Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021870.D
Acq On : 12 May 2016 15:53
Operator : UM/SJ
Sample : H2936-09DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8DL

Quant Time: May 13 05:00:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	261252	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	174313	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	380523	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	375540	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	387030	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	806	0.82	ng/uL	0.00
5) Phenol-d5	7.33	99	16445	4.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	7278	4.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	18626	6.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	15163	5.14	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	7026	4.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	8071	7.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.61	165	19494	6.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	11336	3.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	66434	5.43	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	85925	4.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	141	0.07	ng/ul	-0.02
58) Fluorene-d10	15.78	176	59594	4.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.64	188	91332	4.93	ng/ul	0.00
77) Pyrene-d10	19.91	212	91925	5.23	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	85721	4.66	ng/ul	0.00
Target Compounds						Qvalue
46) 2,6-Dinitrotoluene	14.80	165	22737	9.24	ng/ul#	20
55) 2,4-Dinitrotoluene	14.80	165	22737	6.67	ng/ul#	24
70) Phenanthrene	17.58	178	122157	5.87	ng/ul	98
72) Anthracene	17.67	178	22162	1.05	ng/ul	97
73) Carbazole	17.94	167	26666	1.46	ng/ul#	93
75) Fluoranthene	19.58	202	437867	18.53	ng/ul	95
78) Pyrene	19.58	202	437867	20.15	ng/ul	97
81) Benzo(a)anthracene	21.81	228	448899	21.48	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.69	149	66144	8.44	ng/ul#	97
83) Chrysene	21.88	228	510280	24.68	ng/ul	95
86) Benzo(b)fluoranthene	24.11	252	1169725	52.80	ng/ul#	93
87) Benzo(k)fluoranthene	24.11	252	1169725	49.32	ng/ul#	93
89) Benzo(a)pyrene	25.02	252	858878	38.95	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	29.01	276	759590	29.06	ng/ul#	92
91) Dibenzo(a,h)anthracene	28.88	278	25990	1.19	ng/ul	96
92) Benzo(g,h,i)perylene	30.20	276	670524	31.08	ng/ul#	92

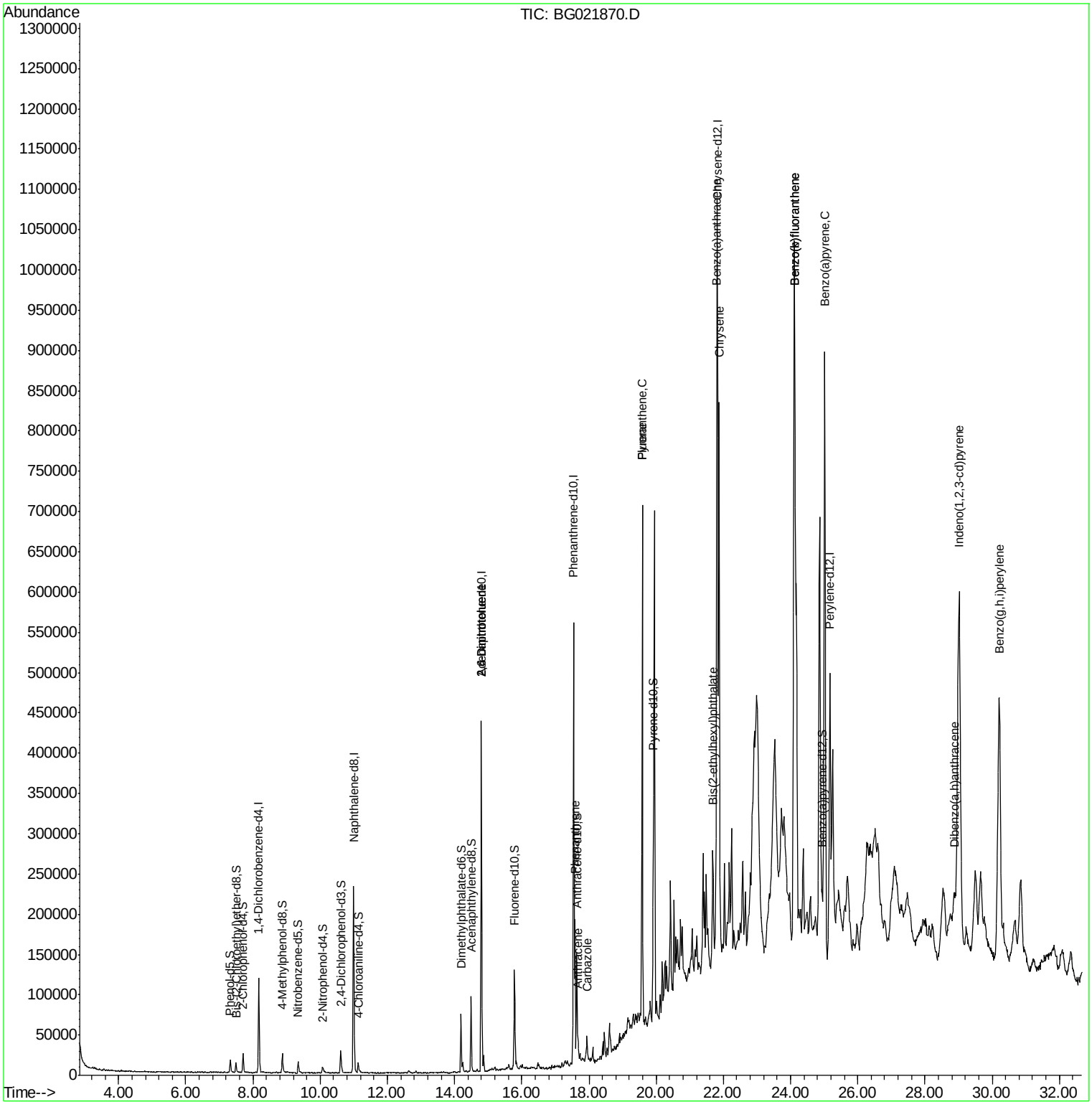
(#) = qualifier out of range (m) = manual integration (+) = signals summed

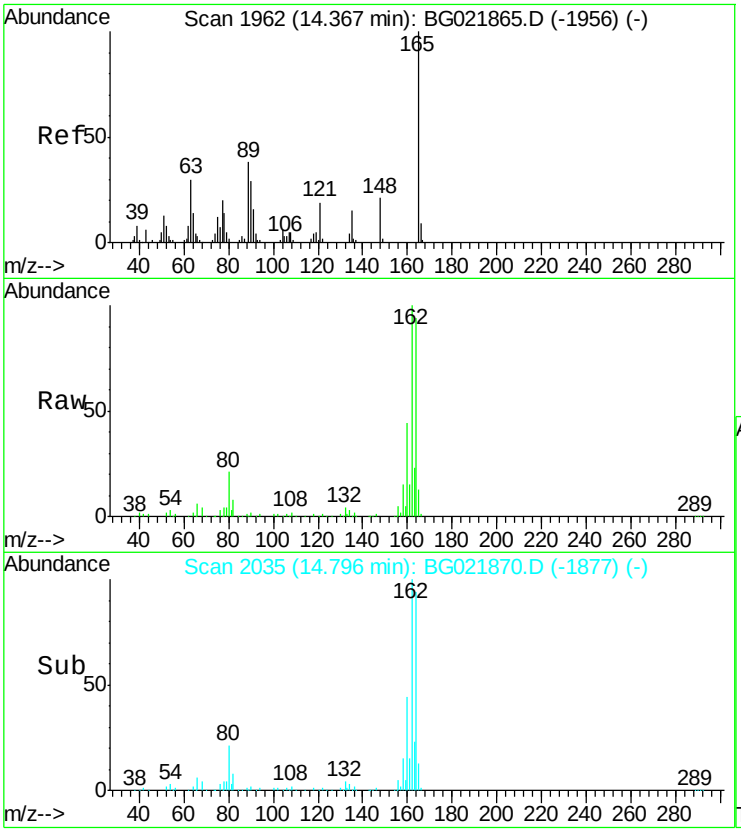
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021870.D
Acq On : 12 May 2016 15:53
Operator : UM/SJ
Sample : H2936-09DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8DL

Quant Time: May 13 05:00:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration



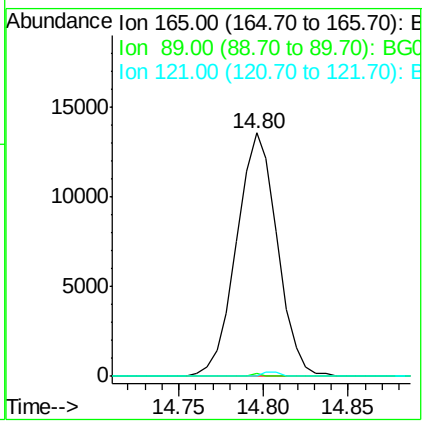


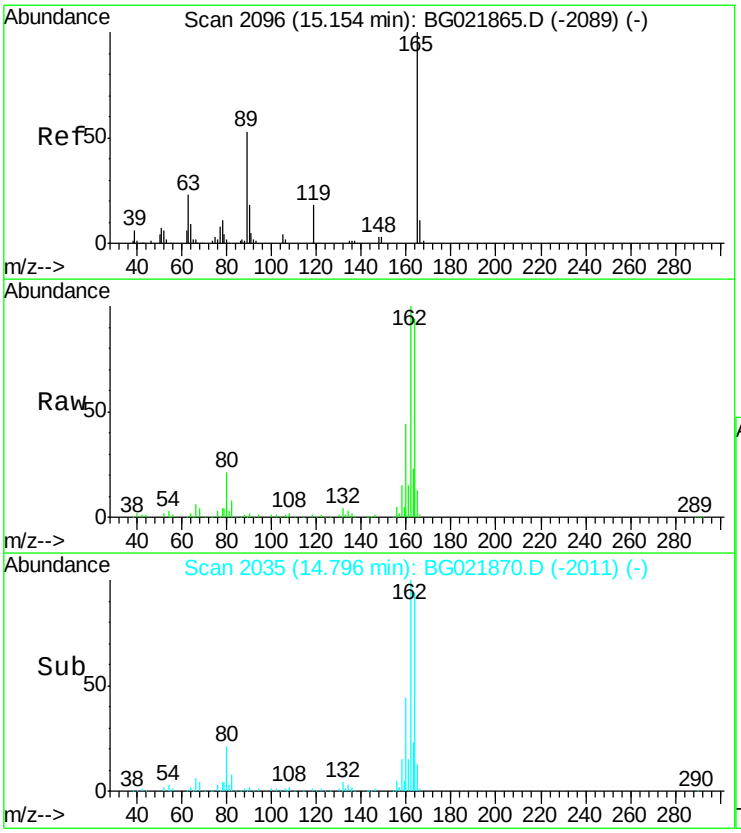
#46
2,6-Dinitrotoluene
Concen: 9.24 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. 0.43 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Instrument :
BNA_G
ClientSampleId :
D9WJ8DL

Tgt Ion:165 Resp: 22737

Ion	Ratio	Lower	Upper
165	100		
89	1.5	64.6	96.8#
121	0.0	20.4	30.6#

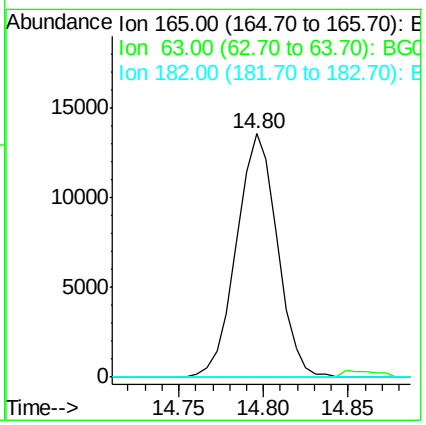


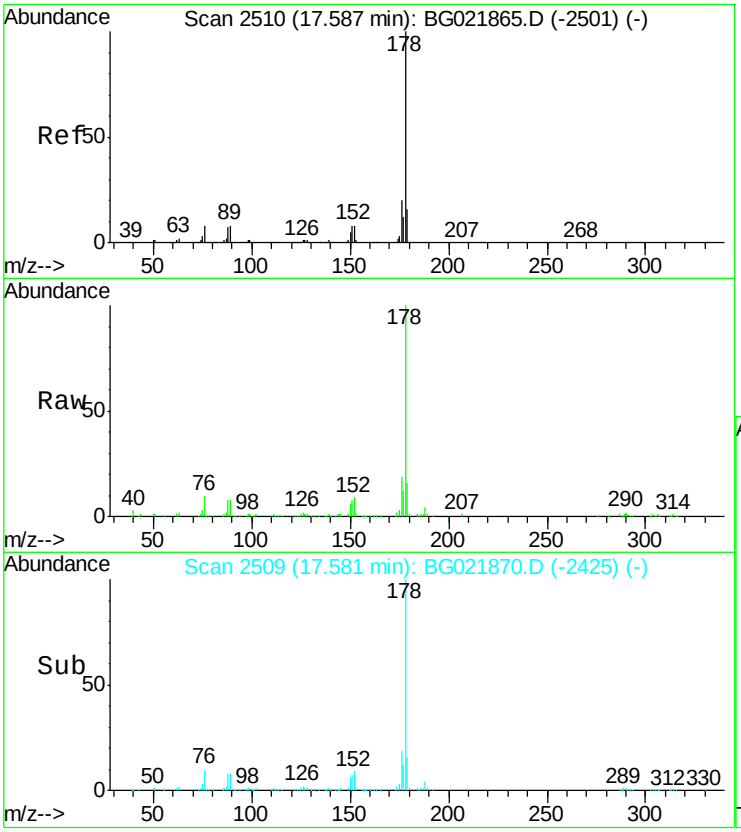


#55
2,4-Dinitrotoluene
Concen: 6.67 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. -0.36 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Tgt Ion:165 Resp: 22737

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.1	72.1#
182	0.0	2.2	3.2#



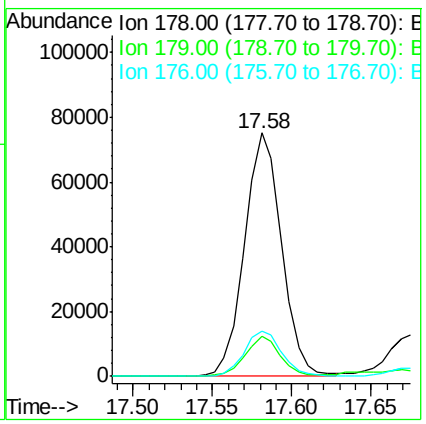


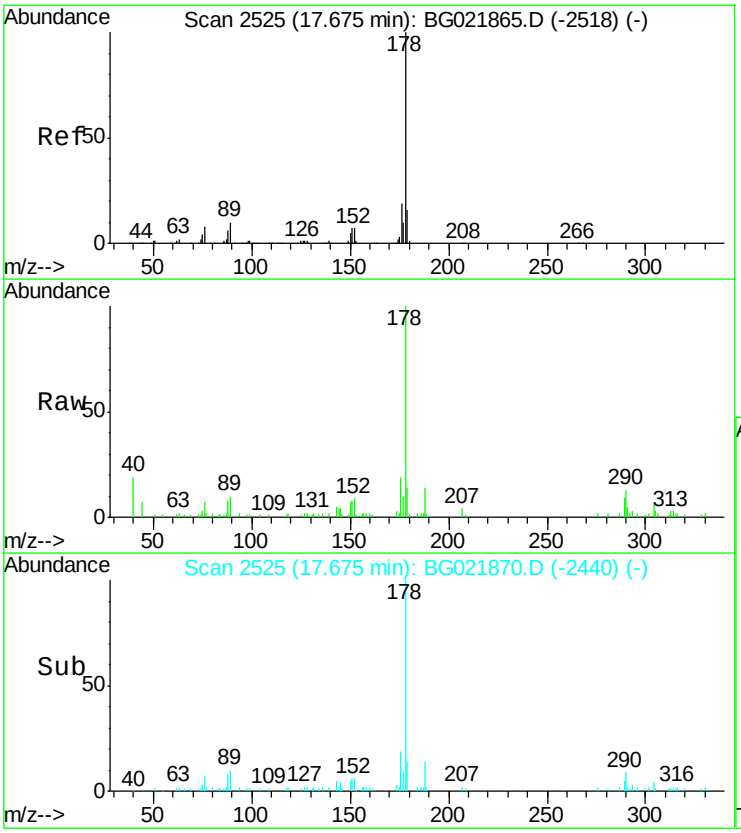
#70
Phenanthrene
Concen: 5.87 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Instrument :
BNA_G
ClientSampleId :
D9WJ8DL

Tgt Ion:178 Resp: 122157

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	18.6	14.8	22.2

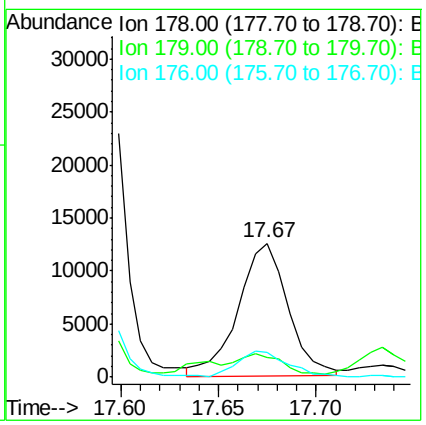


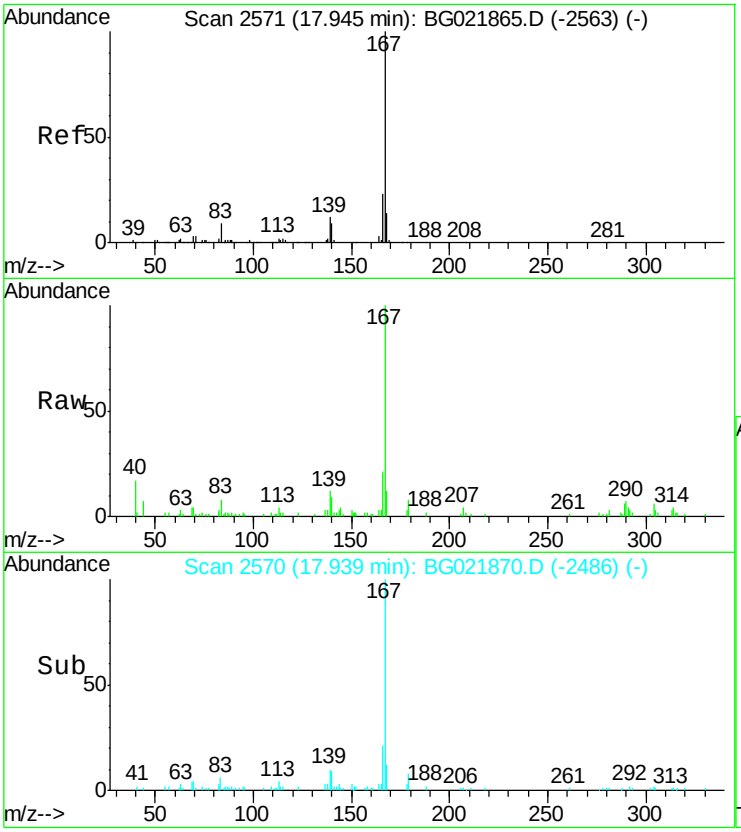


#72
Anthracene
Concen: 1.05 ng/ul
RT: 17.67 min Scan# 2525
Delta R.T. -0.00 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Tgt Ion:178 Resp: 22162

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.9	19.3
176	18.6	15.6	23.4



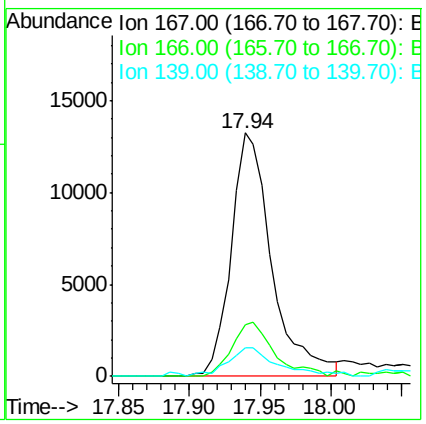


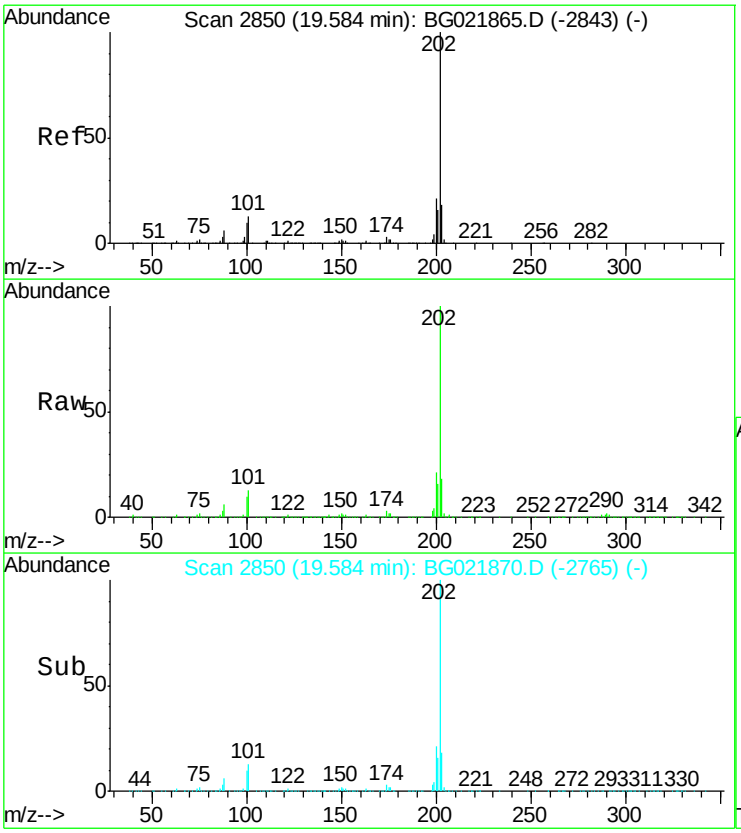
#73
Carbazole
Concen: 1.46 ng/ul
RT: 17.94 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Instrument :
BNA_G
ClientSampleId :
D9WJ8DL

Tgt Ion:167 Resp: 26666

Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.0	28.4
139	11.5	12.2	18.4#

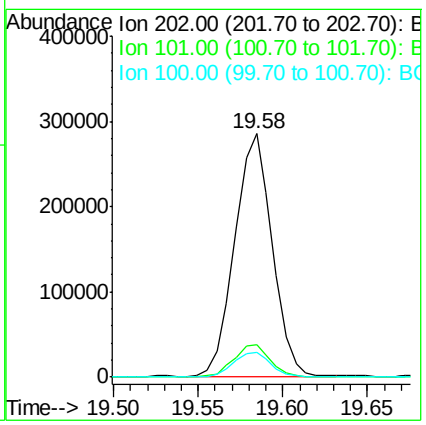


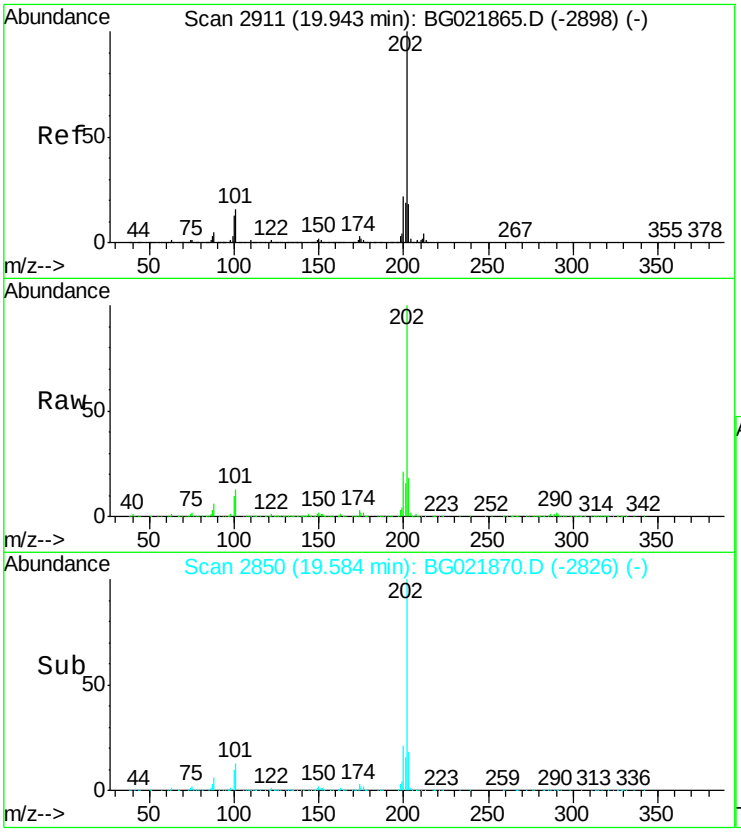


#75
Fluoranthene
Concen: 18.53 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Tgt Ion:202 Resp: 437867

Ion	Ratio	Lower	Upper
202	100		
101	13.2	8.9	13.3
100	10.2	7.0	10.4



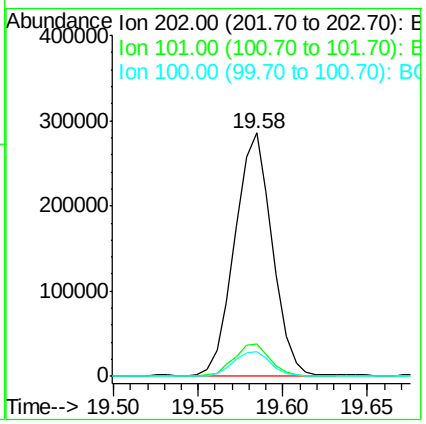


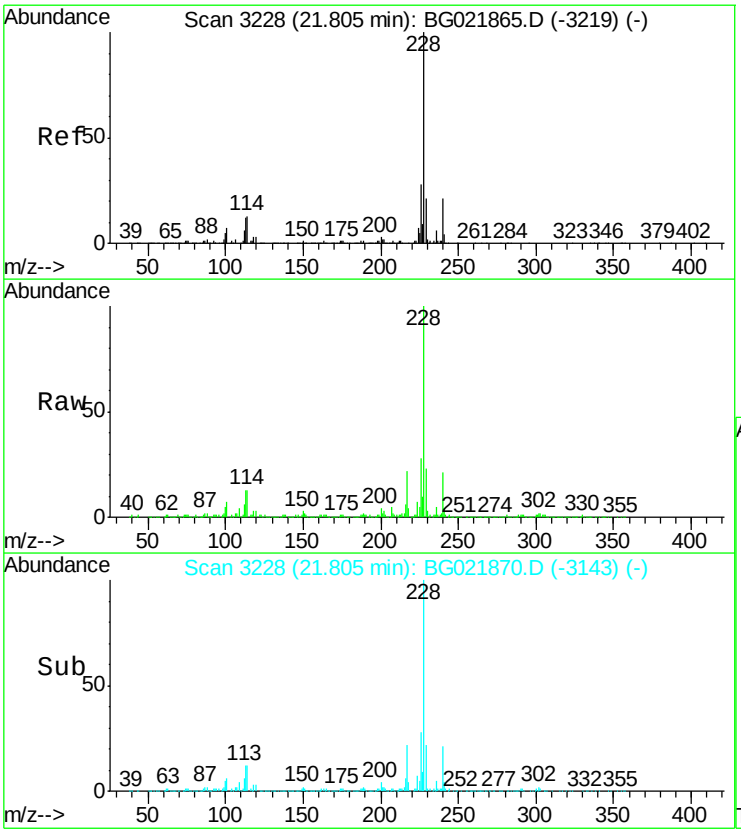
#78
Pyrene
Concen: 20.15 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. -0.36 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Instrument :
BNA_G
ClientSampleId :
D9WJ8DL

Tgt Ion:202 Resp: 437867

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.8	14.8
100	10.2	9.3	13.9

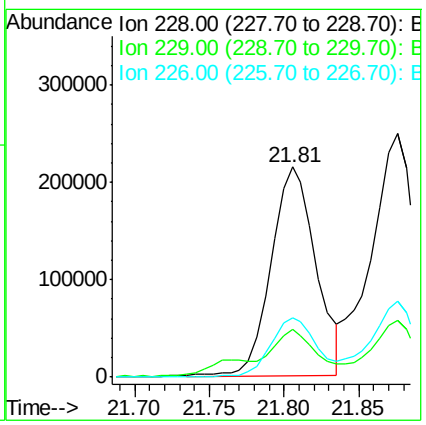


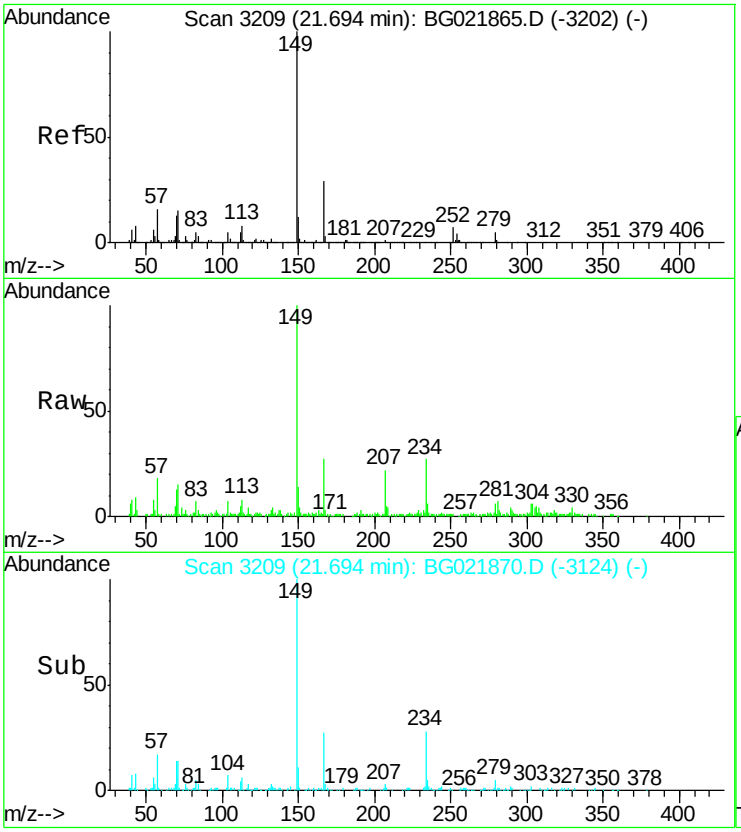


#81
Benzo(a)anthracene
Concen: 21.48 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Tgt Ion:228 Resp: 448899

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.6	25.0
226	28.5	21.0	31.4



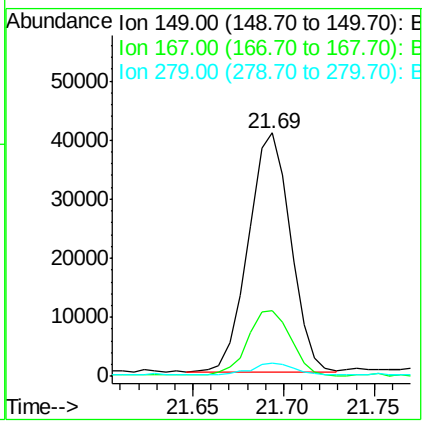


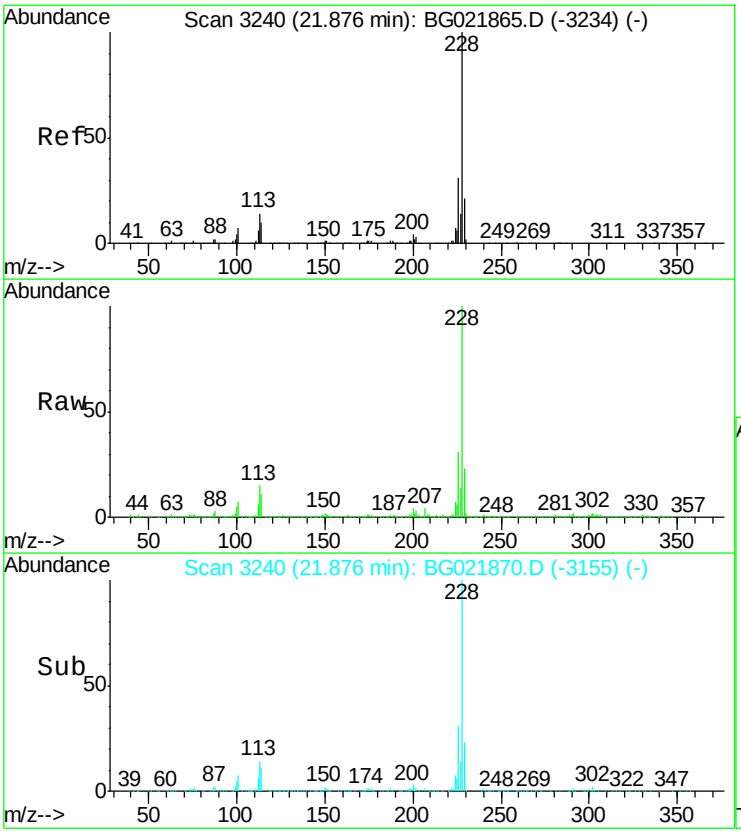
#82
Bis(2-ethylhexyl)phthalate
Concen: 8.44 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Instrument :
BNA_G
ClientSampleId :
D9WJ8DL

Tgt Ion:149 Resp: 66144

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.5	30.7
279	5.6	3.7	5.5#

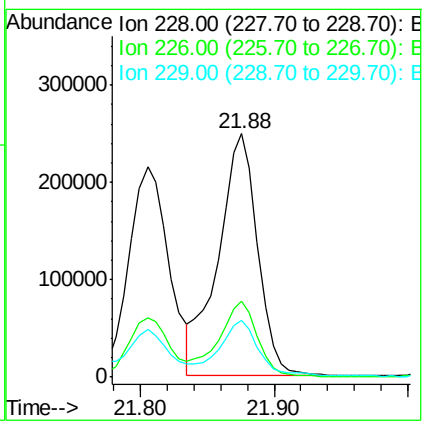


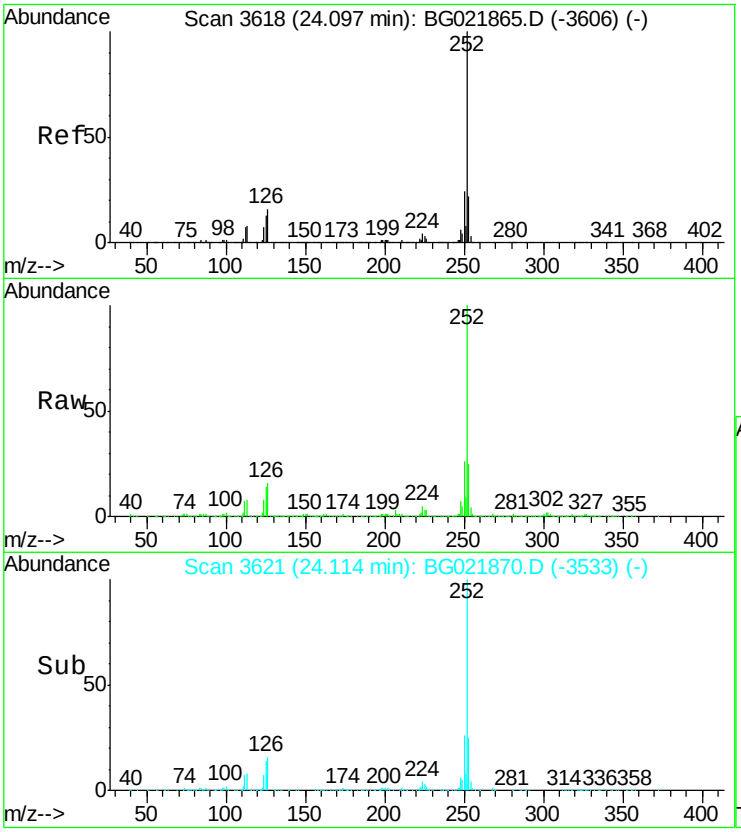


#83
Chrysene
Concen: 24.68 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Tgt Ion:228 Resp: 510280

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	23.2	16.2	24.2



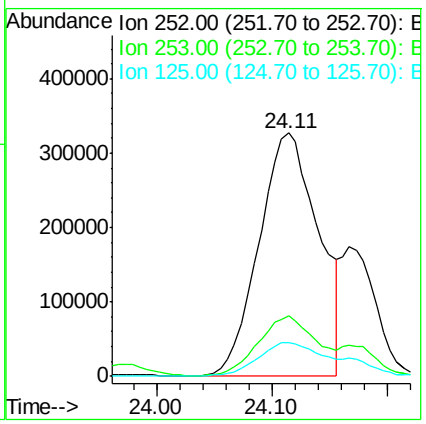


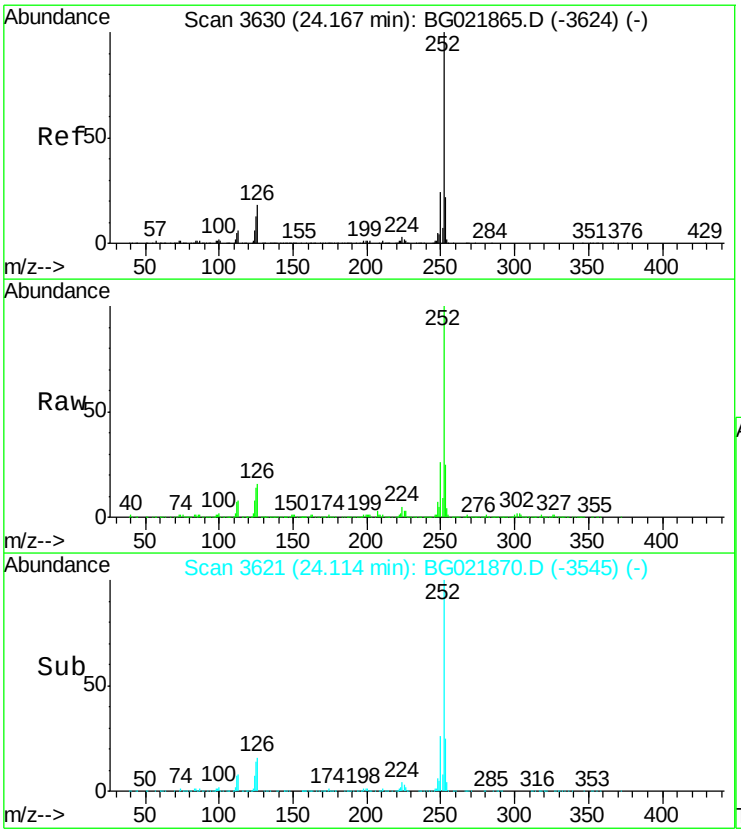
#86
Benzo(b)fluoranthene
Concen: 52.80 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. 0.02 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Instrument :
BNA_G
ClientSampleId :
D9WJ8DL

Tgt Ion:252 Resp: 1169725

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	14.0	7.6	11.4#

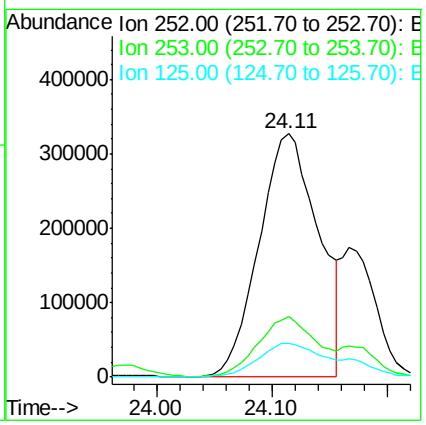


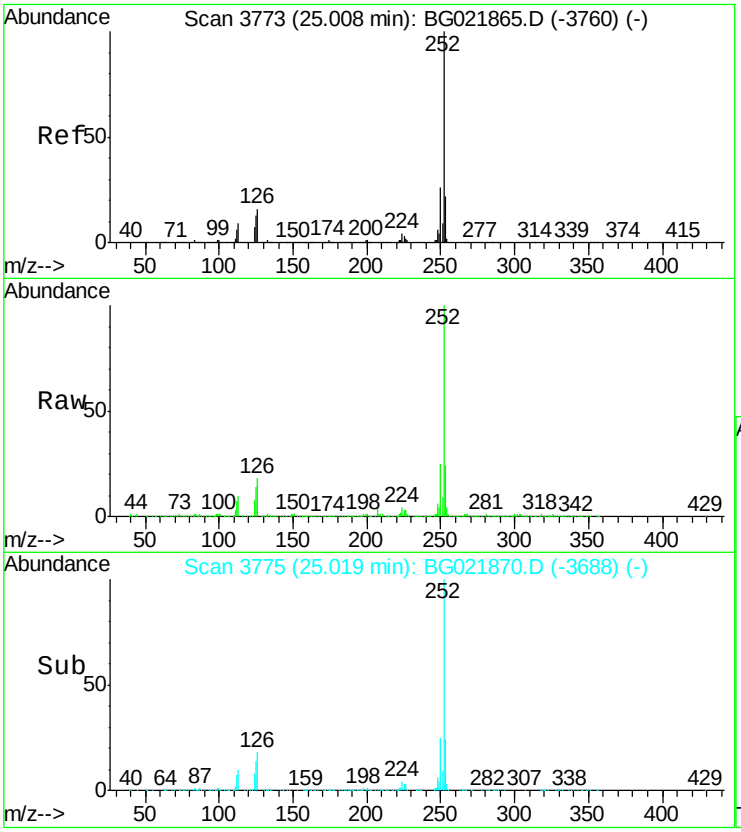


#87
Benzo(k)fluoranthene
Concen: 49.32 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. -0.05 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Tgt Ion:252 Resp: 1169725

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	14.0	7.7	11.5#



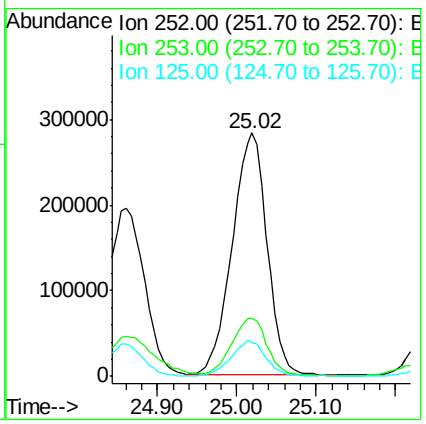


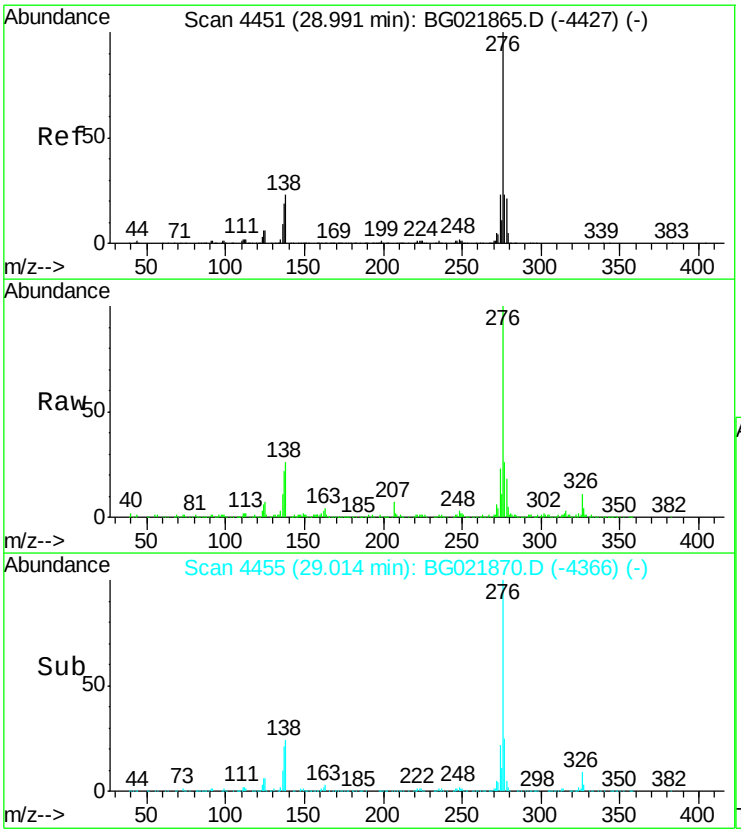
#89
Benzo(a)pyrene
Concen: 38.95 ng/ul
RT: 25.02 min Scan# 3775
Delta R.T. 0.01 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Instrument :
BNA_G
ClientSampleId :
D9WJ8DL

Tgt Ion:252 Resp: 858878

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	13.9	8.2	12.2#

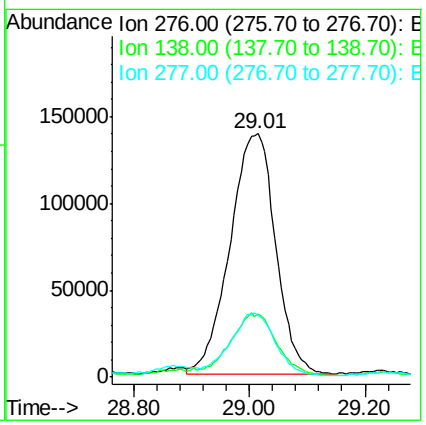


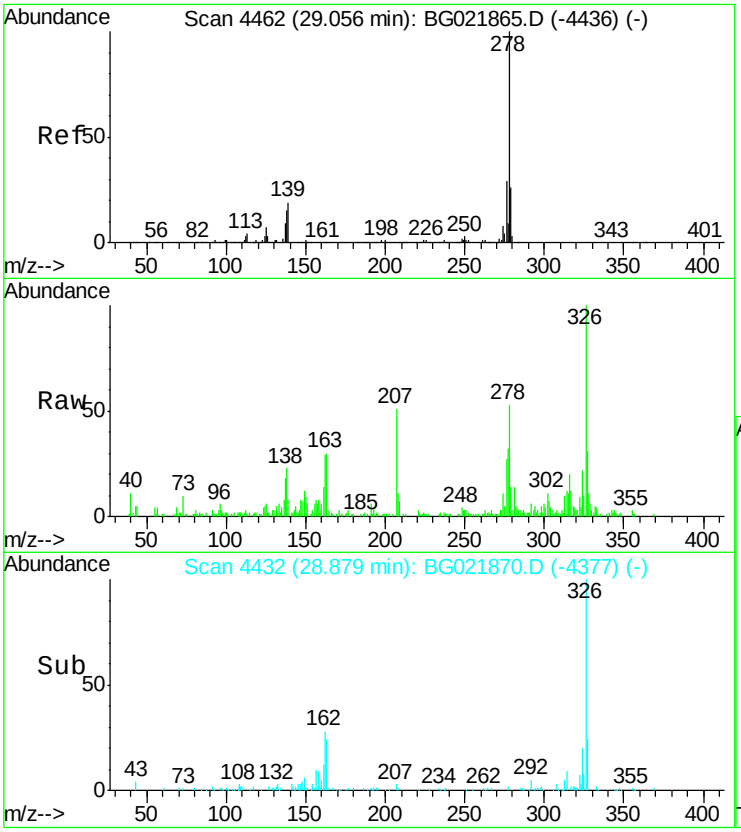


#90
Indeno(1,2,3-cd)pyrene
Concen: 29.06 ng/ul
RT: 29.01 min Scan# 4455
Delta R.T. 0.02 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Tgt Ion:276 Resp: 759590

Ion	Ratio	Lower	Upper
276	100		
138	25.8	15.8	23.6#
277	25.6	19.0	28.6



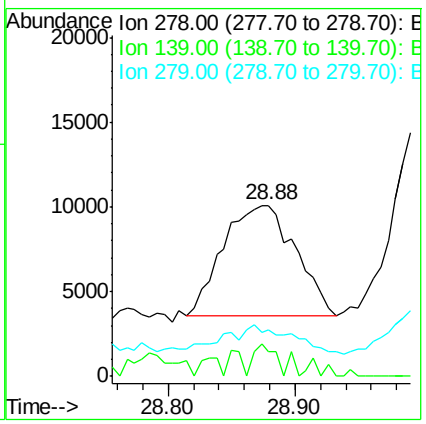


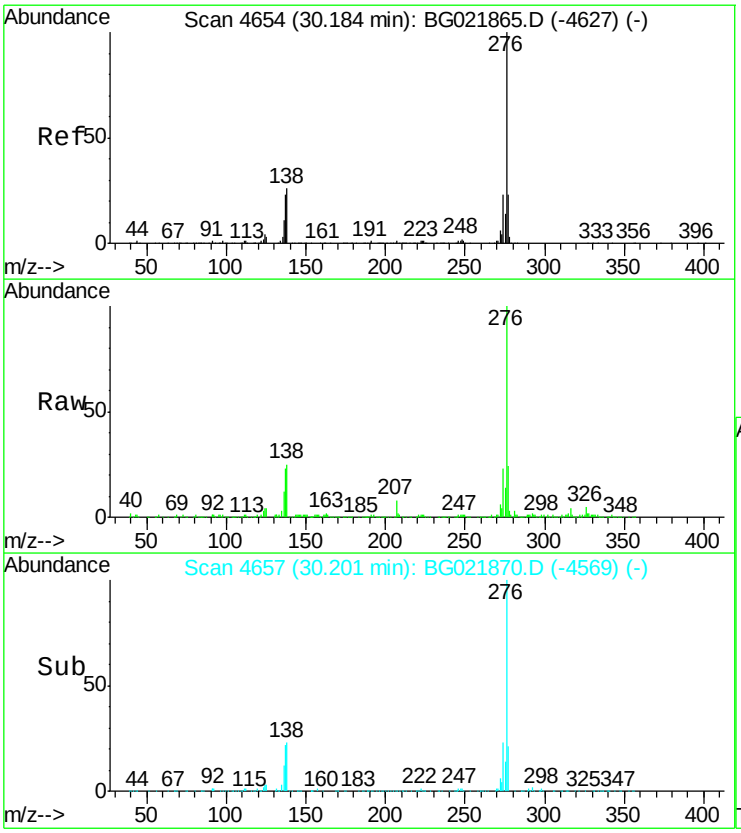
#91
Dibenzo(a,h)anthracene
Concen: 1.19 ng/ul
RT: 28.88 min Scan# 4432
Delta R.T. -0.18 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Instrument :
BNA_G
ClientSampleId :
D9WJ8DL

Tgt Ion:278 Resp: 25990

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.1	18.1
279	27.4	19.8	29.8





#92
Benzo(g,h,i)perylene
Concen: 31.08 ng/ul
RT: 30.20 min Scan# 4657
Delta R.T. 0.02 min
Lab File: BG021870.D
Acq: 12 May 2016 15:53

Tgt Ion:276 Resp: 670524

Ion	Ratio	Lower	Upper
276	100		
138	25.1	13.9	20.9#
277	24.1	19.8	29.6