Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031915\
Data File : BG016076.D
Acq On : 19 Mar 2015 21:52
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 21 01:30:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 01:12:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	111613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	468334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	250726	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	458036	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	482514	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	509064	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	218892	22.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	116559	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	168112	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	163643	21.71	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	83331	22.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	84744	23.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	143935	21.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	106845	11.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	392082	23.99	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	528934	23.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	68348	17.51	ng/ul	0.00
57) Fluorene-d10	15.42	176	361421	22.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	34687	14.49	ng/ul	0.00
70) Anthracene-d10	17.27	188	489846	23.41	ng/ul	0.00
76) Pyrene-d10	19.56	212	497991	23.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	520298	23.43	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.00	94	12309	1.12	ng/ul	97
28) Naphthalene	10.64	128	49789	1.97	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	20422	1.14	ng/ul	93
44) Dimethylphthalate	13.89	163	25606	1.38	ng/ul	98
49) Acenaphthene	14.49	153	133515	7.82	ng/ul	99
53) Dibenzofuran	14.83	168	164997	7.16	ng/ul	98
58) Fluorene	15.47	166	246030	12.22	ng/ul	99
69) Phenanthrene	17.22	178	1678112	64.45	ng/ul#	90
71) Anthracene	17.30	178	569578	21.55	ng/ul	99
72) Carbazole	17.57	167	236138	9.29	ng/ul	97
74) Fluoranthene	19.23	202	2250153	76.44	ng/ul#	85
77) Pyrene	19.60	202	1911929	64.40	ng/ul#	90
80) Benzo(a)anthracene	21.33	228	1083089	39.62	ng/ul#	92
82) Chrysene	21.33	228	1098739	42.25	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	1388037	47.50	ng/ul#	87
86) Benzo(k)fluoranthene	22.97	252	295341	10.24	ng/ul#	86
88) Benzo(a)pyrene	23.57	252	1011528	34.74	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	26.04	276	567924	16.86	ng/ul	96
90) Dibenzo(a,h)anthracene	26.05	278	146884	5.20	ng/ul#	69
91) Benzo(g,h,i)perylene	26.77	276	473629	16.73	ng/ul#	92

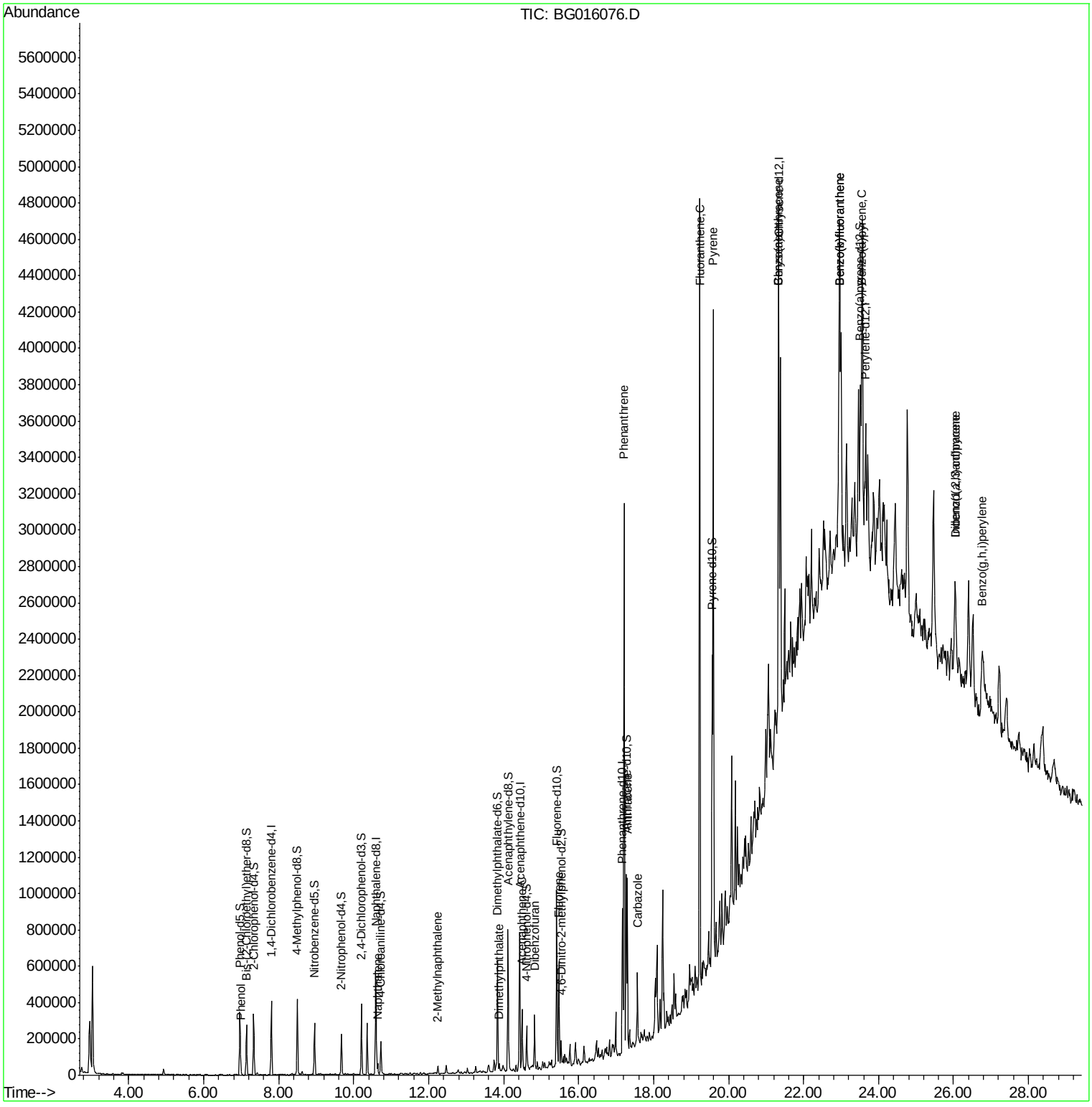
(#) = qualifier out of range (m) = manual integration (+) = signals summed

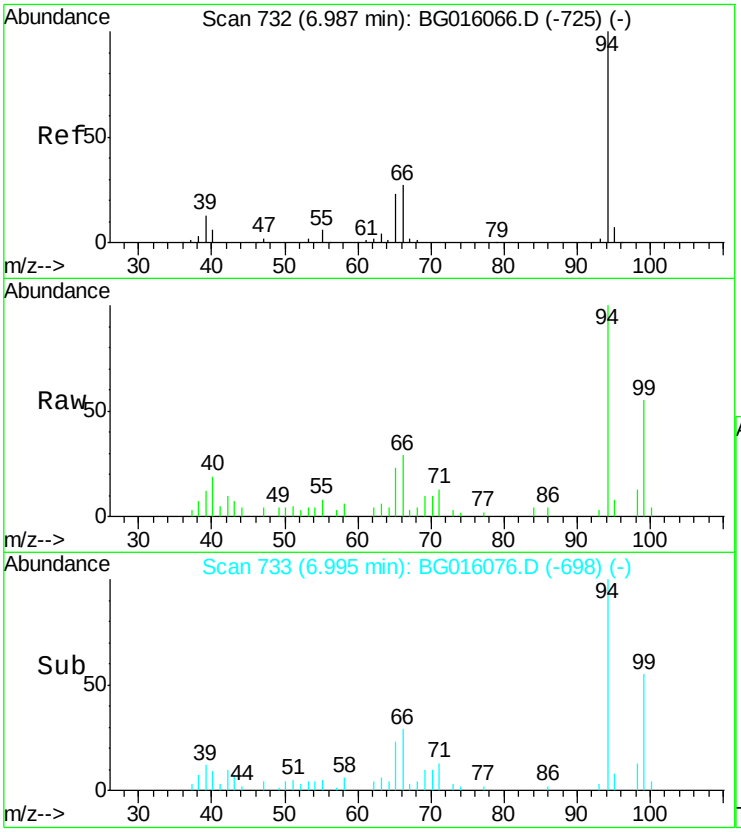
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031915\
Data File : BG016076.D
Acq On : 19 Mar 2015 21:52
Operator : TP/IZ
Sample : G1565-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 21 01:30:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 01:12:50 2015
Response via : Initial Calibration



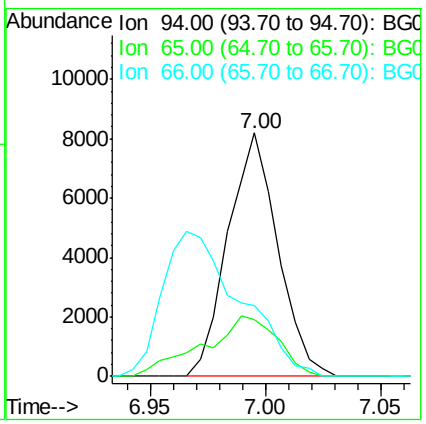


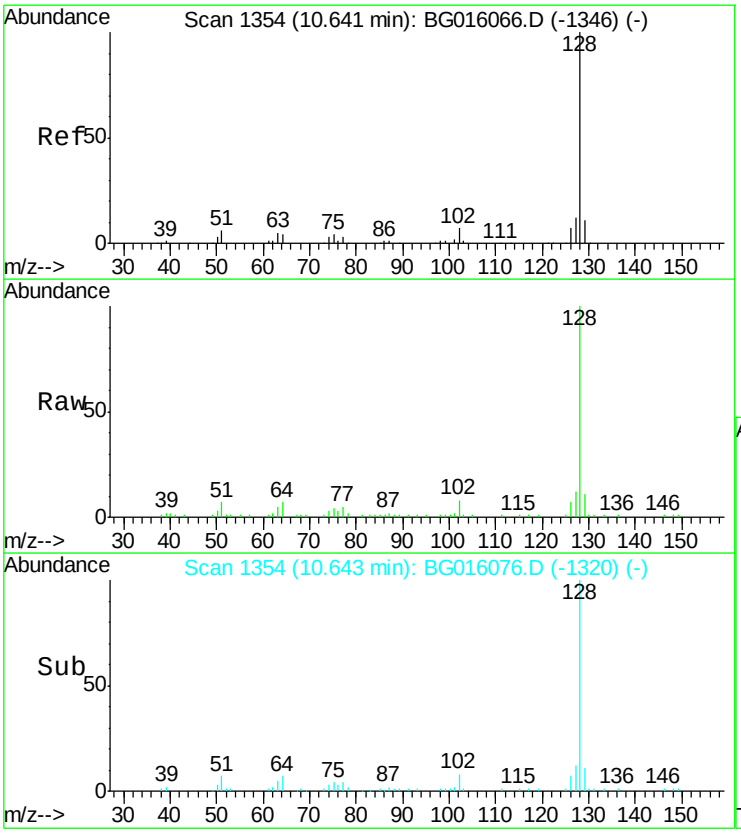
#6
Phenol
Concen: 1.12 ng/ul
RT: 7.00 min Scan# 733
Delta R.T. 0.01 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 12309

Ion	Ratio	Lower	Upper
94	100		
65	23.5	18.4	27.6
66	29.1	21.1	31.7

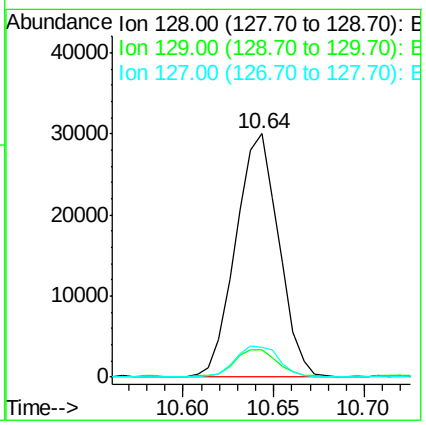


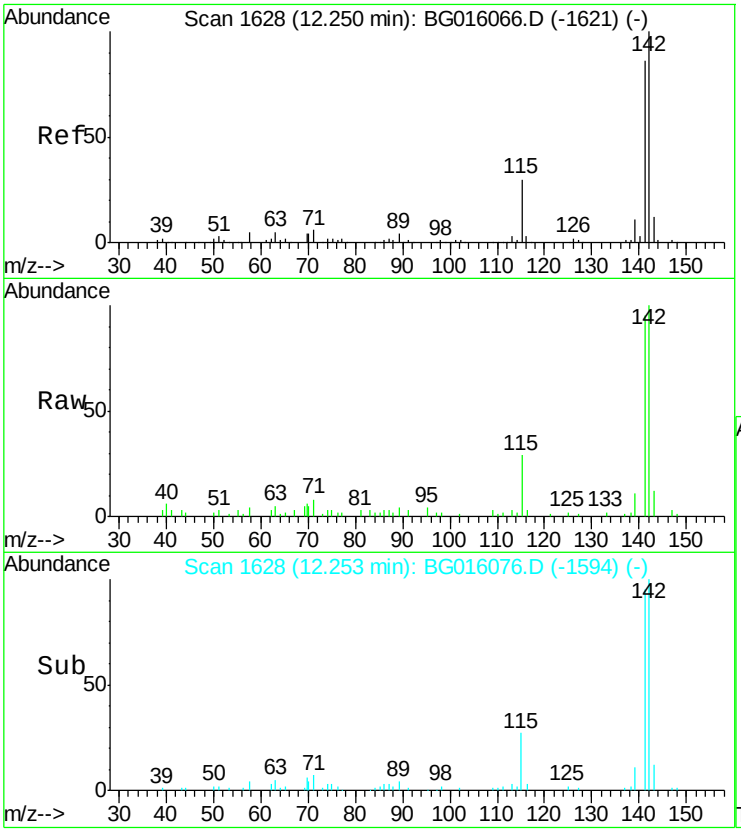


#28
Naphthalene
Concen: 1.97 ng/ul
RT: 10.64 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:128 Resp: 49789

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	12.2	10.4	15.6



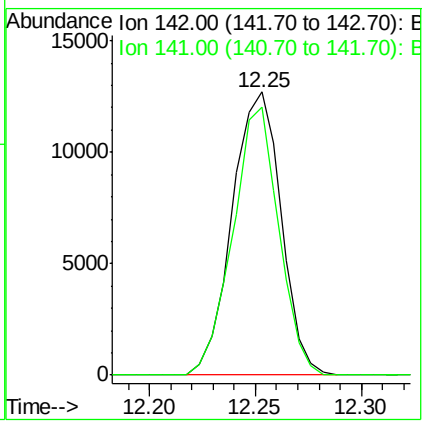


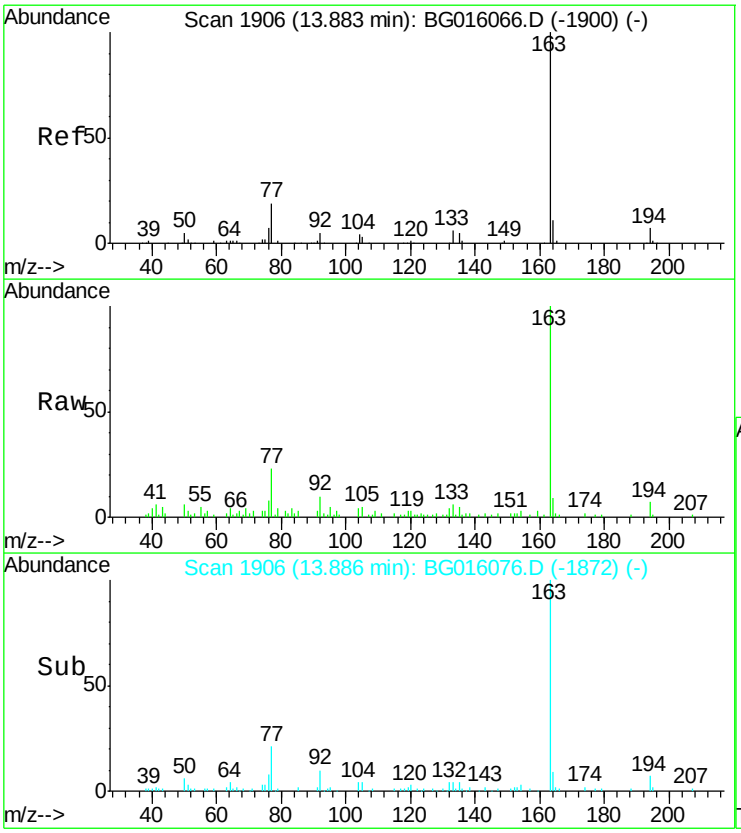
#34
2-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 12.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 20422

Ion	Ratio	Lower	Upper
142	100		
141	94.6	70.2	105.2

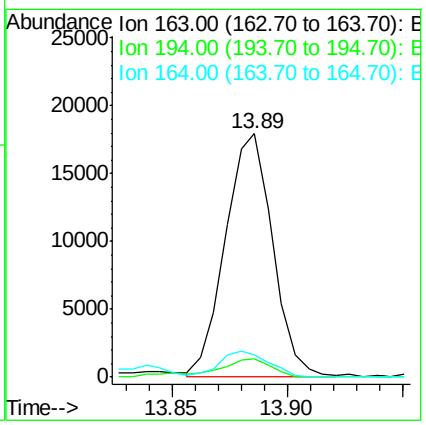


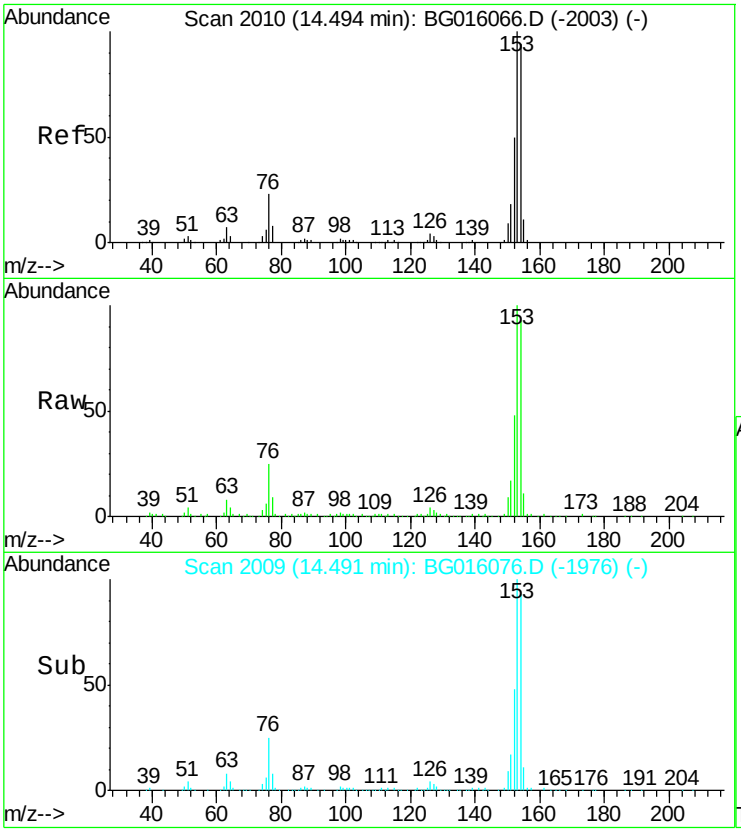


#44
Dimethylphthalate
Concen: 1.38 ng/ul
RT: 13.89 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:163 Resp: 25606

Ion	Ratio	Lower	Upper
163	100		
194	7.4	5.4	8.0
164	9.4	8.2	12.4



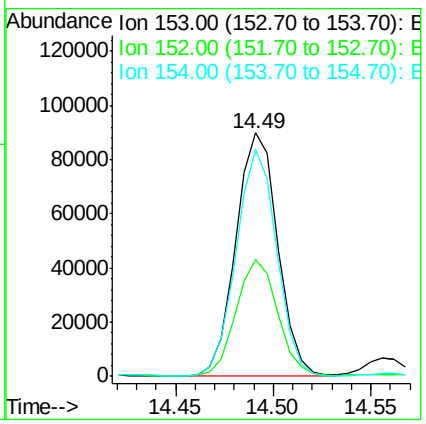


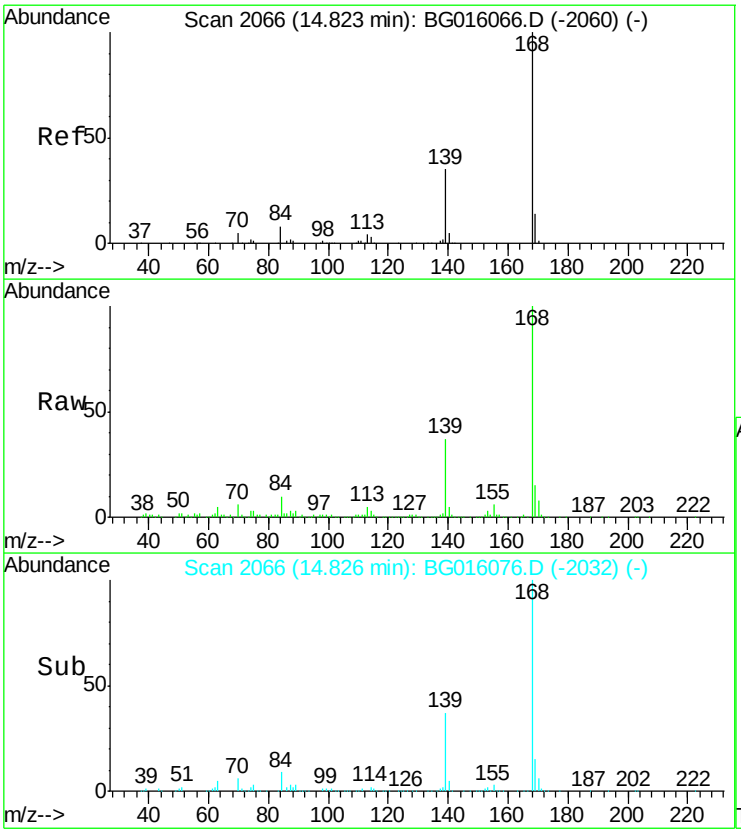
#49
Acenaphthene
Concen: 7.82 ng/ul
RT: 14.49 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 133515

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.4	56.2
154	93.1	74.4	111.6

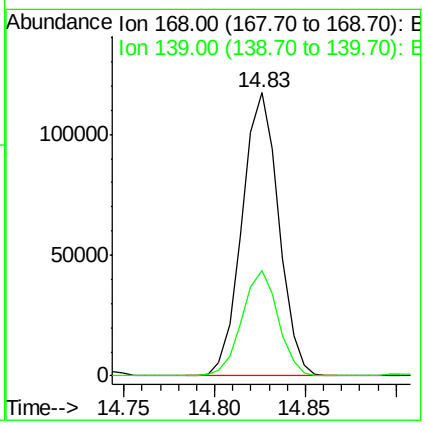


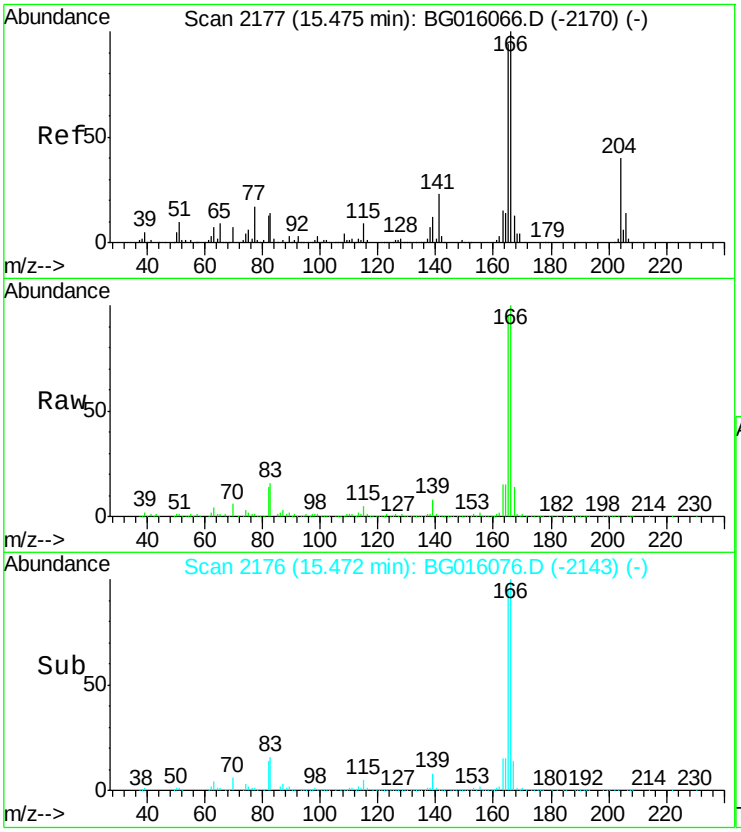


#53
Dibenzofuran
Concen: 7.16 ng/ul
RT: 14.83 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:168 Resp: 164997

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.1	43.7



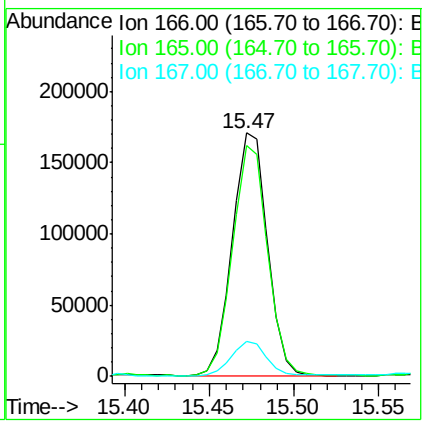


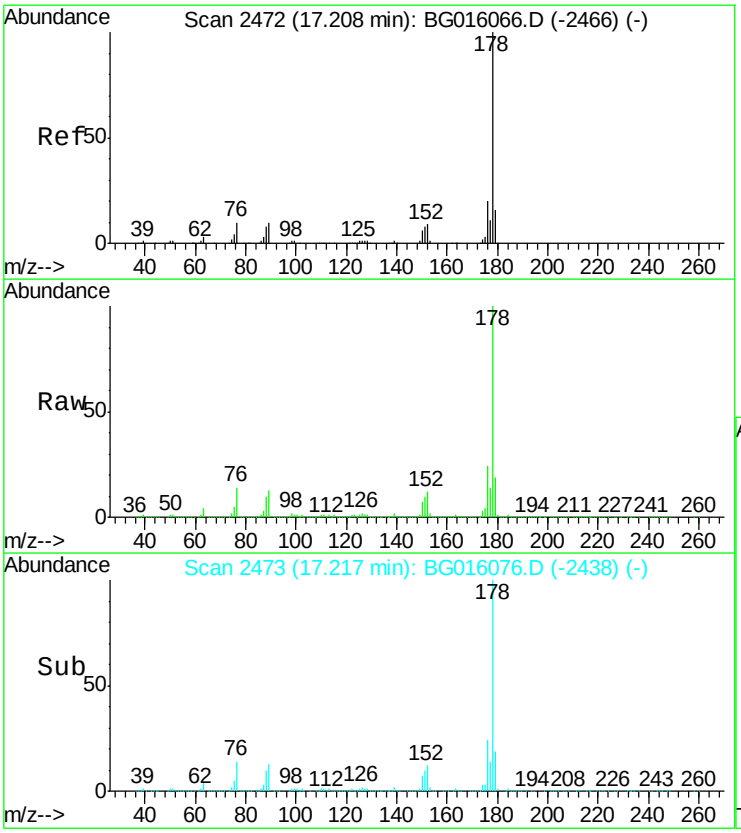
#58
Fluorene
Concen: 12.22 ng/ul
RT: 15.47 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 246030

Ion	Ratio	Lower	Upper
166	100		
165	94.8	76.1	114.1
167	14.2	10.5	15.7

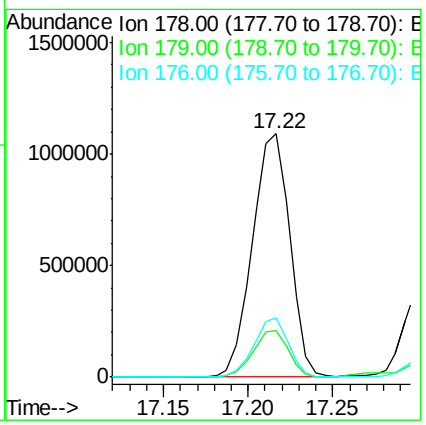


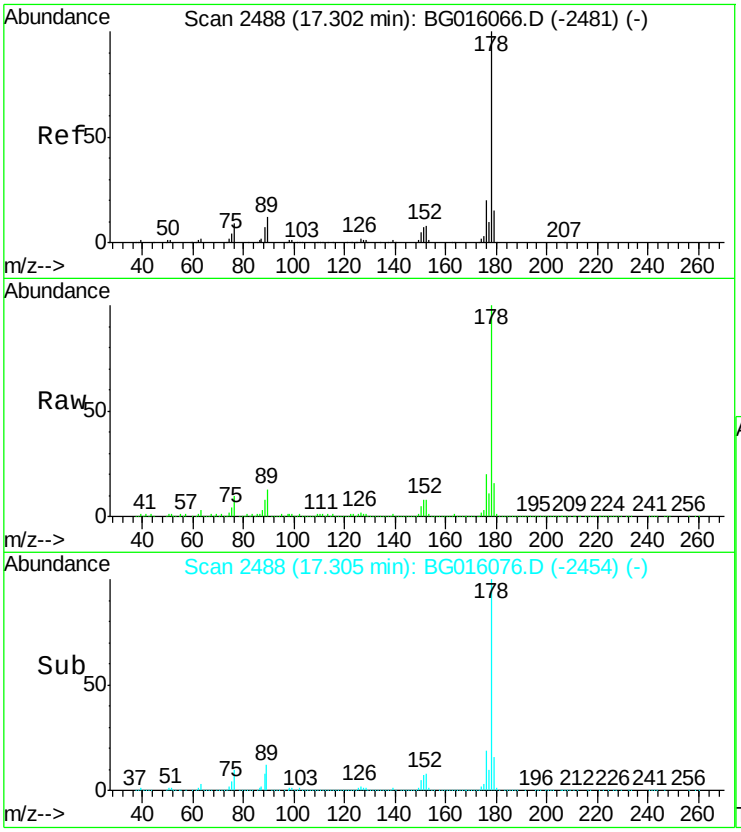


#69
Phenanthrene
Concen: 64.45 ng/ul
RT: 17.22 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:178 Resp: 1678112

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.8	19.2#
176	24.5	15.6	23.4#



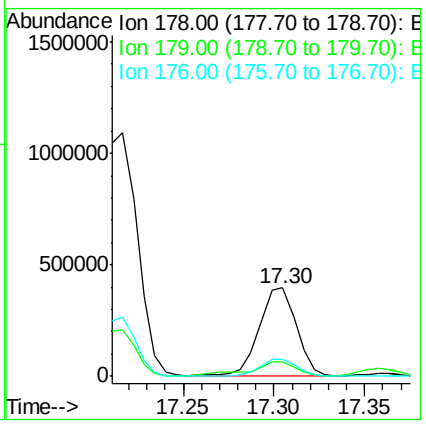


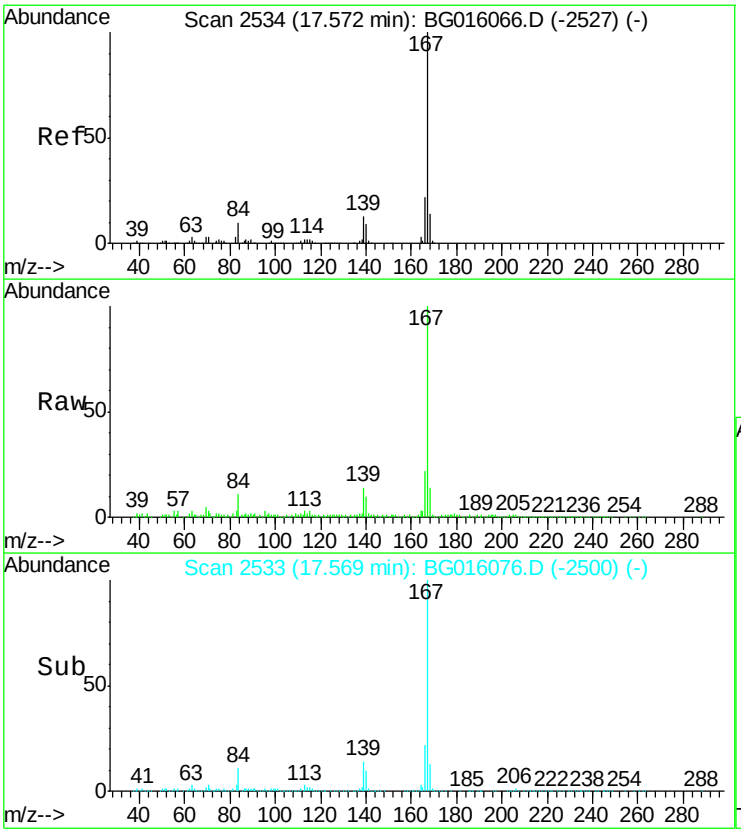
#71
Anthracene
Concen: 21.55 ng/ul
RT: 17.30 min Scan# 2488
Delta R.T. 0.00 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 569578

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.6	15.3	22.9

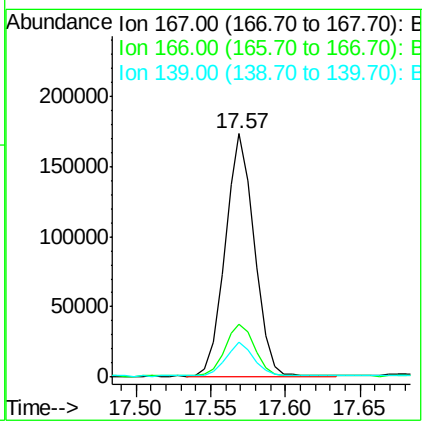


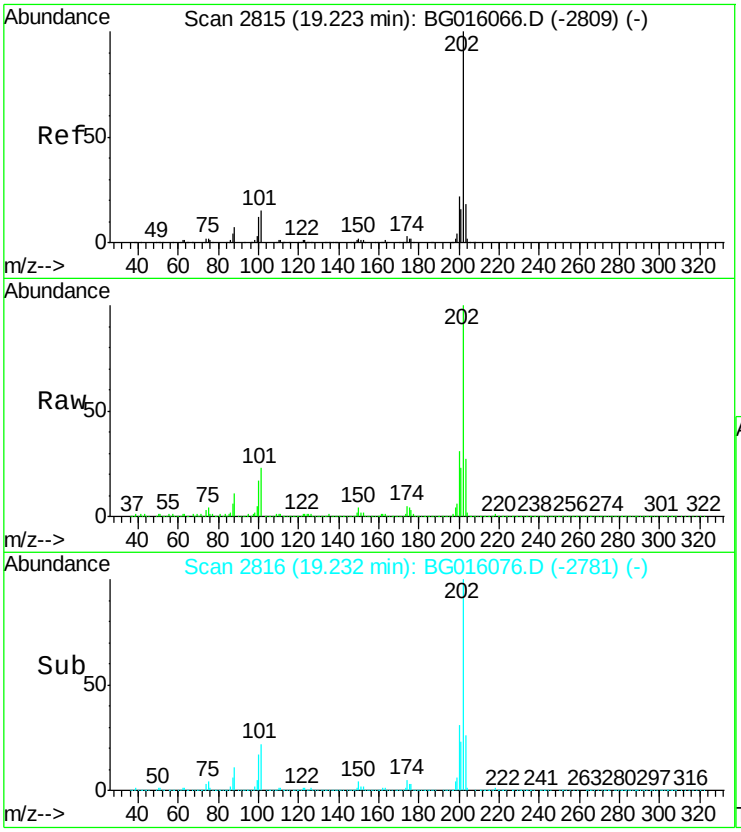


#72
Carbazole
Concen: 9.29 ng/ul
RT: 17.57 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:167 Resp: 236138

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	14.4	10.0	15.0



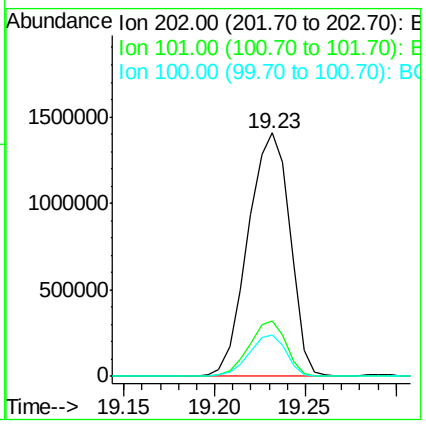


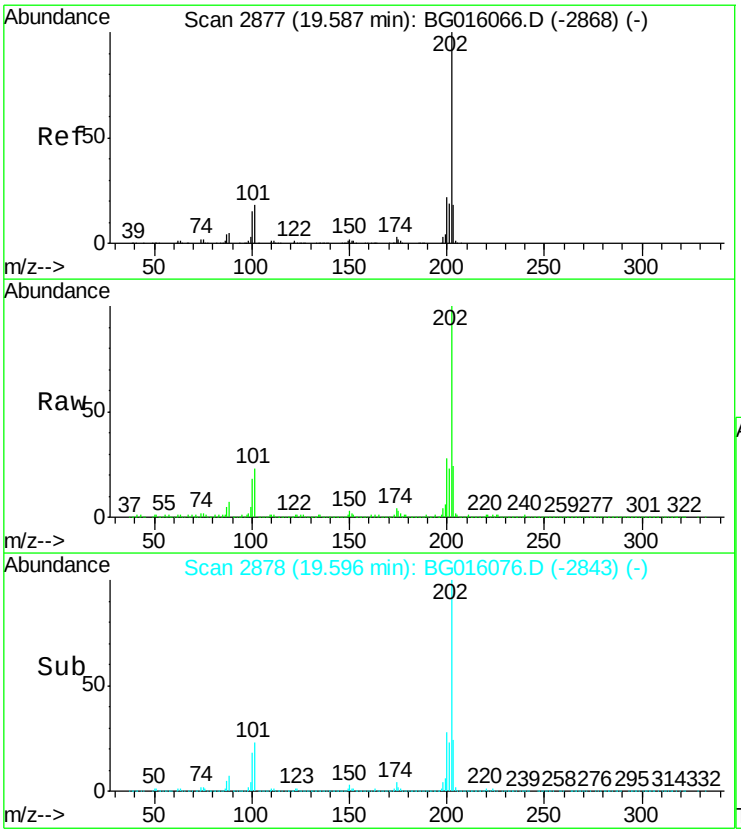
#74
Fluoranthene
Concen: 76.44 ng/ul
RT: 19.23 min Scan# 2816
Delta R.T. 0.01 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 2250153

Ion	Ratio	Lower	Upper
202	100		
101	22.6	12.9	19.3#
100	17.0	9.4	14.2#

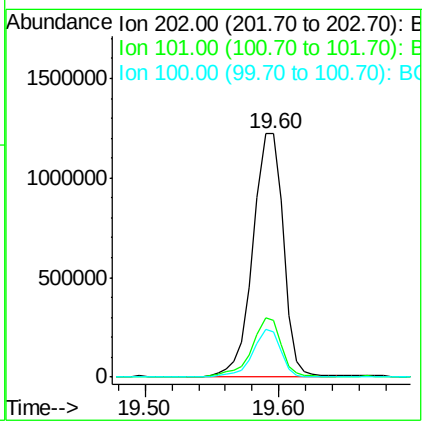


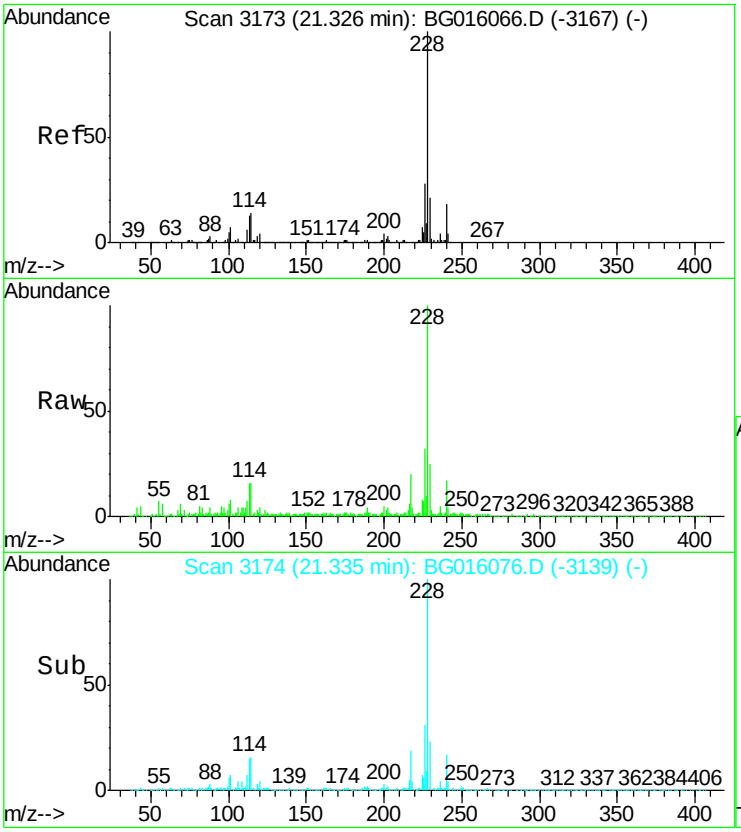


#77
Pyrene
Concen: 64.40 ng/ul
RT: 19.60 min Scan# 2878
Delta R.T. 0.01 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:202 Resp: 1911929

Ion	Ratio	Lower	Upper
202	100		
101	23.1	14.6	21.8#
100	18.4	12.1	18.1#



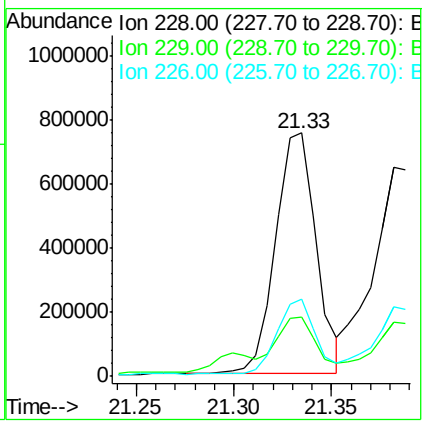


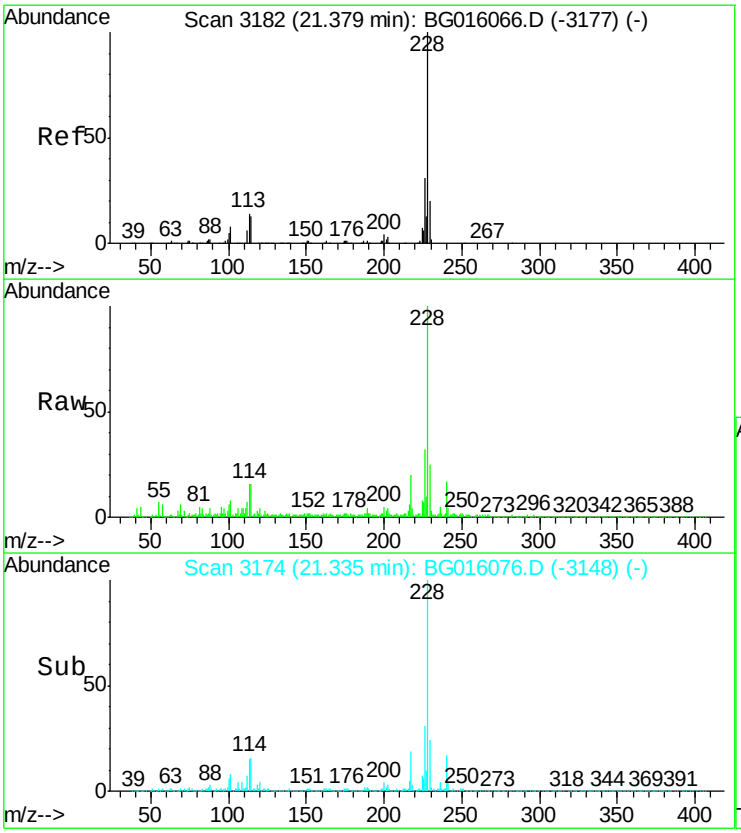
#80
Benzo(a)anthracene
Concen: 39.62 ng/ul
RT: 21.33 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1083089

Ion	Ratio	Lower	Upper
228	100		
229	24.6	16.2	24.4#
226	31.5	22.4	33.6

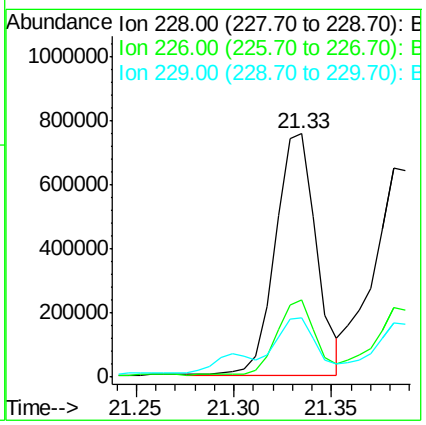


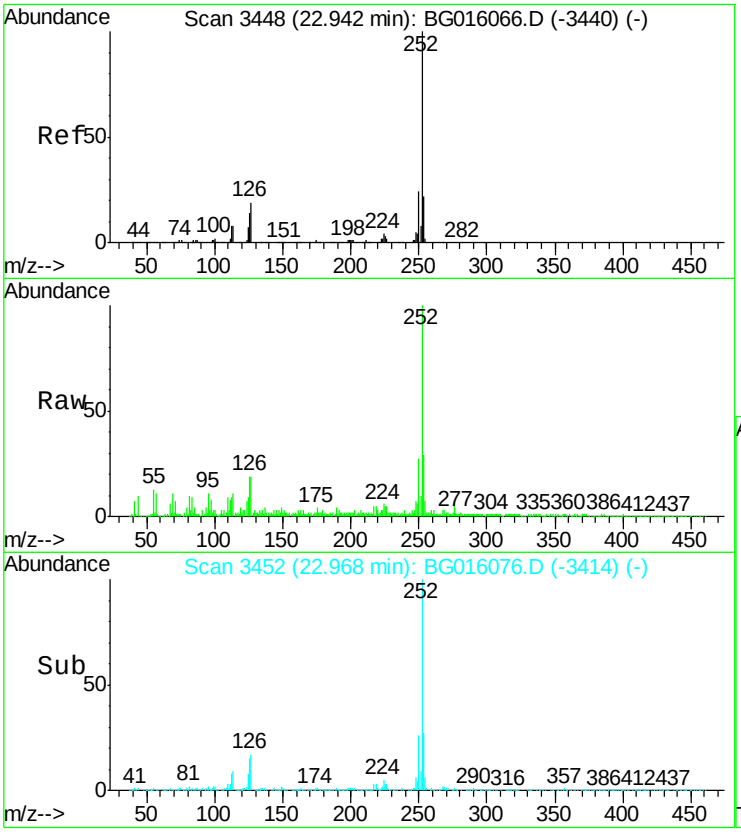


#82
Chrysene
Concen: 42.25 ng/ul
RT: 21.33 min Scan# 3174
Delta R.T. -0.04 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:228 Resp: 1098739

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	36.8
229	24.6	16.6	25.0



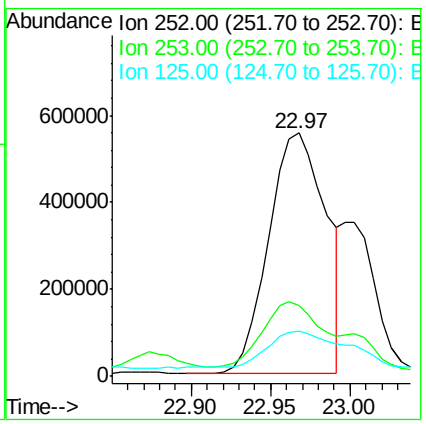


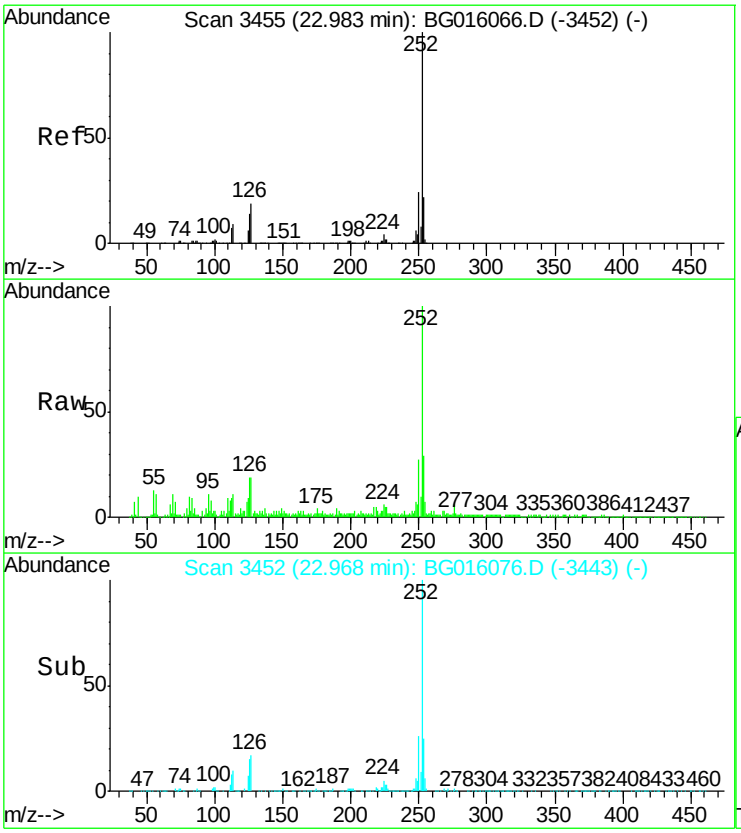
#85
Benzo(b)fluoranthene
Concen: 47.50 ng/ul
RT: 22.97 min Scan# 3452
Delta R.T. 0.03 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1388037

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.9	26.9#
125	18.6	11.0	16.6#

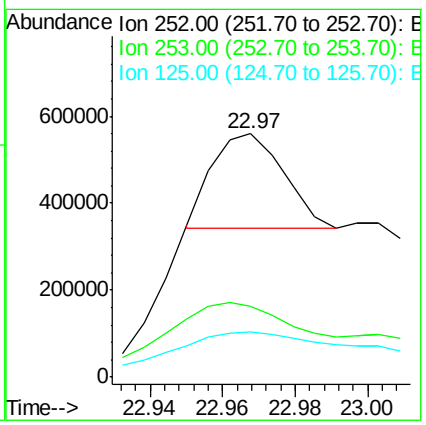


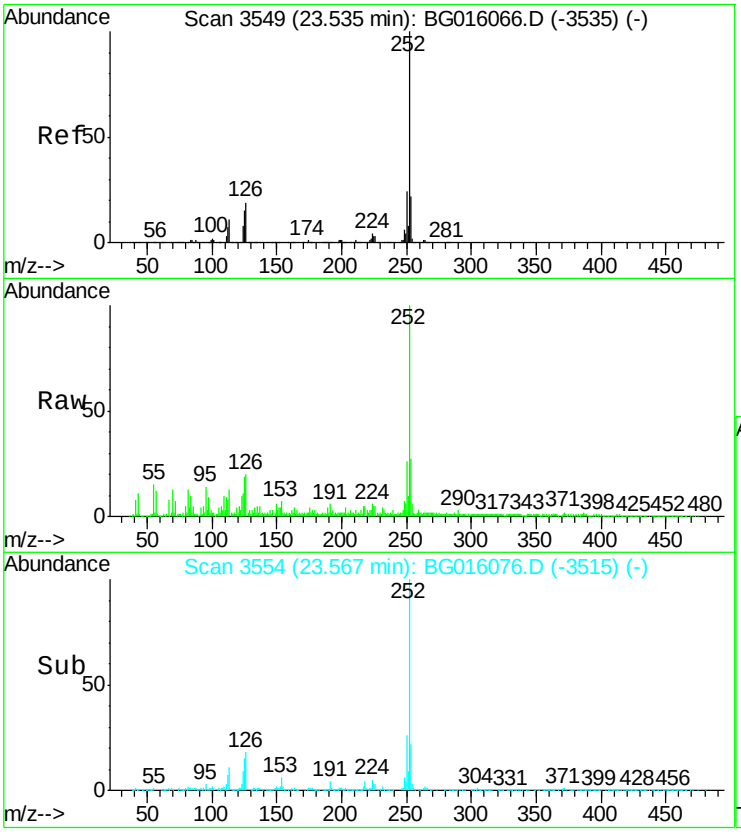


#86
Benzo(k)fluoranthene
Concen: 10.24 ng/ul
RT: 22.97 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:252 Resp: 295341

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.8	26.6#
125	18.6	10.7	16.1#



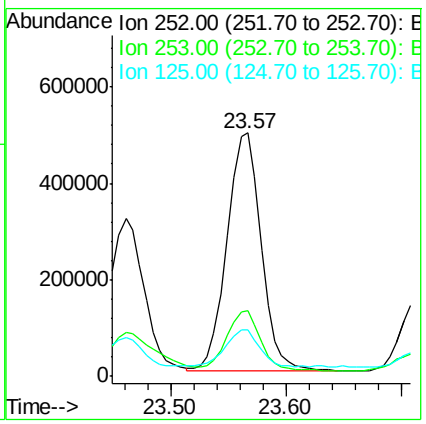


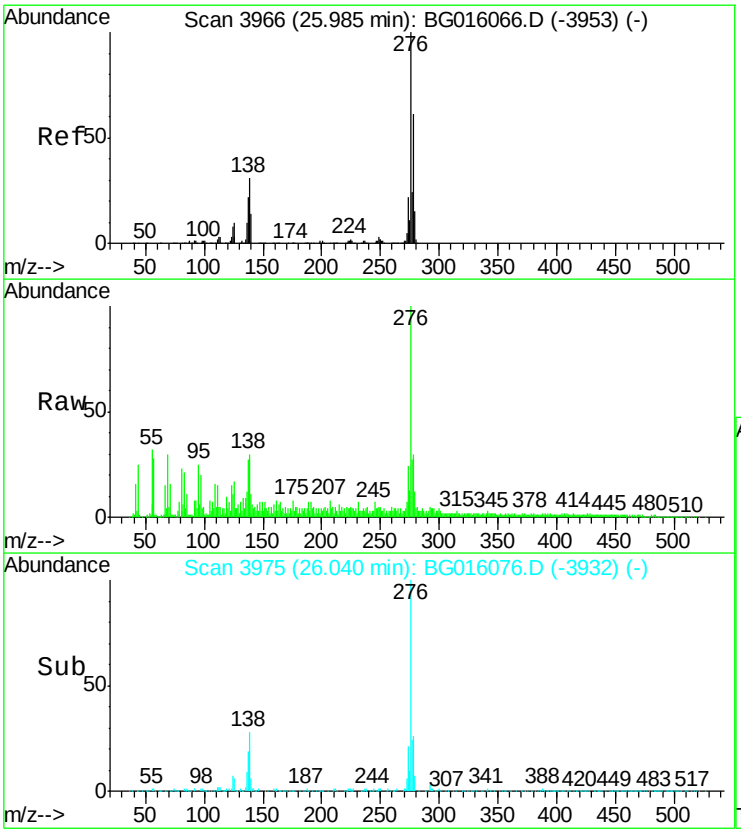
#88
Benzo(a)pyrene
Concen: 34.74 ng/ul
RT: 23.57 min Scan# 3554
Delta R.T. 0.03 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1011528

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.6	26.4#
125	19.1	11.5	17.3#

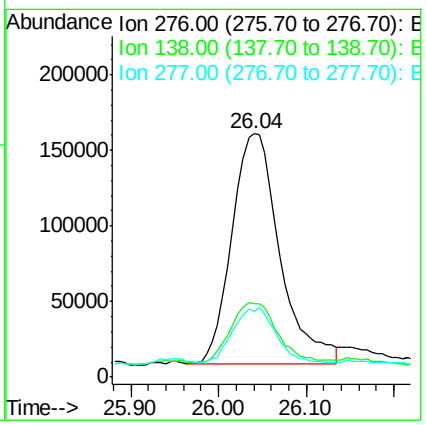


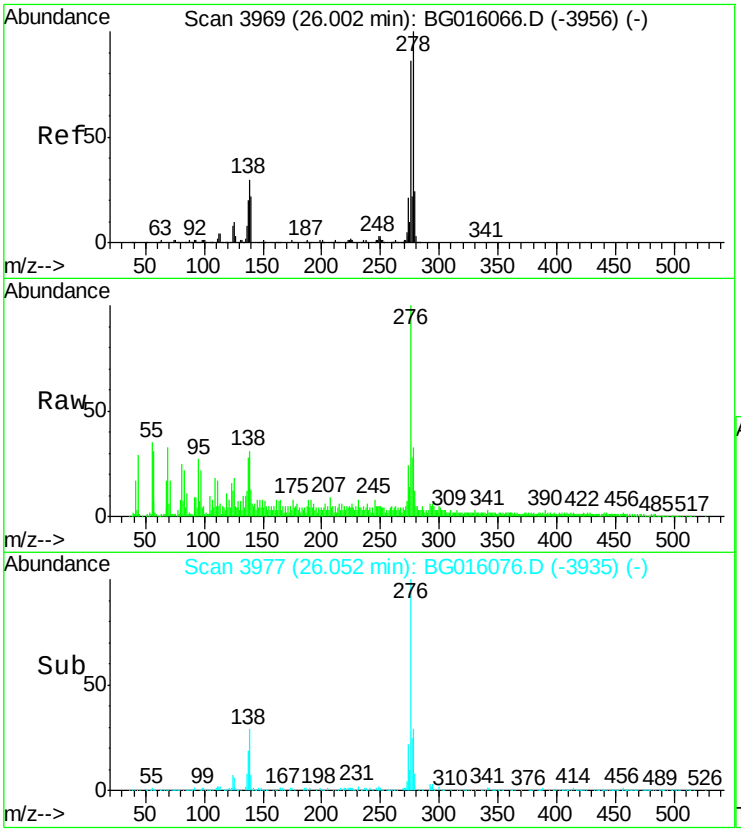


#89
Indeno(1,2,3-cd)pyrene
Concen: 16.86 ng/ul
RT: 26.04 min Scan# 3975
Delta R.T. 0.06 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:276 Resp: 567924

Ion	Ratio	Lower	Upper
276	100		
138	30.4	26.1	39.1
277	26.9	20.0	30.0



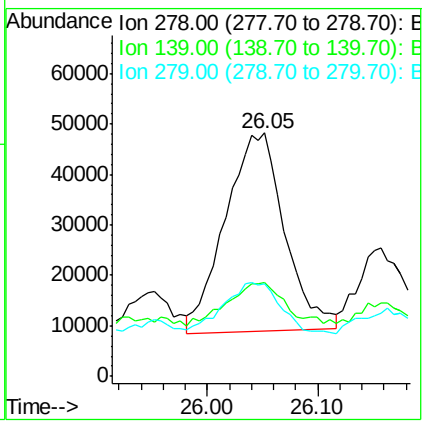


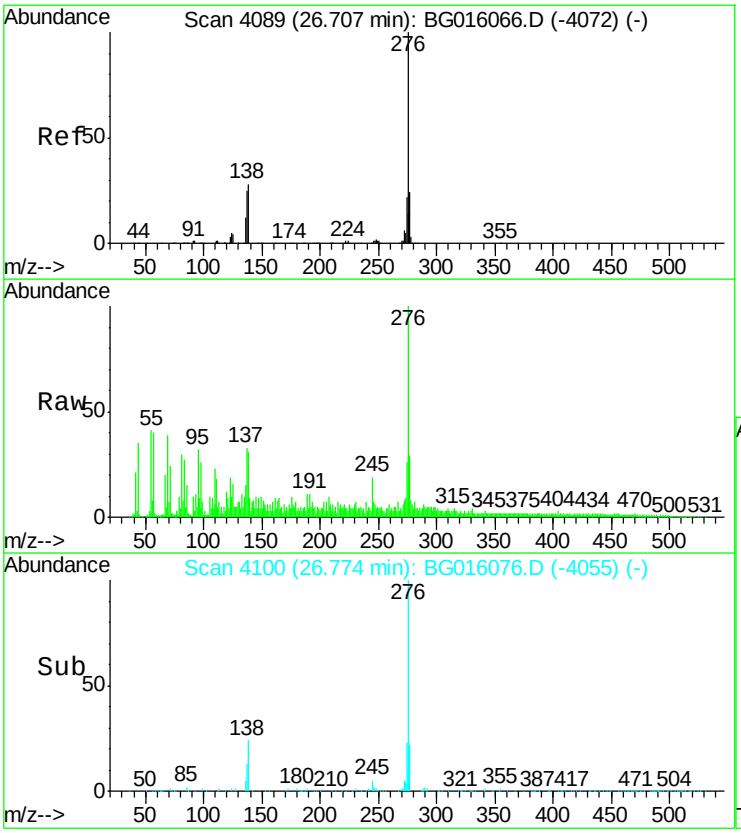
#90
Dibenzo(a,h)anthracene
Concen: 5.20 ng/ul
RT: 26.05 min Scan# 3977
Delta R.T. 0.05 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 146884

Ion	Ratio	Lower	Upper
278	100		
139	38.5	17.8	26.6#
279	38.3	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 16.73 ng/ul
RT: 26.77 min Scan# 4100
Delta R.T. 0.07 min
Lab File: BG016076.D
Acq: 19 Mar 2015 21:52

Tgt Ion:276 Resp: 473629

Ion	Ratio	Lower	Upper
276	100		
138	30.6	22.0	33.0
277	28.7	19.0	28.4#