10	15.41	176	247269	26.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	29593	19.33	ng/ul	0.00
70) Anthracene-d10	17.25	188	353500	26.41	ng/ul	0.00
76) Pyrene-d10	19.55	212	348712	26.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	306205	24.21	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.62	128	83129	6.37	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	45495	4.92	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	14305	1.27	ng/ul	97
44) Dimethylphthalate	13.87	163	18024	1.69	ng/ul	98
49) Acenaphthene	14.48	153	102931	10.50	ng/ul	99
53) Dibenzofuran	14.81	168	125423	9.48	ng/ul	97
58) Fluorene	15.46	166	145493	12.59	ng/ul	98
69) Phenanthrene	17.20	178	859061	51.58	ng/ul	98
71) Anthracene	17.29	178	298158	17.63	ng/ul	100
72) Carbazole	17.56	167	120551	7.41	ng/ul	99
74) Fluoranthene	19.21	202	748422	39.75	ng/ul	100
77) Pyrene	19.58	202	594698	33.20	ng/ul	98
80) Benzo(a)anthracene	21.32	228	289999	17.59	ng/ul	99
82) Chrysene	21.37	228	238782	15.22	ng/ul	98
85) Benzo(b)fluoranthene	22.92	252	284166	17.07	ng/ul	99
86) Benzo(k)fluoranthene	22.92	252	72617	4.42	ng/ul	98
88) Benzo(a)pyrene	23.52	252	222870	13.44	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.96	276	130867	6.82	ng/ul	93
90) Dibenzo(a,h)anthracene	25.97	278	35363	2.20	ng/ul#	73
91) Benzo(g,h,i)perylene	26.68	276	102763	6.37	ng/ul	97

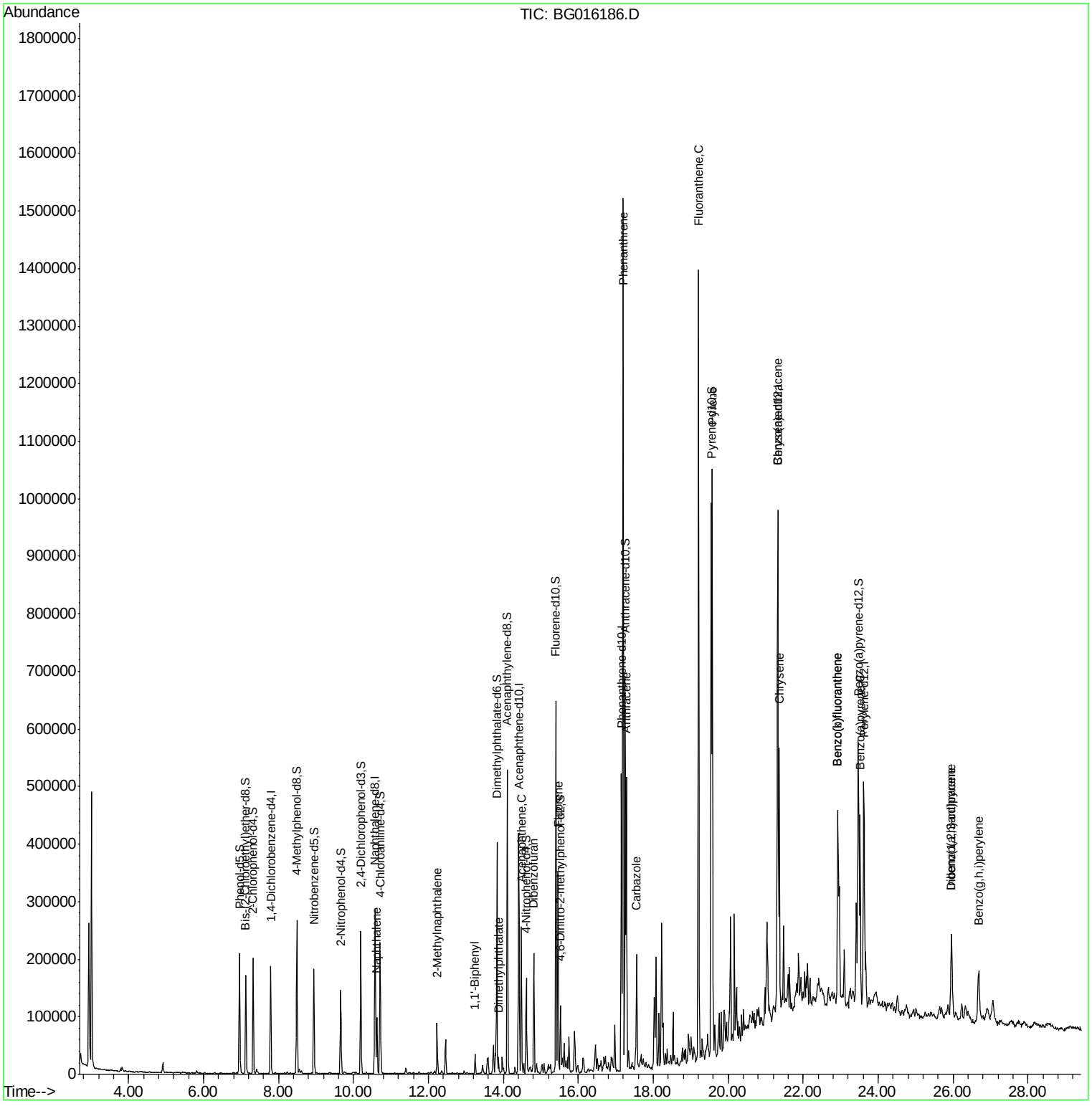
(#) = qualifier out of range (m) = manual integration (+) = signals summed

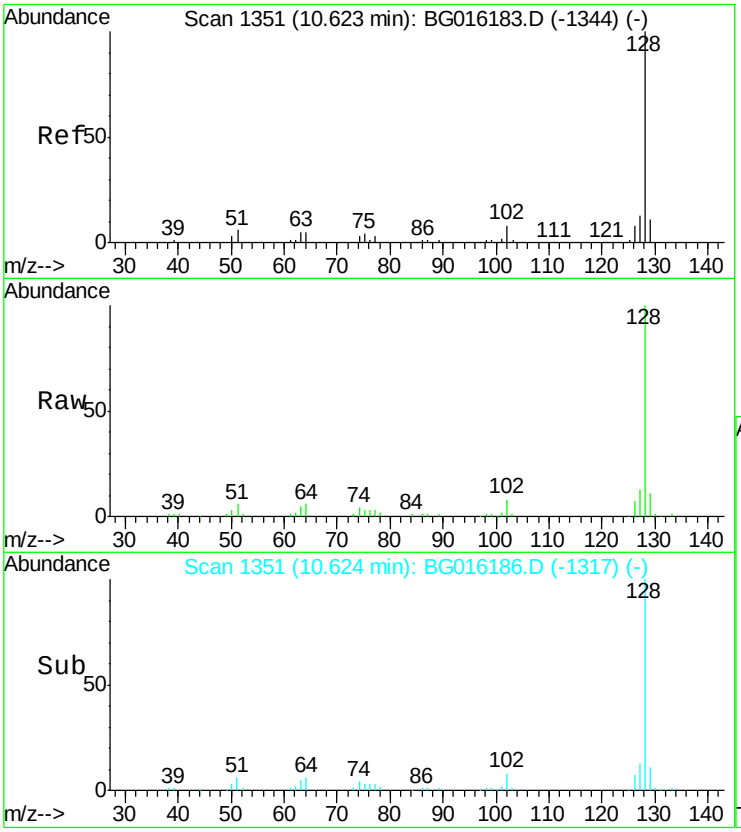
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 28 06:08:52 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



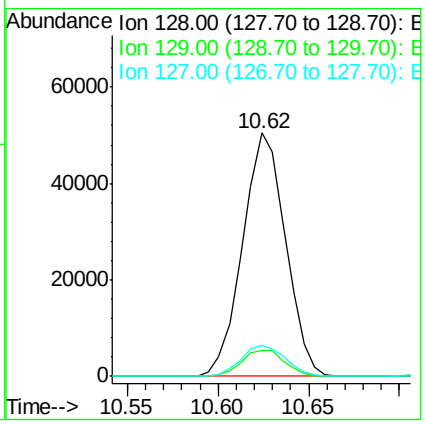


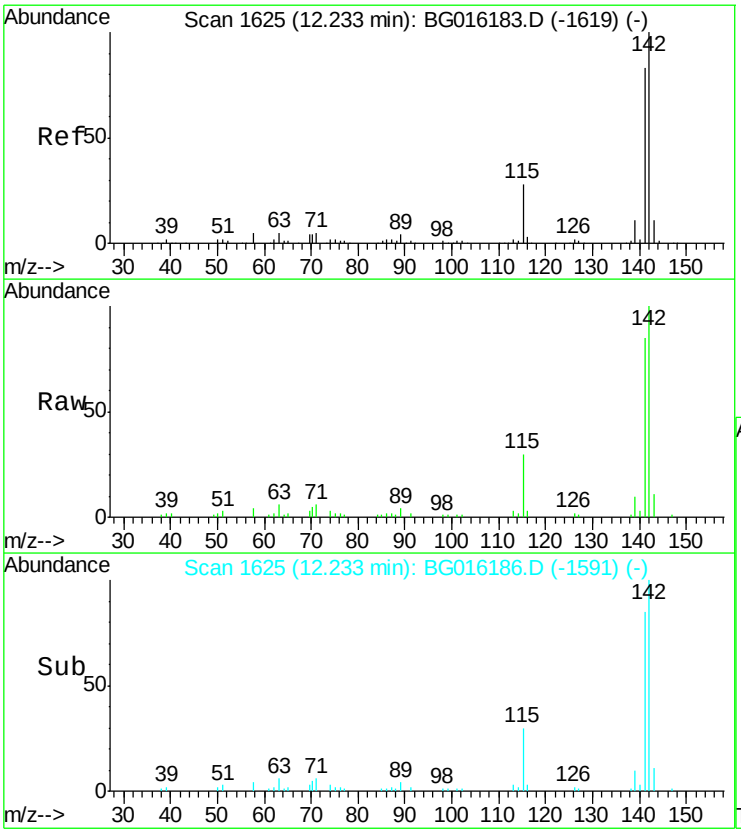
#28
Naphthalene
Concen: 6.37 ng/ul
RT: 10.62 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 83129

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.9	10.4	15.6

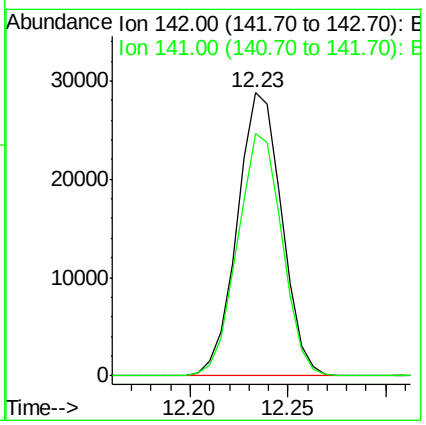


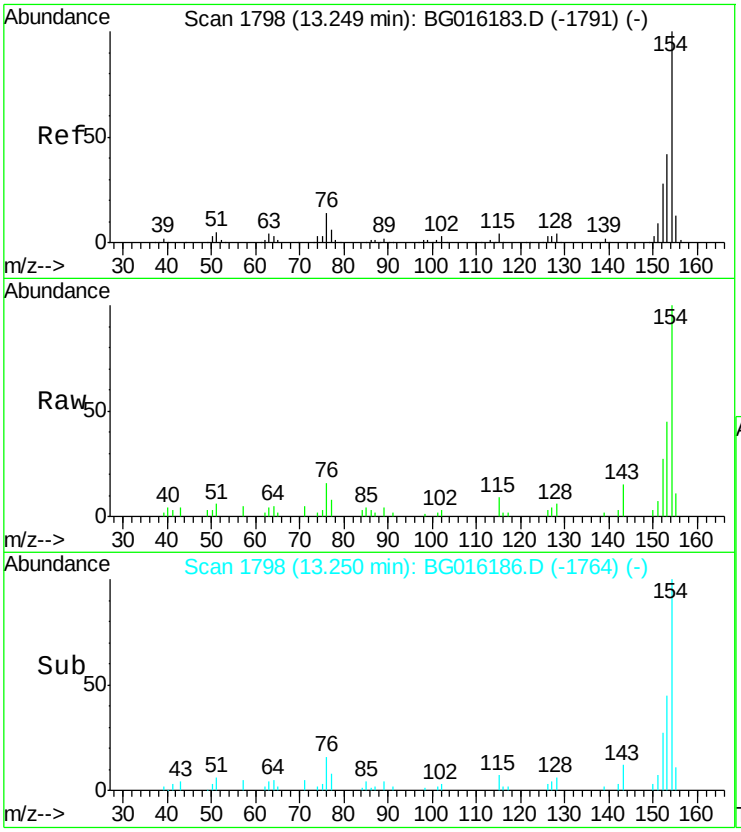


#34
2-Methylnaphthalene
Concen: 4.92 ng/ul
RT: 12.23 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:142 Resp: 45495

Ion	Ratio	Lower	Upper
142	100		
141	85.5	70.2	105.2



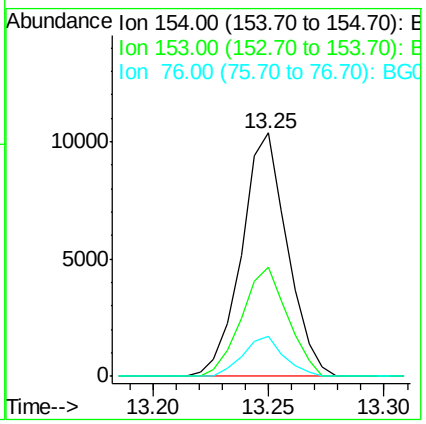


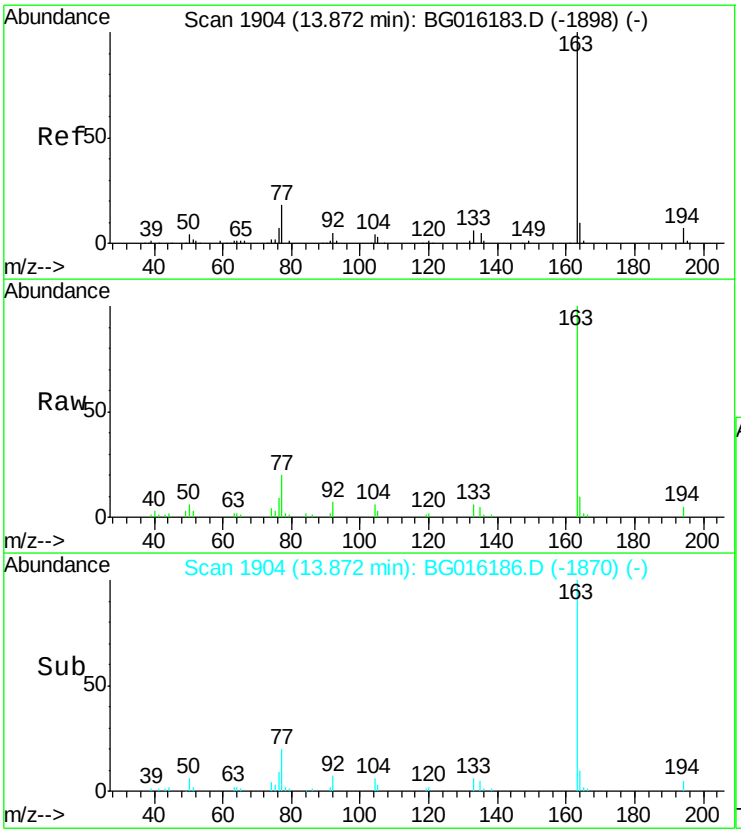
#40
1,1'-Biphenyl
Concen: 1.27 ng/ul
RT: 13.25 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 14305

Ion	Ratio	Lower	Upper
154	100		
153	44.6	33.9	50.9
76	16.4	12.6	19.0

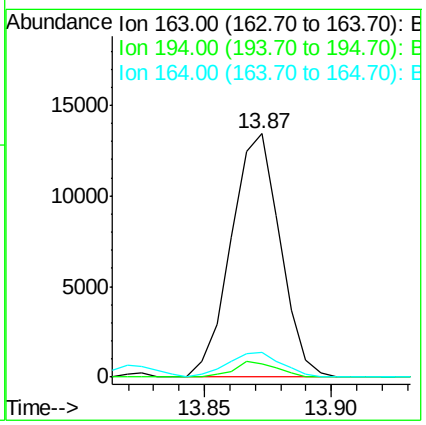


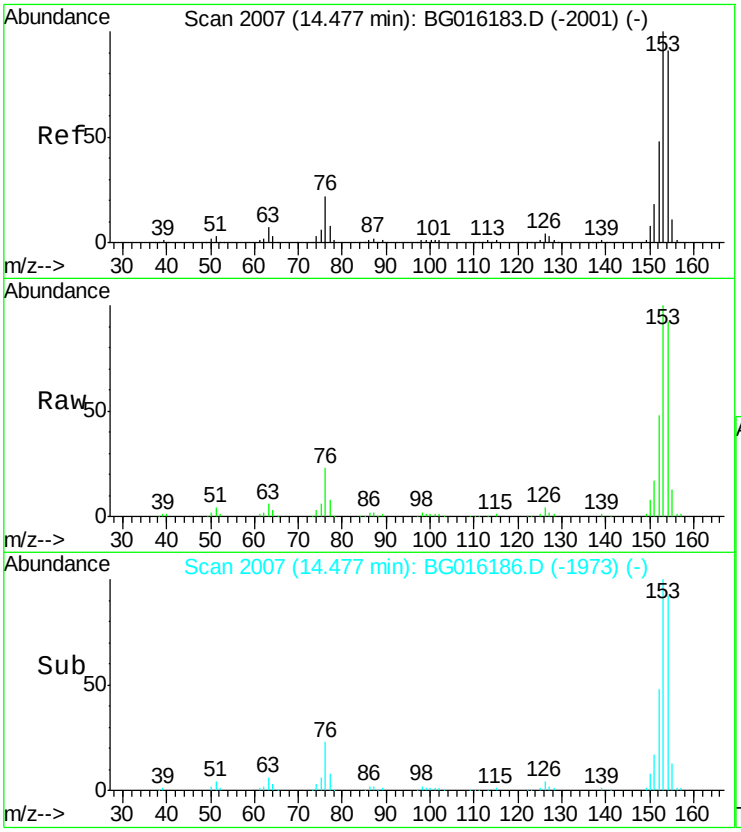


#44
Dimethylphthalate
Concen: 1.69 ng/ul
RT: 13.87 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:163 Resp: 18024

Ion	Ratio	Lower	Upper
163	100		
194	5.5	5.4	8.0
164	10.0	8.2	12.4



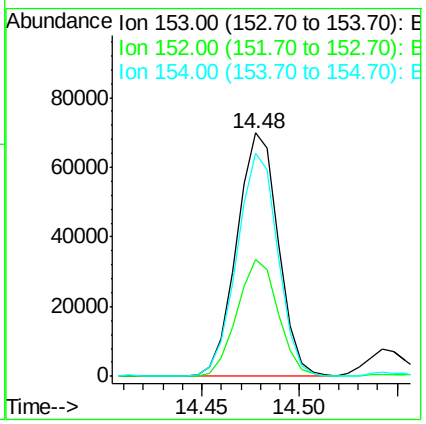


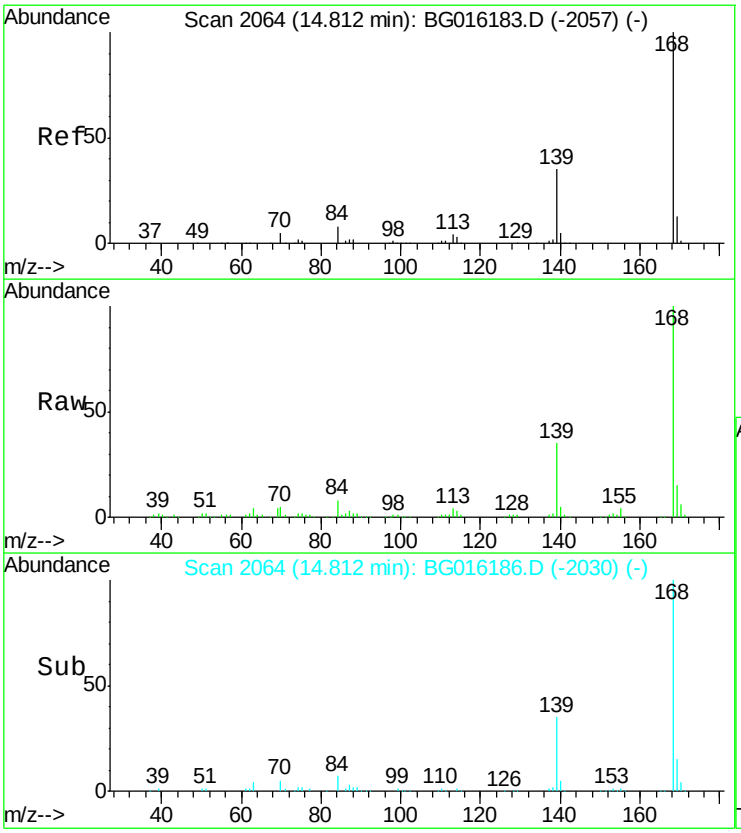
#49
Acenaphthene
Concen: 10.50 ng/ul
RT: 14.48 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 102931

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.4	56.2
154	91.8	74.4	111.6

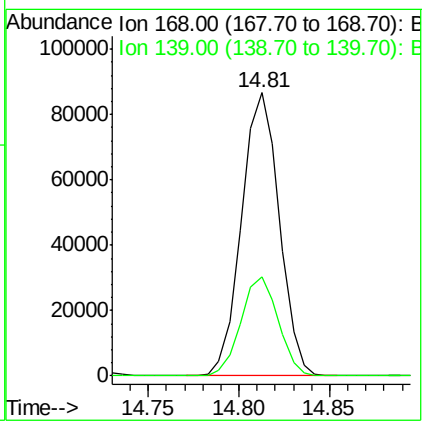


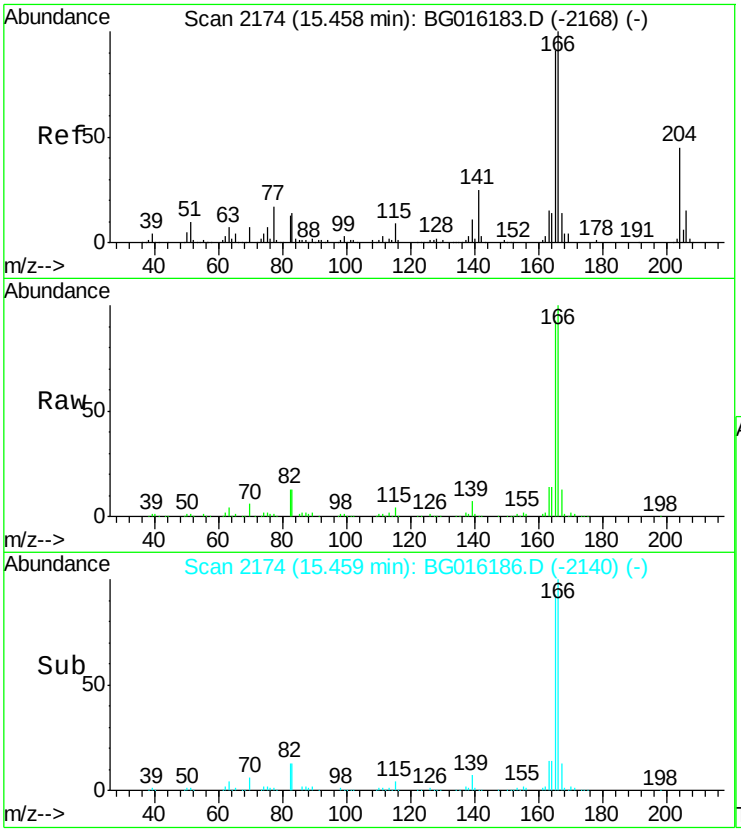


#53
Dibenzofuran
Concen: 9.48 ng/ul
RT: 14.81 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:168 Resp: 125423

Ion	Ratio	Lower	Upper
168	100		
139	34.9	29.1	43.7



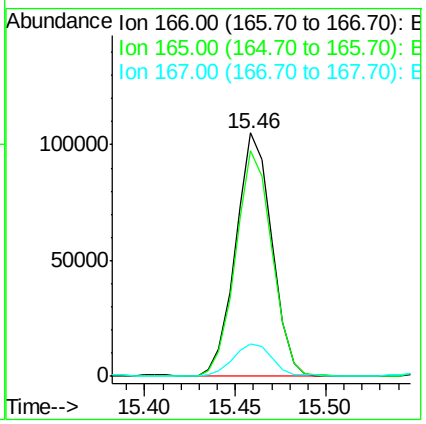


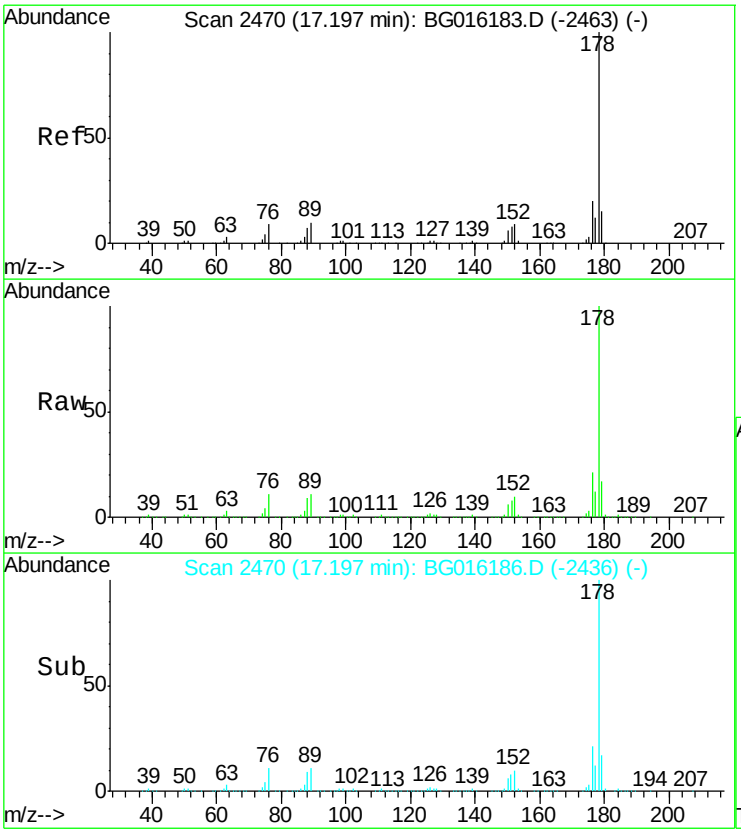
#58
Fluorene
Concen: 12.59 ng/ul
RT: 15.46 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 145493

Ion	Ratio	Lower	Upper
166	100		
165	92.9	76.1	114.1
167	13.5	10.5	15.7

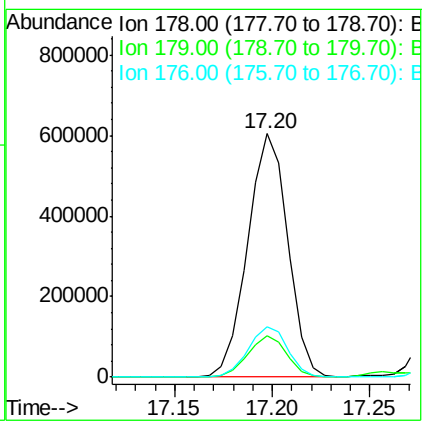


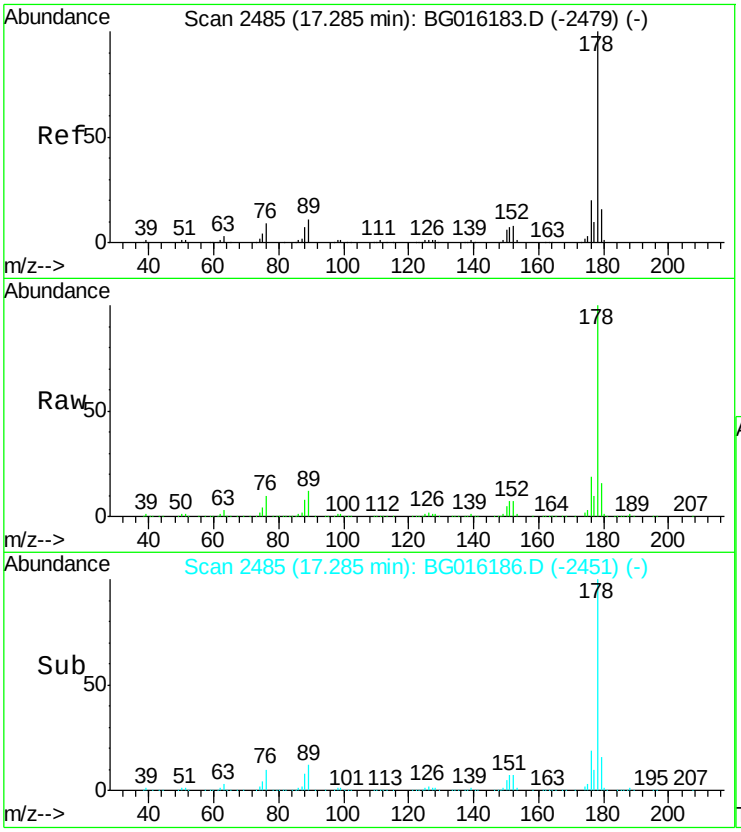


#69
Phenanthrene
Concen: 51.58 ng/ul
RT: 17.20 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:178 Resp: 859061

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.8	19.2
176	20.8	15.6	23.4



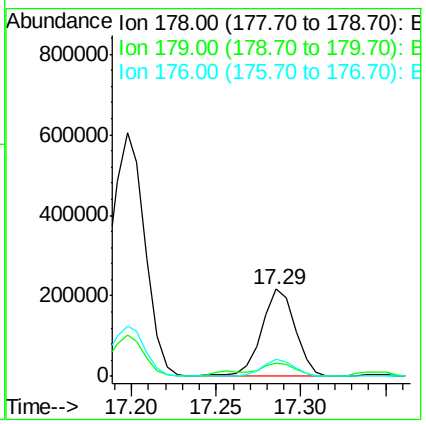


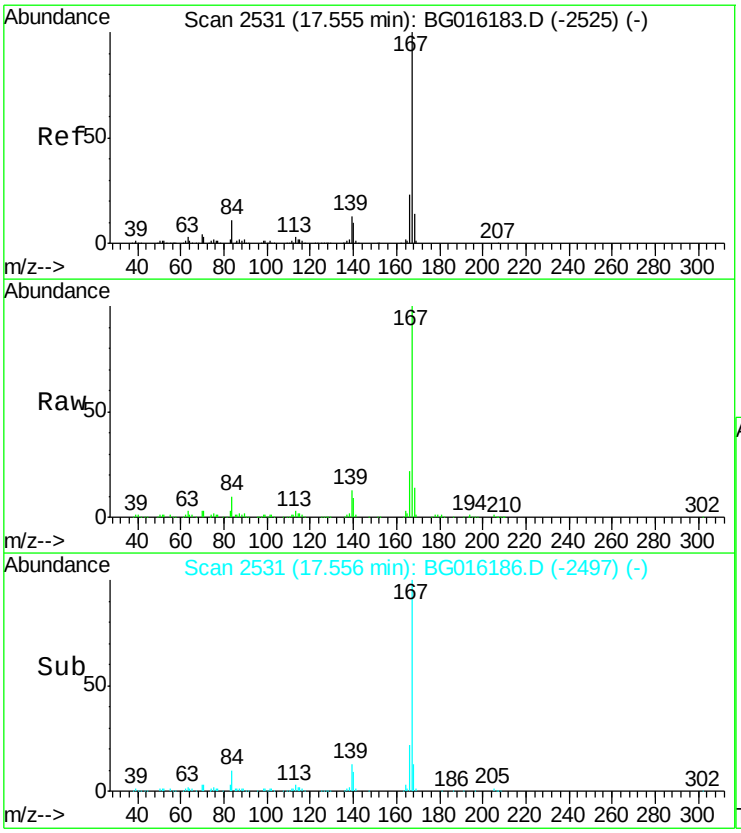
#71
Anthracene
Concen: 17.63 ng/ul
RT: 17.29 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 298158

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	19.3	15.3	22.9

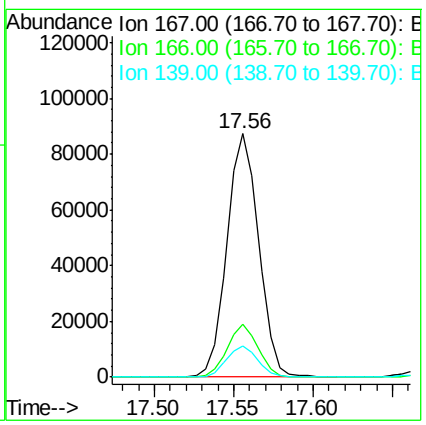


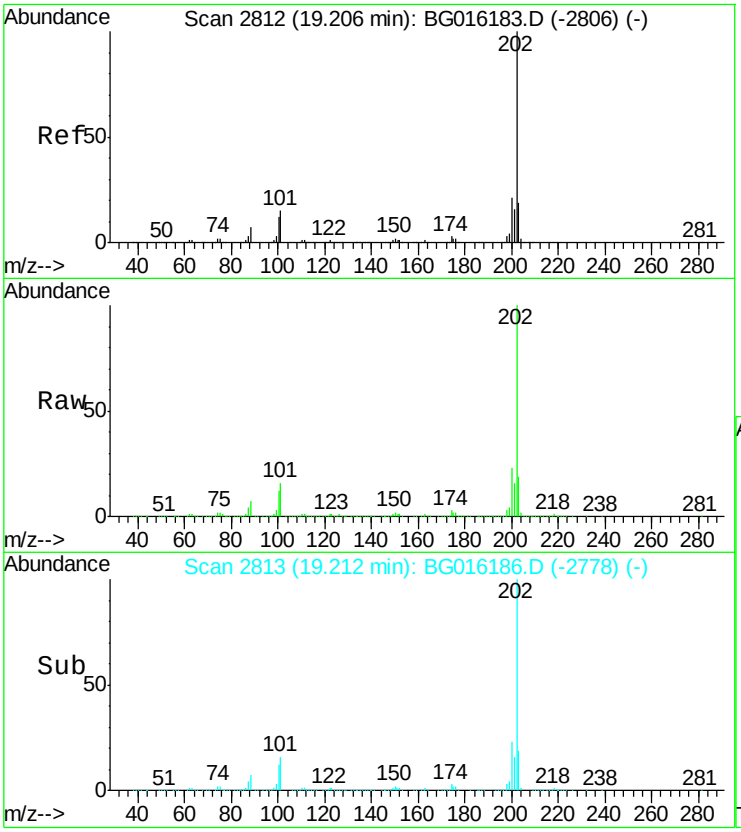


#72
Carbazole
Concen: 7.41 ng/ul
RT: 17.56 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:167 Resp: 120551

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	12.8	10.0	15.0



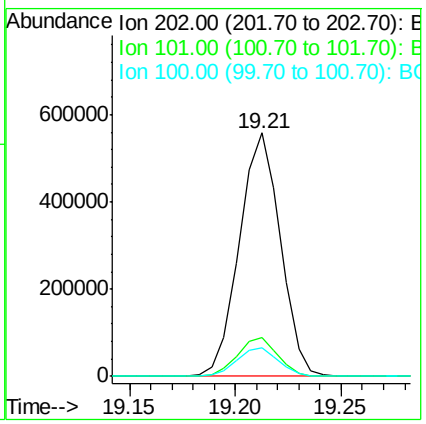


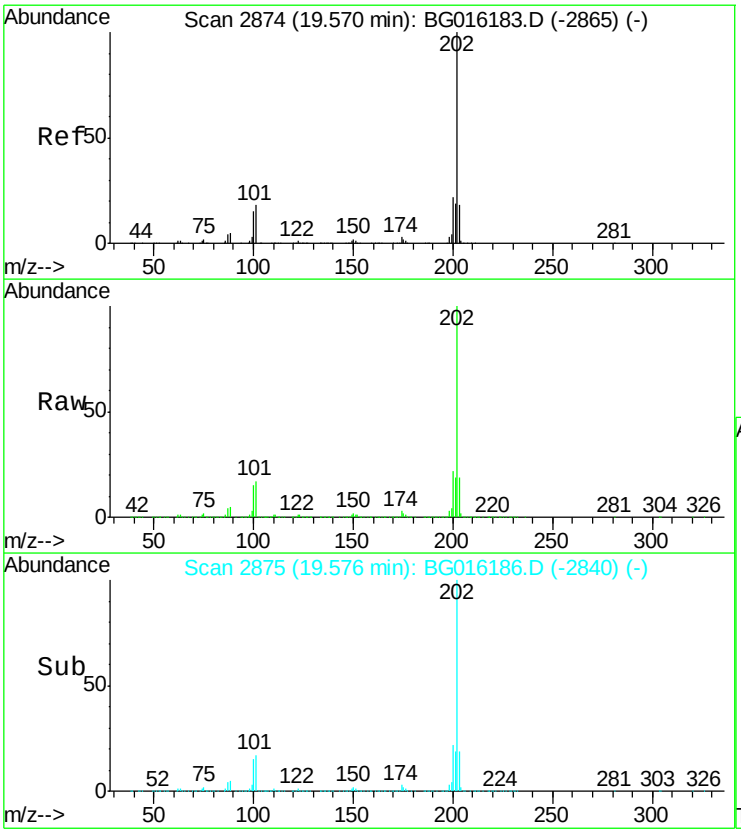
#74
Fluoranthene
Concen: 39.75 ng/ul
RT: 19.21 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 748422

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.9	19.3
100	11.8	9.4	14.2

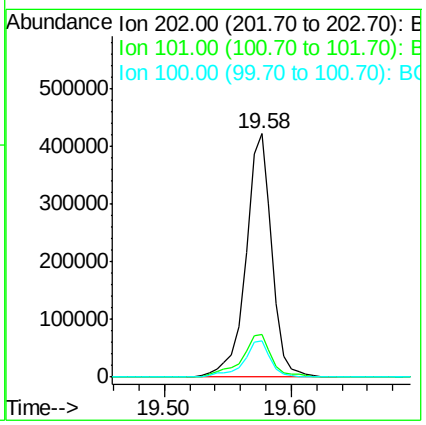


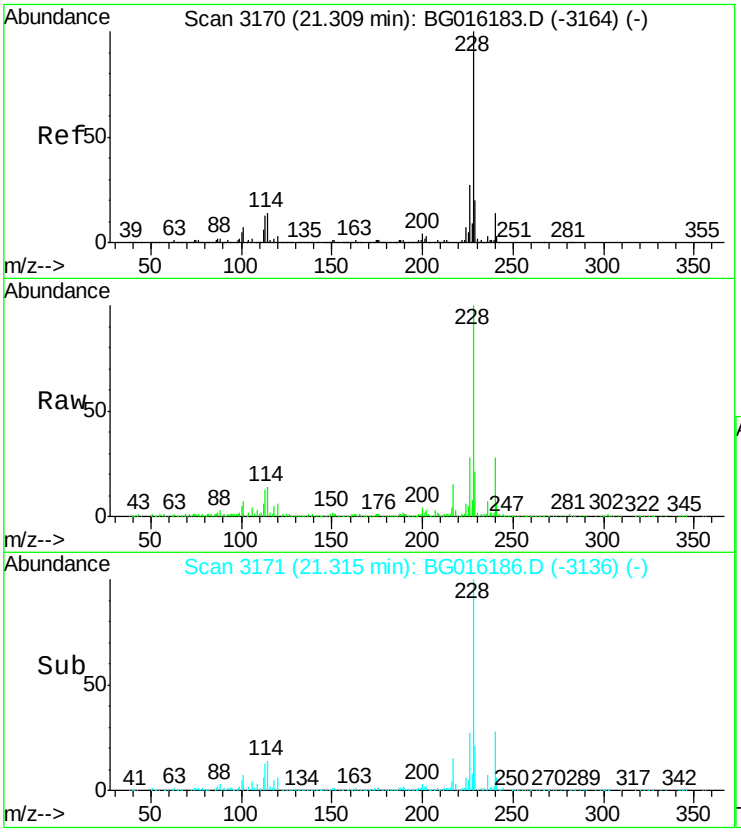


#77
Pyrene
Concen: 33.20 ng/ul
RT: 19.58 min Scan# 2875
Delta R.T. 0.01 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:202 Resp: 594698

Ion	Ratio	Lower	Upper
202	100		
101	17.3	14.6	21.8
100	14.7	12.1	18.1



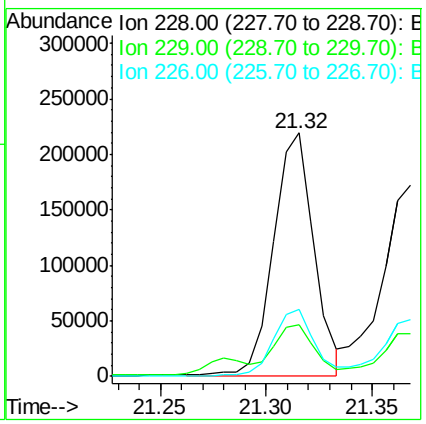


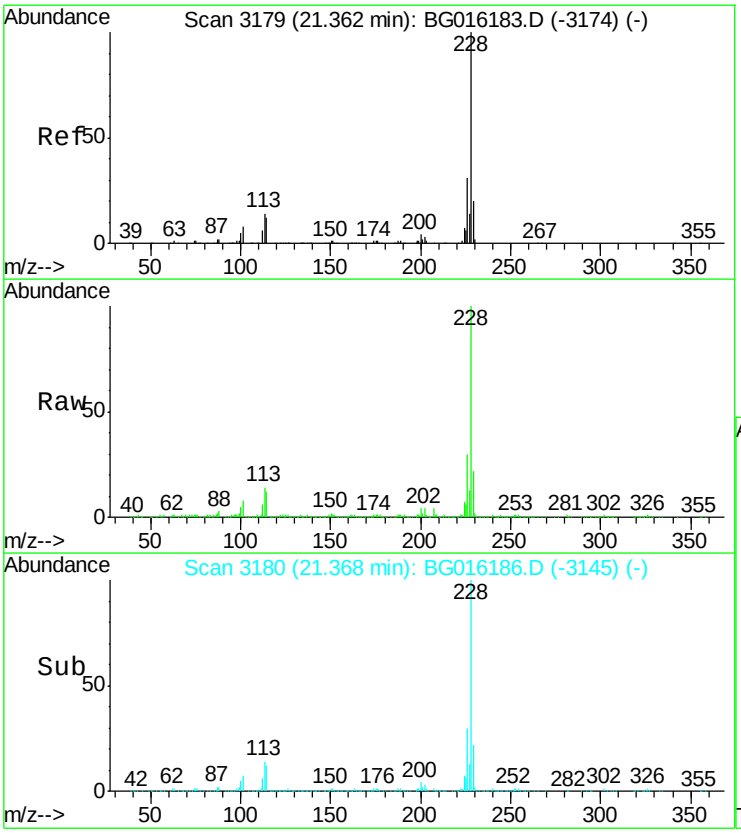
#80
Benzo(a)anthracene
Concen: 17.59 ng/ul
RT: 21.32 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 289999

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.2	24.4
226	27.5	22.4	33.6

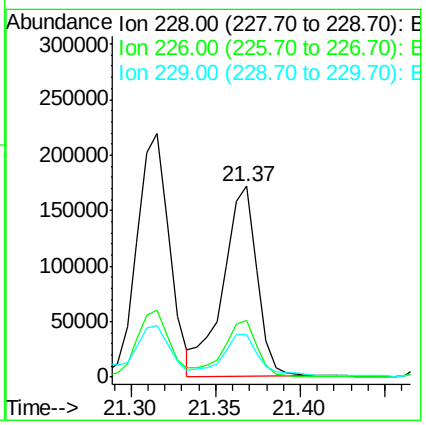


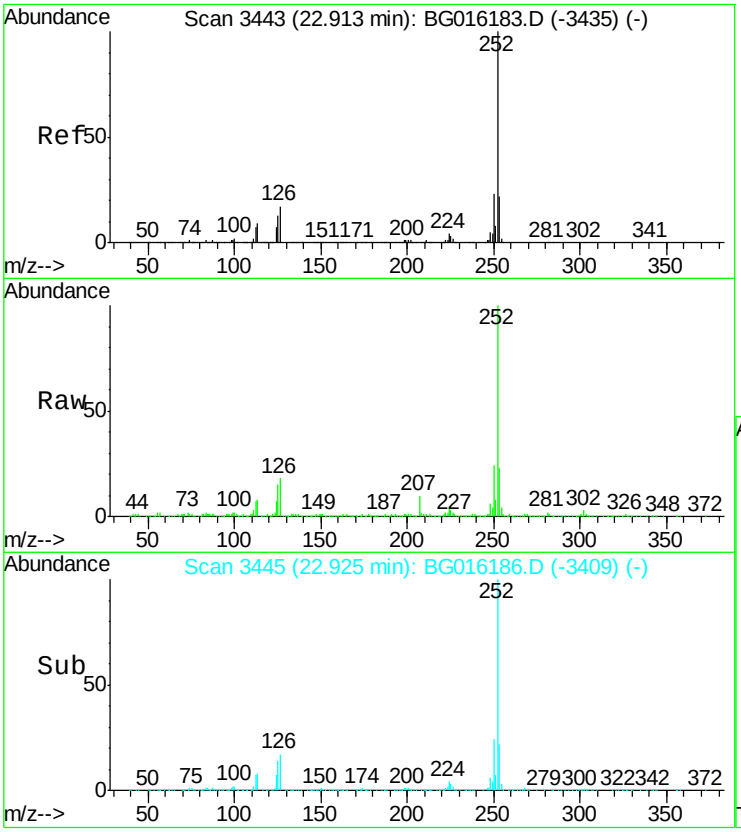


#82
Chrysene
Concen: 15.22 ng/ul
RT: 21.37 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:228 Resp: 238782

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	36.8
229	22.3	16.6	25.0



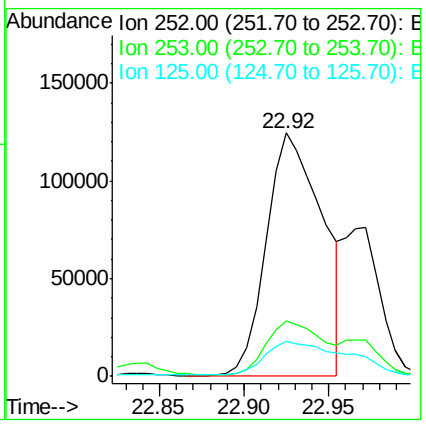


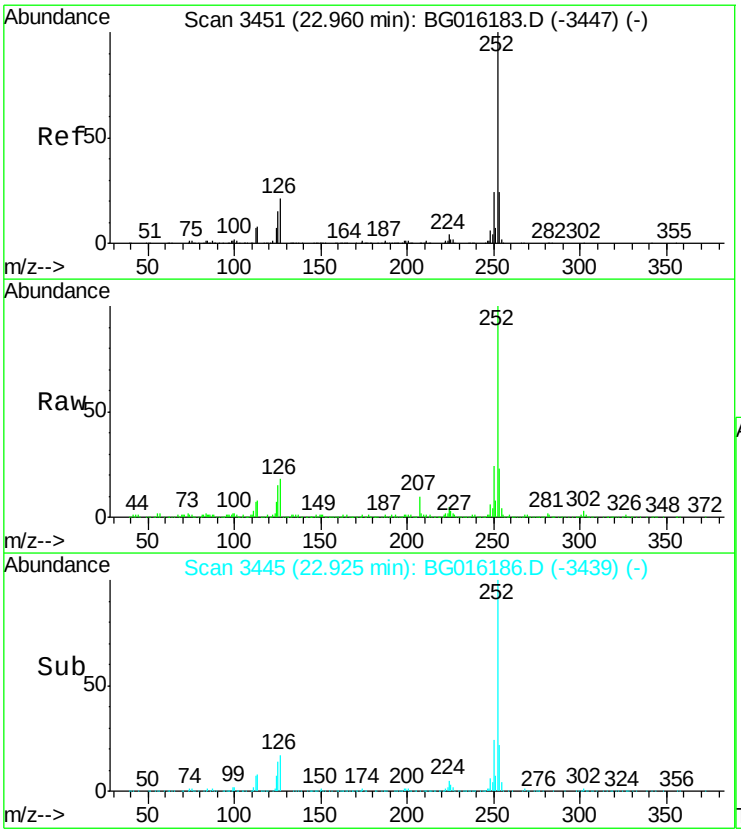
#85
Benzo(b)fluoranthene
Concen: 17.07 ng/ul
RT: 22.92 min Scan# 3445
Delta R.T. 0.01 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 284166

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.6	11.0	16.6

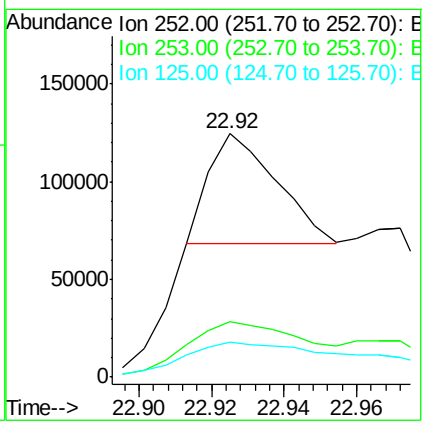


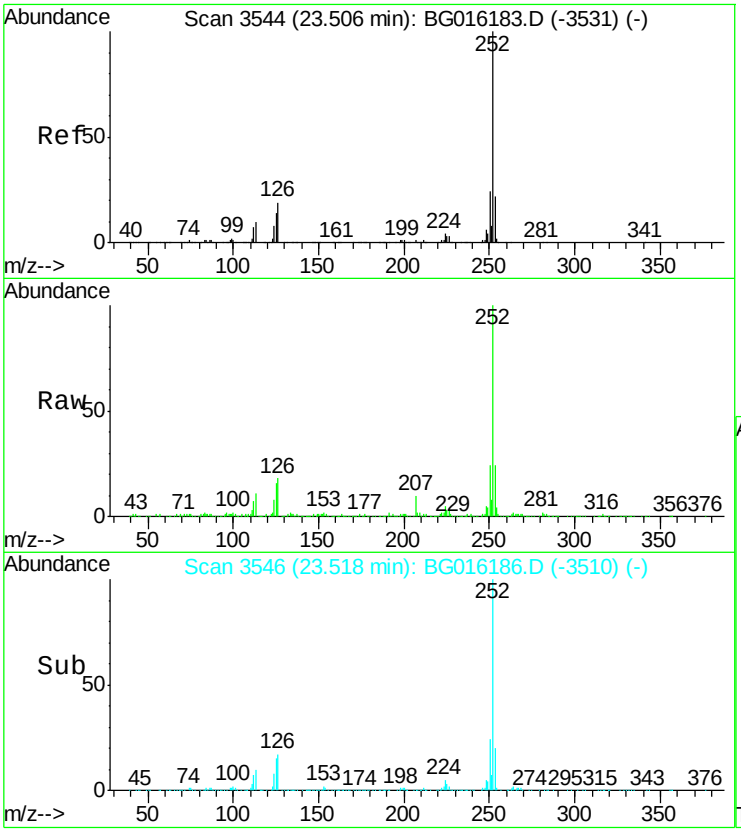


#86
Benzo(k)fluoranthene
Concen: 4.42 ng/ul
RT: 22.92 min Scan# 3445
Delta R.T. -0.03 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:252 Resp: 72617

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	14.6	10.7	16.1



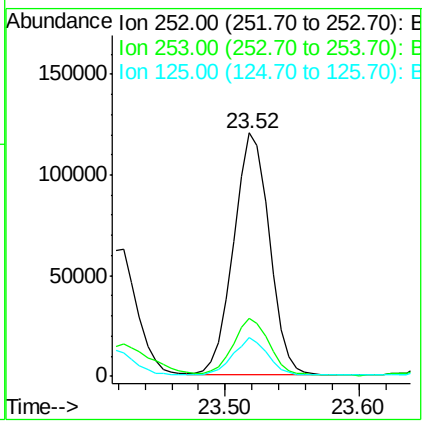


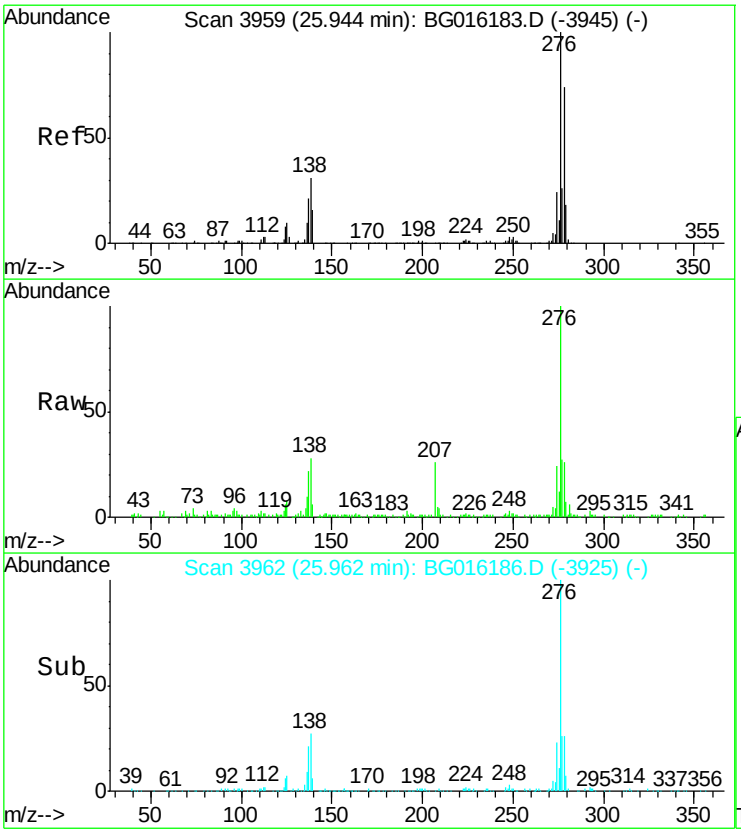
#88
Benzo(a)pyrene
Concen: 13.44 ng/ul
RT: 23.52 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 222870

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	15.7	11.5	17.3

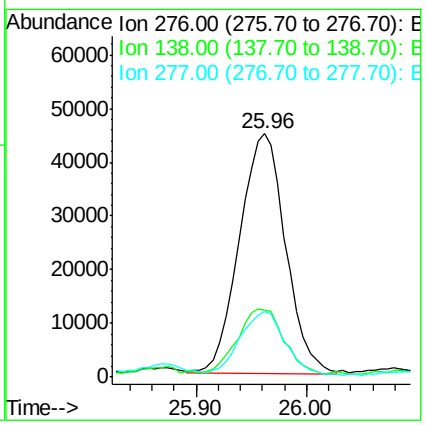


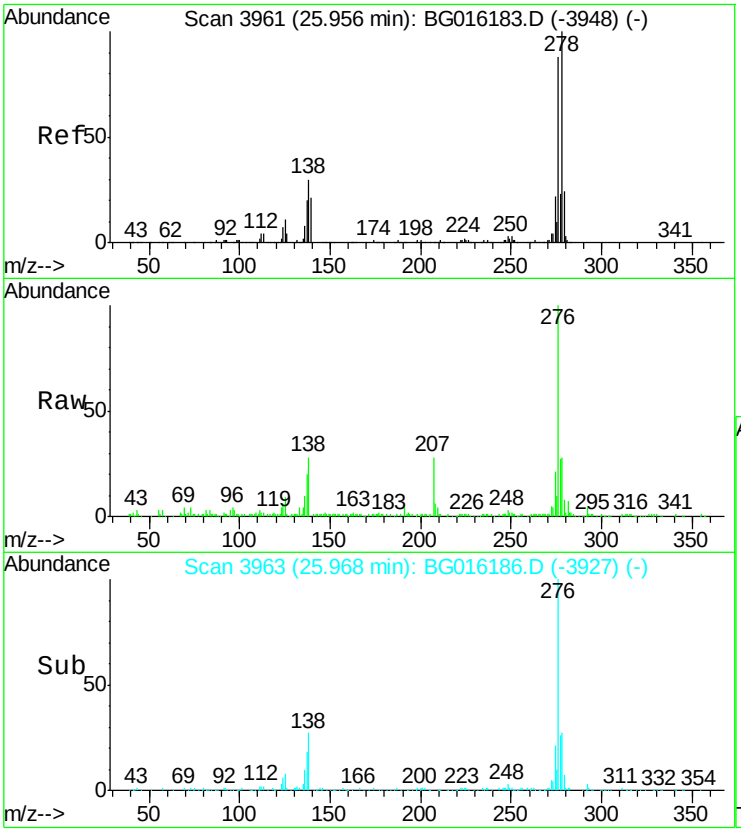


#89
Indeno(1,2,3-cd)pyrene
Concen: 6.82 ng/ul
RT: 25.96 min Scan# 3962
Delta R.T. 0.02 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:276 Resp: 130867

Ion	Ratio	Lower	Upper
276	100		
138	27.6	26.1	39.1
277	26.8	20.0	30.0



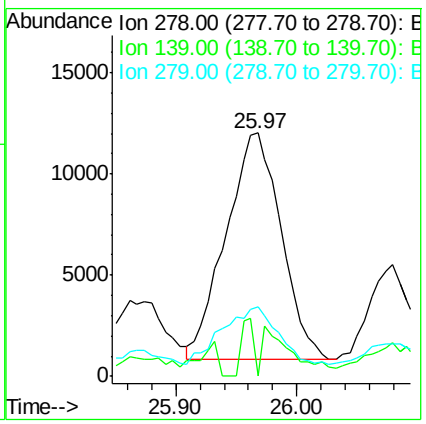


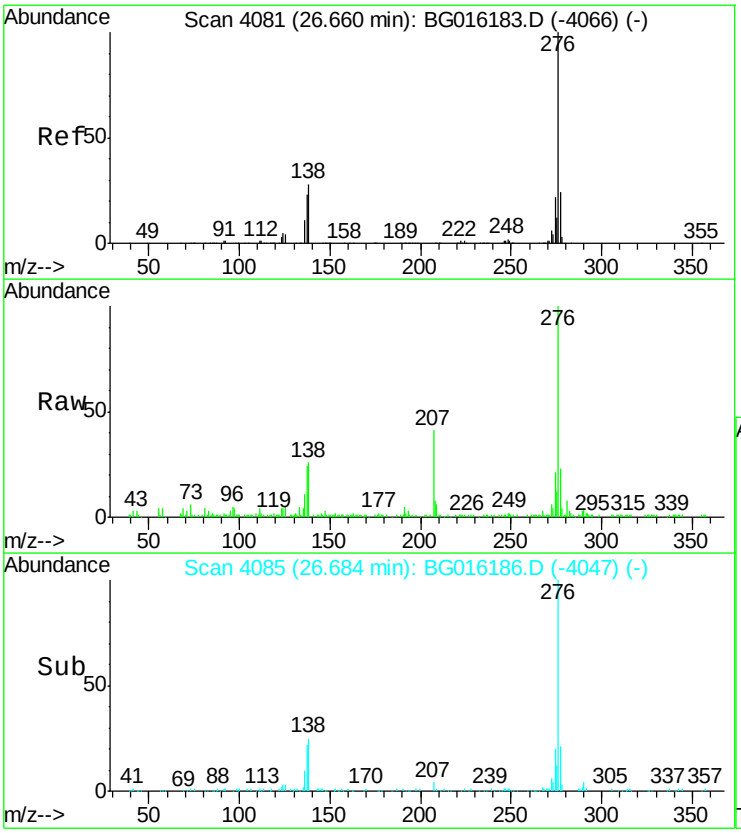
#90
Dibenzo(a,h)anthracene
Concen: 2.20 ng/ul
RT: 25.97 min Scan# 3963
Delta R.T. 0.01 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 35363

Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.8	26.6#
279	28.4	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 6.37 ng/ul
RT: 26.68 min Scan# 4085
Delta R.T. 0.02 min
Lab File: BG016186.D
Acq: 27 Mar 2015 21:47

Tgt Ion:276 Resp: 102763

Ion	Ratio	Lower	Upper
276	100		
138	25.8	22.0	33.0
277	22.7	19.0	28.4