Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020753.D
Acq On : 15 Jan 2016 15:22
Operator : SJ/IZ
Sample : H1101-15 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC9F6

Quant Time: Jan 15 22:19:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	78566	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	54544	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	131447	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	154163	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	148819	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	7.21	99	1841	1.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1167	1.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	1935	1.54	ng/ul	0.01
13) 4-Methylphenol-d8	8.76	113	1531	1.13	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	359	0.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	863	1.20	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.49	165	1920	1.40	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	401	0.30	ng/ul	0.02
44) Dimethylphthalate-d6	14.08	166	8050	1.69	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	9332	1.75	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	7616	1.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	424	0.59	ng/ul	0.00
71) Anthracene-d10	17.53	188	12176	1.89	ng/ul	0.00
79) Pyrene-d10	19.81	212	14336	1.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	14480	1.83	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.91	128	7181	1.62	ng/ul	95
34) 2-Methylnaphthalene	12.52	142	3599	1.09	ng/ul	86
35) 1-Methylnaphthalene	12.73	142	3563	1.14	ng/ul#	94
50) Acenaphthene	14.74	153	7734	1.99	ng/ul	93
59) Fluorene	15.73	166	12045	2.52	ng/ul	94
70) Phenanthrene	17.47	178	236891	30.29	ng/ul	99
72) Anthracene	17.56	178	29985	3.80	ng/ul	99
75) Carbazole	17.83	167	15653	2.42	ng/ul#	93
77) Fluoranthene	19.48	202	354548	37.29	ng/ul	99
80) Pyrene	19.84	202	399351	40.85	ng/ul	98
83) Benzo(a)anthracene	21.68	228	195802	20.36	ng/ul	97
85) Chrysene	21.75	228	210932	23.20	ng/ul	97
88) Benzo(b)fluoranthene	23.93	252	206847	21.58	ng/ul	97
89) Benzo(k)fluoranthene	23.93	252	206847	21.85	ng/ul	97
91) Benzo(a)pyrene	24.80	252	169601	18.38	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.68	276	103176	9.48	ng/ul	99
93) Dibenzo(a,h)anthracene	28.70	278	30787	3.43	ng/ul#	89
94) Benzo(g,h,i)perylene	29.85	276	59817	6.66	ng/ul	98

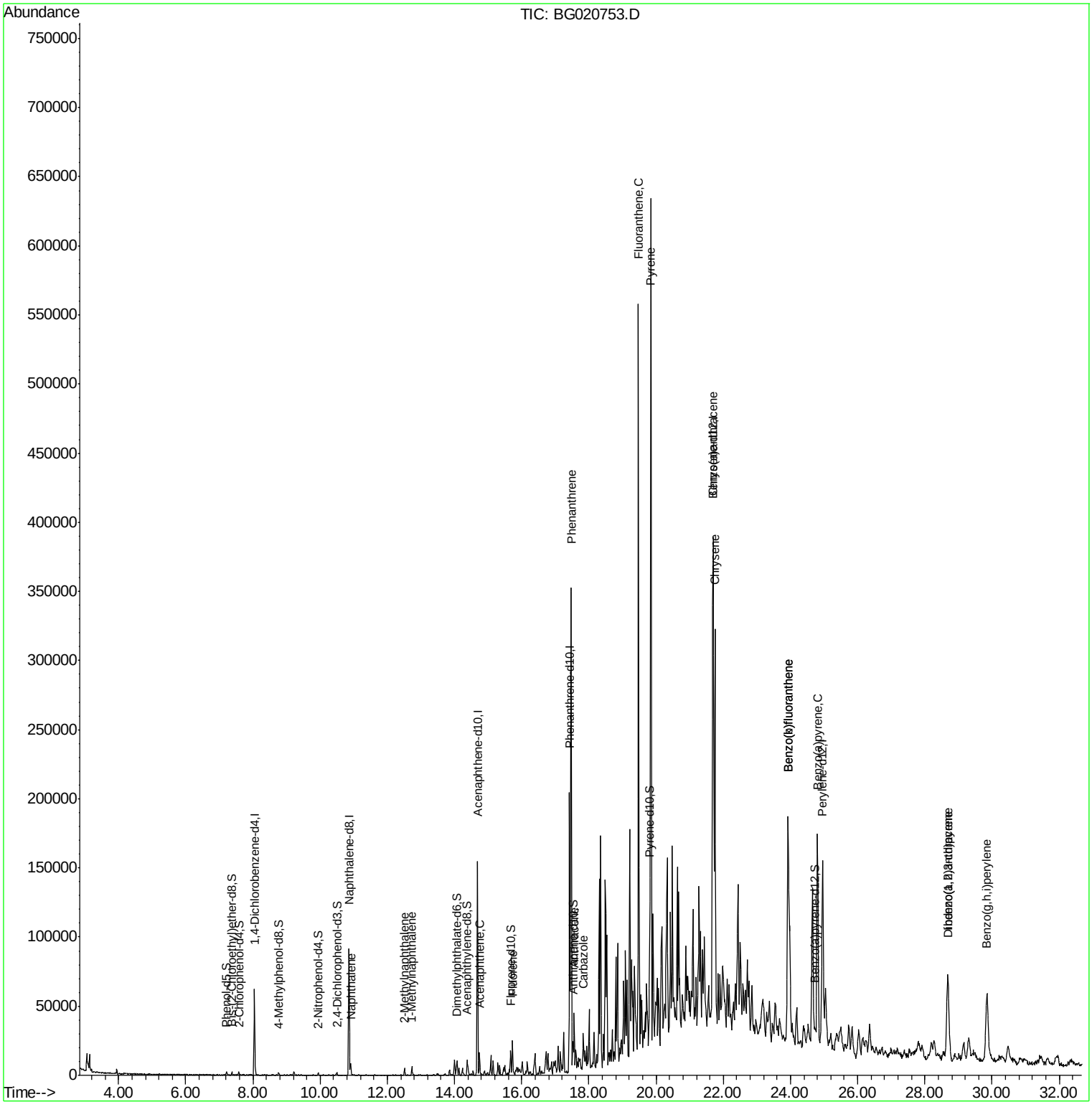
(#) = qualifier out of range (m) = manual integration (+) = signals summed

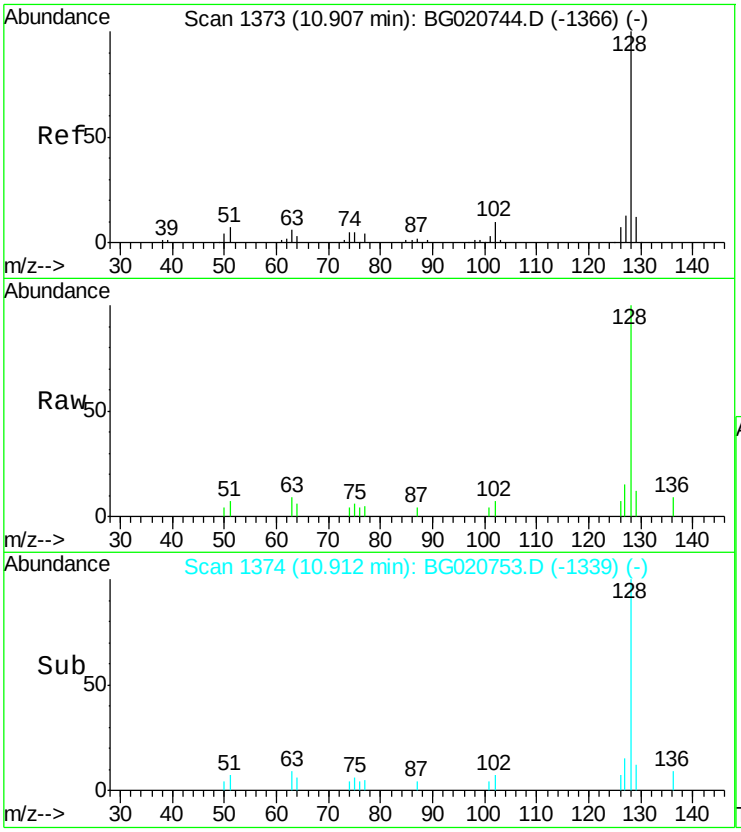
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020753.D
Acq On : 15 Jan 2016 15:22
Operator : SJ/IZ
Sample : H1101-15 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC9F6

Quant Time: Jan 15 22:19:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration



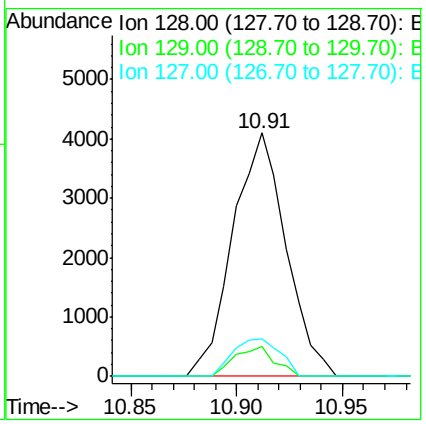


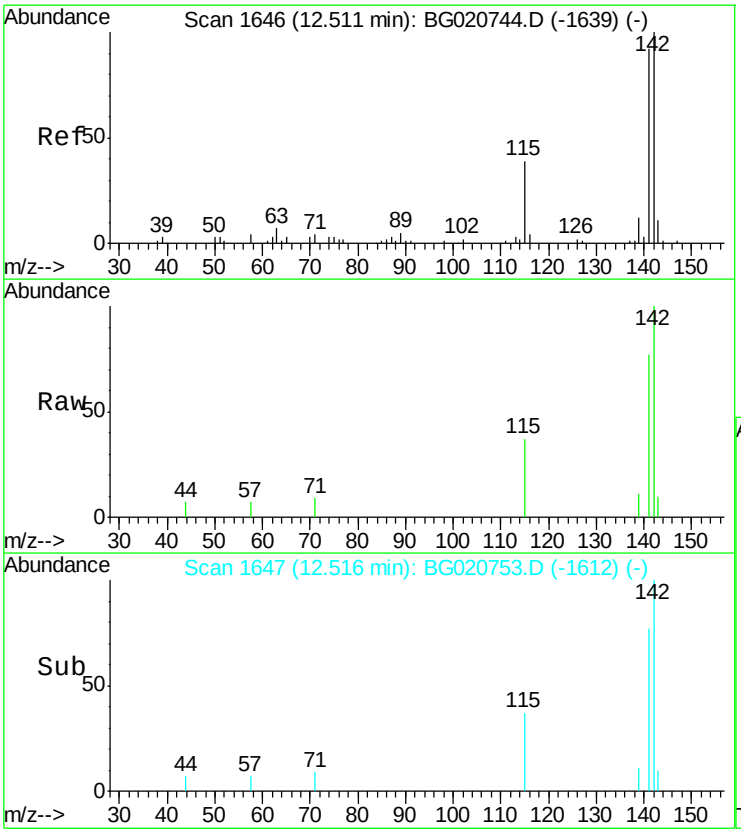
#28
Naphthalene
Concen: 1.62 ng/ul
RT: 10.91 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:128 Resp: 7181

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.3	12.5
127	15.5	10.8	16.2

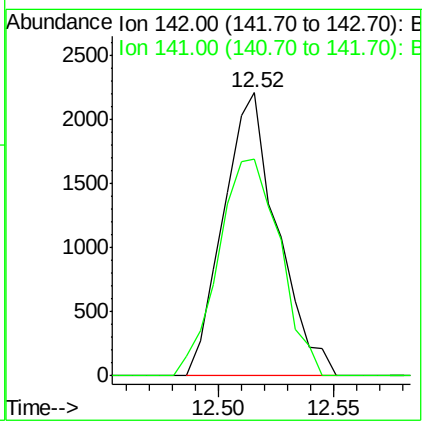


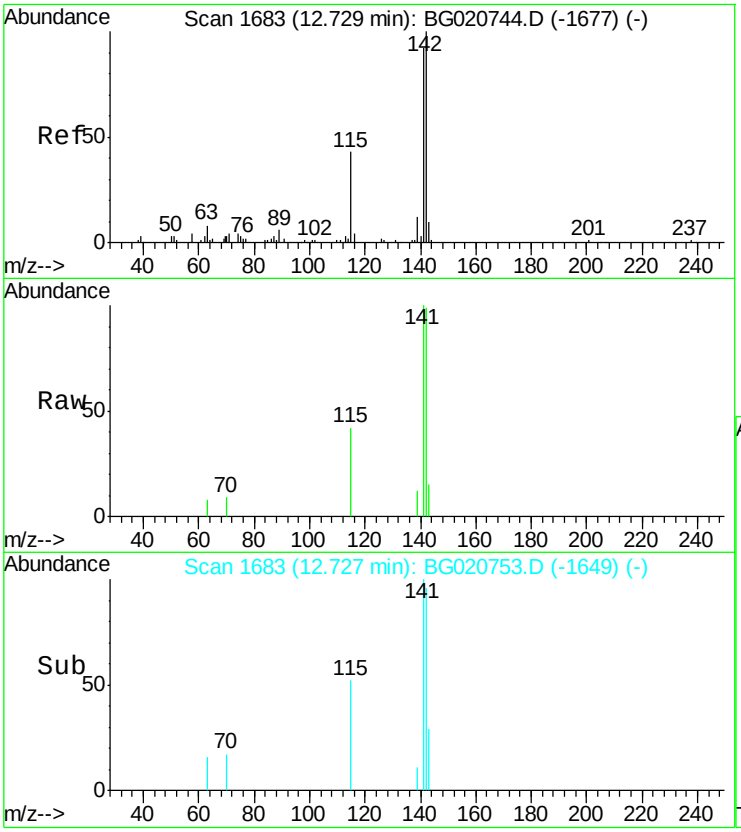


#34
2-Methylnaphthalene
Concen: 1.09 ng/ul
RT: 12.52 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:142 Resp: 3599

Ion	Ratio	Lower	Upper
142	100		
141	76.6	71.4	107.2



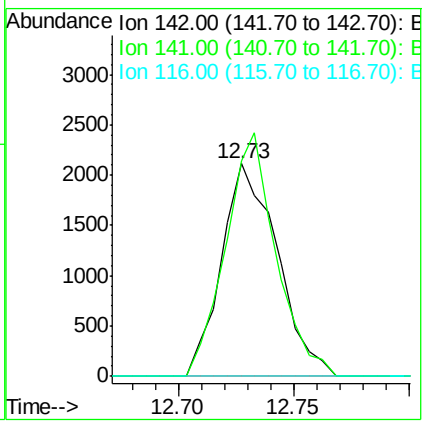


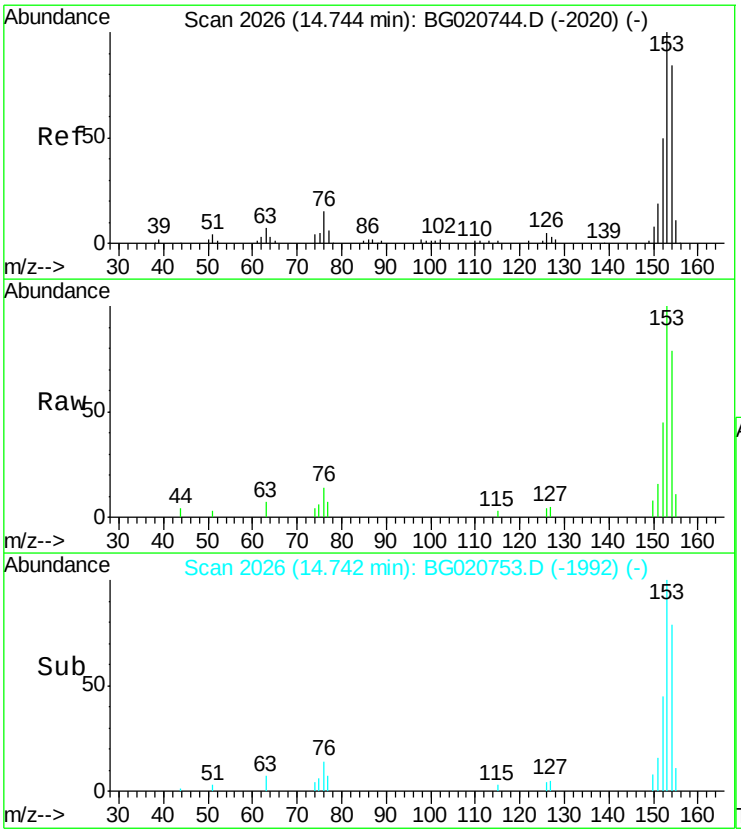
#35
1-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 12.73 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:142 Resp: 3563

Ion	Ratio	Lower	Upper
142	100		
141	101.3	76.6	115.0
116	0.0	3.6	5.4#

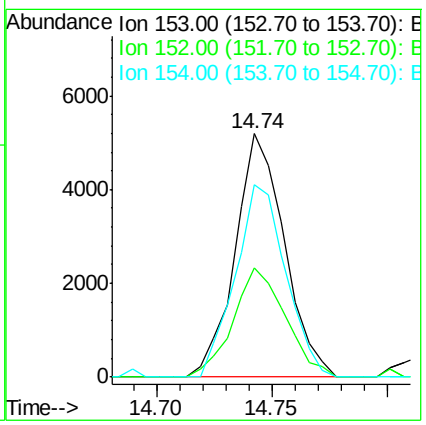


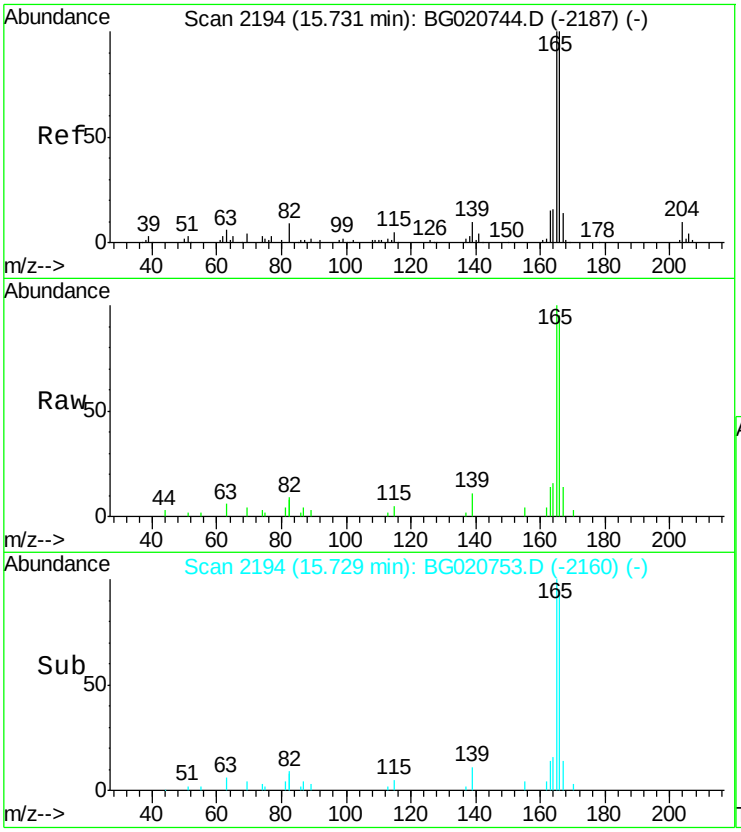


#50
Acenaphthene
Concen: 1.99 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:153 Resp: 7734

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.9	56.9
154	79.2	69.8	104.6



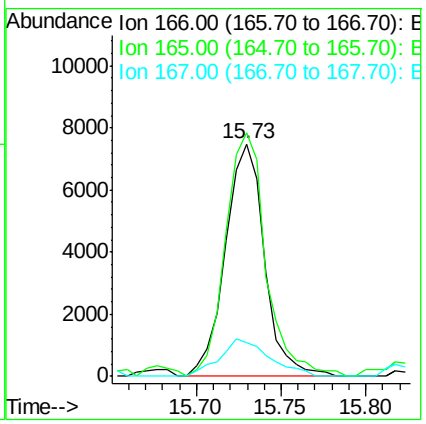


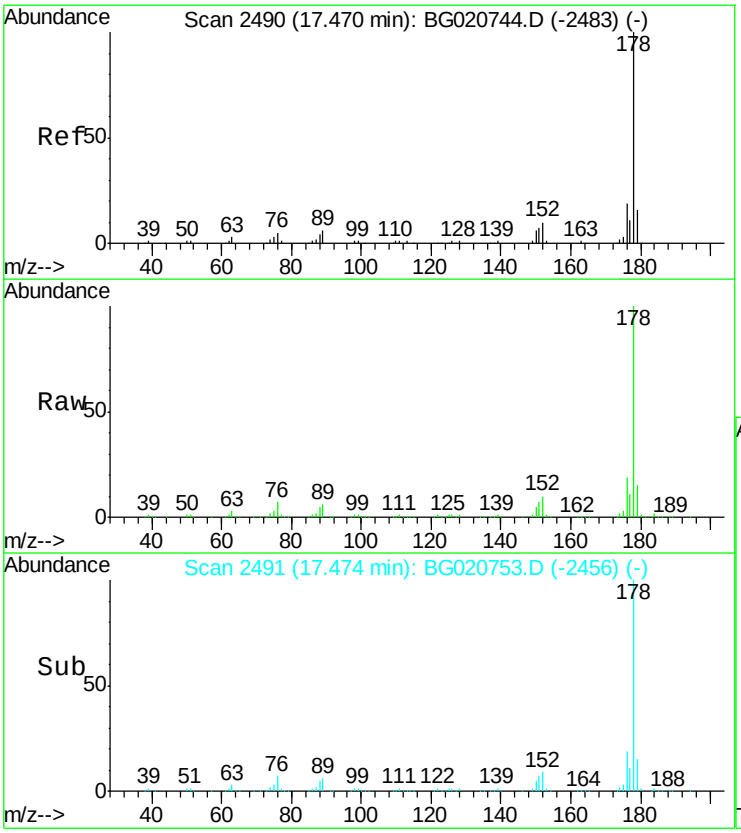
#59
Fluorene
Concen: 2.52 ng/ul
RT: 15.73 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:166 Resp: 12045

Ion	Ratio	Lower	Upper
166	100		
165	104.9	78.4	117.6
167	14.7	11.1	16.7

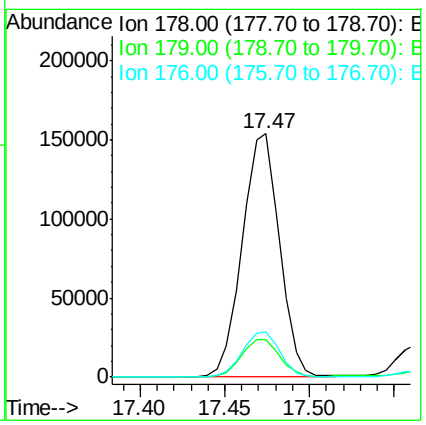


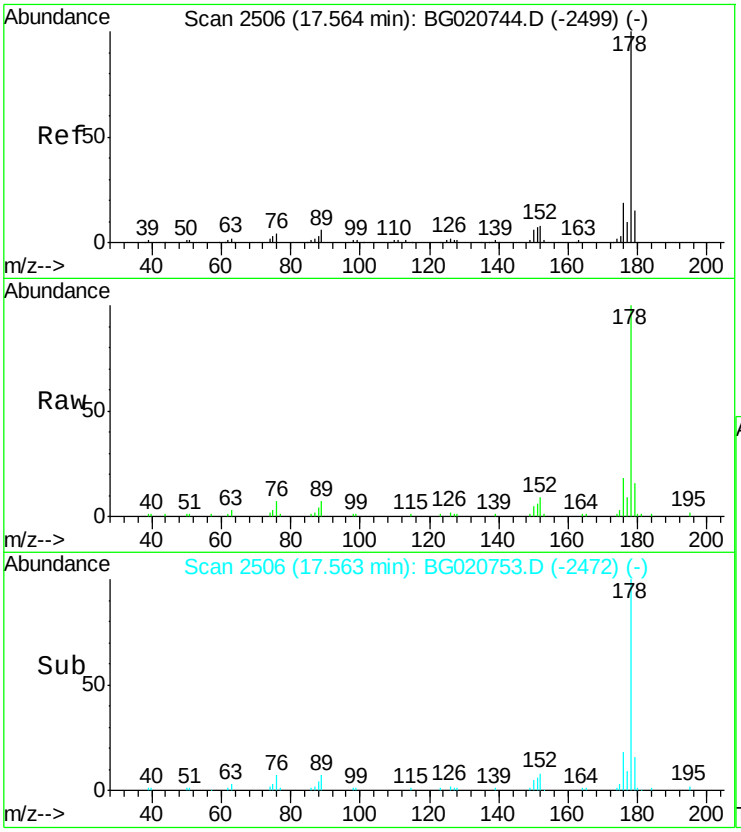


#70
Phenanthrene
Concen: 30.29 ng/ul
RT: 17.47 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:178 Resp: 236891

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.8	15.4	23.0



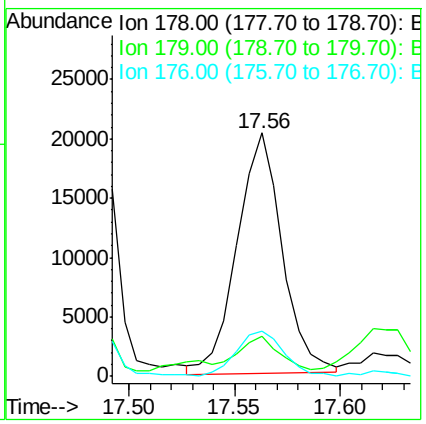


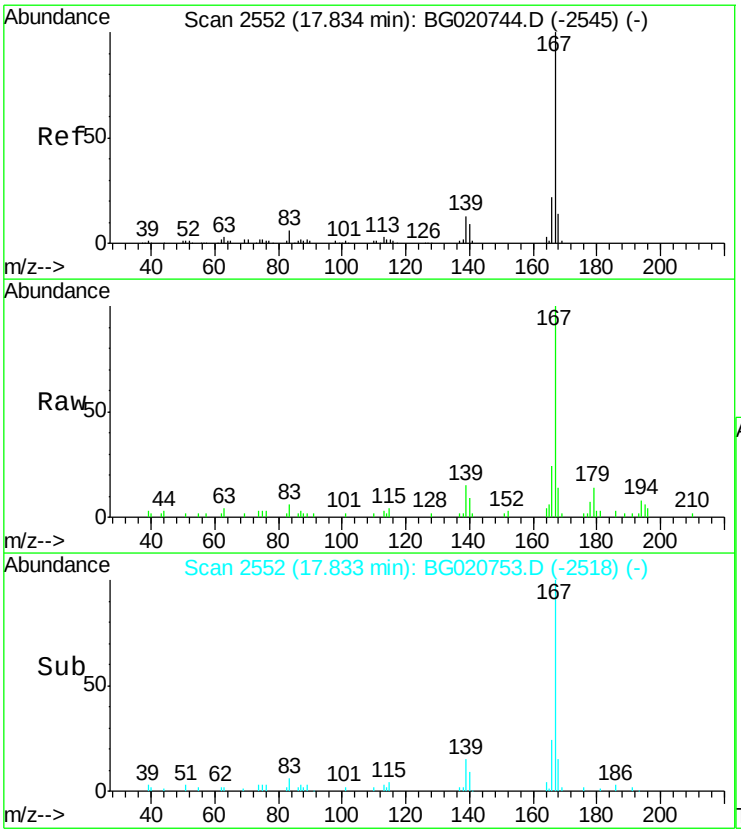
#72
Anthracene
Concen: 3.80 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:178 Resp: 29985

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.4	20.2
176	18.3	15.4	23.0

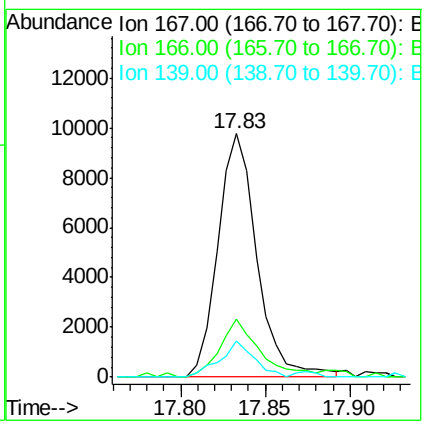


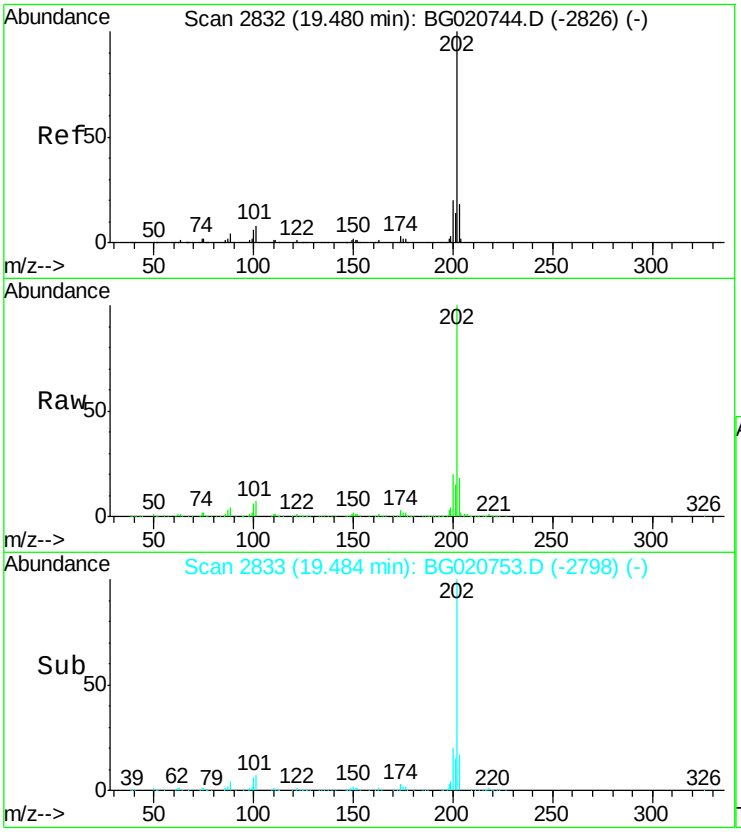


#75
Carbazole
Concen: 2.42 ng/ul
RT: 17.83 min Scan# 2552
Delta R.T. -0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:167 Resp: 15653

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.0	25.4
139	14.8	9.1	13.7#



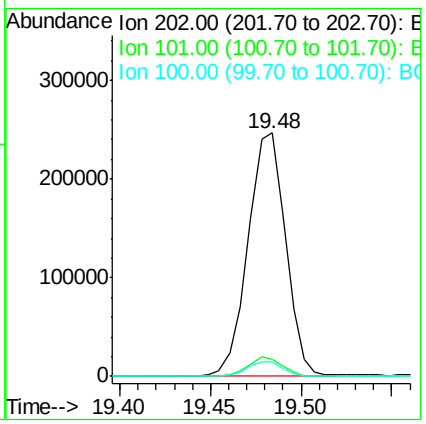


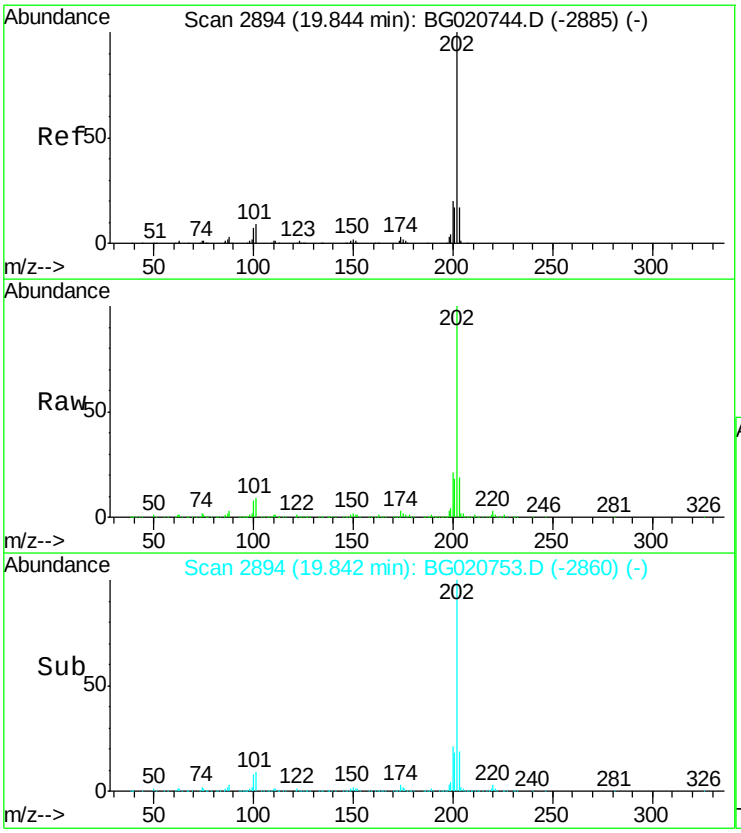
#77
Fluoranthene
Concen: 37.29 ng/ul
RT: 19.48 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:202 Resp: 354548

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.1	9.1
100	5.9	4.6	7.0

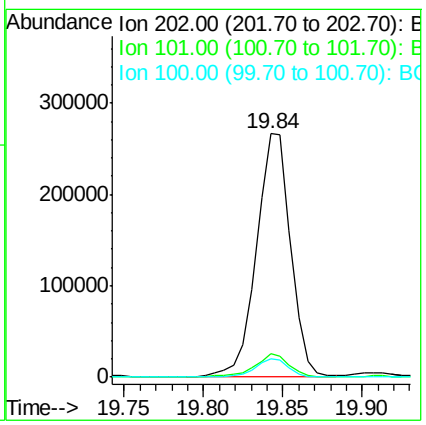


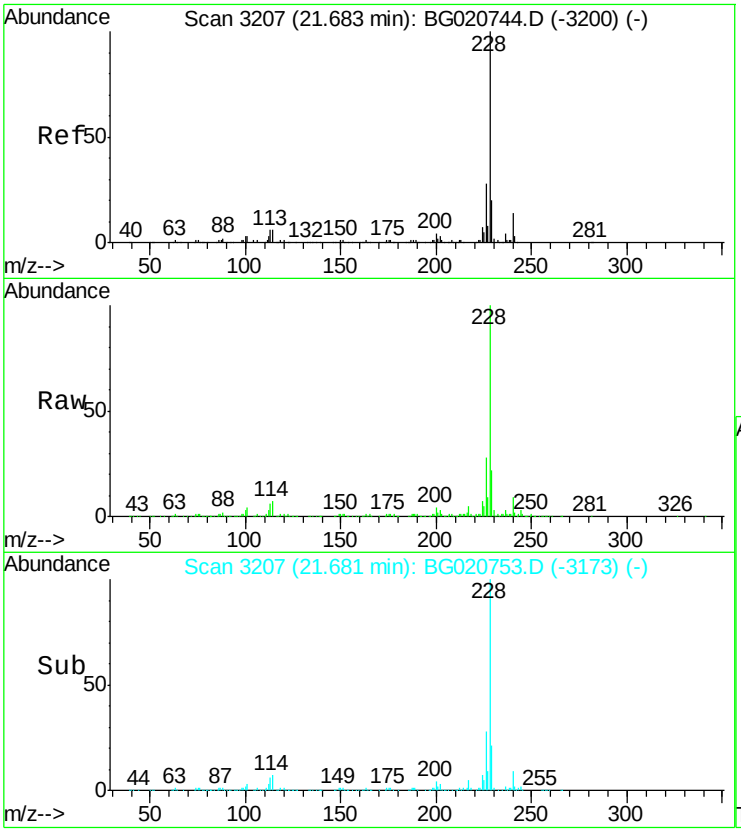


#80
Pyrene
Concen: 40.85 ng/ul
RT: 19.84 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:202 Resp: 399351

Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.9	10.3
100	7.6	5.6	8.4



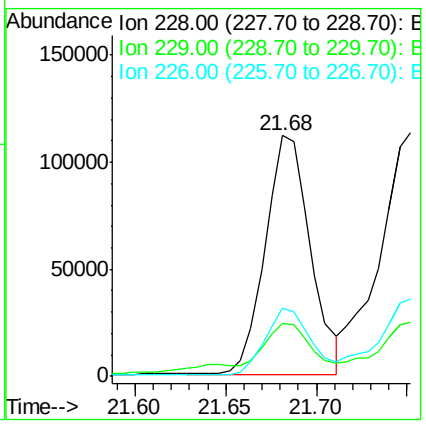


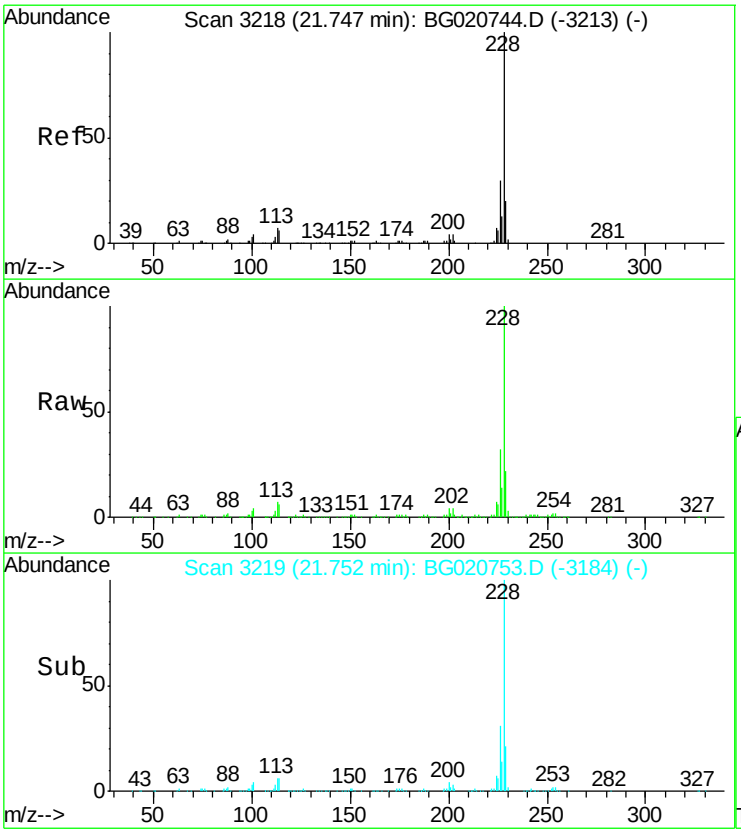
#83
Benzo(a)anthracene
Concen: 20.36 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:228 Resp: 195802

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.0	24.0
226	28.3	21.8	32.8

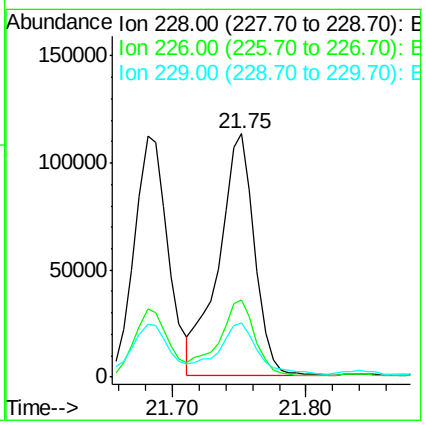


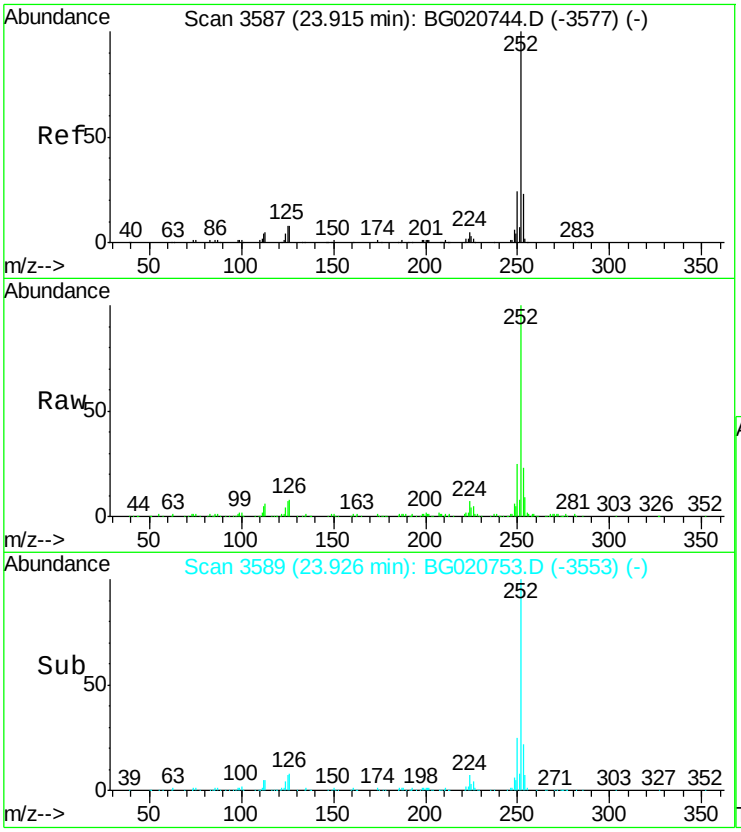


#85
Chrysene
Concen: 23.20 ng/ul
RT: 21.75 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:228 Resp: 210932

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	22.2	16.0	24.0



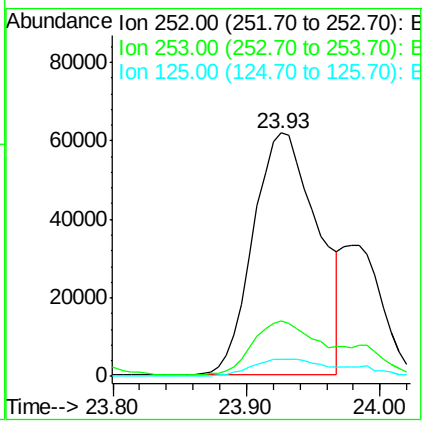


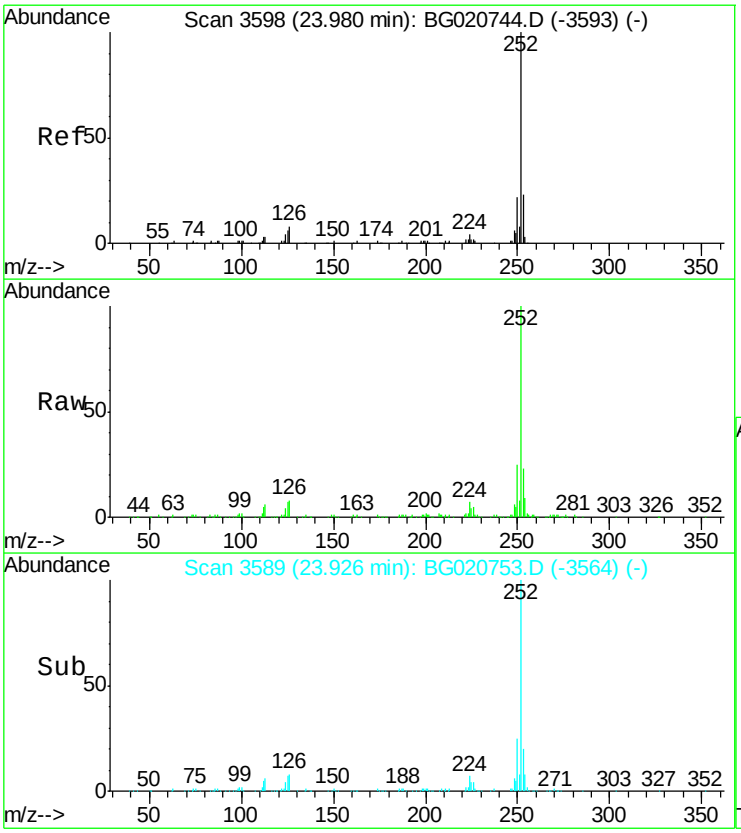
#88
Benzo(b)fluoranthene
Concen: 21.58 ng/ul
RT: 23.93 min Scan# 3589
Delta R.T. 0.01 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:252 Resp: 206847

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	6.8	4.9	7.3

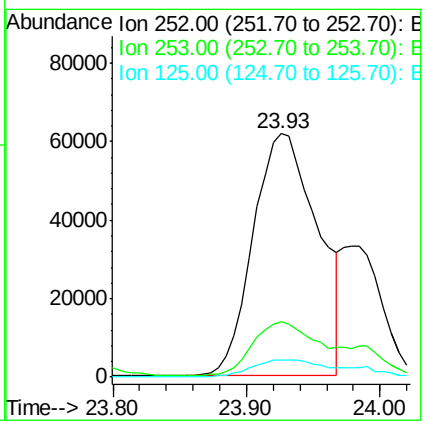


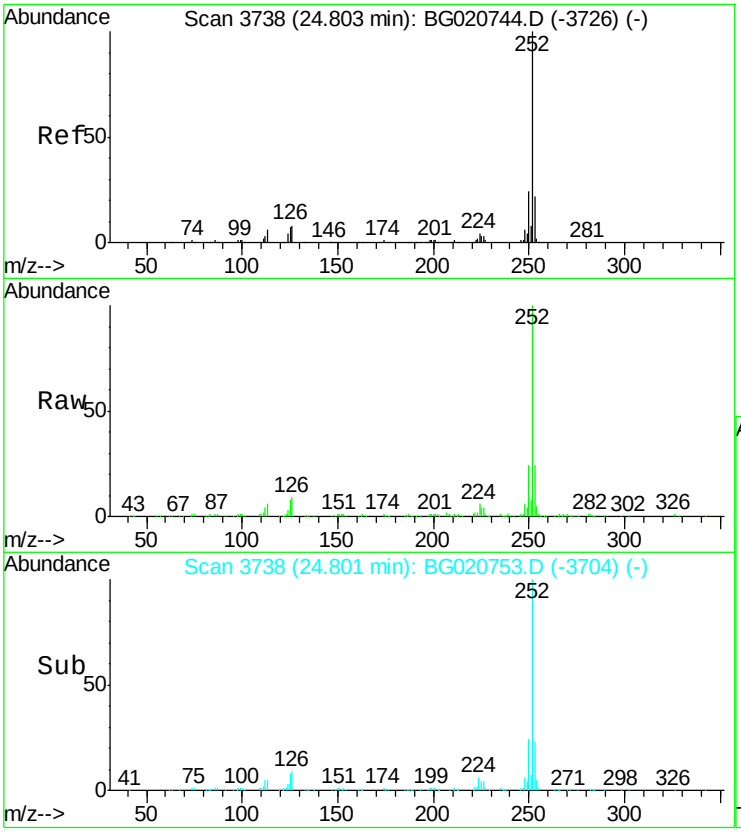


#89
Benzo(k)fluoranthene
Concen: 21.85 ng/ul
RT: 23.93 min Scan# 3589
Delta R.T. -0.05 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:252 Resp: 206847

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	6.8	5.4	8.0



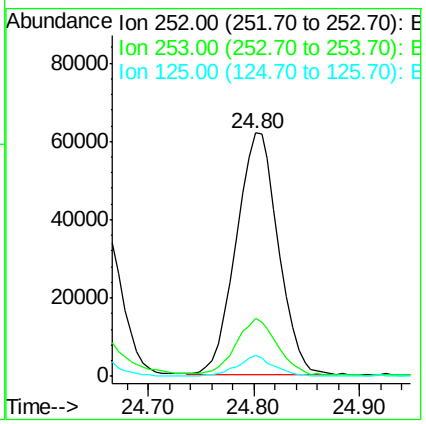


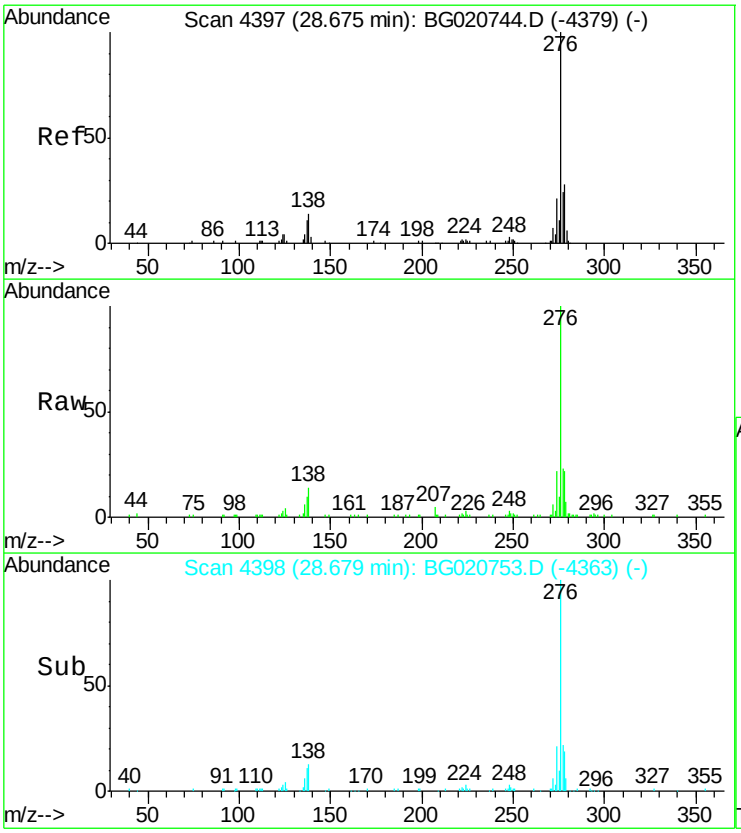
#91
Benzo(a)pyrene
Concen: 18.38 ng/ul
RT: 24.80 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:252 Resp: 169601

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	8.4	5.8	8.6

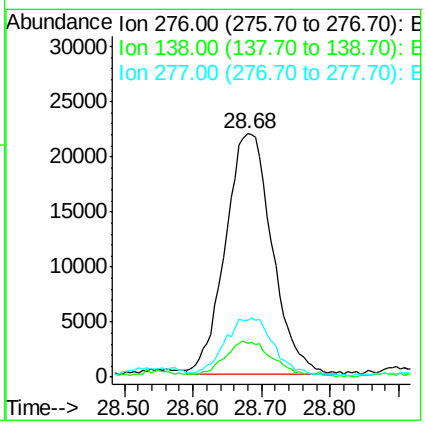


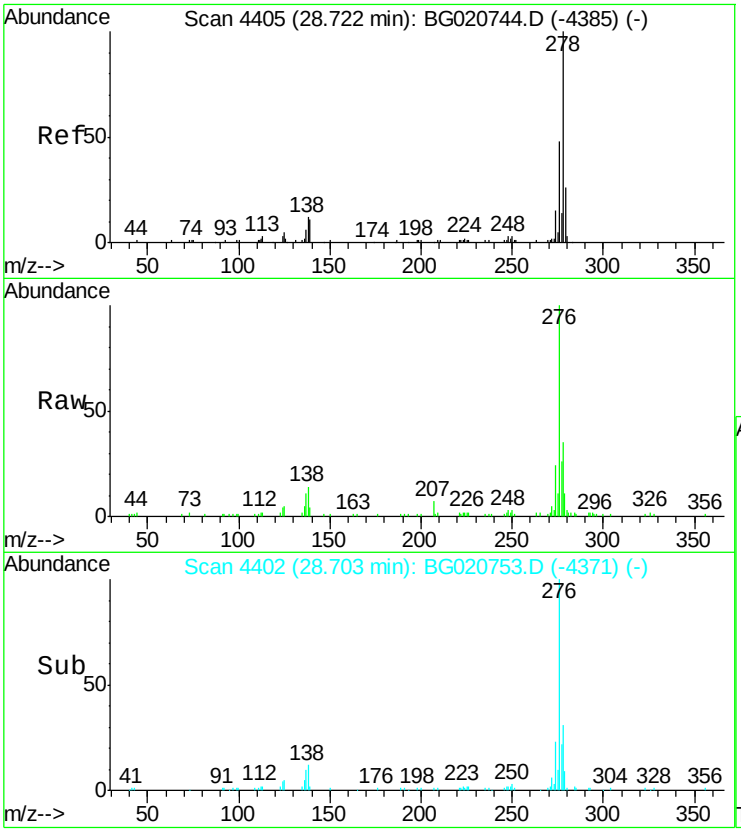


#92
Indeno(1,2,3-cd)pyrene
Concen: 9.48 ng/ul
RT: 28.68 min Scan# 4398
Delta R.T. 0.00 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:276 Resp: 103176

Ion	Ratio	Lower	Upper
276	100		
138	13.9	10.9	16.3
277	23.3	18.9	28.3



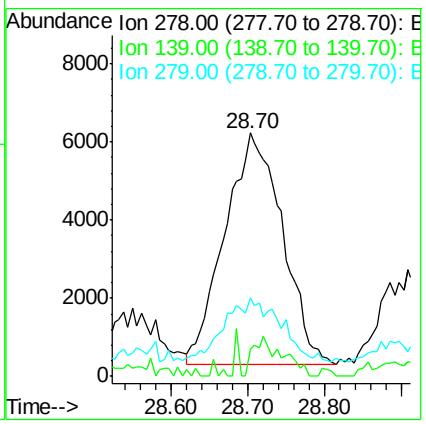


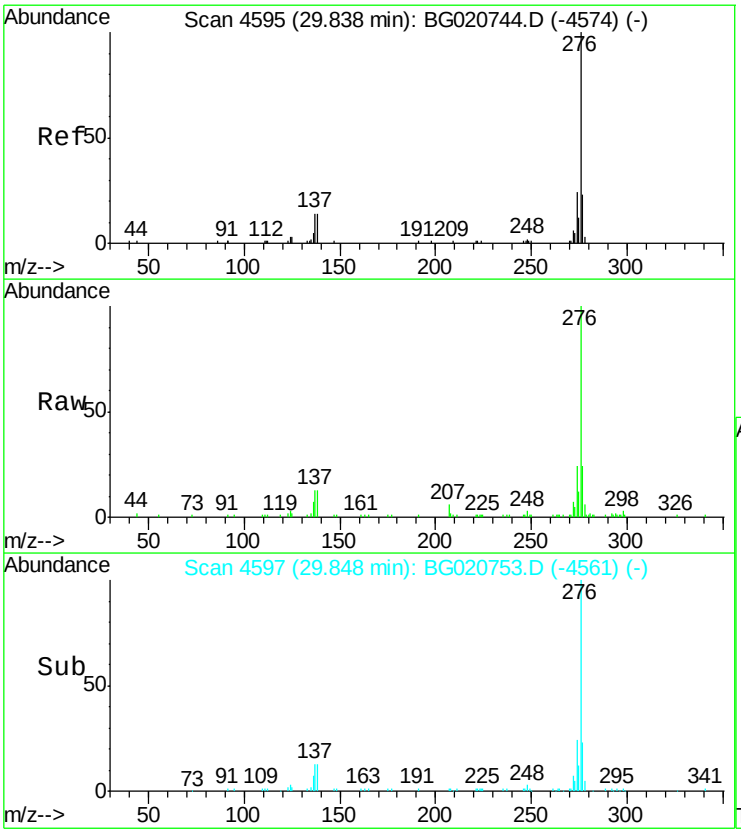
#93
Dibenzo(a,h)anthracene
Concen: 3.43 ng/ul
RT: 28.70 min Scan# 4402
Delta R.T. -0.02 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Instrument :
BNA_G
ClientSampleId :
BC9F6

Tgt Ion:278 Resp: 30787

Ion	Ratio	Lower	Upper
278	100		
139	11.0	9.0	13.4
279	32.0	19.1	28.7#





#94
Benzo(g,h,i)perylene
Concen: 6.66 ng/ul
RT: 29.85 min Scan# 4597
Delta R.T. 0.01 min
Lab File: BG020753.D
Acq: 15 Jan 2016 15:22

Tgt Ion:276 Resp: 59817

Ion	Ratio	Lower	Upper
276	100		
138	12.8	11.2	16.8
277	24.5	19.0	28.6