Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
Data File : BG022091.D
Acq On : 26 May 2016 21:48
Operator : UM/SJ
Sample : H3201-25
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ4

Quant Time: May 27 05:51:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 05:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	35230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	194718	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	119252	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	235064	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	195580	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	188541	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	759	1.12	ng/uL	0.00
5) Phenol-d5	7.31	99	35488	11.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	19048	11.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	33636	12.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	26454	9.80	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	17241	12.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	18989	12.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	33855	12.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	34811	11.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	128854	14.39	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	168313	13.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	7354	4.77	ng/ul	0.02
57) Fluorene-d10	15.76	176	113177	13.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11725	9.54	ng/ul	0.00
70) Anthracene-d10	17.62	188	148345	13.15	ng/ul	0.00
76) Pyrene-d10	19.89	212	159609	14.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	126654	14.48	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	48782	5.42	ng/ul	99
54) 2,4-Dinitrotoluene	14.78	165	15349	5.90	ng/ul#	46
69) Phenanthrene	17.56	178	79942	6.11	ng/ul	98
71) Anthracene	17.65	178	20628	1.56	ng/ul	98
74) Fluoranthene	19.56	202	116238	8.70	ng/ul	97
77) Pyrene	19.92	202	90885	6.60	ng/ul	97
80) Benzo(a)anthracene	21.78	228	39776	3.47	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.66	149	48038	5.18	ng/ul#	96
82) Chrysene	21.85	228	36209	3.29	ng/ul#	92
85) Benzo(b)fluoranthene	24.06	252	46402	4.21	ng/ul#	96
86) Benzo(k)fluoranthene	24.06	252	46402	4.32	ng/ul#	92
88) Benzo(a)pyrene	24.96	252	33203	3.12	ng/ul	99
91) Benzo(g,h,i)perylene	30.10	276	11995	1.23	ng/ul	97

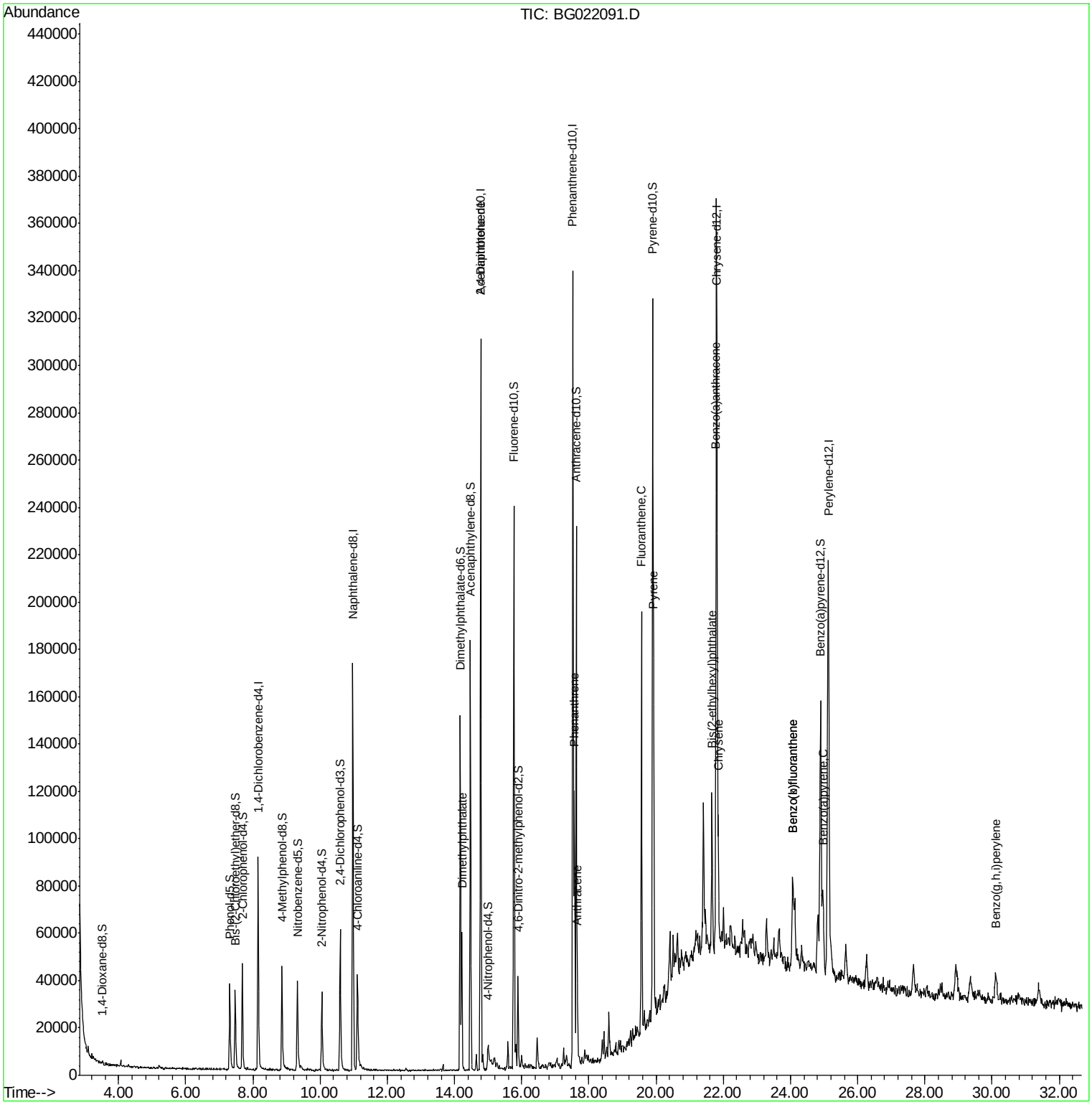
(#) = qualifier out of range (m) = manual integration (+) = signals summed

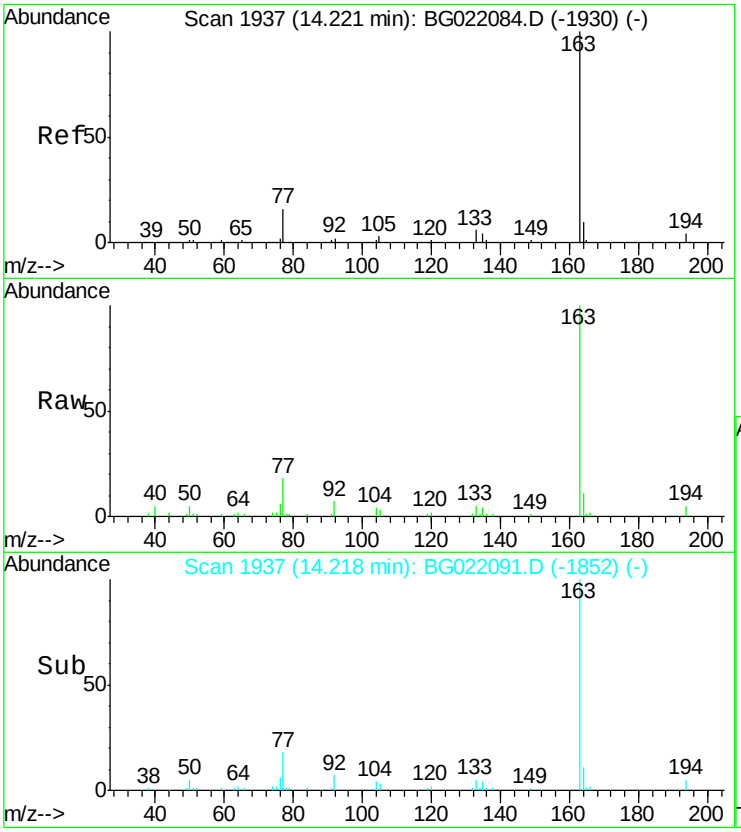
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
Data File : BG022091.D
Acq On : 26 May 2016 21:48
Operator : UM/SJ
Sample : H3201-25
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ4

Quant Time: May 27 05:51:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 05:50:42 2016
Response via : Initial Calibration



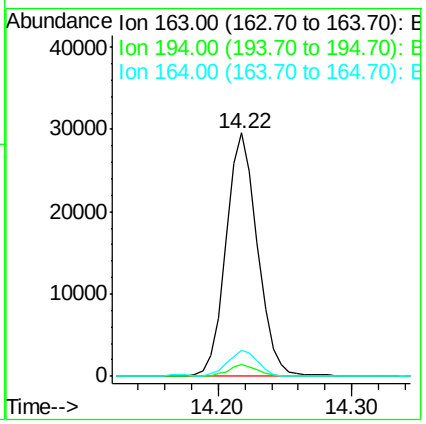


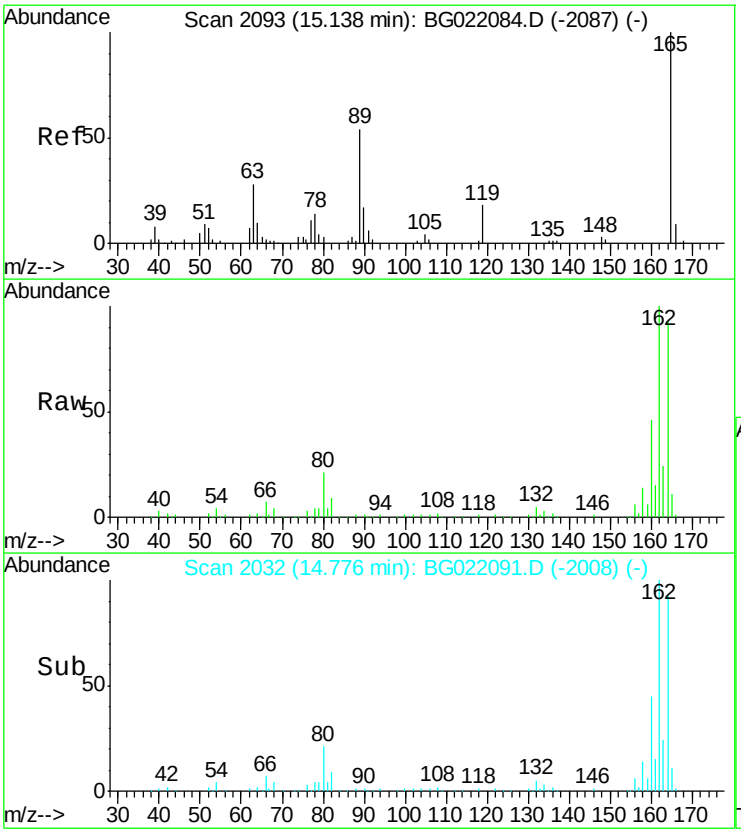
#44
Dimethylphthalate
Concen: 5.42 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampleId :
BCZJ4

Tgt Ion:163 Resp: 48782

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.5	8.8	13.2

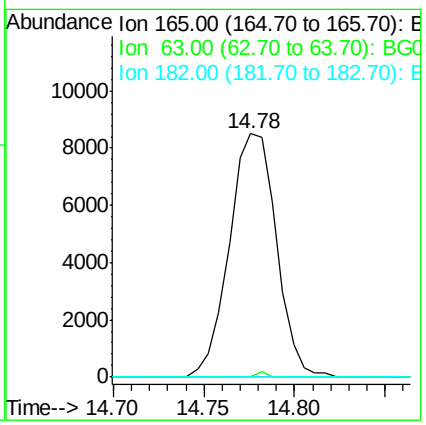


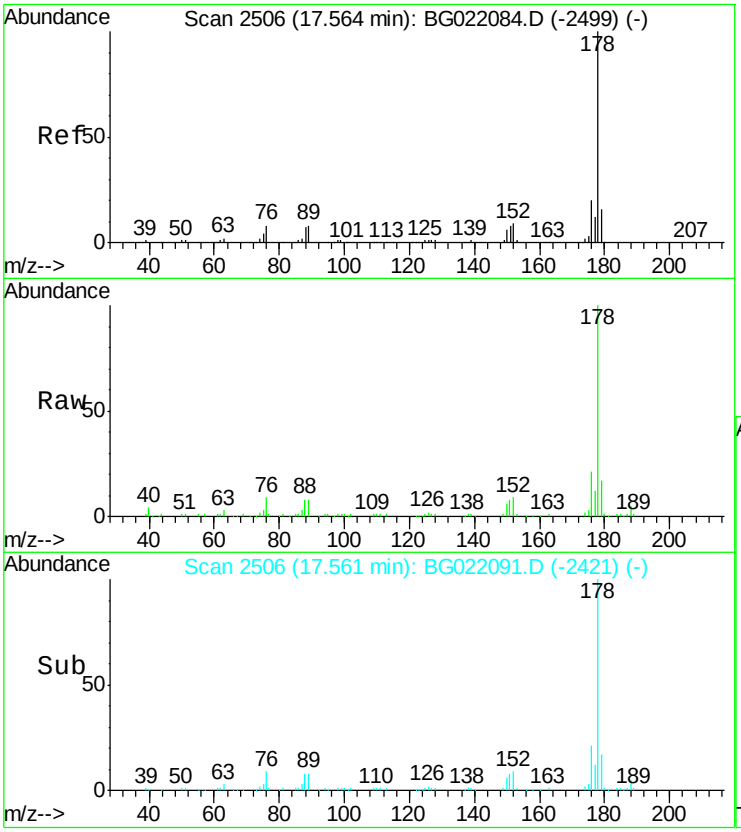


#54
2,4-Dinitrotoluene
Concen: 5.90 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.36 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Tgt Ion:165 Resp: 15349

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.7	38.5#
182	0.0	2.1	3.1#



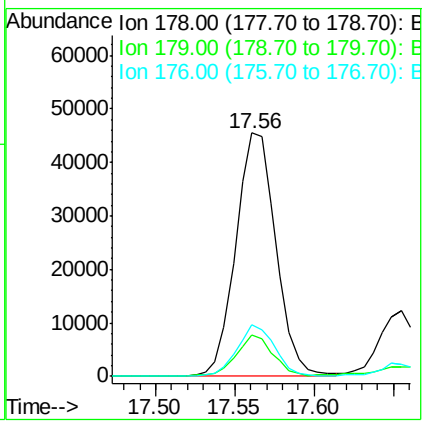


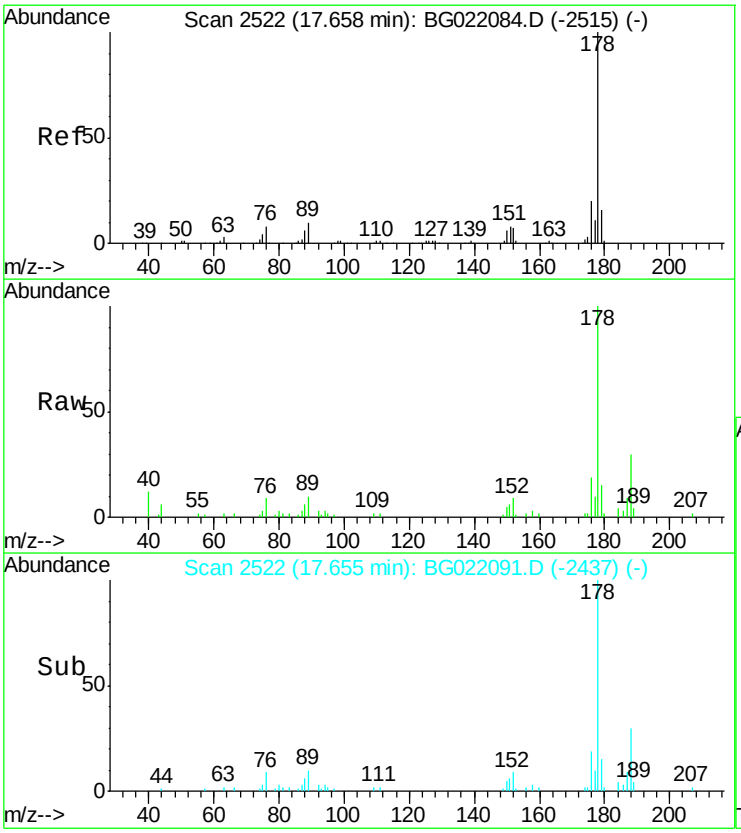
#69
Phenanthrene
Concen: 6.11 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampleId :
BCZJ4

Tgt Ion:178 Resp: 79942

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.9	19.3
176	21.0	15.8	23.8

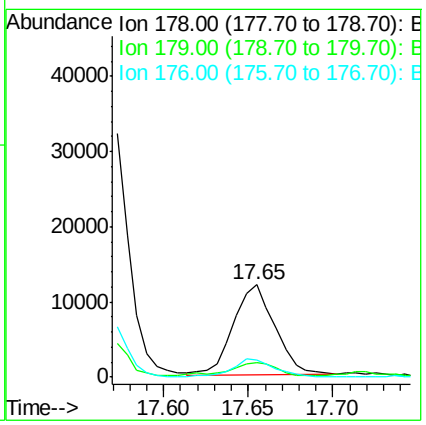


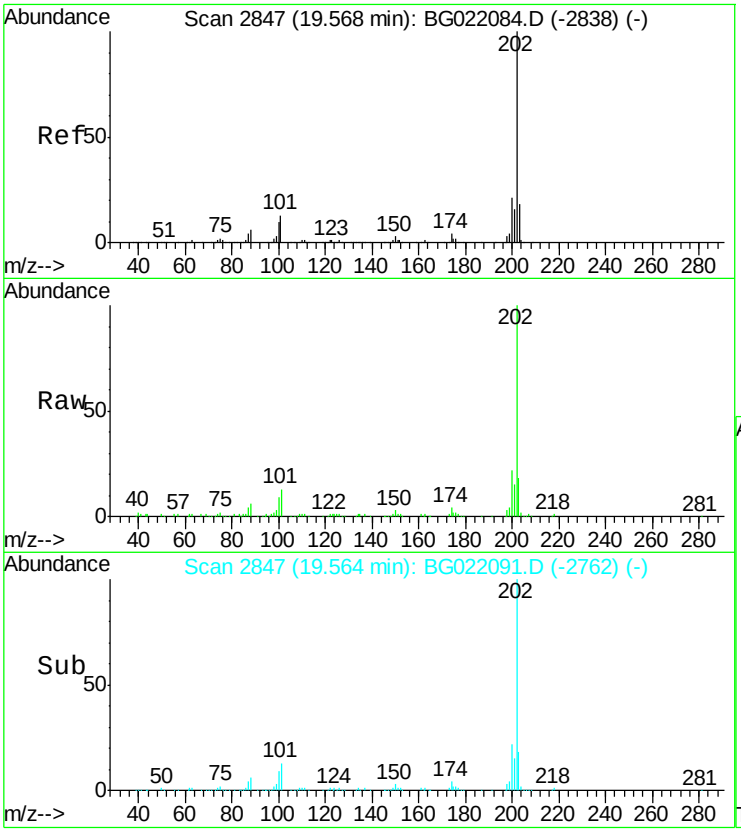


#71
Anthracene
Concen: 1.56 ng/ul
RT: 17.65 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Tgt Ion:178 Resp: 20628

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.9	16.3	24.5



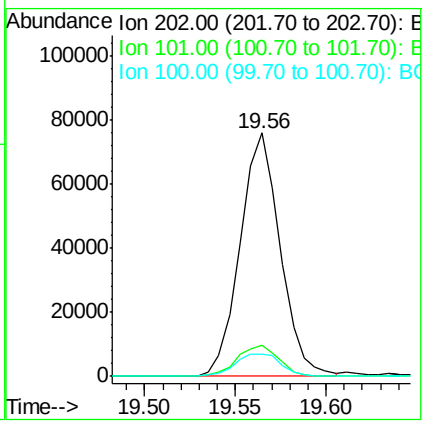


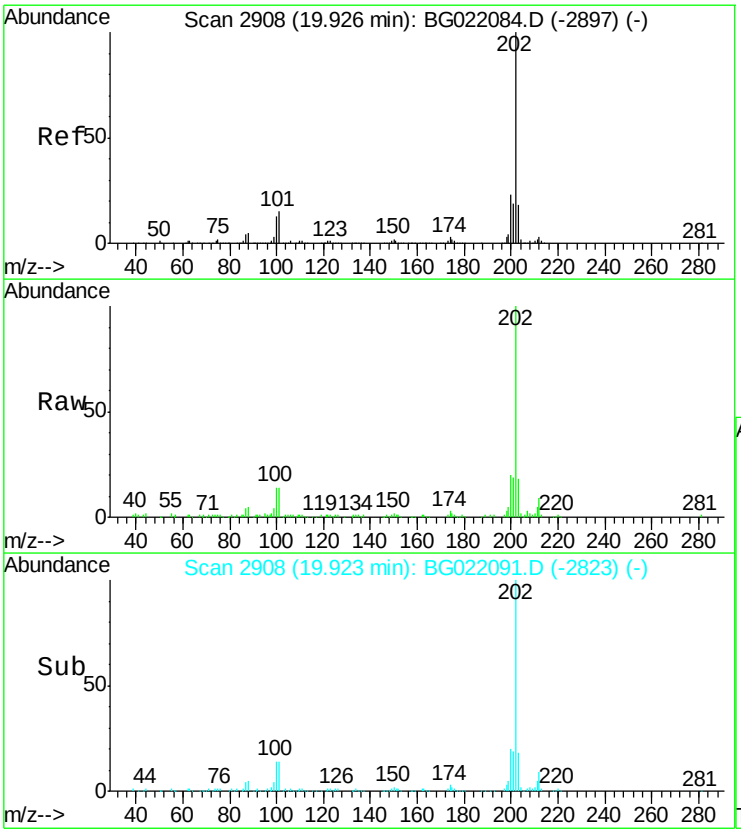
#74
Fluoranthene
Concen: 8.70 ng/ul
RT: 19.56 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampleId :
BCZJ4

Tgt Ion:202 Resp: 116238

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	16.0
100	9.2	8.7	13.1

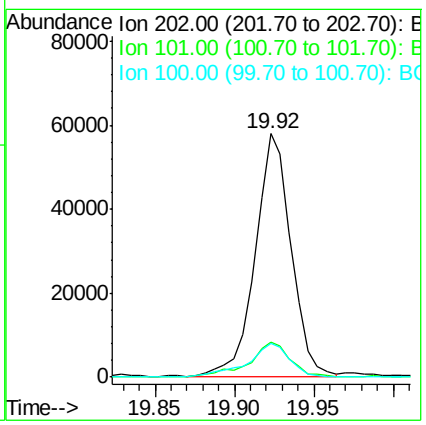


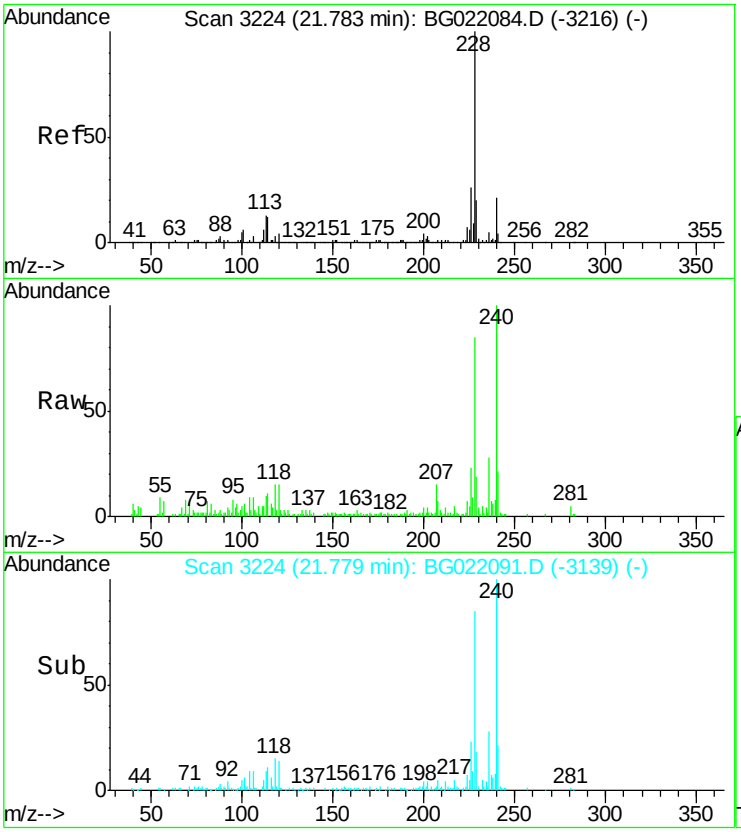


#77
Pyrene
Concen: 6.60 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Tgt Ion:202 Resp: 90885

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.5	18.7
100	14.1	10.2	15.4



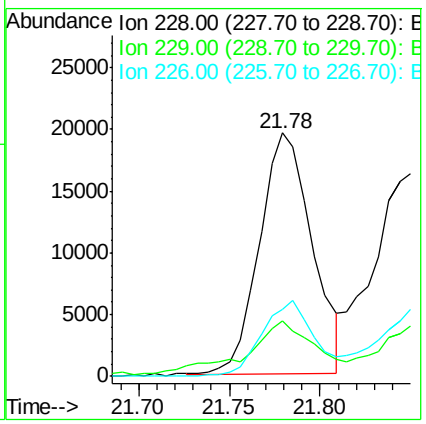


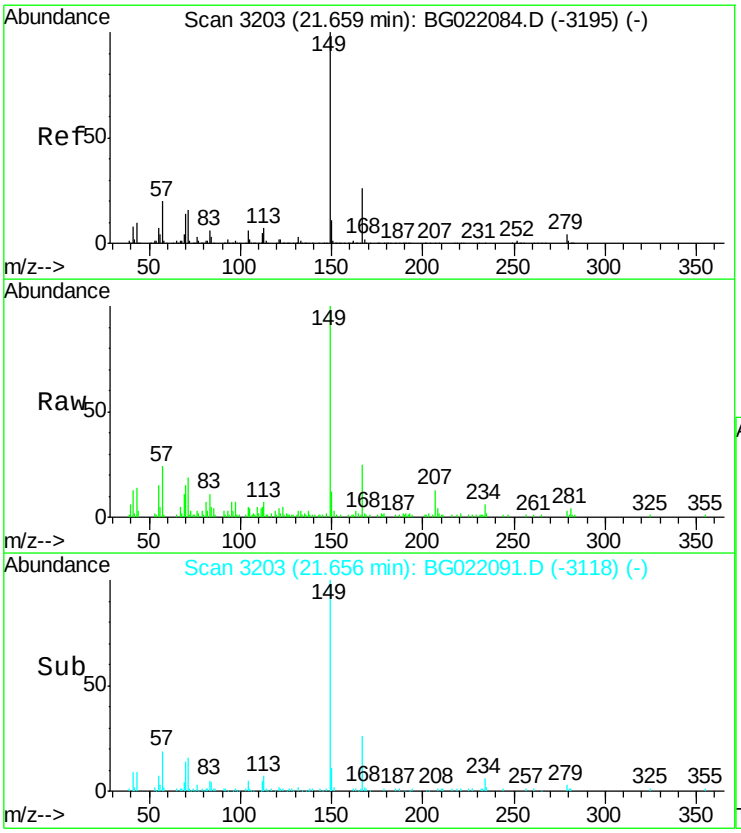
#80
Benzo(a)anthracene
Concen: 3.47 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampleId :
BCZJ4

Tgt Ion:228 Resp: 39776

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.4	23.2
226	27.3	22.8	34.2

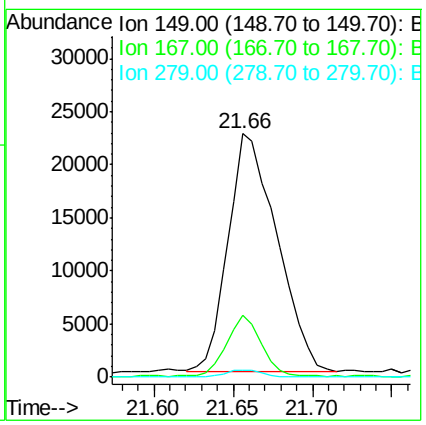


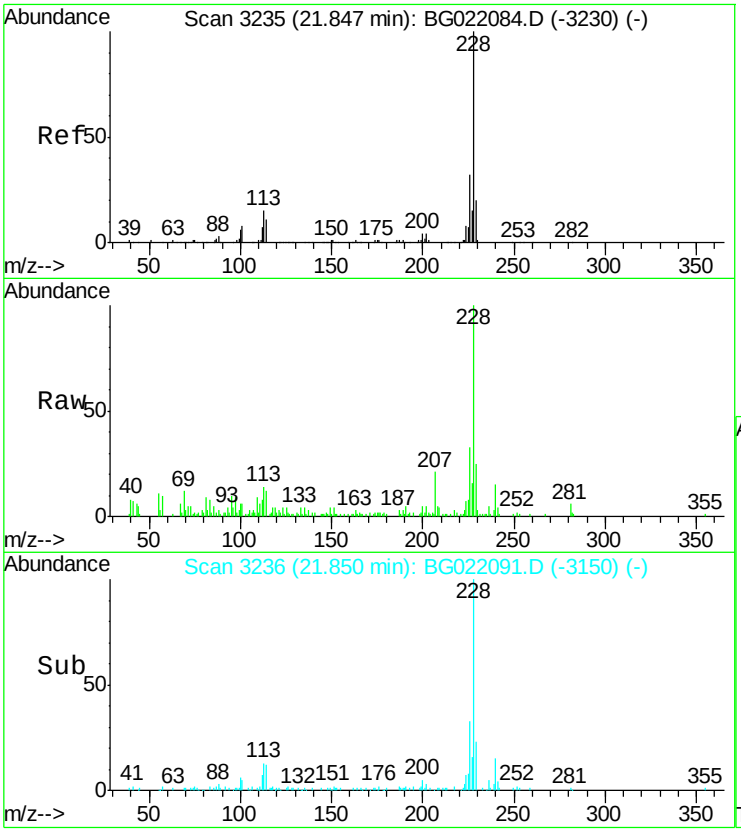


#81
Bis(2-ethylhexyl)phthalate
Concen: 5.18 ng/ul
RT: 21.66 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Tgt Ion:149 Resp: 48038

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.9	32.9
279	2.6	2.9	4.3#



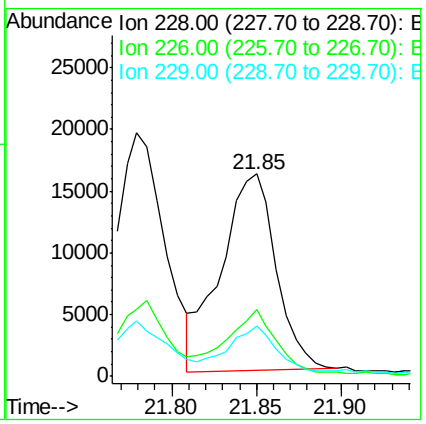


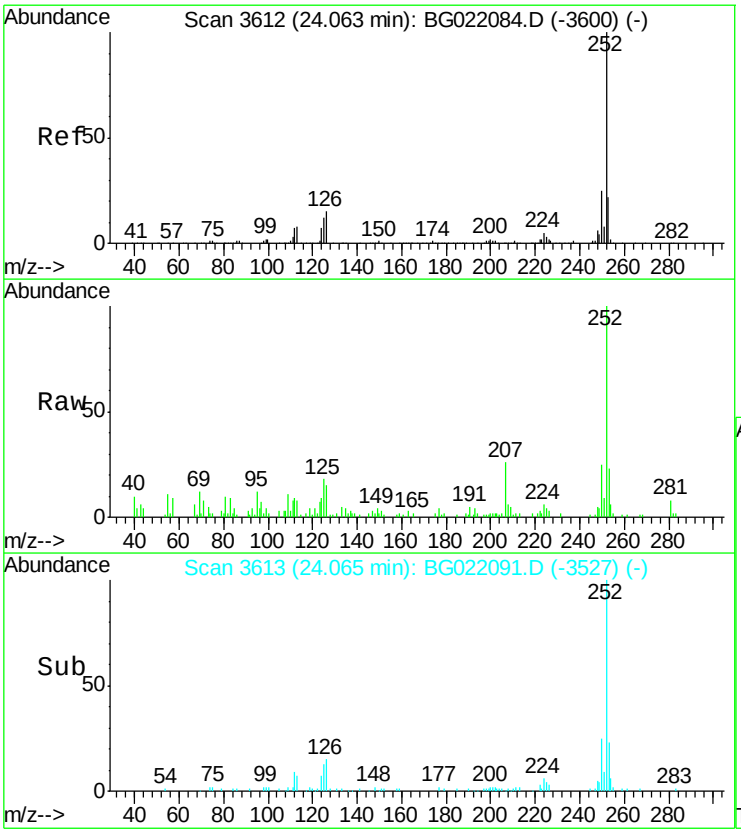
#82
Chrysene
Concen: 3.29 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampleId :
BCZJ4

Tgt Ion:228 Resp: 36209

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.2	36.4
229	24.8	15.0	22.6#

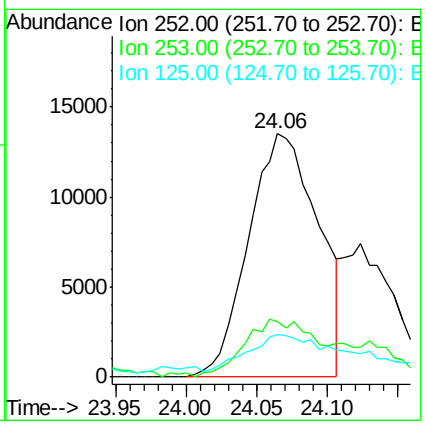


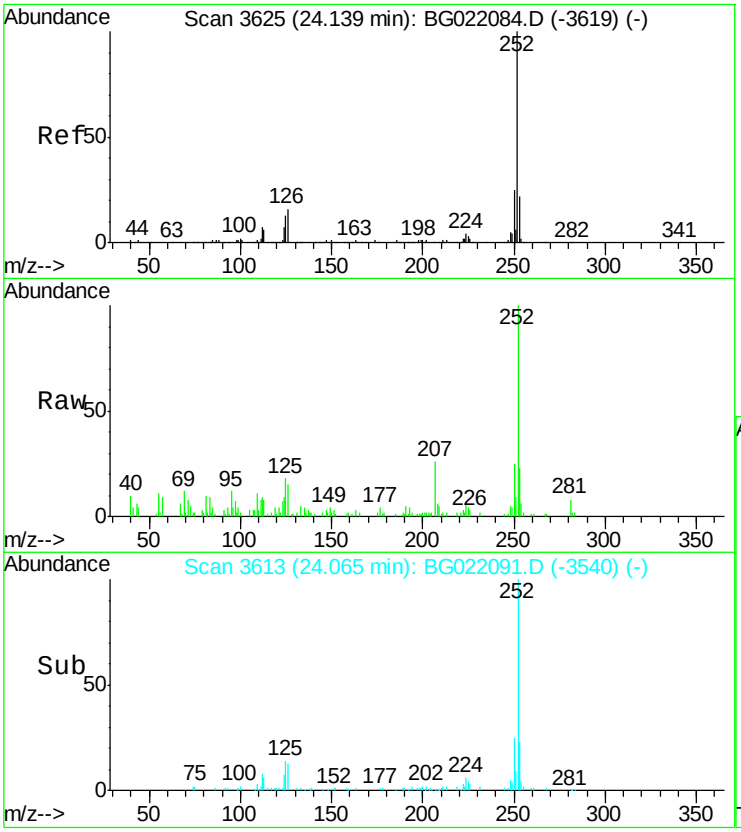


#85
Benzo(b)fluoranthene
Concen: 4.21 ng/ul
RT: 24.06 min Scan# 3613
Delta R.T. 0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Tgt Ion:252 Resp: 46402

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	17.6	10.8	16.2#



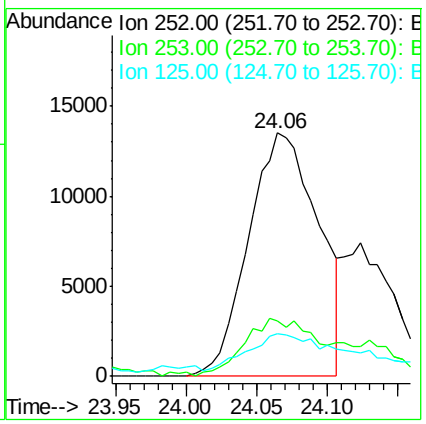


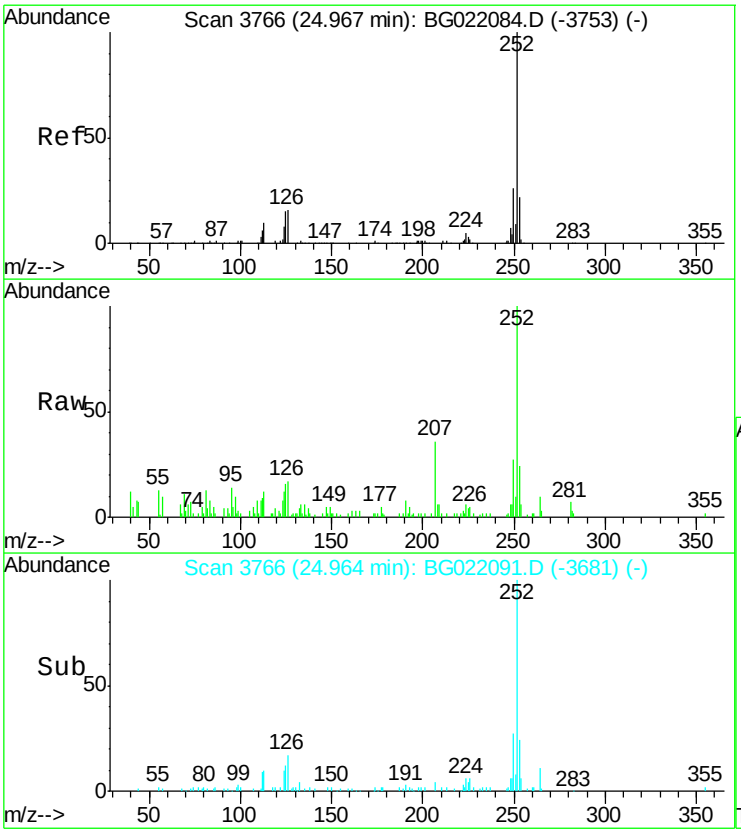
#86
Benzo(k)fluoranthene
Concen: 4.32 ng/ul
RT: 24.06 min Scan# 3613
Delta R.T. -0.07 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampleId :
BCZJ4

Tgt Ion:252 Resp: 46402

Ion	Ratio	Lower	Upper
252	100		
253	22.7	15.8	23.6
125	17.6	10.6	16.0#

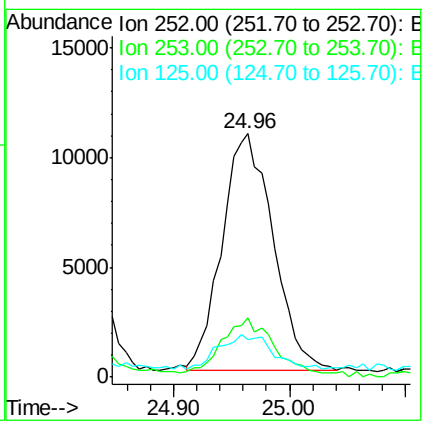


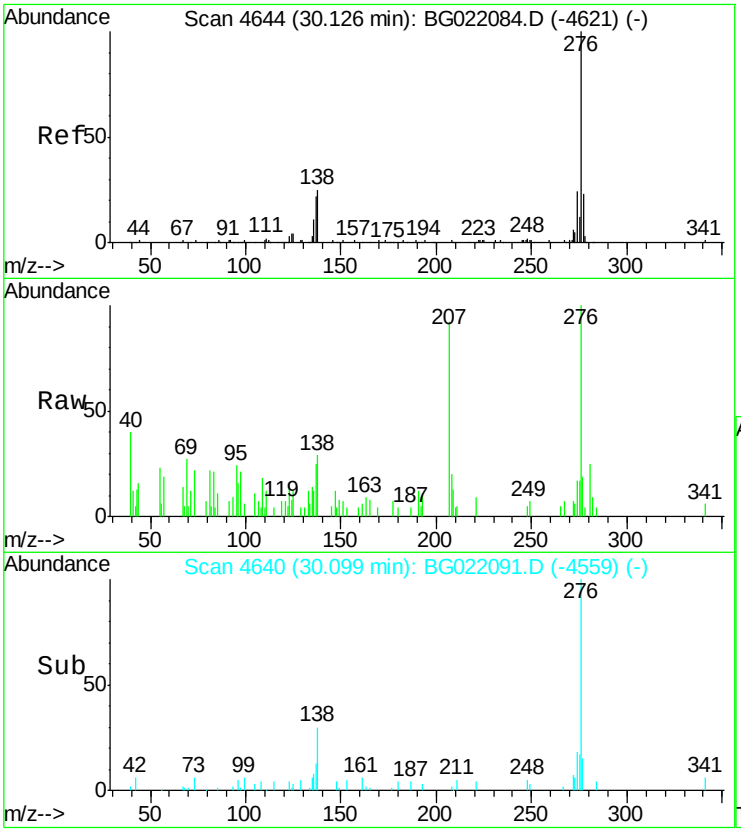


#88
Benzo(a)pyrene
Concen: 3.12 ng/ul
RT: 24.96 min Scan# 3766
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Tgt Ion:252 Resp: 33203

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	15.6	12.0	18.0





#91
Benzo(g,h,i)perylene
Concen: 1.23 ng/ul
RT: 30.10 min Scan# 4640
Delta R.T. -0.03 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampleId :
BCZJ4

Tgt Ion:276 Resp: 11995

Ion	Ratio	Lower	Upper
276	100		
138	28.6	22.1	33.1
277	19.1	17.0	25.4