Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020615.D
Acq On : 30 Dec 2015 19:11
Operator : UM/SJ
Sample : G4802-21DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D96DL

Quant Time: Dec 31 01:09:41 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	21236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	98913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	76460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	192858	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	235820	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	230424	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	434	1.22	ng/uL	0.00
5) Phenol-d5	7.22	99	13516	7.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	8895	8.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	11669	8.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	11353	7.38	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	6527	8.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	6925	7.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	13126	7.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	12415	6.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	57282	9.15	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	64395	9.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4648	4.74	ng/ul	0.00
58) Fluorene-d10	15.68	176	52831	9.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	5112	4.37	ng/ul	0.00
71) Anthracene-d10	17.54	188	84429	9.40	ng/ul	0.00
79) Pyrene-d10	19.83	212	103401	9.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	109391	9.52	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.92	128	35043	6.69	ng/ul	97
30) 4-Chloroaniline	10.92	127	4521	2.20	ng/ul#	1
35) 1-Methylnaphthalene	12.75	142	121807	32.20	ng/ul	98
41) 1,1'-Biphenyl	13.53	154	32588	5.66	ng/ul	97
45) Dimethylphthalate	14.14	163	17096	2.67	ng/ul	99
48) Acenaphthylene	14.42	152	23666	3.13	ng/ul#	91
50) Acenaphthene	14.76	153	72055	14.07	ng/ul	98
54) Dibenzofuran	15.09	168	12454	1.61	ng/ul	99
59) Fluorene	15.74	166	75877	12.18	ng/ul	94
70) Phenanthrene	17.49	178	422279	40.27	ng/ul	99
72) Anthracene	17.58	178	96500	9.00	ng/ul	98
77) Fluoranthene	19.49	202	146852	11.46	ng/ul	100
80) Pyrene	19.86	202	224252	16.42	ng/ul	99
83) Benzo(a)anthracene	21.69	228	85957	6.23	ng/ul	95
85) Chrysene	21.76	228	71568	5.51	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	55671	4.07	ng/ul	99
89) Benzo(k)fluoranthene	23.94	252	55671	4.25	ng/ul	99
91) Benzo(a)pyrene	24.81	252	68628	5.22	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.67	276	15972	1.02	ng/ul#	88
94) Benzo(g,h,i)perylene	29.84	276	19195	1.49	ng/ul#	93

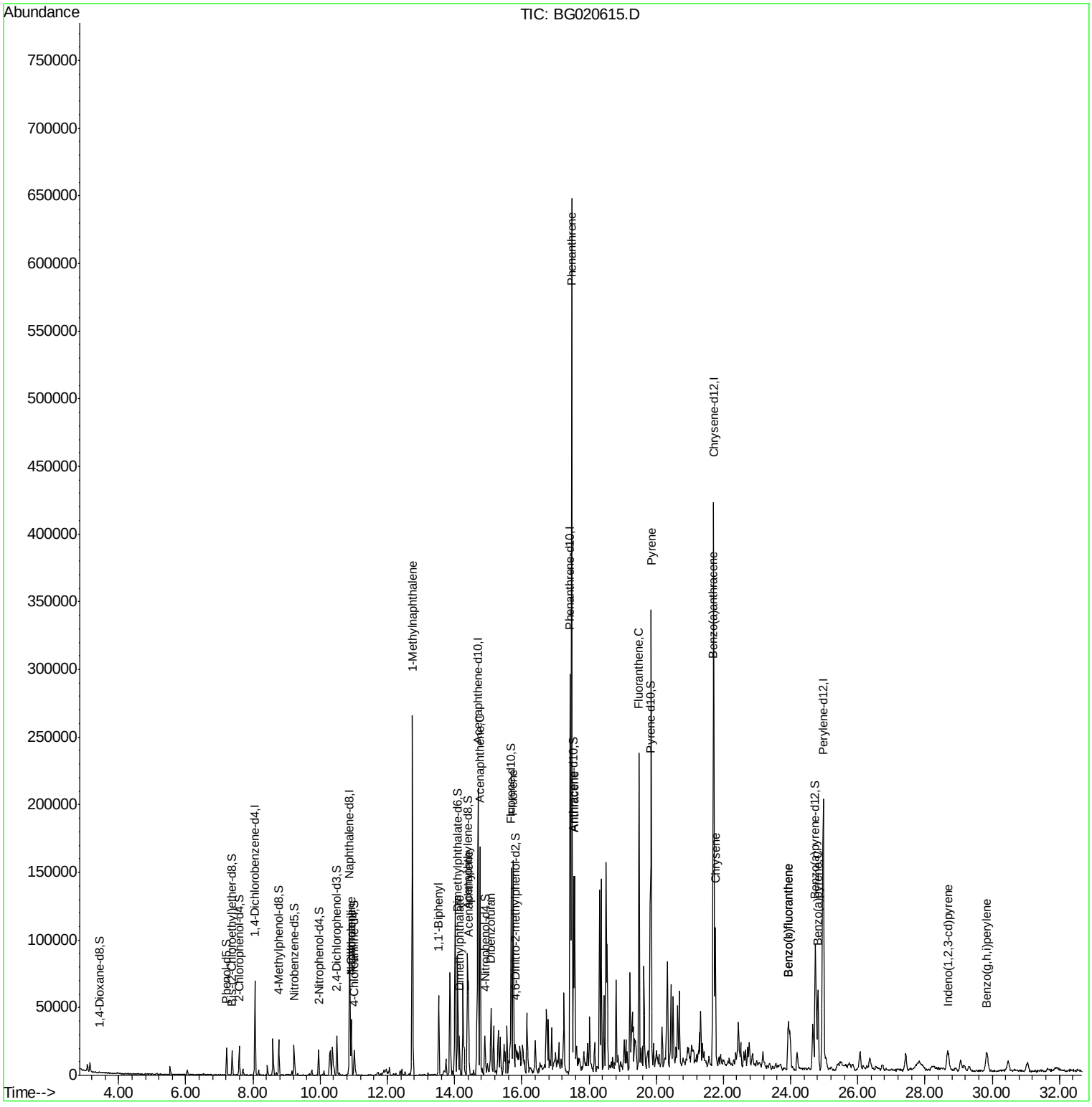
(#) = qualifier out of range (m) = manual integration (+) = signals summed

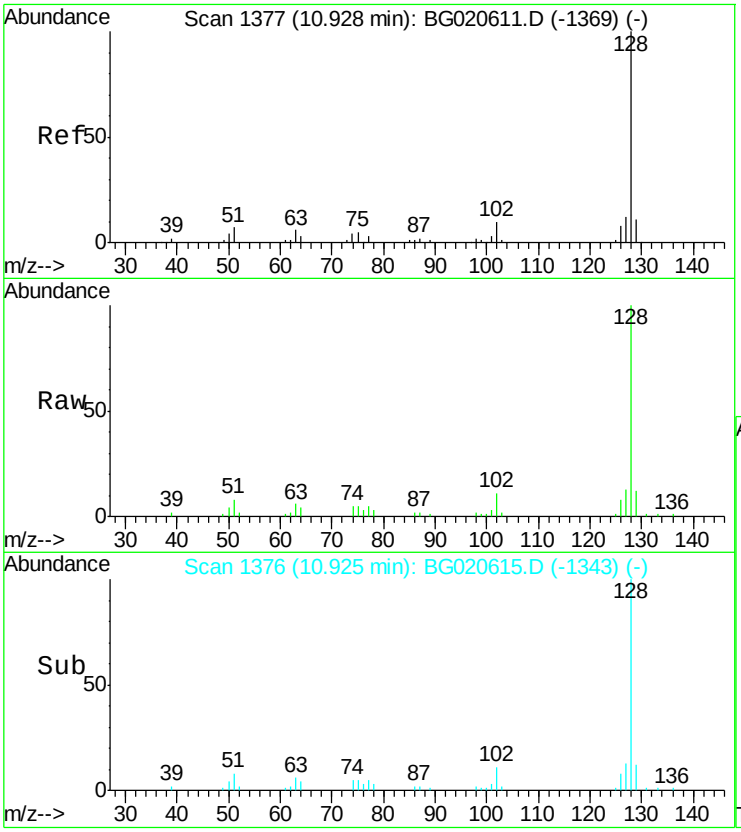
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020615.D
Acq On : 30 Dec 2015 19:11
Operator : UM/SJ
Sample : G4802-21DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Quant Time: Dec 31 01:09:41 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



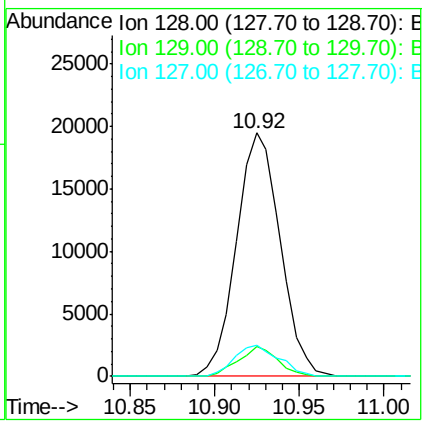


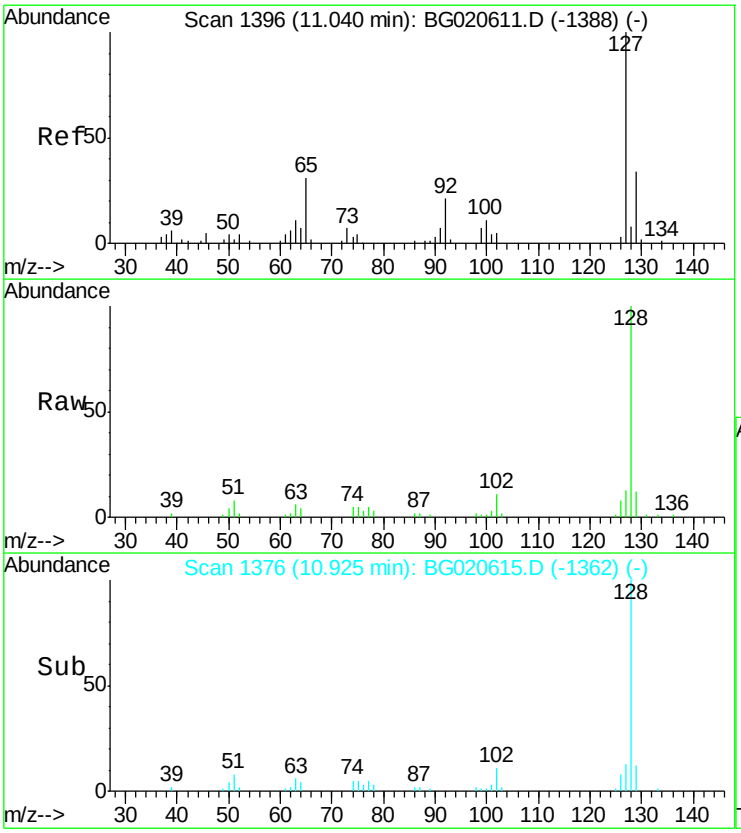
#28
Naphthalene
Concen: 6.69 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:128 Resp: 35043

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.3	12.5
127	12.7	10.8	16.2

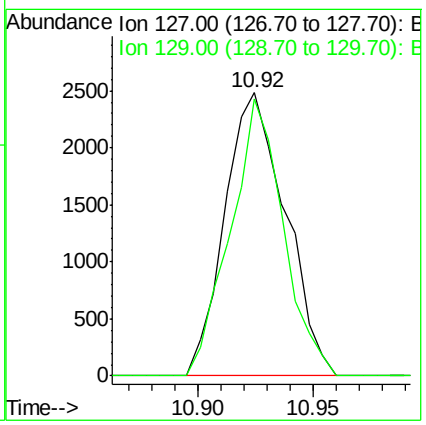


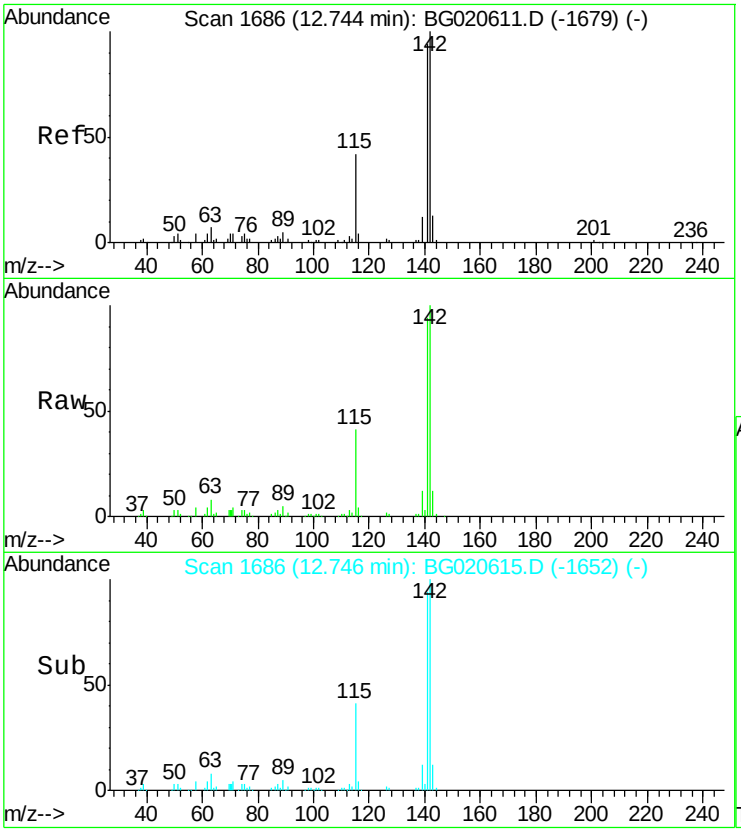


#30
4-Chloroaniline
Concen: 2.20 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.12 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:127 Resp: 4521

Ion	Ratio	Lower	Upper
127	100		
129	97.7	24.6	37.0#



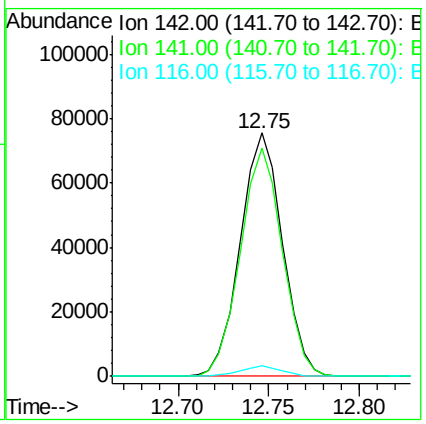


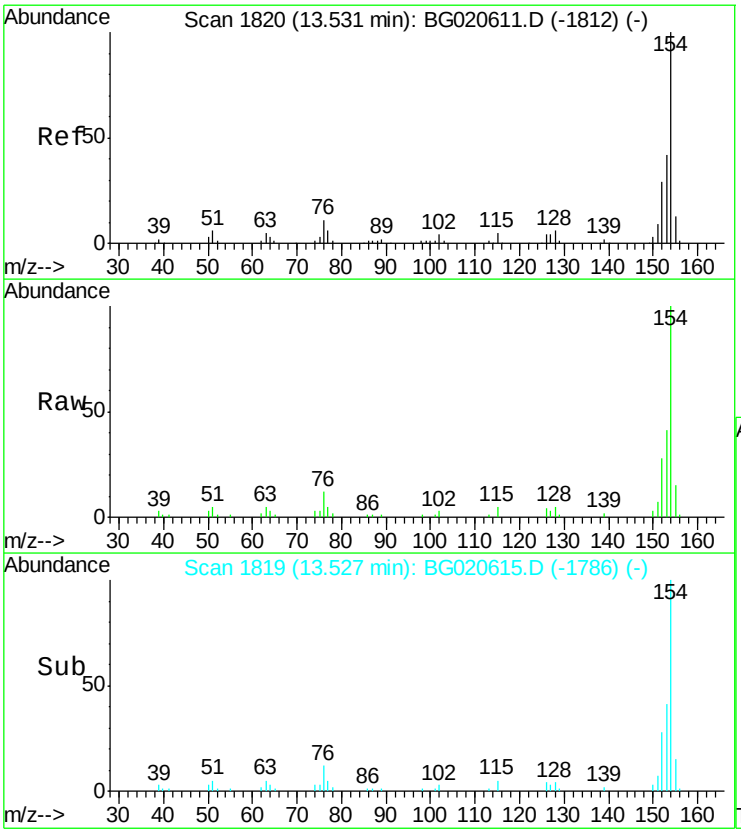
#35
1-Methylnaphthalene
Concen: 32.20 ng/ul
RT: 12.75 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:142 Resp: 121807

Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.6	115.0
116	4.2	3.6	5.4

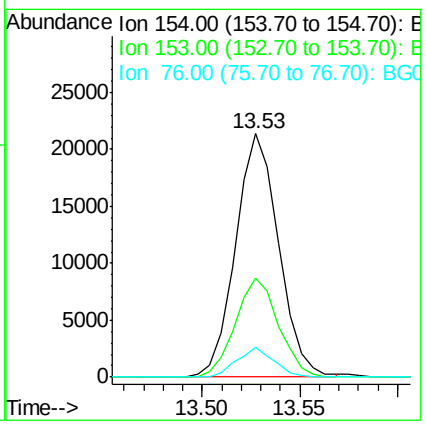


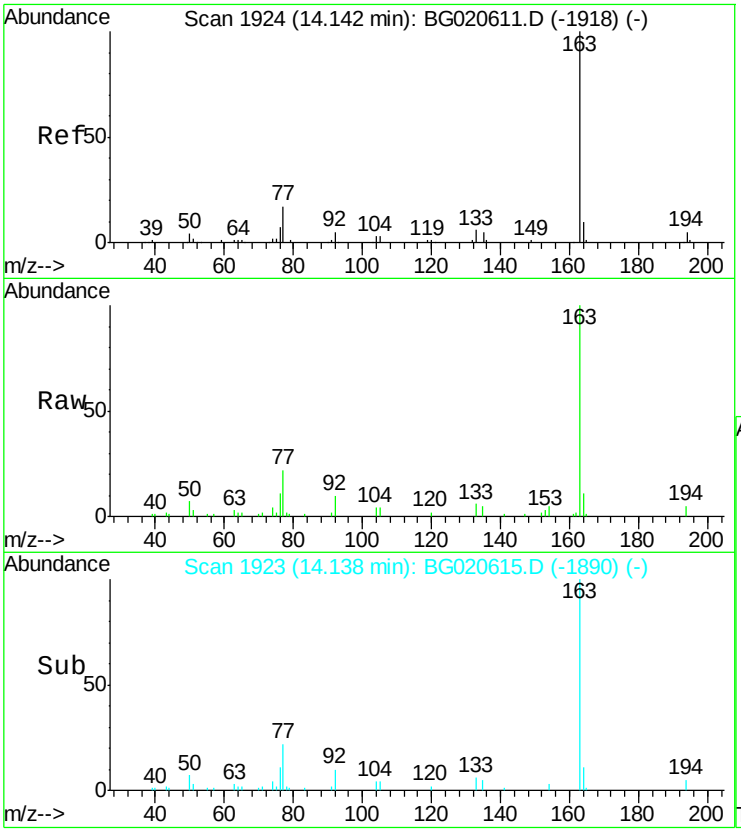


#41
1,1'-Biphenyl
Concen: 5.66 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:154 Resp: 32588

Ion	Ratio	Lower	Upper
154	100		
153	40.7	34.0	51.0
76	12.0	8.4	12.6



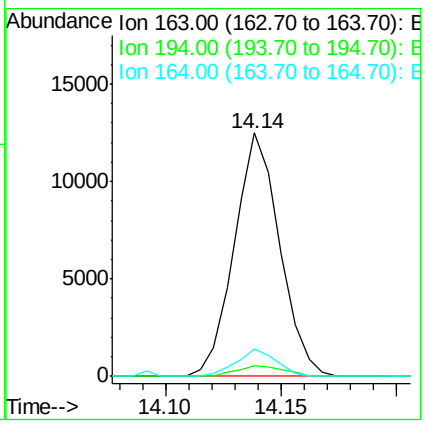


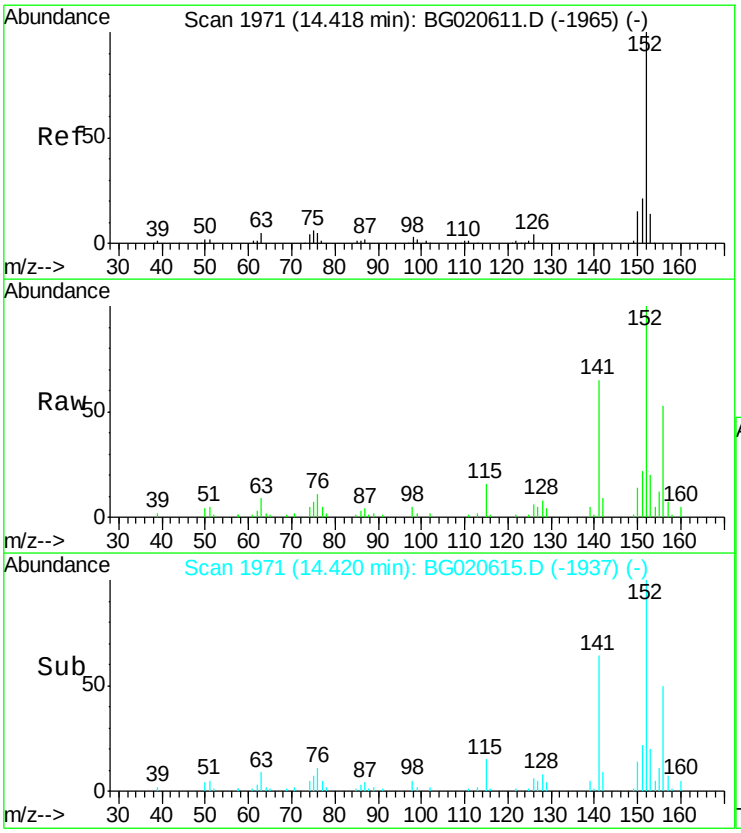
#45
Dimethylphthalate
Concen: 2.67 ng/ul
RT: 14.14 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:163 Resp: 17096

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.0	6.0
164	11.0	8.4	12.6

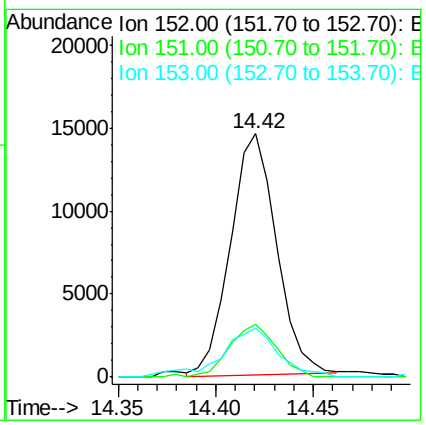


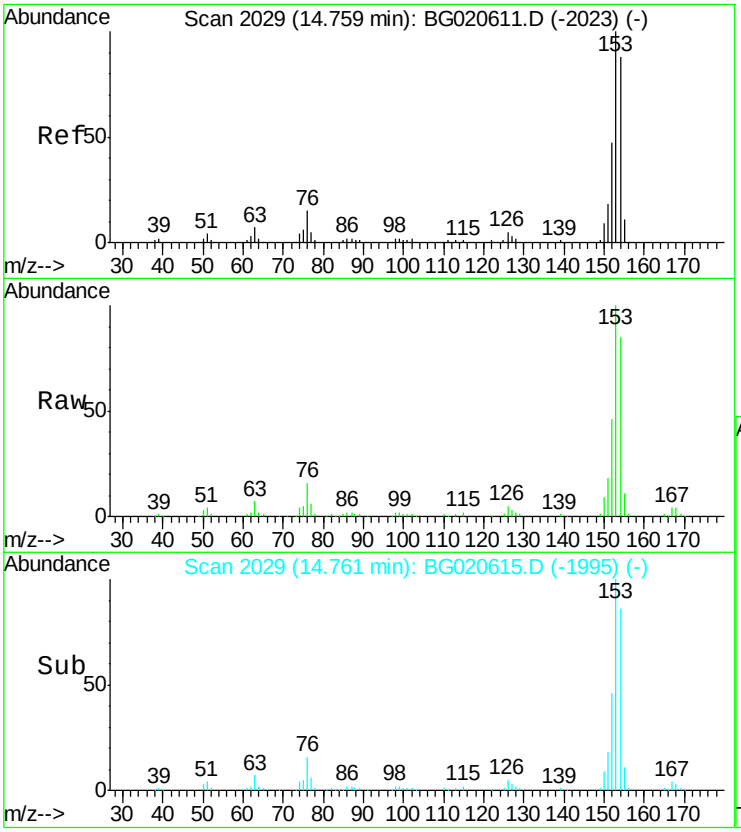


#48
Acenaphthylene
Concen: 3.13 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:152 Resp: 23666

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.1	24.1
153	20.3	10.8	16.2#



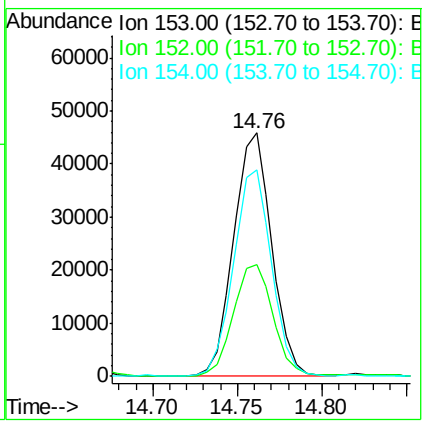


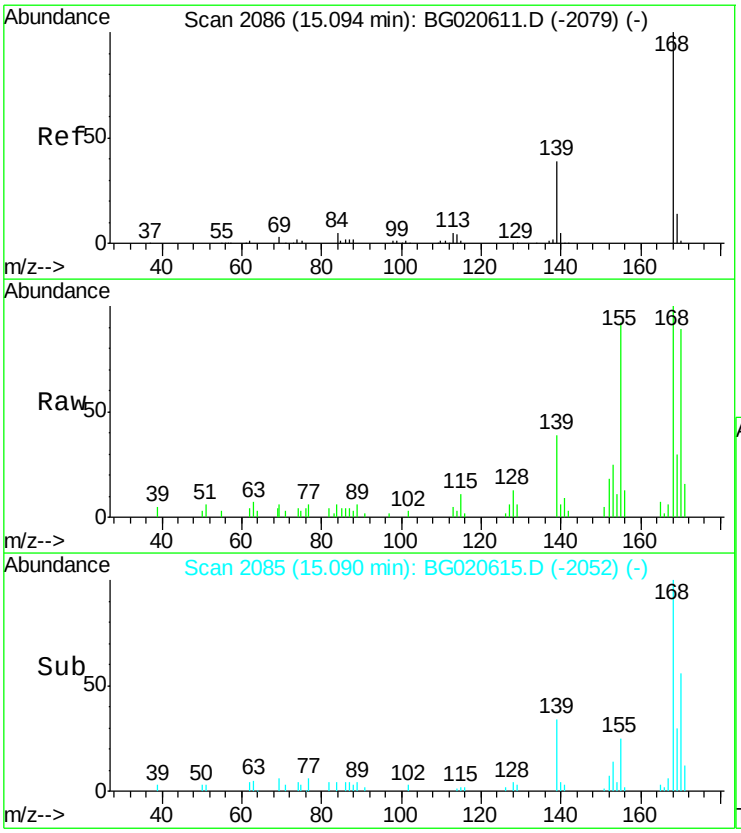
#50
Acenaphthene
Concen: 14.07 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:153 Resp: 72055

Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.9	56.9
154	85.0	69.8	104.6

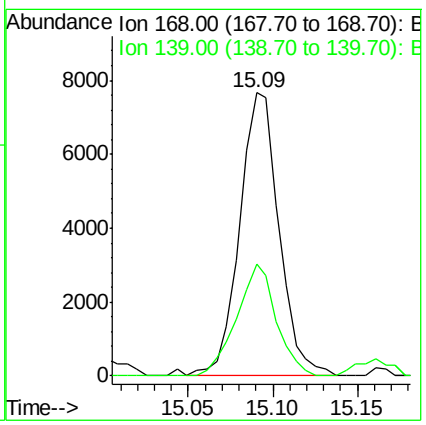


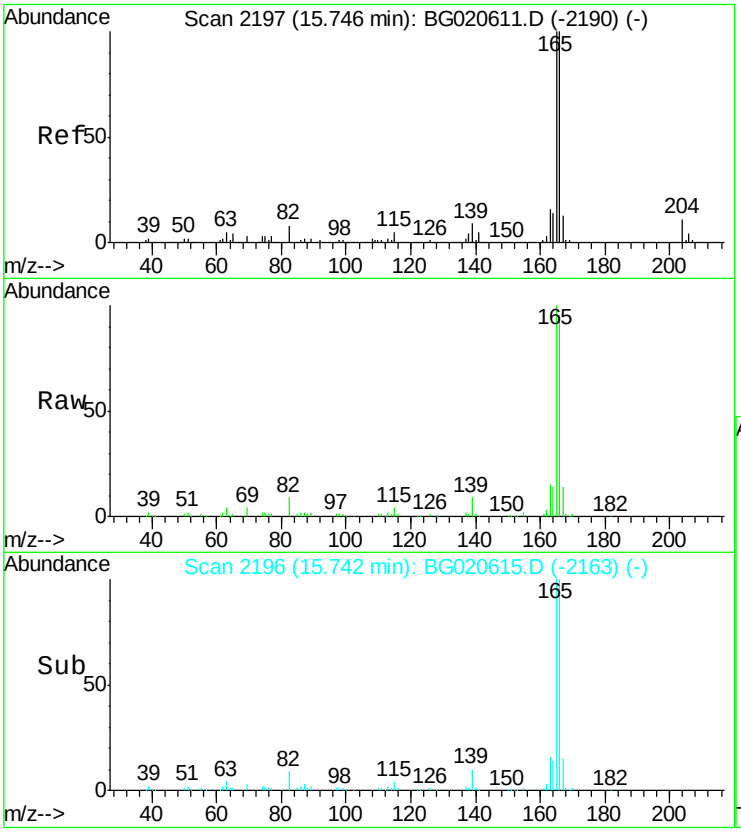


#54
Dibenzofuran
Concen: 1.61 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:168 Resp: 12454

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.0	46.4



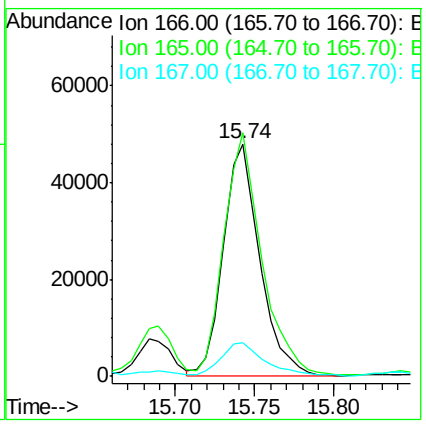


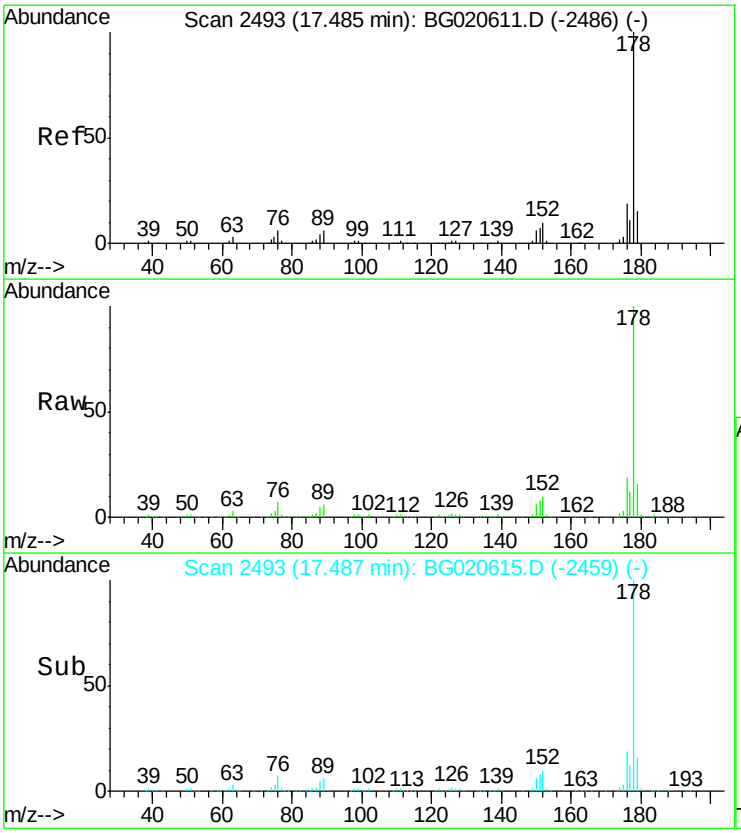
#59
Fluorene
Concen: 12.18 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:166 Resp: 75877

Ion	Ratio	Lower	Upper
166	100		
165	104.7	78.4	117.6
167	14.4	11.1	16.7

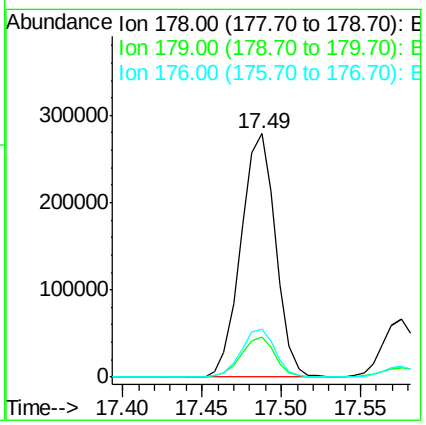


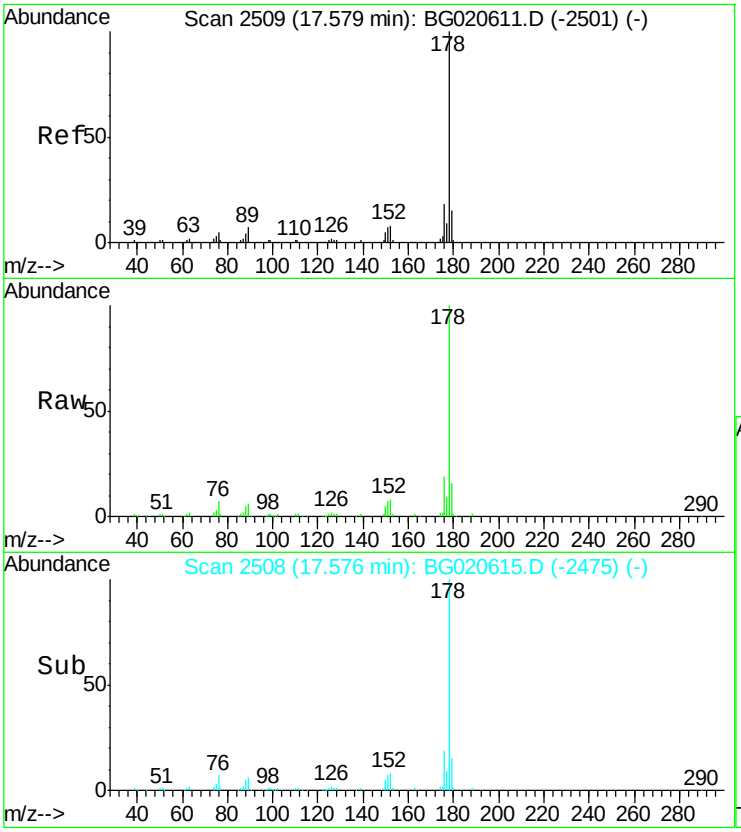


#70
Phenanthrene
Concen: 40.27 ng/ul
RT: 17.49 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:178 Resp: 422279

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.4	15.4	23.0



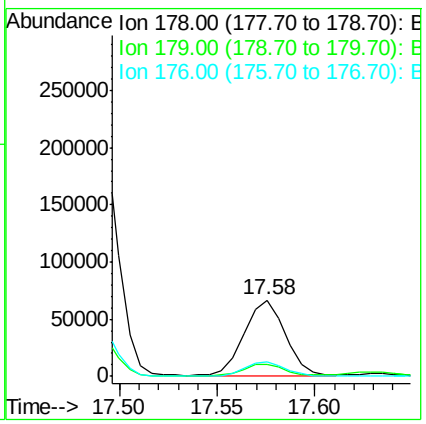


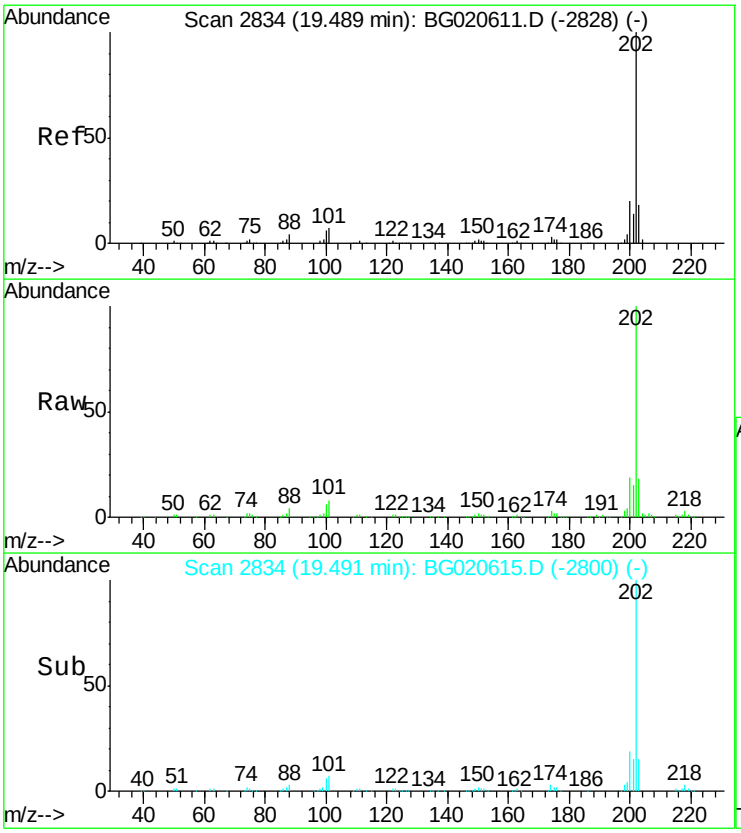
#72
Anthracene
Concen: 9.00 ng/ul
RT: 17.58 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:178 Resp: 96500

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.5	15.4	23.0

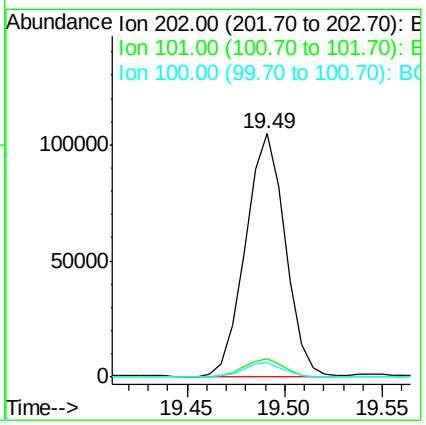


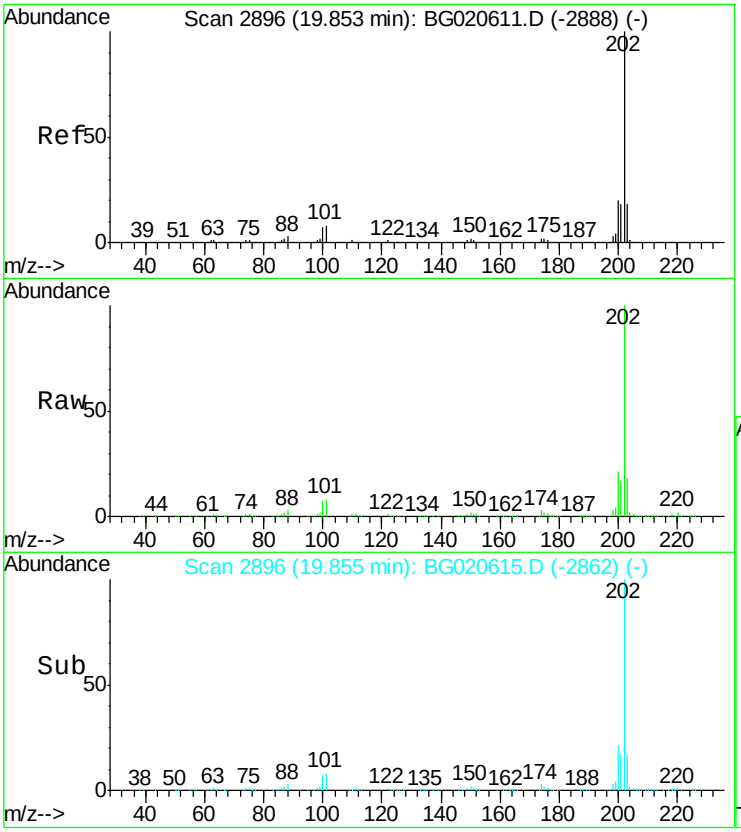


#77
Fluoranthene
Concen: 11.46 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:202 Resp: 146852

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	5.8	4.6	7.0



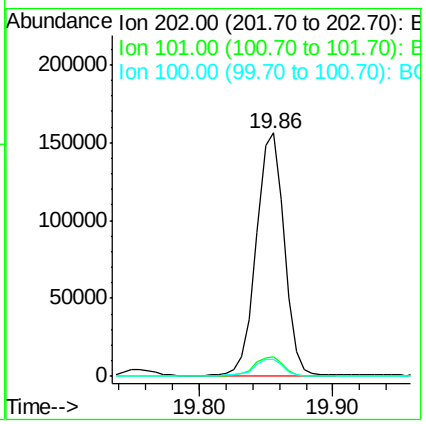


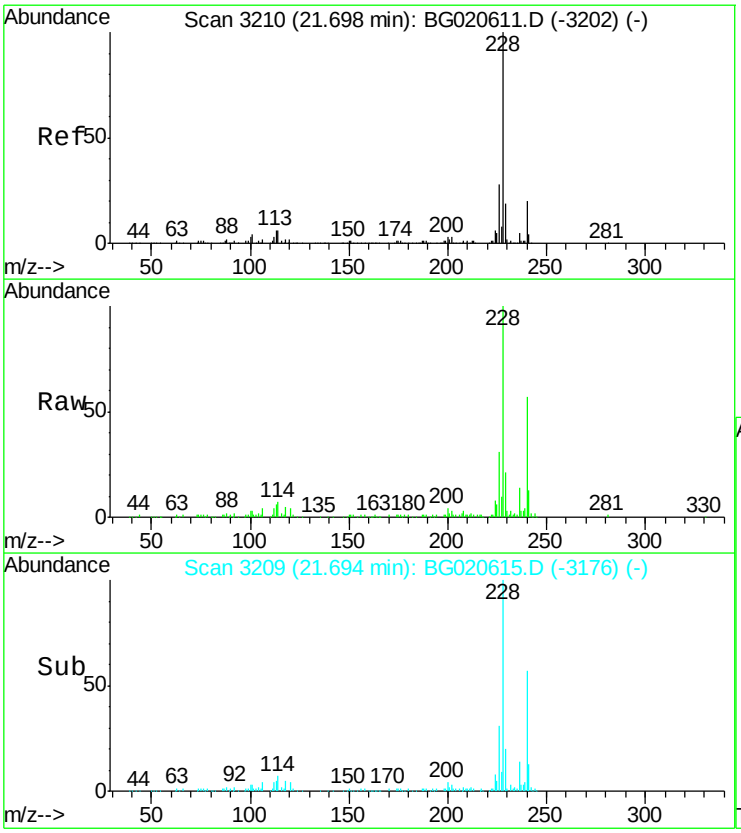
#80
Pyrene
Concen: 16.42 ng/ul
RT: 19.86 min Scan# 2896
Delta R.T. 0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:202 Resp: 224252

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.9	10.3
100	6.9	5.6	8.4

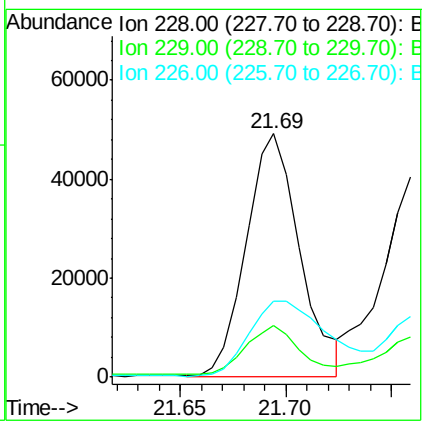


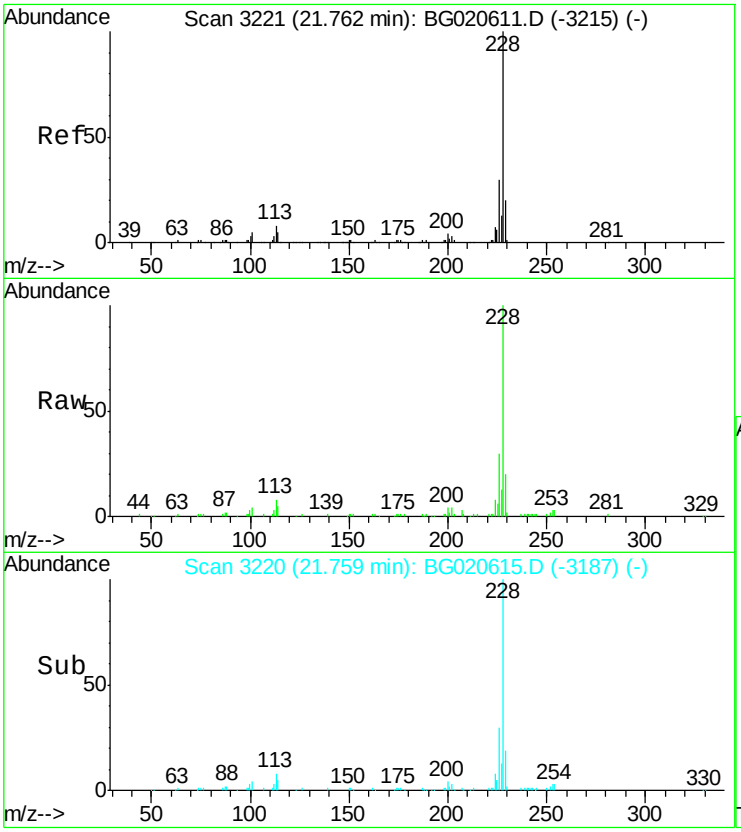


#83
Benzo(a)anthracene
Concen: 6.23 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:228 Resp: 85957

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	31.2	21.8	32.8



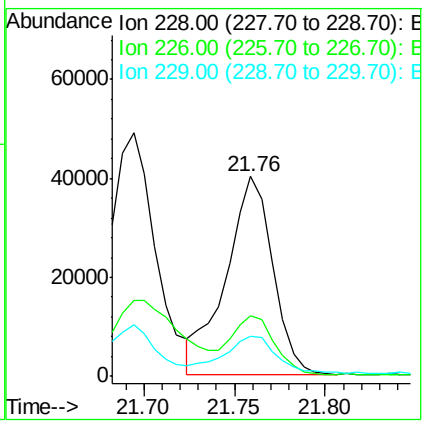


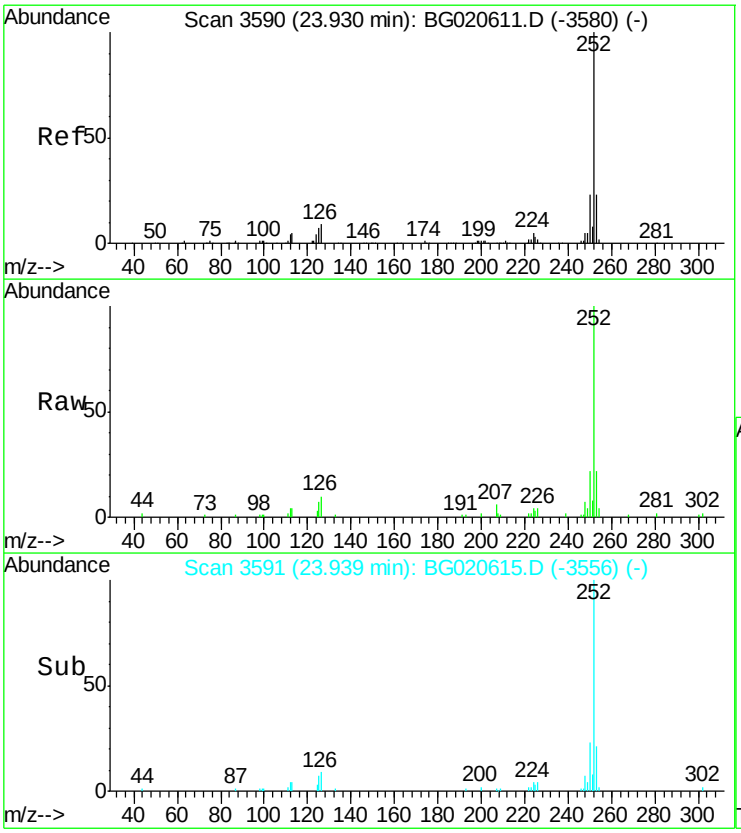
#85
Chrysene
Concen: 5.51 ng/ul
RT: 21.76 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:228 Resp: 71568

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.2	16.0	24.0

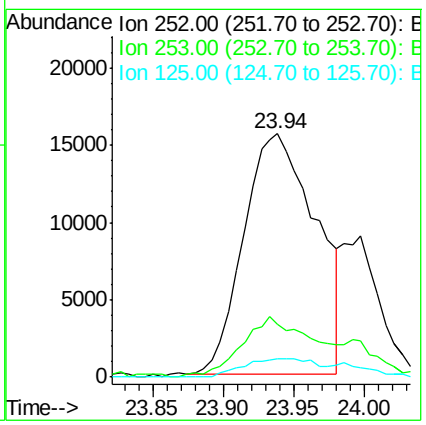


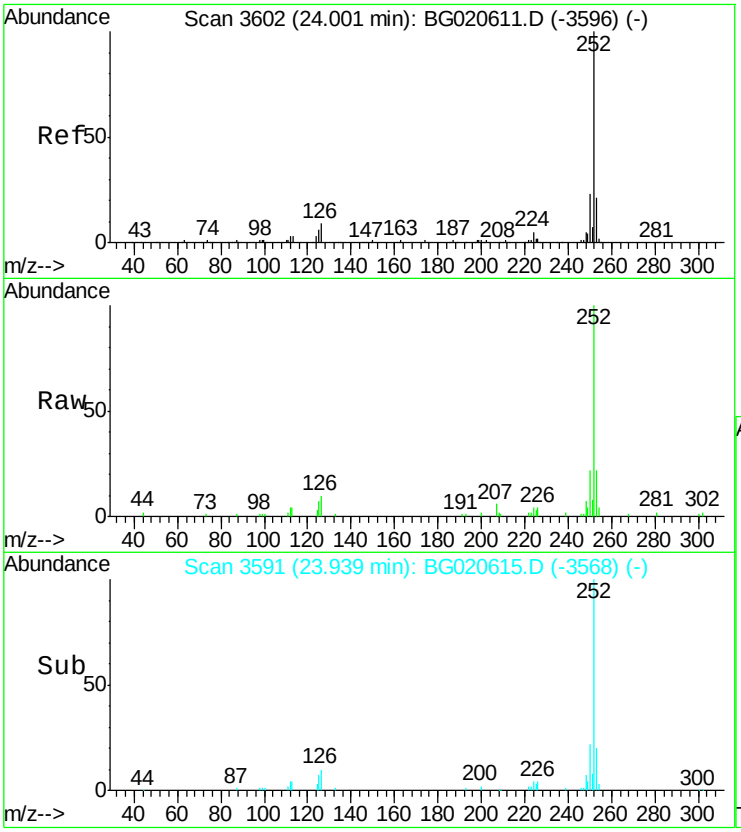


#88
Benzo(b)fluoranthene
Concen: 4.07 ng/ul
RT: 23.94 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:252 Resp: 55671

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	7.3	4.9	7.3



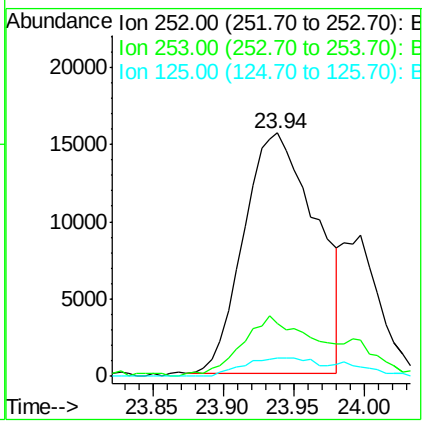


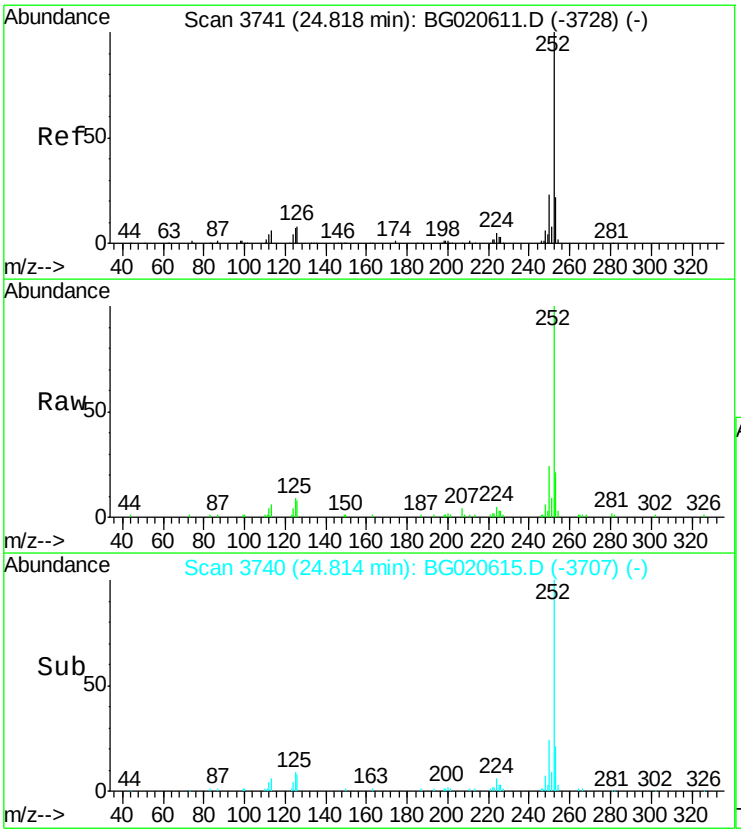
#89
Benzo(k)fluoranthene
Concen: 4.25 ng/ul
RT: 23.94 min Scan# 3591
Delta R.T. -0.06 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:252 Resp: 55671

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	7.3	5.4	8.0

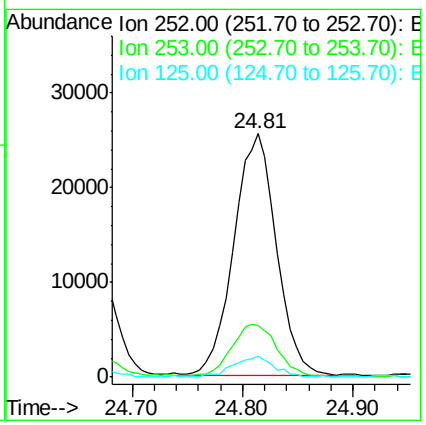


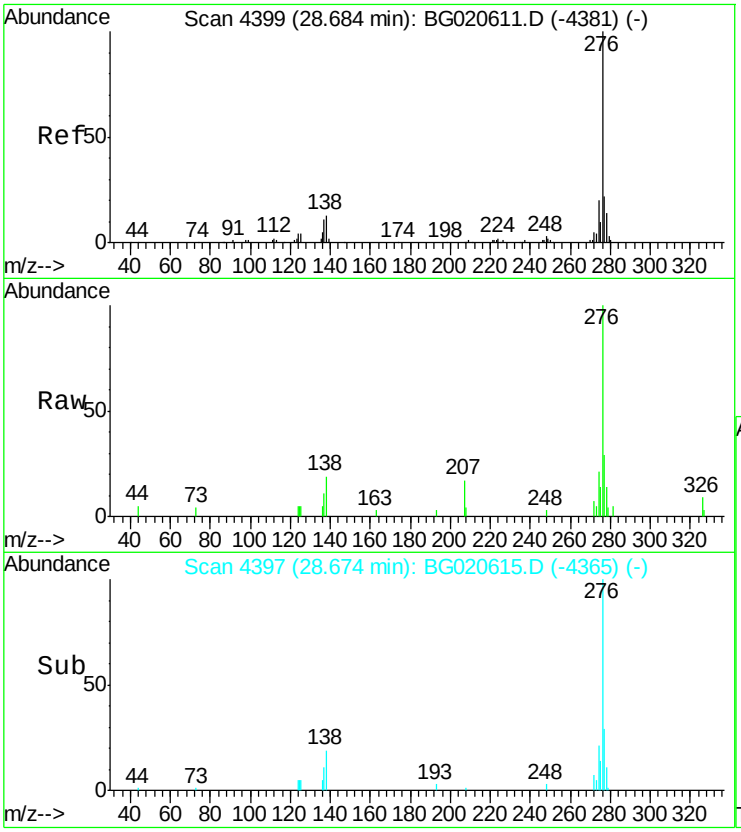


#91
Benzo(a)pyrene
Concen: 5.22 ng/ul
RT: 24.81 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:252 Resp: 68628

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	8.6	5.8	8.6



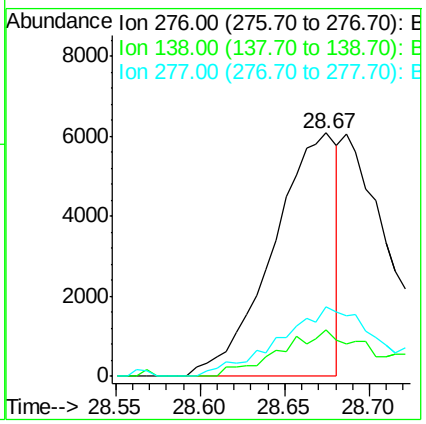


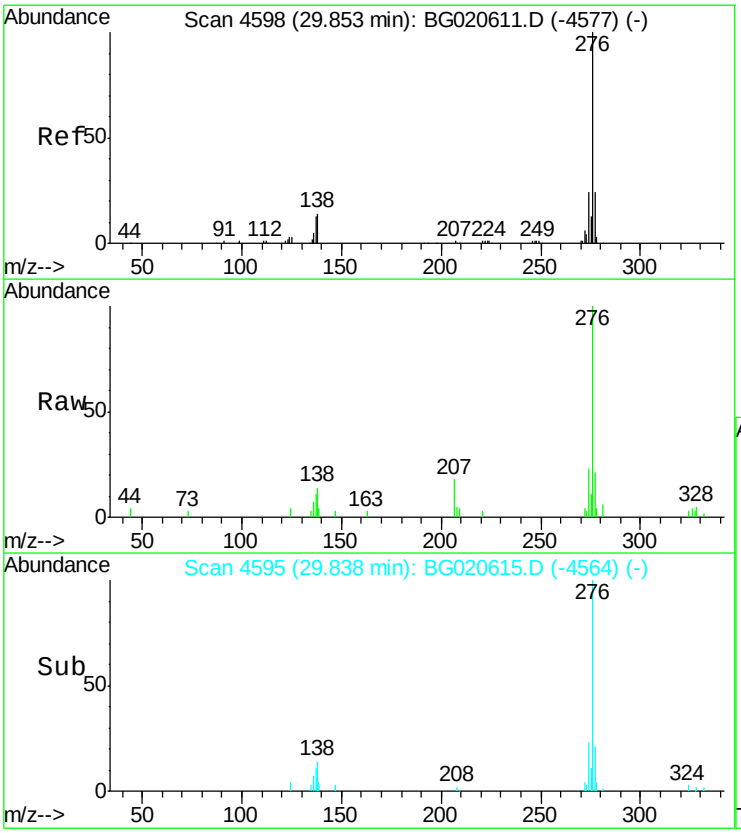
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.02 ng/ul
RT: 28.67 min Scan# 4397
Delta R.T. -0.01 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Instrument :
BNA_G
ClientSampleId :
G9D96DL

Tgt Ion:276 Resp: 15972

Ion	Ratio	Lower	Upper
276	100		
138	19.3	10.9	16.3#
277	28.7	18.9	28.3#





#94
Benzo(g,h,i)perylene
Concen: 1.49 ng/ul
RT: 29.84 min Scan# 4595
Delta R.T. -0.02 min
Lab File: BG020615.D
Acq: 30 Dec 2015 19:11

Tgt Ion:276 Resp: 19195

Ion	Ratio	Lower	Upper
276	100		
138	17.9	11.2	16.8#
277	21.3	19.0	28.6