Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 21 16:01:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 21 04:36:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	108072	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	480603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	398744	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	814759	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	979990	20.00	ng/ul	0.00
83) Perylene-d12	25.36	264	1054505	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	5989	2.87	ng/uL	0.00
5) Phenol-d5	7.39	99	168063	18.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	119323	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	124574	18.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	149746	19.26	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	74410	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	82143	18.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	154904	17.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	104942	10.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	566225	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	658465	20.78	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	68504	13.24	ng/ul	0.00
57) Fluorene-d10	15.87	176	537346	19.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	55600	9.93	ng/ul	0.00
70) Anthracene-d10	17.72	188	780859	21.70	ng/ul	0.00
76) Pyrene-d10	20.00	212	925235	21.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.12	264	942233	20.41	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	23878	2.47	ng/ul	97
44) Dimethylphthalate	14.31	163	102980	3.69	ng/ul	96
49) Acenaphthene	14.94	153	26289	1.21	ng/ul	96
58) Fluorene	15.92	166	38777	1.44	ng/ul#	94
69) Phenanthrene	17.66	178	486923	11.99	ng/ul	98
71) Anthracene	17.75	178	205021	4.88	ng/ul	98
72) Carbazole	18.03	167	64595	1.87	ng/ul	97
74) Fluoranthene	19.66	202	1029480	21.82	ng/ul	98
77) Pyrene	20.02	202	793598	16.48	ng/ul	98
80) Benzo(a)anthracene	21.90	228	620061	11.63	ng/ul	98
82) Chrysene	21.96	228	542470	10.85	ng/ul	95
85) Benzo(b)fluoranthene	24.26	252	592724	10.67	ng/ul	98
86) Benzo(k)fluoranthene	24.26	252	592724	11.23	ng/ul	99
88) Benzo(a)pyrene	25.19	252	416223	7.74	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.30	276	236513	3.52	ng/ul#	92
91) Benzo(g,h,i)perylene	30.55	276	174207	3.15	ng/ul	94

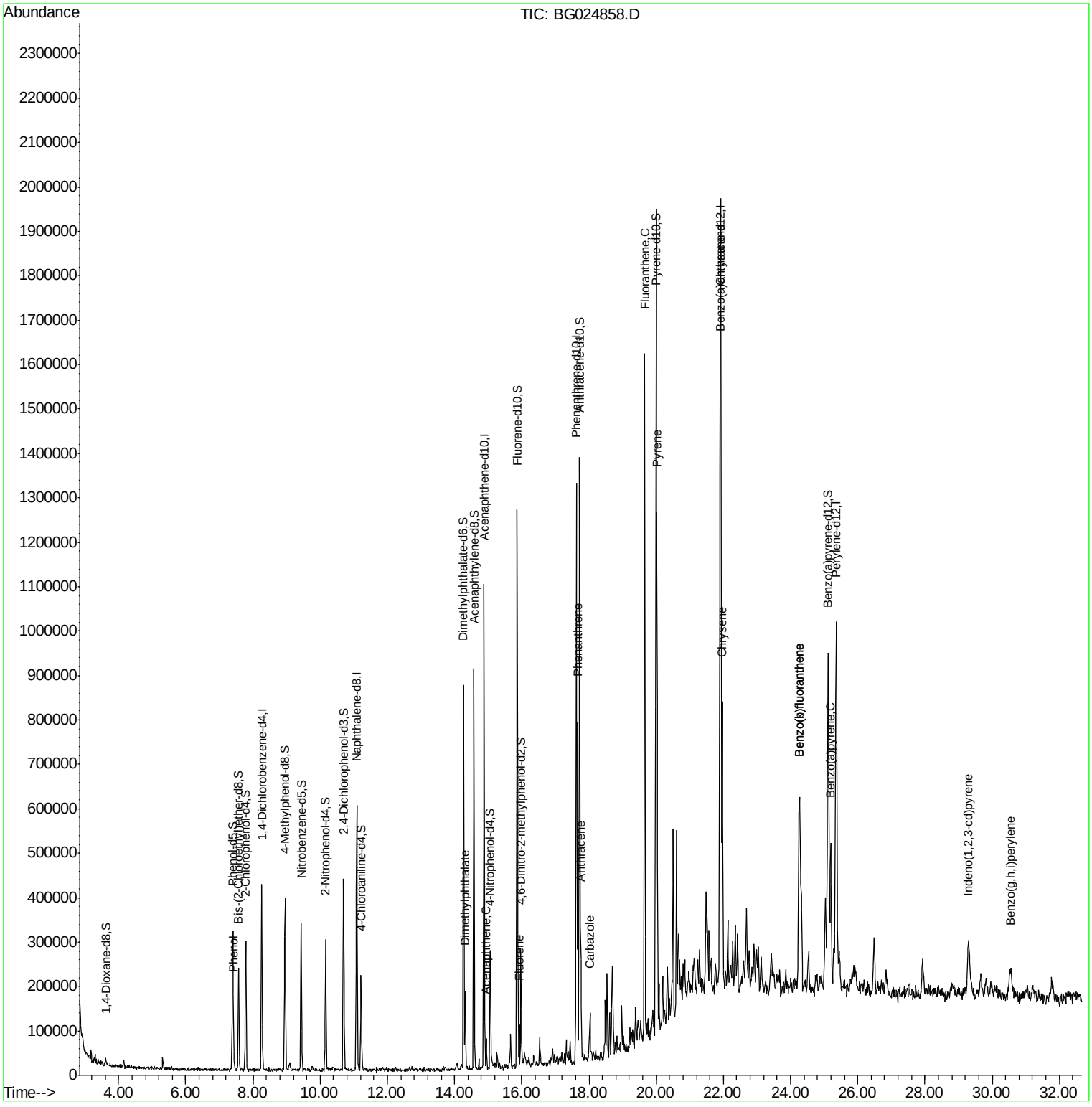
(#) = qualifier out of range (m) = manual integration (+) = signals summed

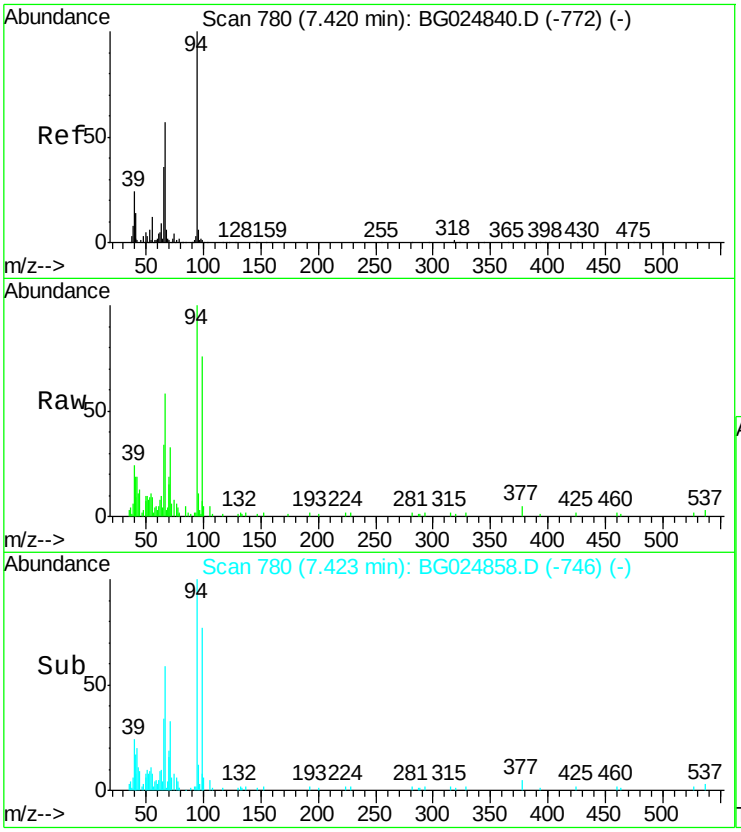
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024858.D
Acq On : 21 Nov 2016 14:35
Operator : UM/SJ
Sample : H5694-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 21 16:01:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 21 04:36:38 2016
Response via : Initial Calibration



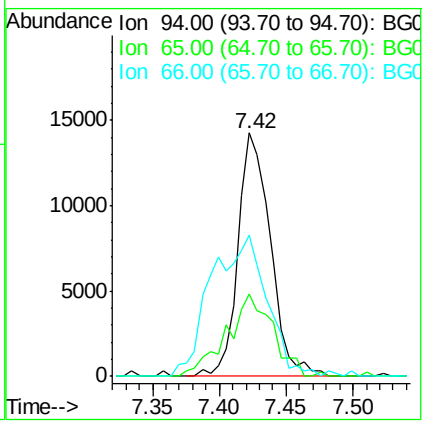


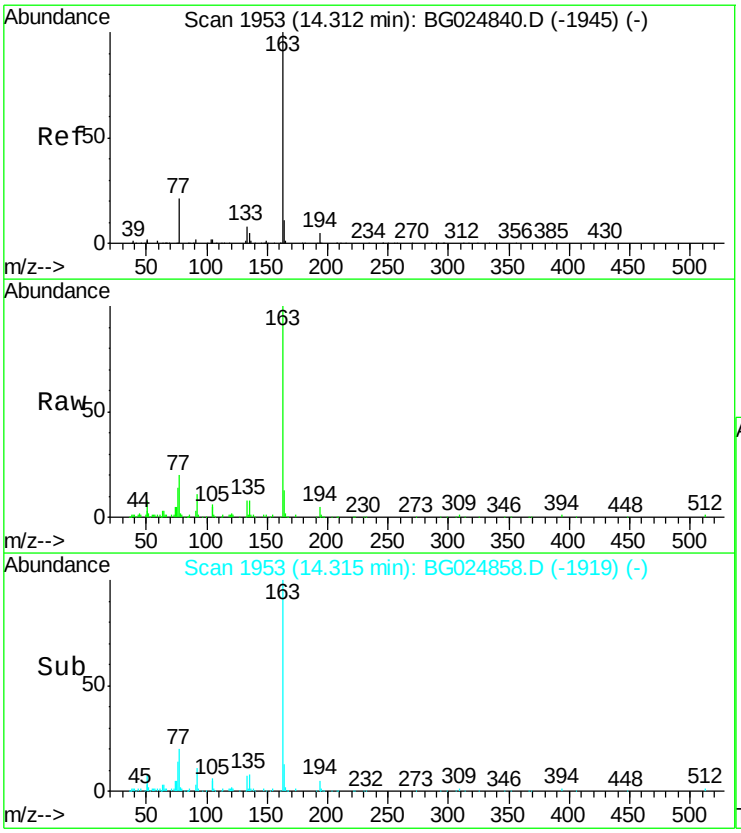
#6
Phenol
Concen: 2.47 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 23878

Ion	Ratio	Lower	Upper
94	100		
65	34.0	26.8	40.2
66	58.2	44.4	66.6

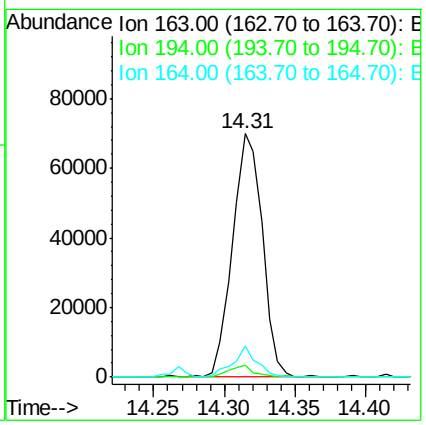


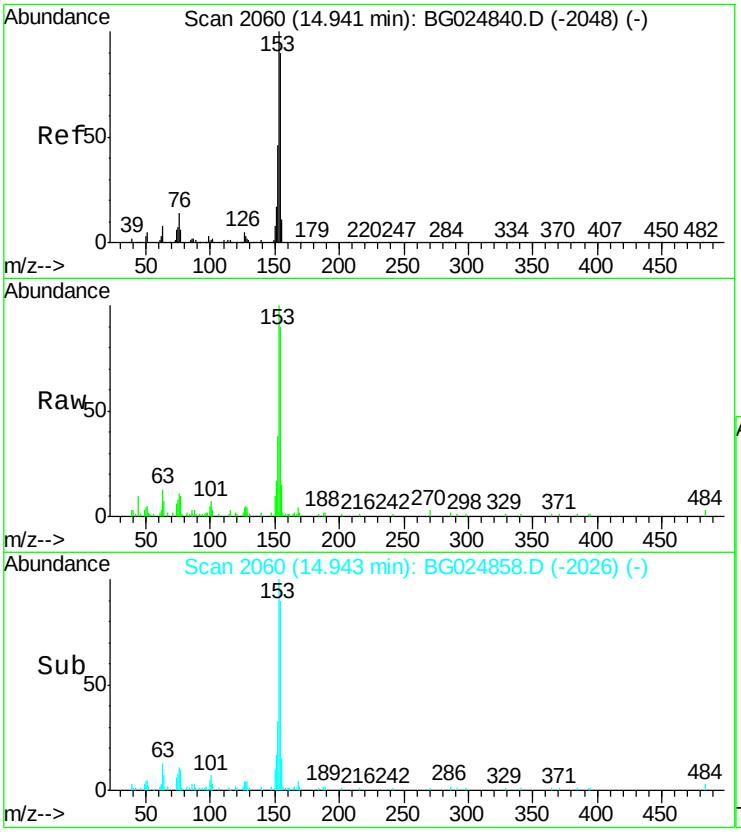


#44
Dimethylphthalate
Concen: 3.69 ng/ul
RT: 14.31 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Tgt Ion:163 Resp: 102980

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	12.8	9.0	13.4



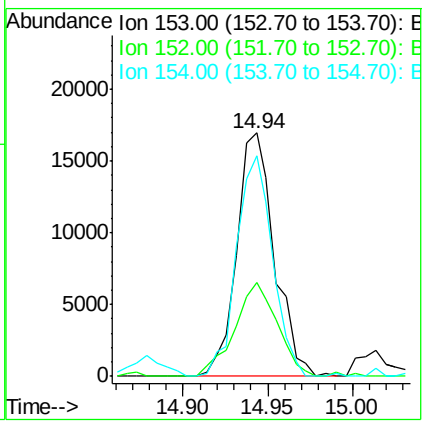


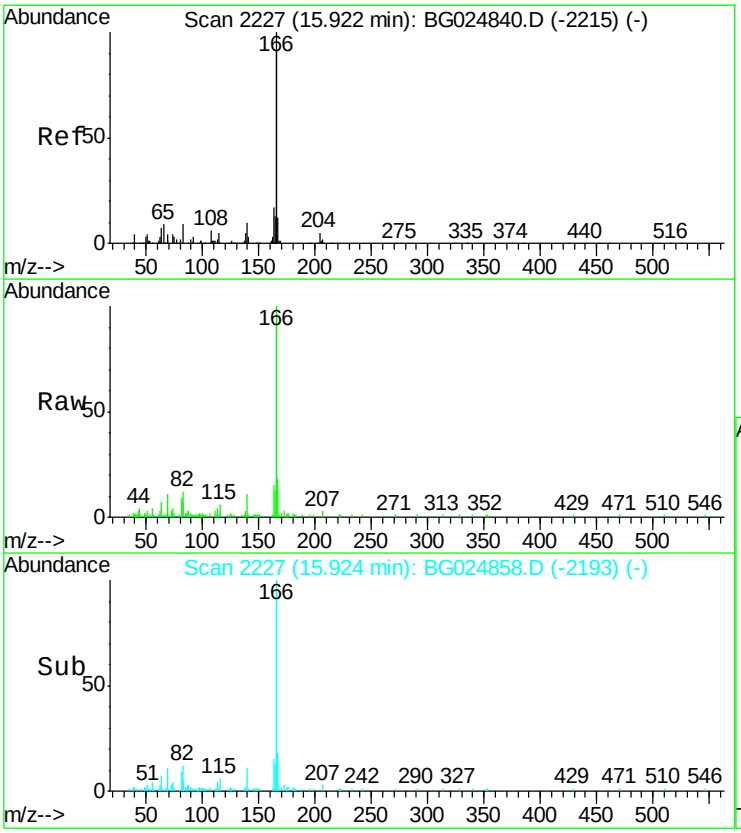
#49
Acenaphthene
Concen: 1.21 ng/ul
RT: 14.94 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 26289

Ion	Ratio	Lower	Upper
153	100		
152	38.5	36.5	54.7
154	90.4	72.3	108.5

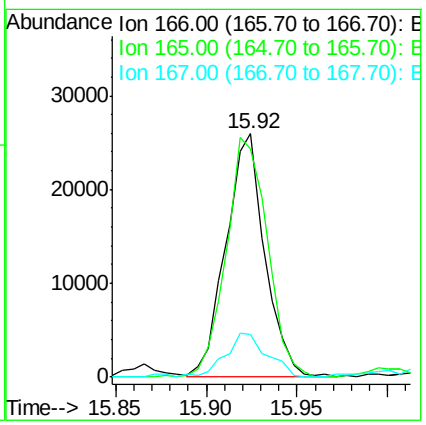


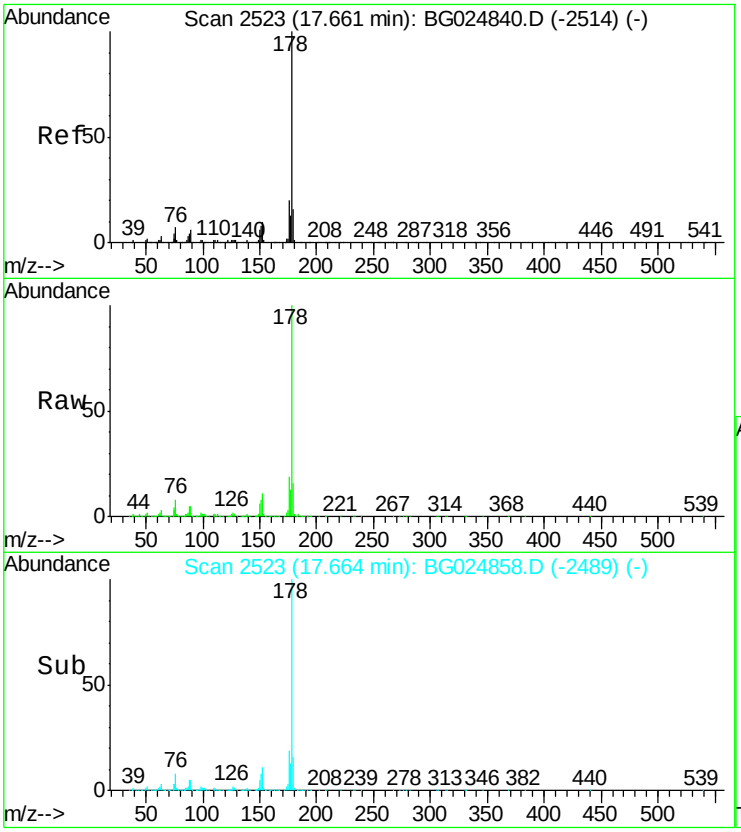


#58
Fluorene
Concen: 1.44 ng/ul
RT: 15.92 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Tgt Ion:166 Resp: 38777

Ion	Ratio	Lower	Upper
166	100		
165	93.8	79.7	119.5
167	17.8	11.4	17.2#



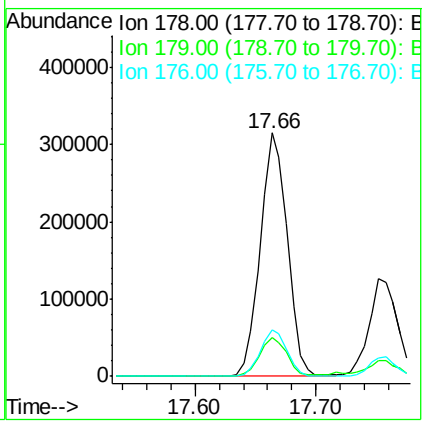


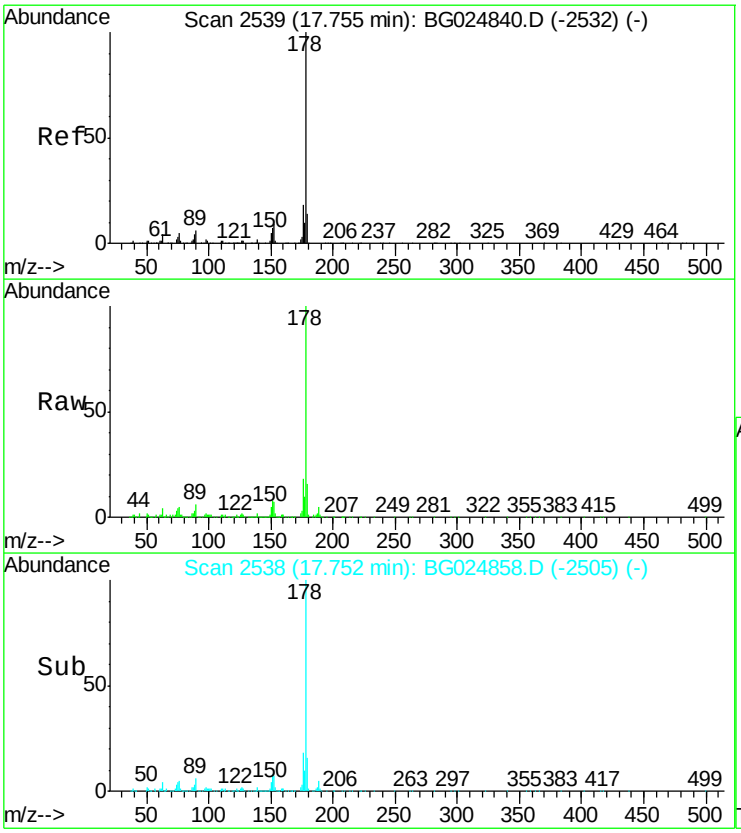
#69
Phenanthrene
Concen: 11.99 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 486923

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.2	16.5	24.7

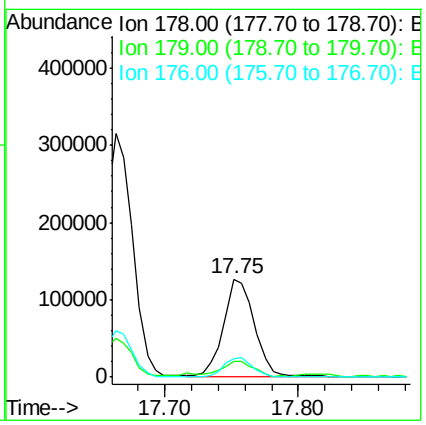


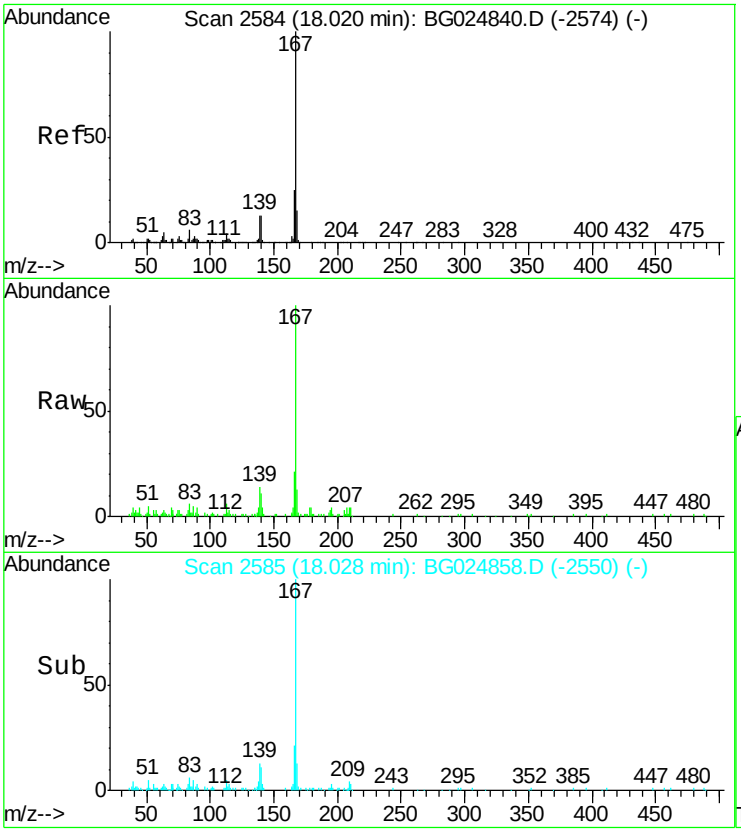


#71
Anthracene
Concen: 4.88 ng/ul
RT: 17.75 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Tgt Ion:178 Resp: 205021

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	18.3	15.9	23.9



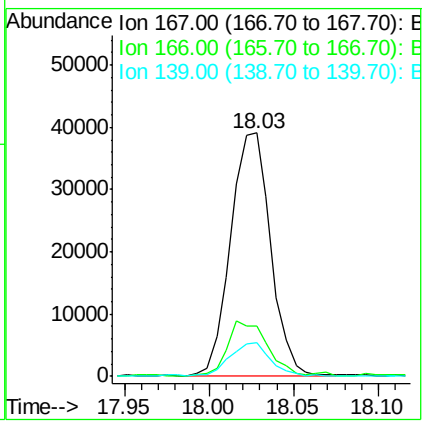


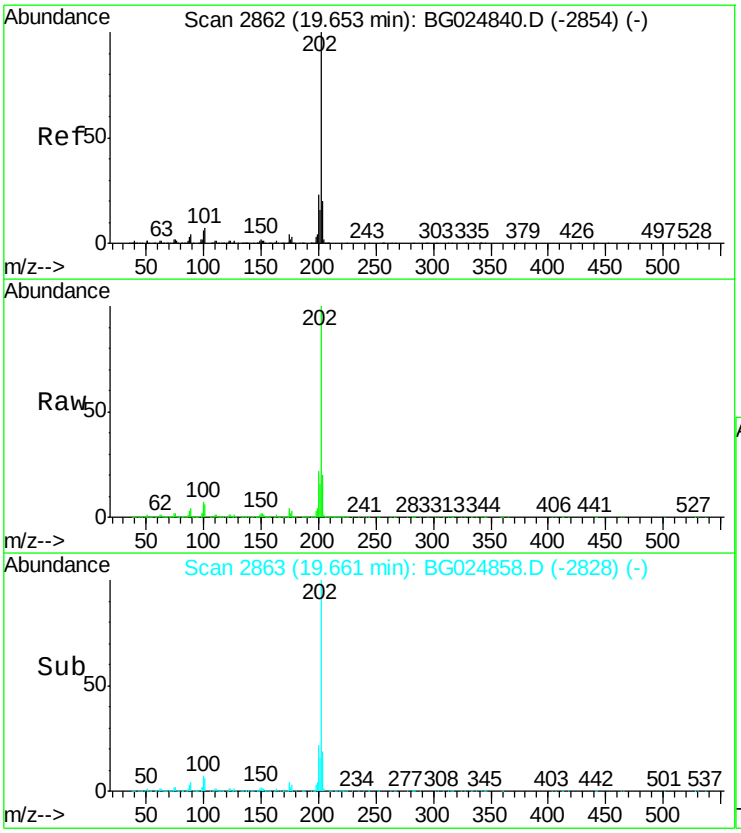
#72
Carbazole
Concen: 1.87 ng/ul
RT: 18.03 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 64595

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.9	26.9
139	14.0	10.5	15.7

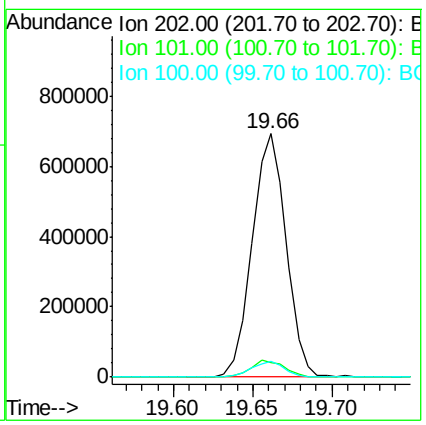


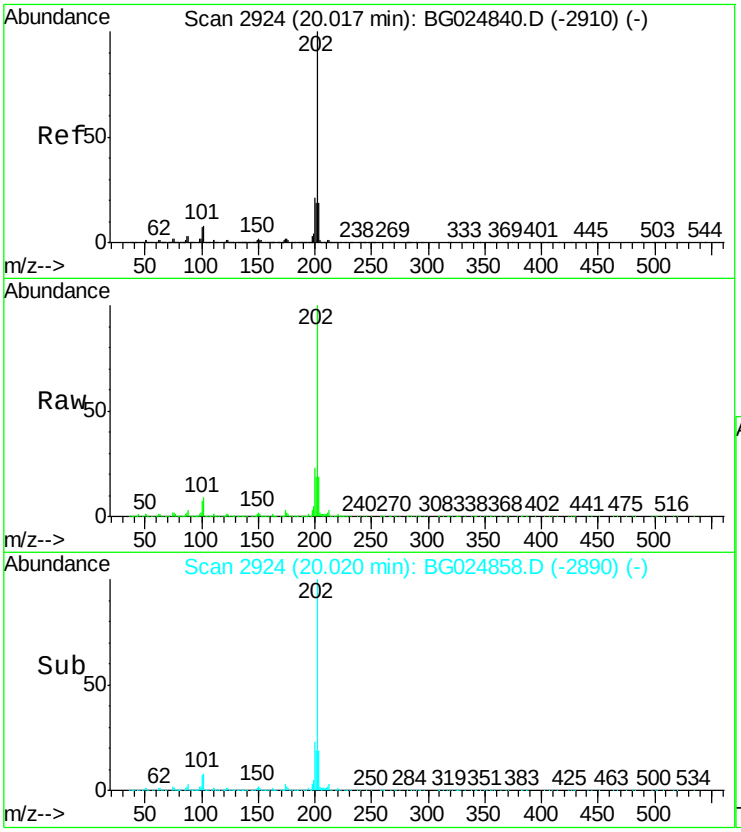


#74
Fluoranthene
Concen: 21.82 ng/ul
RT: 19.66 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Tgt Ion:202 Resp: 1029480

Ion	Ratio	Lower	Upper
202	100		
101	6.2	6.2	9.2
100	6.6	5.2	7.8



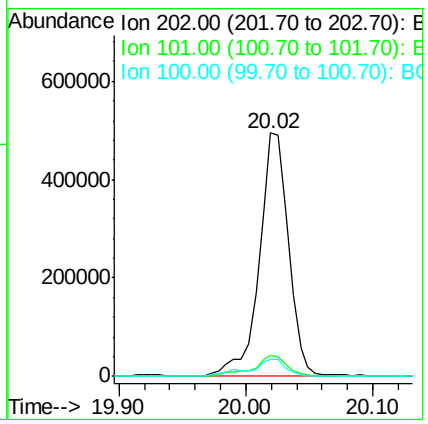


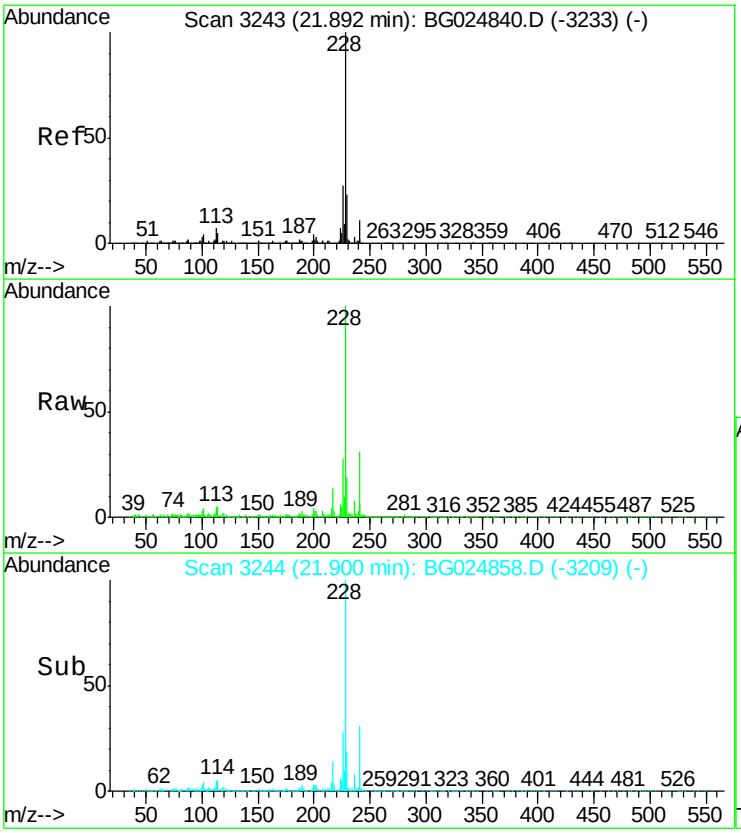
#77
Pyrene
Concen: 16.48 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 793598

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	6.8	6.6	10.0

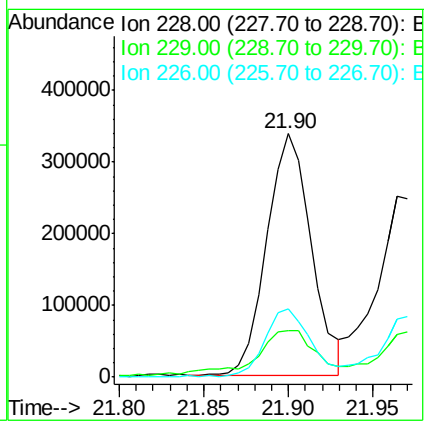


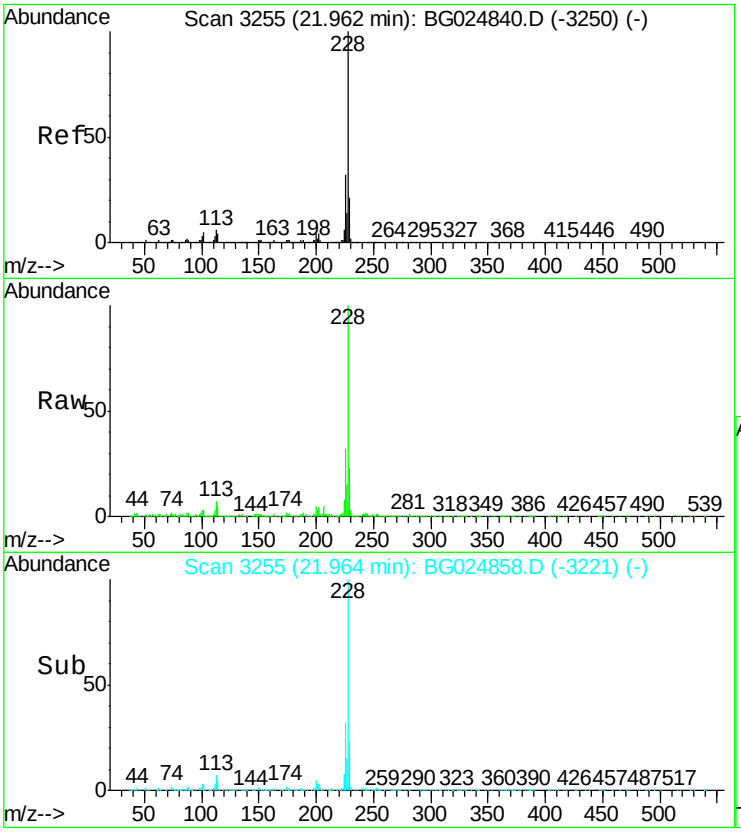


#80
Benzo(a)anthracene
Concen: 11.63 ng/ul
RT: 21.90 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Tgt Ion:228 Resp: 620061

Ion	Ratio	Lower	Upper
228	100		
229	19.0	16.3	24.5
226	28.2	21.9	32.9



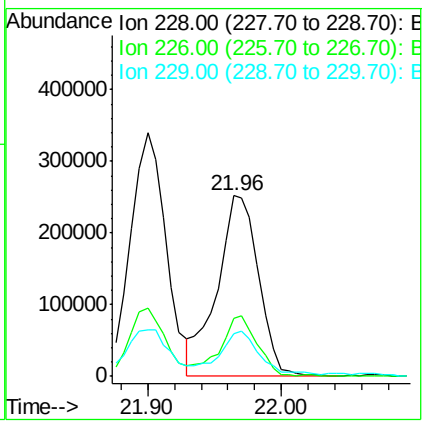


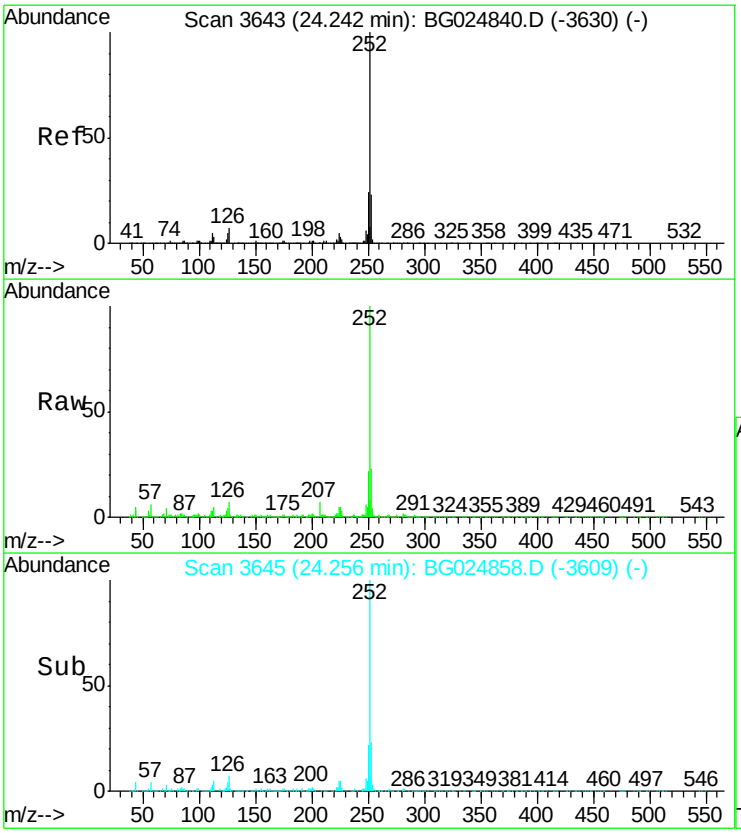
#82
Chrysene
Concen: 10.85 ng/ul
RT: 21.96 min Scan# 3255
Delta R.T. 0.00 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 542470

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	23.5	16.9	25.3

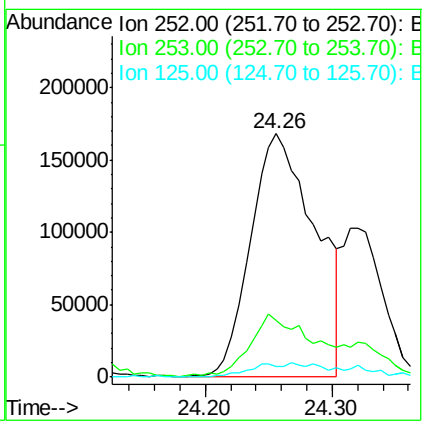


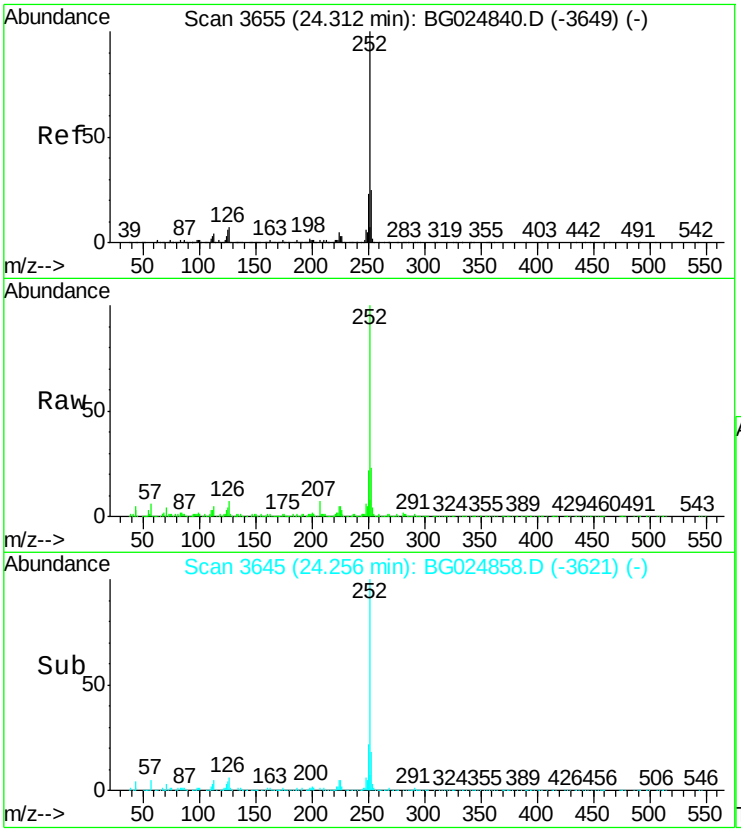


#85
Benzo(b)fluoranthene
Concen: 10.67 ng/ul
RT: 24.26 min Scan# 3645
Delta R.T. 0.01 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Tgt Ion:252 Resp: 592724

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	4.5	4.0	6.0



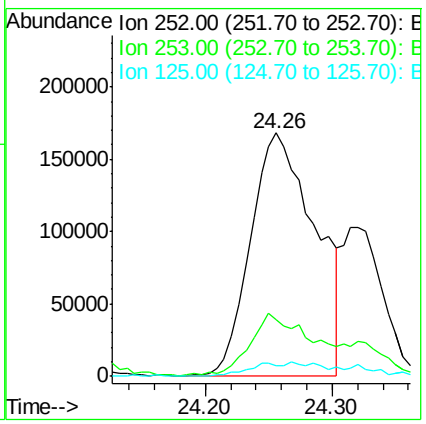


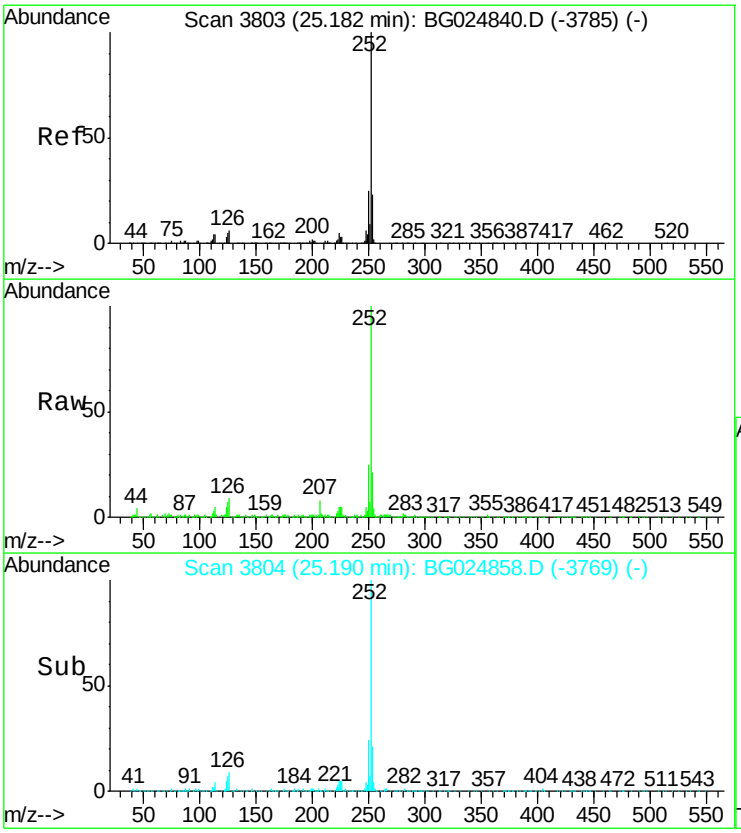
#86
Benzo(k)fluoranthene
Concen: 11.23 ng/ul
RT: 24.26 min Scan# 3645
Delta R.T. -0.06 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 592724

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	4.5	4.1	6.1

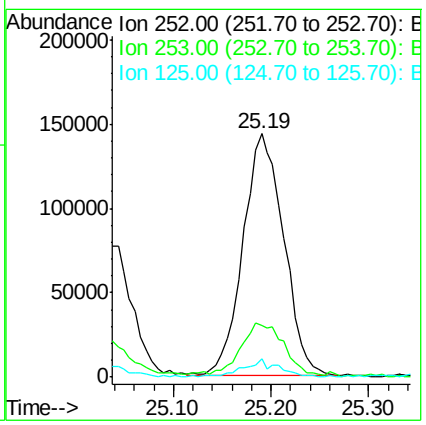


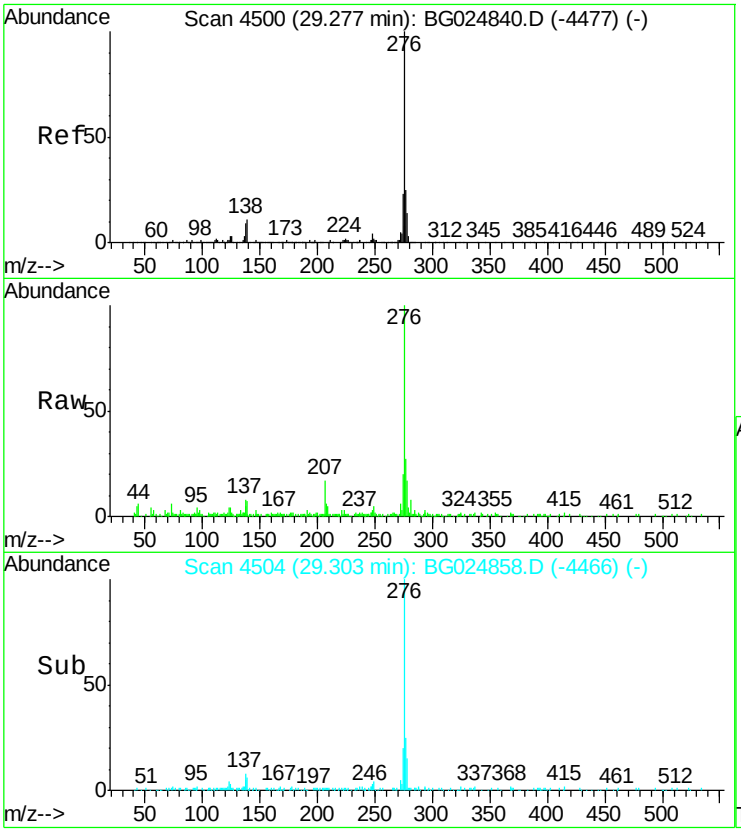


#88
Benzo(a)pyrene
Concen: 7.74 ng/ul
RT: 25.19 min Scan# 3804
Delta R.T. 0.01 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Tgt Ion:252 Resp: 416223

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	7.5	5.4	8.0



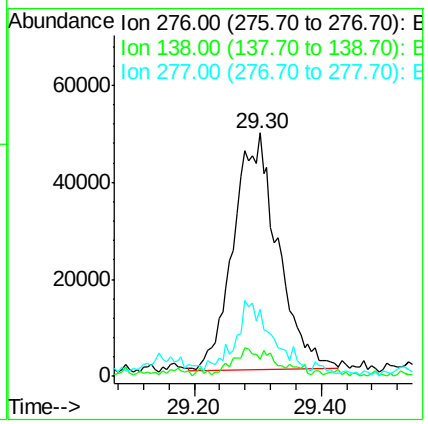


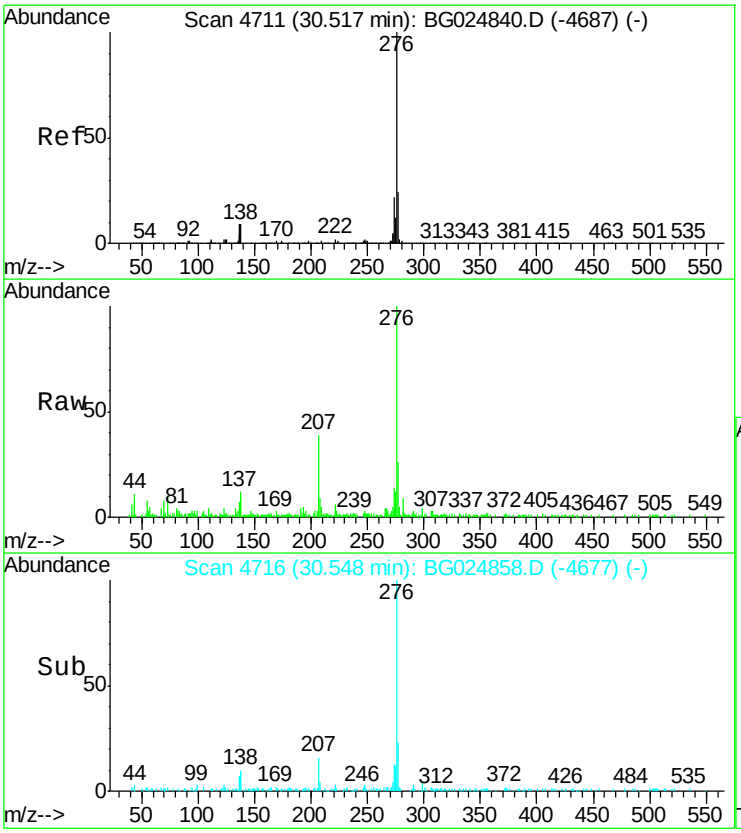
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.52 ng/ul
RT: 29.30 min Scan# 4504
Delta R.T. 0.03 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 236513

Ion	Ratio	Lower	Upper
276	100		
138	7.3	8.2	12.4#
277	27.3	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 3.15 ng/ul
RT: 30.55 min Scan# 4716
Delta R.T. 0.03 min
Lab File: BG024858.D
Acq: 21 Nov 2016 14:35

Tgt Ion:276 Resp: 174207

Ion	Ratio	Lower	Upper
276	100		
138	9.7	8.6	12.8
277	25.9	17.6	26.4