Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
Data File : BG019496.D
Acq On : 5 Nov 2015 17:23
Operator : UM/NP
Sample : G4273-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP6

Quant Time: Nov 06 02:16:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	37783	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	166176	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	132134	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	365798	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	470272	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	437165	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	2440	3.09	ng/uL	0.00
5) Phenol-d5	7.32	99	53719	15.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	40827	18.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	34673	16.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	47554	17.21	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	19816	16.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23470	16.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	46809	14.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	53162	16.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	193341	17.75	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	200143	16.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	26007	15.03	ng/ul	-0.01
58) Fluorene-d10	15.79	176	168181	16.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	33225	14.03	ng/ul	0.00
71) Anthracene-d10	17.65	188	285703	17.13	ng/ul	0.00
79) Pyrene-d10	19.92	212	323757	15.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	359812	16.40	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.65	142	10110	1.51	ng/ul	98
35) 1-Methylnaphthalene	12.87	142	11316	1.79	ng/ul#	92
45) Dimethylphthalate	14.25	163	101364	9.10	ng/ul#	97
50) Acenaphthene	14.87	153	57516	6.89	ng/ul	98
54) Dibenzofuran	15.20	168	45251	3.68	ng/ul	95
59) Fluorene	15.85	166	74615	6.96	ng/ul	98
70) Phenanthrene	17.59	178	341216	18.48	ng/ul	96
72) Anthracene	17.68	178	166424	8.84	ng/ul	98
77) Fluoranthene	19.59	202	388440	16.25	ng/ul#	97
80) Pyrene	19.95	202	265640	10.07	ng/ul#	92
83) Benzo(a)anthracene	21.80	228	157771	5.76	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	20297	1.67	ng/ul#	91
85) Chrysene	21.87	228	135296	5.27	ng/ul	97
88) Benzo(b)fluoranthene	24.11	252	136421	5.29	ng/ul#	98
89) Benzo(k)fluoranthene	24.11	252	136421	5.50	ng/ul	98
91) Benzo(a)pyrene	25.01	252	96328	3.89	ng/ul#	99

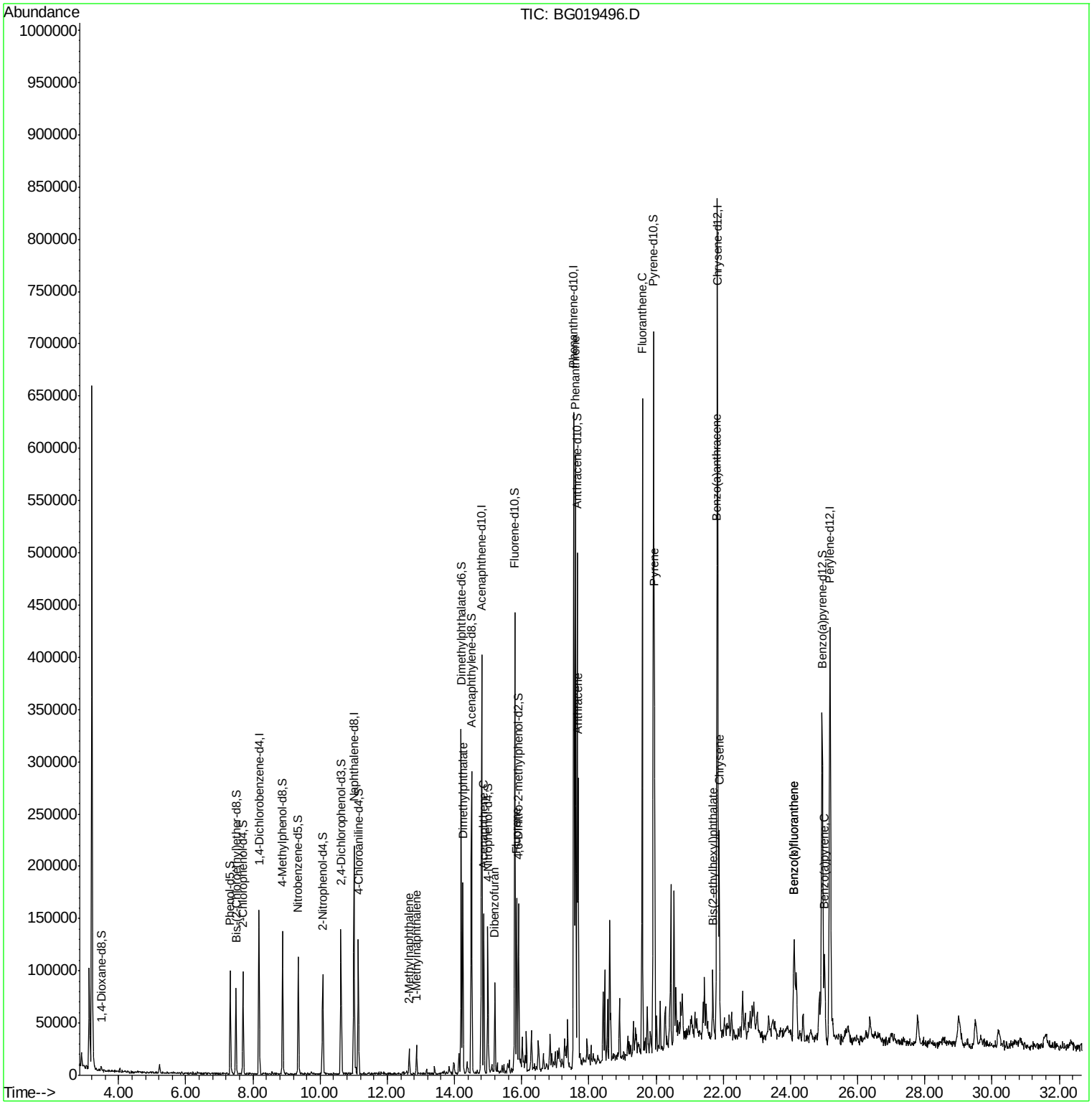
(#) = qualifier out of range (m) = manual integration (+) = signals summed

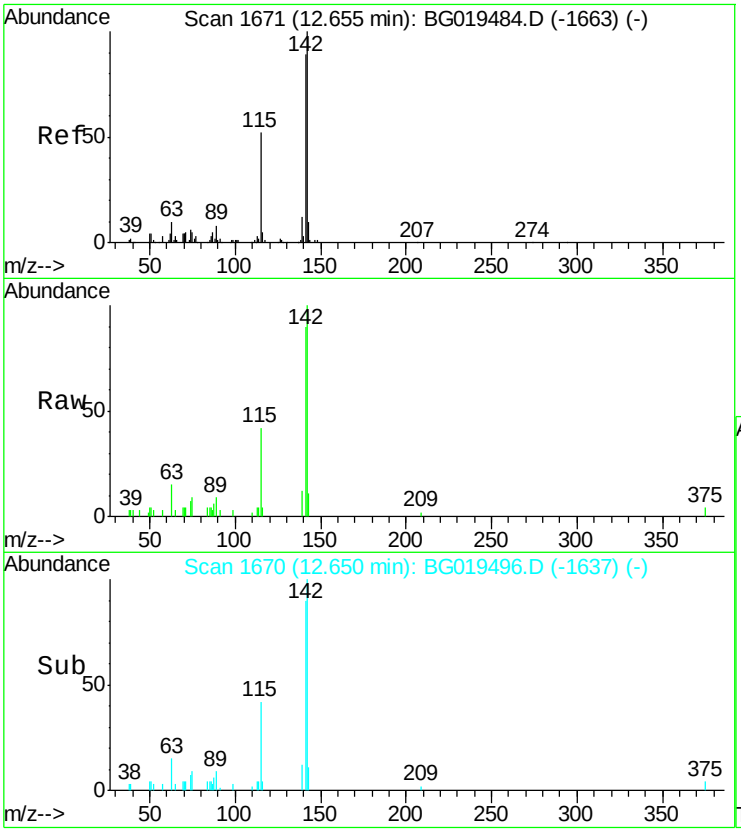
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
Data File : BG019496.D
Acq On : 5 Nov 2015 17:23
Operator : UM/NP
Sample : G4273-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP6

Quant Time: Nov 06 02:16:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration



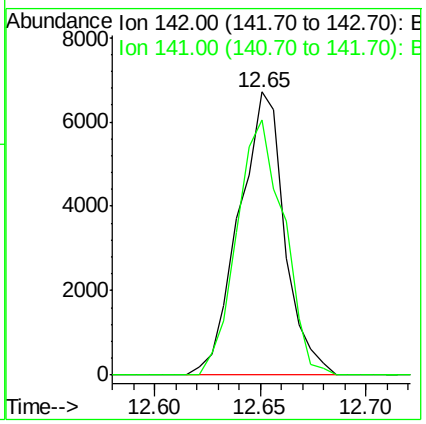


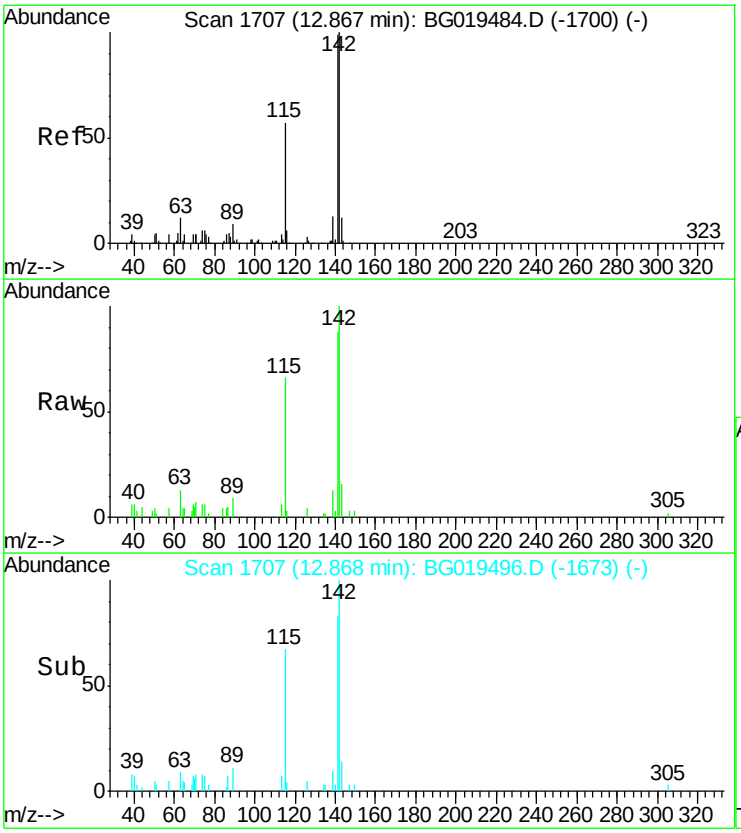
#34
2-Methylnaphthalene
Concen: 1.51 ng/ul
RT: 12.65 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tgt Ion:142 Resp: 10110

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.4	110.2

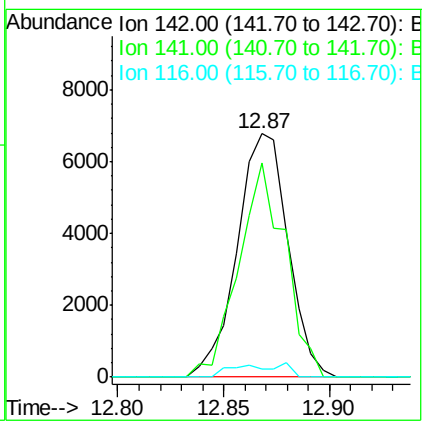


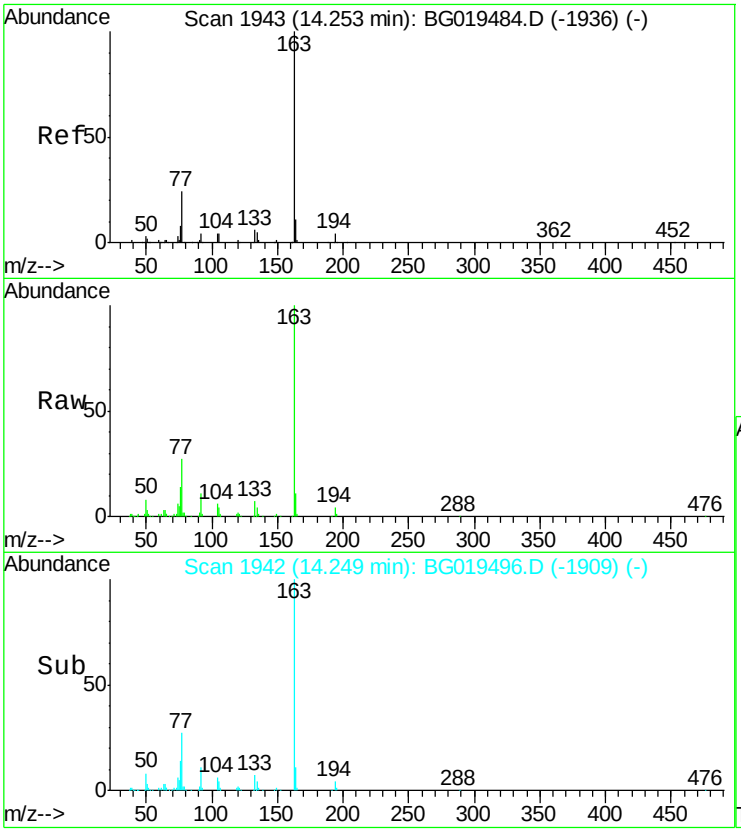


#35
1-Methylnaphthalene
Concen: 1.79 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Tgt Ion:142 Resp: 11316

Ion	Ratio	Lower	Upper
142	100		
141	88.1	76.5	114.7
116	3.3	5.4	8.0#



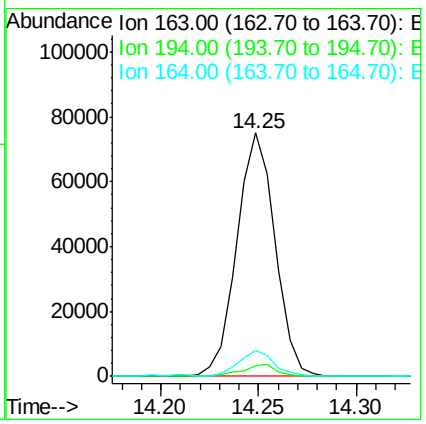


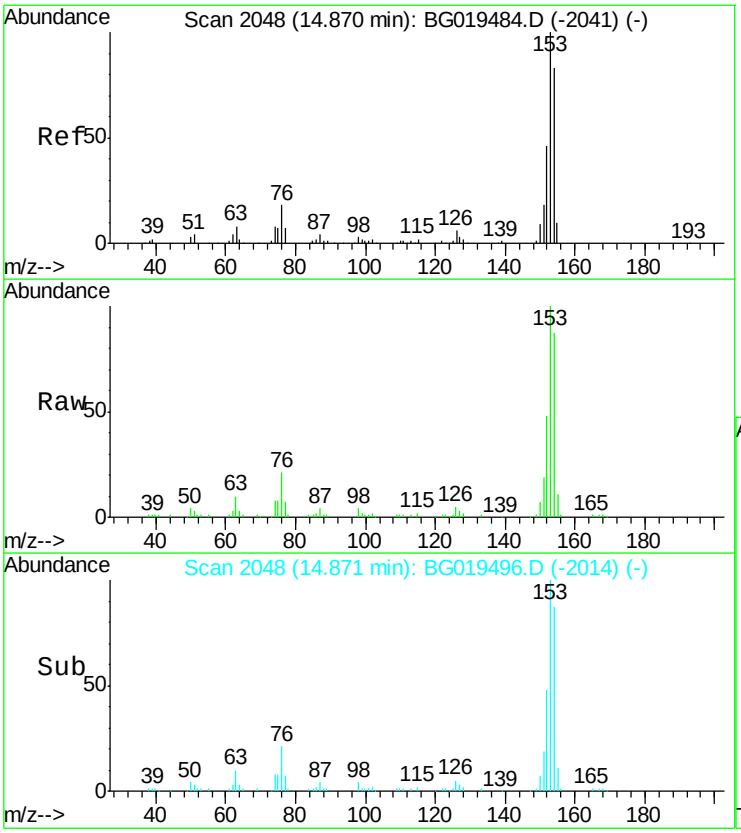
#45
Dimethylphthalate
Concen: 9.10 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tgt Ion:163 Resp: 101364

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.3	6.5#
164	10.7	7.5	11.3

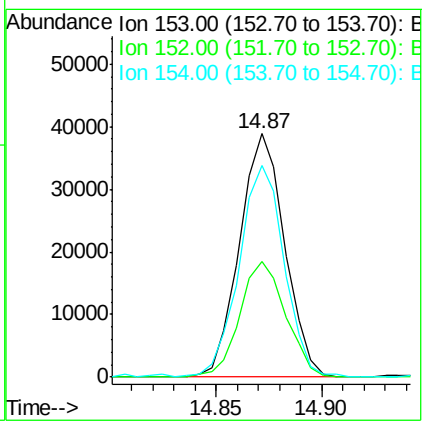


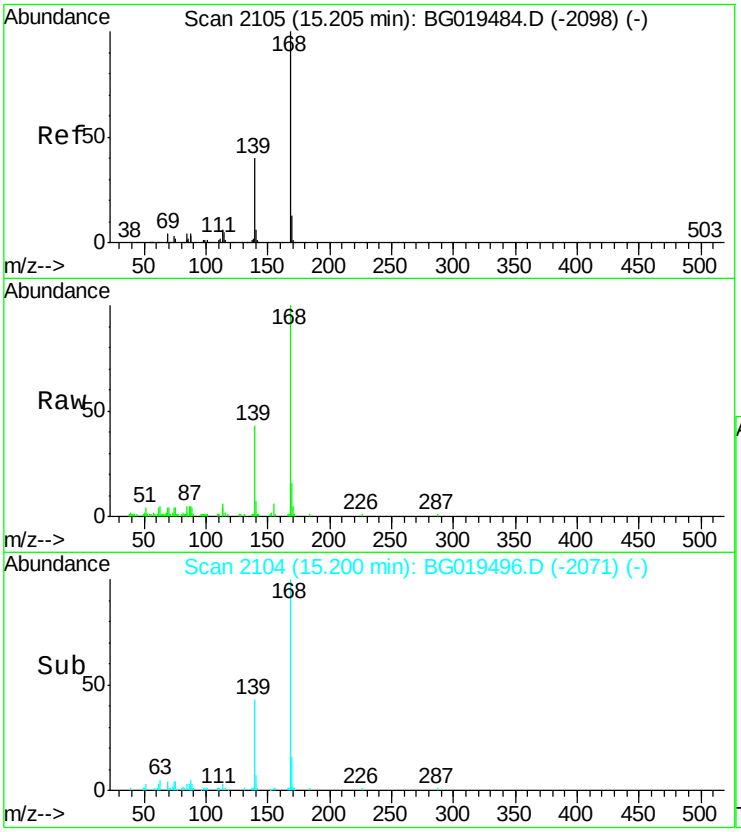


#50
Acenaphthene
Concen: 6.89 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Tgt Ion:153 Resp: 57516

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.8	58.2
154	86.8	71.5	107.3



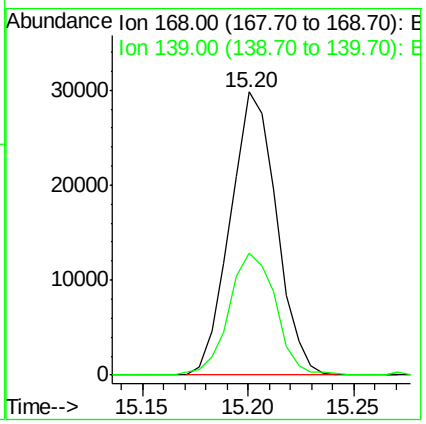


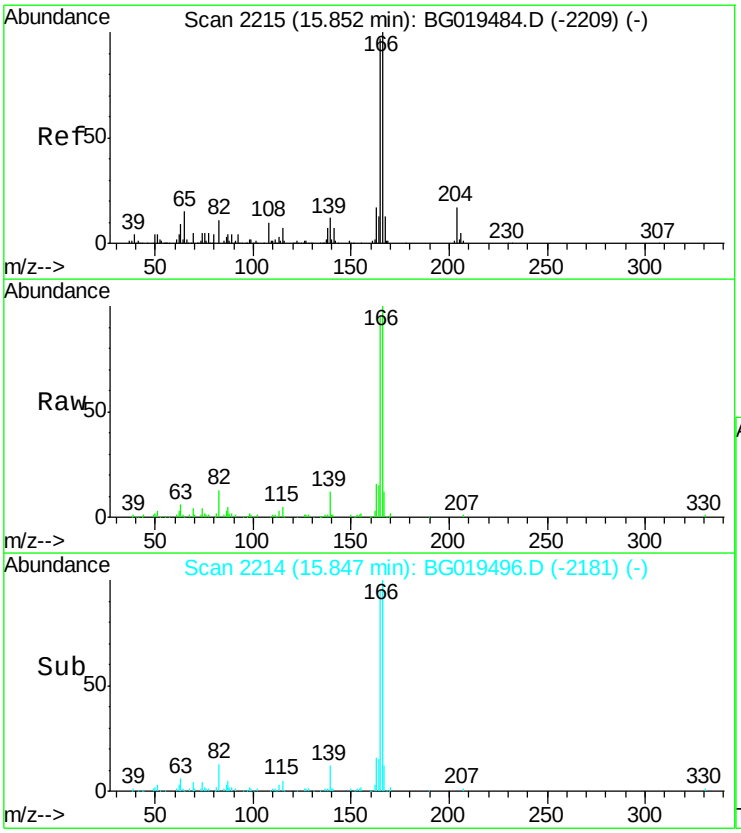
#54
Dibenzofuran
Concen: 3.68 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tgt Ion:168 Resp: 45251

Ion	Ratio	Lower	Upper
168	100		
139	43.4	32.4	48.6

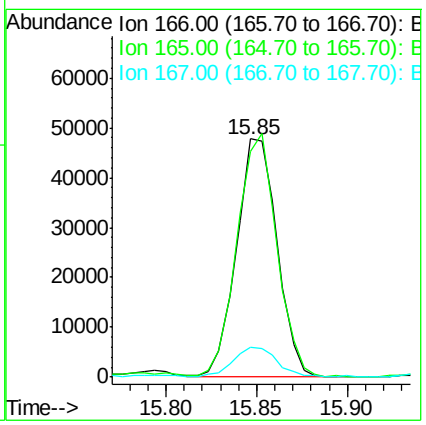


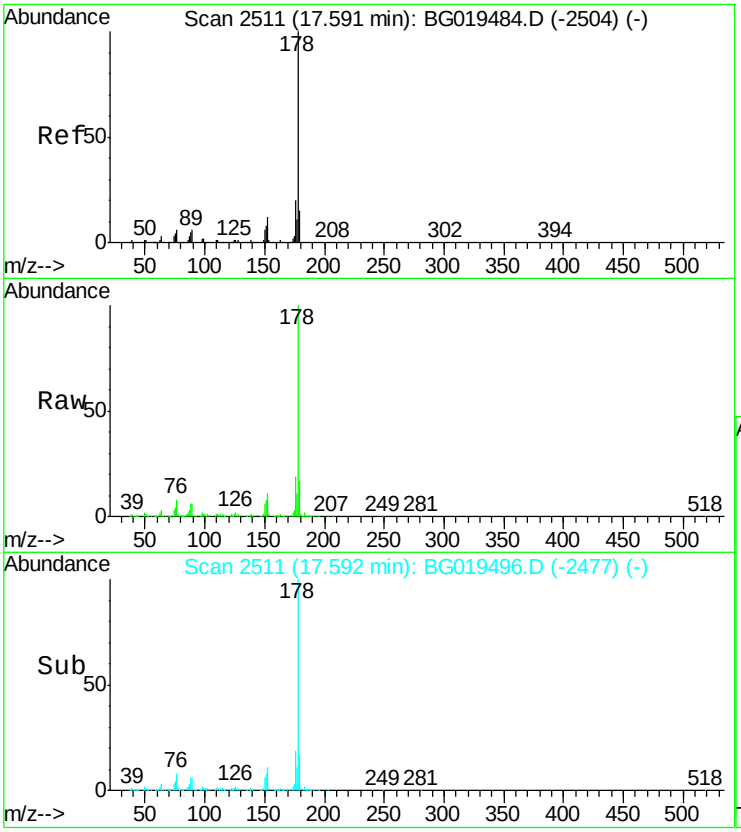


#59
Fluorene
Concen: 6.96 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Tgt Ion:166 Resp: 74615

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.6	116.4
167	12.4	9.6	14.4



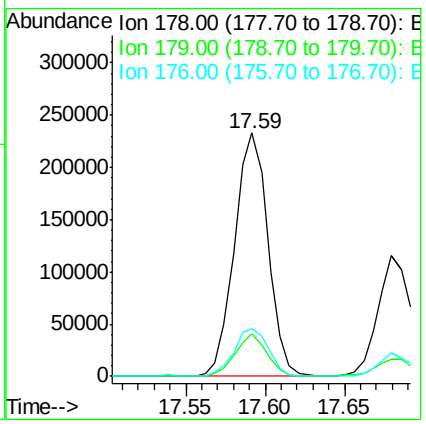


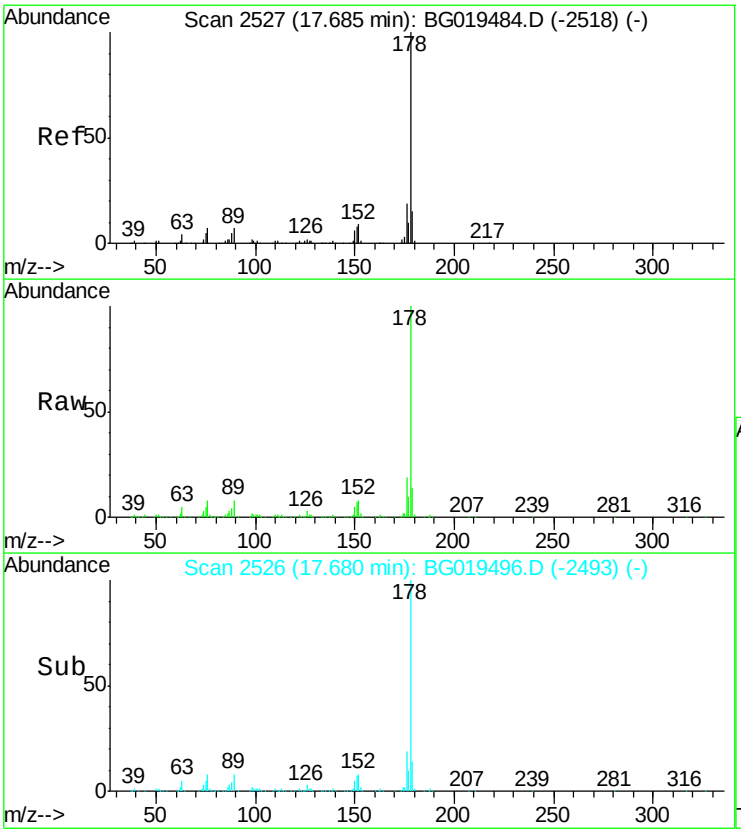
#70
Phenanthrene
Concen: 18.48 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tgt Ion:178 Resp: 341216

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	18.8
176	19.4	14.3	21.5

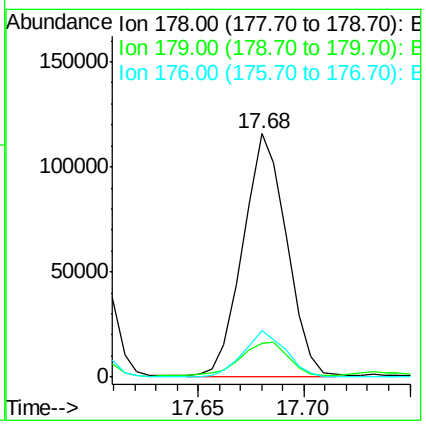


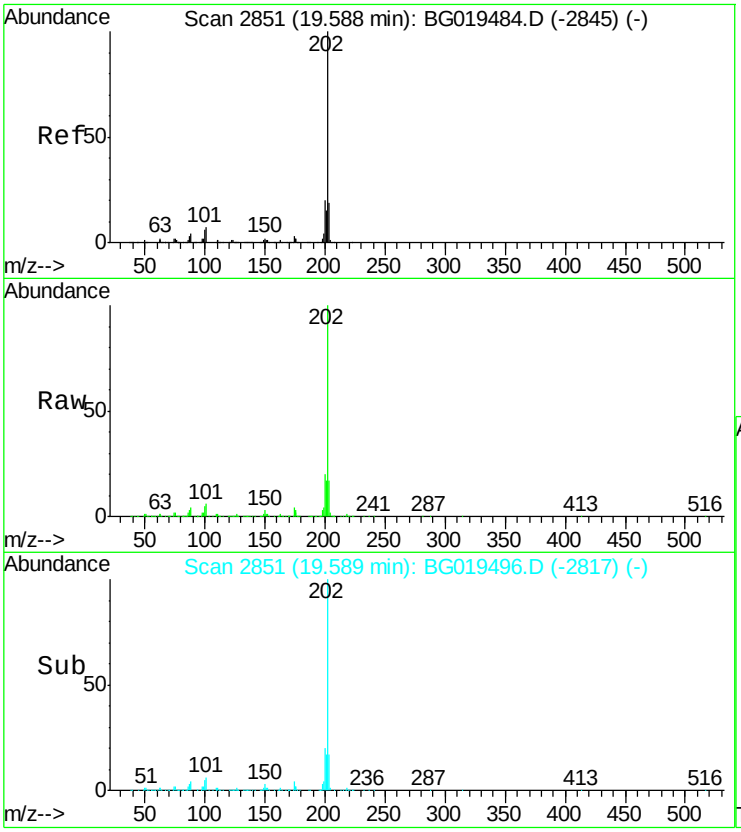


#72
Anthracene
Concen: 8.84 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Tgt Ion:178 Resp: 166424

Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.6	17.4
176	19.1	14.2	21.4



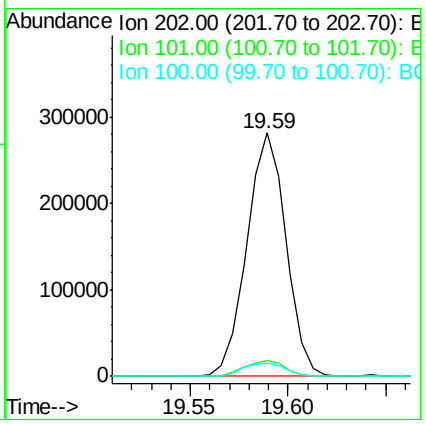


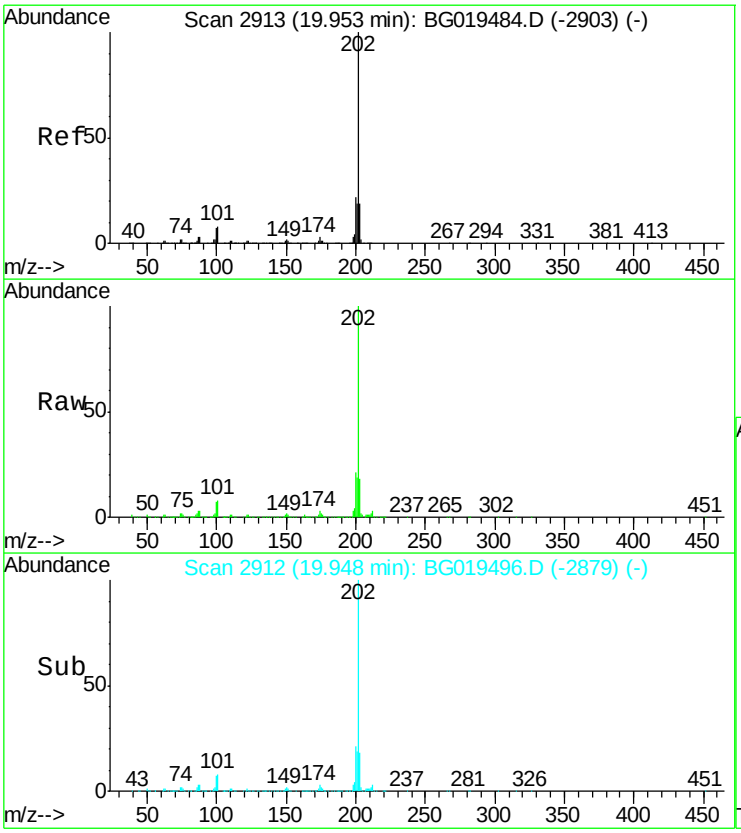
#77
Fluoranthene
Concen: 16.25 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tgt Ion:202 Resp: 388440

Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.0	6.0#
100	5.2	3.6	5.4

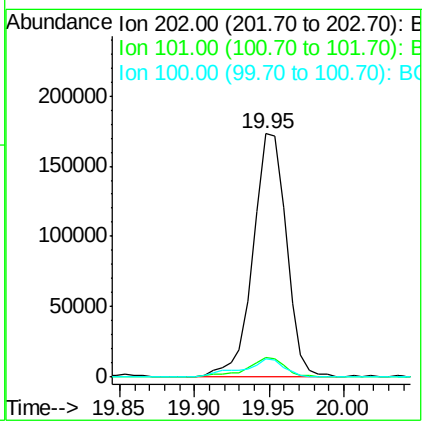


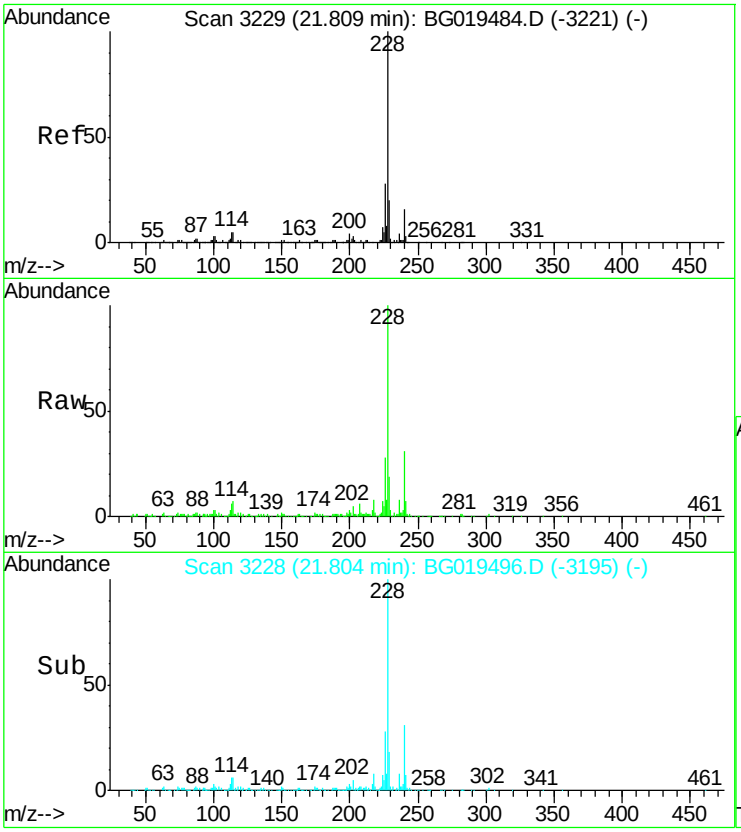


#80
Pyrene
Concen: 10.07 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Tgt Ion:202 Resp: 265640

Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.3	6.5#
100	7.3	3.6	5.4#



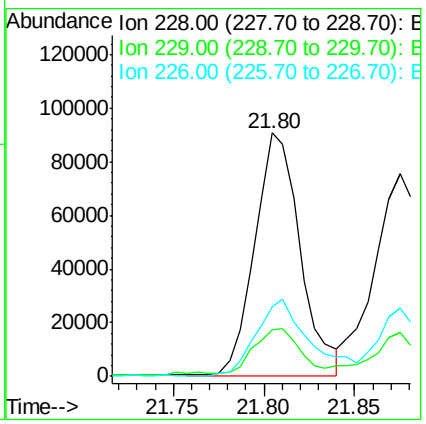


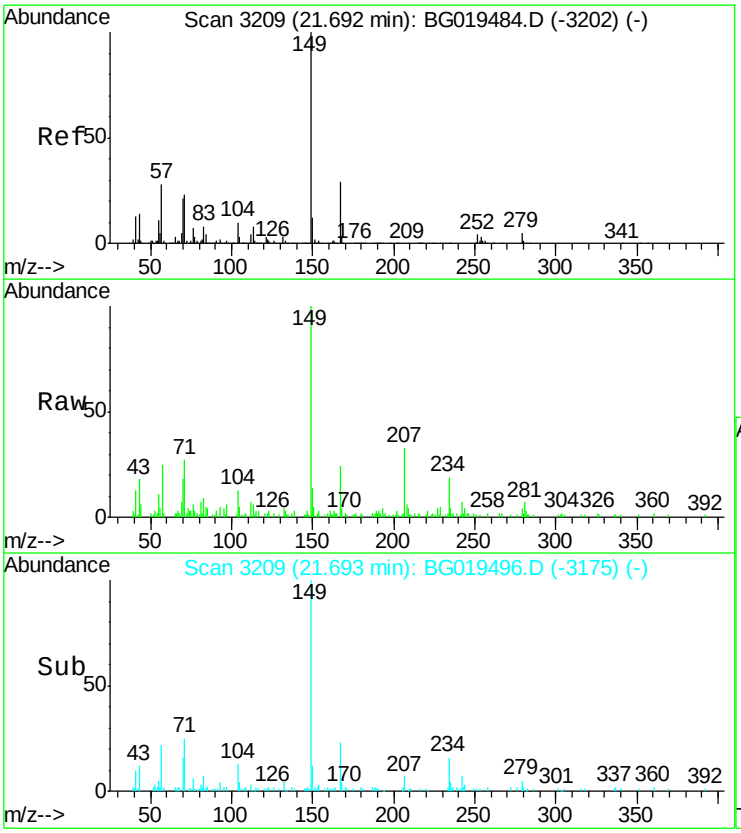
#83
Benzo(a)anthracene
Concen: 5.76 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tgt Ion:228 Resp: 157771

Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.8	23.8
226	28.3	21.8	32.6

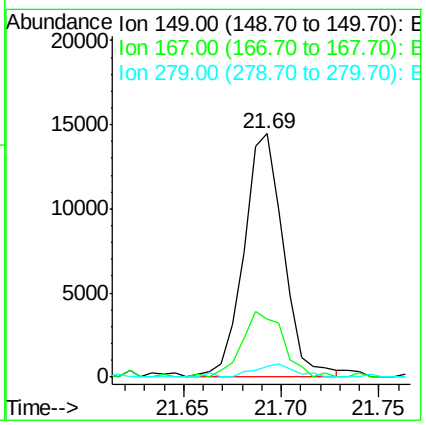


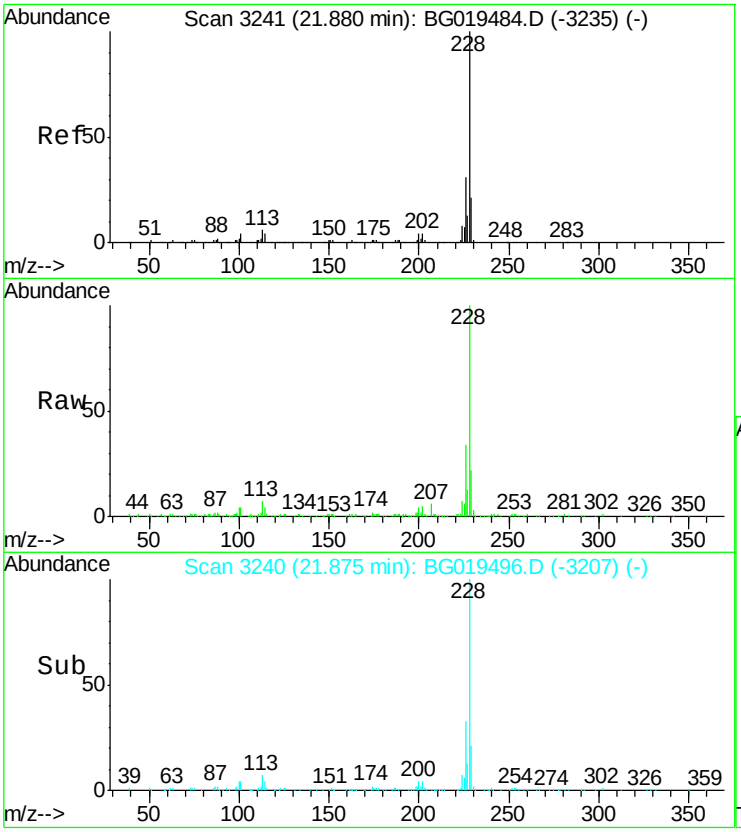


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.67 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Tgt Ion:149 Resp: 20297

Ion	Ratio	Lower	Upper
149	100		
167	24.0	23.2	34.8
279	4.4	5.0	7.4#



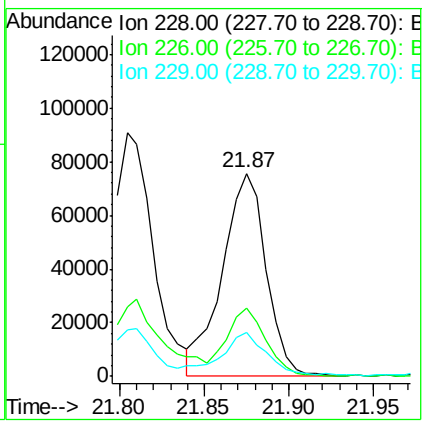


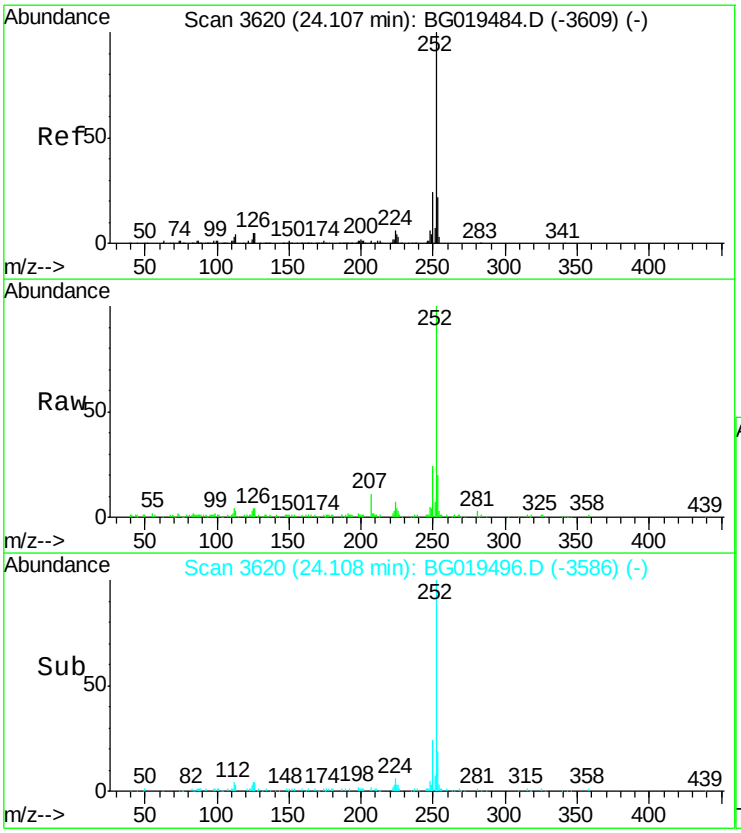
#85
Chrysene
Concen: 5.27 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tgt Ion:228 Resp: 135296

Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.6	36.8
229	21.8	17.3	25.9

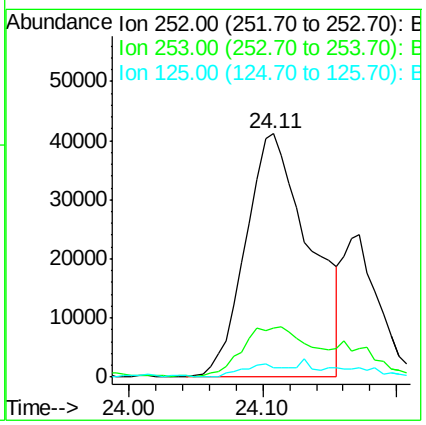


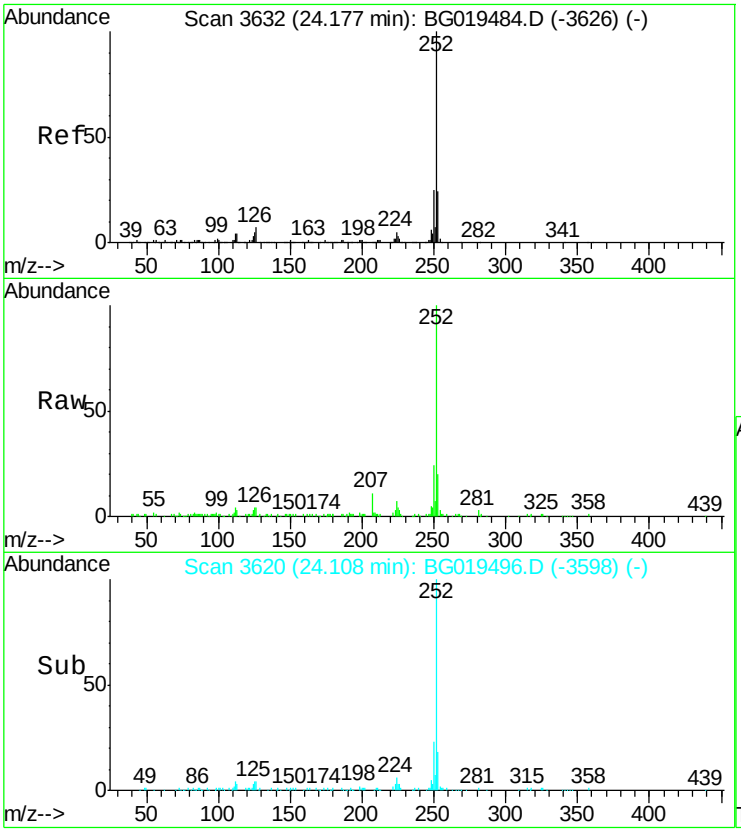


#88
Benzo(b)fluoranthene
Concen: 5.29 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Tgt Ion:252 Resp: 136421

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.1	25.7
125	4.0	2.5	3.7#



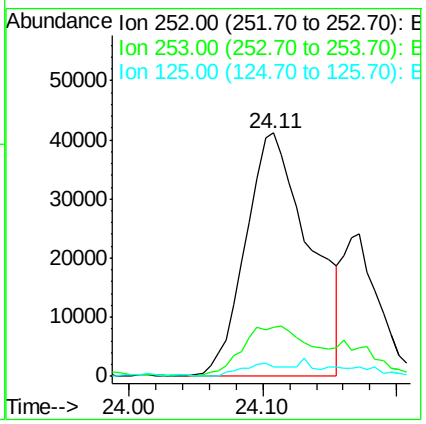


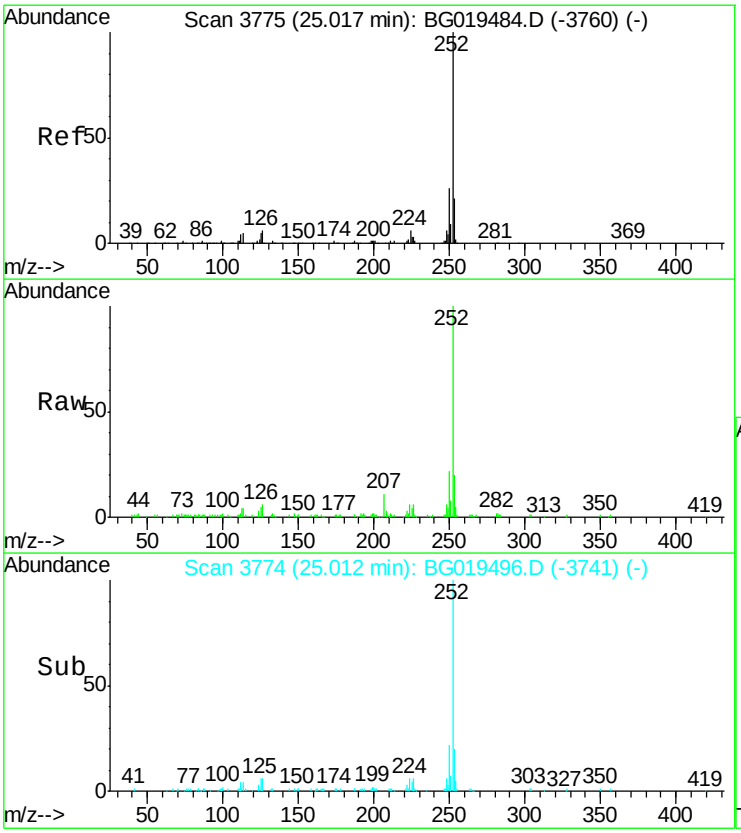
#89
Benzo(k)fluoranthene
Concen: 5.50 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. -0.07 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Instrument :
BNA_G
ClientSampleId :
C0AP6

Tgt Ion:252 Resp: 136421

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.2	25.8
125	4.0	3.1	4.7





#91
Benzo(a)pyrene
Concen: 3.89 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. -0.00 min
Lab File: BG019496.D
Acq: 5 Nov 2015 17:23

Tgt Ion:252 Resp: 96328

Ion	Ratio	Lower	Upper
252	100		
253	20.0	16.0	24.0
125	5.4	3.3	4.9#