Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021911.D
Acq On : 16 May 2016 18:05
Operator : UM/SJ
Sample : H3095-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF5

Quant Time: May 17 01:36:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	77120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	379512	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	228413	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	514282	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	529217	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	528970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	4703	2.94	ng/uL	0.00
5) Phenol-d5	7.31	99	107054	18.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	54194	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	101231	22.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	82320	17.13	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	55733	22.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	59707	37.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	103396	23.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.35	131	151	0.03	ng/ul	0.24
44) Dimethylphthalate-d6	14.18	166	345831	21.56	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	471764	20.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	44579	16.21	ng/ul	0.00
58) Fluorene-d10	15.78	176	327145	19.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	47881	33.61	ng/ul	0.00
71) Anthracene-d10	17.63	188	486012	19.41	ng/ul	0.00
77) Pyrene-d10	19.54	212	6897	0.28	ng/ul	-0.36
88) Benzo(a)pyrene-d12	24.92	264	490086	19.50	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.23	163	104013	6.36	ng/ul#	97
69) Pentachlorophenol	17.17	266	3924	1.66	ng/ul	89
70) Phenanthrene	17.57	178	50110	1.78	ng/ul	95
72) Anthracene	17.57	178	50110	1.75	ng/ul	97
75) Fluoranthene	19.57	202	118144	3.70	ng/ul	96
78) Pyrene	19.94	202	103842	3.39	ng/ul	97
79) Butylbenzylphthalate	20.81	149	11415	1.69	ng/ul#	85
81) Benzo(a)anthracene	21.79	228	71824	2.44	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	103047	9.33	ng/ul	95
83) Chrysene	21.86	228	75435	2.59	ng/ul	97
86) Benzo(b)fluoranthene	24.08	252	106444	3.52	ng/ul#	96
87) Benzo(k)fluoranthene	24.08	252	106444	3.28	ng/ul#	96
89) Benzo(a)pyrene	24.98	252	72744	2.41	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	28.96	276	53127	1.49	ng/ul	93
92) Benzo(g,h,i)perylene	30.15	276	46678	1.58	ng/ul#	85

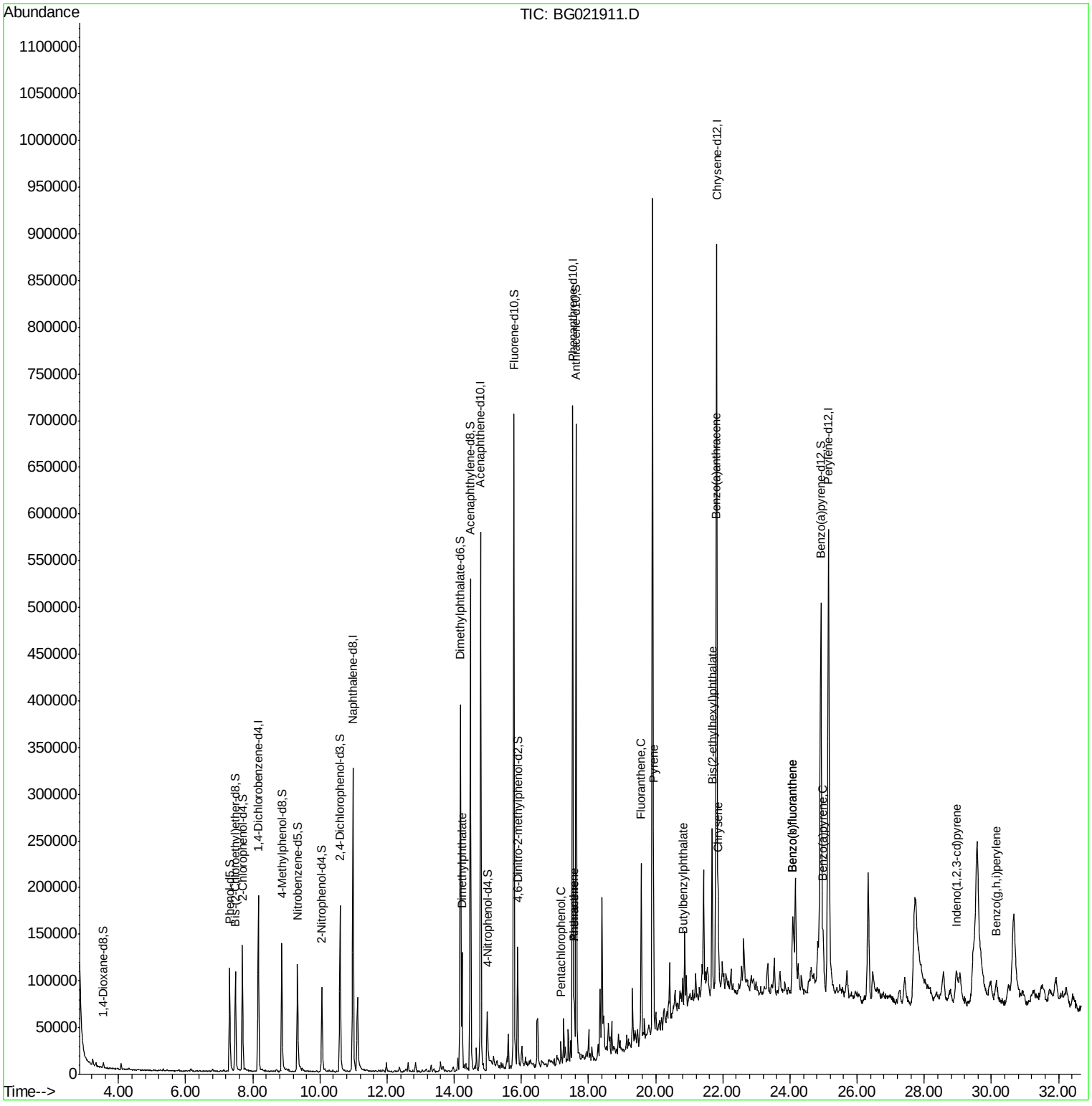
(#) = qualifier out of range (m) = manual integration (+) = signals summed

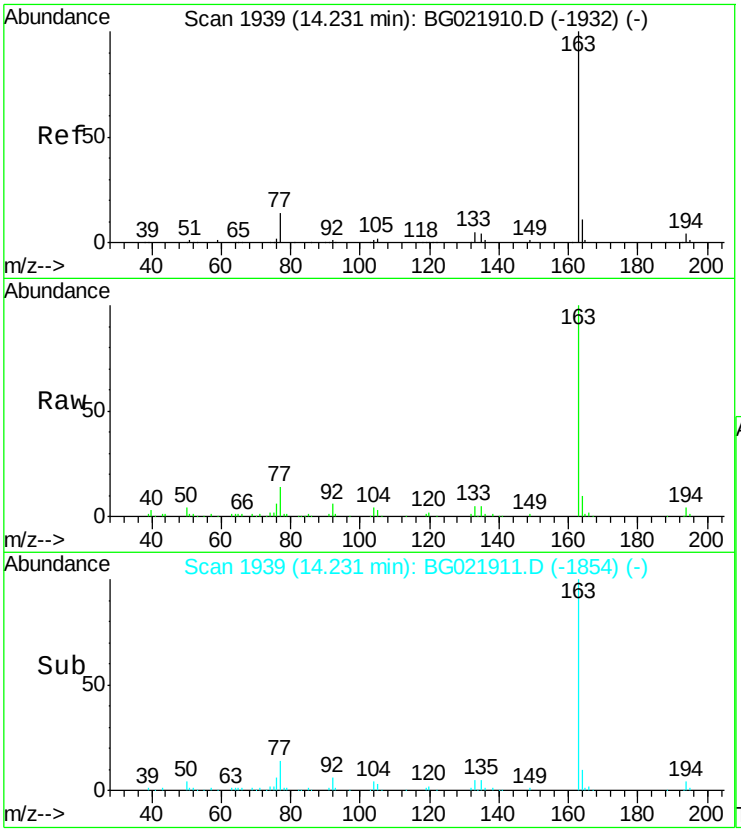
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021911.D
Acq On : 16 May 2016 18:05
Operator : UM/SJ
Sample : H3095-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF5

Quant Time: May 17 01:36:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration



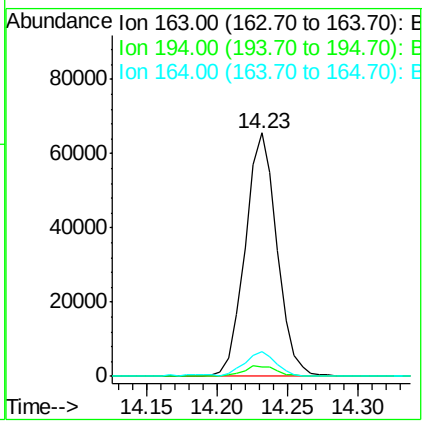


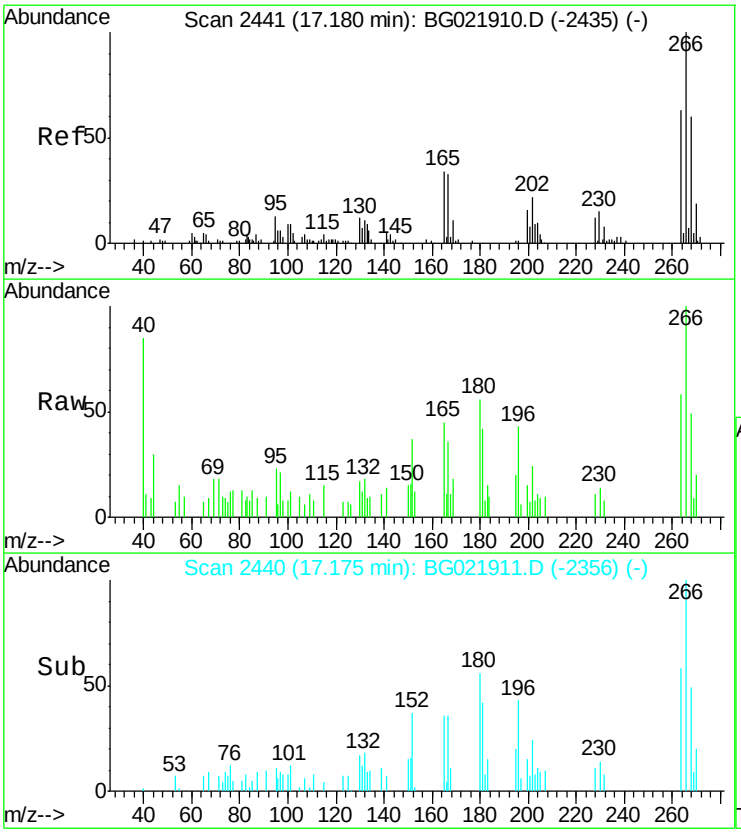
#45
Dimethylphthalate
Concen: 6.36 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Instrument :
BNA_G
ClientSampleId :
D9XF5

Tgt Ion:163 Resp: 104013

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.9	5.9#
164	10.0	8.7	13.1

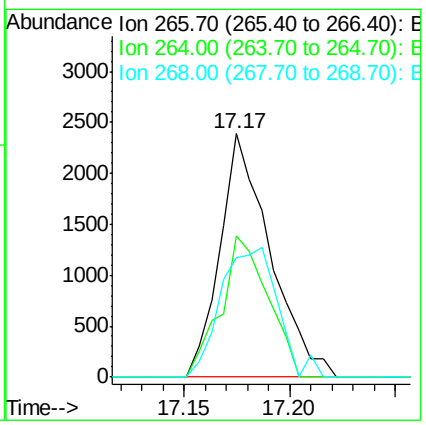


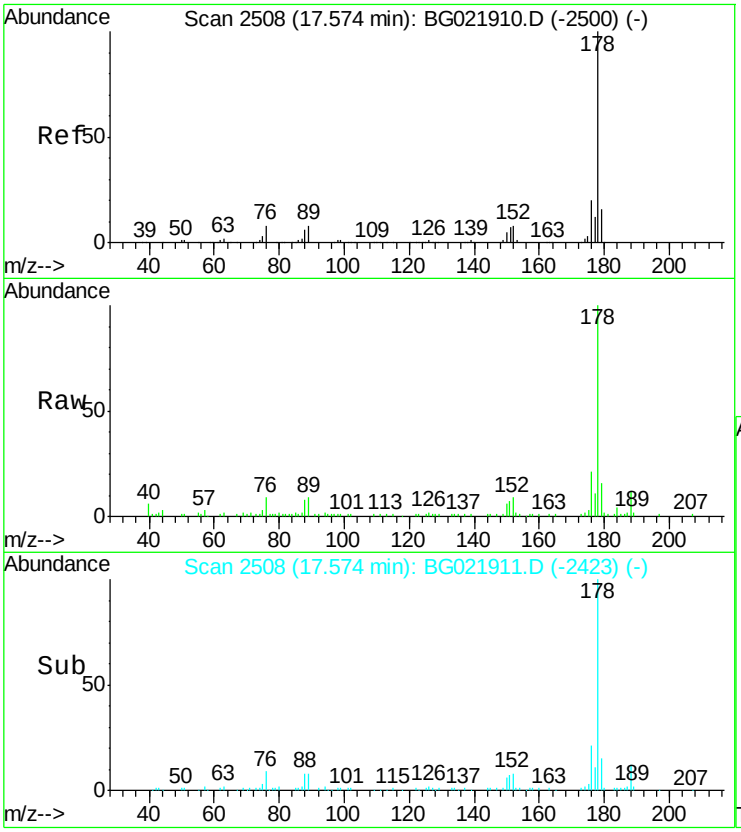


#69
Pentachlorophenol
Concen: 1.66 ng/ul
RT: 17.17 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Tgt Ion:266 Resp: 3924

Ion	Ratio	Lower	Upper
266	100		
264	58.2	56.7	85.1
268	58.3	50.6	76.0



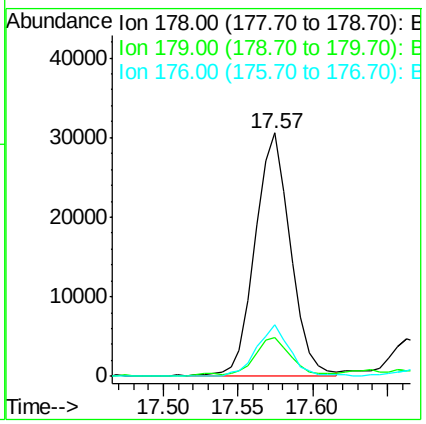


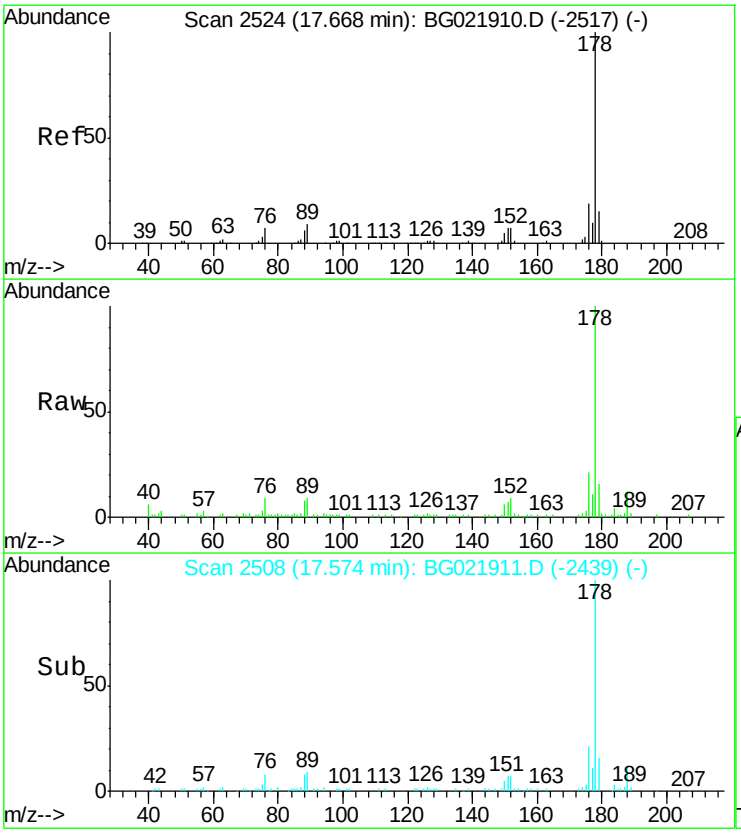
#70
Phenanthrene
Concen: 1.78 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Instrument :
BNA_G
ClientSampleId :
D9XF5

Tgt Ion:178 Resp: 50110

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	21.5	14.8	22.2

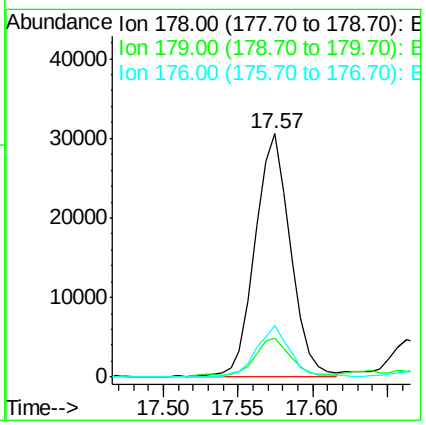


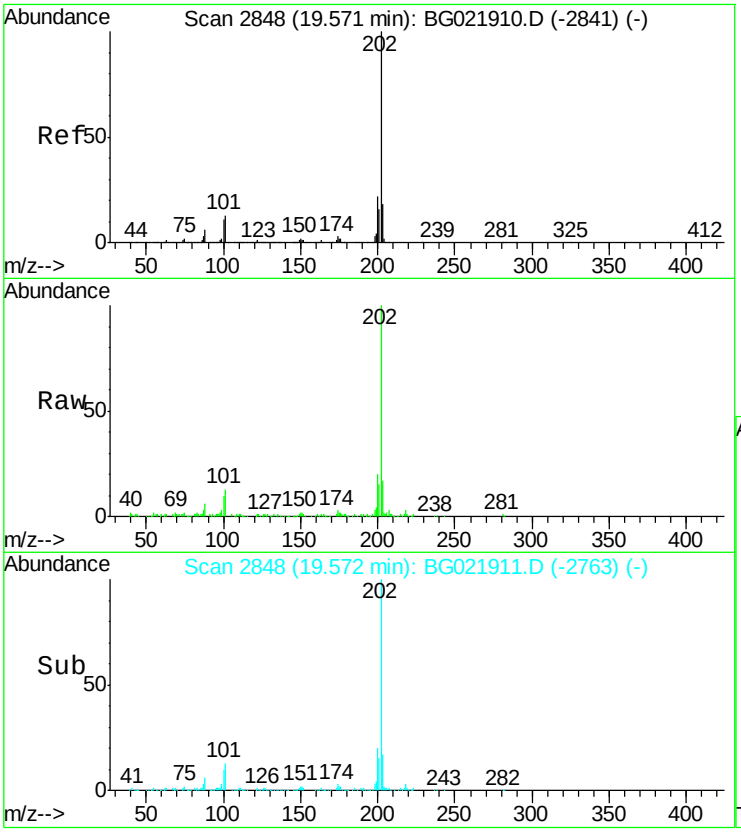


#72
Anthracene
Concen: 1.75 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. -0.09 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Tgt Ion:178 Resp: 50110

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	21.5	15.6	23.4



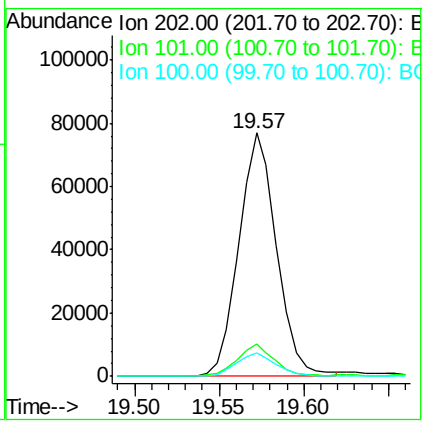


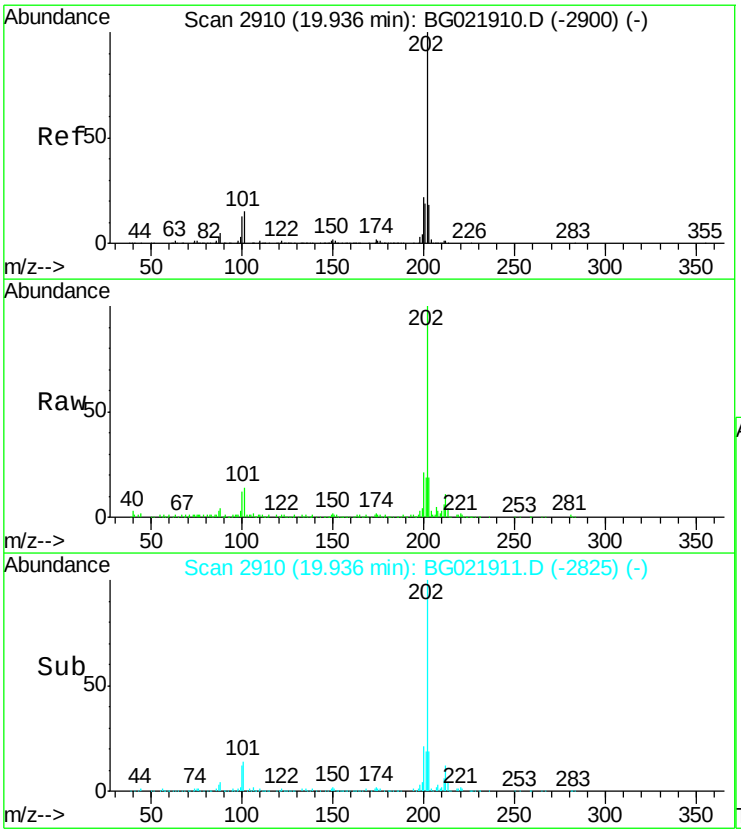
#75
Fluoranthene
Concen: 3.70 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Instrument :
BNA_G
ClientSampleId :
D9XF5

Tgt Ion:202 Resp: 118144

Ion	Ratio	Lower	Upper
202	100		
101	13.2	8.9	13.3
100	9.6	7.0	10.4

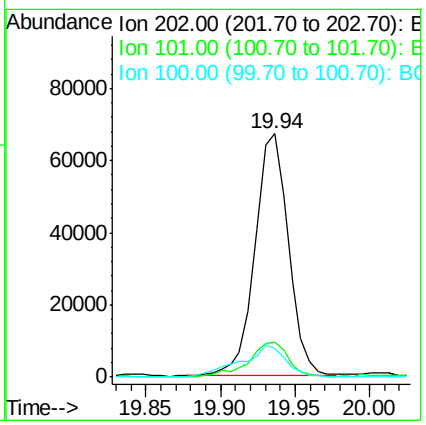


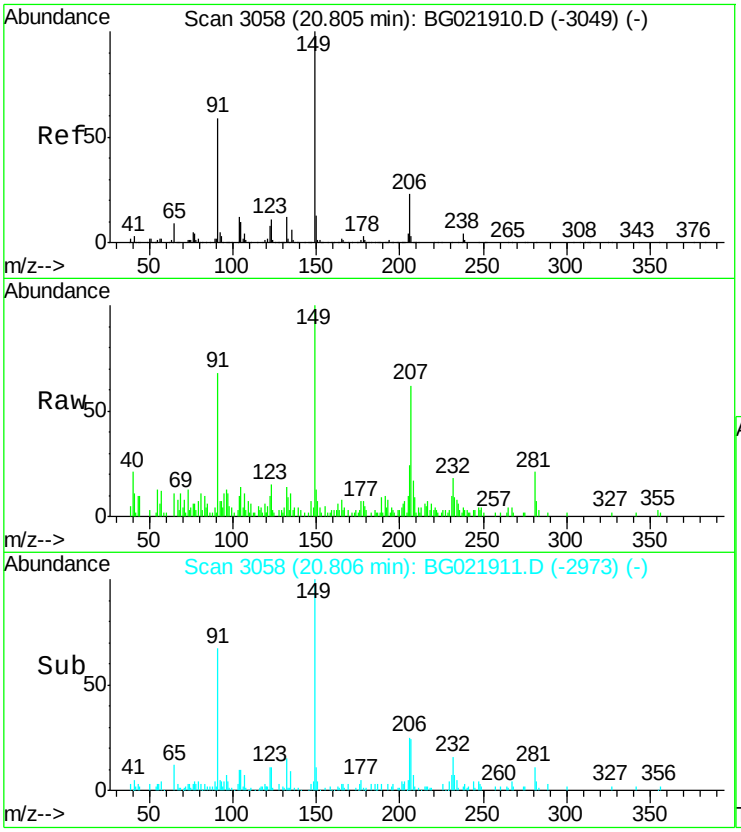


#78
Pyrene
Concen: 3.39 ng/ul
RT: 19.94 min Scan# 2910
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Tgt Ion:202 Resp: 103842

Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.8	14.8
100	11.9	9.3	13.9



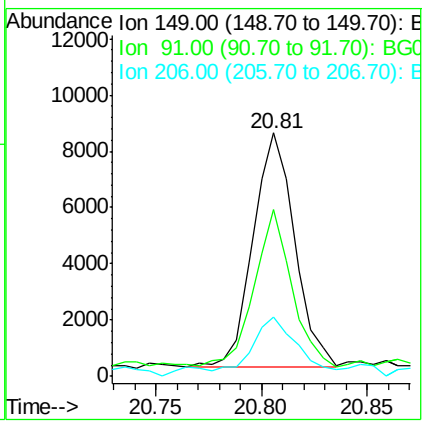


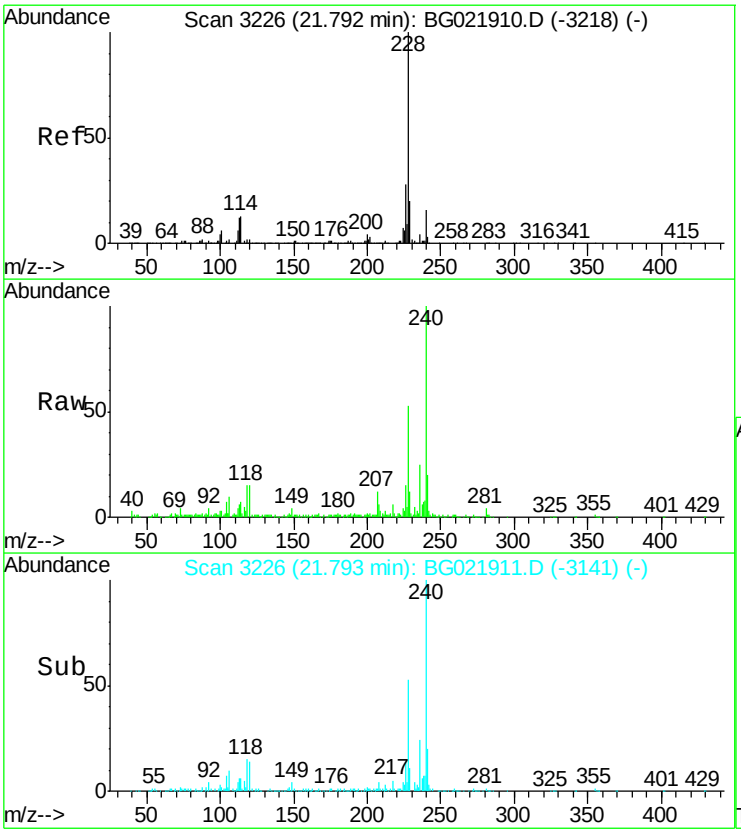
#79
Butylbenzylphthalate
Concen: 1.69 ng/ul
RT: 20.81 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Instrument :
BNA_G
ClientSampleId :
D9XF5

Tgt Ion:149 Resp: 11415

Ion	Ratio	Lower	Upper
149	100		
91	68.4	65.8	98.8
206	24.3	15.5	23.3#

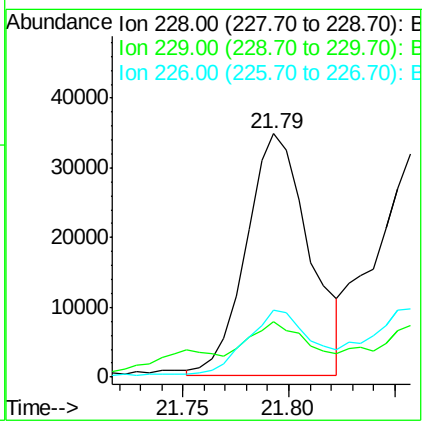


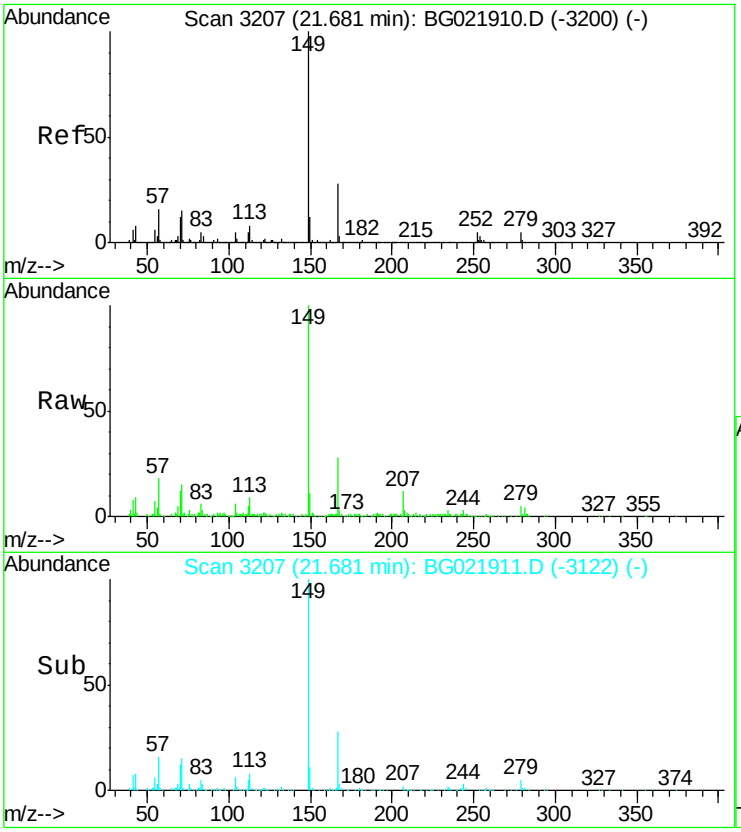


#81
Benzo(a)anthracene
Concen: 2.44 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Tgt Ion:228 Resp: 71824

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.6	25.0
226	27.6	21.0	31.4



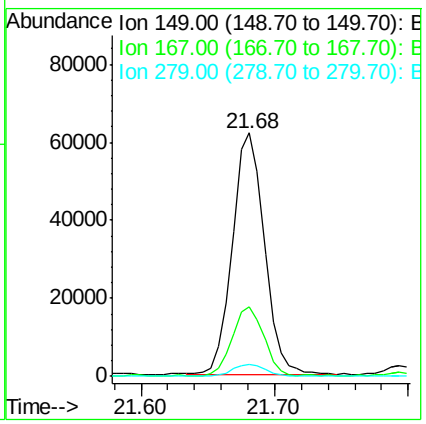


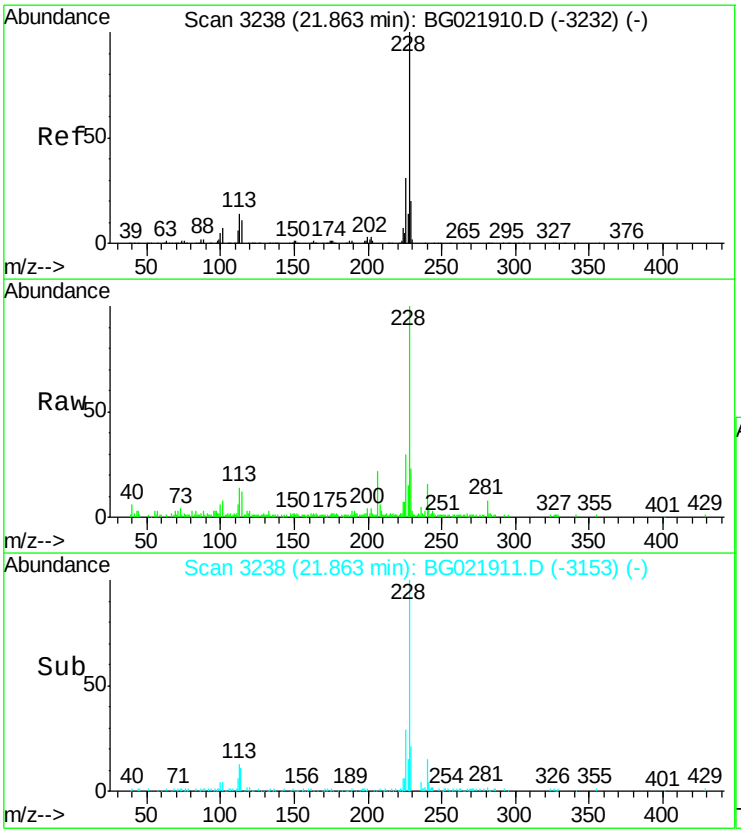
#82
Bis(2-ethylhexyl)phthalate
Concen: 9.33 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Instrument :
BNA_G
ClientSampleId :
D9XF5

Tgt Ion:149 Resp: 103047

Ion	Ratio	Lower	Upper
149	100		
167	28.3	20.5	30.7
279	4.9	3.7	5.5

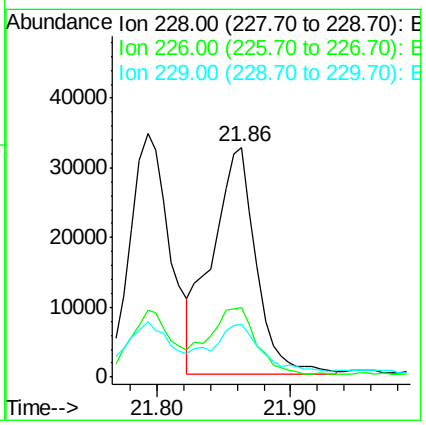


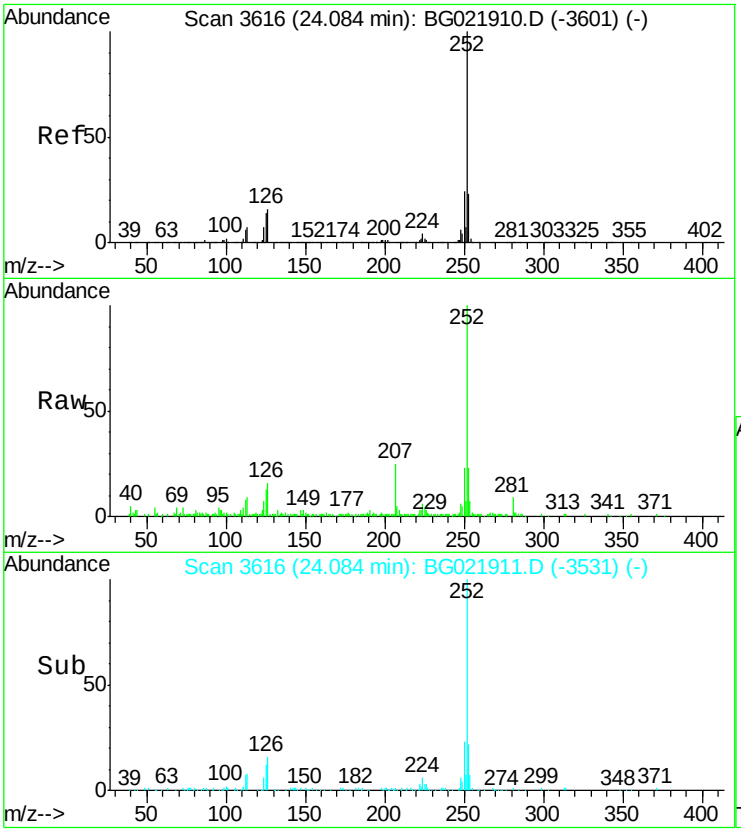


#83
Chrysene
Concen: 2.59 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Tgt Ion:228 Resp: 75435

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	23.0	16.2	24.2



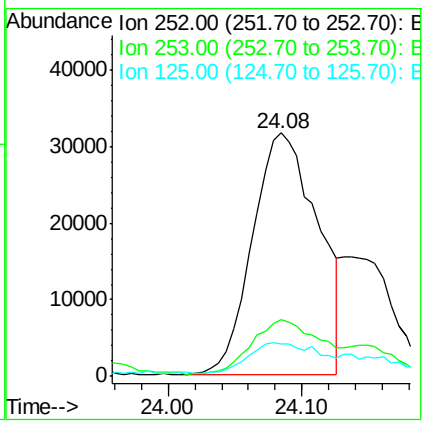


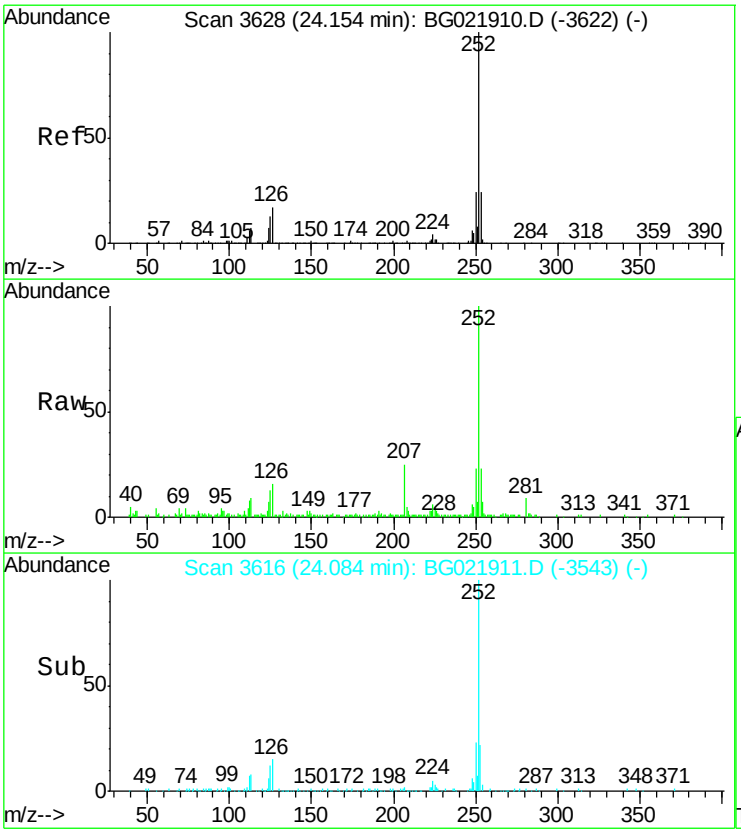
#86
Benzo(b)fluoranthene
Concen: 3.52 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Instrument :
BNA_G
ClientSampleId :
D9XF5

Tgt Ion:252 Resp: 106444

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.4	7.6	11.4#

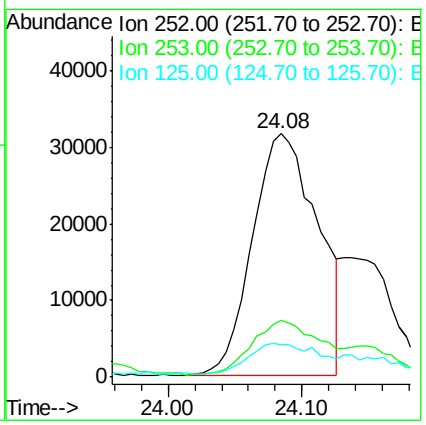


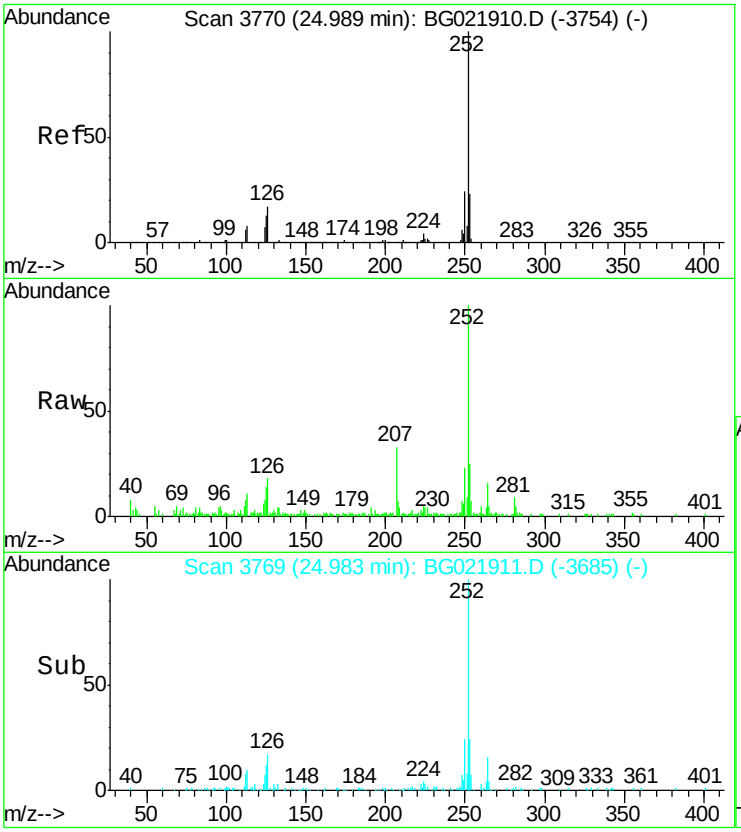


#87
Benzo(k)fluoranthene
Concen: 3.28 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. -0.07 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Tgt Ion:252 Resp: 106444

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	13.4	7.7	11.5#



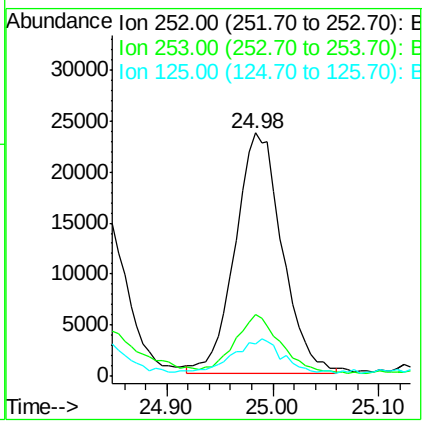


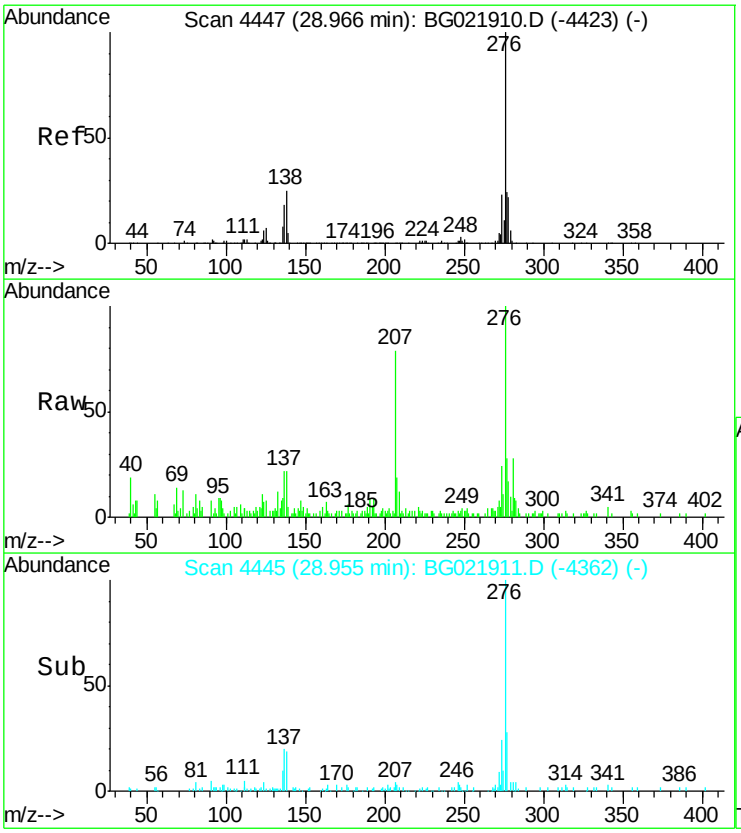
#89
Benzo(a)pyrene
Concen: 2.41 ng/ul
RT: 24.98 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Instrument :
BNA_G
ClientSampleId :
D9XF5

Tgt Ion:252 Resp: 72744

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	13.6	8.2	12.2#

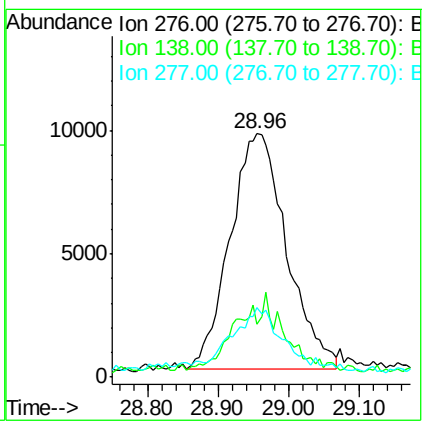


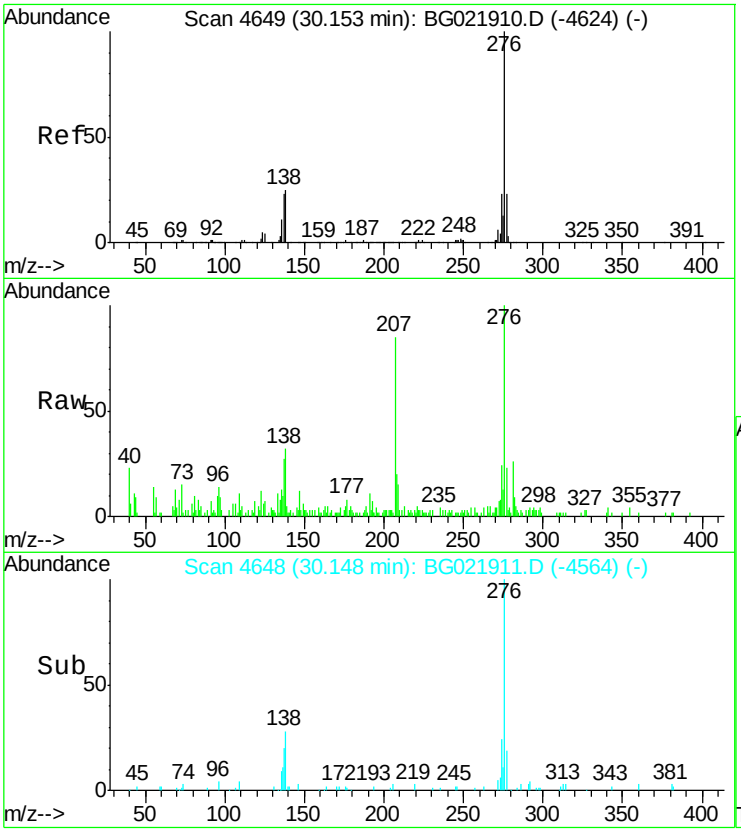


#90
Indeno(1,2,3-cd)pyrene
Concen: 1.49 ng/ul
RT: 28.96 min Scan# 4445
Delta R.T. -0.01 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Tgt Ion:276 Resp: 53127

Ion	Ratio	Lower	Upper
276	100		
138	21.9	15.8	23.6
277	28.3	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 1.58 ng/ul
RT: 30.15 min Scan# 4648
Delta R.T. -0.01 min
Lab File: BG021911.D
Acq: 16 May 2016 18:05

Instrument :
BNA_G
ClientSampleId :
D9XF5

Tgt Ion:276 Resp: 46678

Ion	Ratio	Lower	Upper
276	100		
138	31.7	13.9	20.9#
277	23.1	19.8	29.6