Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020613.D
Acq On : 30 Dec 2015 17:53
Operator : UM/SJ
Sample : G4802-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D94DL

Quant Time: Dec 31 01:08:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	81768	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	61752	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	152807	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	176477	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	175769	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	7.22	99	3669	2.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	2361	2.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	3235	2.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	2920	2.22	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	1628	2.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	2000	2.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	4265	3.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	1118	0.68	ng/ul	0.01
44) Dimethylphthalate-d6	14.09	166	15884	3.14	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	20322	3.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	161	0.20	ng/ul	0.00
58) Fluorene-d10	15.68	176	16863	3.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	1579	1.70	ng/ul	0.00
71) Anthracene-d10	17.54	188	26072	3.66	ng/ul	0.00
79) Pyrene-d10	19.83	212	30249	3.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	32258	3.68	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.92	128	9087	2.10	ng/ul#	96
34) 2-Methylnaphthalene	12.53	142	4795	1.48	ng/ul	92
35) 1-Methylnaphthalene	12.75	142	3330	1.06	ng/ul#	94
45) Dimethylphthalate	14.14	163	6290	1.22	ng/ul#	99
48) Acenaphthylene	14.42	152	16650	2.72	ng/ul	96
59) Fluorene	15.74	166	8052	1.60	ng/ul#	89
70) Phenanthrene	17.48	178	189605	22.82	ng/ul	99
72) Anthracene	17.58	178	41041	4.83	ng/ul	98
77) Fluoranthene	19.49	202	448305	44.17	ng/ul	100
80) Pyrene	19.86	202	534509	52.29	ng/ul	99
83) Benzo(a)anthracene	21.69	228	305745	29.61	ng/ul	97
85) Chrysene	21.76	228	285531	29.38	ng/ul	98
88) Benzo(b)fluoranthene	23.94	252	363426	34.82	ng/ul	98
89) Benzo(k)fluoranthene	23.94	252	363426	36.33	ng/ul	98
91) Benzo(a)pyrene	24.82	252	286760	28.59	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.69	276	181193	15.15	ng/ul	97
93) Dibenzo(a,h)anthracene	28.72	278	25907	2.60	ng/ul	95
94) Benzo(g,h,i)perylene	29.86	276	180535	18.37	ng/ul	98

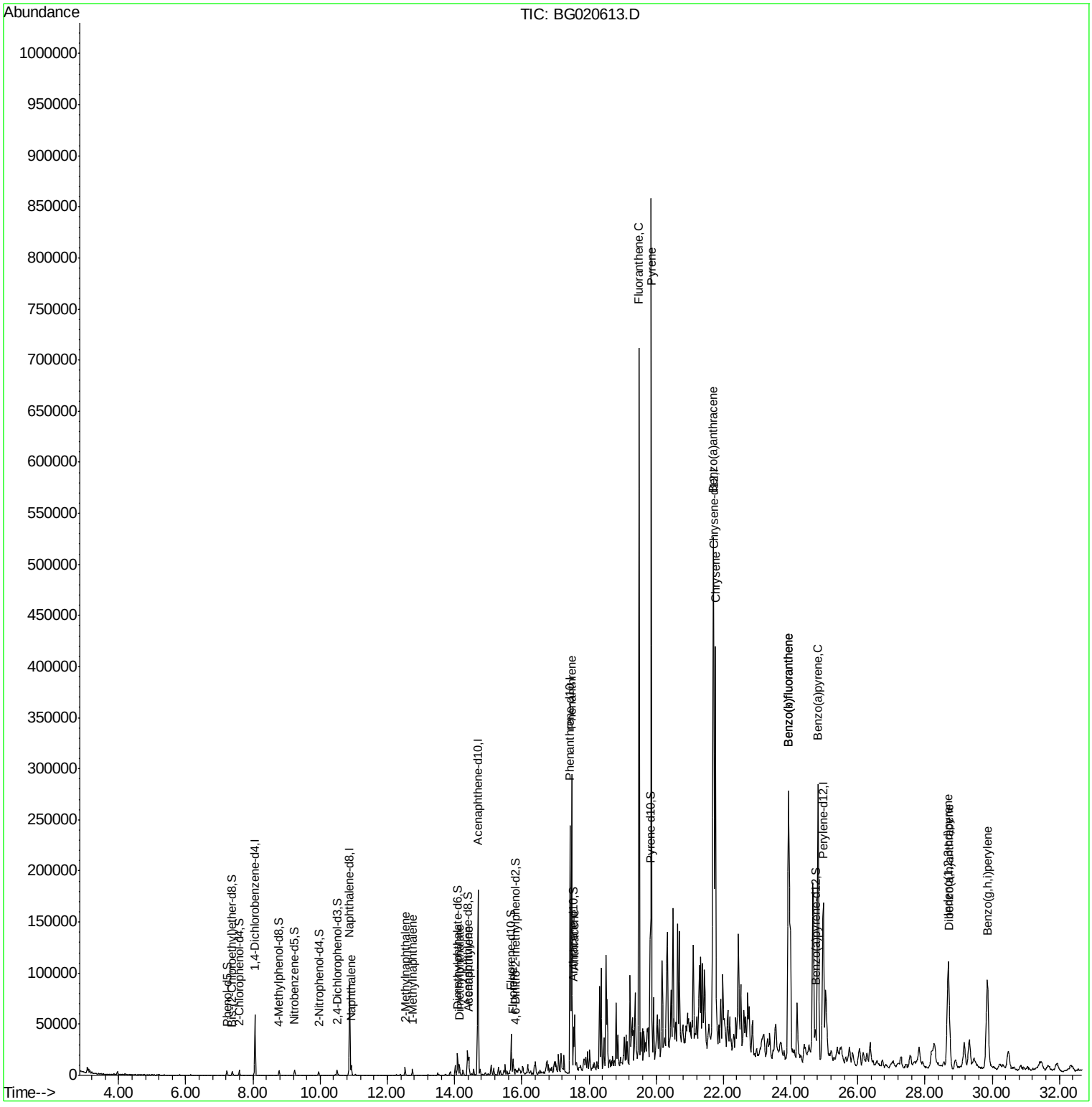
(#) = qualifier out of range (m) = manual integration (+) = signals summed

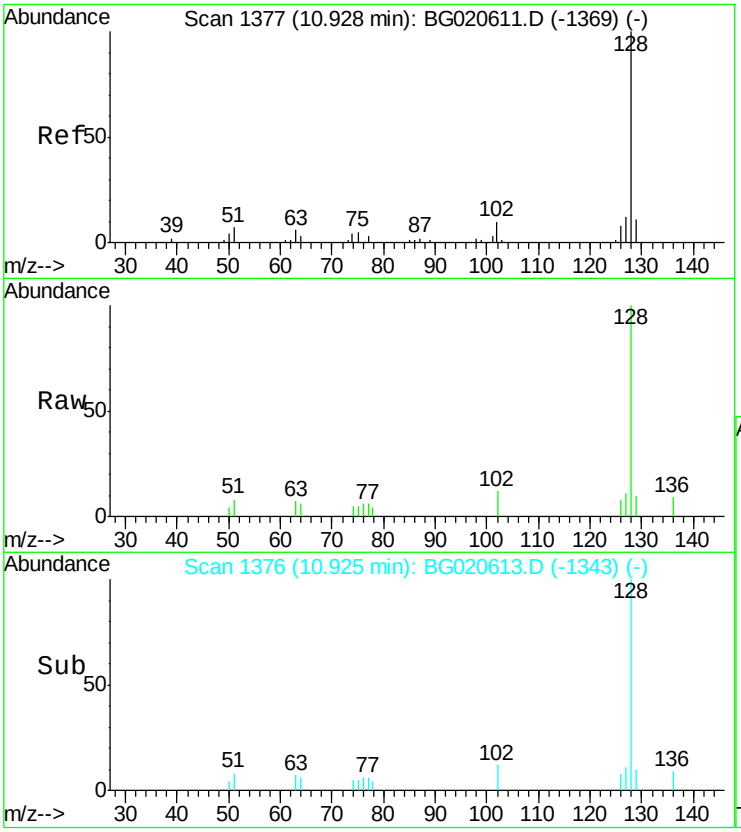
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020613.D
Acq On : 30 Dec 2015 17:53
Operator : UM/SJ
Sample : G4802-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D94DL

Quant Time: Dec 31 01:08:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration



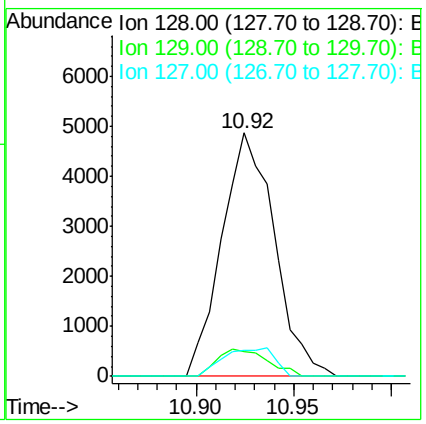


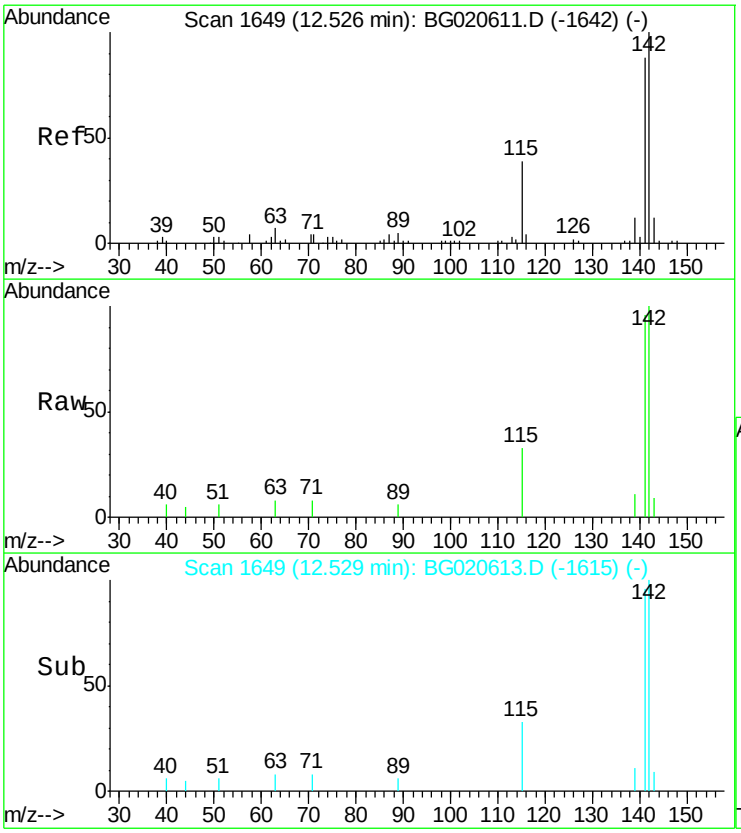
#28
Naphthalene
Concen: 2.10 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:128 Resp: 9087

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.3	12.5
127	10.7	10.8	16.2#

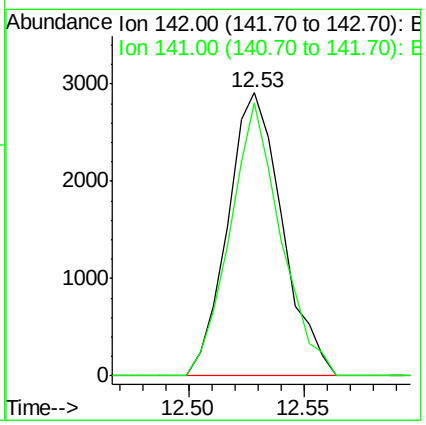


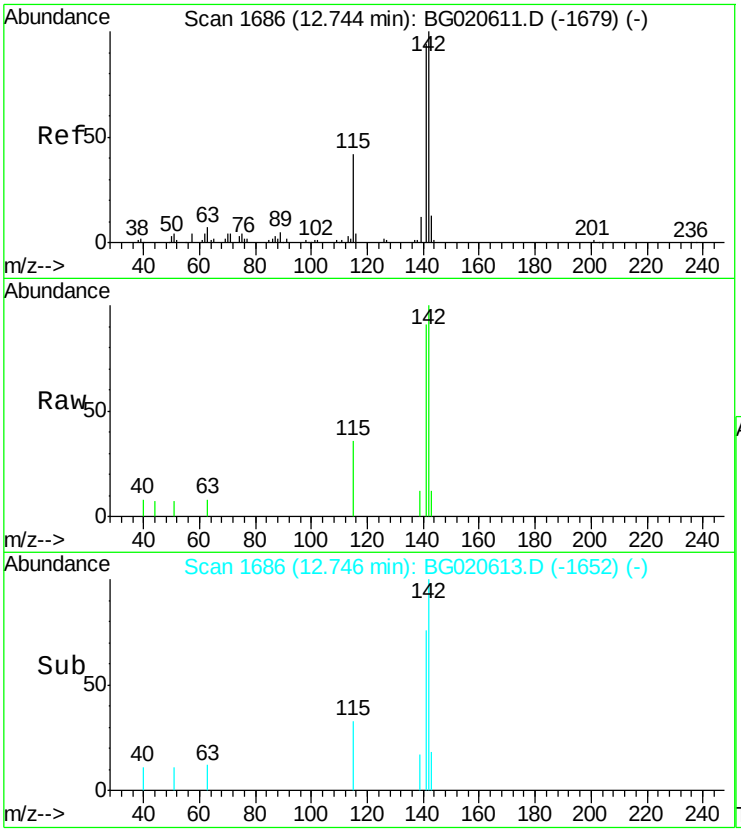


#34
2-Methylnaphthalene
Concen: 1.48 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:142 Resp: 4795

Ion	Ratio	Lower	Upper
142	100		
141	96.5	71.4	107.2



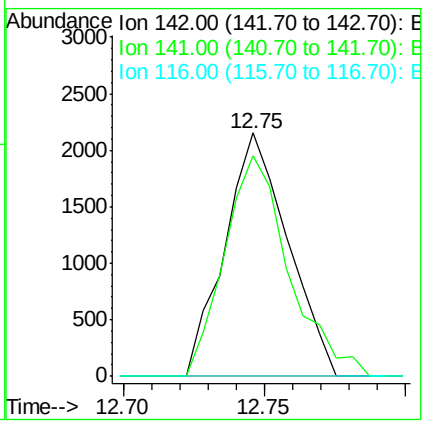


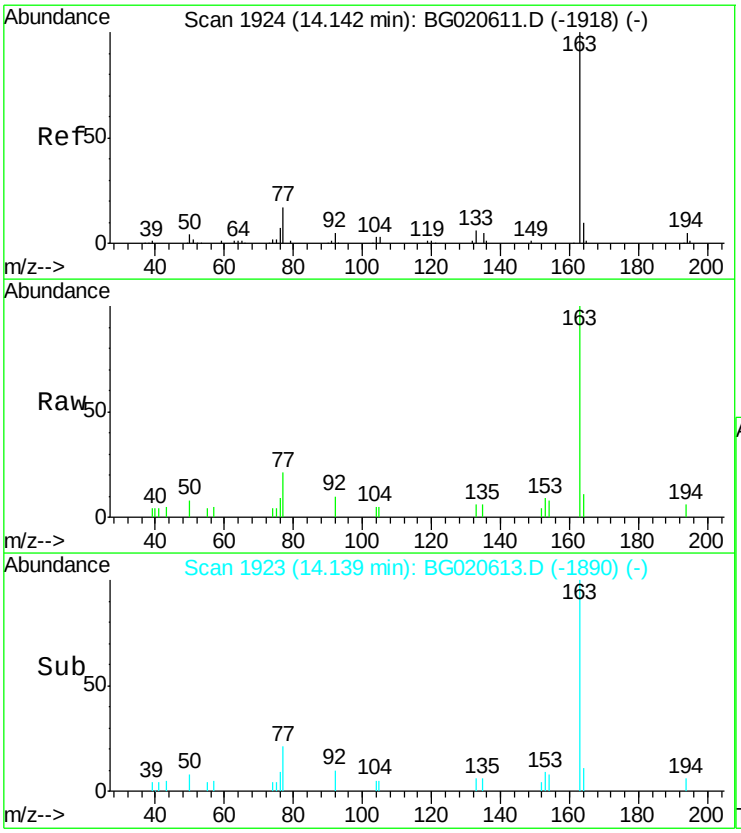
#35
1-Methylnaphthalene
Concen: 1.06 ng/ul
RT: 12.75 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:142 Resp: 3330

Ion	Ratio	Lower	Upper
142	100		
141	90.7	76.6	115.0
116	0.0	3.6	5.4#

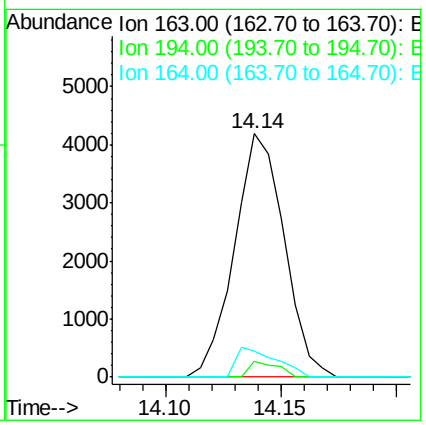


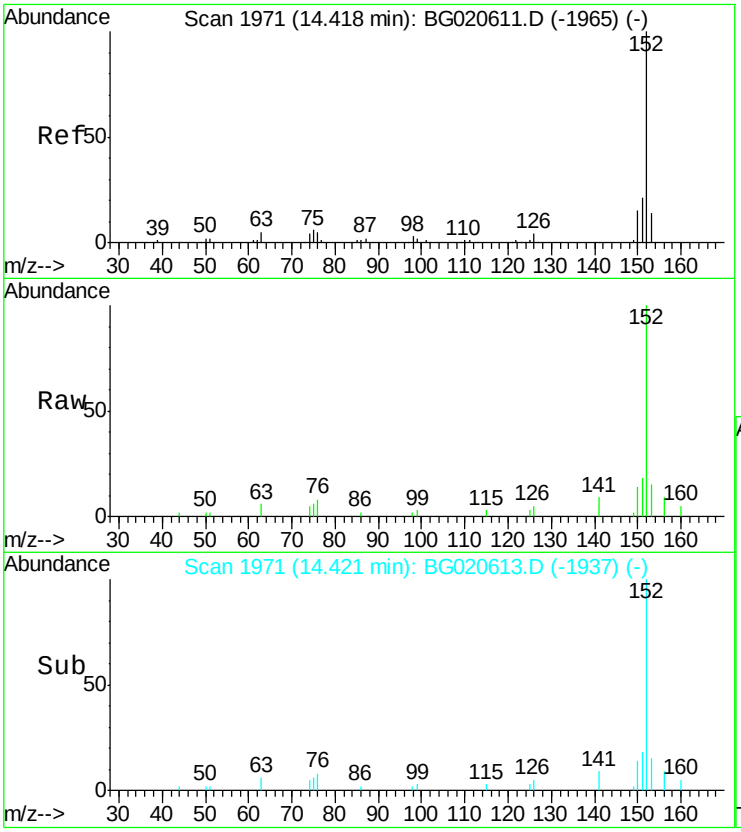


#45
Dimethylphthalate
Concen: 1.22 ng/ul
RT: 14.14 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:163 Resp: 6290

Ion	Ratio	Lower	Upper
163	100		
194	6.2	4.0	6.0#
164	10.6	8.4	12.6



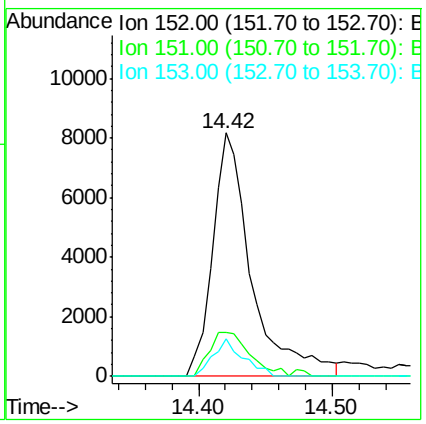


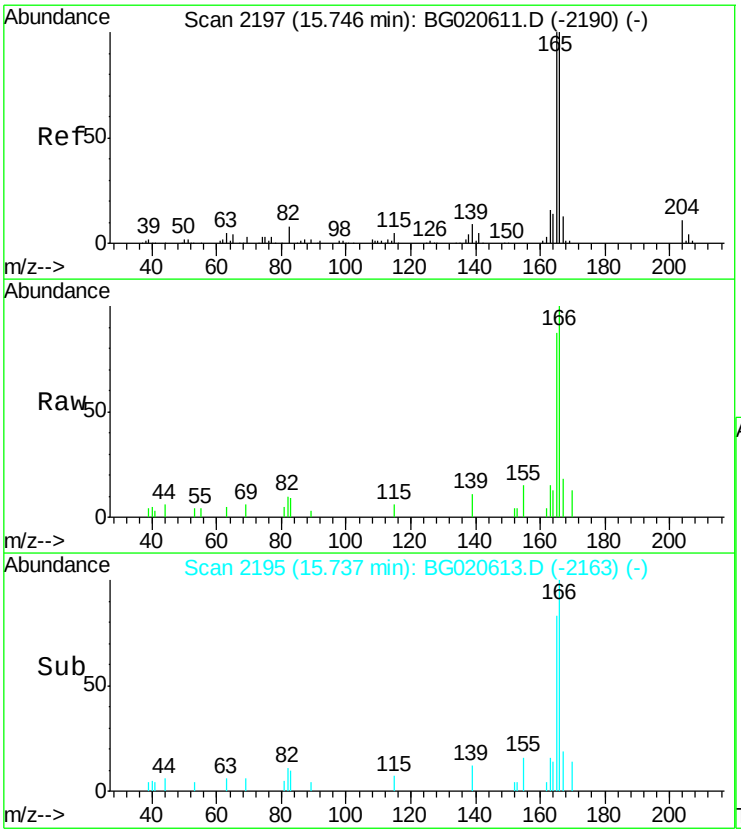
#48
Acenaphthylene
Concen: 2.72 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:152 Resp: 16650

Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.1	24.1
153	15.2	10.8	16.2

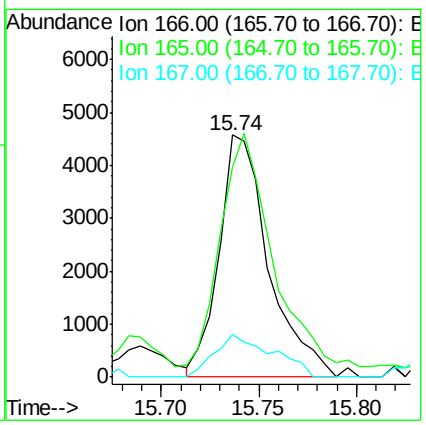


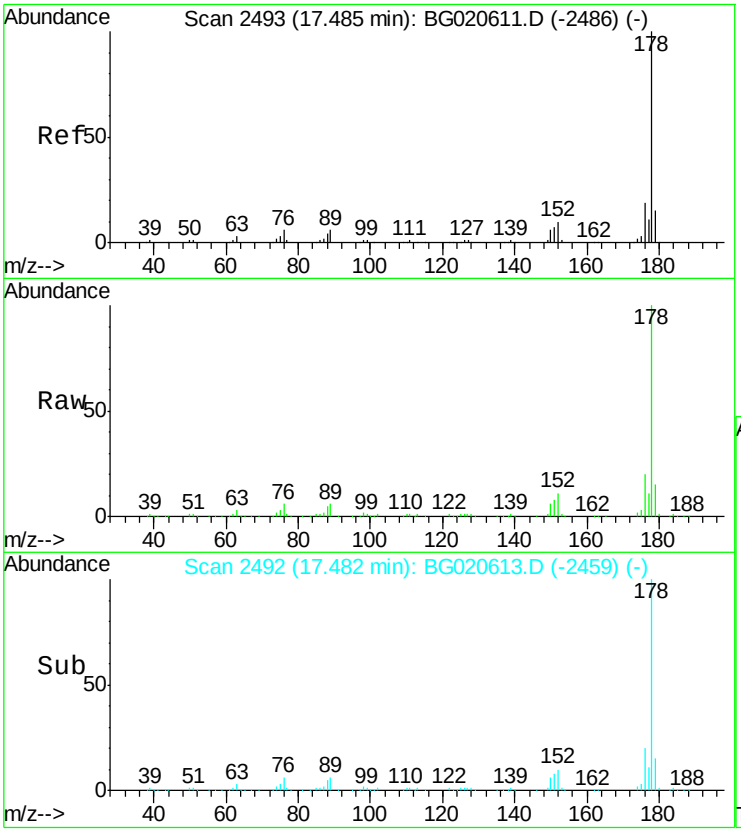


#59
Fluorene
Concen: 1.60 ng/ul
RT: 15.74 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:166 Resp: 8052

Ion	Ratio	Lower	Upper
166	100		
165	86.9	78.4	117.6
167	17.6	11.1	16.7#



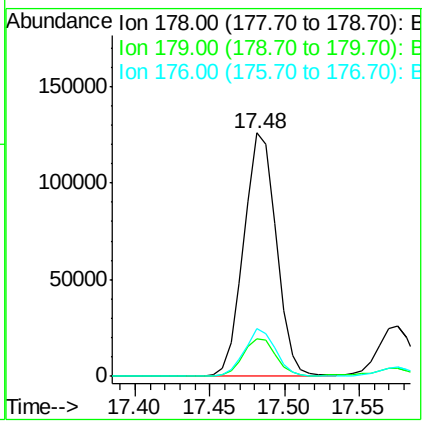


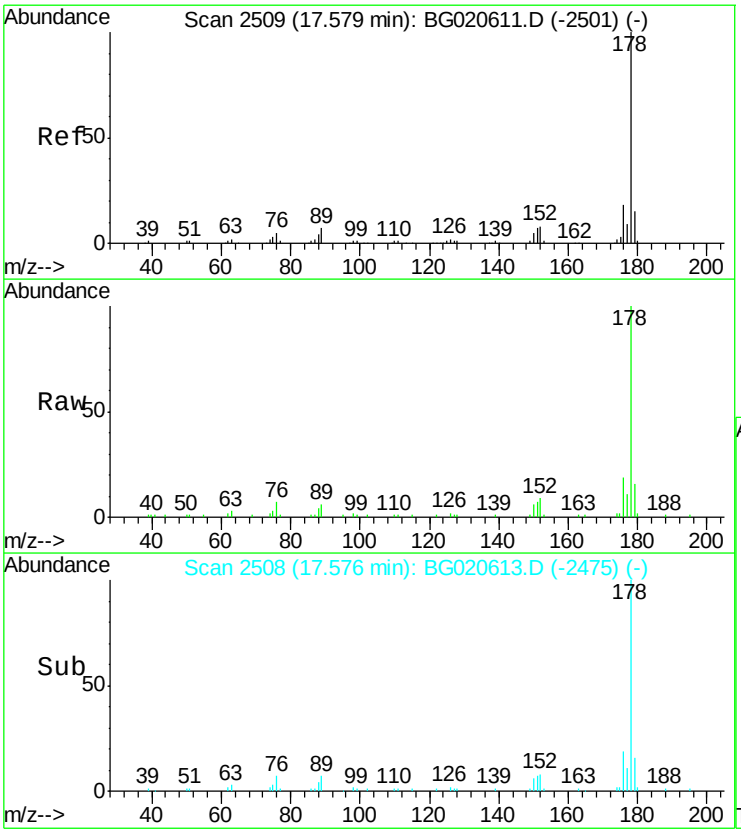
#70
Phenanthrene
Concen: 22.82 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:178 Resp: 189605

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.7	15.4	23.0

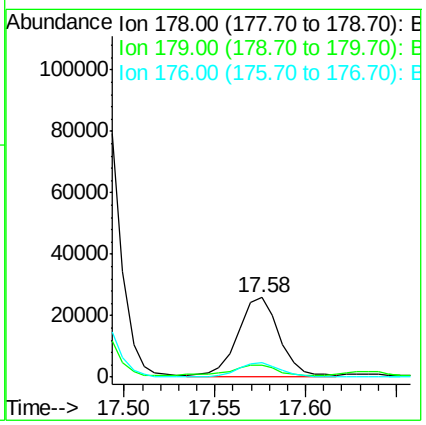


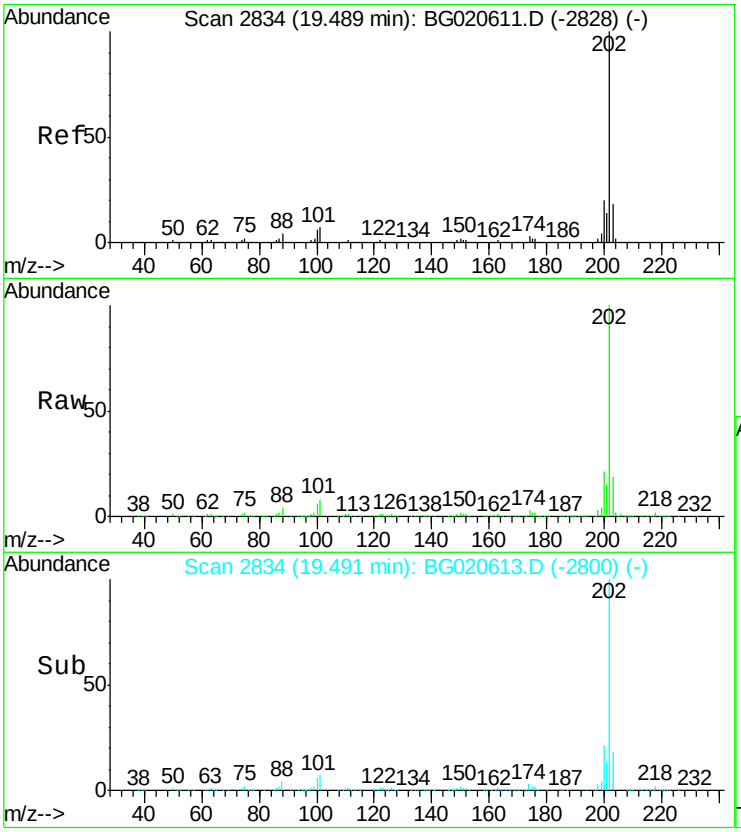


#72
Anthracene
Concen: 4.83 ng/ul
RT: 17.58 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:178 Resp: 41041

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.7	15.4	23.0



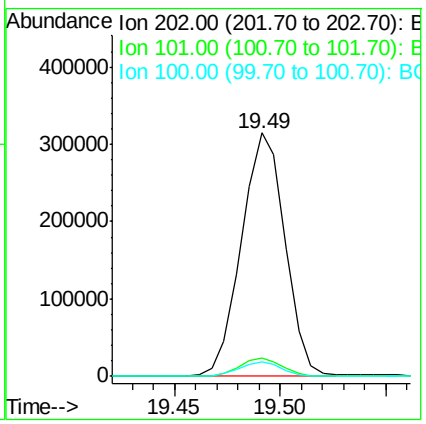


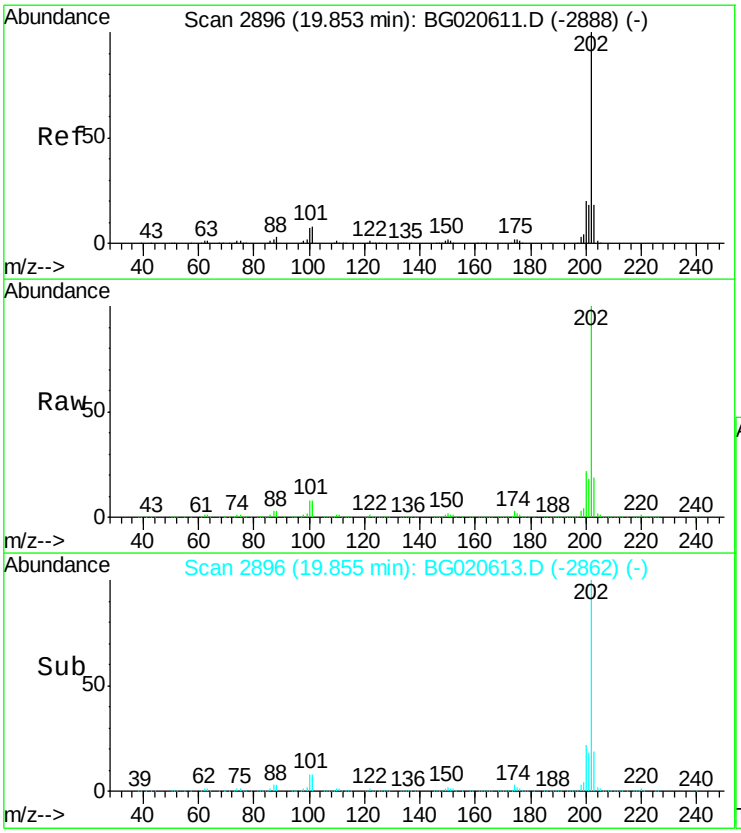
#77
Fluoranthene
Concen: 44.17 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:202 Resp: 448305

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.1	9.1
100	6.0	4.6	7.0

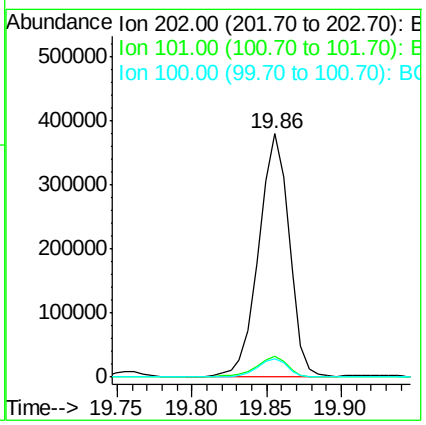


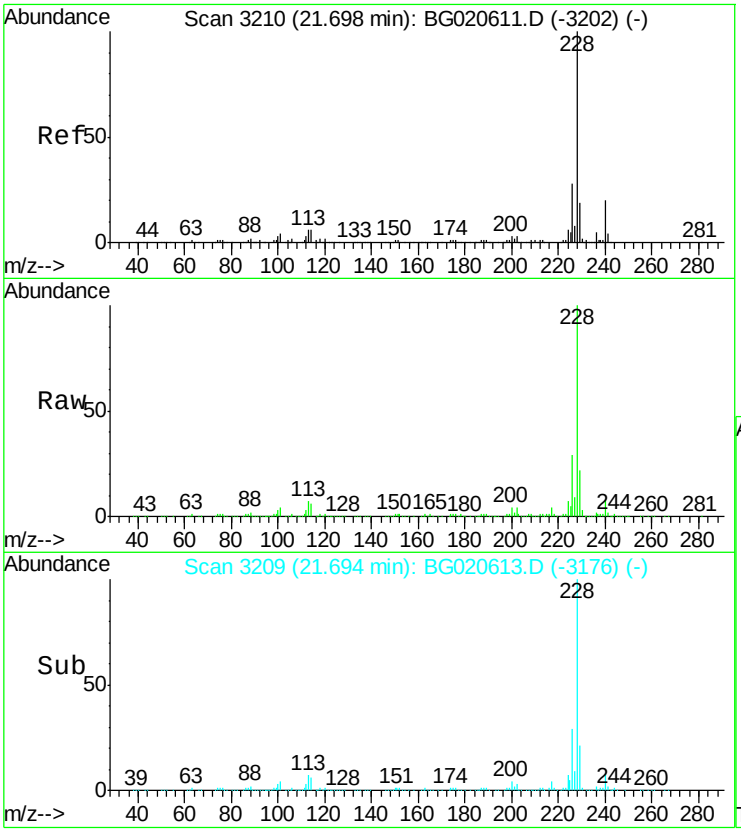


#80
Pyrene
Concen: 52.29 ng/ul
RT: 19.86 min Scan# 2896
Delta R.T. 0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:202 Resp: 534509

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



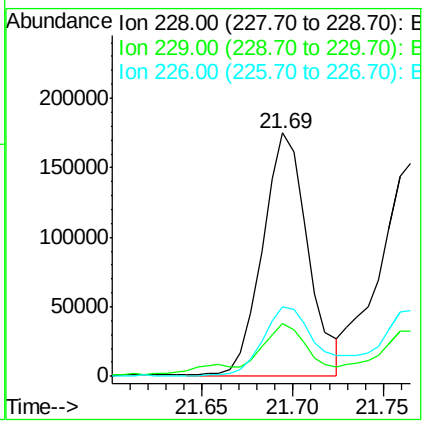


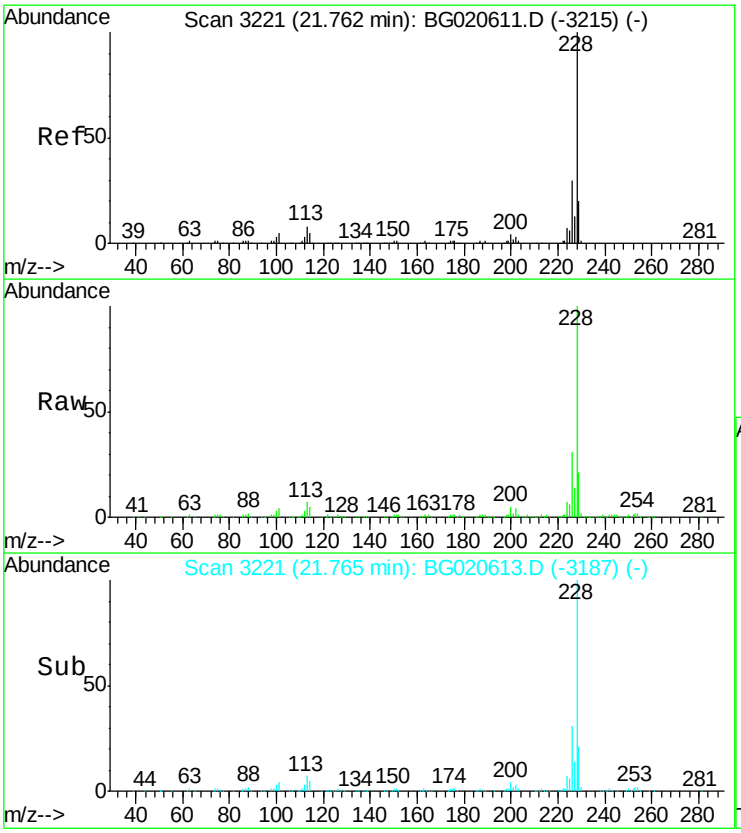
#83
Benzo(a)anthracene
Concen: 29.61 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:228 Resp: 305745

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.0	24.0
226	28.7	21.8	32.8

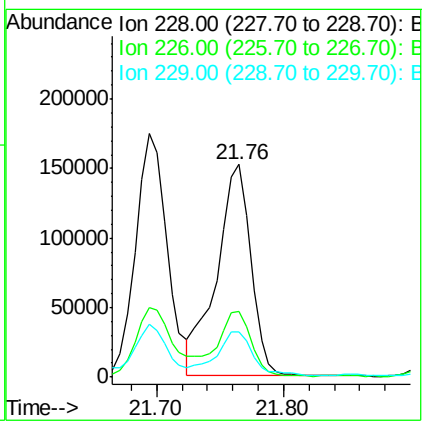


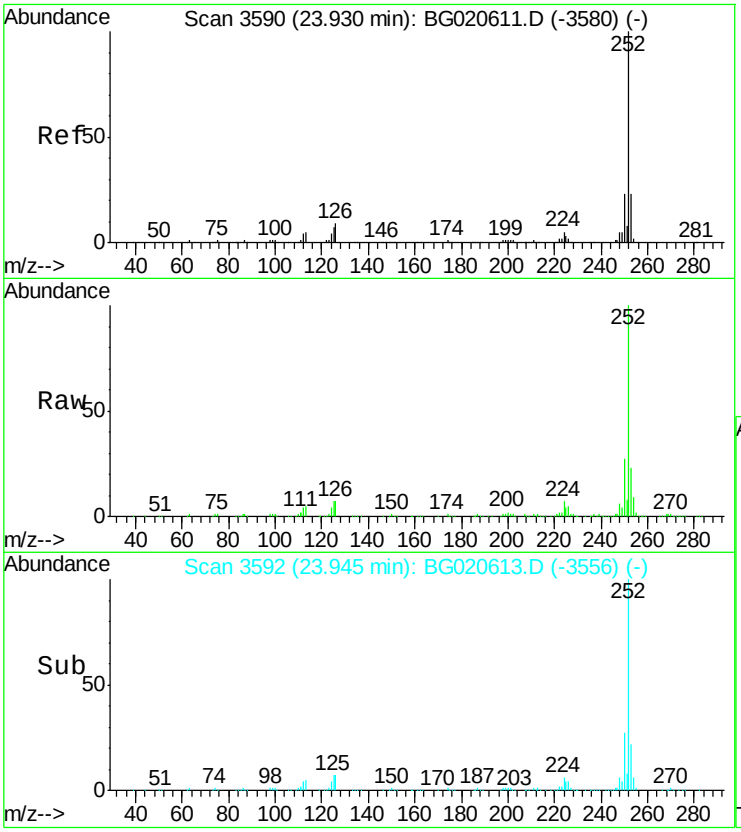


#85
Chrysene
Concen: 29.38 ng/ul
RT: 21.76 min Scan# 3221
Delta R.T. 0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:228 Resp: 285531

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	21.4	16.0	24.0



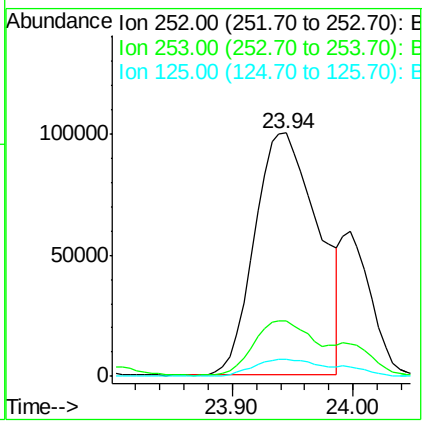


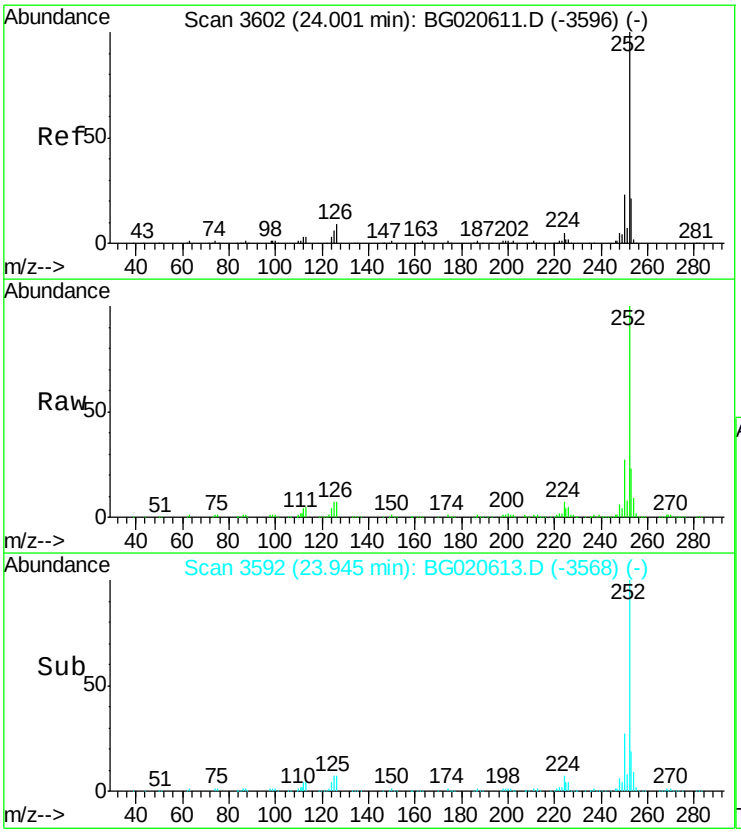
#88
Benzo(b)fluoranthene
Concen: 34.82 ng/ul
RT: 23.94 min Scan# 3592
Delta R.T. 0.01 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:252 Resp: 363426

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	7.1	4.9	7.3

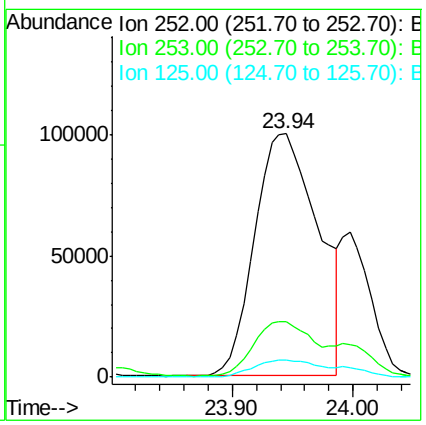


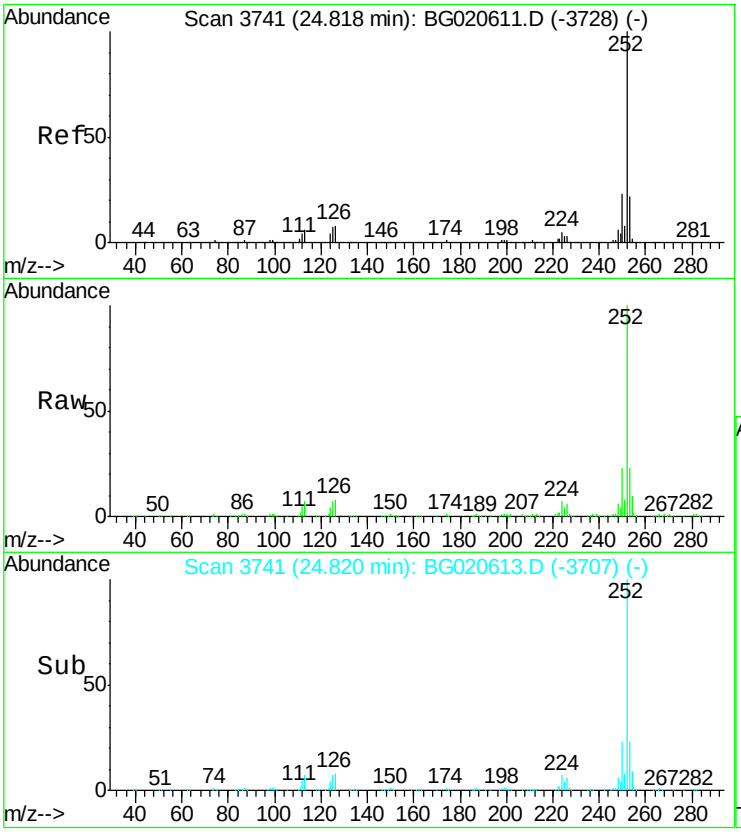


#89
Benzo(k)fluoranthene
Concen: 36.33 ng/ul
RT: 23.94 min Scan# 3592
Delta R.T. -0.06 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:252 Resp: 363426

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	7.1	5.4	8.0



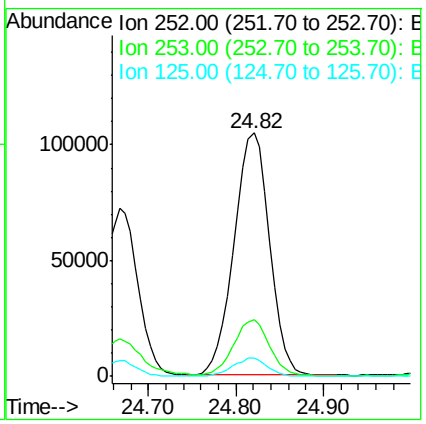


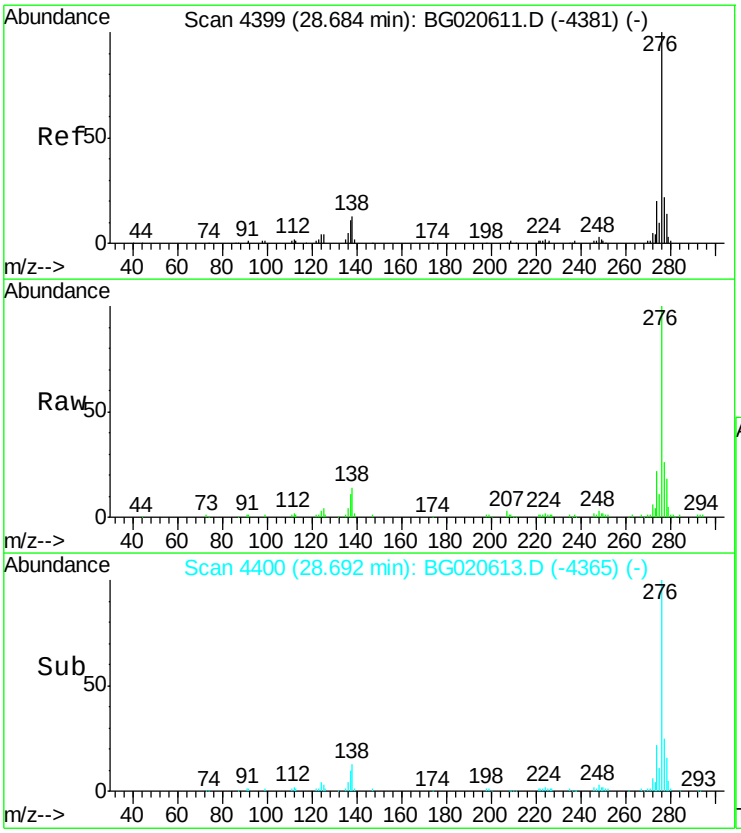
#91
Benzo(a)pyrene
Concen: 28.59 ng/ul
RT: 24.82 min Scan# 3741
Delta R.T. 0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:252 Resp: 286760

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	7.4	5.8	8.6

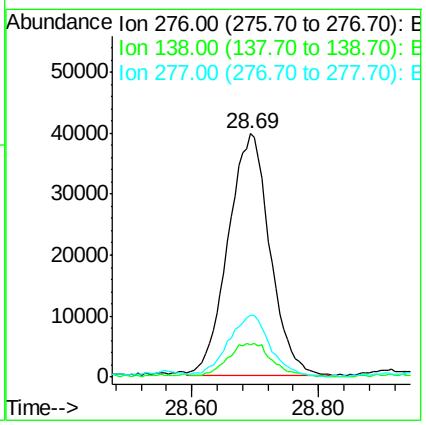


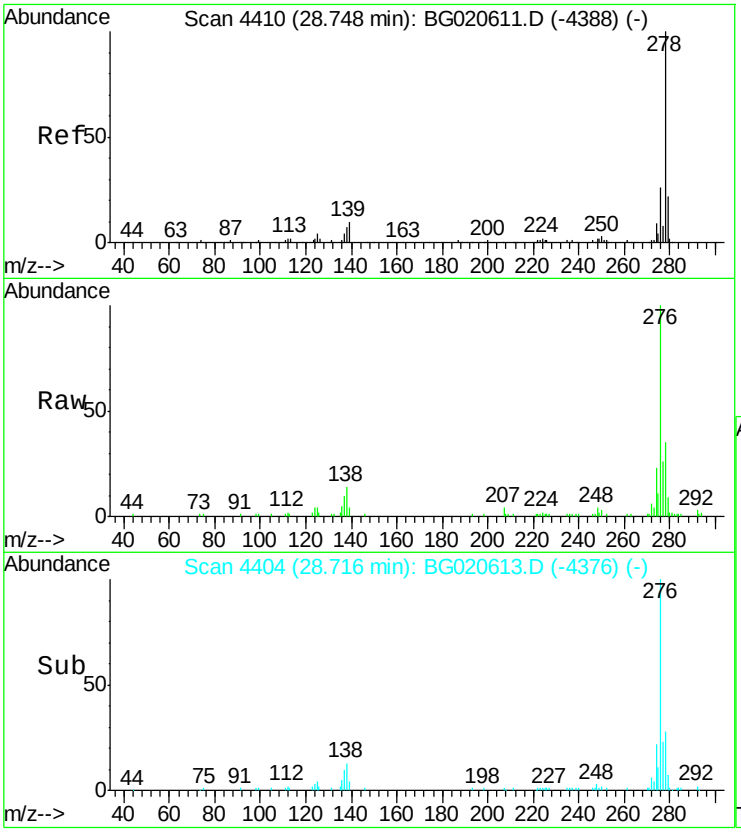


#92
Indeno(1,2,3-cd)pyrene
Concen: 15.15 ng/ul
RT: 28.69 min Scan# 4400
Delta R.T. 0.01 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:276 Resp: 181193

Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.9	16.3
277	25.6	18.9	28.3



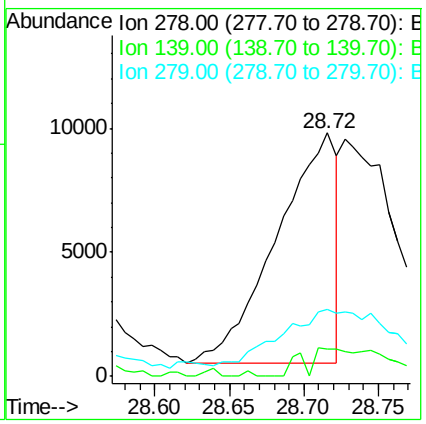


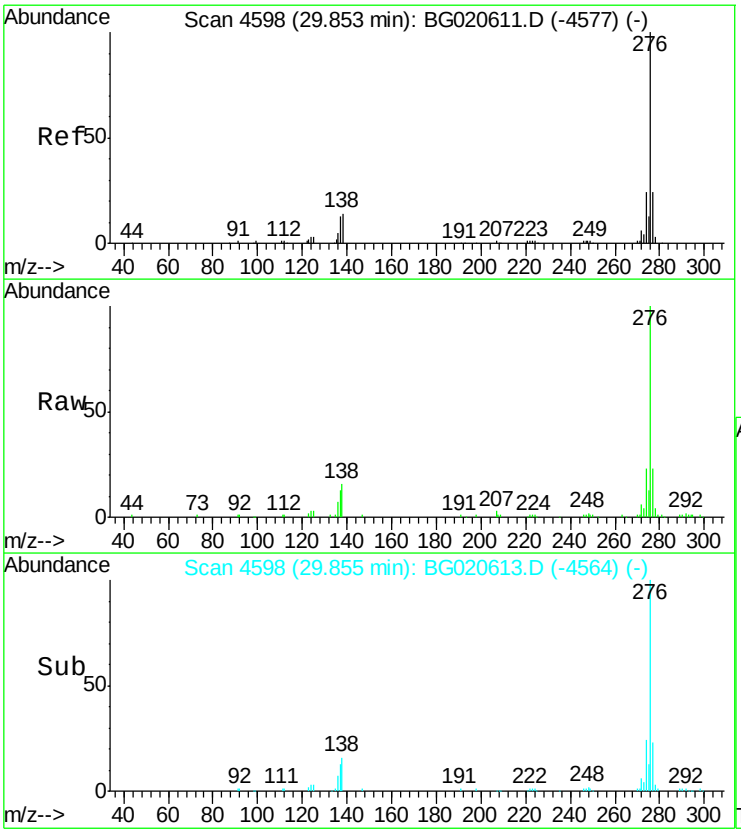
#93
Dibenzo(a,h)anthracene
Concen: 2.60 ng/ul
RT: 28.72 min Scan# 4404
Delta R.T. -0.03 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Instrument :
BNA_G
ClientSampleId :
G9D94DL

Tgt Ion:278 Resp: 25907

Ion	Ratio	Lower	Upper
278	100		
139	11.0	9.0	13.4
279	27.3	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 18.37 ng/ul
RT: 29.86 min Scan# 4598
Delta R.T. 0.00 min
Lab File: BG020613.D
Acq: 30 Dec 2015 17:53

Tgt Ion:276 Resp: 180535

Ion	Ratio	Lower	Upper
276	100		
138	15.6	11.2	16.8
277	23.5	19.0	28.6