Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020784.D
Acq On : 4 Feb 2016 13:13
Operator : SJ/IZ
Sample : H1334-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBG10

Quant Time: Feb 05 04:18:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	18573	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	93363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	56250	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	119689	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	110553	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	104664	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	129	0.33	ng/uL	0.00
5) Phenol-d5	7.41	99	5464	2.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	3517	3.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	4286	3.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	4542	2.77	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	1968	3.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	1314	2.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	3999	2.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	5786	3.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	16200	3.37	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	21176	3.62	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	1424	1.68	ng/ul	0.00
58) Fluorene-d10	15.87	176	14797	3.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	715	1.81	ng/ul	0.00
71) Anthracene-d10	17.72	188	21404	3.64	ng/ul	0.00
79) Pyrene-d10	19.98	212	20983	3.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	20827	3.71	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	2773	1.38	ng/ul#	84
48) Acenaphthylene	14.62	152	8162	1.26	ng/ul	96
50) Acenaphthene	14.95	153	7222	1.60	ng/ul	97
59) Fluorene	15.93	166	10386	2.02	ng/ul	99
70) Phenanthrene	17.66	178	167017	22.22	ng/ul	98
72) Anthracene	17.75	178	34524	4.59	ng/ul	98
75) Carbazole	18.01	167	15553	2.33	ng/ul	94
77) Fluoranthene	19.65	202	387348	50.16	ng/ul#	77
80) Pyrene	20.01	202	303706	36.34	ng/ul#	73
83) Benzo(a)anthracene	21.88	228	150528	21.14	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	16283	3.20	ng/ul#	91
85) Chrysene	21.95	228	133068	20.12	ng/ul	97
87) Di-n-octyl phthalate	23.04	149	23588	2.79	ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	168084	24.51	ng/ul#	89
89) Benzo(k)fluoranthene	24.20	252	168084	25.02	ng/ul#	89
91) Benzo(a)pyrene	25.11	252	107479	16.38	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	29.14	276	71184	9.28	ng/ul#	80
93) Dibenzo(a,h)anthracene	29.19	278	10226	1.61	ng/ul#	82
94) Benzo(g,h,i)perylene	30.35	276	60170	9.56	ng/ul#	82

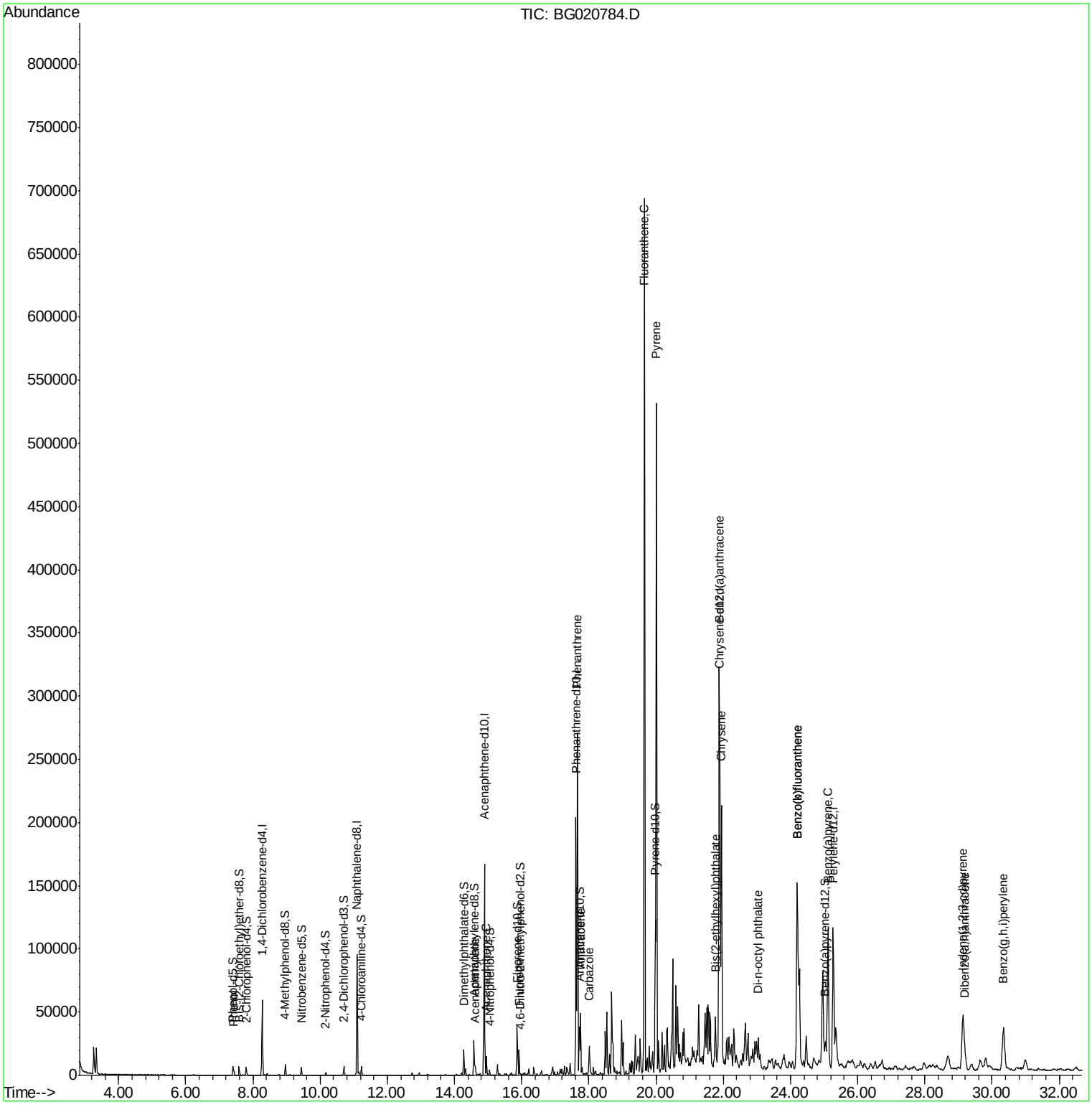
(#) = qualifier out of range (m) = manual integration (+) = signals summed

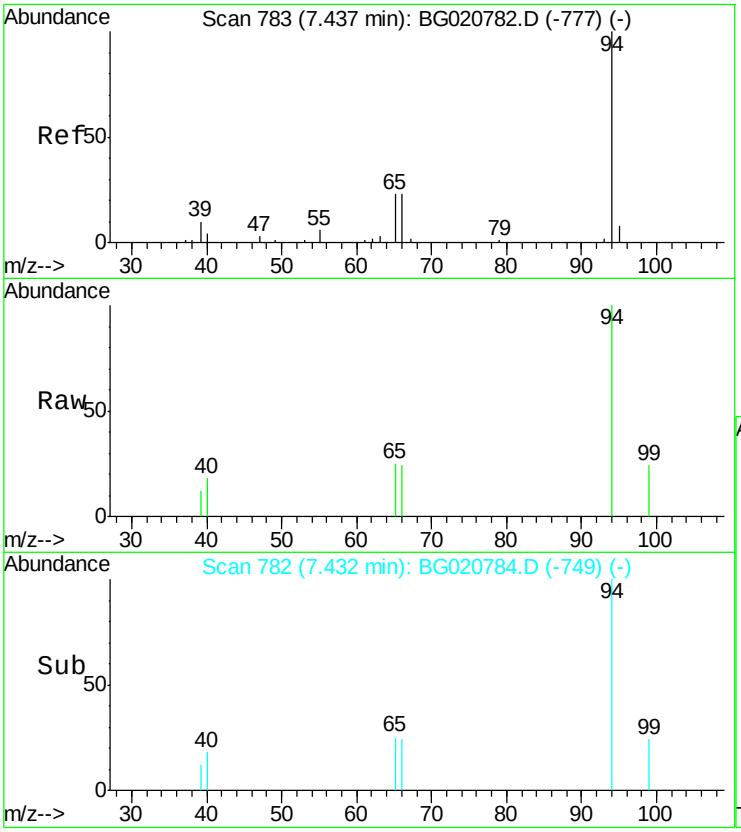
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020784.D
Acq On : 4 Feb 2016 13:13
Operator : SJ/IZ
Sample : H1334-13 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBG10

Quant Time: Feb 05 04:18:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration



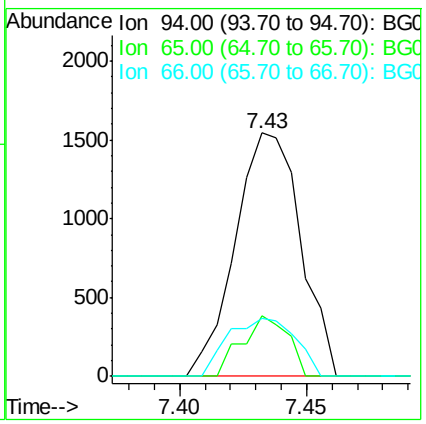


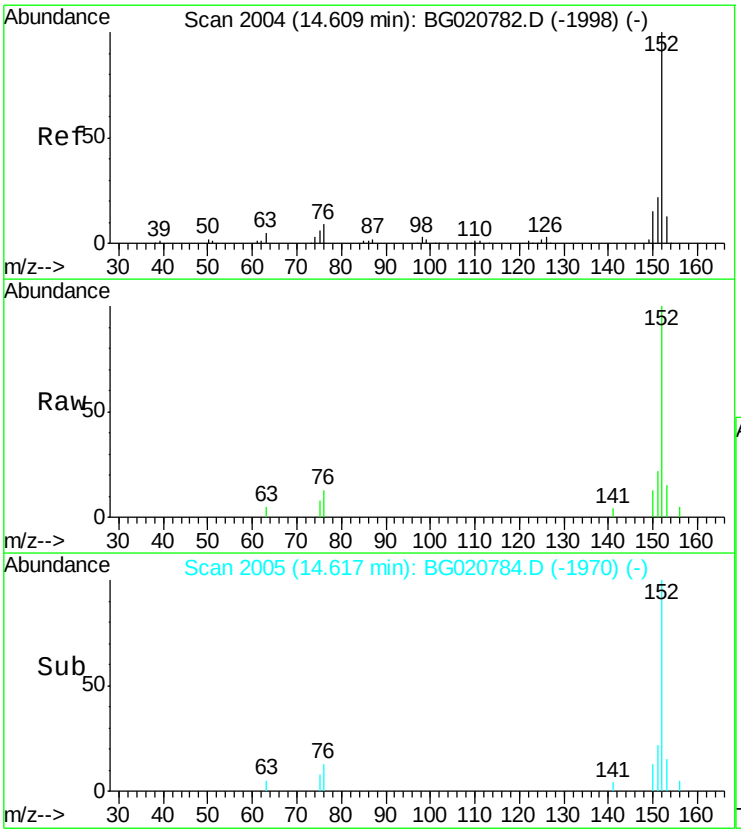
#6
Phenol
Concen: 1.38 ng/ul
RT: 7.43 min Scan# 782
Delta R.T. -0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion: 94 Resp: 2773

Ion	Ratio	Lower	Upper
94	100		
65	24.9	23.0	34.6
66	23.9	30.4	45.6#

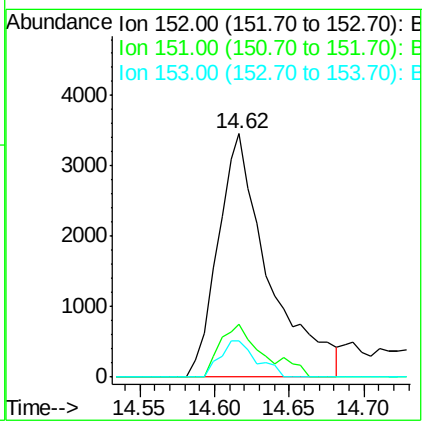


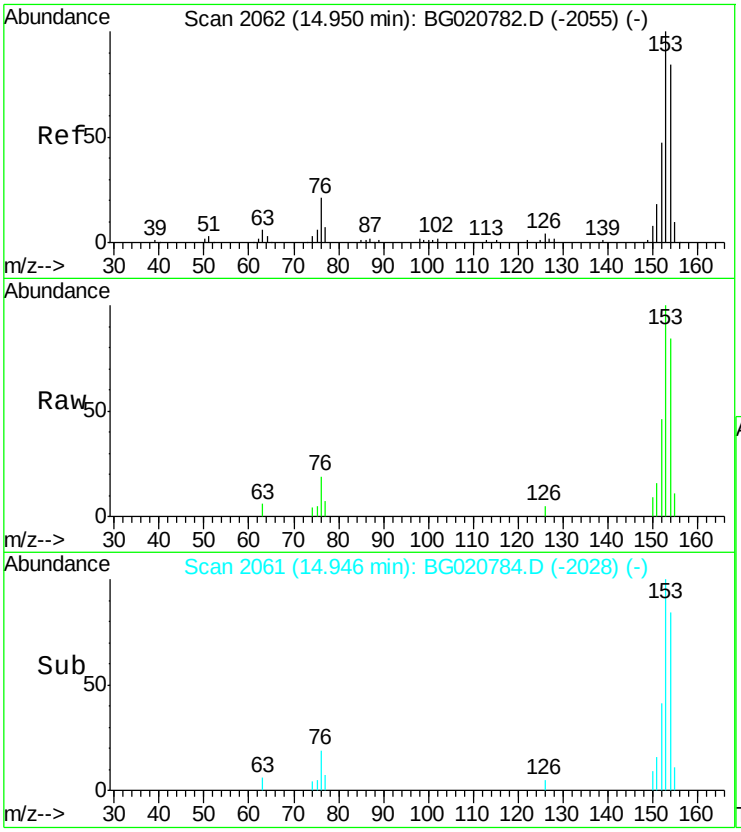


#48
Acenaphthylene
Concen: 1.26 ng/ul
RT: 14.62 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:152 Resp: 8162

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.1	24.1
153	15.1	10.8	16.2



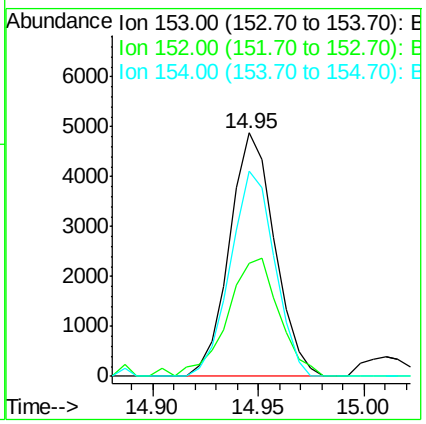


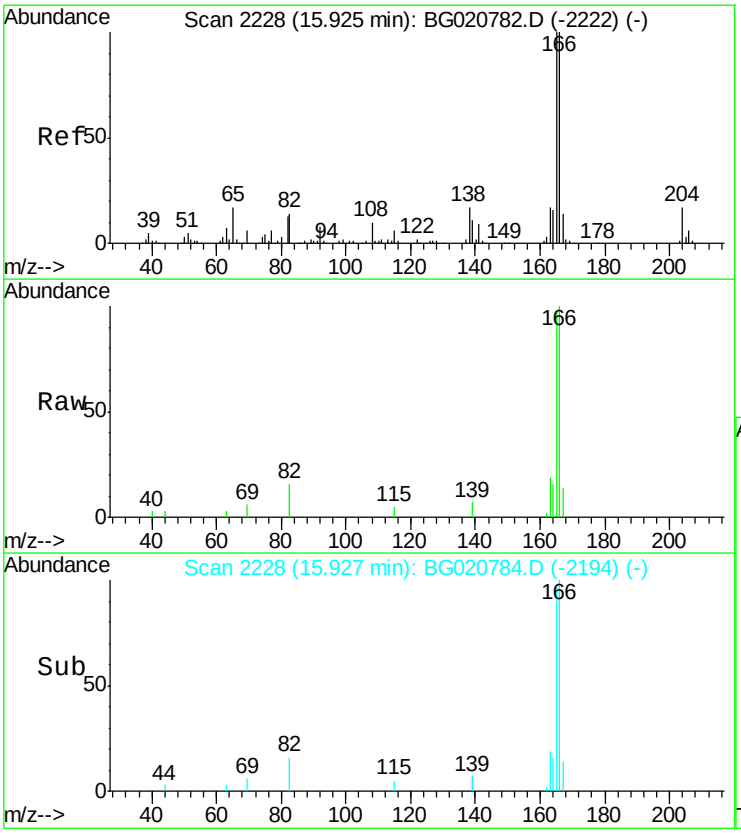
#50
Acenaphthene
Concen: 1.60 ng/ul
RT: 14.95 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:153 Resp: 7222

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.9	56.9
154	84.1	69.8	104.6

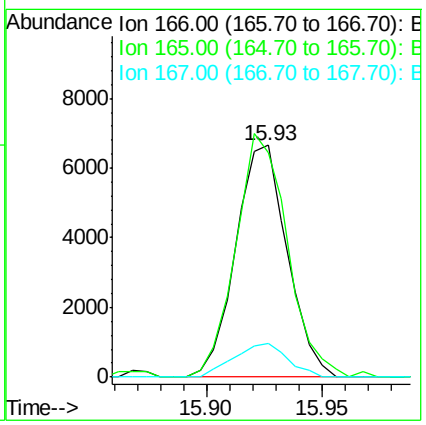


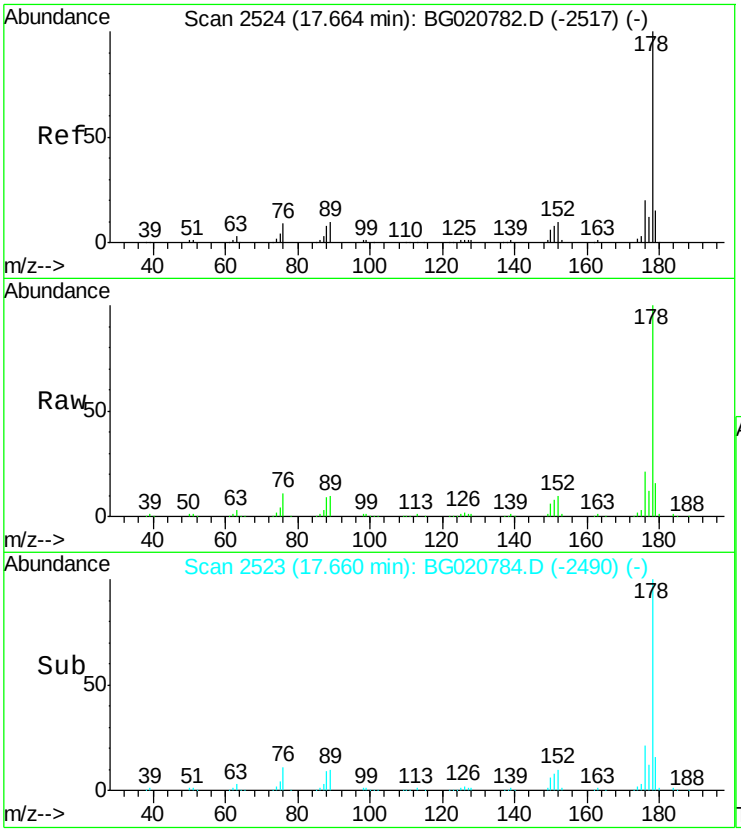


#59
Fluorene
Concen: 2.02 ng/ul
RT: 15.93 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:166 Resp: 10386

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.4	117.6
167	14.3	11.1	16.7



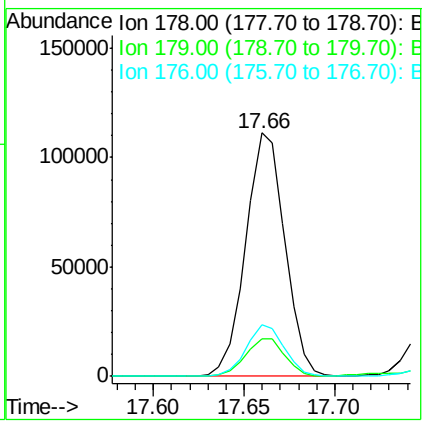


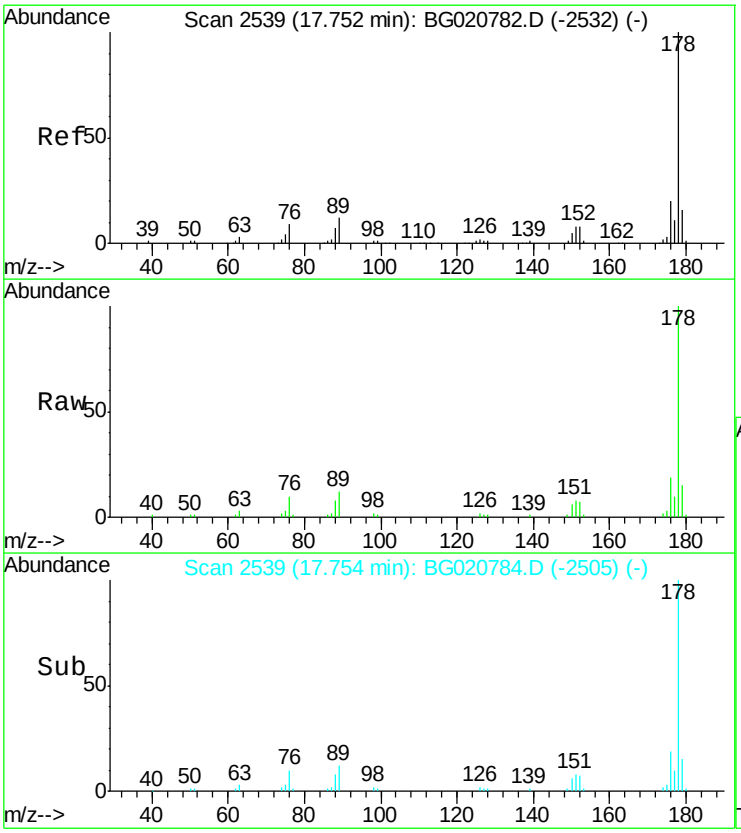
#70
Phenanthrene
Concen: 22.22 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:178 Resp: 167017

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	21.0	15.4	23.0

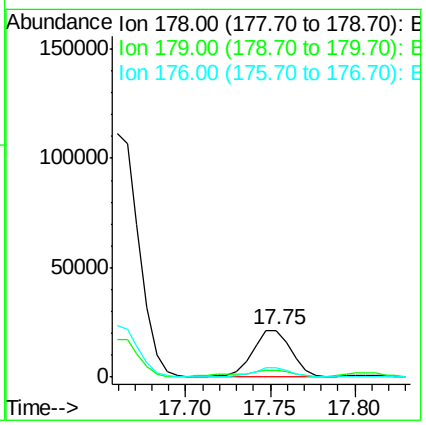


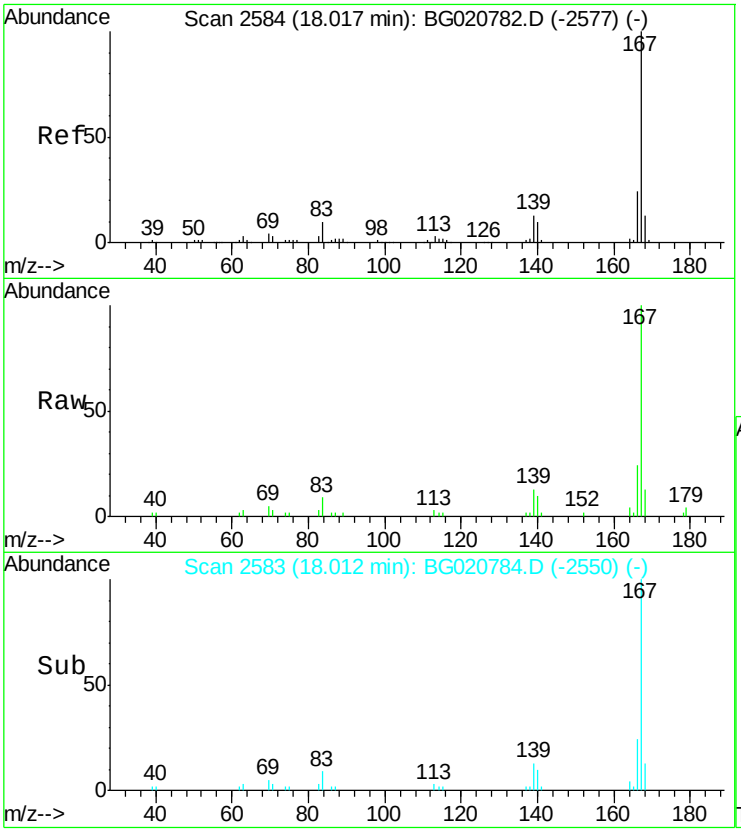


#72
Anthracene
Concen: 4.59 ng/ul
RT: 17.75 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:178 Resp: 34524

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	19.1	15.4	23.0



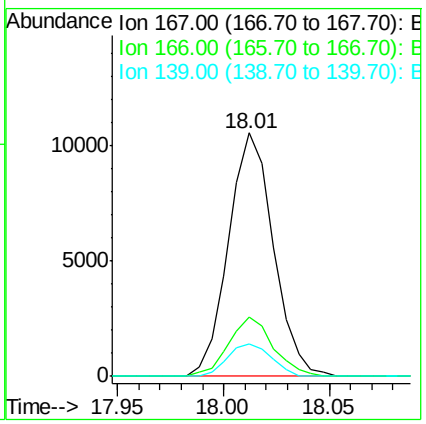


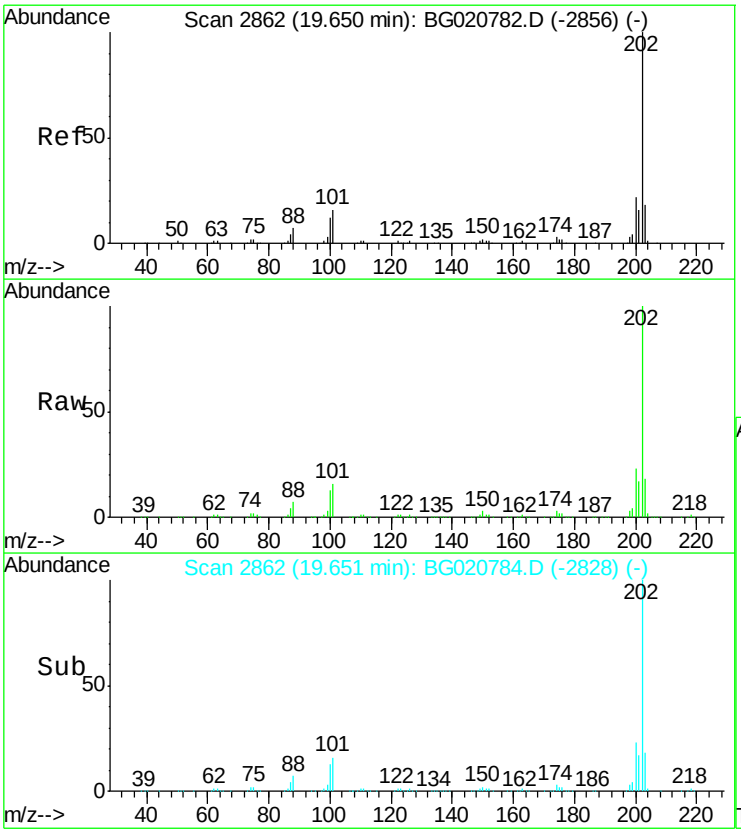
#75
Carbazole
Concen: 2.33 ng/ul
RT: 18.01 min Scan# 2583
Delta R.T. -0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:167 Resp: 15553

Ion	Ratio	Lower	Upper
167	100		
166	24.5	17.0	25.4
139	13.3	9.1	13.7

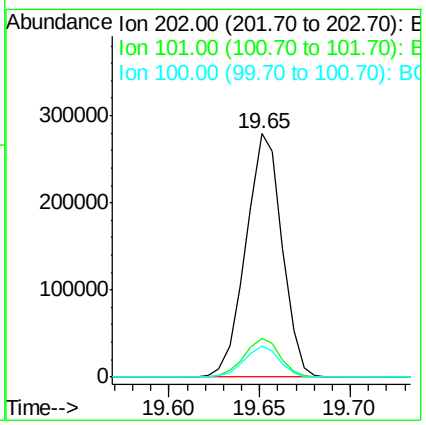


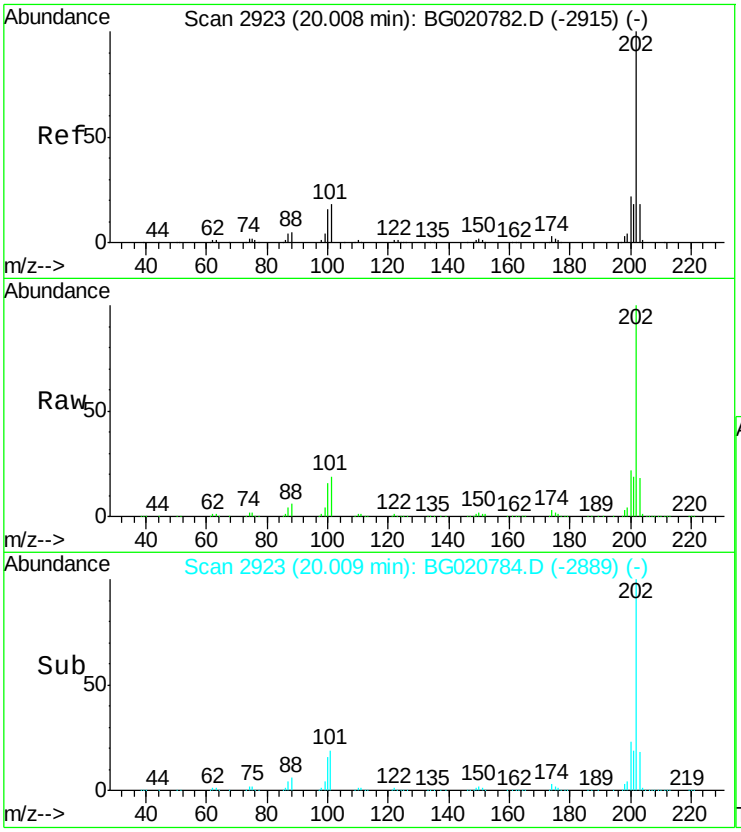


#77
Fluoranthene
Concen: 50.16 ng/ul
RT: 19.65 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:202 Resp: 387348

Ion	Ratio	Lower	Upper
202	100		
101	16.1	6.1	9.1#
100	13.0	4.6	7.0#



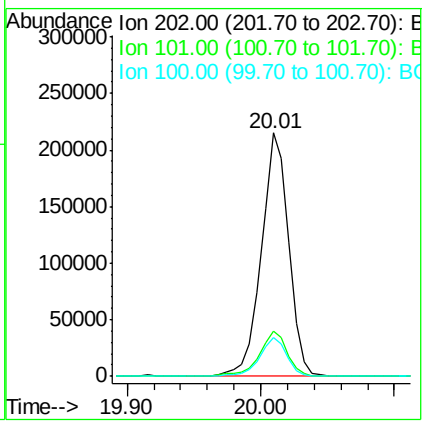


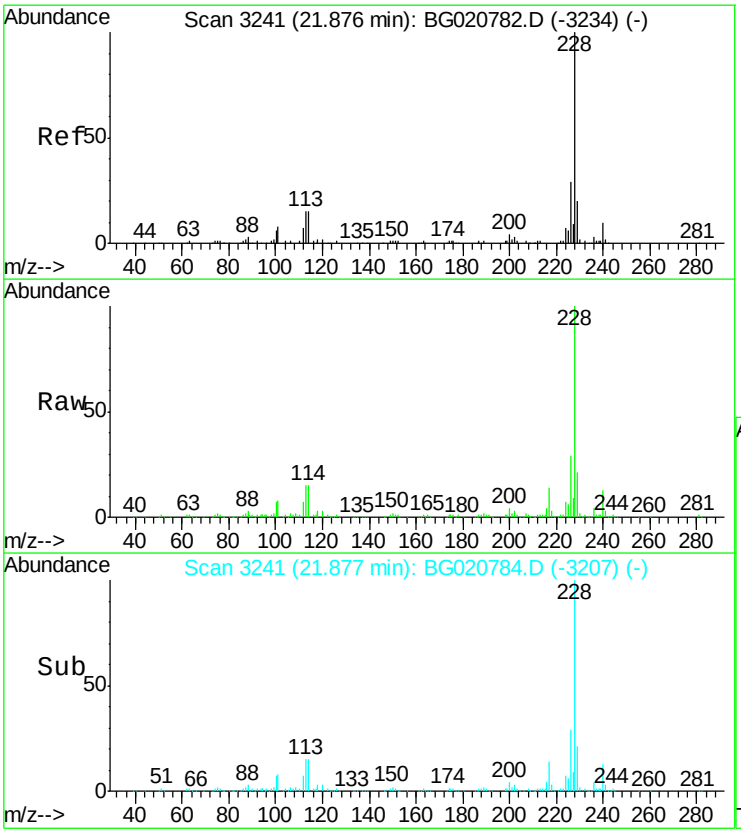
#80
Pyrene
Concen: 36.34 ng/ul
RT: 20.01 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:202 Resp: 303706

Ion	Ratio	Lower	Upper
202	100		
101	18.7	6.9	10.3#
100	15.9	5.6	8.4#

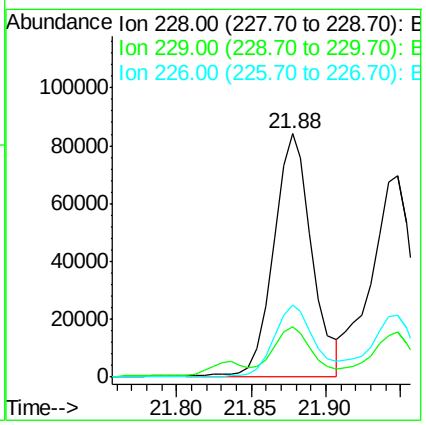


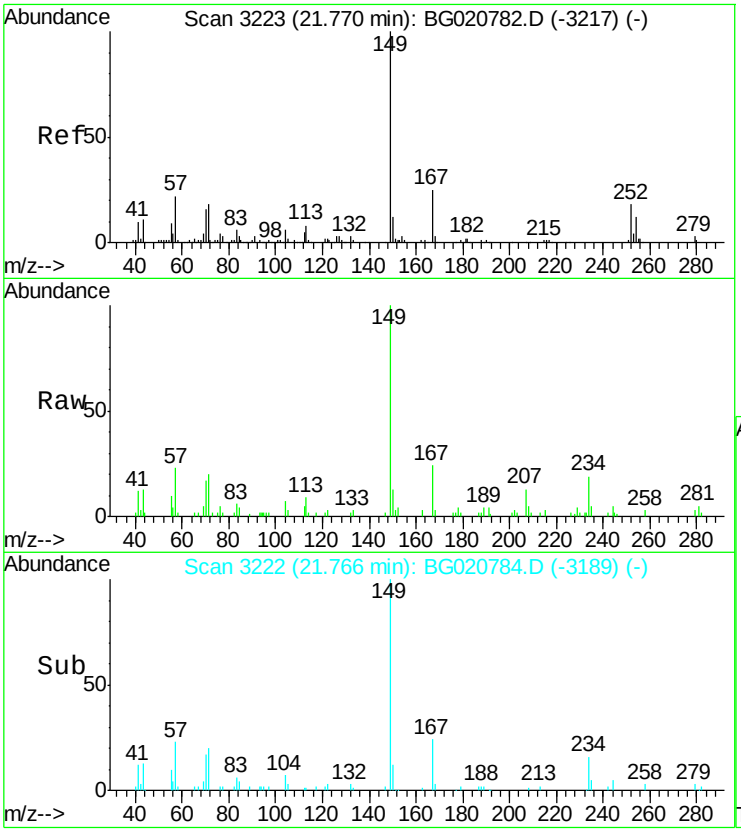


#83
Benzo(a)anthracene
Concen: 21.14 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:228 Resp: 150528

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	29.4	21.8	32.8



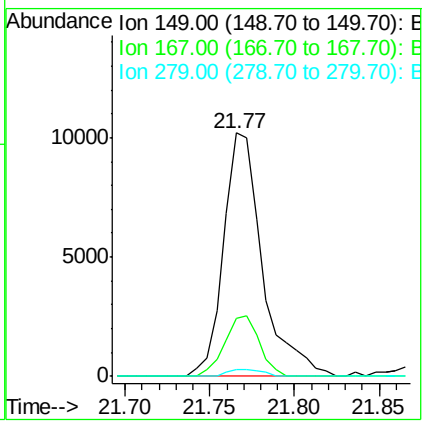


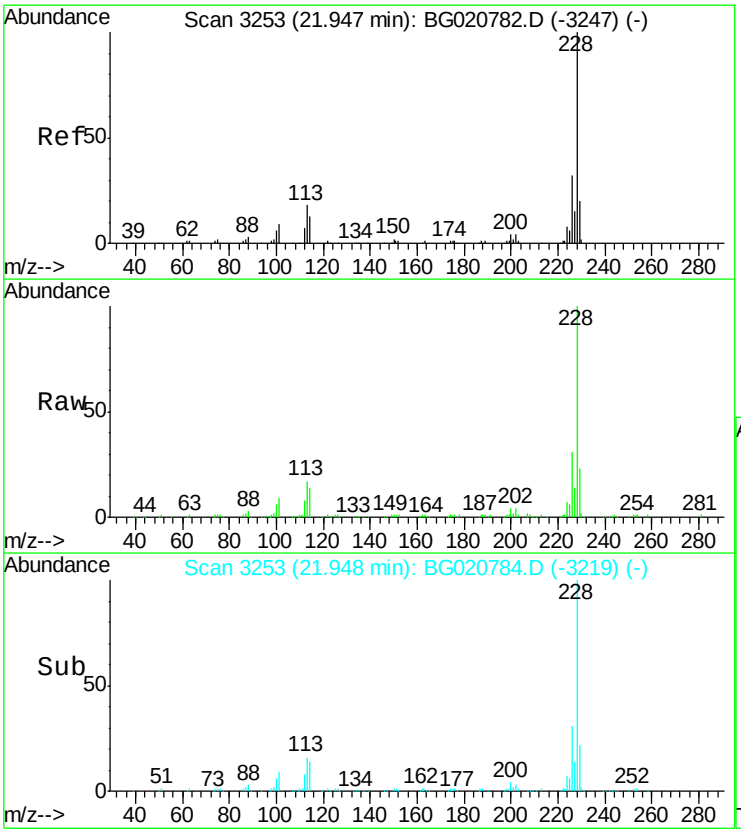
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.20 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:149 Resp: 16283

Ion	Ratio	Lower	Upper
149	100		
167	23.9	23.0	34.6
279	2.5	4.3	6.5#

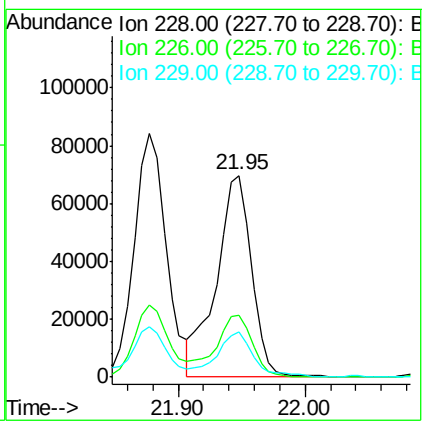


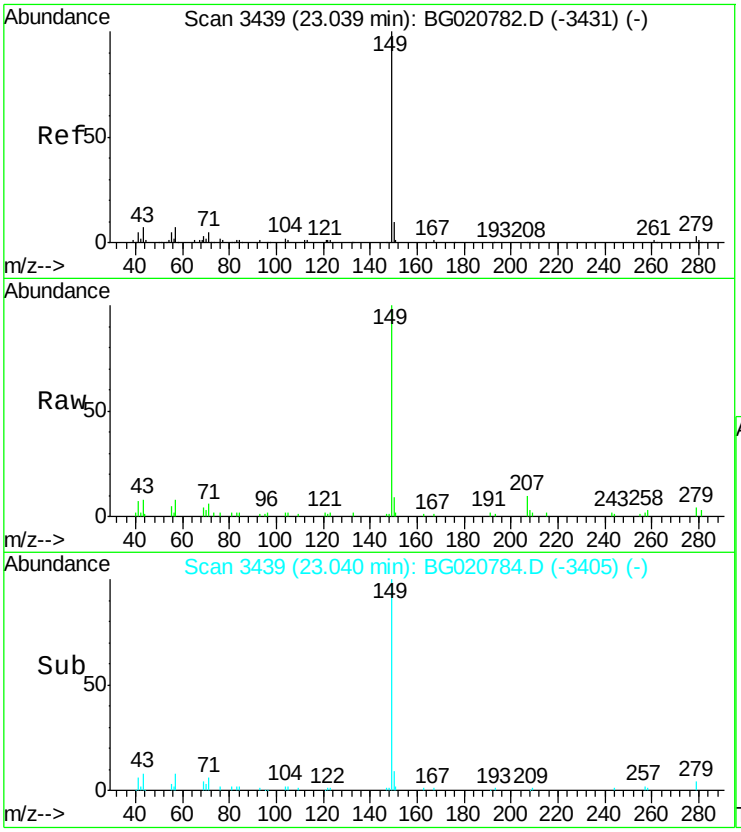


#85
Chrysene
Concen: 20.12 ng/ul
RT: 21.95 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:228 Resp: 133068

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	22.6	16.0	24.0

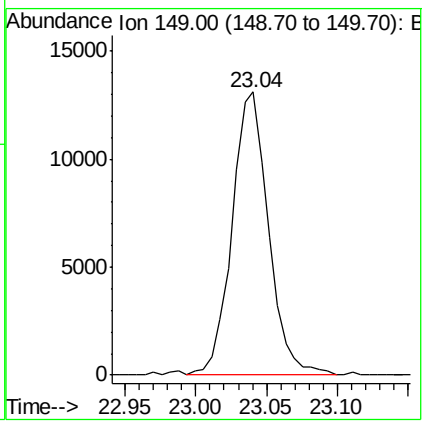


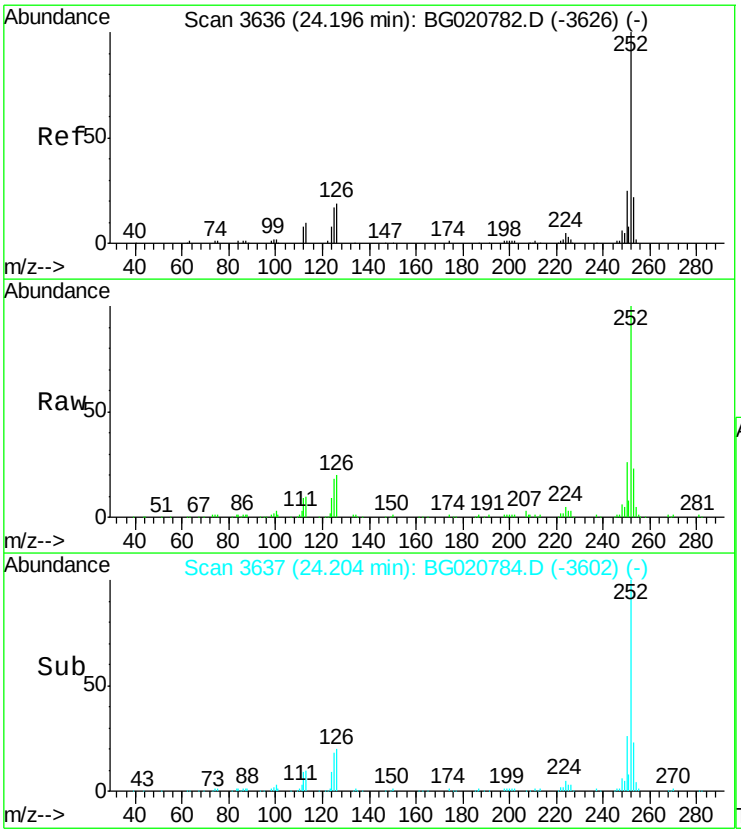


#87
Di-n-octyl phthalate
Concen: 2.79 ng/ul
RT: 23.04 min Scan# 3439
Delta R.T. 0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:149 Resp: 23588

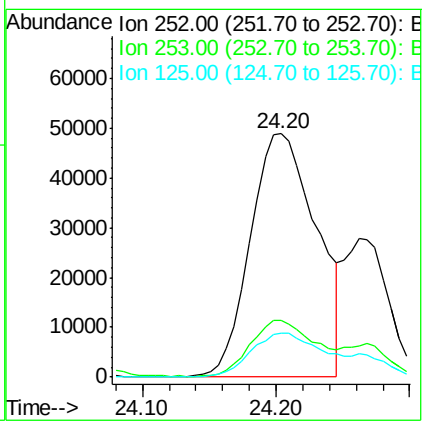


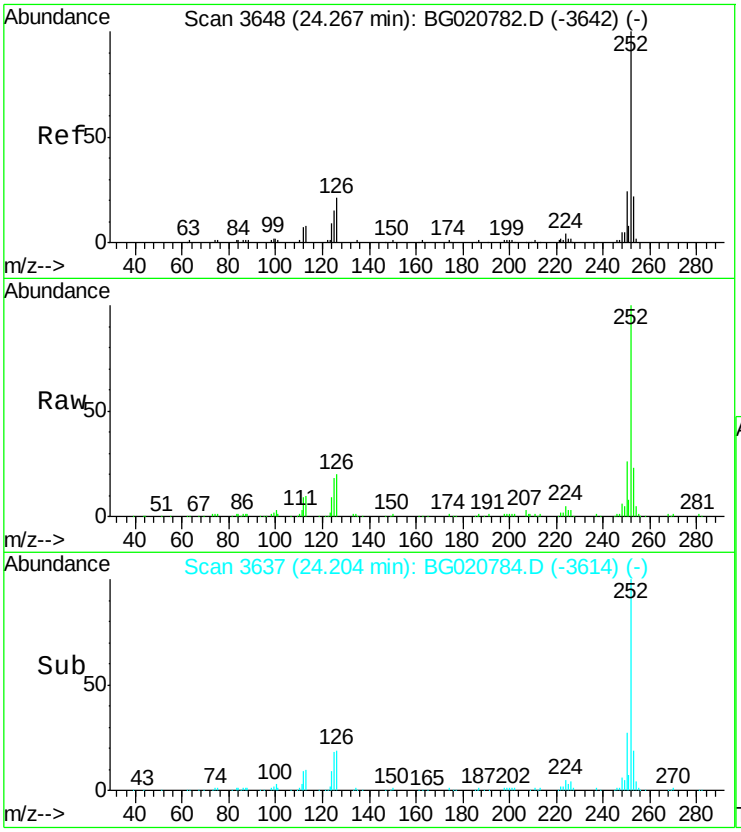


#88
Benzo(b)fluoranthene
Concen: 24.51 ng/ul
RT: 24.20 min Scan# 3637
Delta R.T. 0.01 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:252 Resp: 168084

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	18.2	4.9	7.3#



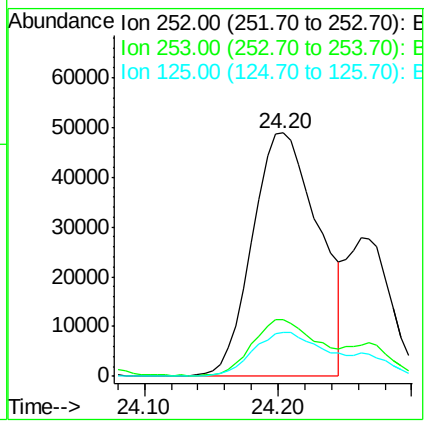


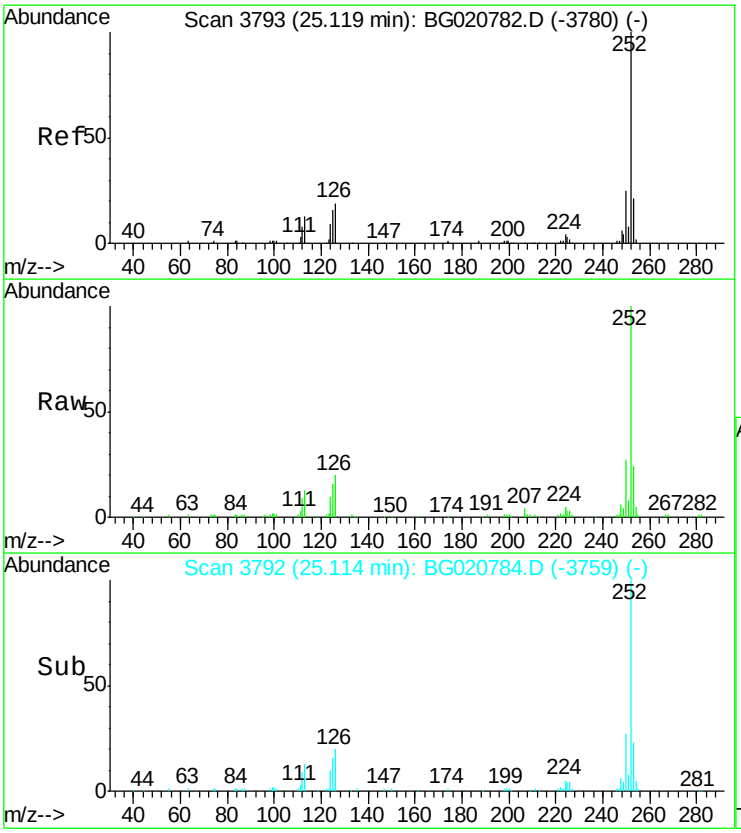
#89
Benzo(k)fluoranthene
Concen: 25.02 ng/ul
RT: 24.20 min Scan# 3637
Delta R.T. -0.06 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:252 Resp: 168084

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	18.2	5.4	8.0#

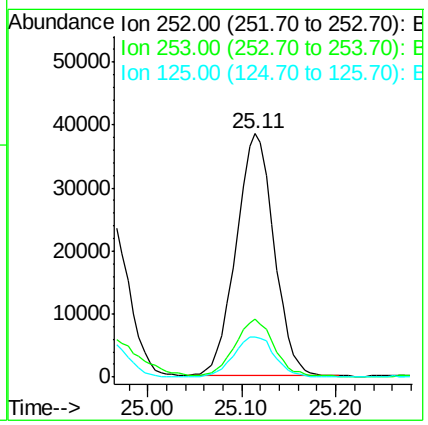


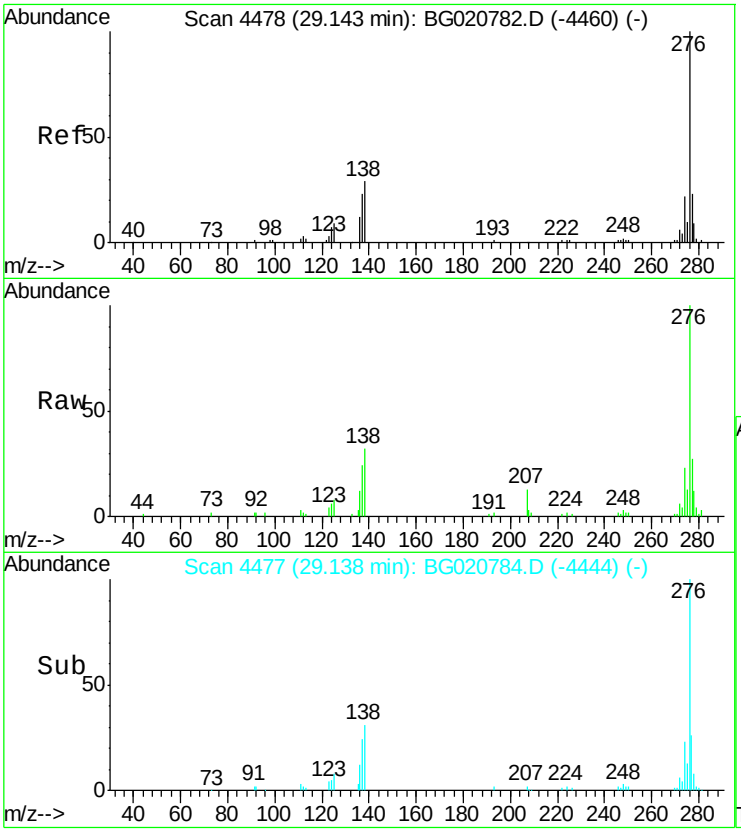


#91
Benzo(a)pyrene
Concen: 16.38 ng/ul
RT: 25.11 min Scan# 3792
Delta R.T. -0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:252 Resp: 107479

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	16.5	5.8	8.6#



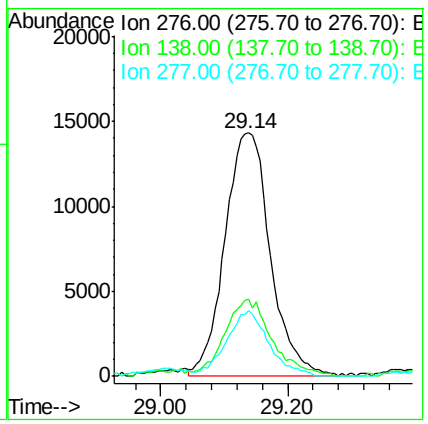


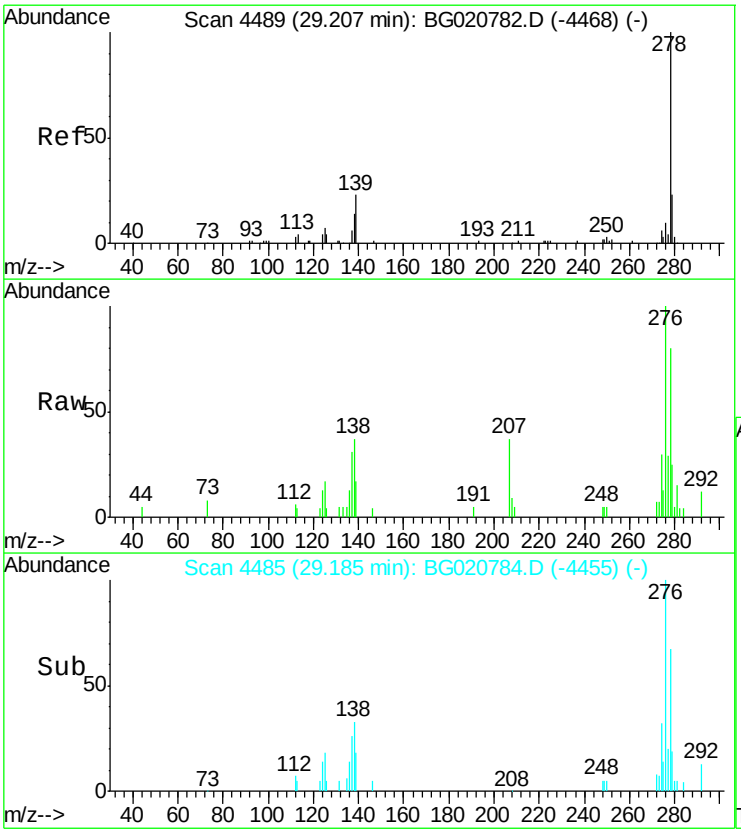
#92
Indeno(1,2,3-cd)pyrene
Concen: 9.28 ng/ul
RT: 29.14 min Scan# 4477
Delta R.T. -0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:276 Resp: 71184

Ion	Ratio	Lower	Upper
276	100		
138	31.6	10.9	16.3#
277	26.7	18.9	28.3

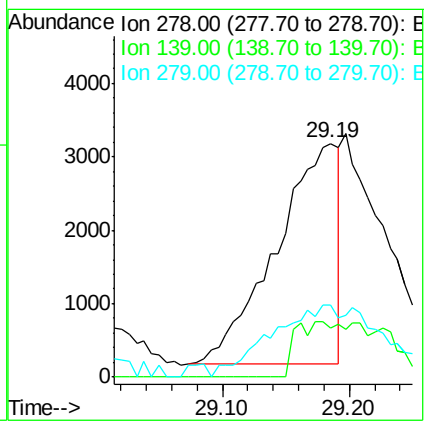


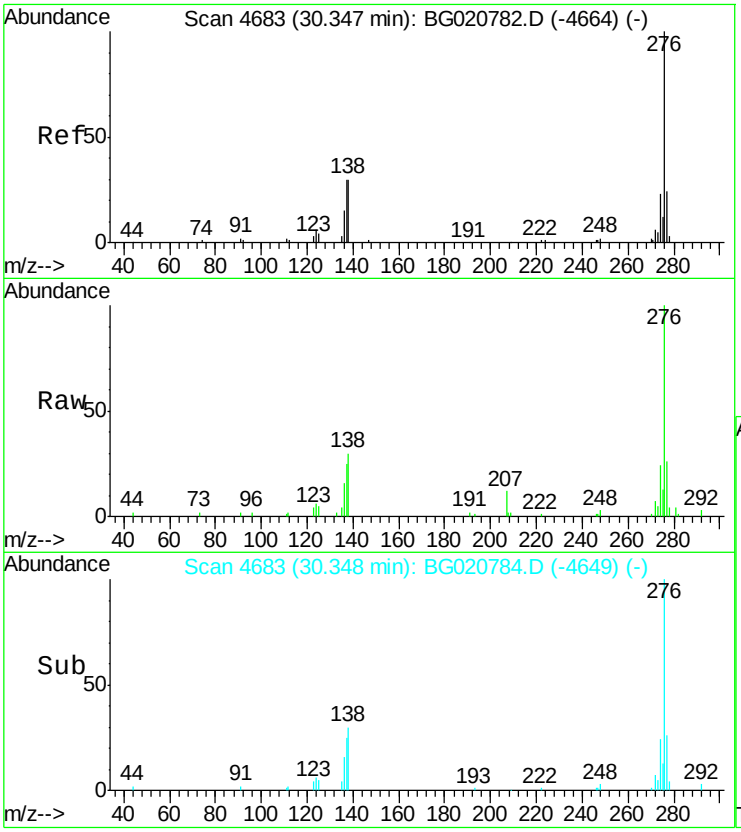


#93
Dibenzo(a,h)anthracene
Concen: 1.61 ng/ul
RT: 29.19 min Scan# 4485
Delta R.T. -0.02 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Tgt Ion:278 Resp: 10226

Ion	Ratio	Lower	Upper
278	100		
139	21.0	9.0	13.4#
279	31.0	19.1	28.7#





#94
Benzo(g,h,i)perylene
Concen: 9.56 ng/ul
RT: 30.35 min Scan# 4683
Delta R.T. 0.00 min
Lab File: BG020784.D
Acq: 4 Feb 2016 13:13

Instrument :
BNA_G
ClientSampleId :
BBG10

Tgt Ion:276 Resp: 60170

Ion	Ratio	Lower	Upper
276	100		
138	30.5	11.2	16.8#
277	26.5	19.0	28.6