Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
Data File : BG019494.D
Acq On : 5 Nov 2015 16:06
Operator : UM/NP
Sample : G4273-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP4

Quant Time: Nov 06 02:16:05 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	38559	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	162439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	131055	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	367169	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	465370	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	445029	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	2982	3.70	ng/uL	0.00
5) Phenol-d5	7.32	99	75016	21.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	50125	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	46429	21.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	61970	21.98	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	24133	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	29583	20.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	61374	19.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	74396	23.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	225840	20.90	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	252174	21.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	33736	19.65	ng/ul	0.00
58) Fluorene-d10	15.80	176	205411	20.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	39709	16.71	ng/ul	0.00
71) Anthracene-d10	17.65	188	348150	20.80	ng/ul	0.00
79) Pyrene-d10	19.92	212	409865	20.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	473254	21.19	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.06	128	11004	1.35	ng/ul#	86
34) 2-Methylnaphthalene	12.65	142	24256	3.71	ng/ul	83
35) 1-Methylnaphthalene	12.86	142	18892	3.06	ng/ul#	86
45) Dimethylphthalate	14.25	163	96720	8.75	ng/ul	97
50) Acenaphthene	14.87	153	94759	11.45	ng/ul	95
54) Dibenzofuran	15.20	168	84034	6.89	ng/ul	96
59) Fluorene	15.85	166	128941	12.12	ng/ul	95
70) Phenanthrene	17.59	178	569556	30.74	ng/ul	97
72) Anthracene	17.68	178	363729	19.26	ng/ul	98
75) Carbazole	17.95	167	47770	3.17	ng/ul	99
77) Fluoranthene	19.74	202	36830	1.54	ng/ul	99
80) Pyrene	19.95	202	374337	14.33	ng/ul#	92
83) Benzo(a)anthracene	21.81	228	192596	7.11	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.69	149	19550	1.62	ng/ul#	89
85) Chrysene	21.88	228	169786	6.68	ng/ul	99
88) Benzo(b)fluoranthene	24.11	252	148660	5.66	ng/ul#	91
89) Benzo(k)fluoranthene	24.17	252	52316	2.07	ng/ul#	97
91) Benzo(a)pyrene	25.01	252	118487	4.70	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.00	276	51276	1.81	ng/ul#	93
94) Benzo(g,h,i)perylene	30.20	276	29138	1.35	ng/ul#	90

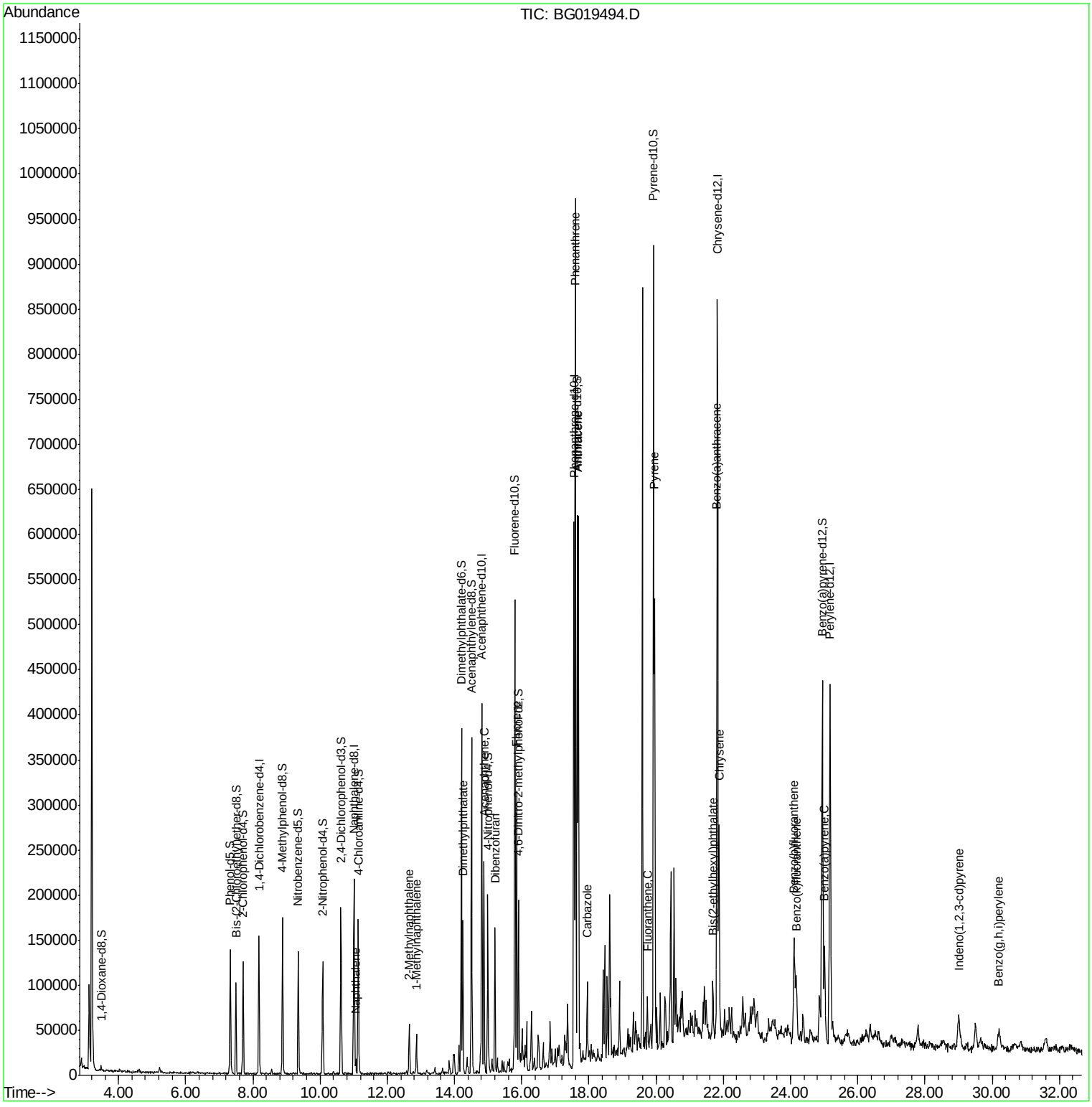
(#) = qualifier out of range (m) = manual integration (+) = signals summed

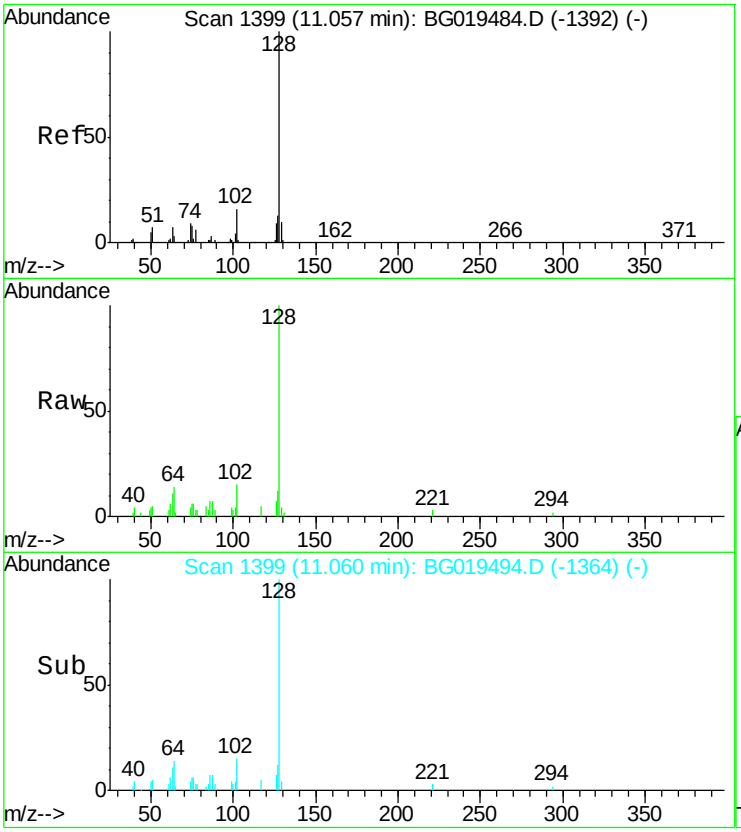
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
Data File : BG019494.D
Acq On : 5 Nov 2015 16:06
Operator : UM/NP
Sample : G4273-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP4

Quant Time: Nov 06 02:16:05 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



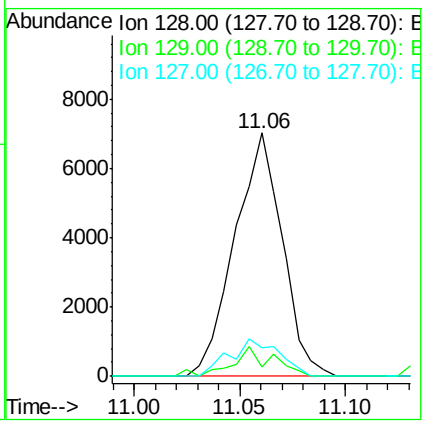


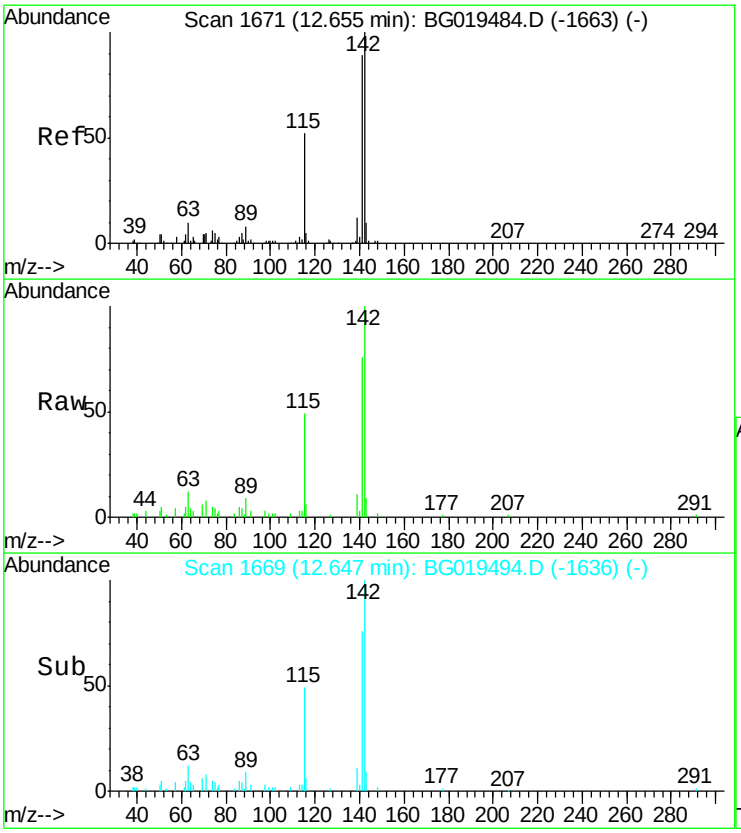
#28
Naphthalene
Concen: 1.35 ng/ul
RT: 11.06 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:128 Resp: 11004

Ion	Ratio	Lower	Upper
128	100		
129	4.1	8.9	13.3#
127	11.9	13.1	19.7#

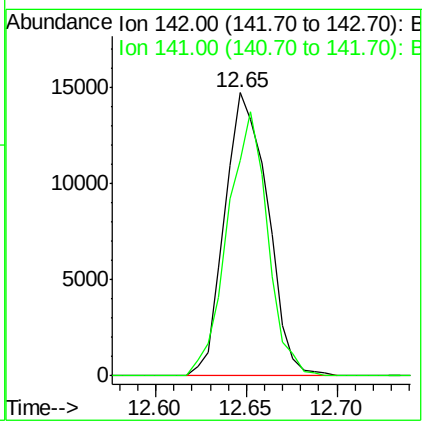


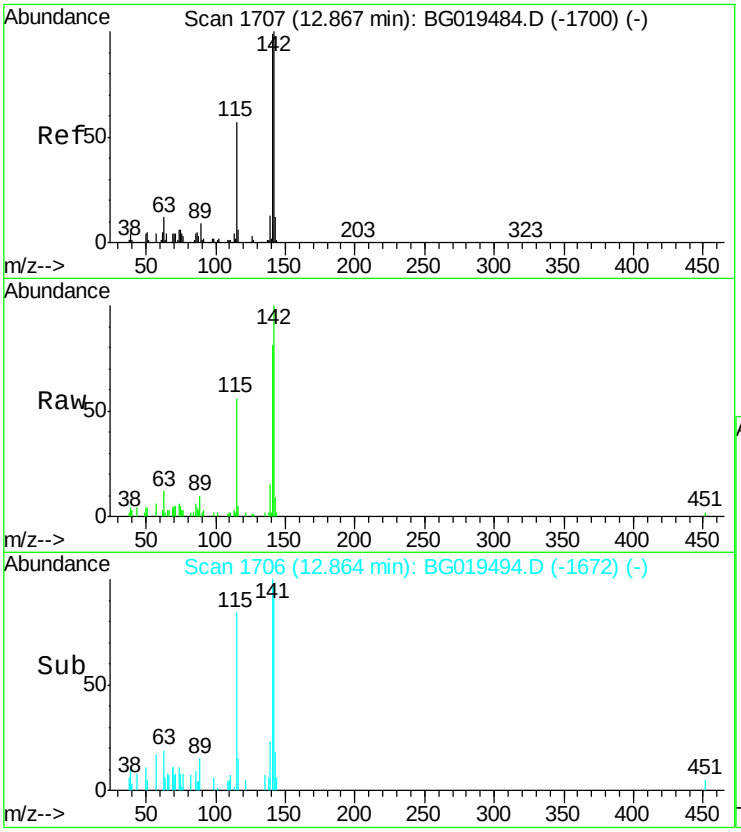


#34
2-Methylnaphthalene
Concen: 3.71 ng/ul
RT: 12.65 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:142 Resp: 24256

Ion	Ratio	Lower	Upper
142	100		
141	76.0	73.4	110.2



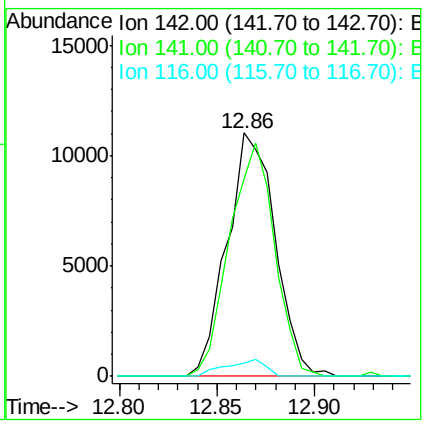


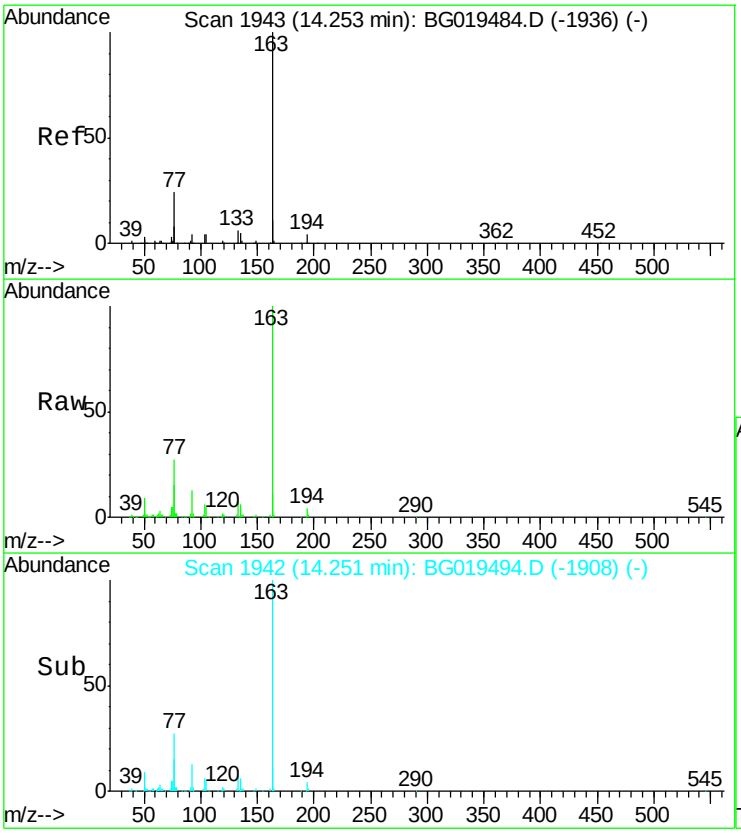
#35
1-Methylnaphthalene
Concen: 3.06 ng/ul
RT: 12.86 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:142 Resp: 18892

Ion	Ratio	Lower	Upper
142	100		
141	81.0	76.5	114.7
116	5.3	5.4	8.0#

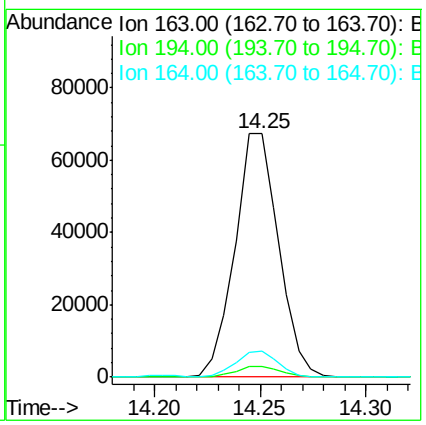


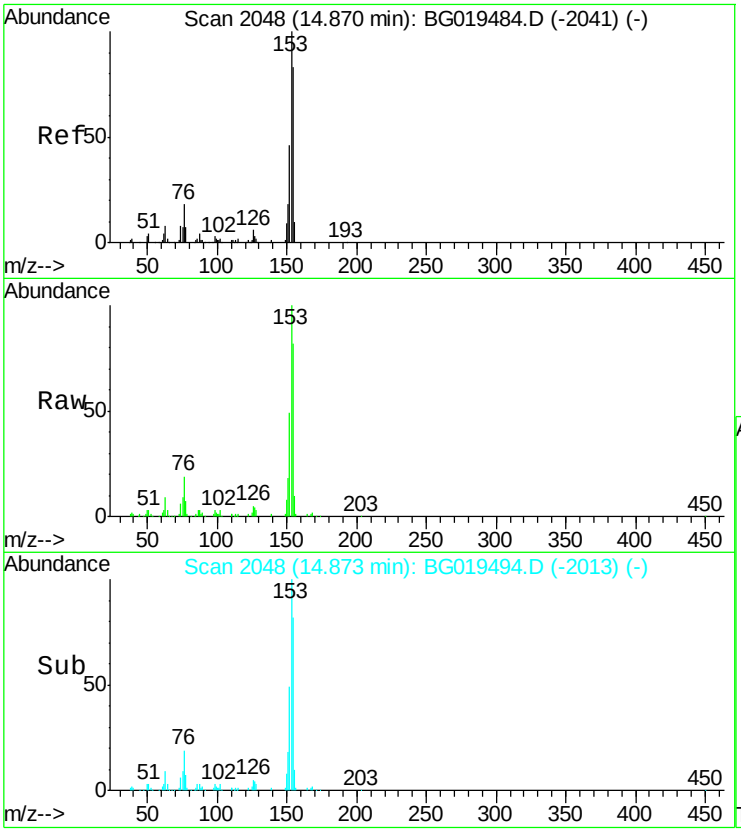


#45
Dimethylphthalate
Concen: 8.75 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:163 Resp: 96720

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.3	6.5
164	10.6	7.5	11.3



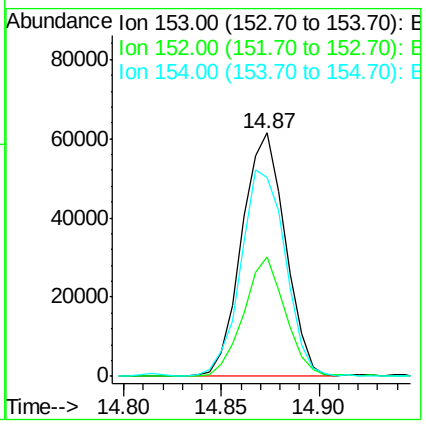


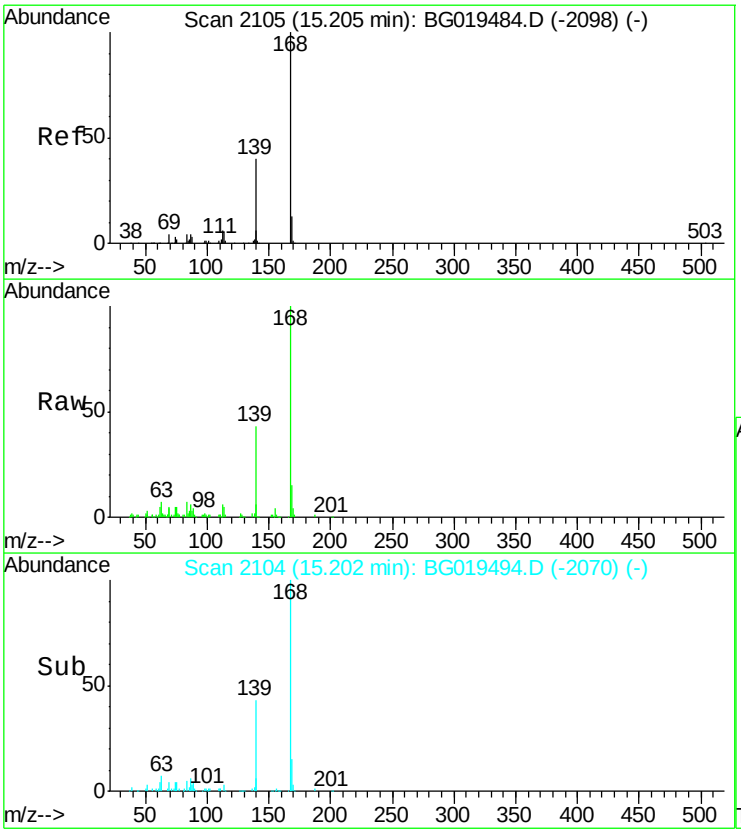
#50
Acenaphthene
Concen: 11.45 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:153 Resp: 94759

Ion	Ratio	Lower	Upper
153	100		
152	49.0	38.8	58.2
154	81.8	71.5	107.3

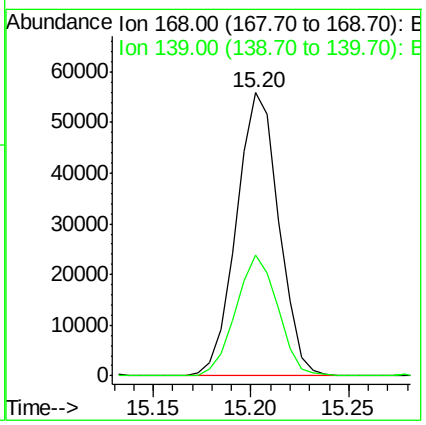


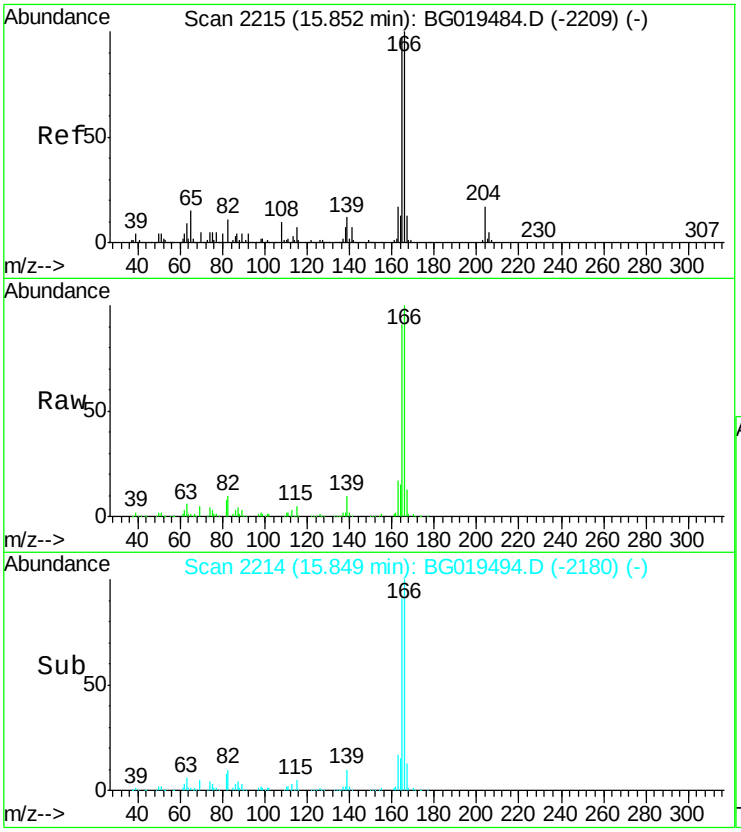


#54
Dibenzofuran
Concen: 6.89 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:168 Resp: 84034

Ion	Ratio	Lower	Upper
168	100		
139	42.8	32.4	48.6



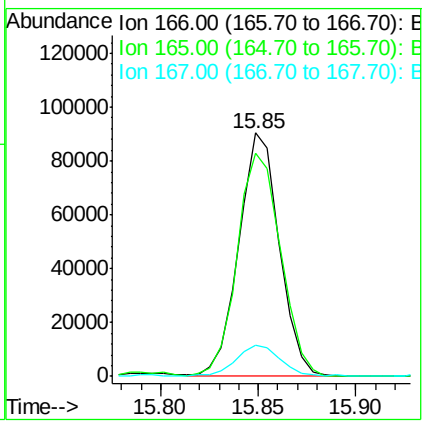


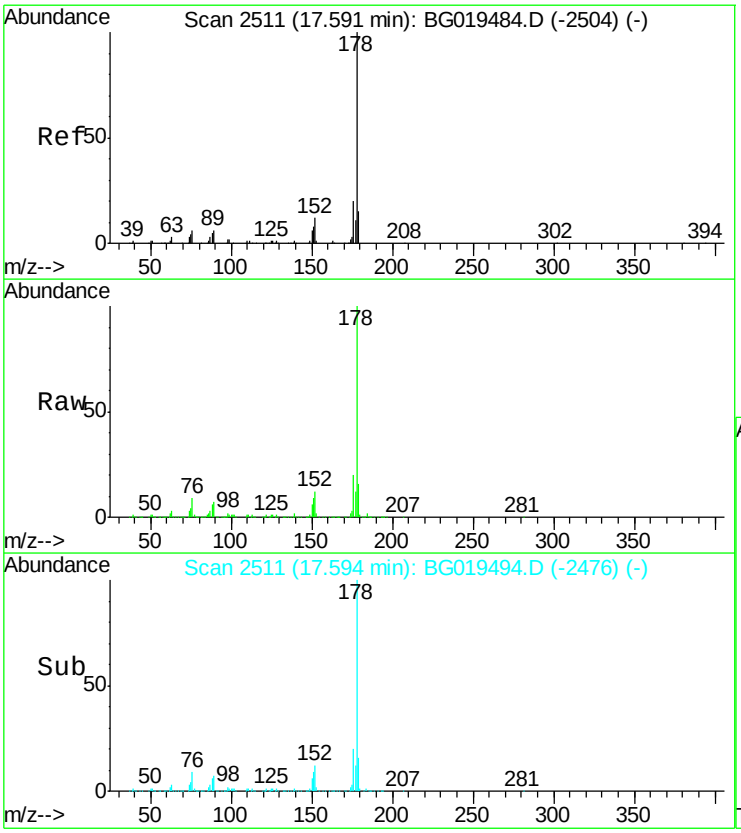
#59
Fluorene
Concen: 12.12 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:166 Resp: 128941

Ion	Ratio	Lower	Upper
166	100		
165	91.4	77.6	116.4
167	12.6	9.6	14.4

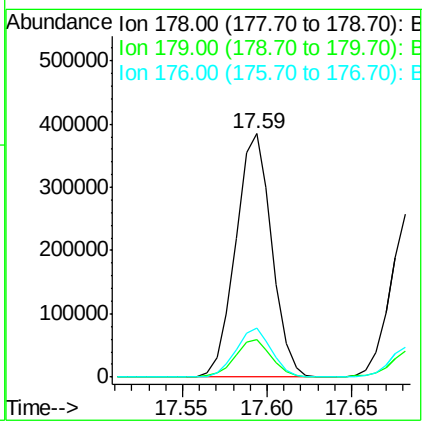


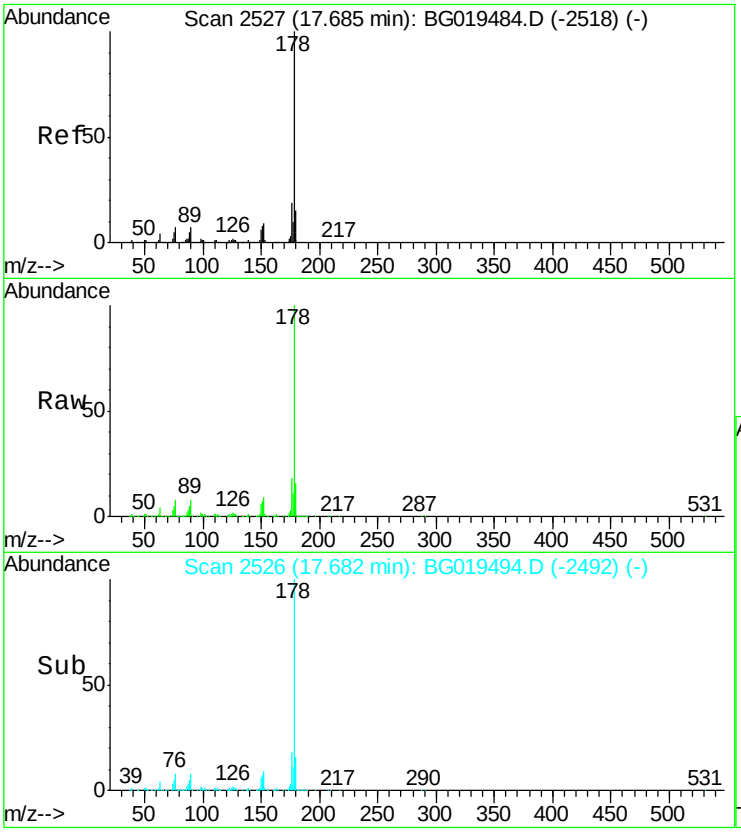


#70
Phenanthrene
Concen: 30.74 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:178 Resp: 569556

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	20.3	14.3	21.5



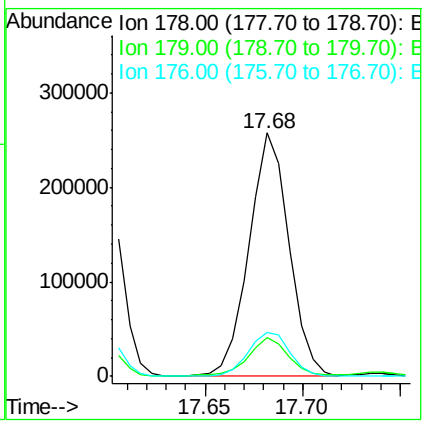


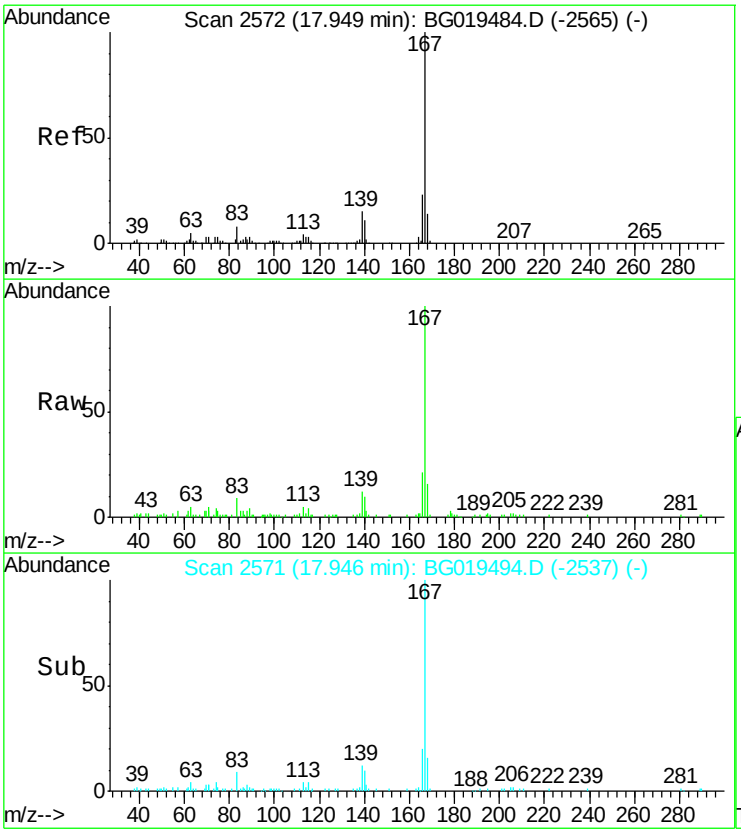
#72
Anthracene
Concen: 19.26 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:178 Resp: 363729

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.6	17.4
176	18.0	14.2	21.4

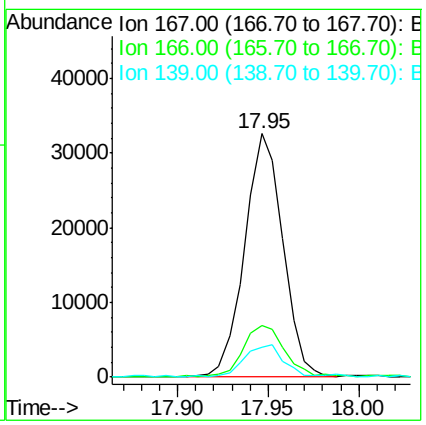


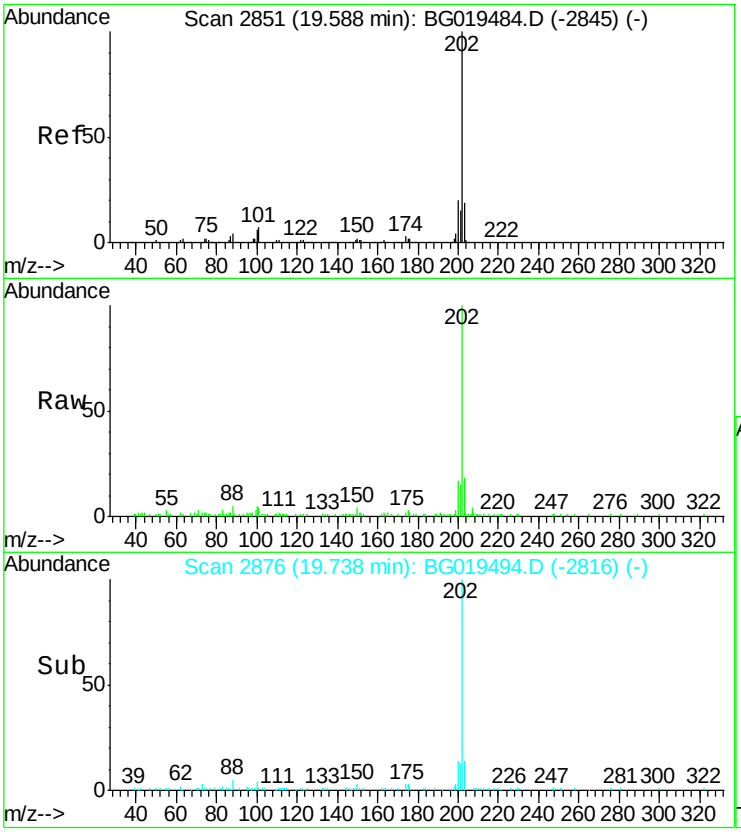


#75
Carbazole
Concen: 3.17 ng/ul
RT: 17.95 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:167 Resp: 47770

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.8	25.2
139	12.4	9.8	14.6



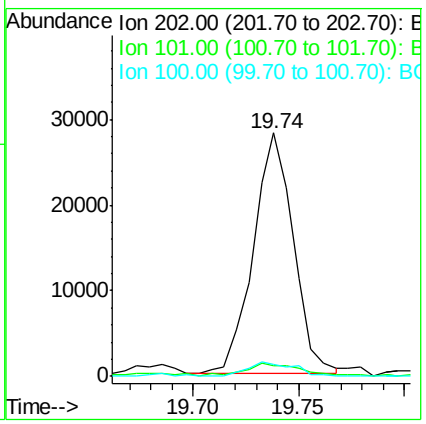


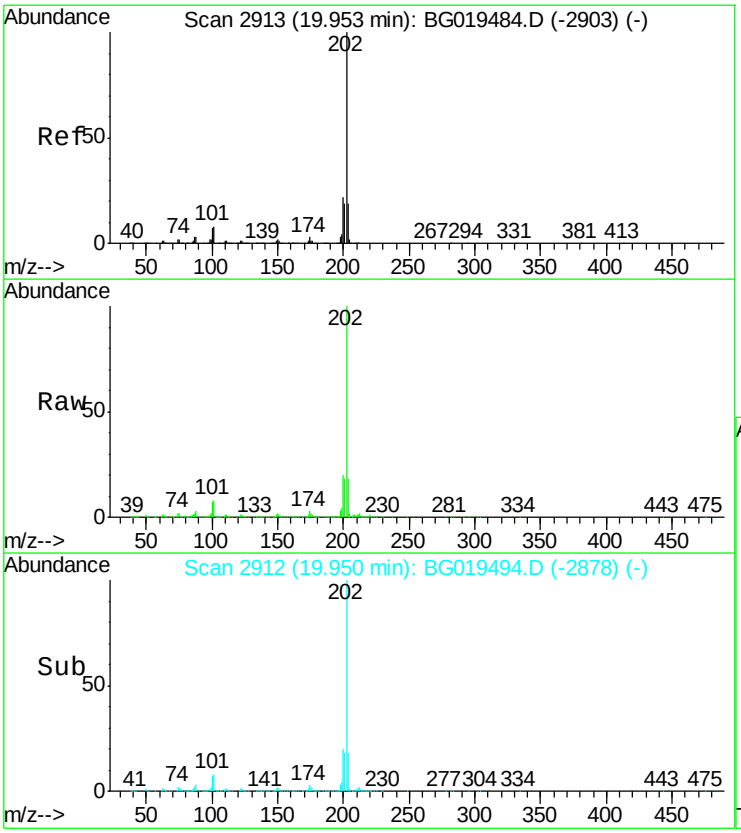
#77
Fluoranthene
Concen: 1.54 ng/ul
RT: 19.74 min Scan# 2876
Delta R.T. 0.15 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:202 Resp: 36830

Ion	Ratio	Lower	Upper
202	100		
101	4.4	4.0	6.0
100	4.8	3.6	5.4

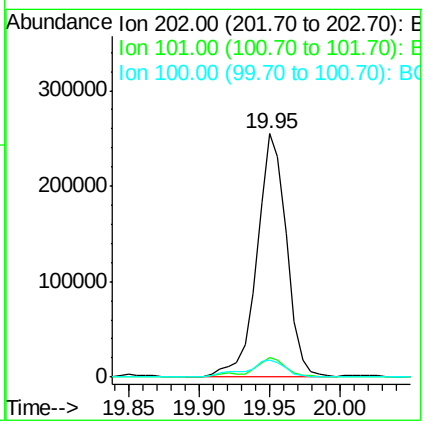


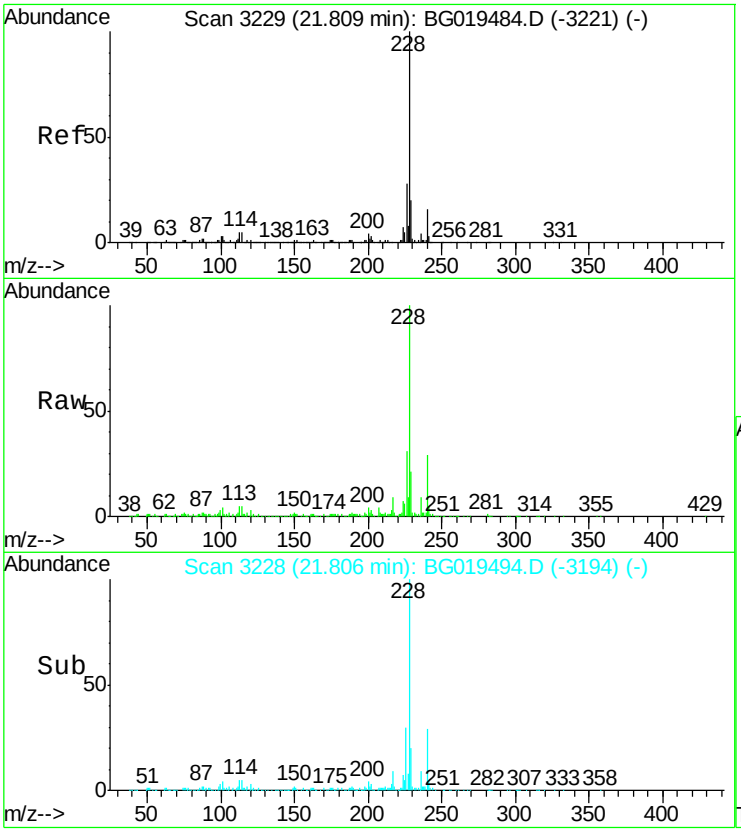


#80
Pyrene
Concen: 14.33 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:202 Resp: 374337

Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.3	6.5#
100	7.0	3.6	5.4#



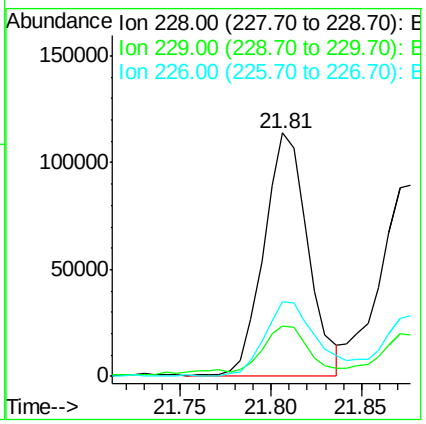


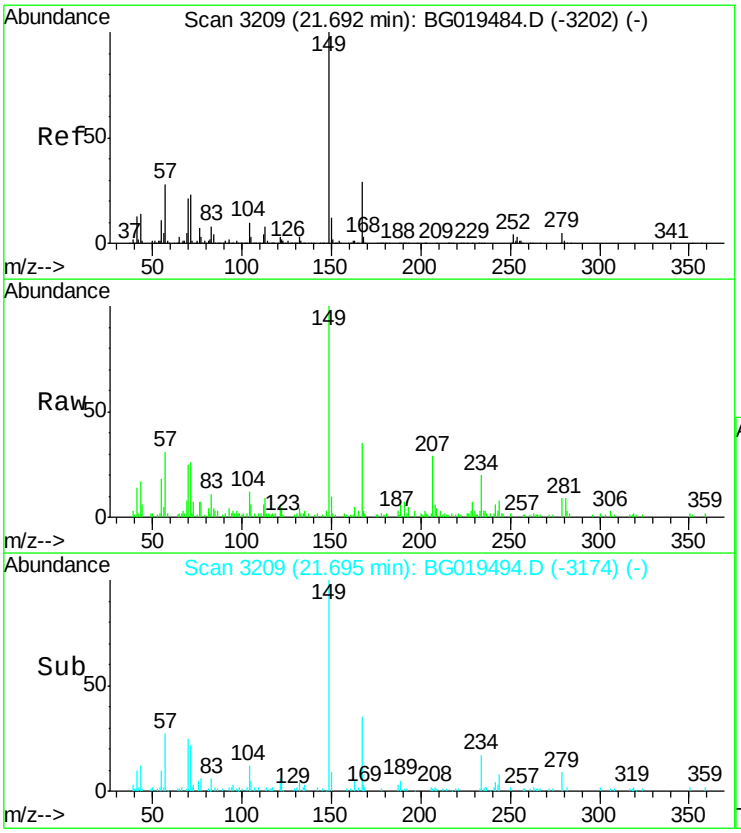
#83
Benzo(a)anthracene
Concen: 7.11 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:228 Resp: 192596

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	30.8	21.8	32.6

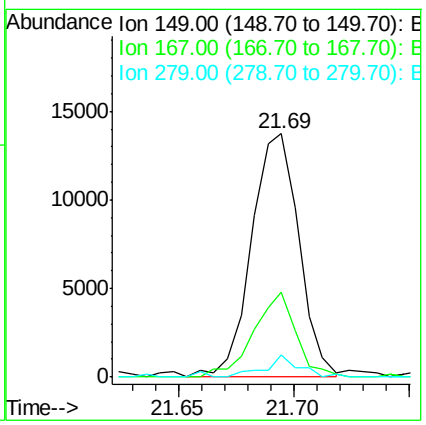


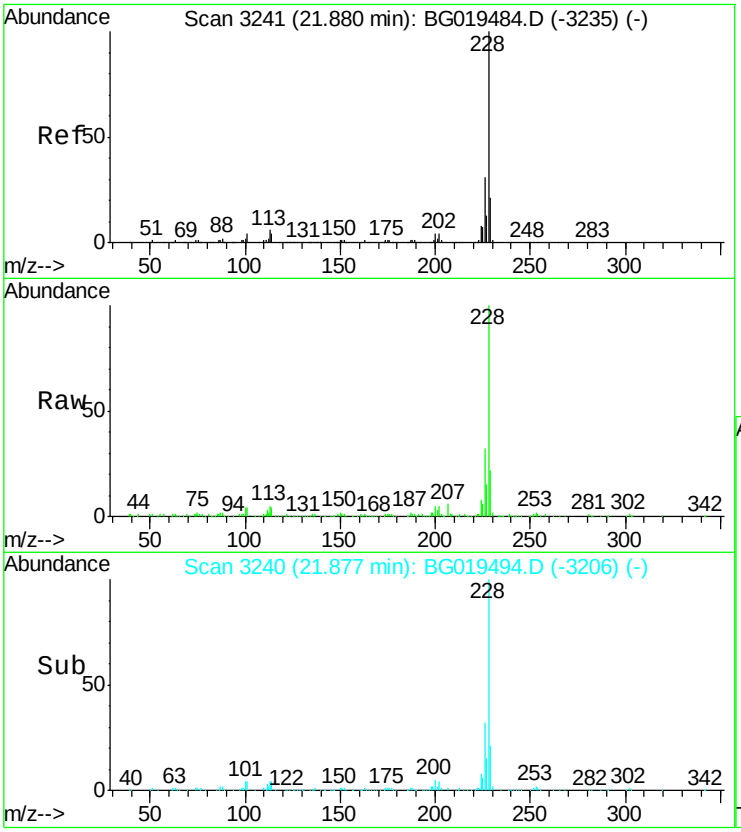


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.62 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:149 Resp: 19550

Ion	Ratio	Lower	Upper
149	100		
167	35.1	23.2	34.8#
279	8.9	5.0	7.4#



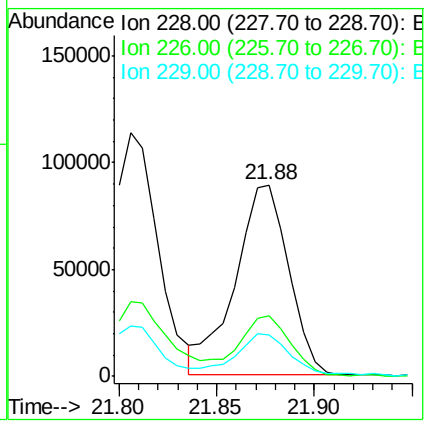


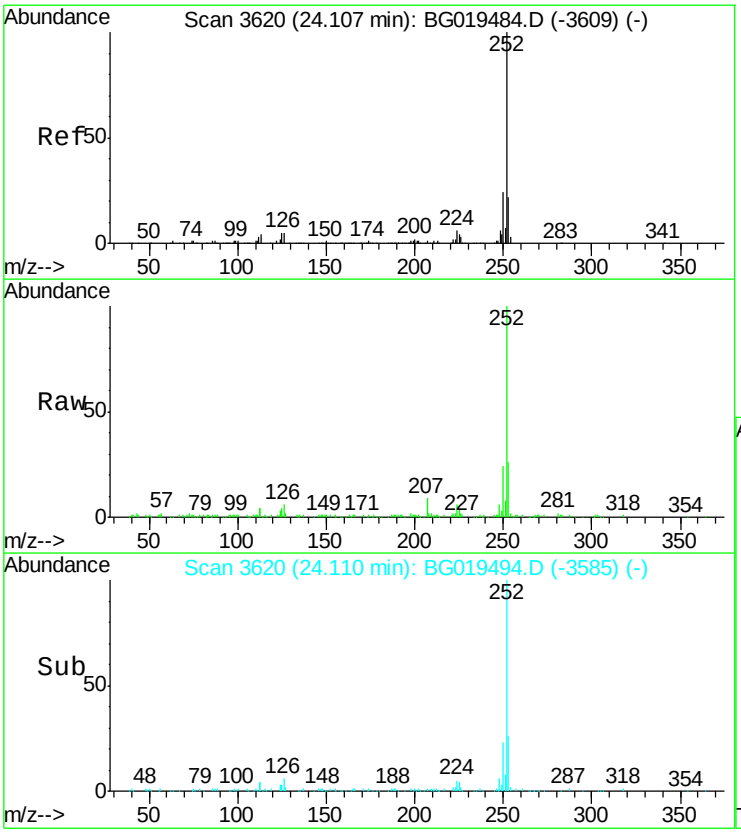
#85
Chrysene
Concen: 6.68 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:228 Resp: 169786

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	36.8
229	21.7	17.3	25.9

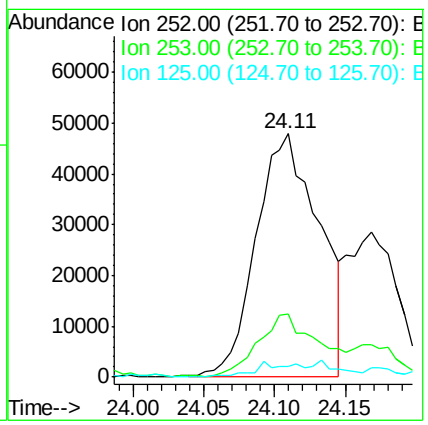


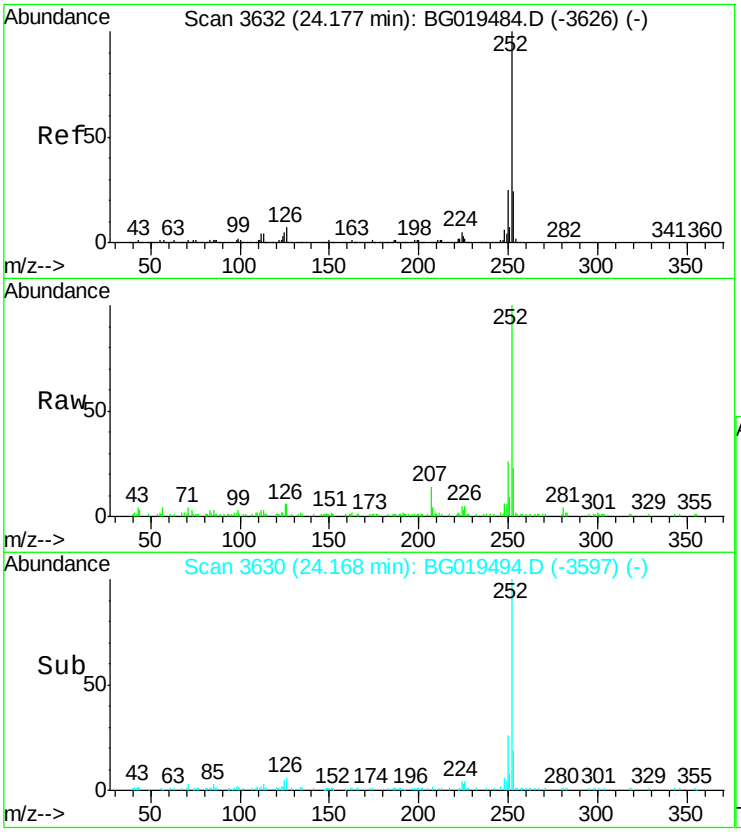


#88
Benzo(b)fluoranthene
Concen: 5.66 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:252 Resp: 148660

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	4.3	2.5	3.7#



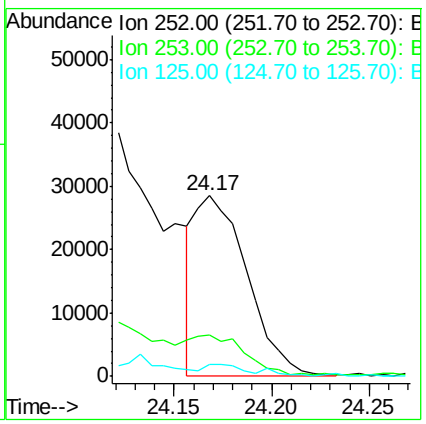


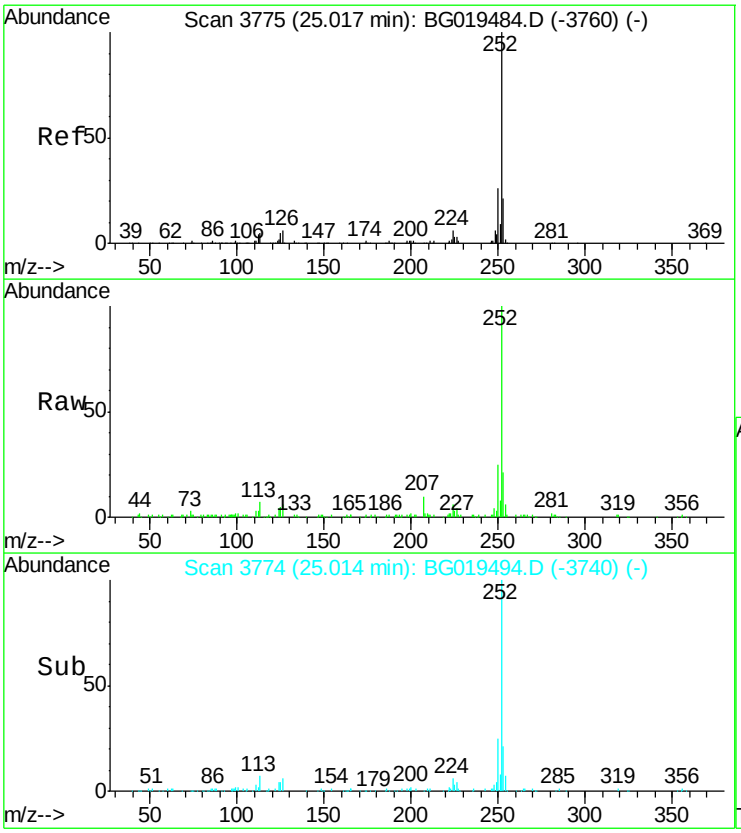
#89
Benzo(k)fluoranthene
Concen: 2.07 ng/ul
RT: 24.17 min Scan# 3630
Delta R.T. -0.01 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:252 Resp: 52316

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	6.3	3.1	4.7#

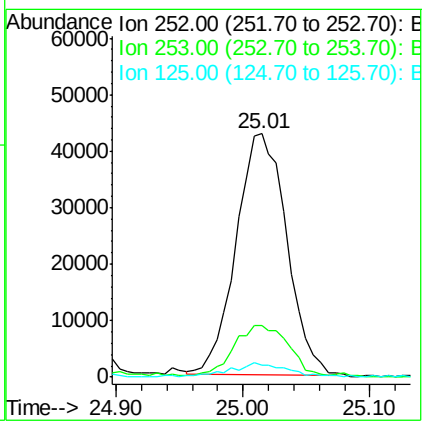


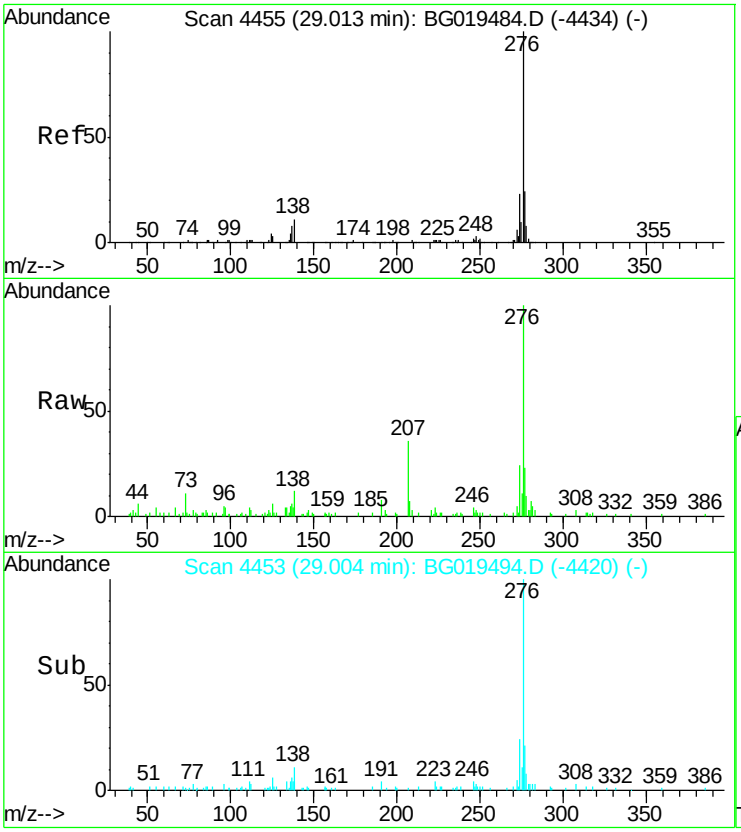


#91
Benzo(a)pyrene
Concen: 4.70 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. -0.00 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:252 Resp: 118487

Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.0	24.0
125	5.1	3.3	4.9#



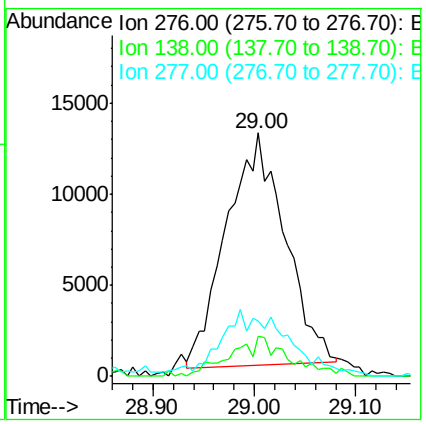


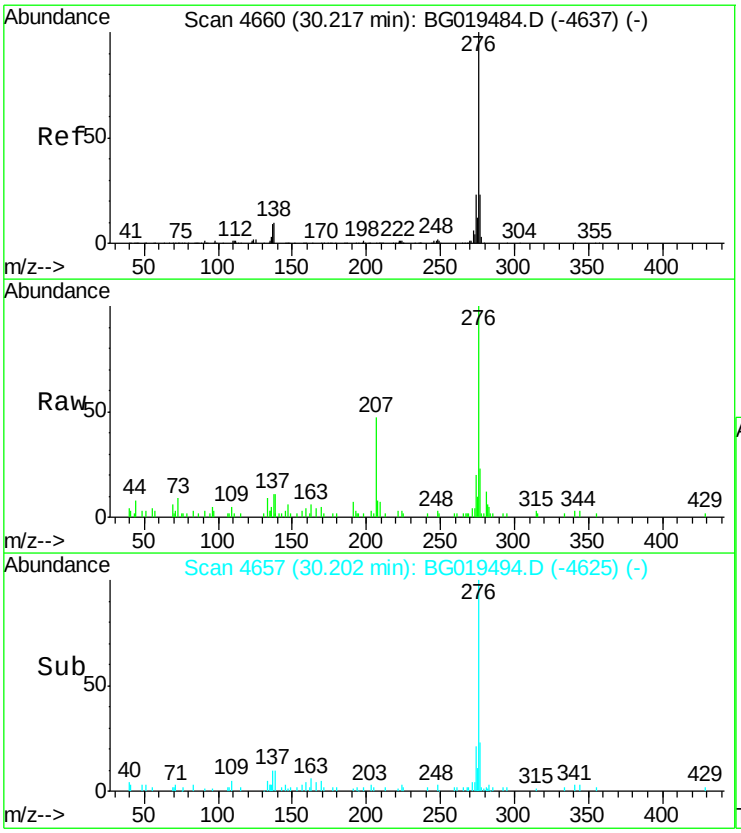
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.81 ng/ul
RT: 29.00 min Scan# 4453
Delta R.T. -0.01 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tgt Ion:276 Resp: 51276

Ion	Ratio	Lower	Upper
276	100		
138	16.4	6.2	9.4#
277	22.8	17.9	26.9





#94
Benzo(g,h,i)perylene
Concen: 1.35 ng/ul
RT: 30.20 min Scan# 4657
Delta R.T. -0.01 min
Lab File: BG019494.D
Acq: 5 Nov 2015 16:06

Tgt Ion:276 Resp: 29138

Ion	Ratio	Lower	Upper
276	100		
138	13.6	5.6	8.4#
277	23.0	16.0	24.0