Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025115.D
Acq On : 12 Dec 2016 15:28
Operator : UM/SJ
Sample : H5860-15 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8E2

Quant Time: Dec 13 00:32:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	76095	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	370521	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	303736	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	634518	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	773006	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	788430	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1003	0.68	ng/uL	0.00
5) Phenol-d5	7.39	99	28471	4.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	20155	4.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	23008	5.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	27099	4.94	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	11589	4.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	12165	3.72	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	27115	4.31	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	15210	2.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	100803	4.82	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	109247	4.77	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	10000	2.79	ng/ul	0.02
57) Fluorene-d10	15.85	176	93702	4.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	11085	2.83	ng/ul	0.01
70) Anthracene-d10	17.70	188	137113	5.12	ng/ul	0.00
76) Pyrene-d10	19.98	212	171177	5.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	167910	5.26	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.30	163	24010	1.17	ng/ul#	95
49) Acenaphthene	14.93	153	26640	1.75	ng/ul	87
53) Dibenzofuran	15.26	168	24185	1.00	ng/ul	92
58) Fluorene	15.90	166	32479	1.65	ng/ul	90
69) Phenanthrene	17.65	178	1179341	38.94	ng/ul	100
71) Anthracene	17.74	178	68791	2.21	ng/ul	99
72) Carbazole	18.01	167	155870	6.00	ng/ul	95
74) Fluoranthene	19.65	202	2391747	66.46	ng/ul	99
77) Pyrene	20.01	202	1989879	53.55	ng/ul	98
80) Benzo(a)anthracene	21.88	228	725476	18.06	ng/ul	97
82) Chrysene	21.95	228	1126215	29.98	ng/ul	97
85) Benzo(b)fluoranthene	24.23	252	1303062	33.33	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	438791	11.81	ng/ul	98
88) Benzo(a)pyrene	25.16	252	721826	19.20	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.26	276	649927	13.91	ng/ul	99
90) Dibenzo(a,h)anthracene	29.30	278	132008	3.35	ng/ul#	84
91) Benzo(g,h,i)perylene	30.49	276	526416	13.50	ng/ul	98

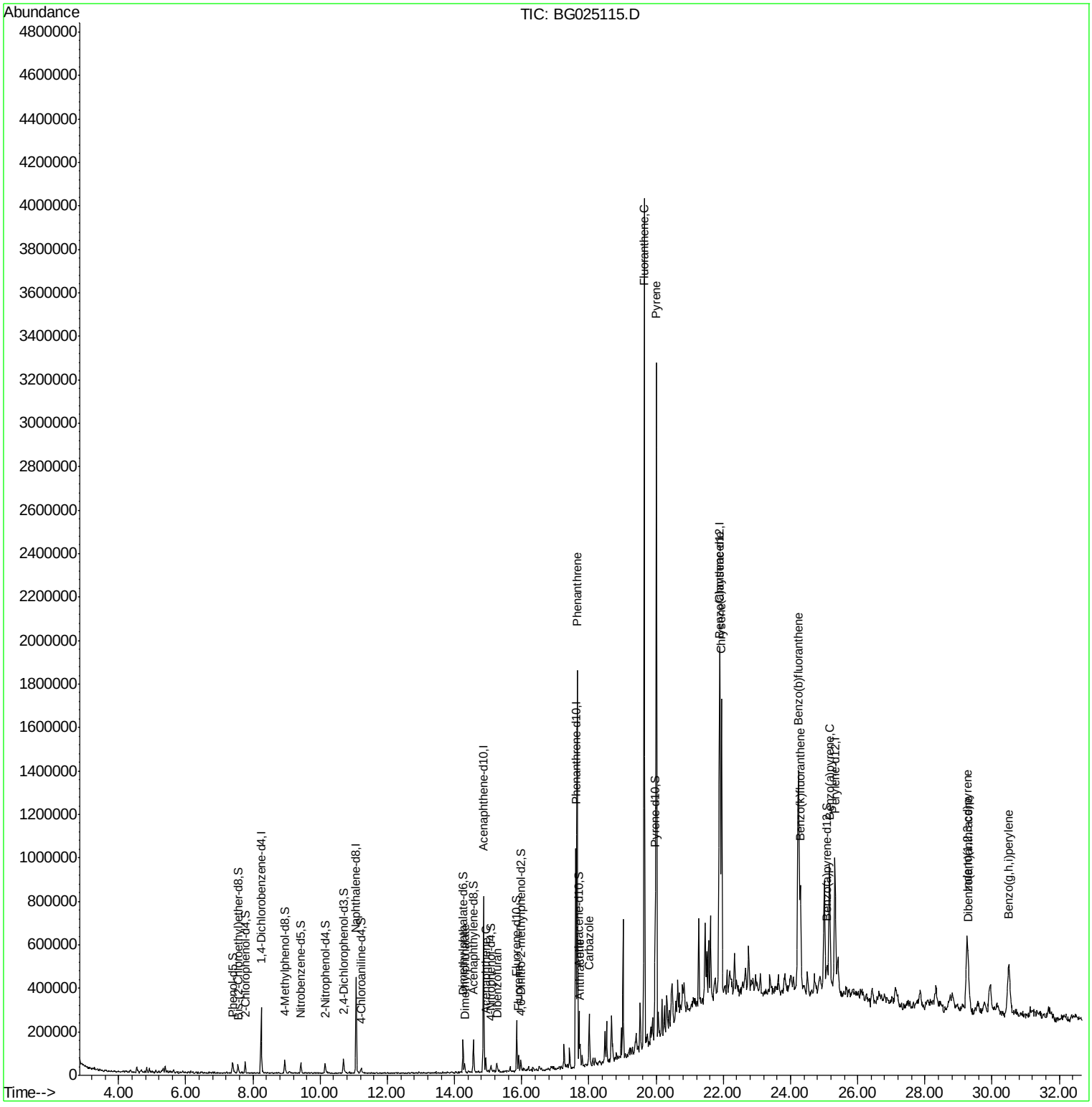
(#) = qualifier out of range (m) = manual integration (+) = signals summed

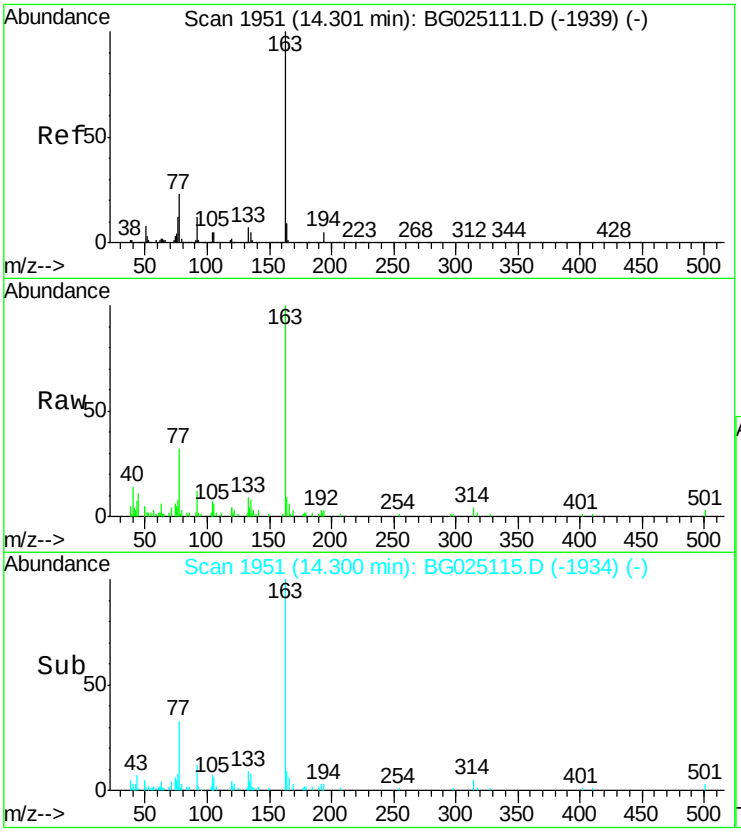
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025115.D
Acq On : 12 Dec 2016 15:28
Operator : UM/SJ
Sample : H5860-15 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8E2

Quant Time: Dec 13 00:32:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration



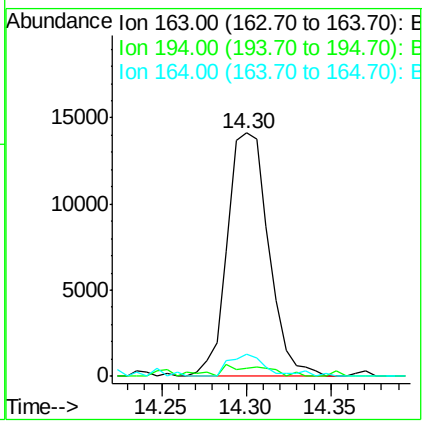


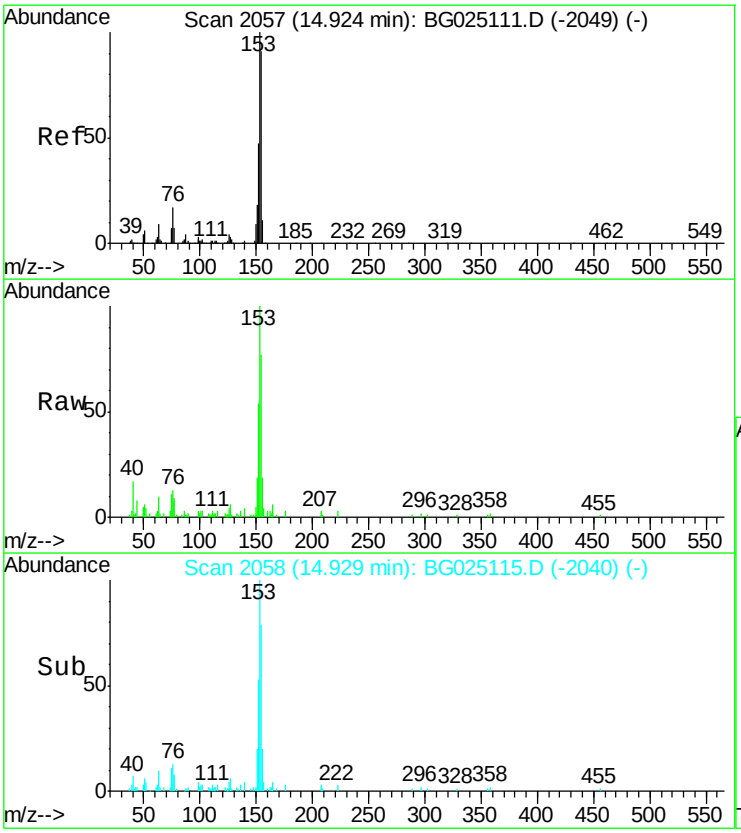
#44
Dimethylphthalate
Concen: 1.17 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:163 Resp: 24010

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.4	5.0#
164	9.0	9.0	13.4#

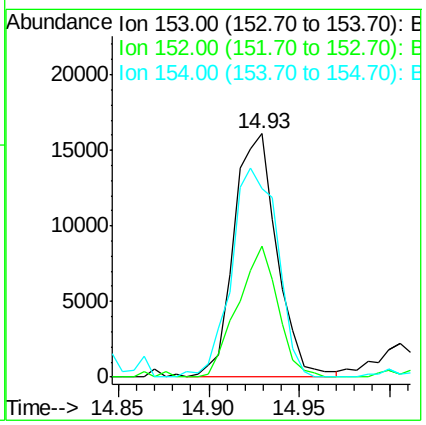


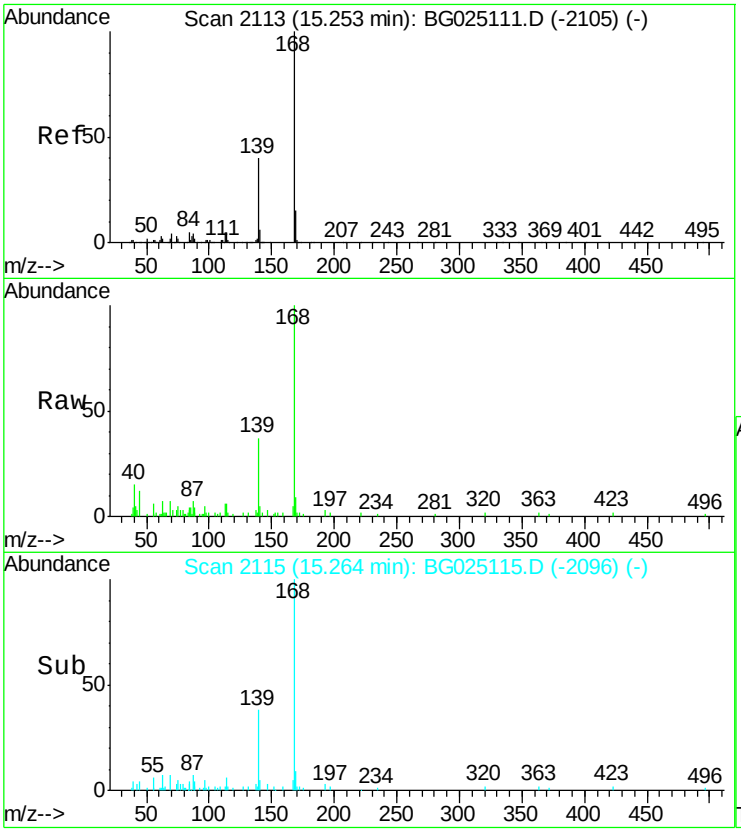


#49
Acenaphthene
Concen: 1.75 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Tgt Ion:153 Resp: 26640

Ion	Ratio	Lower	Upper
153	100		
152	53.9	36.5	54.7
154	77.2	72.3	108.5



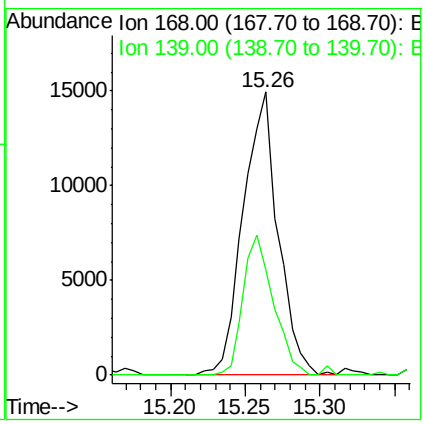


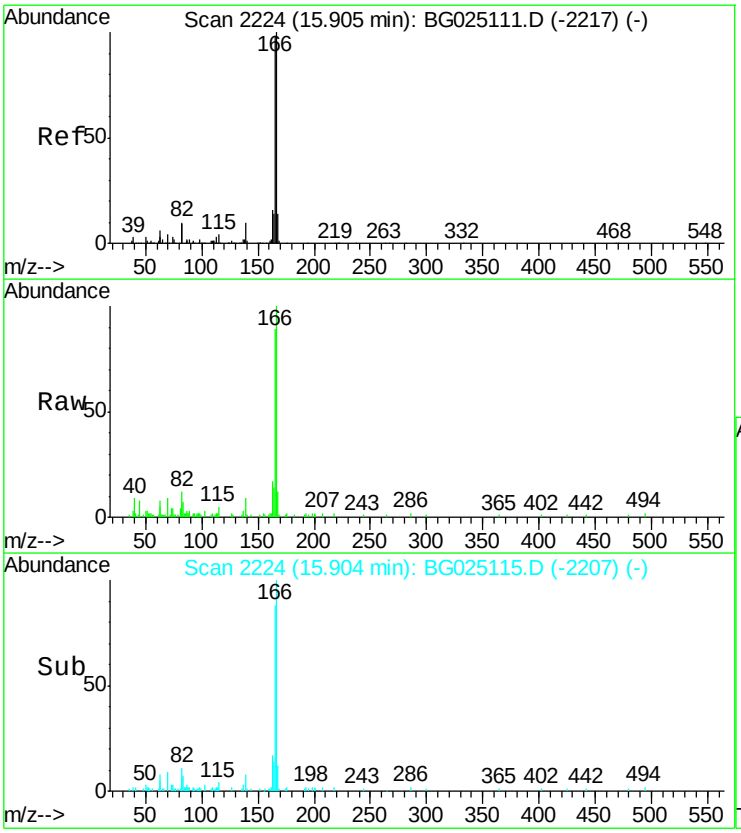
#53
Dibenzofuran
Concen: 1.00 ng/ul
RT: 15.26 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:168 Resp: 24185

Ion	Ratio	Lower	Upper
168	100		
139	37.3	33.8	50.8

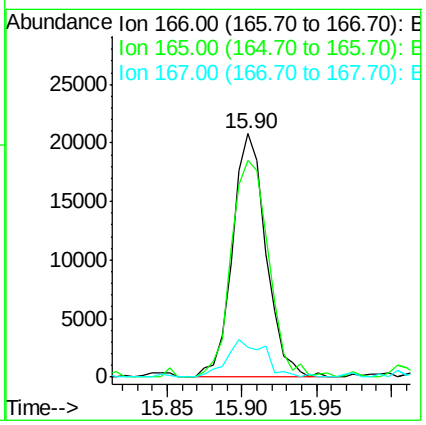


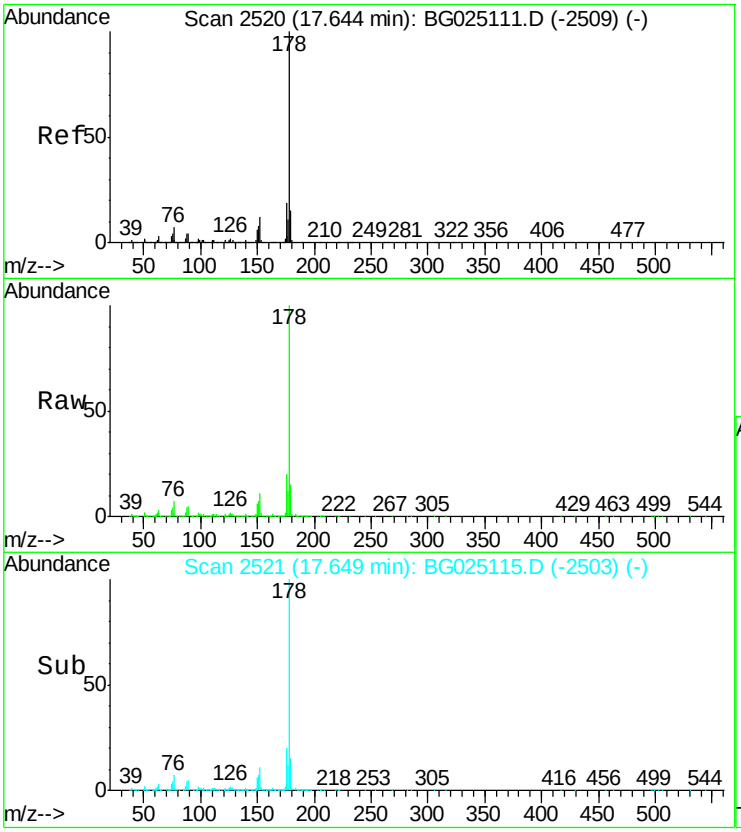


#58
Fluorene
Concen: 1.65 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Tgt Ion:166 Resp: 32479

Ion	Ratio	Lower	Upper
166	100		
165	89.1	79.7	119.5
167	12.4	11.4	17.2



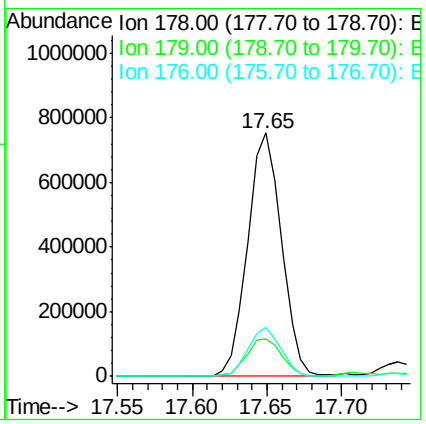


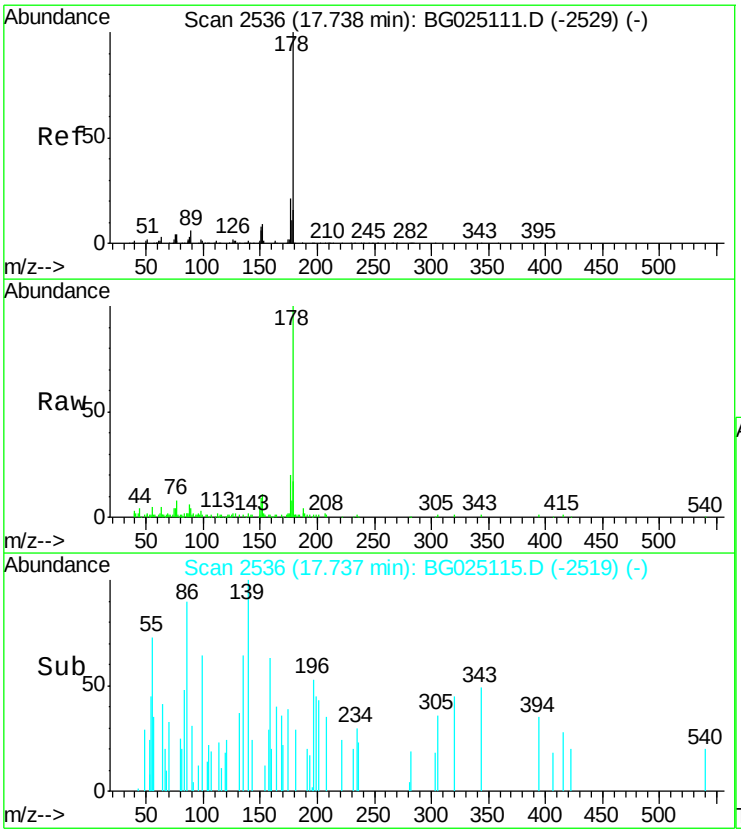
#69
Phenanthrene
Concen: 38.94 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:178 Resp: 1179341

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	20.4	16.5	24.7

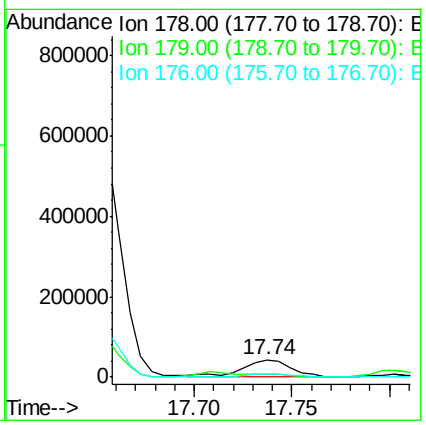


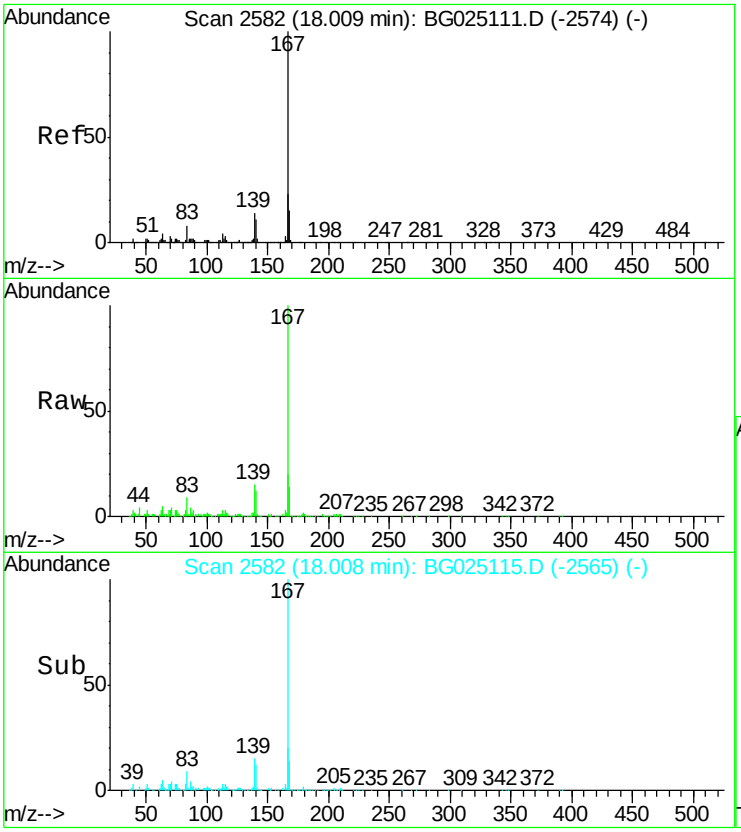


#71
Anthracene
Concen: 2.21 ng/ul
RT: 17.74 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Tgt Ion:178 Resp: 68791

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	19.0
176	20.2	15.9	23.9



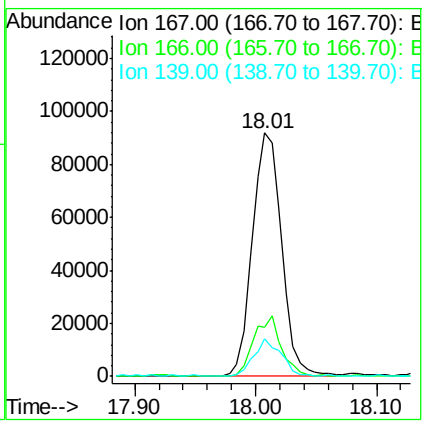


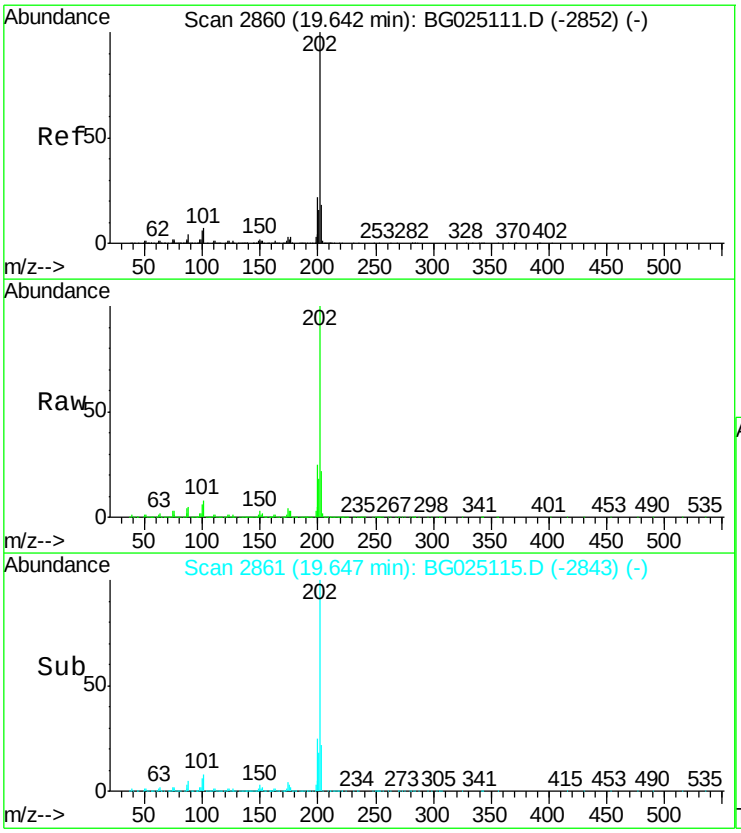
#72
Carbazole
Concen: 6.00 ng/ul
RT: 18.01 min Scan# 2582
Delta R.T. -0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:167 Resp: 155870

Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.9	26.9
139	15.3	10.5	15.7

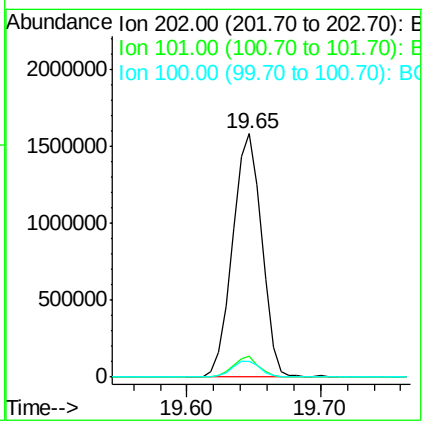


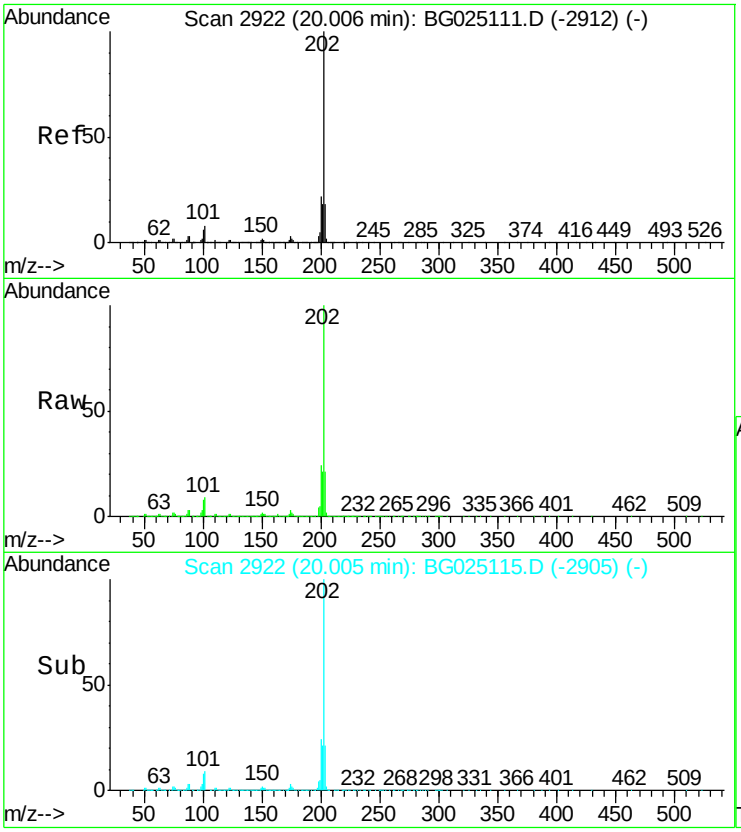


#74
Fluoranthene
Concen: 66.46 ng/ul
RT: 19.65 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Tgt Ion:202 Resp: 2391747

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.2	9.2
100	6.4	5.2	7.8



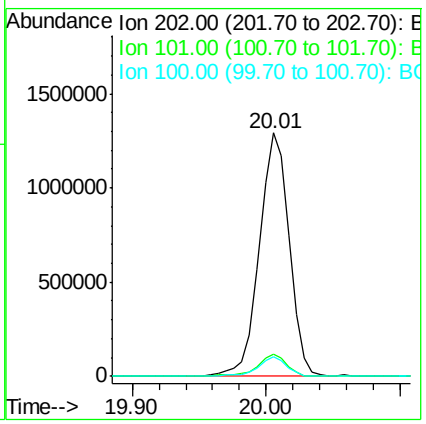


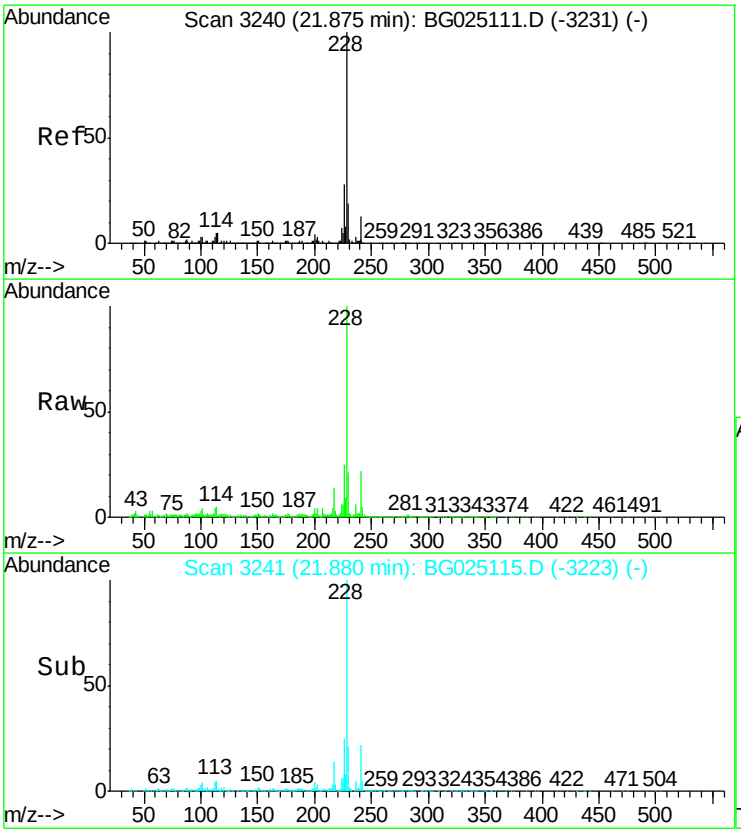
#77
Pyrene
Concen: 53.55 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:202 Resp: 1989879

Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.9	10.3
100	7.8	6.6	10.0

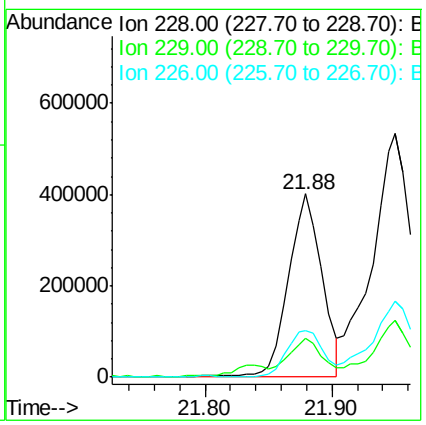


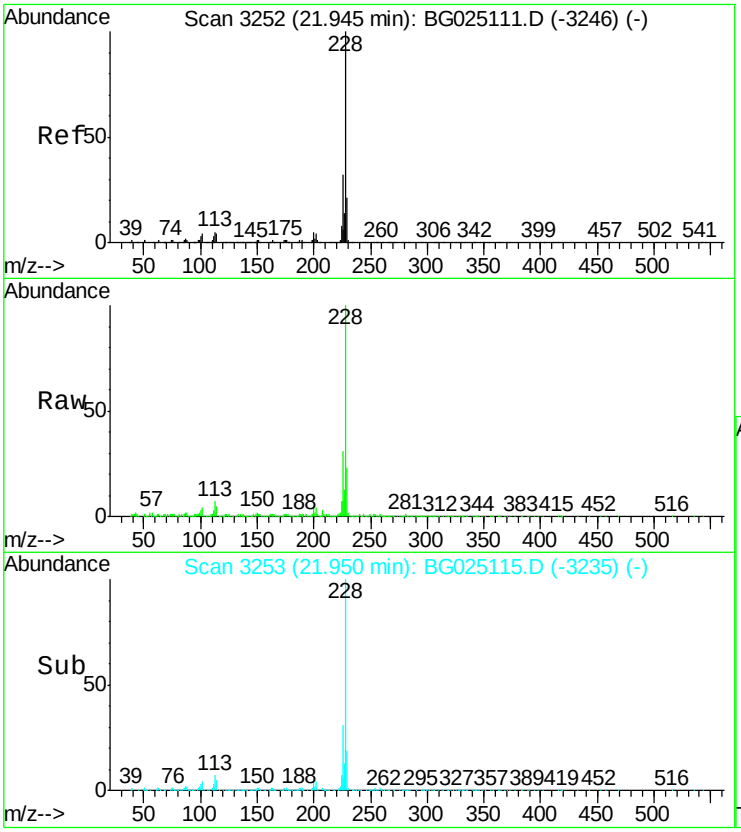


#80
Benzo(a)anthracene
Concen: 18.06 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Tgt Ion:228 Resp: 725476

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.3	24.5
226	25.4	21.9	32.9



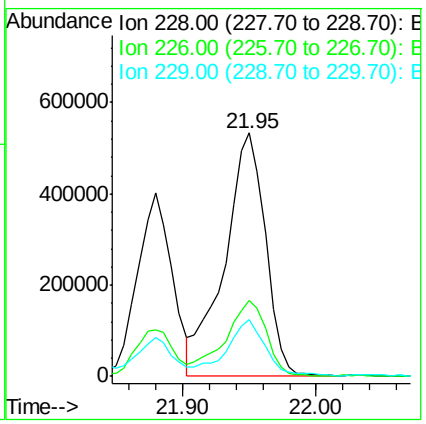


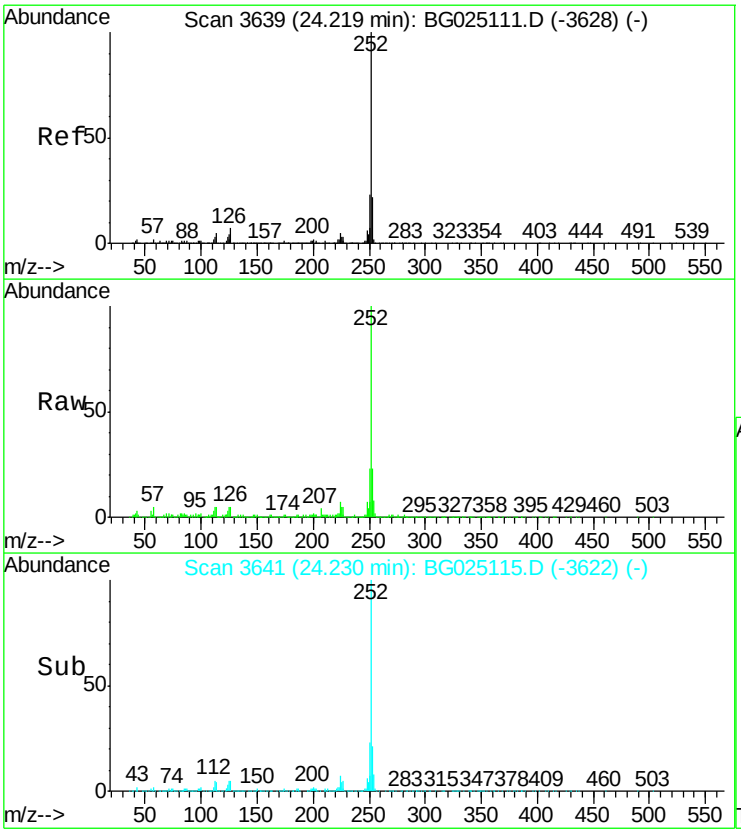
#82
Chrysene
Concen: 29.98 ng/ul
RT: 21.95 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:228 Resp: 1126215

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	23.3	16.9	25.3

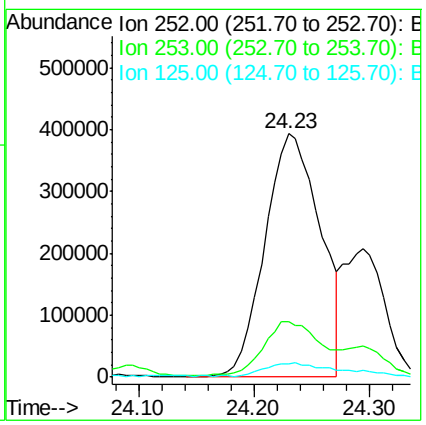


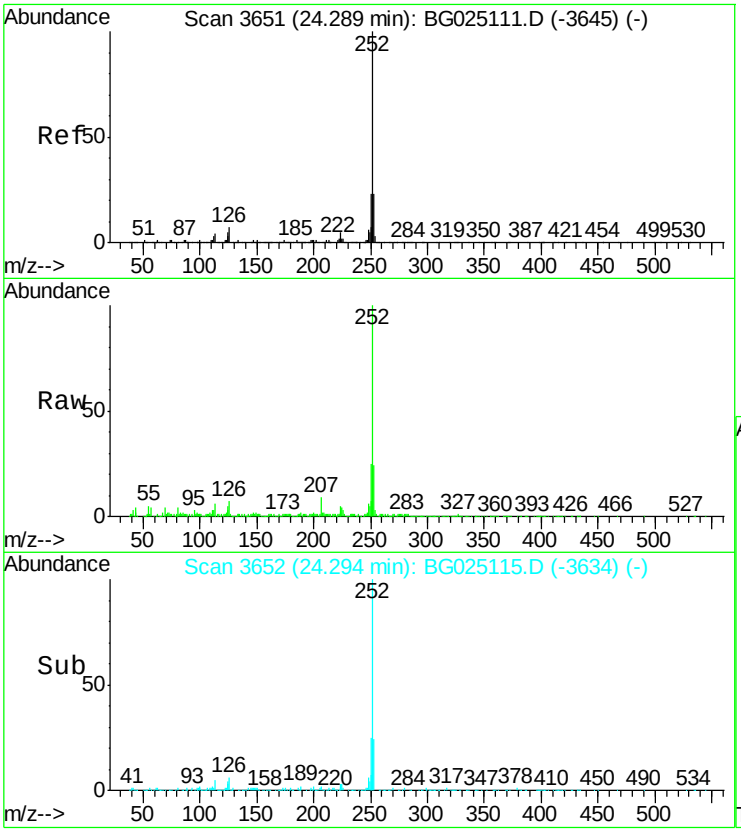


#85
Benzo(b)fluoranthene
Concen: 33.33 ng/ul
RT: 24.23 min Scan# 3641
Delta R.T. 0.01 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Tgt Ion:252 Resp: 1303062

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	5.4	4.0	6.0



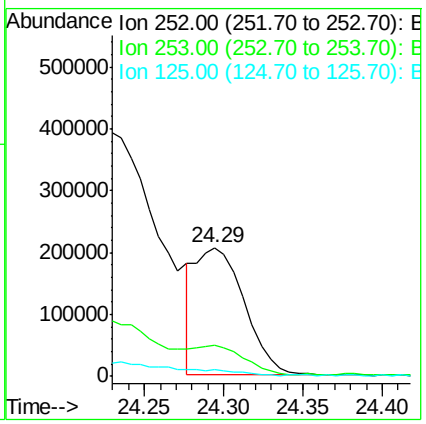


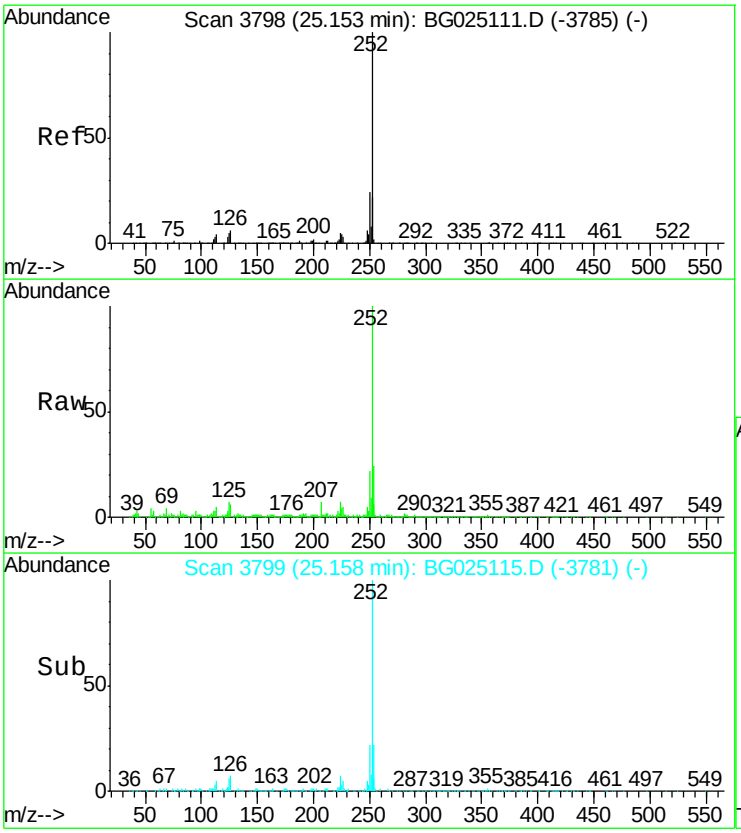
#86
Benzo(k)fluoranthene
Concen: 11.81 ng/ul
RT: 24.29 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:252 Resp: 438791

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	5.1	4.1	6.1

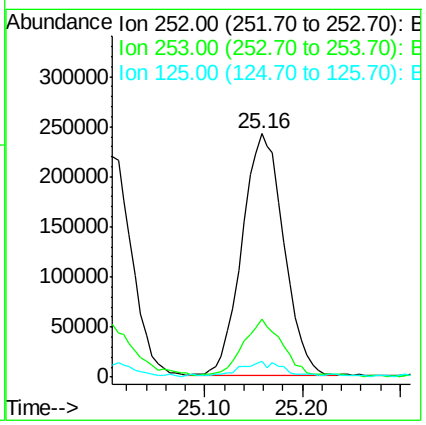


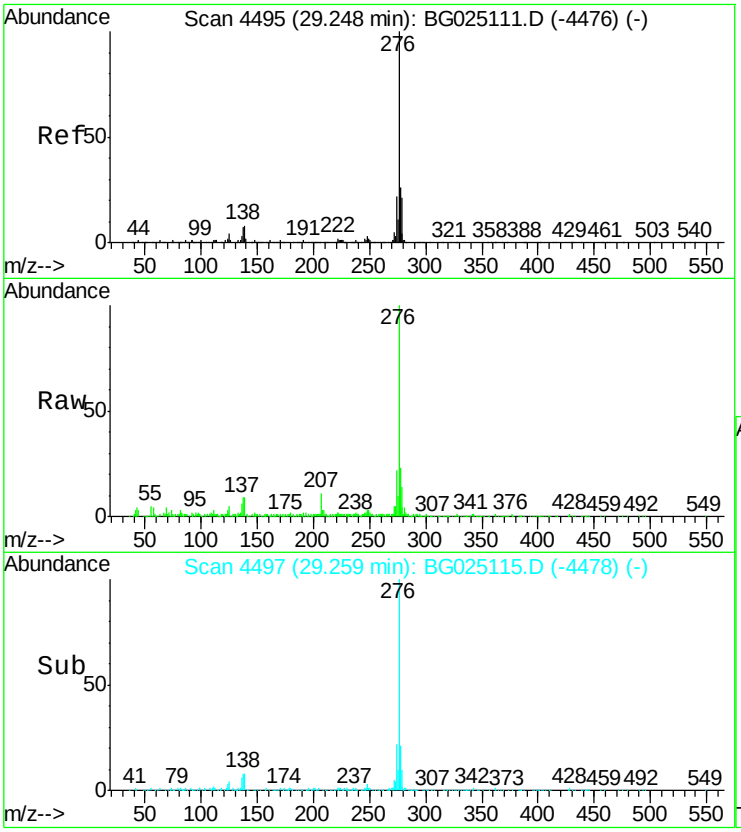


#88
Benzo(a)pyrene
Concen: 19.20 ng/ul
RT: 25.16 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Tgt Ion:252 Resp: 721826

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	6.7	5.4	8.0



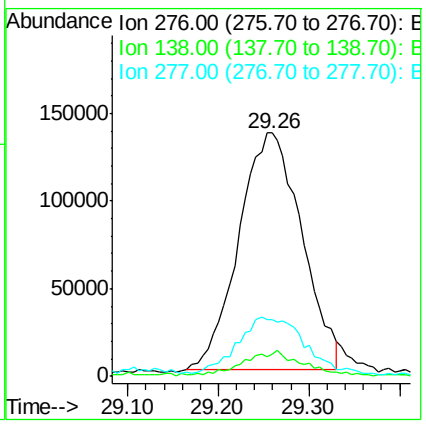


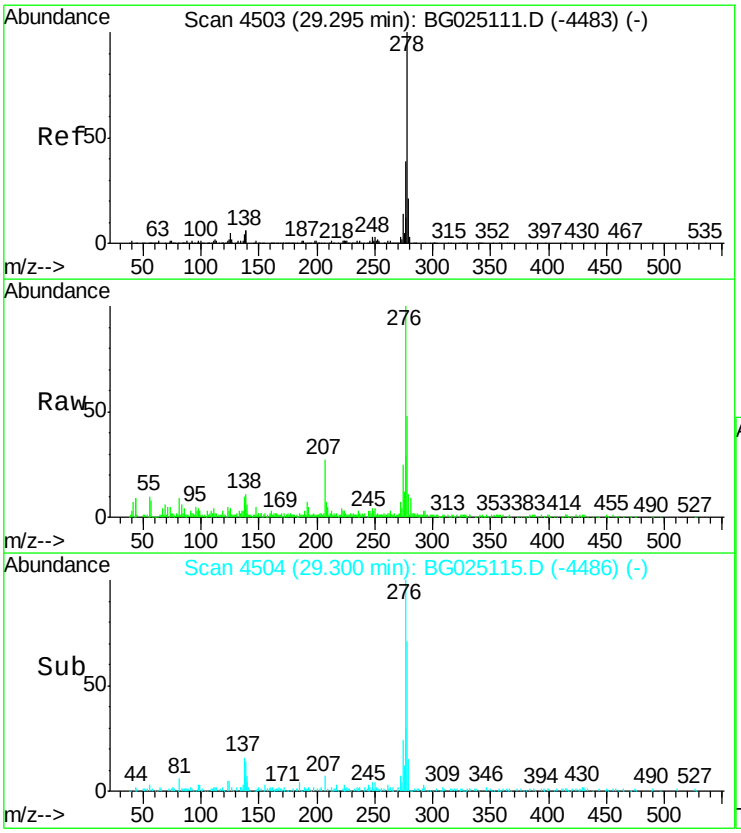
#89
Indeno(1,2,3-cd)pyrene
Concen: 13.91 ng/ul
RT: 29.26 min Scan# 4497
Delta R.T. 0.01 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:276 Resp: 649927

Ion	Ratio	Lower	Upper
276	100		
138	9.3	8.2	12.4
277	23.4	18.6	28.0

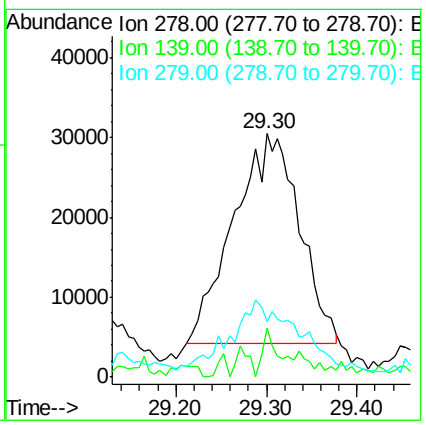


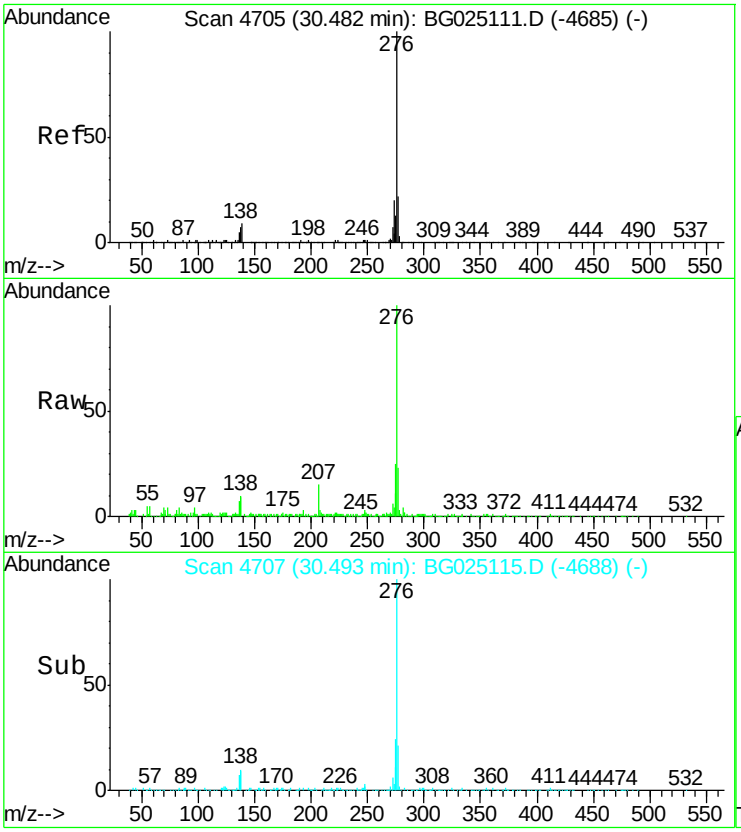


#90
Dibenzo(a,h)anthracene
Concen: 3.35 ng/ul
RT: 29.30 min Scan# 4504
Delta R.T. 0.00 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Tgt Ion:278 Resp: 132008

Ion	Ratio	Lower	Upper
278	100		
139	24.9	6.7	10.1#
279	23.0	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 13.50 ng/ul
RT: 30.49 min Scan# 4707
Delta R.T. 0.01 min
Lab File: BG025115.D
Acq: 12 Dec 2016 15:28

Instrument :
BNA_G
ClientSampleId :
DA8E2

Tgt Ion:276 Resp: 526416

Ion	Ratio	Lower	Upper
276	100		
138	9.9	8.6	12.8
277	22.6	17.6	26.4