Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
Data File : BG019488.D
Acq On : 5 Nov 2015 12:15
Operator : UM/NP
Sample : G4273-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

Quant Time: Nov 06 02:14:04 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	34333	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	142715	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	120413	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	338745	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	451746	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	427456	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	2673	3.73	ng/uL	0.00
5) Phenol-d5	7.33	99	58694	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	39129	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	34862	17.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	45664	18.19	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	18322	17.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23689	19.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	47454	17.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	53413	19.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	174645	17.59	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	190794	17.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	25966	16.46	ng/ul	0.00
58) Fluorene-d10	15.79	176	156878	17.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	32052	14.62	ng/ul	0.00
71) Anthracene-d10	17.64	188	268914	17.41	ng/ul	0.00
79) Pyrene-d10	19.92	212	329531	16.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	371129	17.30	ng/ul	0.00
Target Compounds						Qvalue
35) 1-Methylnaphthalene	12.87	142	5541	1.02	ng/ul#	97
45) Dimethylphthalate	14.25	163	69882	6.88	ng/ul	98
50) Acenaphthene	14.87	153	75501	9.93	ng/ul	99
54) Dibenzofuran	15.21	168	60770	5.42	ng/ul	94
59) Fluorene	15.85	166	89897	9.20	ng/ul	98
70) Phenanthrene	17.59	178	322637	18.87	ng/ul	95
72) Anthracene	17.68	178	174846	10.03	ng/ul	94
75) Carbazole	17.94	167	17911	1.29	ng/ul#	94
77) Fluoranthene	19.59	202	393033	17.76	ng/ul#	97
80) Pyrene	19.95	202	278045	10.97	ng/ul#	95
83) Benzo(a)anthracene	21.81	228	151326	5.75	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.69	149	12195	1.04	ng/ul	96
85) Chrysene	21.87	228	109201	4.42	ng/ul	98
88) Benzo(b)fluoranthene	24.10	252	122519	4.86	ng/ul#	91
89) Benzo(k)fluoranthene	24.17	252	33748	1.39	ng/ul#	97
91) Benzo(a)pyrene	25.01	252	96335	3.98	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.01	276	42776	1.57	ng/ul	93

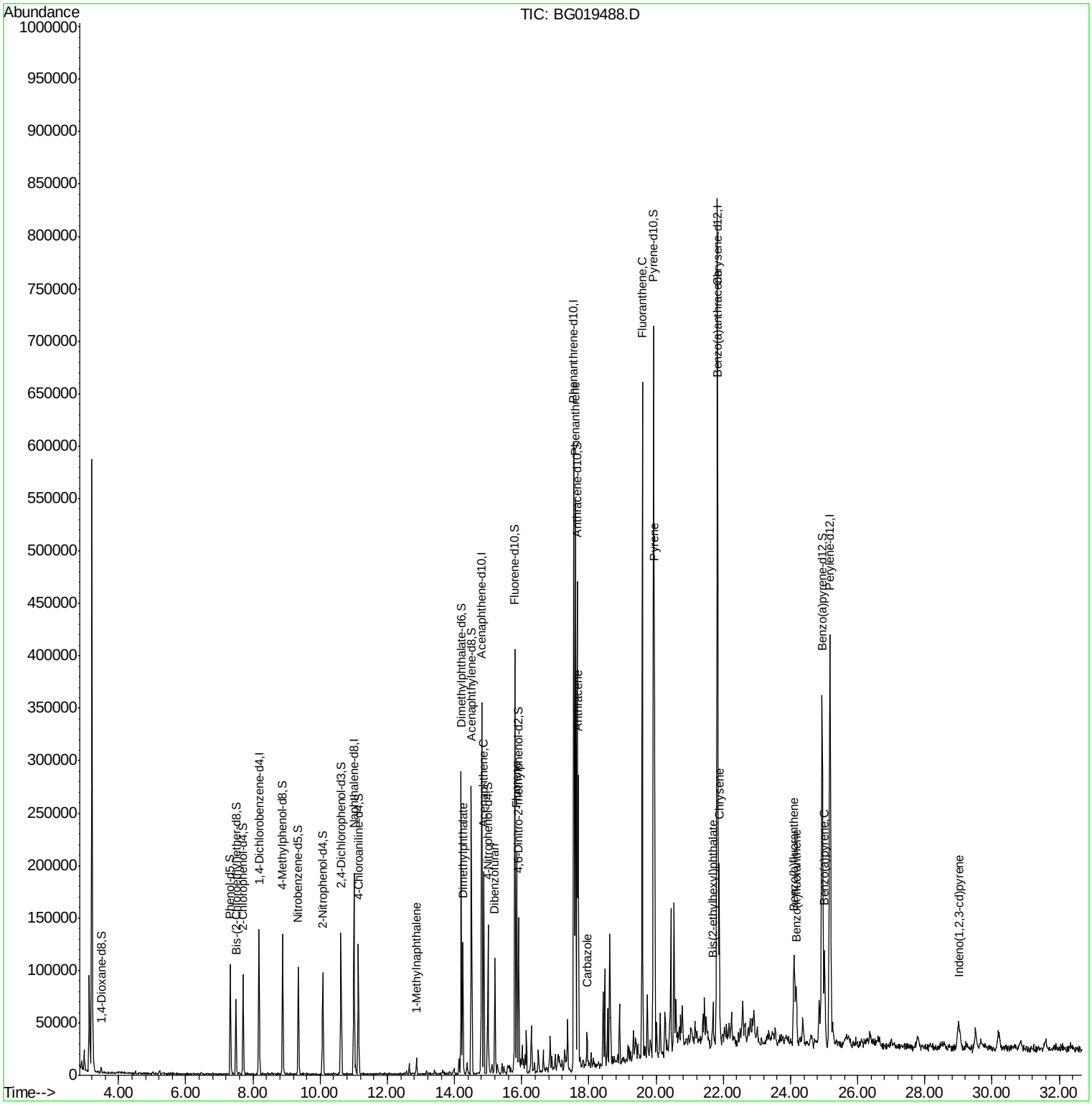
(#) = qualifier out of range (m) = manual integration (+) = signals summed

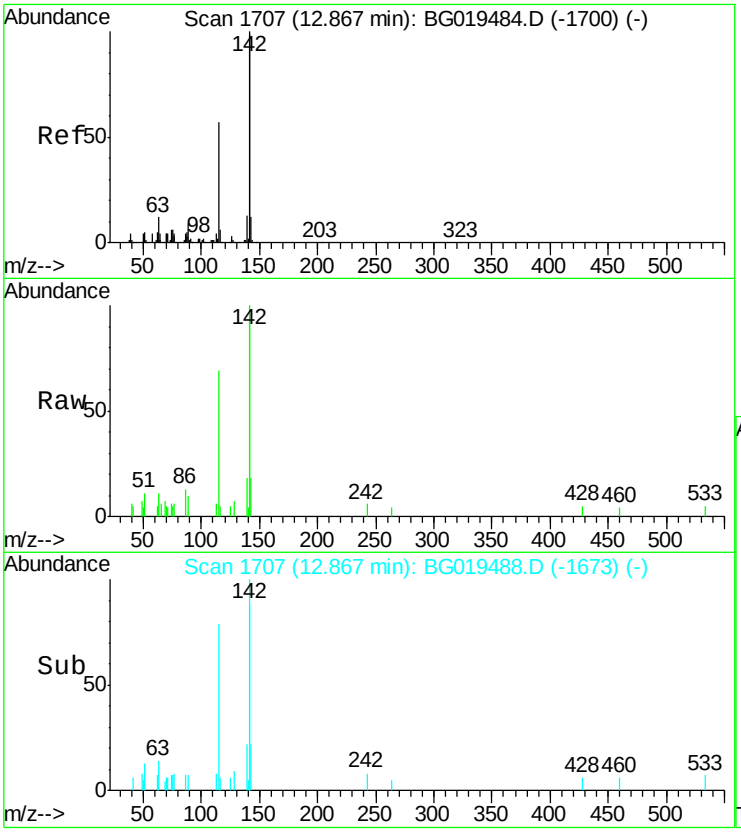
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
Data File : BG019488.D
Acq On : 5 Nov 2015 12:15
Operator : UM/NP
Sample : G4273-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN7

Quant Time: Nov 06 02:14:04 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



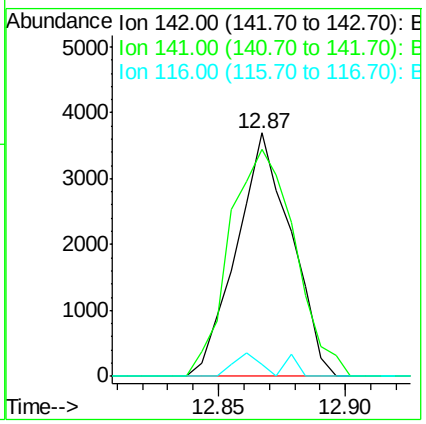


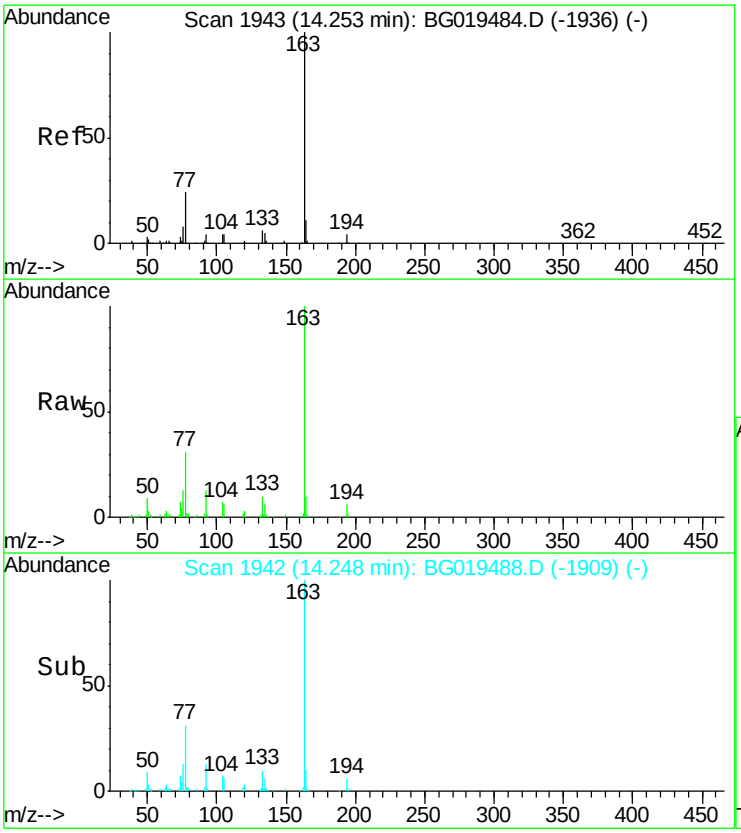
#35
1-Methylnaphthalene
Concen: 1.02 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:142 Resp: 5541

Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.5	114.7
116	4.8	5.4	8.0#

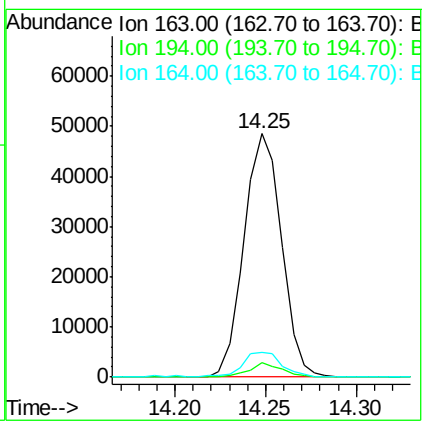


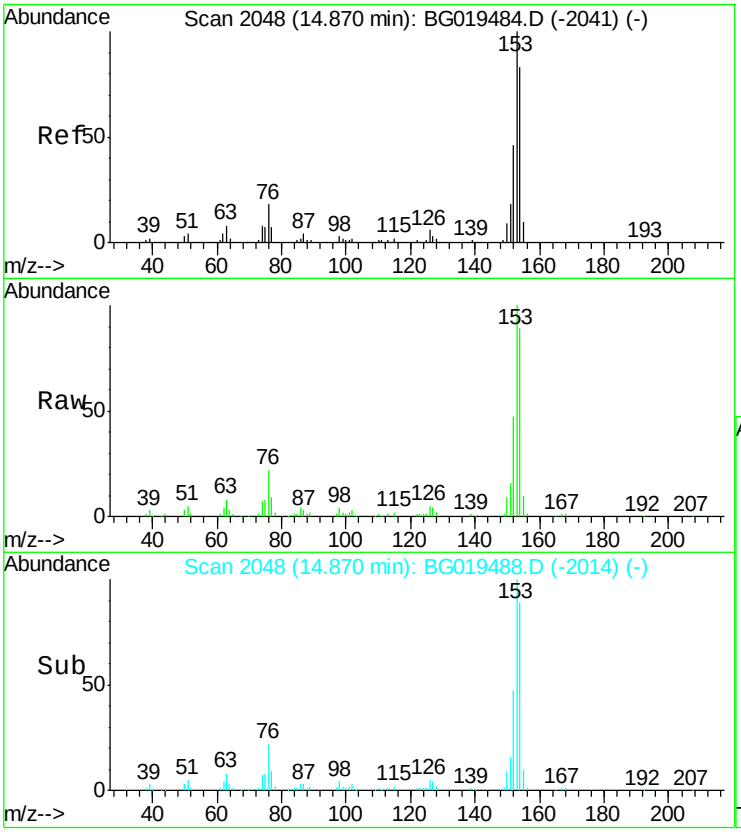


#45
Dimethylphthalate
Concen: 6.88 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Tgt Ion:163 Resp: 69882

Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.3	6.5
164	10.1	7.5	11.3



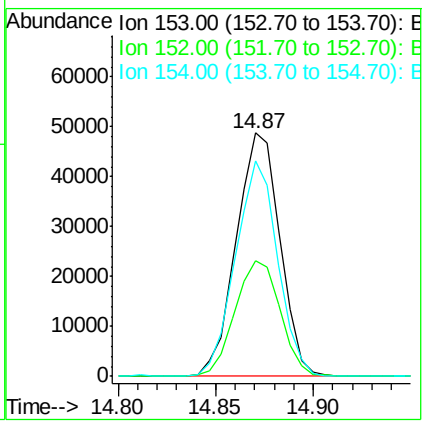


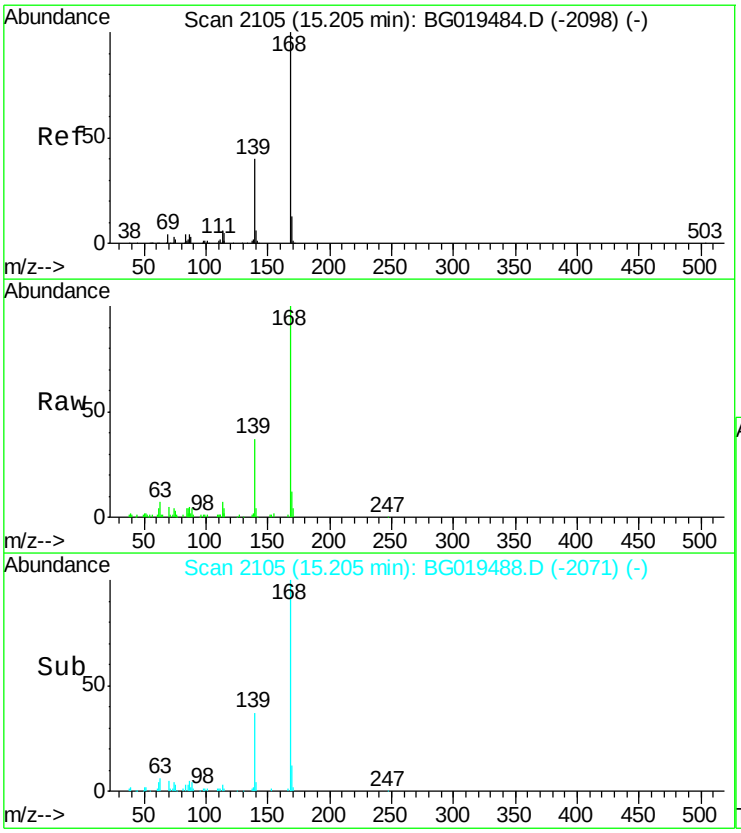
#50
Acenaphthene
Concen: 9.93 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:153 Resp: 75501

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.8	58.2
154	88.6	71.5	107.3

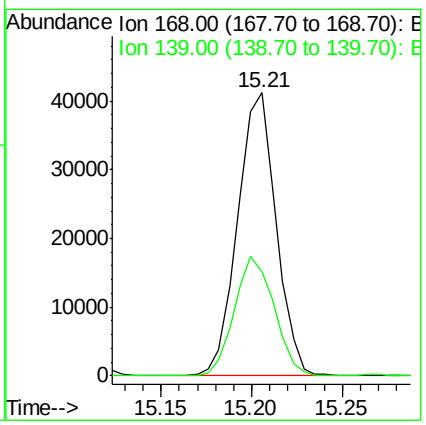


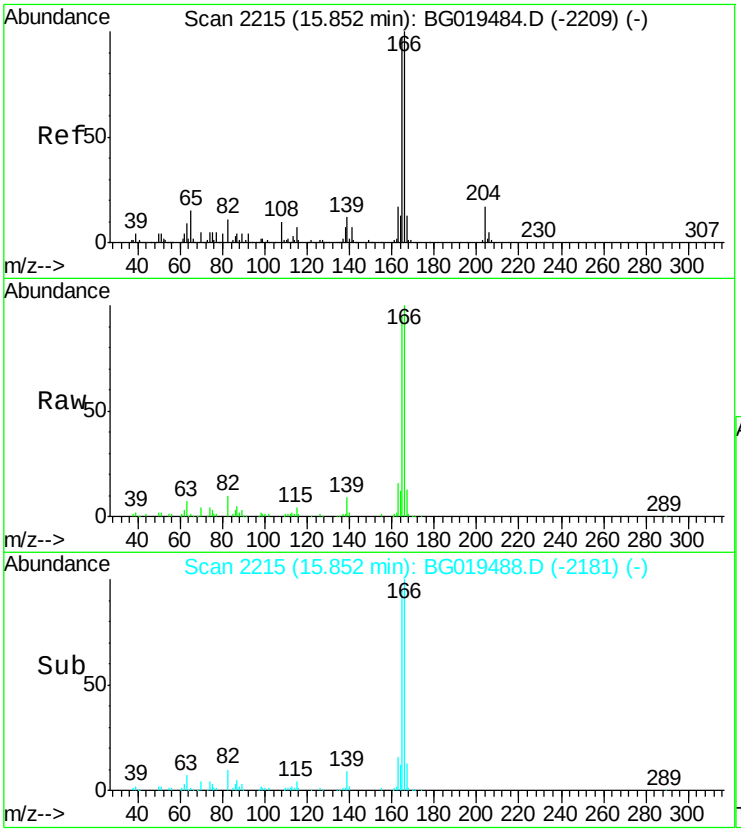


#54
Dibenzofuran
Concen: 5.42 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Tgt Ion:168 Resp: 60770

Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.4	48.6



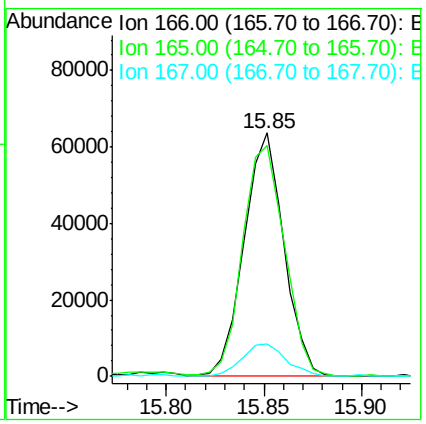


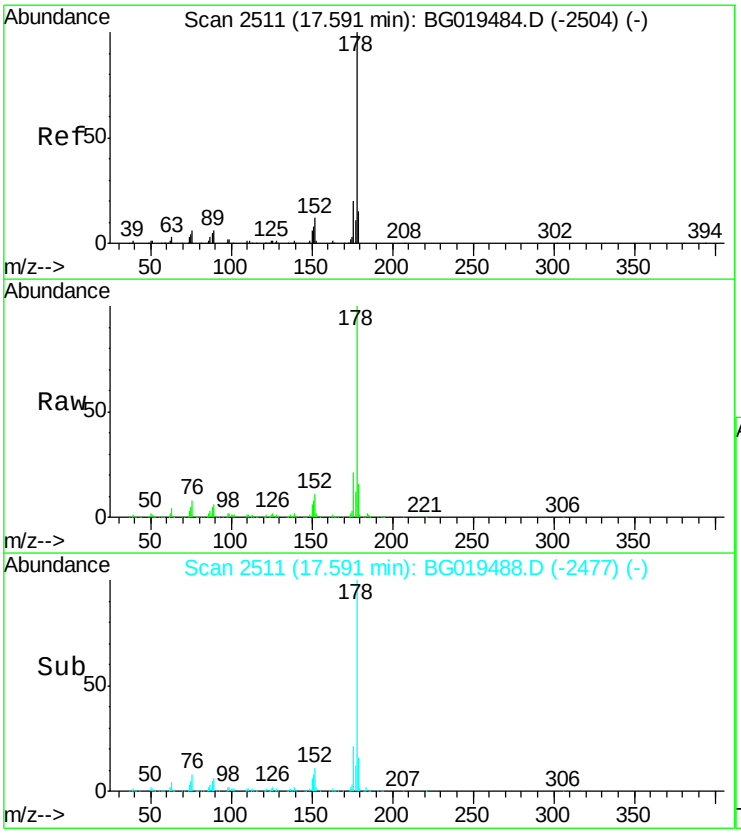
#59
Fluorene
Concen: 9.20 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:166 Resp: 89897

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.6	116.4
167	13.1	9.6	14.4

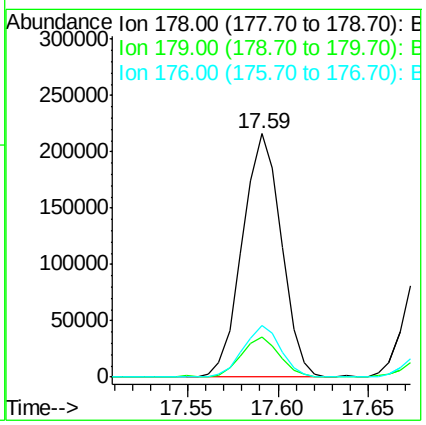


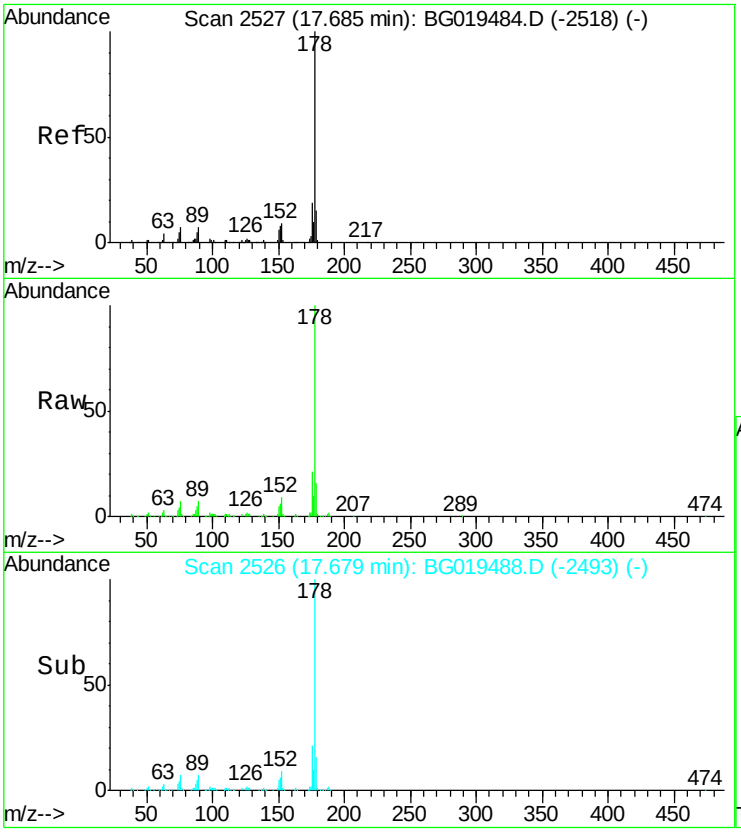


#70
Phenanthrene
Concen: 18.87 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Tgt Ion:178 Resp: 322637

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	18.8
176	21.0	14.3	21.5



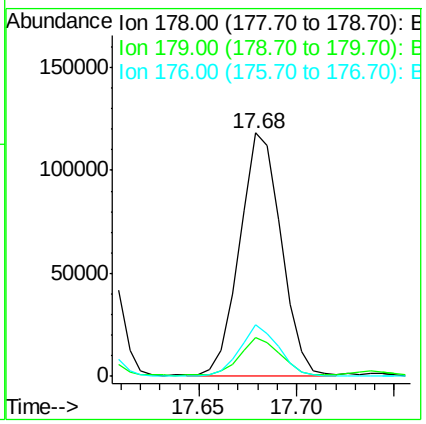


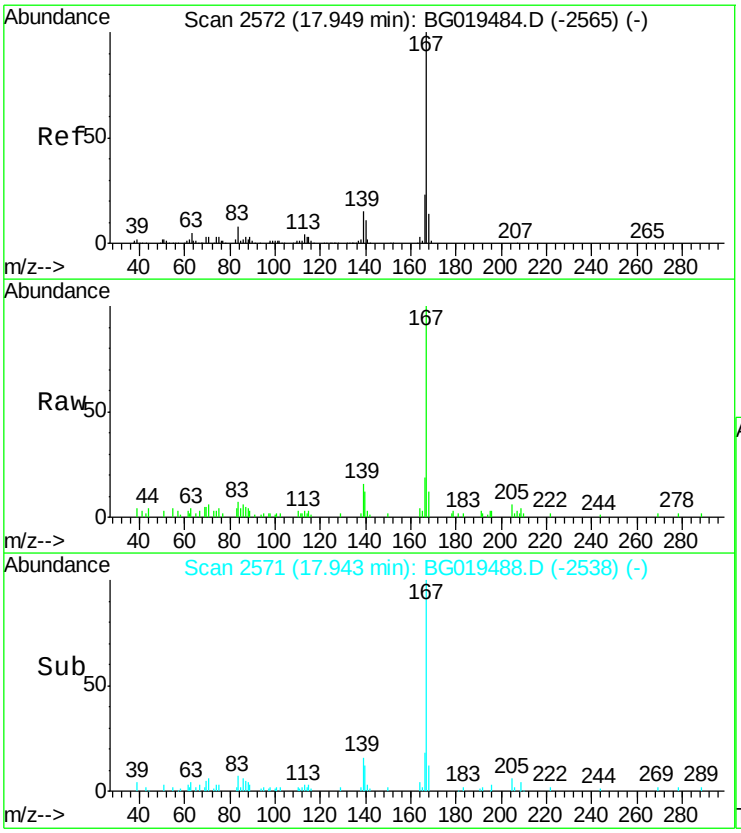
#72
Anthracene
Concen: 10.03 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:178 Resp: 174846

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.6	17.4
176	21.1	14.2	21.4

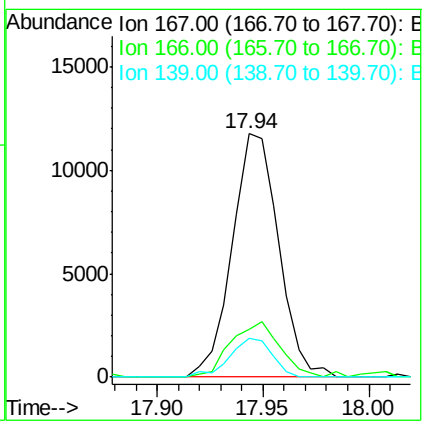


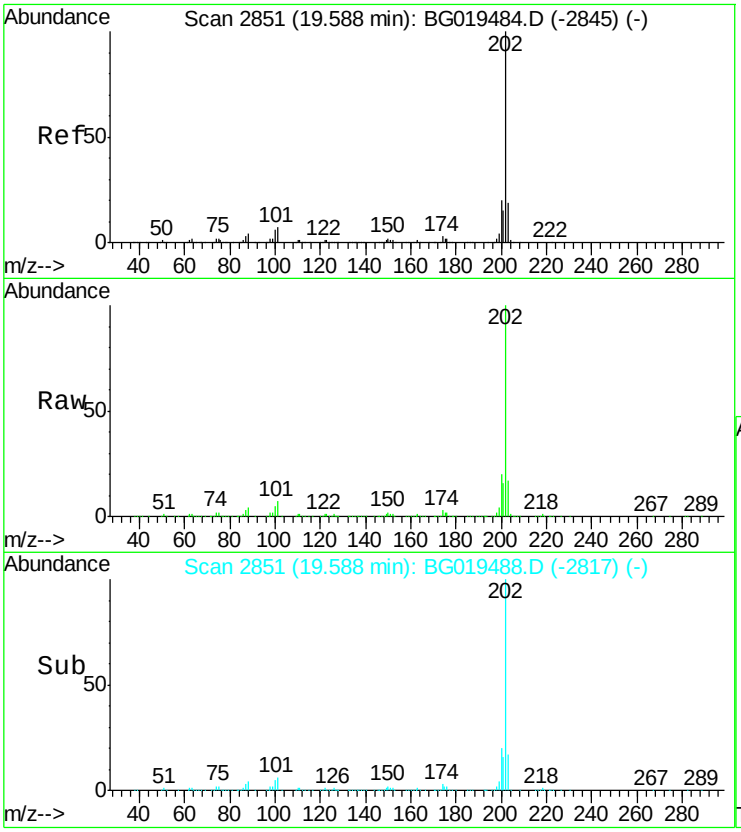


#75
Carbazole
Concen: 1.29 ng/ul
RT: 17.94 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Tgt Ion:167 Resp: 17911

Ion	Ratio	Lower	Upper
167	100		
166	19.4	16.8	25.2
139	16.0	9.8	14.6#



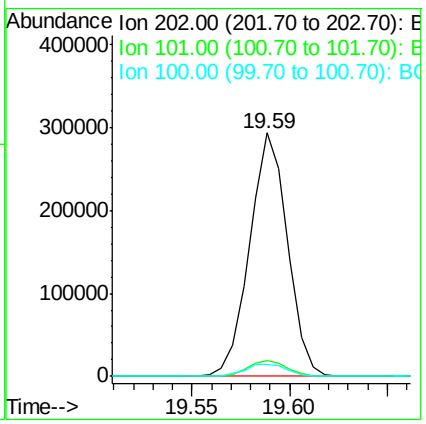


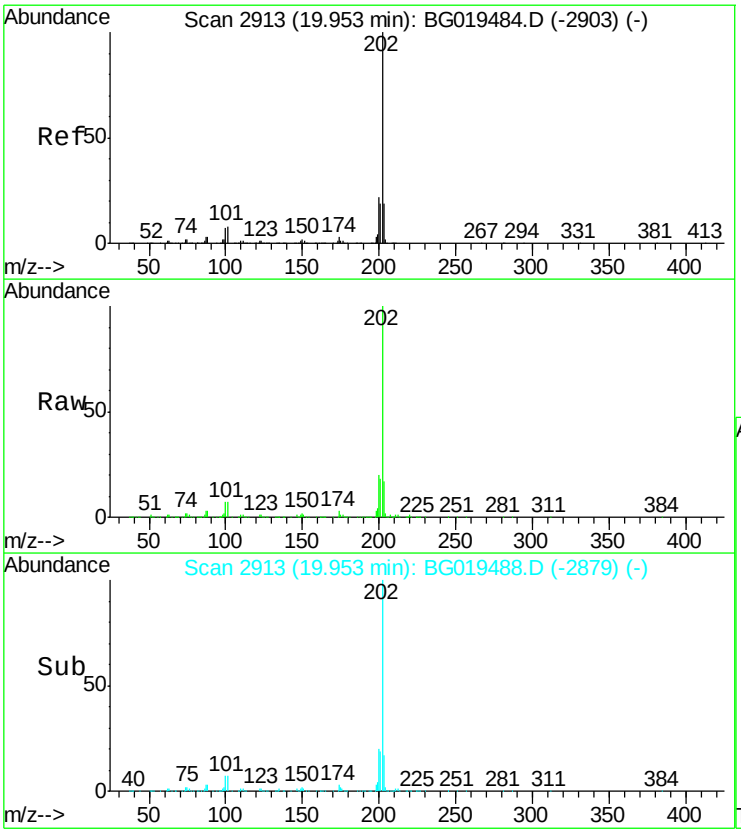
#77
Fluoranthene
Concen: 17.76 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:202 Resp: 393033

Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.0	6.0#
100	5.0	3.6	5.4

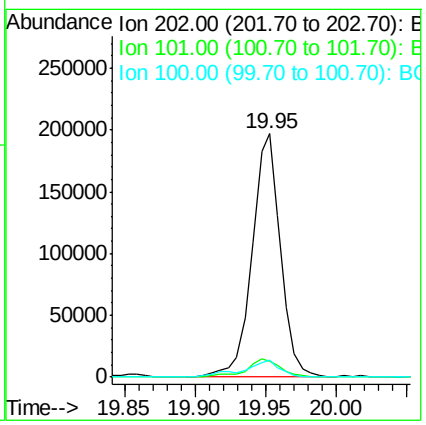


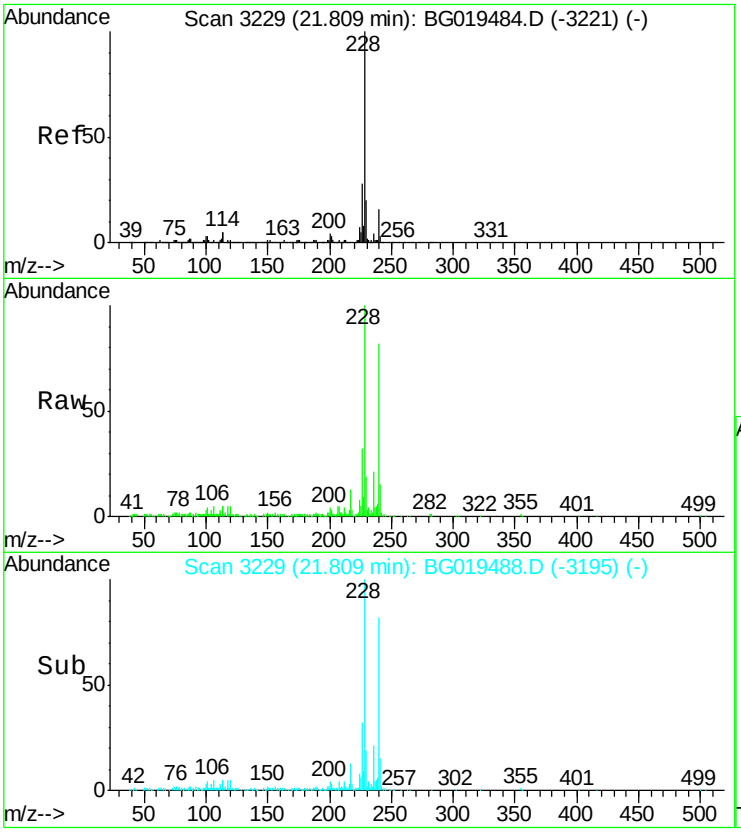


#80
Pyrene
Concen: 10.97 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Tgt Ion:202 Resp: 278045

Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.3	6.5#
100	6.9	3.6	5.4#



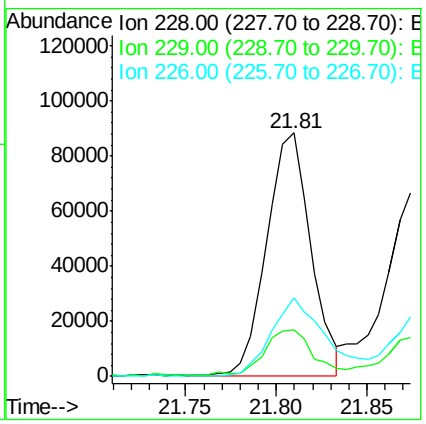


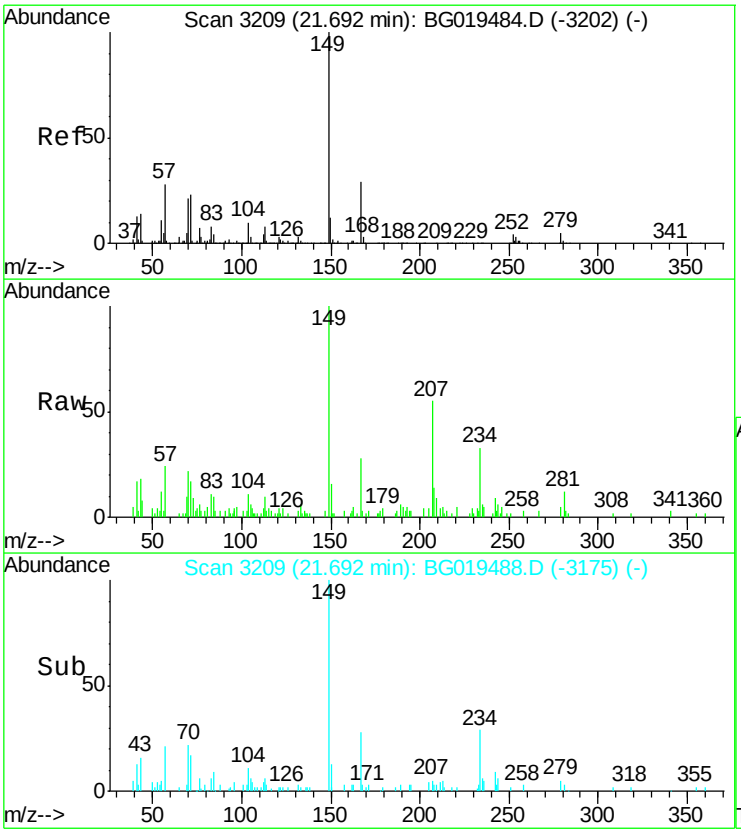
#83
Benzo(a)anthracene
Concen: 5.75 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:228 Resp: 151326

Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.8	23.8
226	32.4	21.8	32.6

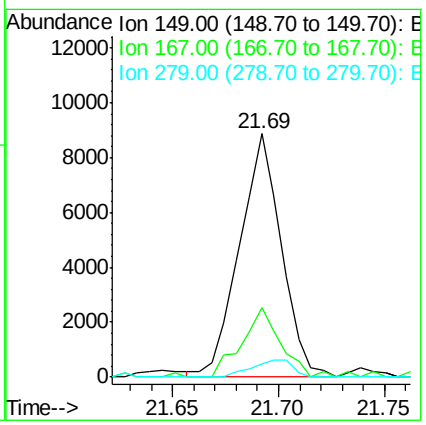


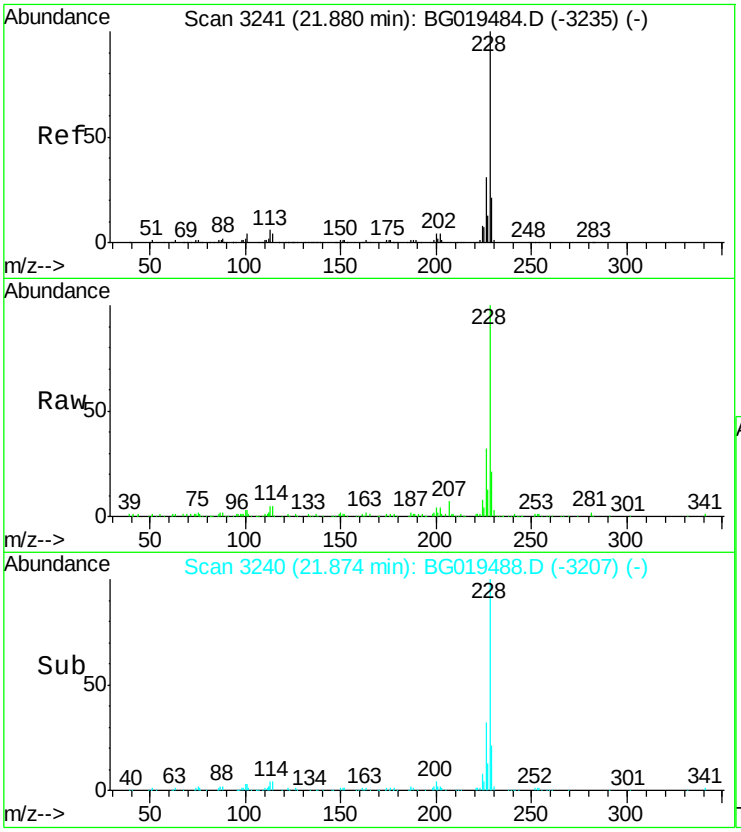


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.04 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Tgt Ion:149 Resp: 12195

Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.2	34.8
279	5.3	5.0	7.4



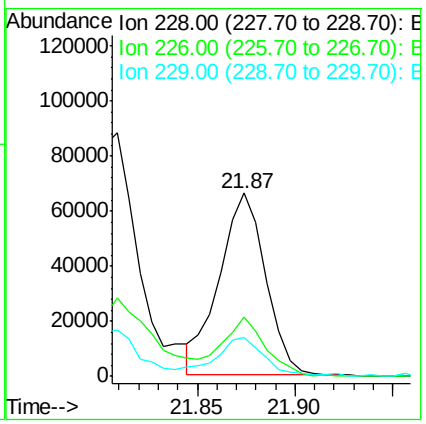


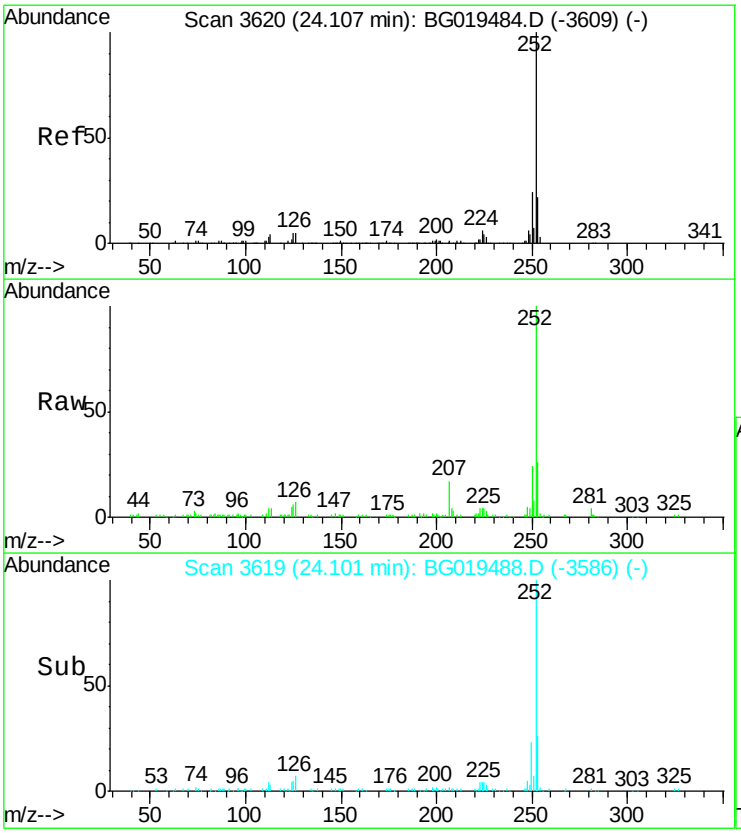
#85
Chrysene
Concen: 4.42 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:228 Resp: 109201

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	36.8
229	21.2	17.3	25.9

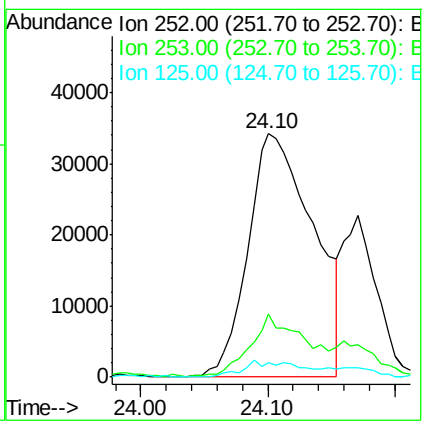


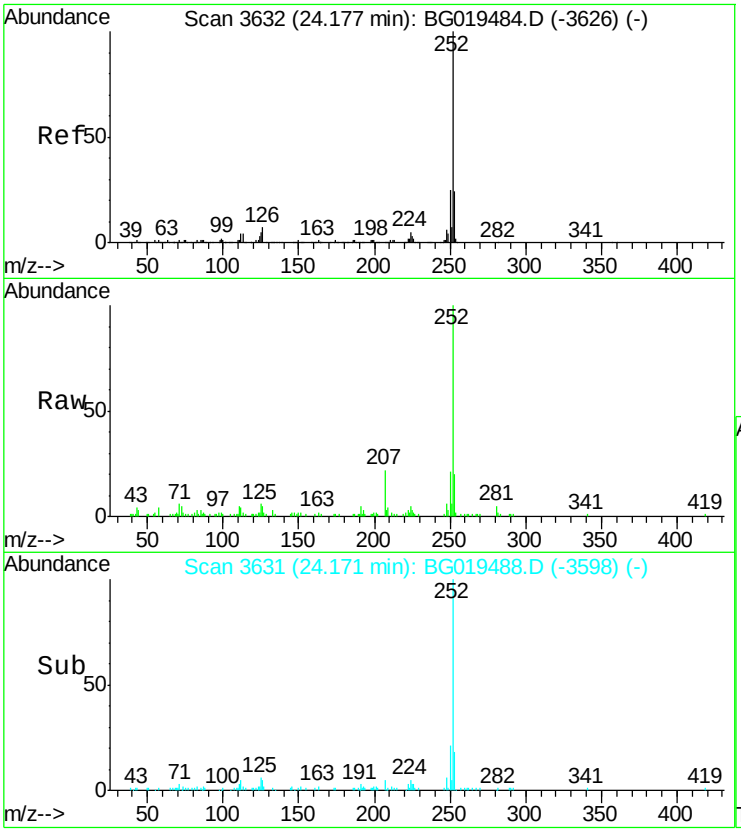


#88
Benzo(b)fluoranthene
Concen: 4.86 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Tgt Ion:252 Resp: 122519

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	5.8	2.5	3.7#



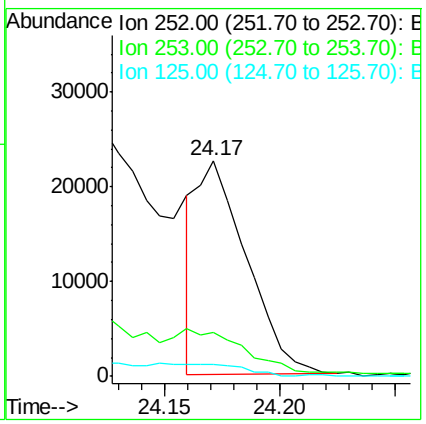


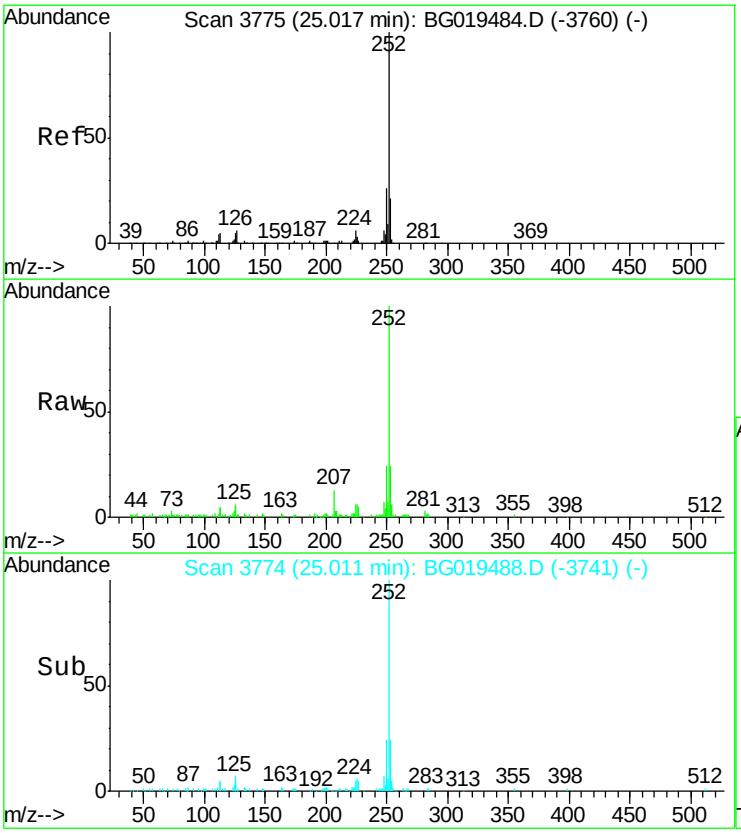
#89
Benzo(k)fluoranthene
Concen: 1.39 ng/ul
RT: 24.17 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:252 Resp: 33748

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.2	25.8
125	5.6	3.1	4.7#

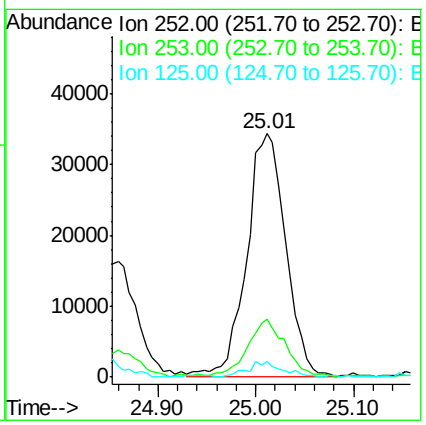


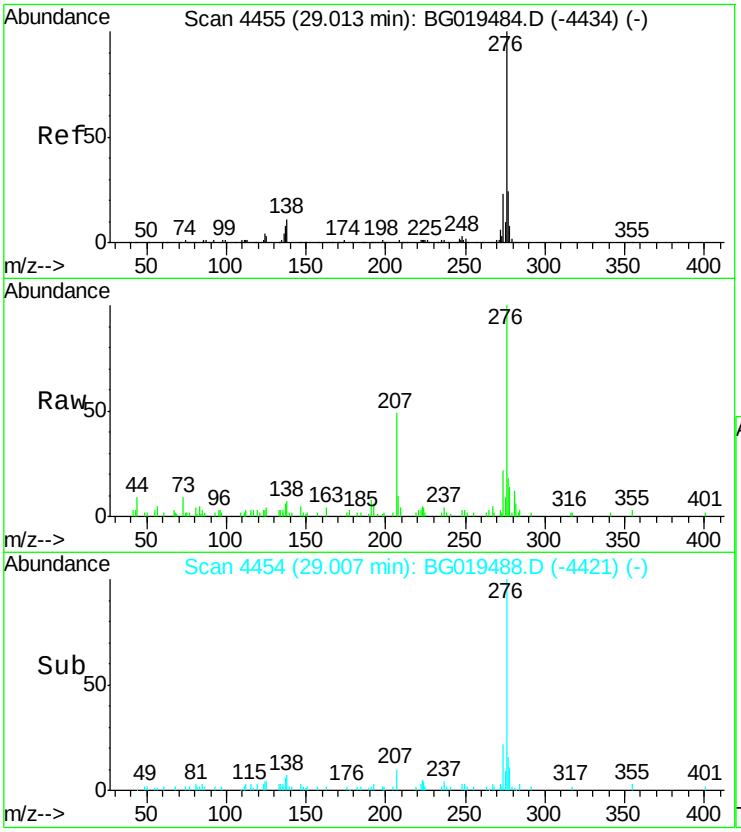


#91
Benzo(a)pyrene
Concen: 3.98 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. -0.01 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Tgt Ion:252 Resp: 96335

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	6.5	3.3	4.9#





#92
Indeno(1,2,3-cd)pyrene
Concen: 1.57 ng/ul
RT: 29.01 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG019488.D
Acq: 5 Nov 2015 12:15

Instrument :
BNA_G
ClientSampleId :
C0AN7

Tgt Ion:276 Resp: 42776

Ion	Ratio	Lower	Upper
276	100		
138	7.1	6.2	9.4
277	18.1	17.9	26.9