Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020614.D
Acq On : 30 Dec 2015 18:32
Operator : UM/SJ
Sample : G4802-20DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D95DL

Quant Time: Dec 31 01:09:13 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	16748	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	76865	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	58048	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	148144	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	175957	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	172385	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	172	0.62	ng/uL	0.00
5) Phenol-d5	7.22	99	6380	4.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	5098	5.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	5541	5.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1544	1.27	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	3460	5.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	3979	5.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	6278	4.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	4826	3.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	28927	6.09	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	36303	6.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	1957	2.63	ng/ul	0.01
58) Fluorene-d10	15.68	176	29171	6.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	3477	3.87	ng/ul	0.00
71) Anthracene-d10	17.54	188	45907	6.65	ng/ul	0.00
79) Pyrene-d10	19.82	212	55344	7.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	60332	7.01	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.93	128	21294	5.23	ng/ul	96
30) 4-Chloroaniline	10.92	127	2612	1.64	ng/ul#	1
35) 1-Methylnaphthalene	12.74	142	32854	11.18	ng/ul	94
45) Dimethylphthalate	14.14	163	6174	1.27	ng/ul	98
48) Acenaphthylene	14.42	152	12685	2.21	ng/ul#	87
50) Acenaphthene	14.76	153	19571	5.03	ng/ul	98
59) Fluorene	15.74	166	25651	5.43	ng/ul	98
70) Phenanthrene	17.48	178	144200	17.90	ng/ul	99
72) Anthracene	17.57	178	51724	6.28	ng/ul	95
77) Fluoranthene	19.49	202	174863	17.77	ng/ul	100
80) Pyrene	19.85	202	316267	31.03	ng/ul	99
83) Benzo(a)anthracene	21.69	228	126291	12.27	ng/ul	96
85) Chrysene	21.76	228	112566	11.62	ng/ul	96
88) Benzo(b)fluoranthene	23.93	252	76793	7.50	ng/ul#	95
89) Benzo(k)fluoranthene	23.93	252	76793	7.83	ng/ul#	95
91) Benzo(a)pyrene	24.81	252	87525	8.90	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	37086	3.16	ng/ul	99
94) Benzo(g,h,i)perylene	29.84	276	41346	4.29	ng/ul	98

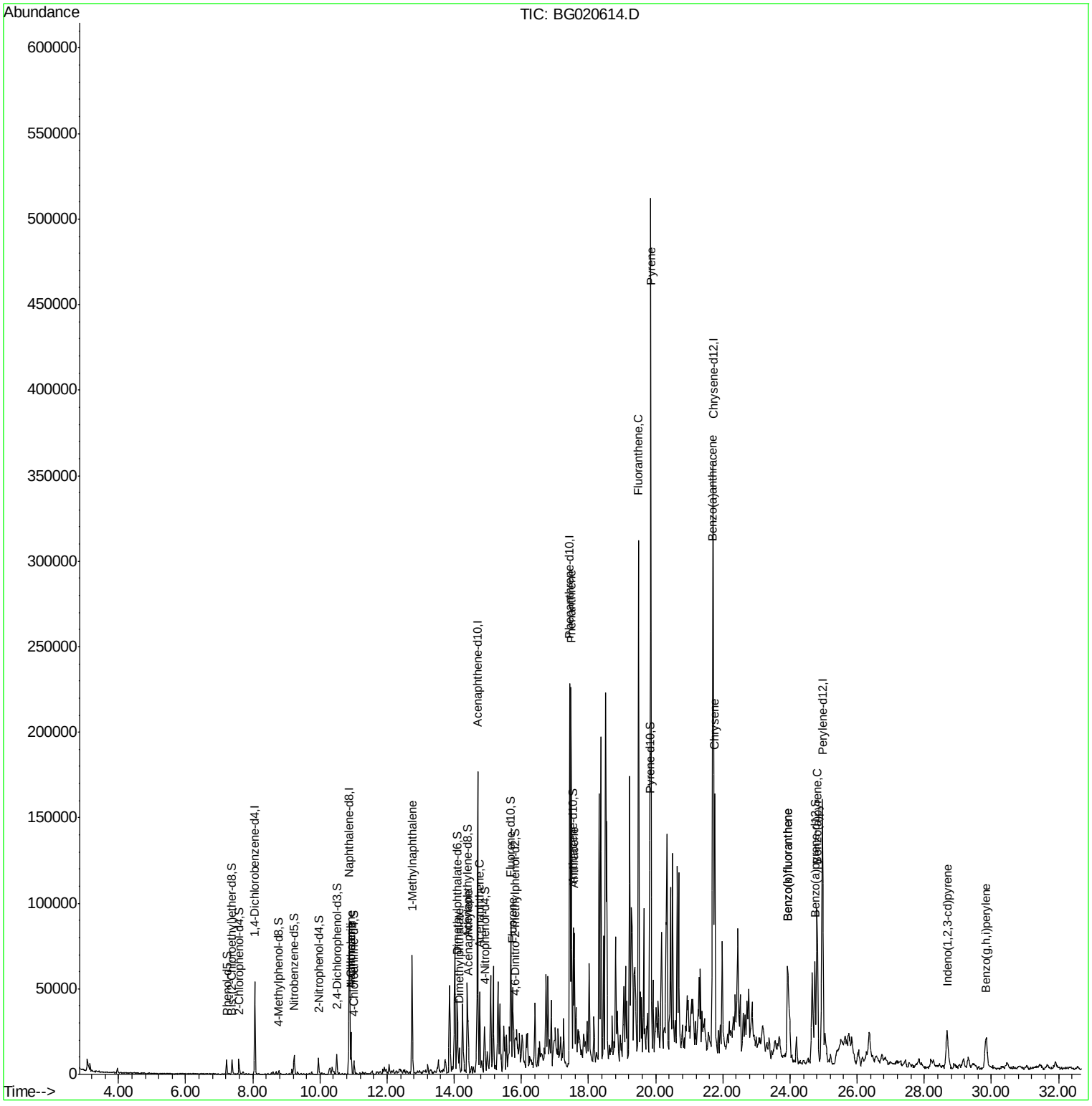
(#) = qualifier out of range (m) = manual integration (+) = signals summed

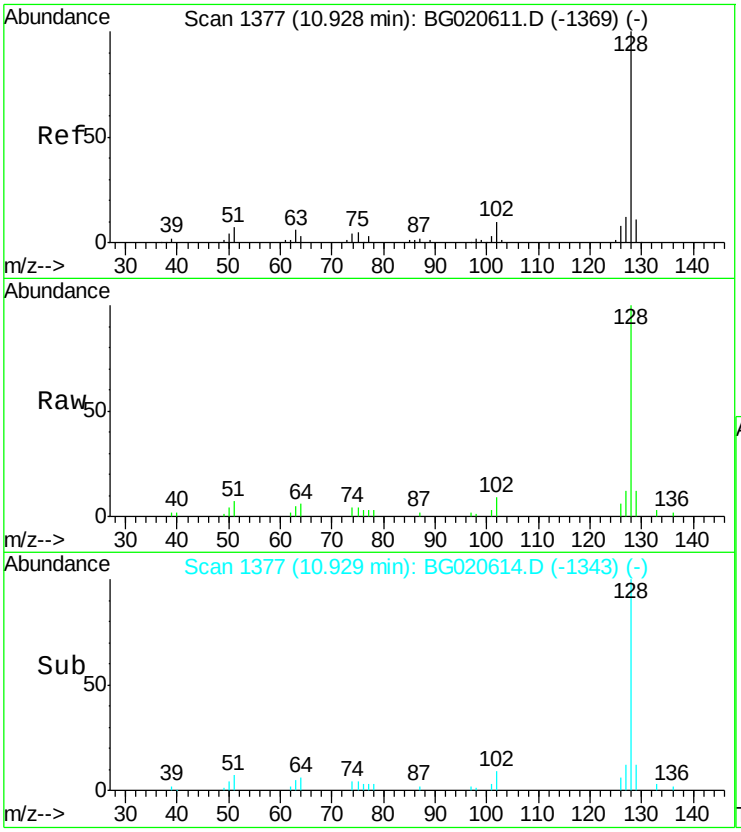
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020614.D
Acq On : 30 Dec 2015 18:32
Operator : UM/SJ
Sample : G4802-20DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Quant Time: Dec 31 01:09:13 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



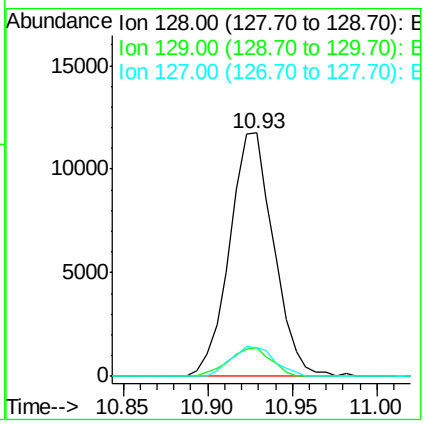


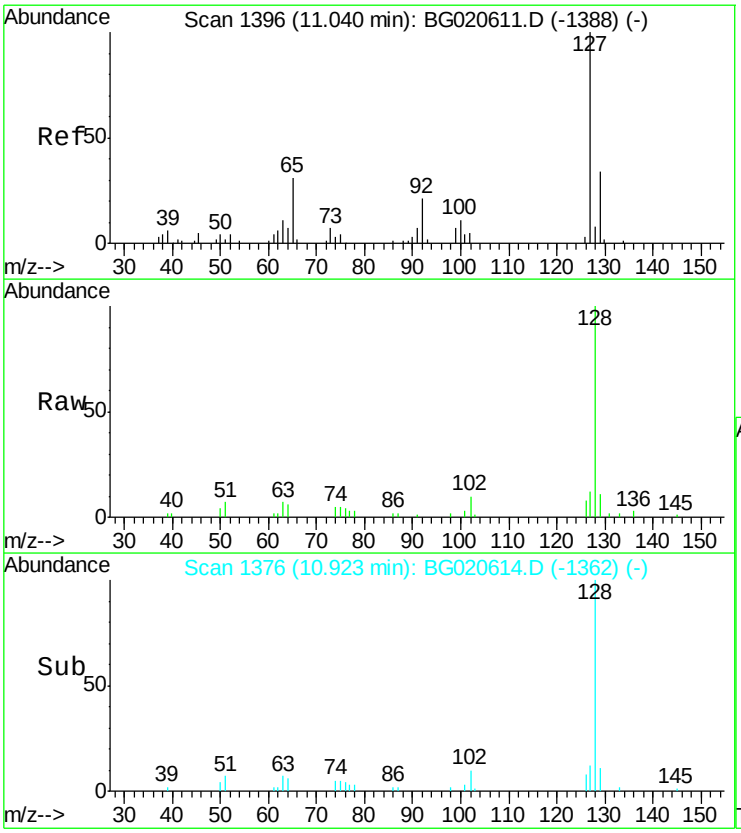
#28
Naphthalene
Concen: 5.23 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:128 Resp: 21294

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.3	12.5
127	11.6	10.8	16.2

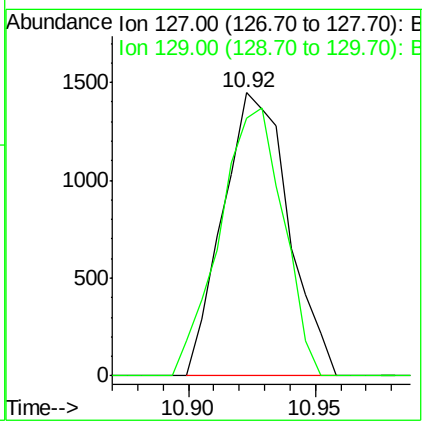


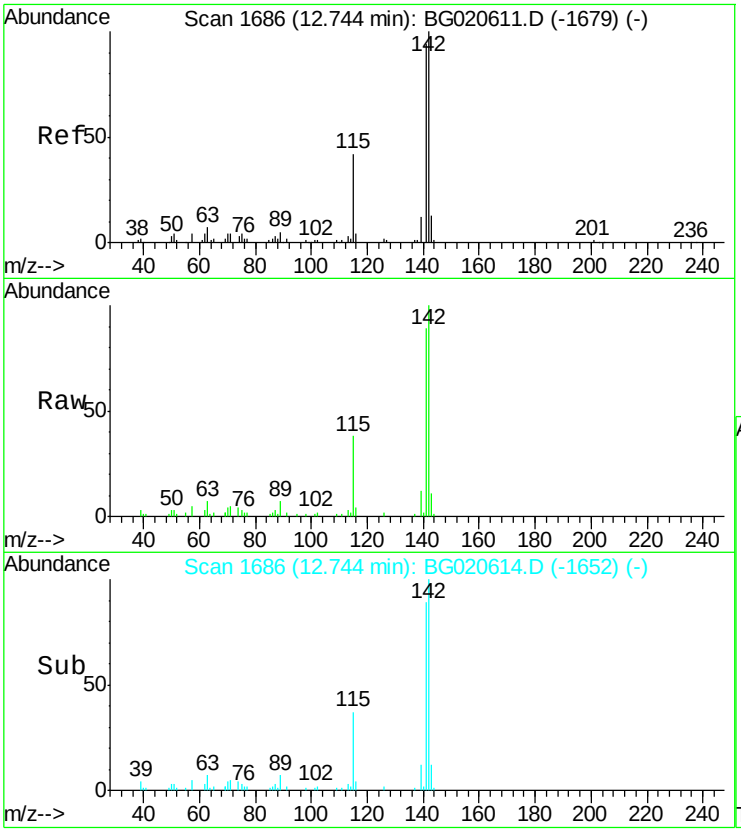


#30
4-Chloroaniline
Concen: 1.64 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.12 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:127 Resp: 2612

Ion	Ratio	Lower	Upper
127	100		
129	90.9	24.6	37.0#



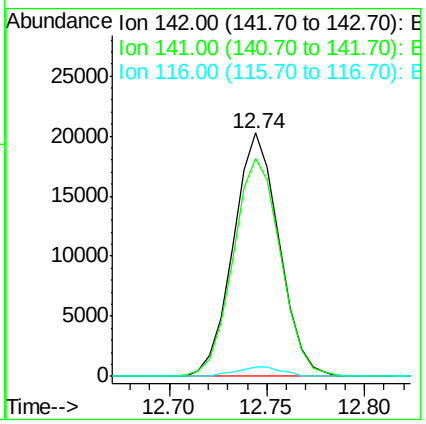


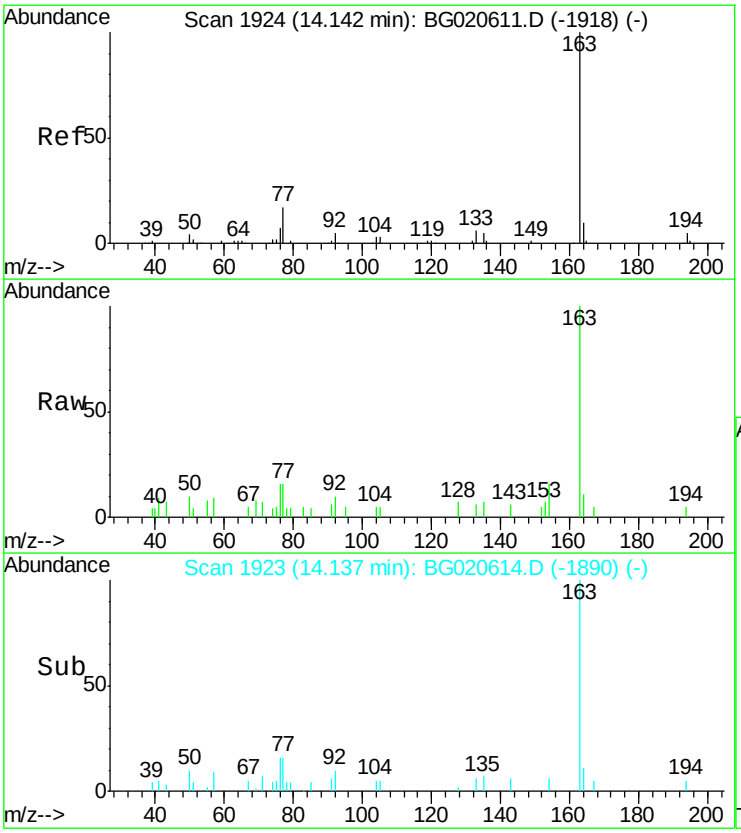
#35
1-Methylnaphthalene
Concen: 11.18 ng/ul
RT: 12.74 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:142 Resp: 32854

Ion	Ratio	Lower	Upper
142	100		
141	89.3	76.6	115.0
116	3.9	3.6	5.4

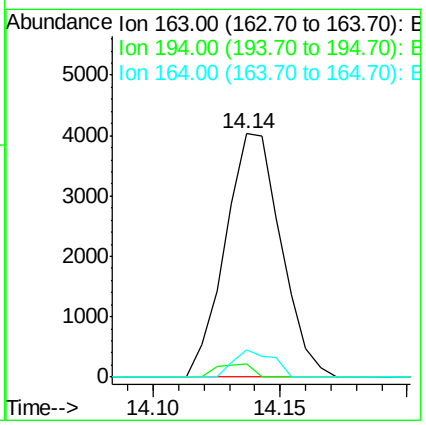


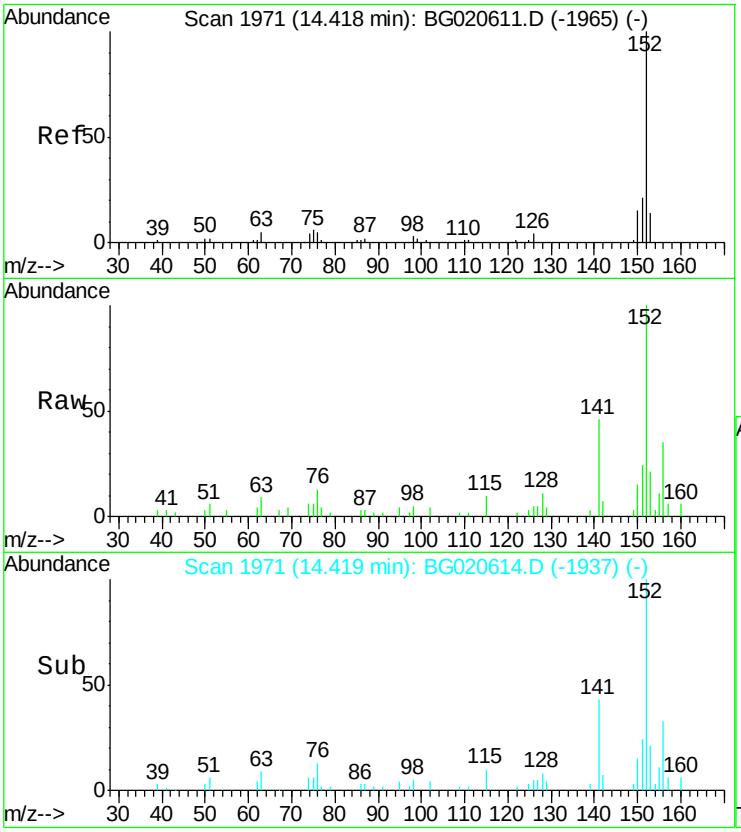


#45
Dimethylphthalate
Concen: 1.27 ng/ul
RT: 14.14 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:163 Resp: 6174

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.0	6.0
164	11.3	8.4	12.6



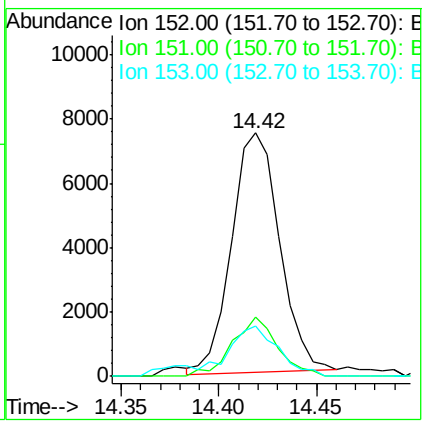


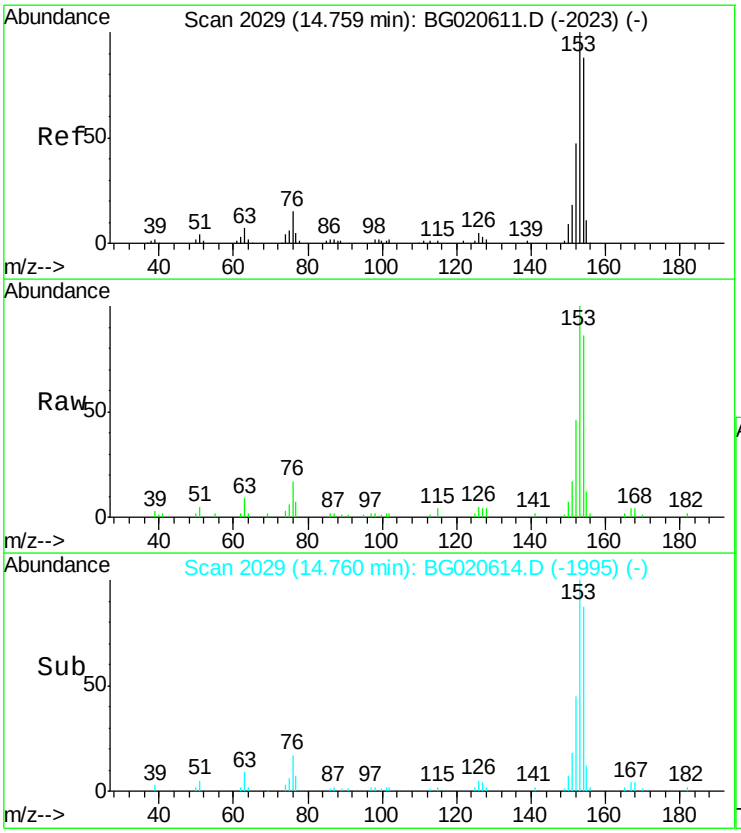
#48
Acenaphthylene
Concen: 2.21 ng/ul
RT: 14.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:152 Resp: 12685

Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.1	24.1
153	20.8	10.8	16.2#

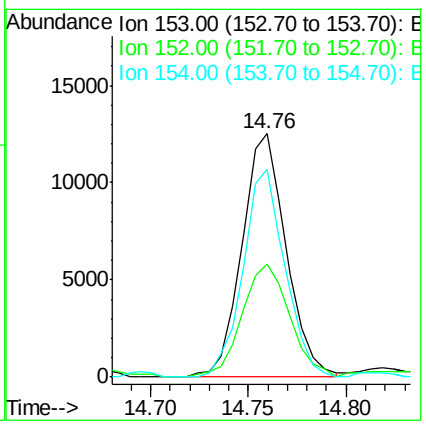


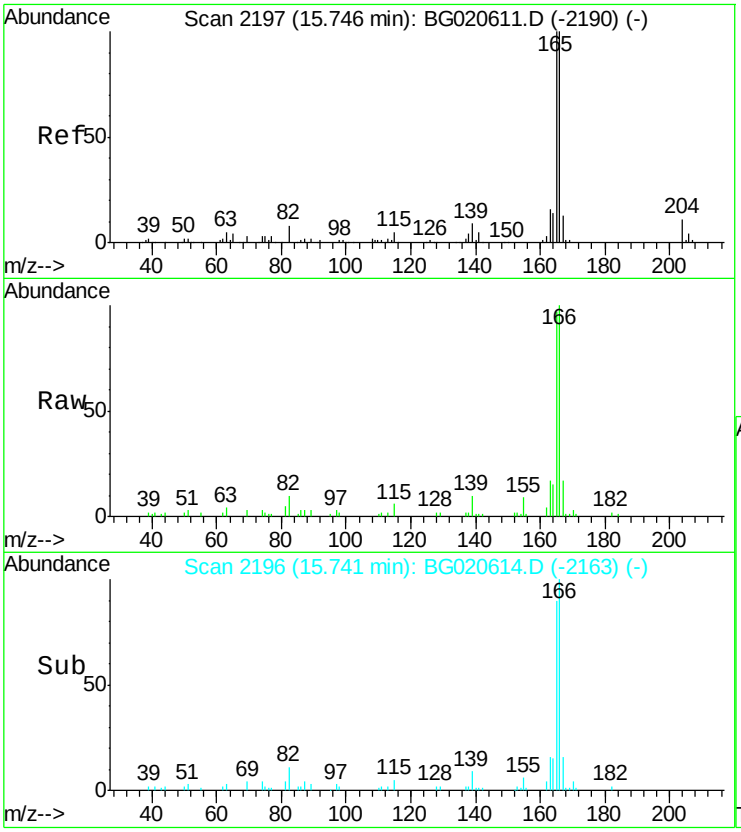


#50
Acenaphthene
Concen: 5.03 ng/ul
RT: 14.76 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:153 Resp: 19571

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.9	56.9
154	85.6	69.8	104.6



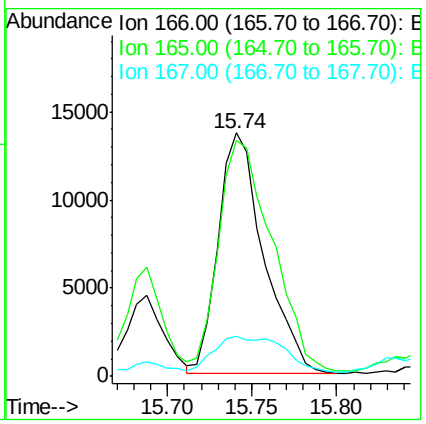


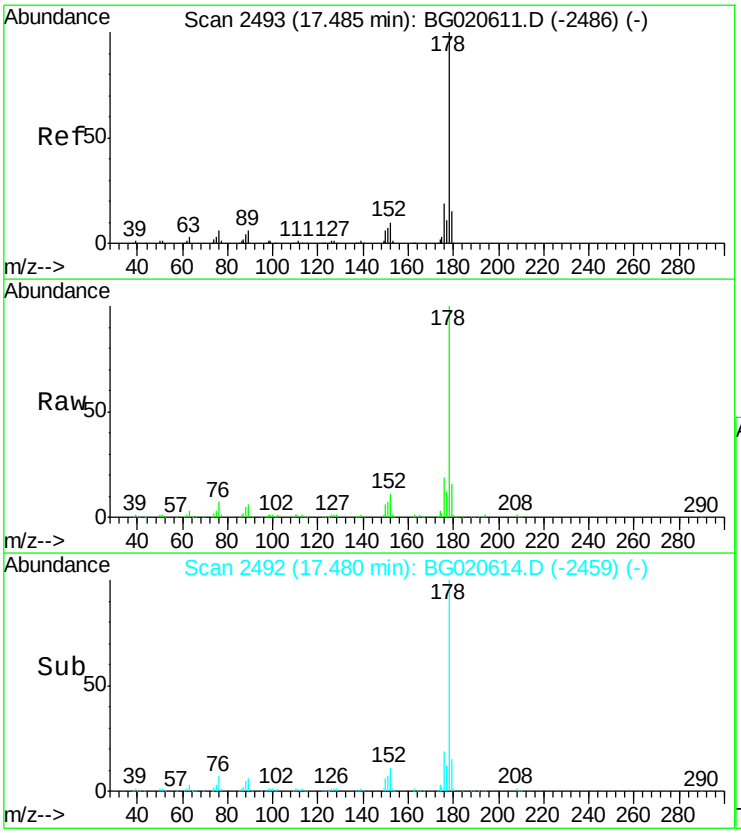
#59
Fluorene
Concen: 5.43 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:166 Resp: 25651

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.4	117.6
167	16.5	11.1	16.7

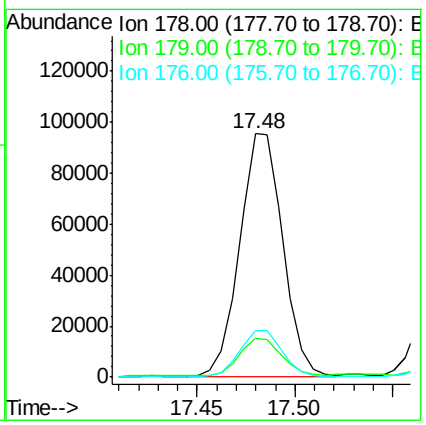


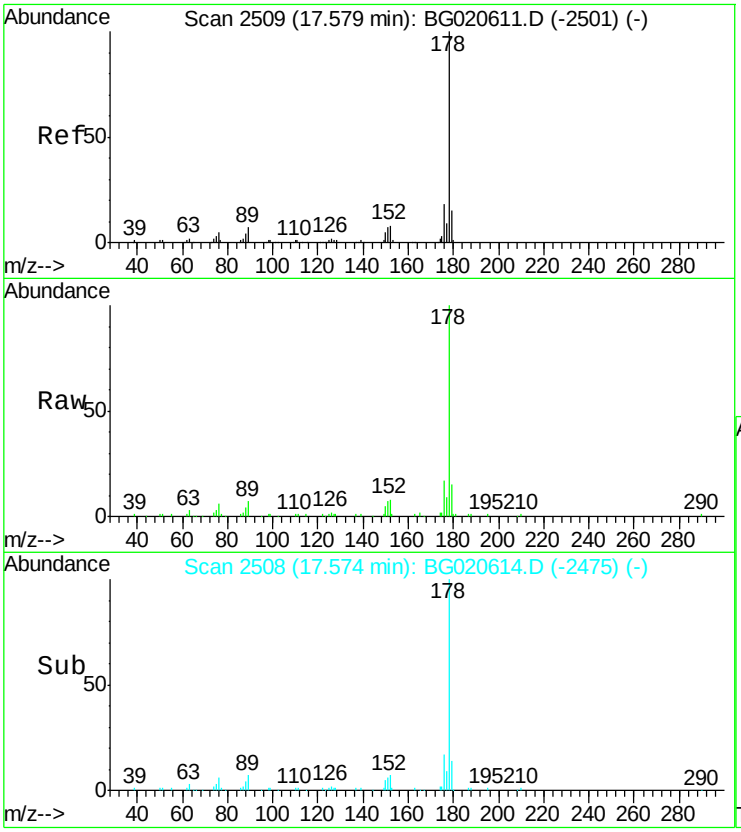


#70
Phenanthrene
Concen: 17.90 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:178 Resp: 144200

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.2	15.4	23.0



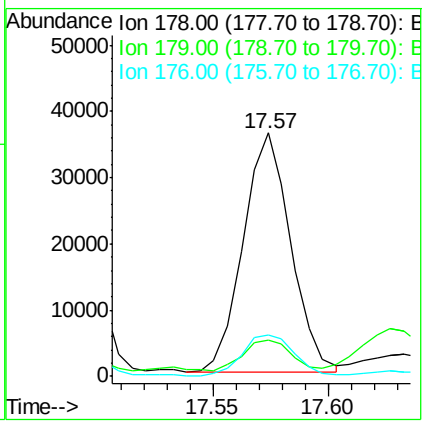


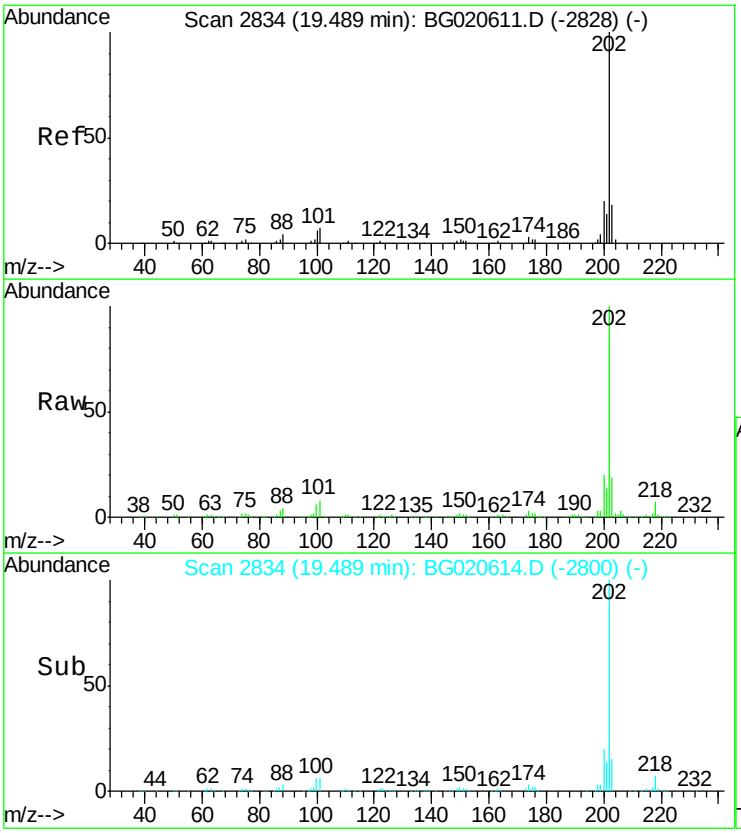
#72
Anthracene
Concen: 6.28 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:178 Resp: 51724

Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.4	20.2
176	17.0	15.4	23.0

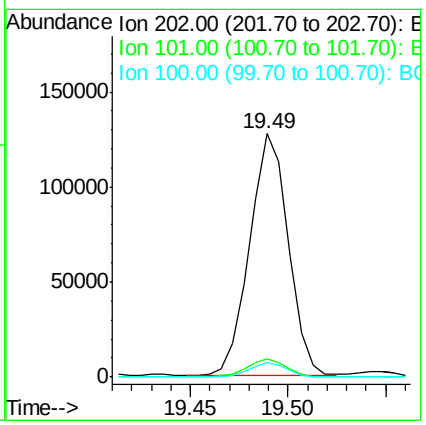


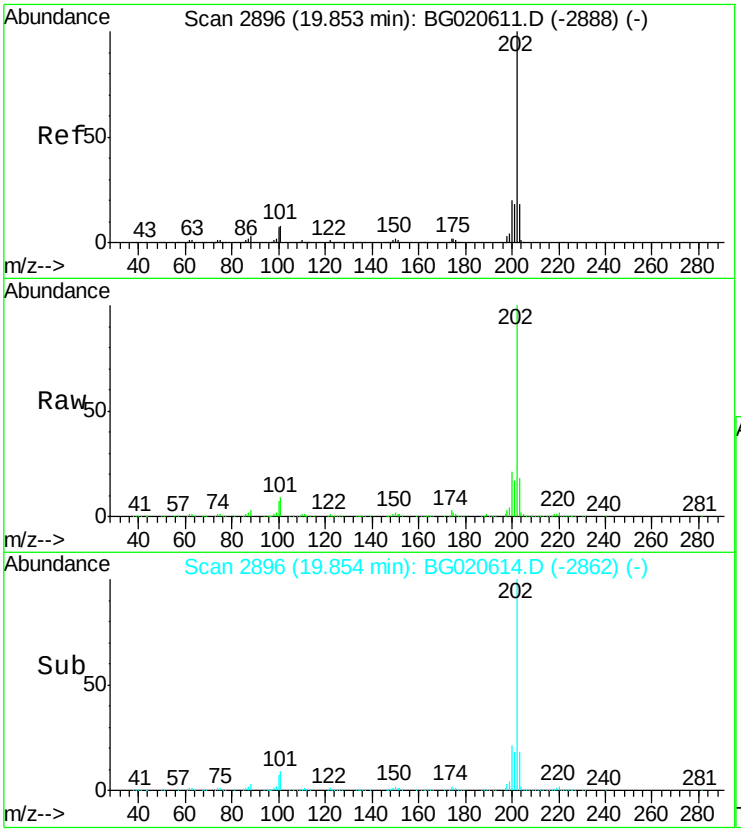


#77
Fluoranthene
Concen: 17.77 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:202 Resp: 174863

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	6.0	4.6	7.0



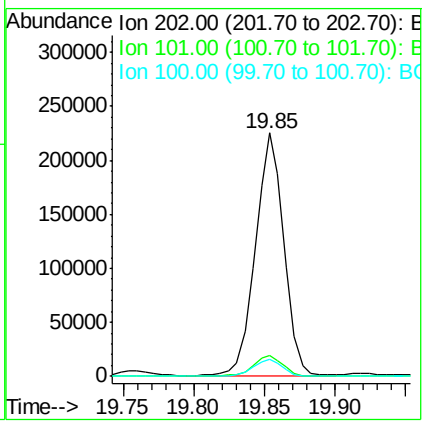


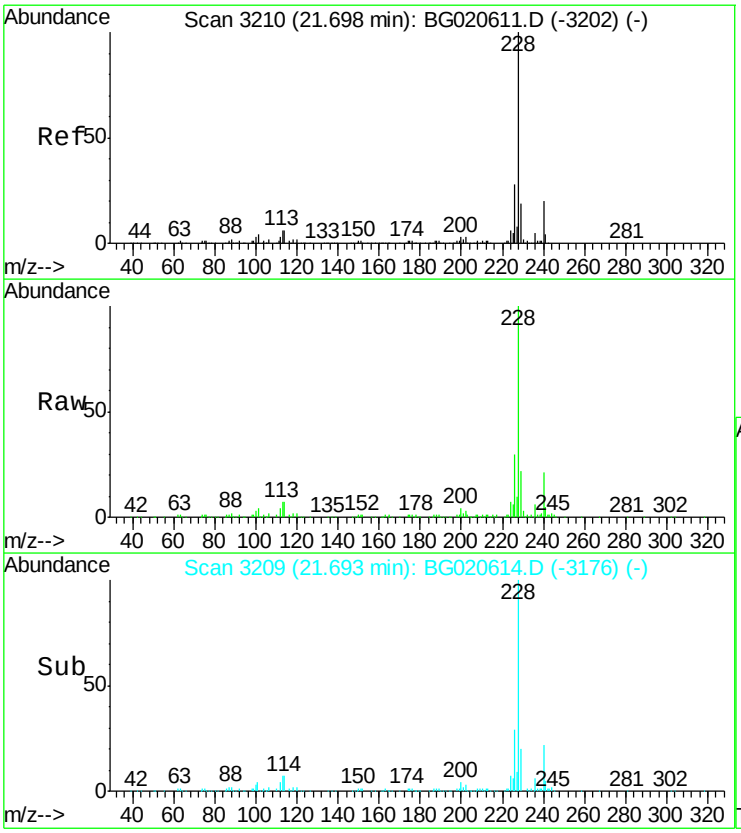
#80
Pyrene
Concen: 31.03 ng/ul
RT: 19.85 min Scan# 2896
Delta R.T. 0.00 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:202 Resp: 316267

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.9	10.3
100	7.2	5.6	8.4

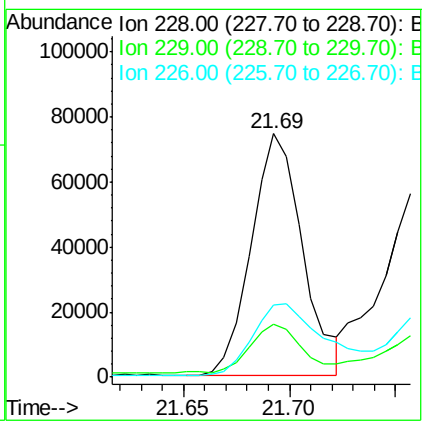


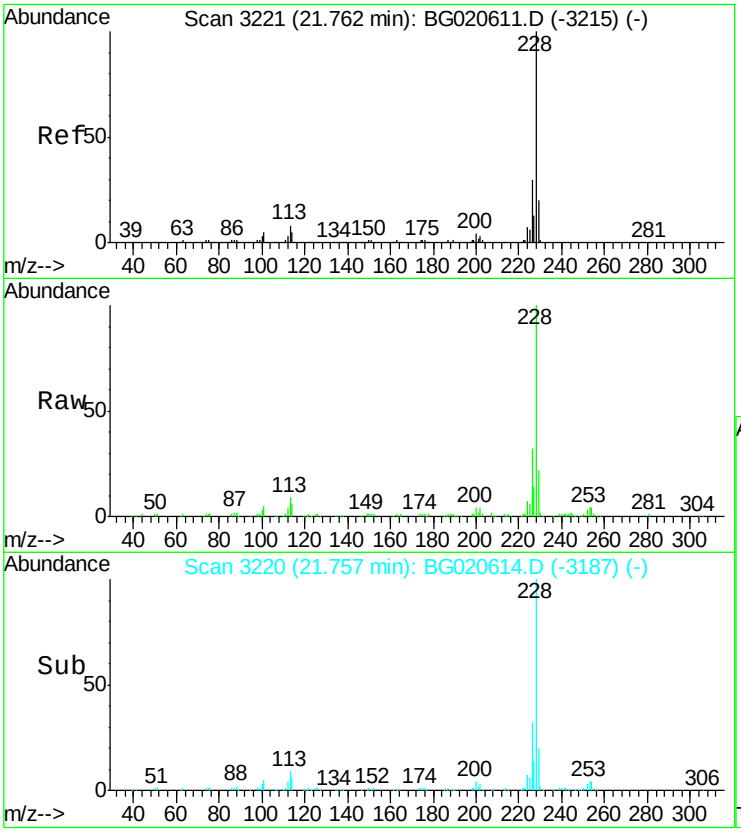


#83
Benzo(a)anthracene
Concen: 12.27 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:228 Resp: 126291

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.0	24.0
226	29.7	21.8	32.8



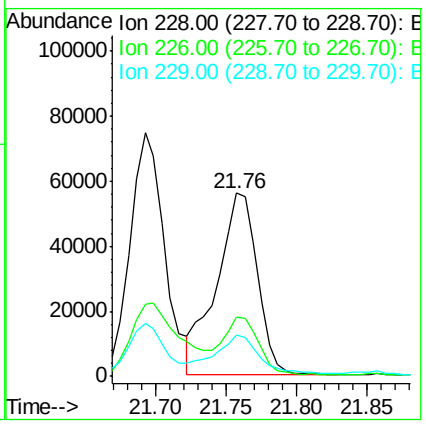


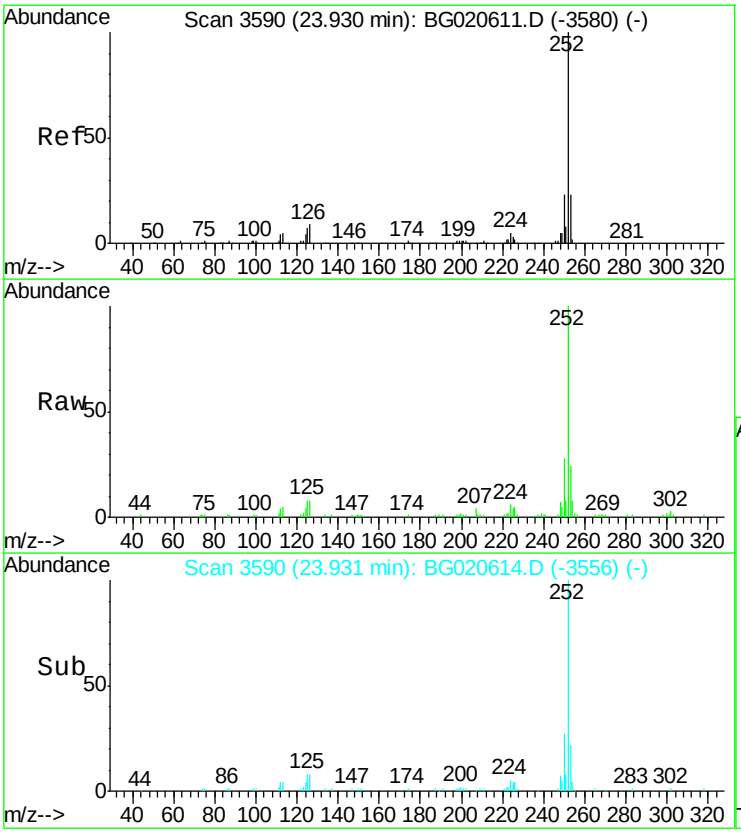
#85
Chrysene
Concen: 11.62 ng/ul
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:228 Resp: 112566

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.1	36.1
229	22.3	16.0	24.0

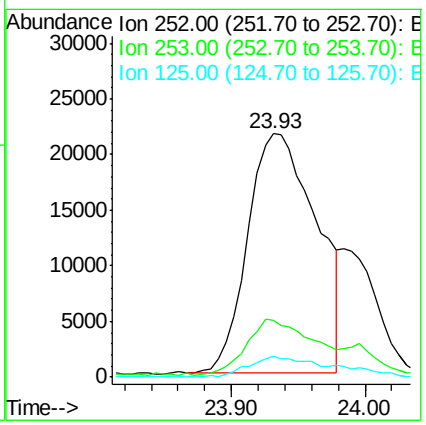


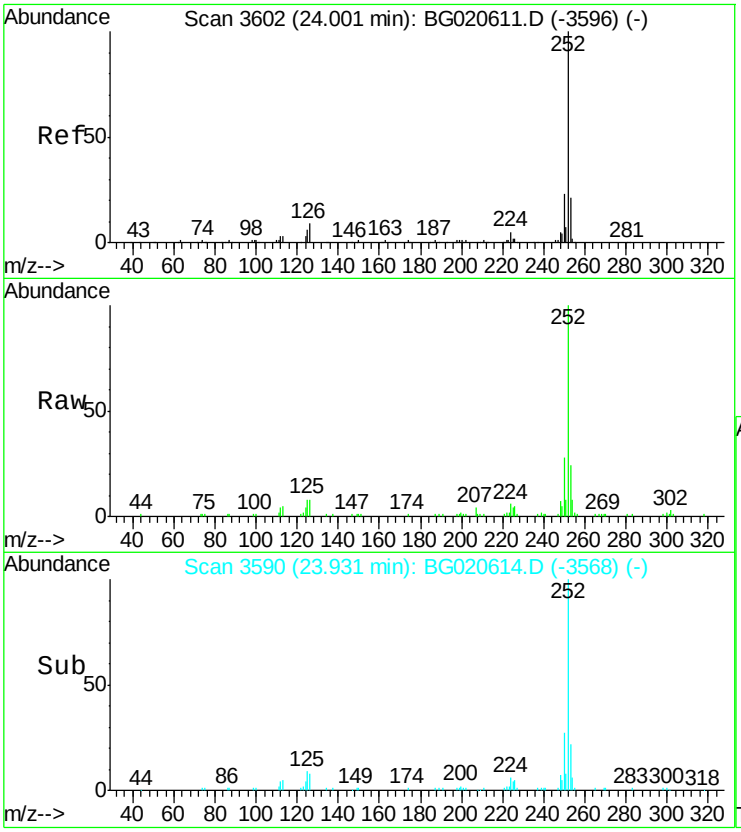


#88
Benzo(b)fluoranthene
Concen: 7.50 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:252 Resp: 76793

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	8.4	4.9	7.3#



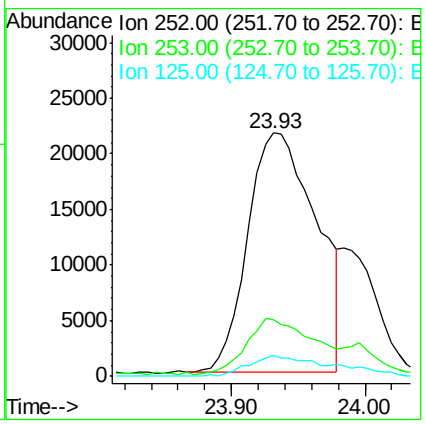


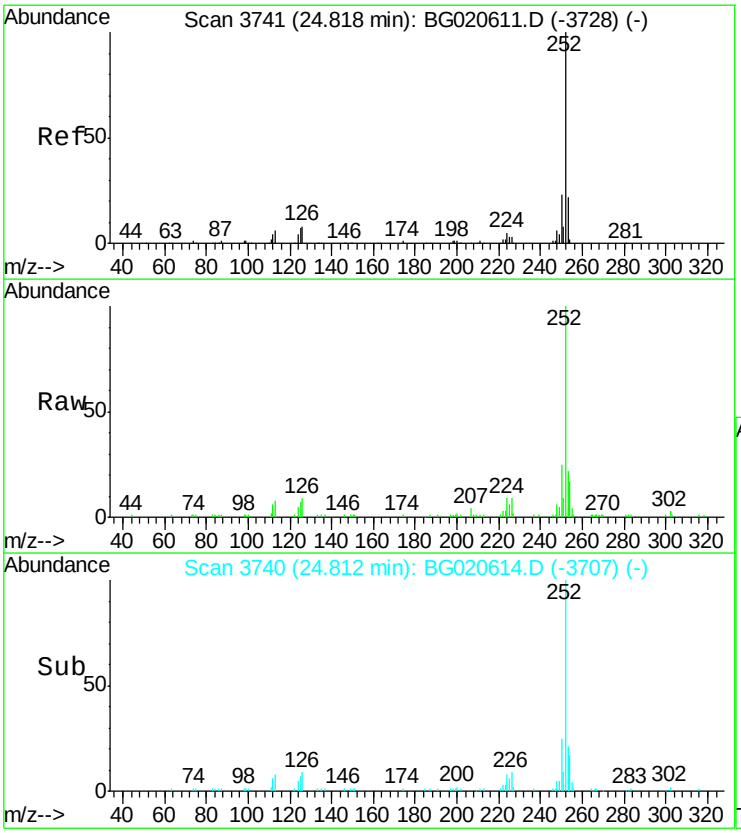
#89
Benzo(k)fluoranthene
Concen: 7.83 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. -0.07 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:252 Resp: 76793

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.4	5.4	8.0#

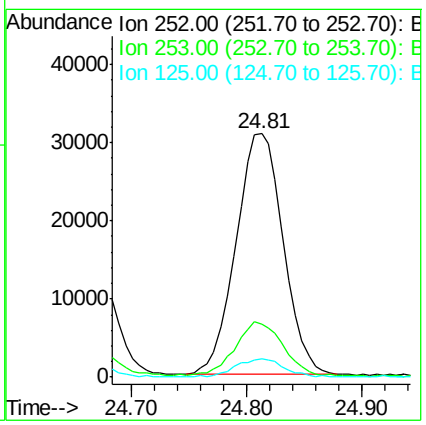


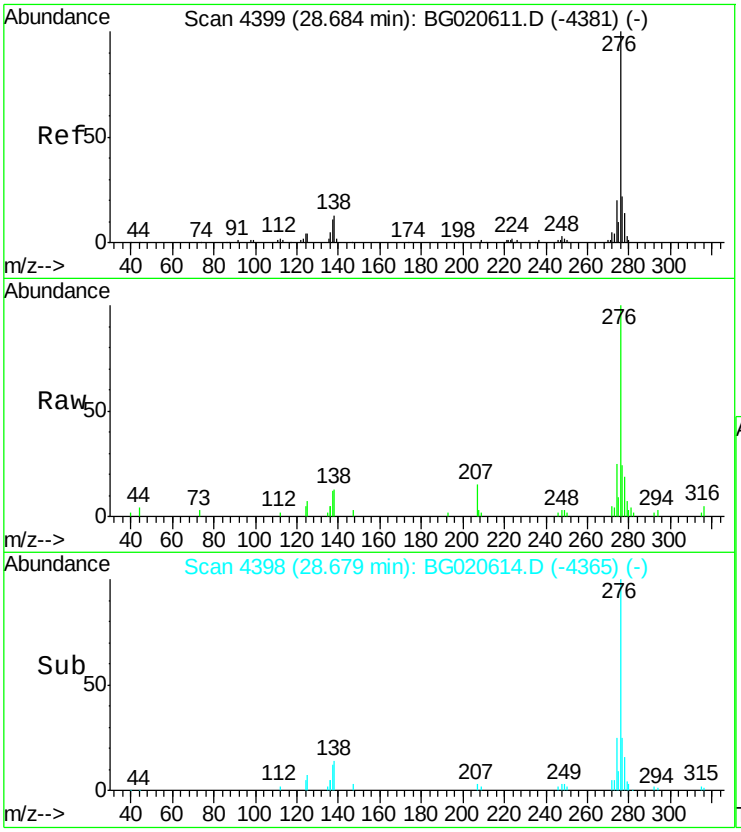


#91
Benzo(a)pyrene
Concen: 8.90 ng/ul
RT: 24.81 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:252 Resp: 87525

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	7.4	5.8	8.6



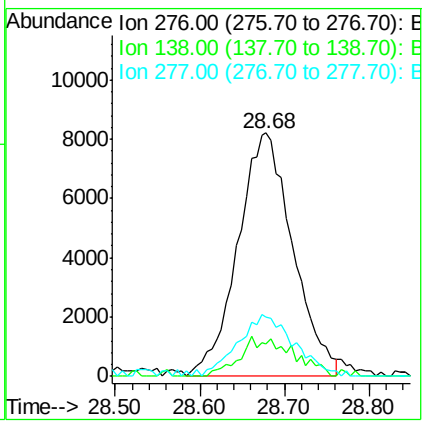


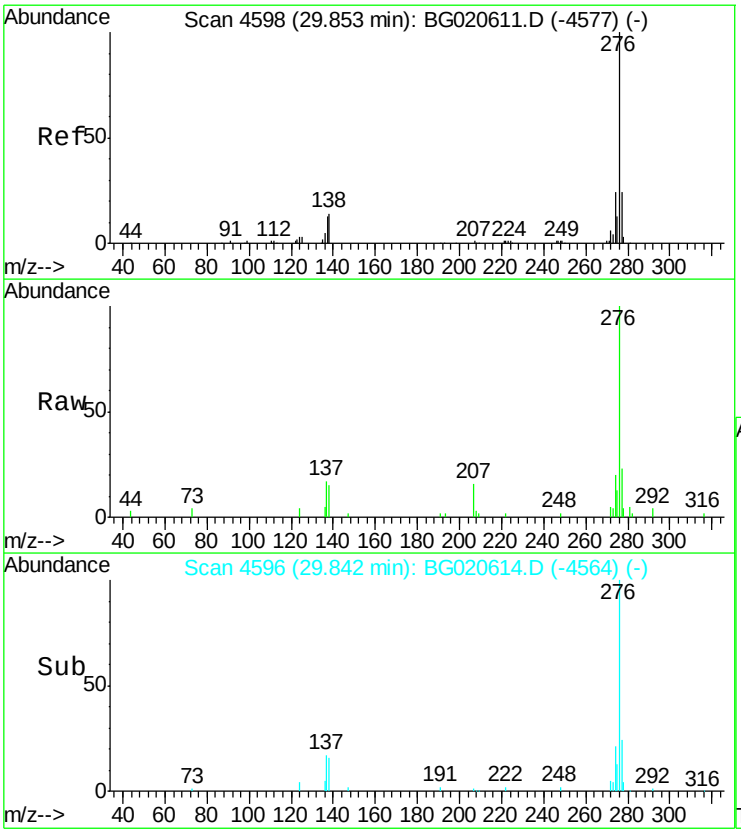
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.16 ng/ul
RT: 28.68 min Scan# 4398
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Instrument :
BNA_G
ClientSampleId :
G9D95DL

Tgt Ion:276 Resp: 37086

Ion	Ratio	Lower	Upper
276	100		
138	13.4	10.9	16.3
277	24.2	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 4.29 ng/ul
RT: 29.84 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BG020614.D
Acq: 30 Dec 2015 18:32

Tgt Ion:276 Resp: 41346

Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.2	16.8
277	23.4	19.0	28.6