Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
Data File : BG016189.D
Acq On : 27 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 28 06:09:40 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	65989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	287331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	167436	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	322097	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	325491	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	341658	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	173804	29.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	92760	28.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	138647	30.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	134451	30.16	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	73218	32.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	78892	36.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	126122	31.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	131528	23.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	356418	32.65	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	479360	31.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	72152	27.67	ng/ul	0.00
57) Fluorene-d10	15.40	176	328298	30.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	32527	19.32	ng/ul	0.00
70) Anthracene-d10	17.25	188	449372	30.54	ng/ul	0.00
76) Pyrene-d10	19.54	212	440952	30.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	432544	29.03	ng/ul	0.04
Target Compounds						Qvalue
14) Acetophenone	8.61	105	14781	2.10	ng/ul	91
28) Naphthalene	10.63	128	16739	1.08	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	12018	1.09	ng/ul	96
44) Dimethylphthalate	13.87	163	23541	1.90	ng/ul	99
49) Acenaphthene	14.48	153	19423	1.70	ng/ul	99
53) Dibenzofuran	14.82	168	21594	1.40	ng/ul	96
58) Fluorene	15.46	166	25645	1.91	ng/ul	96
69) Phenanthrene	17.19	178	236682	12.93	ng/ul	99
71) Anthracene	17.29	178	80840	4.35	ng/ul	99
72) Carbazole	17.56	167	27428	1.53	ng/ul#	97
74) Fluoranthene	19.22	202	794160	38.36	ng/ul	99
77) Pyrene	19.58	202	877921	43.83	ng/ul	100
80) Benzo(a)anthracene	21.32	228	538950	29.23	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.25	149	47845	4.31	ng/ul	98
82) Chrysene	21.32	228	545739	31.11	ng/ul	95
85) Benzo(b)fluoranthene	22.95	252	1031595	52.60	ng/ul#	87
88) Benzo(a)pyrene	23.55	252	789621	40.41	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.99	276	604732	26.75	ng/ul	94
90) Dibenzo(a,h)anthracene	25.99	278	144793	7.64	ng/ul#	73
91) Benzo(g,h,i)perylene	26.71	276	512191	26.96	ng/ul	97

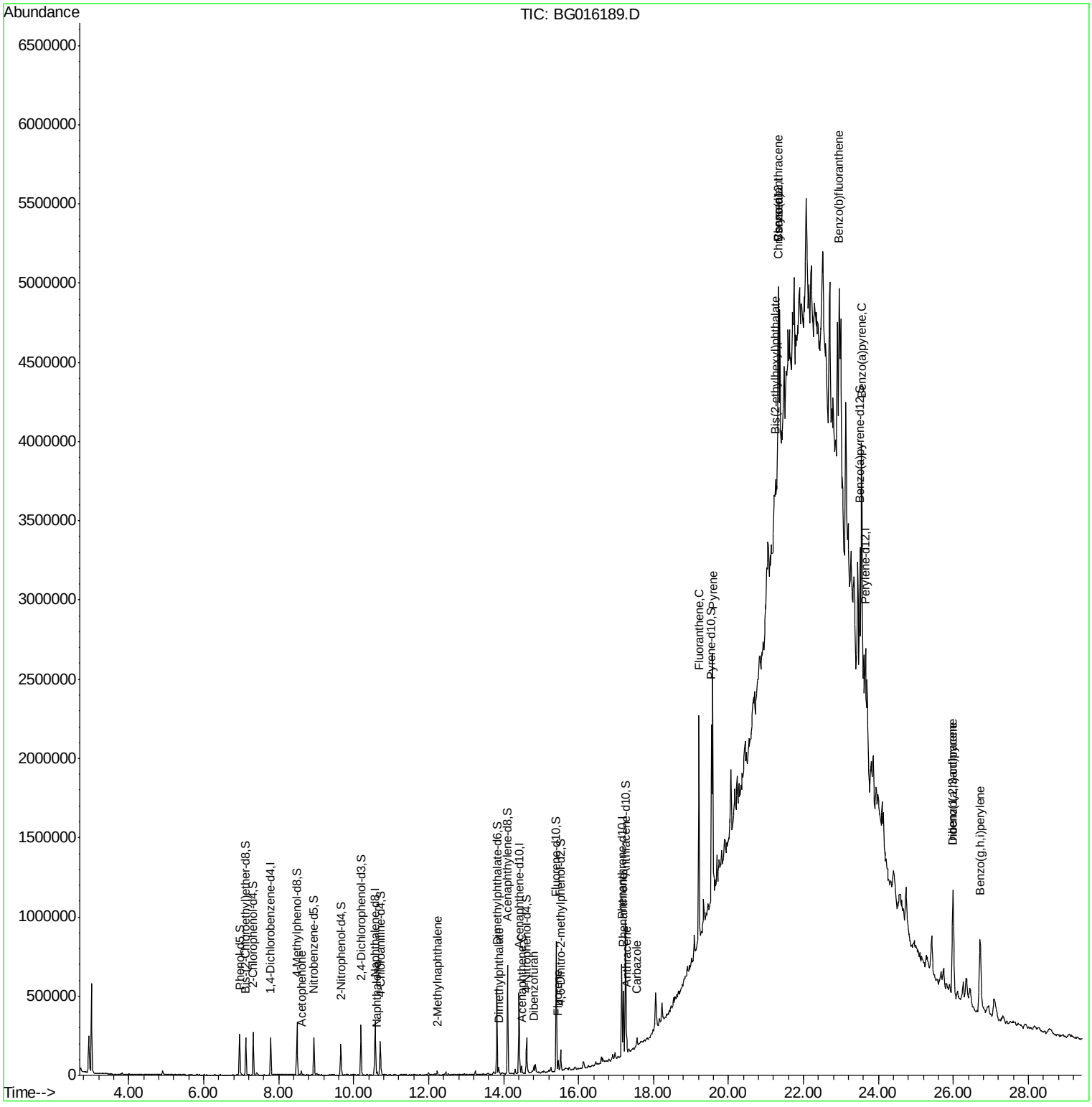
(#) = qualifier out of range (m) = manual integration (+) = signals summed

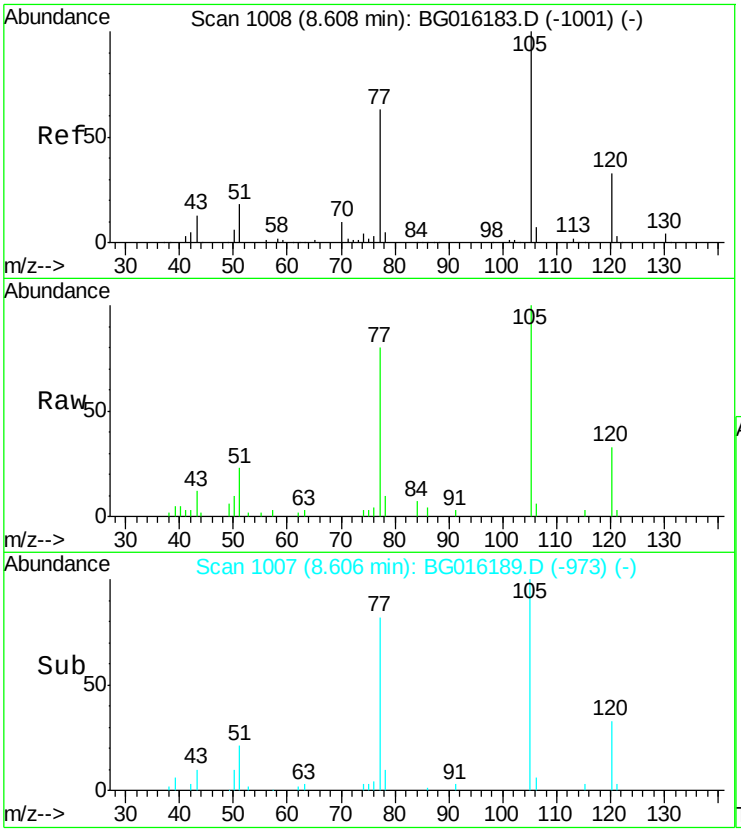
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032715\
Data File : BG016189.D
Acq On : 27 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 28 06:09:40 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



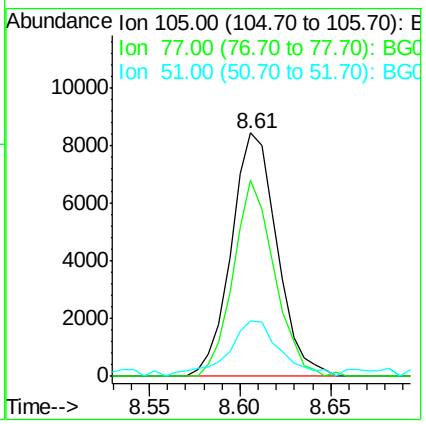


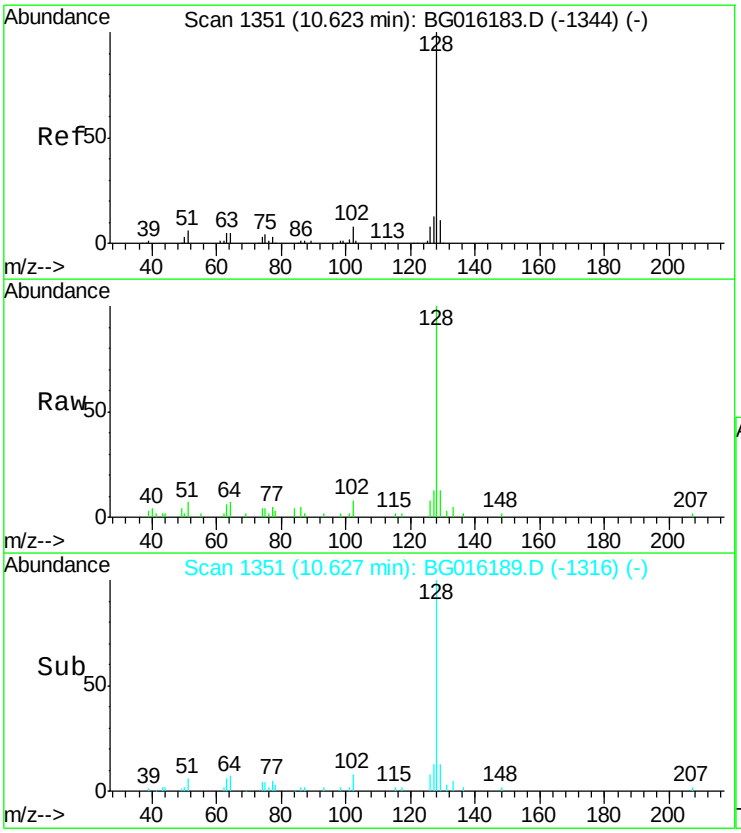
#14
Acetophenone
Concen: 2.10 ng/ul
RT: 8.61 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 14781

Ion	Ratio	Lower	Upper
105	100		
77	80.5	57.8	86.8
51	22.7	16.5	24.7

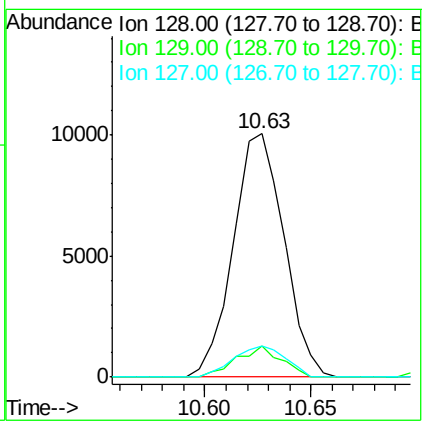


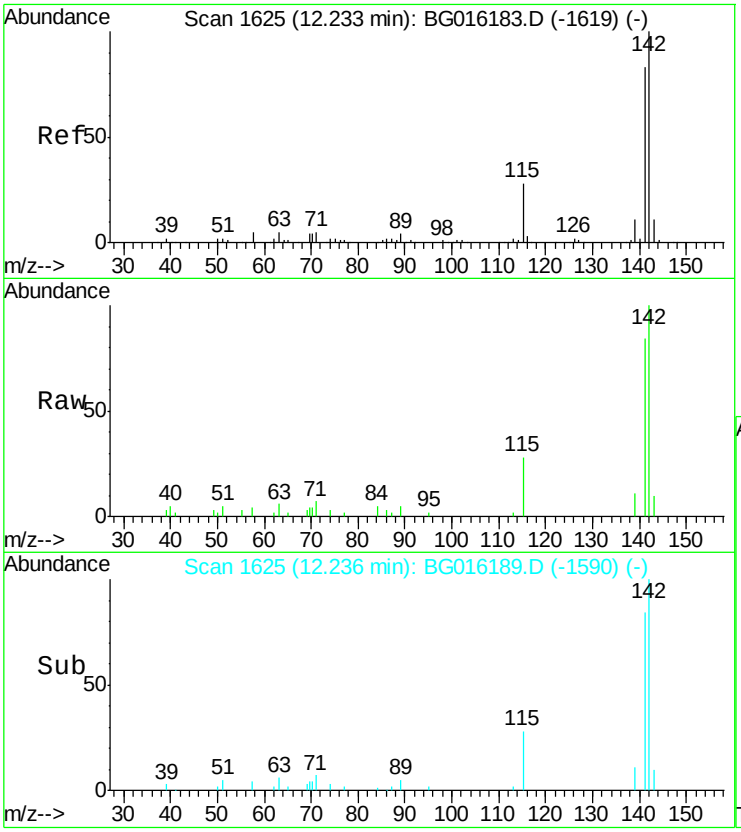


#28
Naphthalene
Concen: 1.08 ng/ul
RT: 10.63 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:128 Resp: 16739

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.4
127	13.0	10.4	15.6



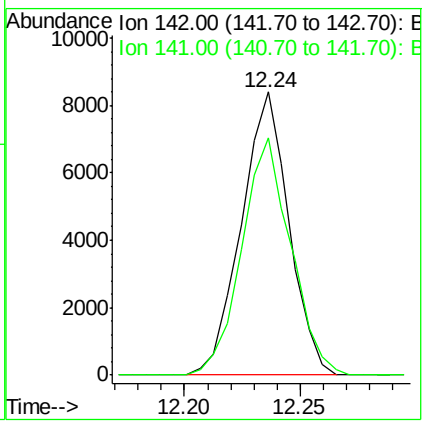


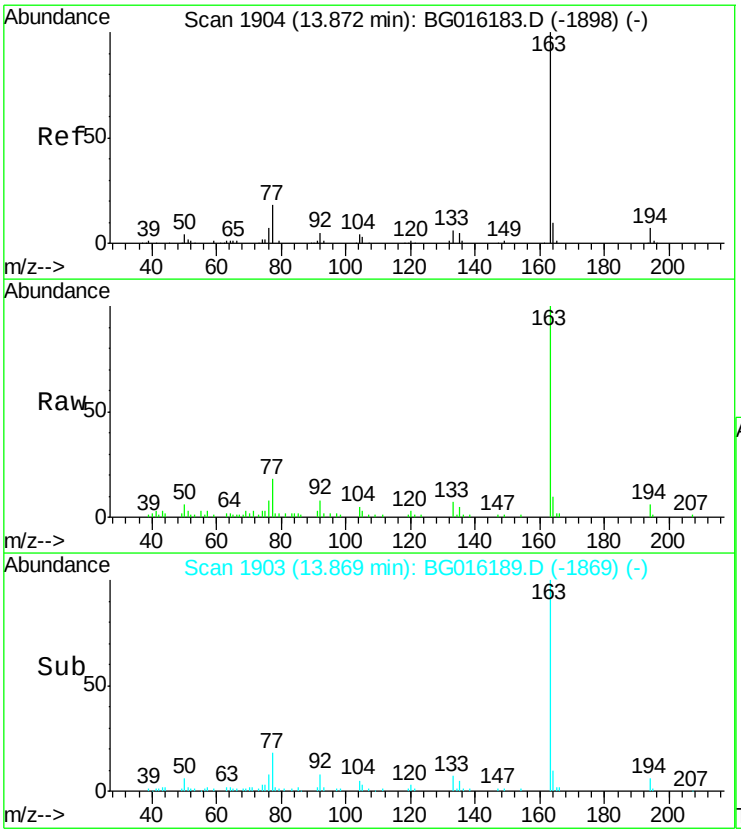
#34
2-Methylnaphthalene
Concen: 1.09 ng/ul
RT: 12.24 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 12018

Ion	Ratio	Lower	Upper
142	100		
141	83.9	70.2	105.2

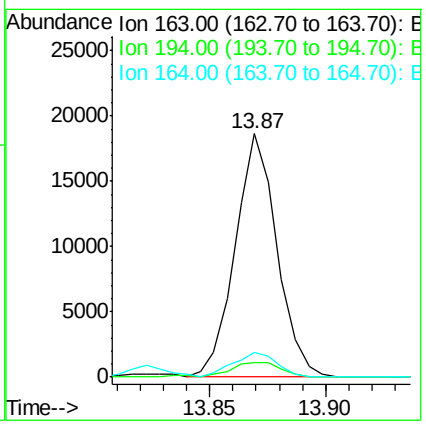


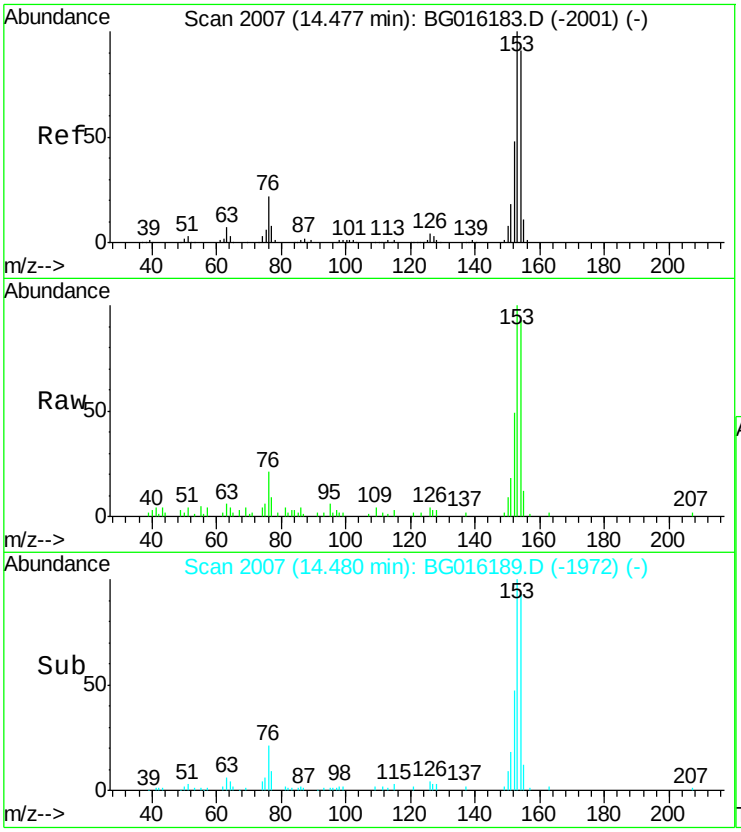


#44
Dimethylphthalate
Concen: 1.90 ng/ul
RT: 13.87 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:163 Resp: 23541

Ion	Ratio	Lower	Upper
163	100		
194	6.0	5.4	8.0
164	9.9	8.2	12.4



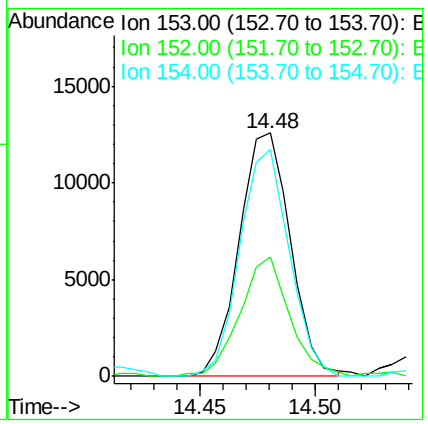


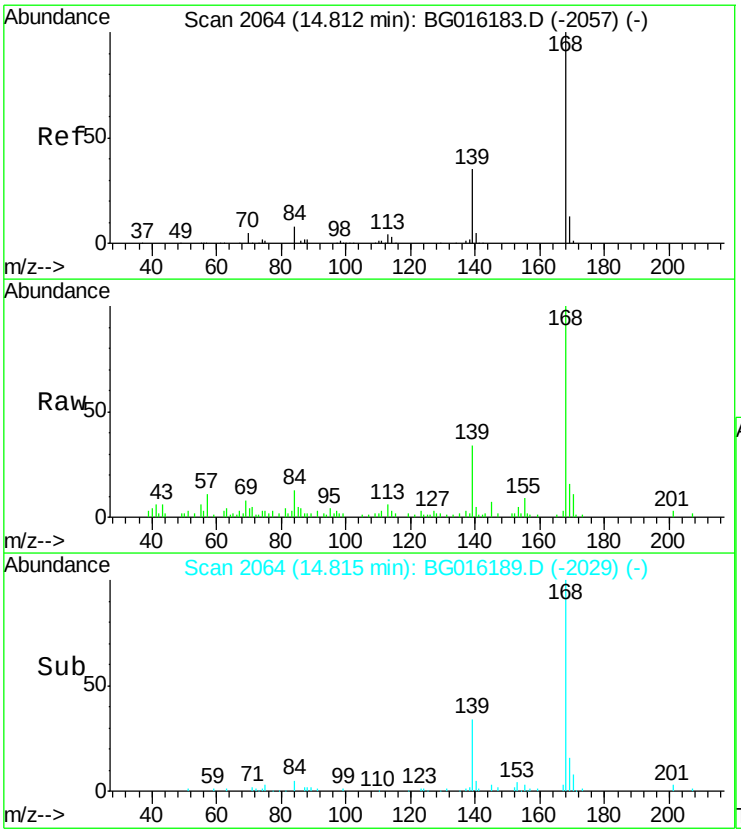
#49
Acenaphthene
Concen: 1.70 ng/ul
RT: 14.48 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 19423

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.4	56.2
154	93.4	74.4	111.6

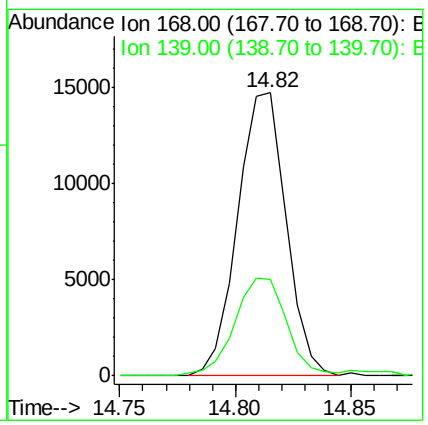


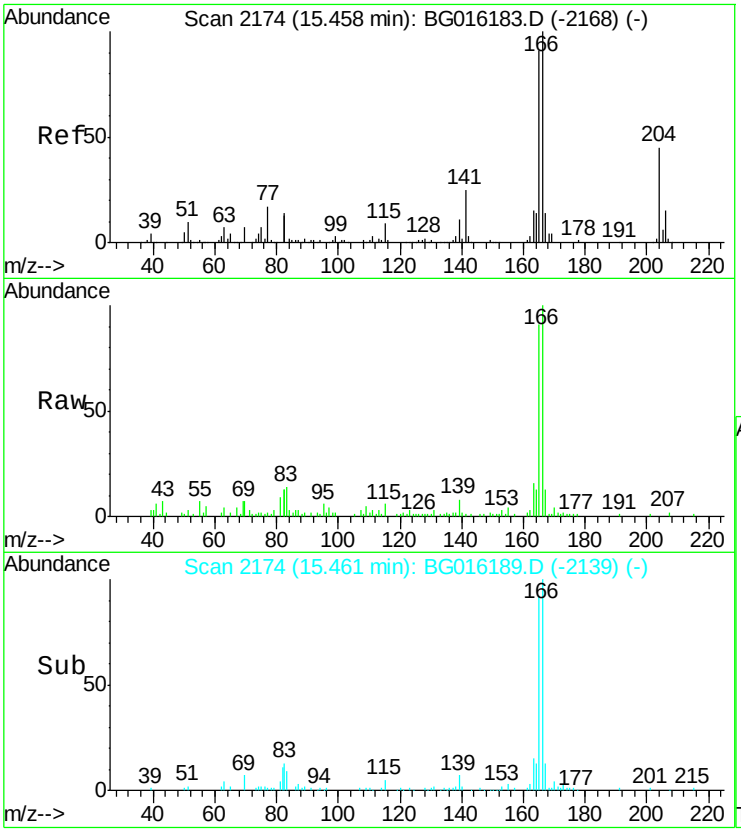


#53
Dibenzofuran
Concen: 1.40 ng/ul
RT: 14.82 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:168 Resp: 21594

Ion	Ratio	Lower	Upper
168	100		
139	34.0	29.1	43.7



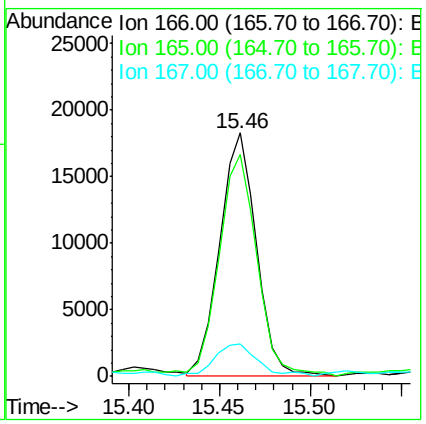


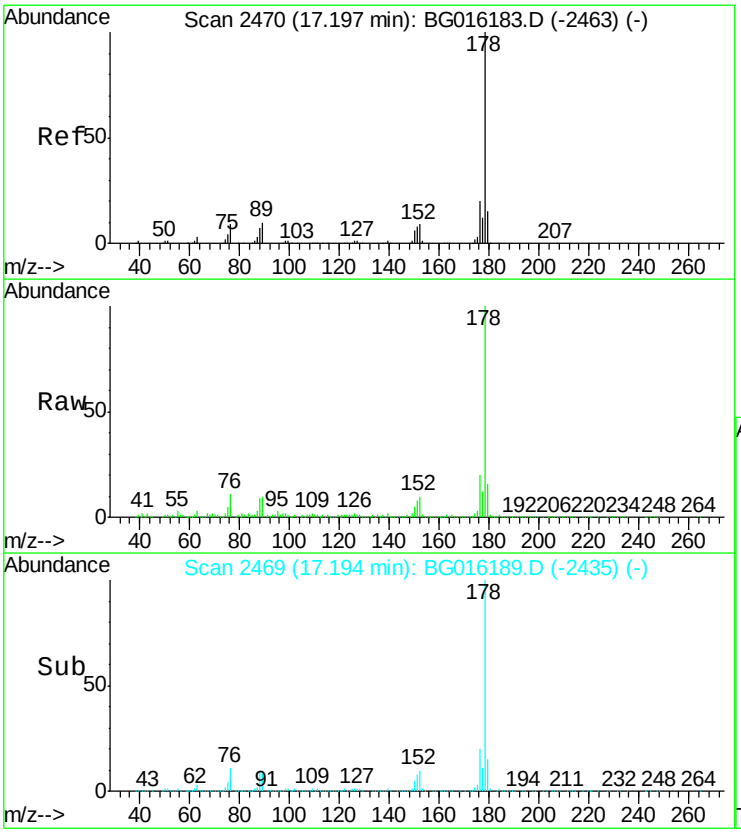
#58
Fluorene
Concen: 1.91 ng/ul
RT: 15.46 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 25645

Ion	Ratio	Lower	Upper
166	100		
165	90.9	76.1	114.1
167	13.3	10.5	15.7

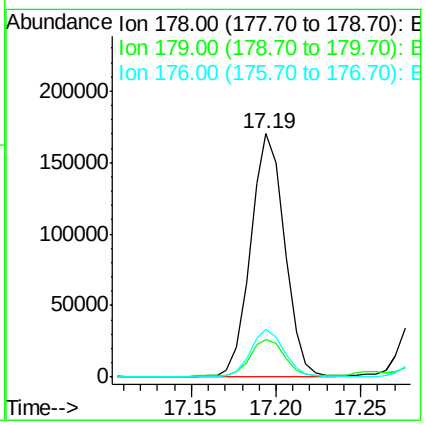


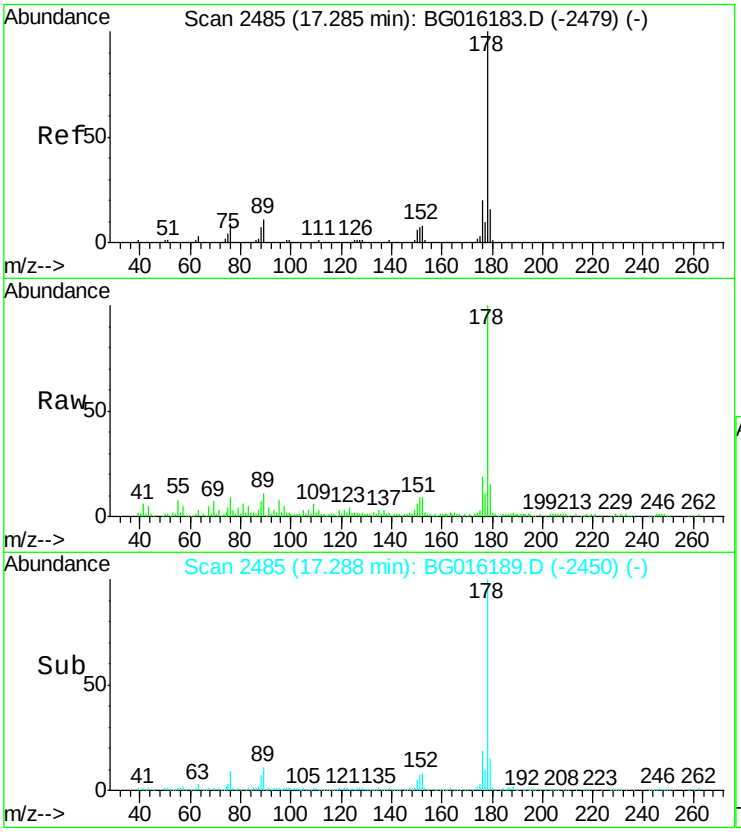


#69
Phenanthrene
Concen: 12.93 ng/ul
RT: 17.19 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:178 Resp: 236682

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.7	15.6	23.4



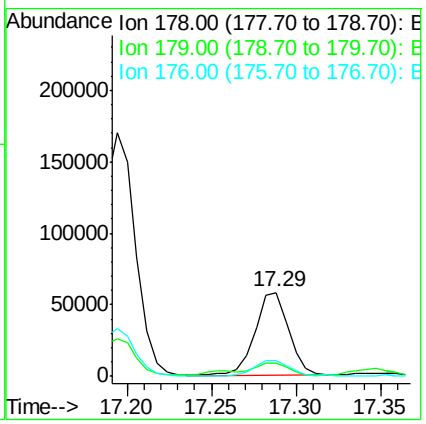


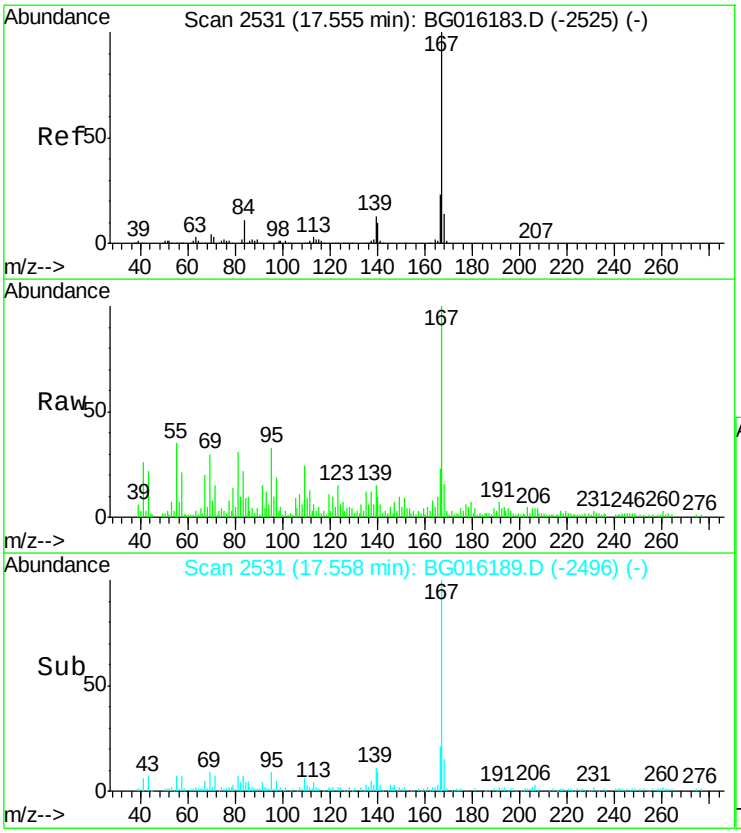
#71
Anthracene
Concen: 4.35 ng/ul
RT: 17.29 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 80840

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	19.2	15.3	22.9

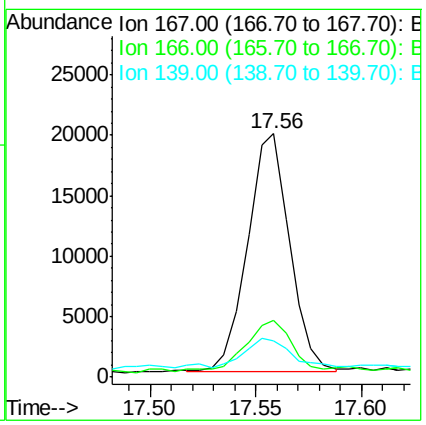


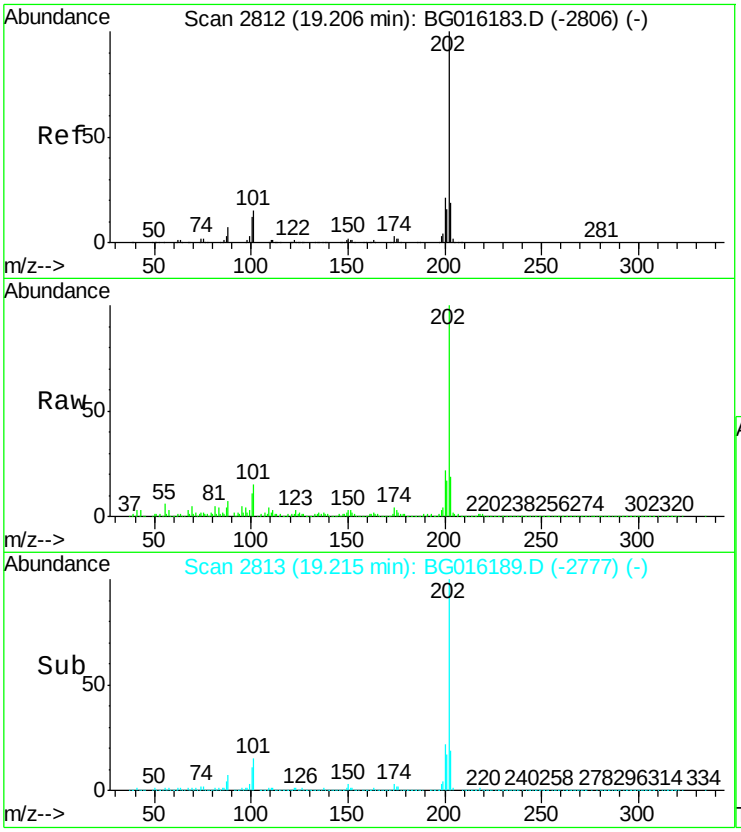


#72
Carbazole
Concen: 1.53 ng/ul
RT: 17.56 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:167 Resp: 27428

Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.2
139	15.0	10.0	15.0#



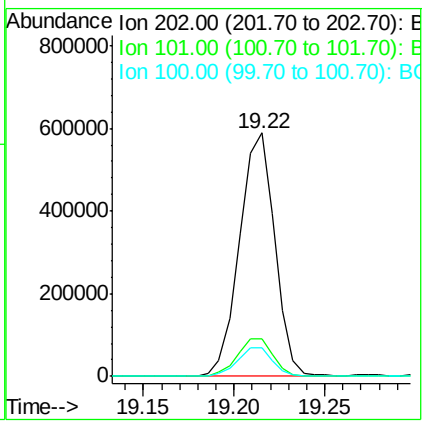


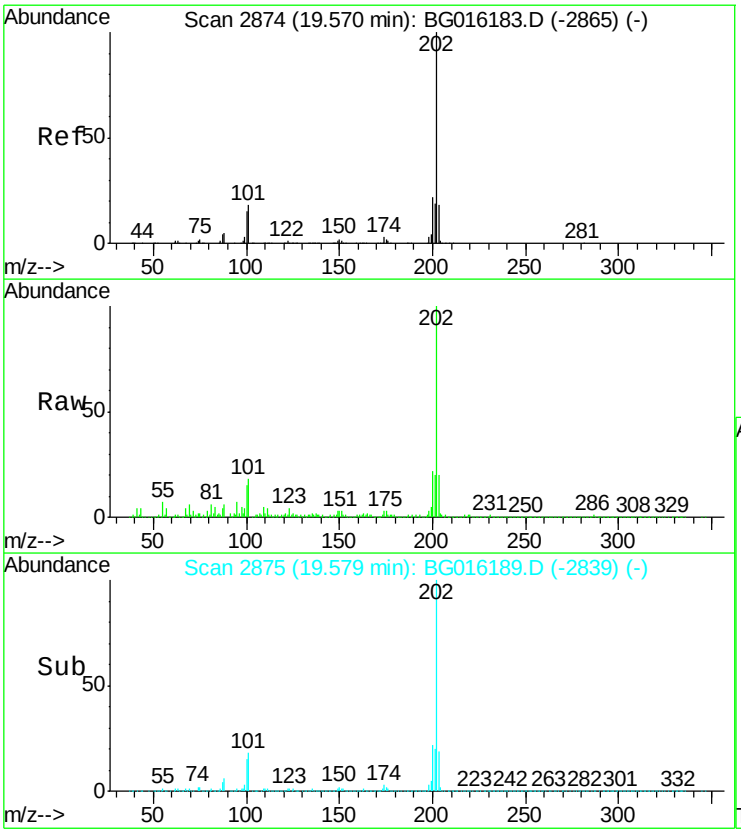
#74
Fluoranthene
Concen: 38.36 ng/ul
RT: 19.22 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 794160

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.9	19.3
100	11.5	9.4	14.2

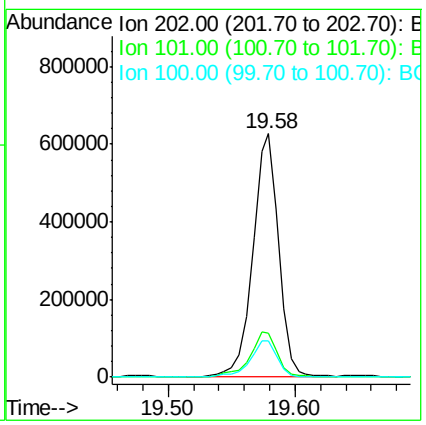


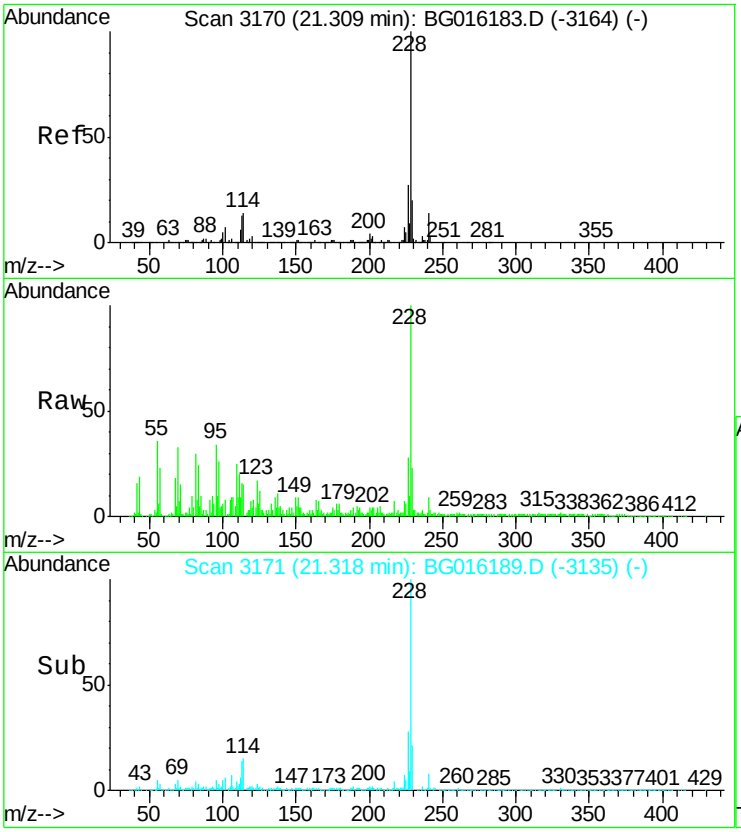


#77
Pyrene
Concen: 43.83 ng/ul
RT: 19.58 min Scan# 2875
Delta R.T. 0.01 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:202 Resp: 877921

Ion	Ratio	Lower	Upper
202	100		
101	18.1	14.6	21.8
100	14.9	12.1	18.1



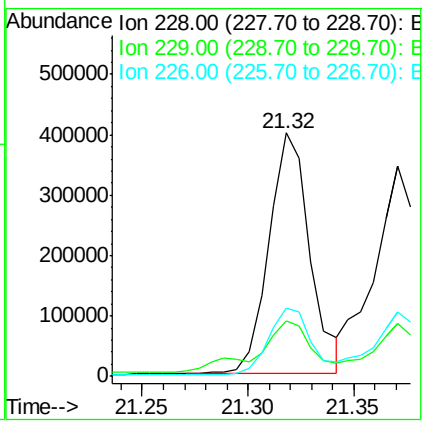


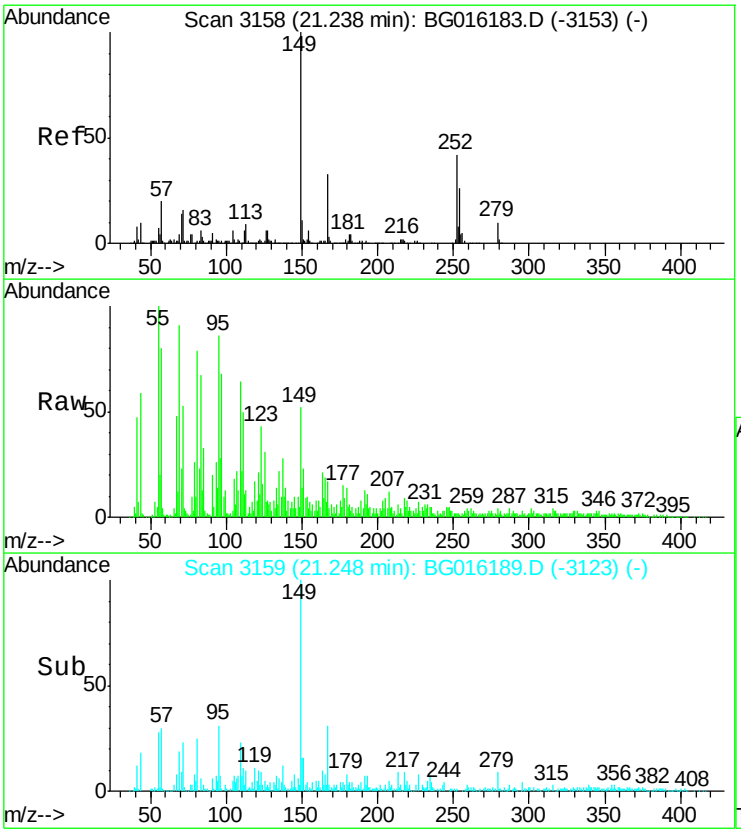
#80
Benzo(a)anthracene
Concen: 29.23 ng/ul
RT: 21.32 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 538950

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.2	24.4
226	27.9	22.4	33.6

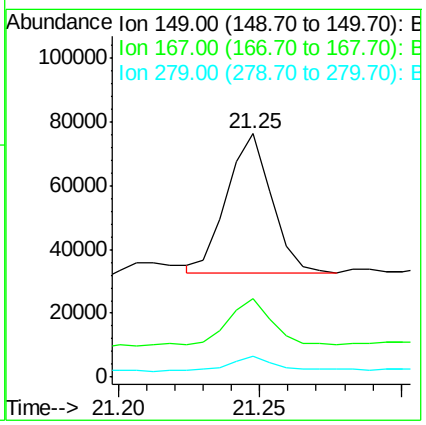


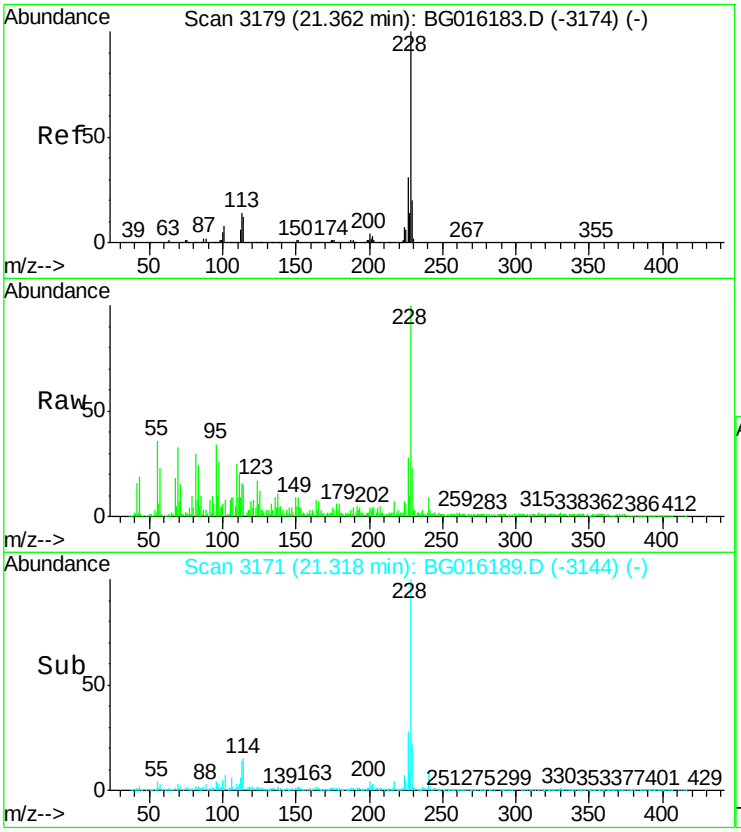


#81
Bis(2-ethylhexyl)phthalate
Concen: 4.31 ng/ul
RT: 21.25 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:149 Resp: 47845

Ion	Ratio	Lower	Upper
149	100		
167	32.2	26.6	39.8
279	8.5	6.5	9.7



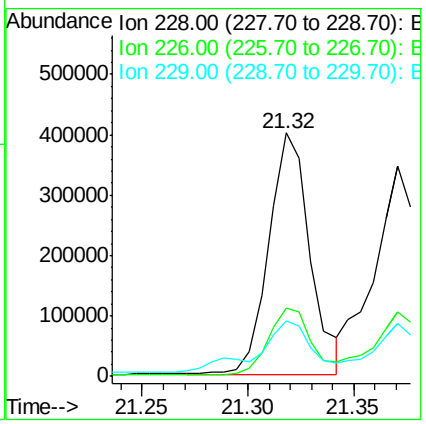


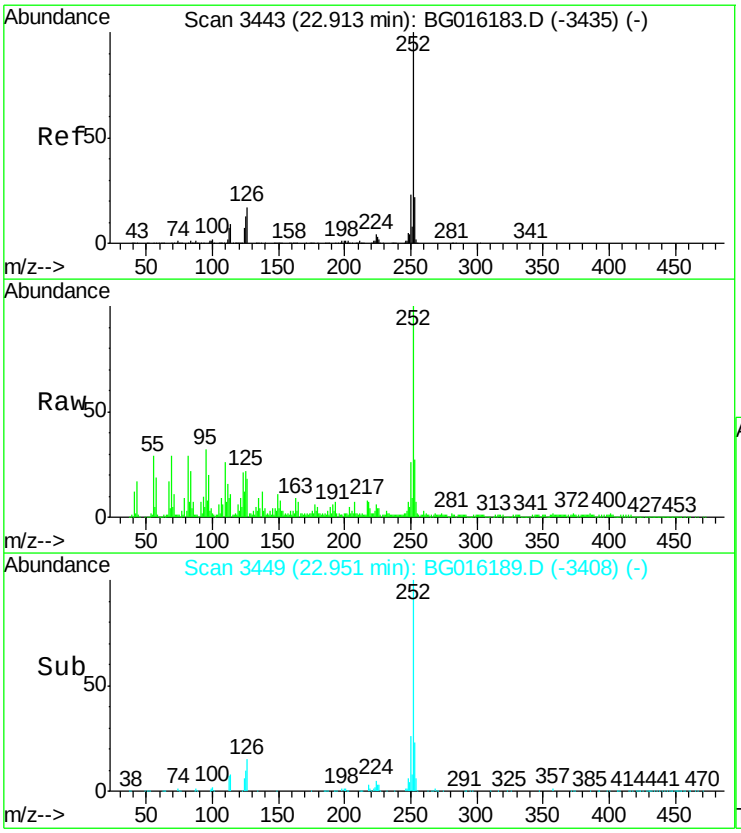
#82
Chrysene
Concen: 31.11 ng/ul
RT: 21.32 min Scan# 3171
Delta R.T. -0.04 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 545739

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.6	36.8
229	22.6	16.6	25.0

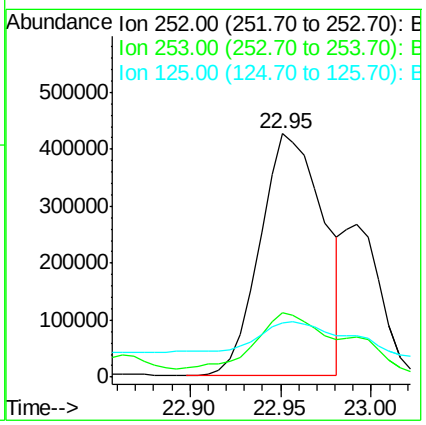


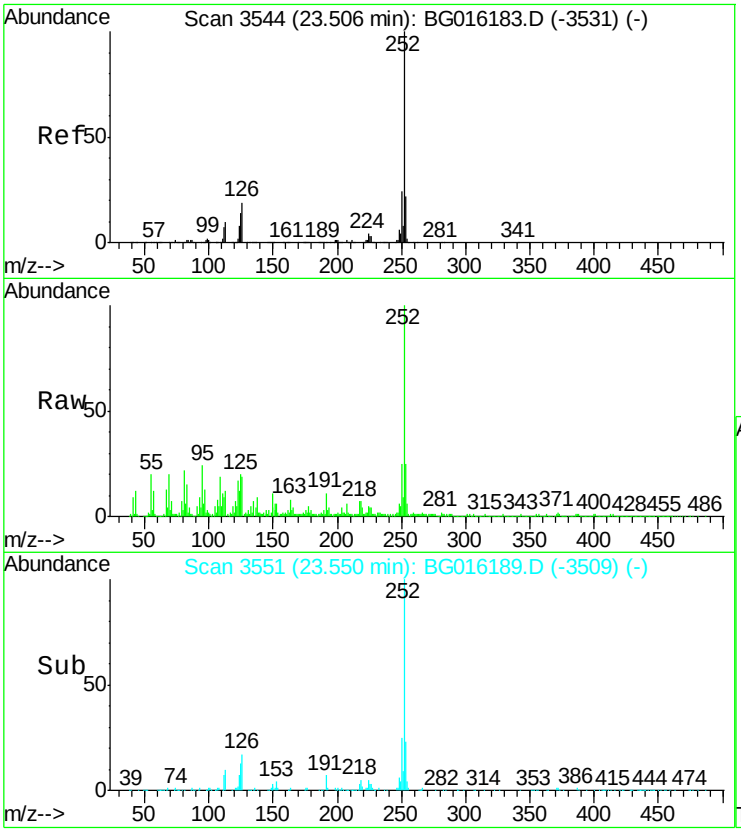


#85
Benzo(b)fluoranthene
Concen: 52.60 ng/ul
RT: 22.95 min Scan# 3449
Delta R.T. 0.04 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:252 Resp: 1031595

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	22.0	11.0	16.6#



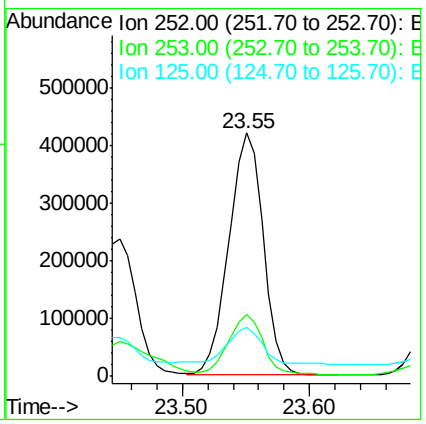


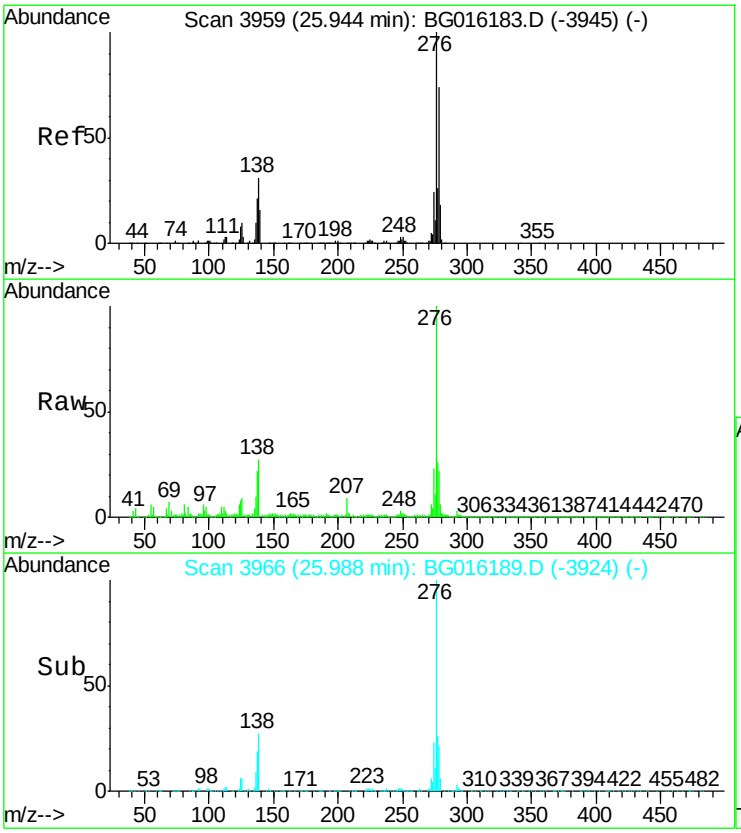
#88
Benzo(a)pyrene
Concen: 40.41 ng/ul
RT: 23.55 min Scan# 3551
Delta R.T. 0.04 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 789621

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.6	26.4
125	20.2	11.5	17.3#

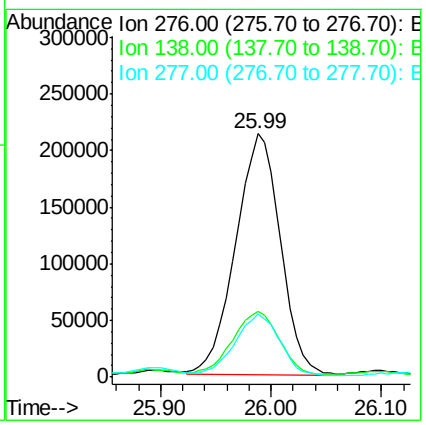


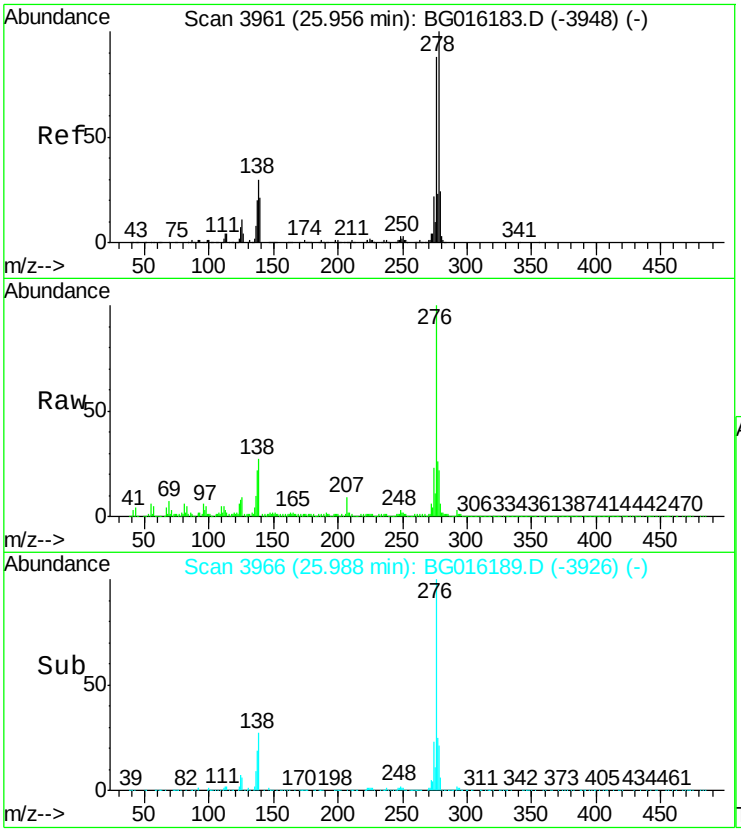


#89
Indeno(1,2,3-cd)pyrene
Concen: 26.75 ng/ul
RT: 25.99 min Scan# 3966
Delta R.T. 0.04 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:276 Resp: 604732

Ion	Ratio	Lower	Upper
276	100		
138	26.9	26.1	39.1
277	25.7	20.0	30.0



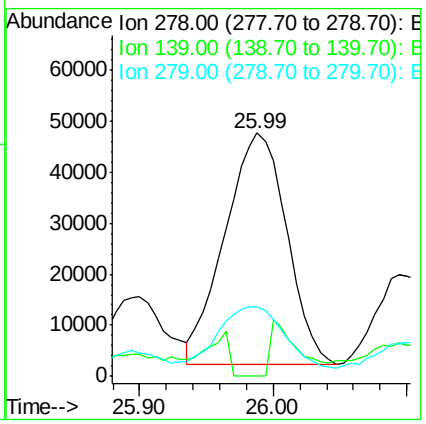


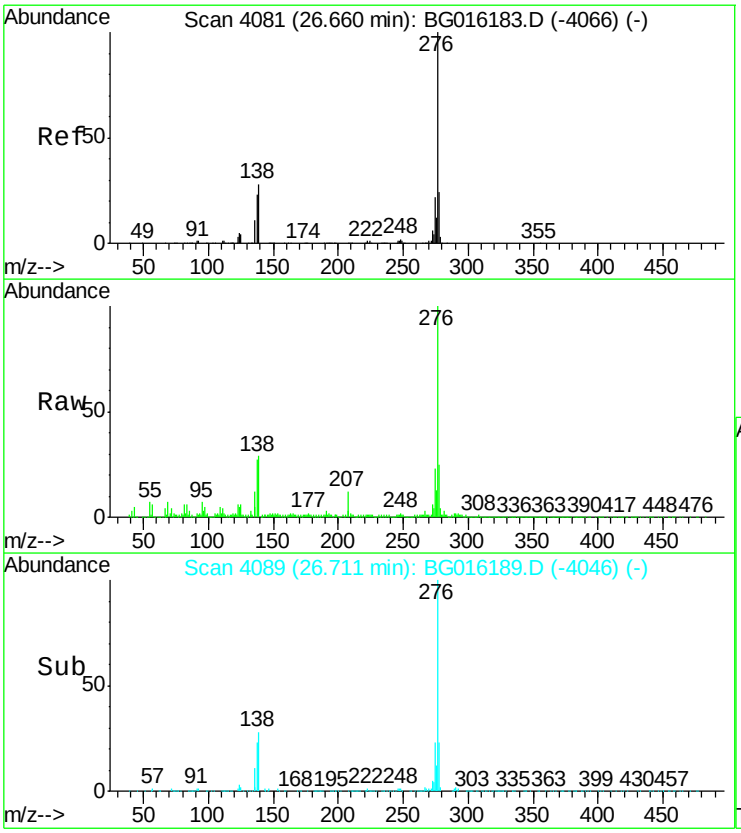
#90
Dibenzo(a,h)anthracene
Concen: 7.64 ng/ul
RT: 25.99 min Scan# 3966
Delta R.T. 0.03 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 144793

Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.8	26.6#
279	28.5	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 26.96 ng/ul
RT: 26.71 min Scan# 4089
Delta R.T. 0.05 min
Lab File: BG016189.D
Acq: 27 Mar 2015 23:31

Tgt Ion:276 Resp: 512191

Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.0	33.0
277	24.9	19.0	28.4