Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-SS026-1218-03

Quant Time: Dec 14 05:39:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	95168	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	435455	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	348427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	679235	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	766147	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	790378	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	2979	1.62	ng/uL	0.00
5) Phenol-d5	7.39	99	71666	8.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	60342	11.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	57100	9.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	22720	3.31	ng/ul	0.02
19) Nitrobenzene-d5	9.42	128	33863	10.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	36474	9.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	67386	9.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	8874	1.22	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	256018	10.68	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	324447	12.36	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	6139	1.49	ng/ul	0.02
57) Fluorene-d10	15.85	176	261468	11.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	2829	0.67	ng/ul	0.02
70) Anthracene-d10	17.70	188	363297	12.67	ng/ul	0.00
76) Pyrene-d10	19.98	212	428763	13.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	429299	13.41	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	13694	1.62	ng/ul#	92
28) Naphthalene	11.12	128	33176	1.64	ng/ul	96
44) Dimethylphthalate	14.30	163	49680	2.11	ng/ul	96
49) Acenaphthene	14.92	153	81221	4.65	ng/ul	98
53) Dibenzofuran	15.26	168	66686	2.41	ng/ul	98
58) Fluorene	15.91	166	97552	4.33	ng/ul#	95
69) Phenanthrene	17.65	178	1605045	49.51	ng/ul	98
71) Anthracene	17.74	178	366465	11.00	ng/ul	98
72) Carbazole	18.01	167	174798	6.29	ng/ul	96
74) Fluoranthene	19.65	202	2892499	75.09	ng/ul#	96
77) Pyrene	20.01	202	2485491	67.49	ng/ul	97
80) Benzo(a)anthracene	21.88	228	1706682	42.88	ng/ul	98
82) Chrysene	21.96	228	1502755	40.36	ng/ul	97
85) Benzo(b)fluoranthene	24.24	252	2068580	52.78	ng/ul#	97
86) Benzo(k)fluoranthene	24.24	252	763363	20.49	ng/ul#	99
88) Benzo(a)pyrene	25.18	252	1453275	38.57	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.27	276	967865	20.67	ng/ul	98
90) Dibenzo(a,h)anthracene	29.30	278	105759	2.68	ng/ul	96
91) Benzo(g,h,i)perylene	30.53	276	807231	20.65	ng/ul	94

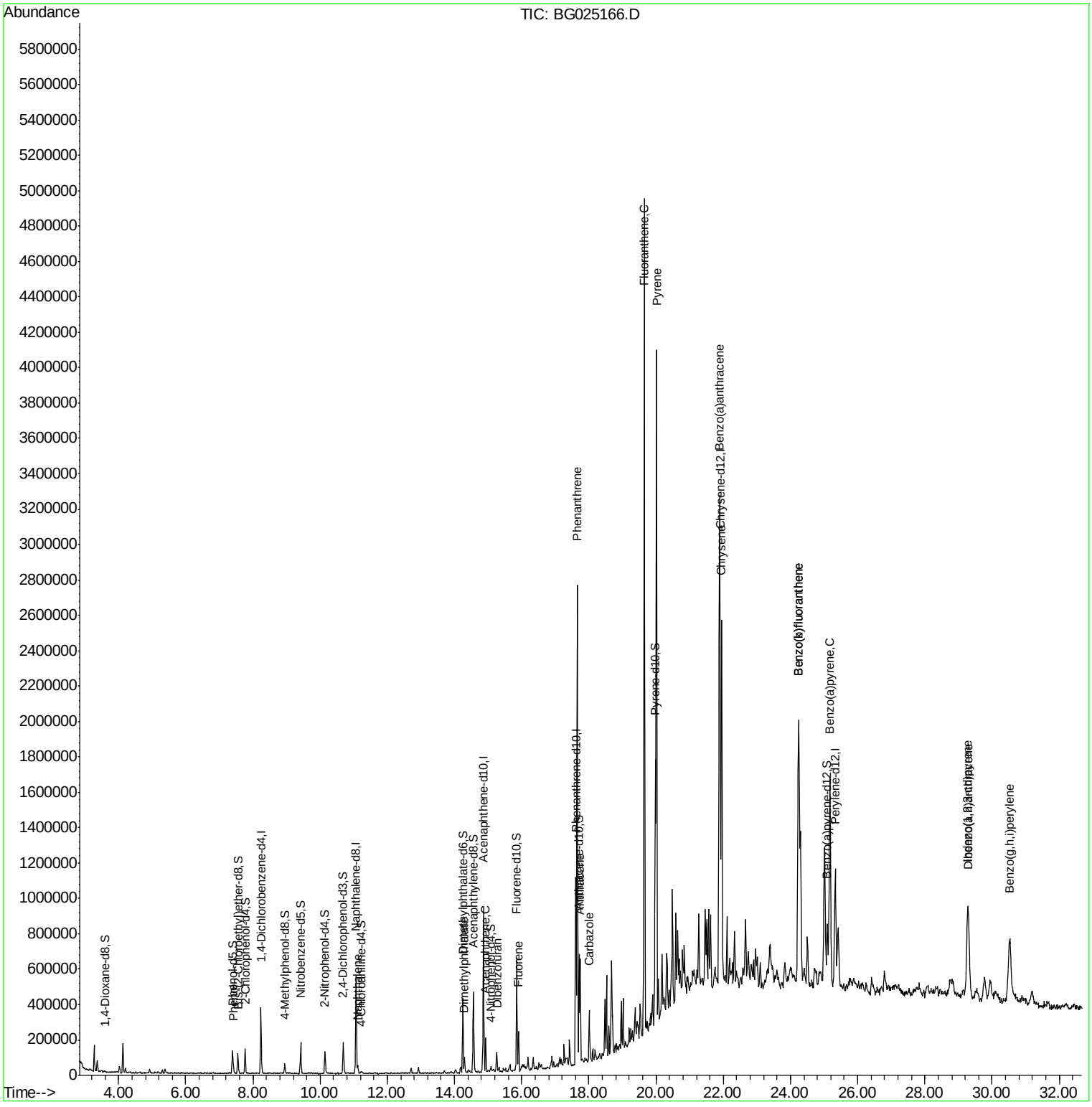
(#) = qualifier out of range (m) = manual integration (+) = signals summed

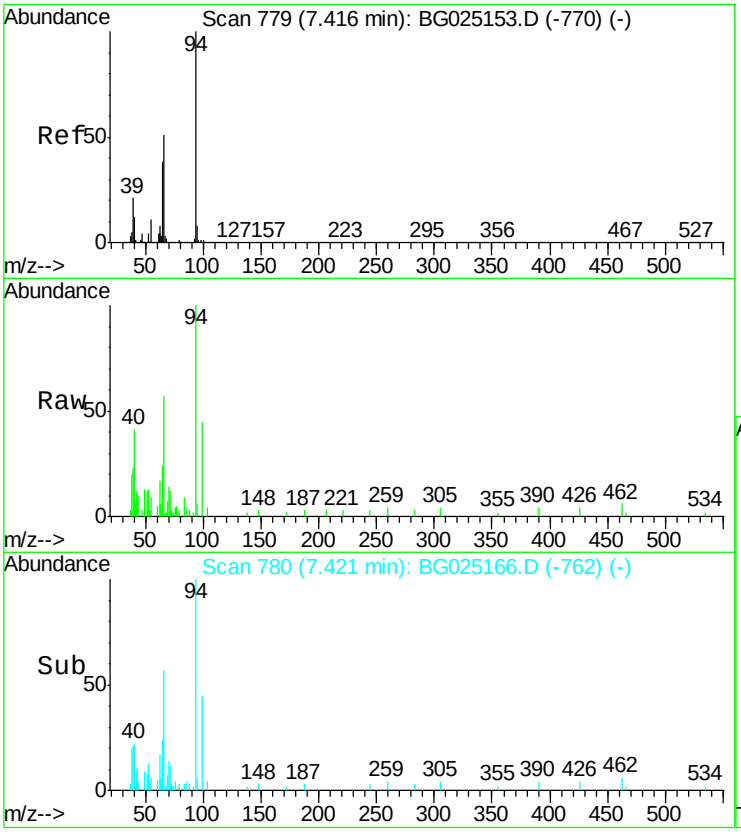
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Quant Time: Dec 14 05:39:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration



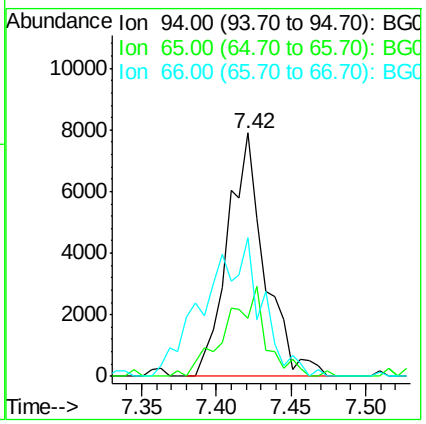


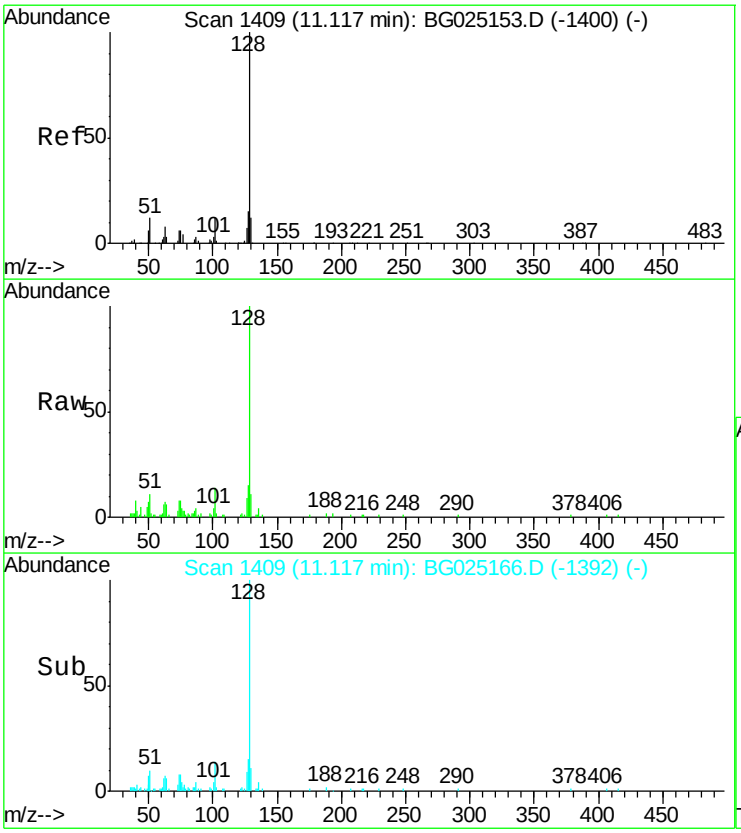
#6
Phenol
Concen: 1.62 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion: 94 Resp: 13694

Ion	Ratio	Lower	Upper
94	100		
65	24.1	26.8	40.2#
66	57.0	44.4	66.6

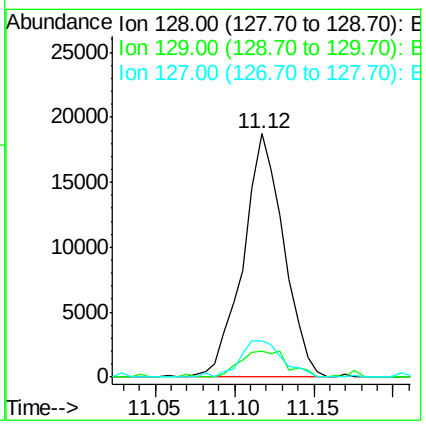


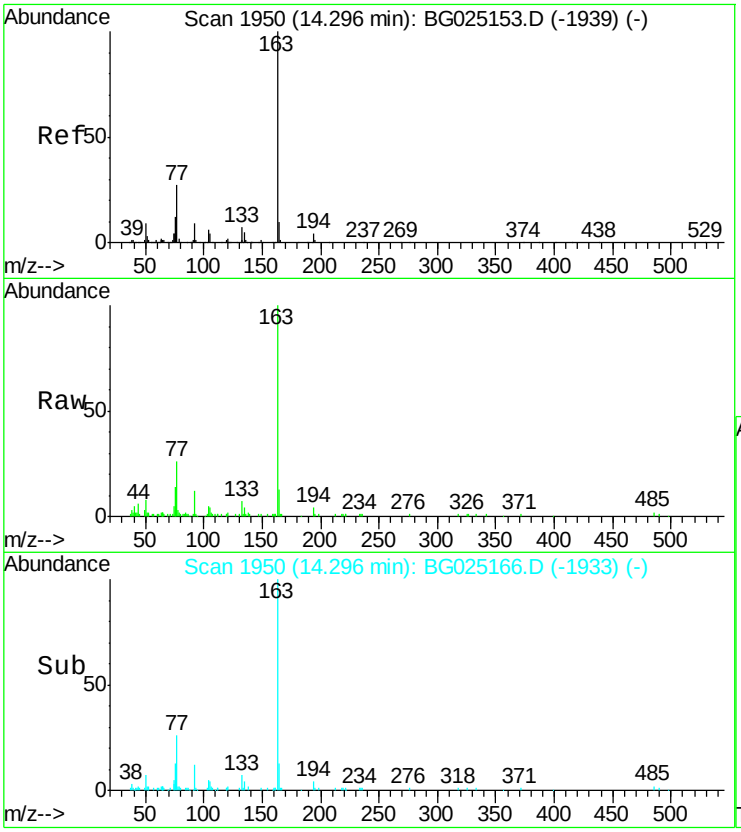


#28
Naphthalene
Concen: 1.64 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:128 Resp: 33176

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.2
127	15.0	10.3	15.5



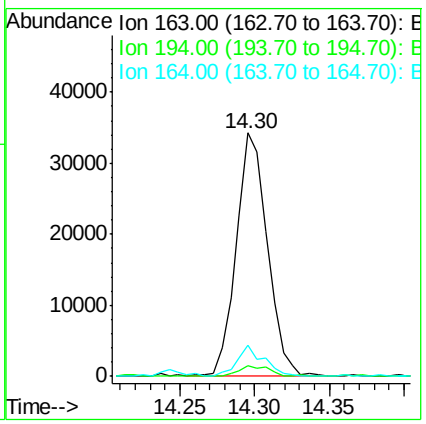


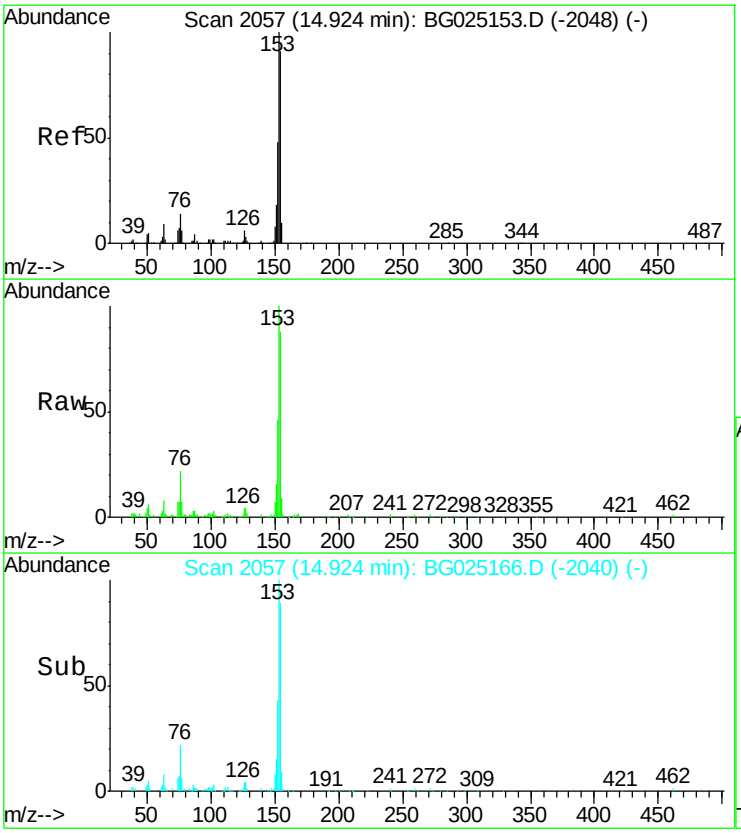
#44
Dimethylphthalate
Concen: 2.11 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:163 Resp: 49680

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	13.0	9.0	13.4

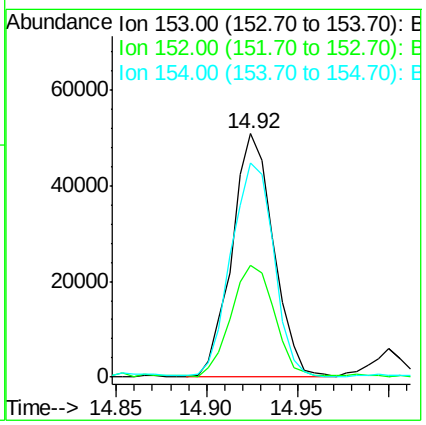


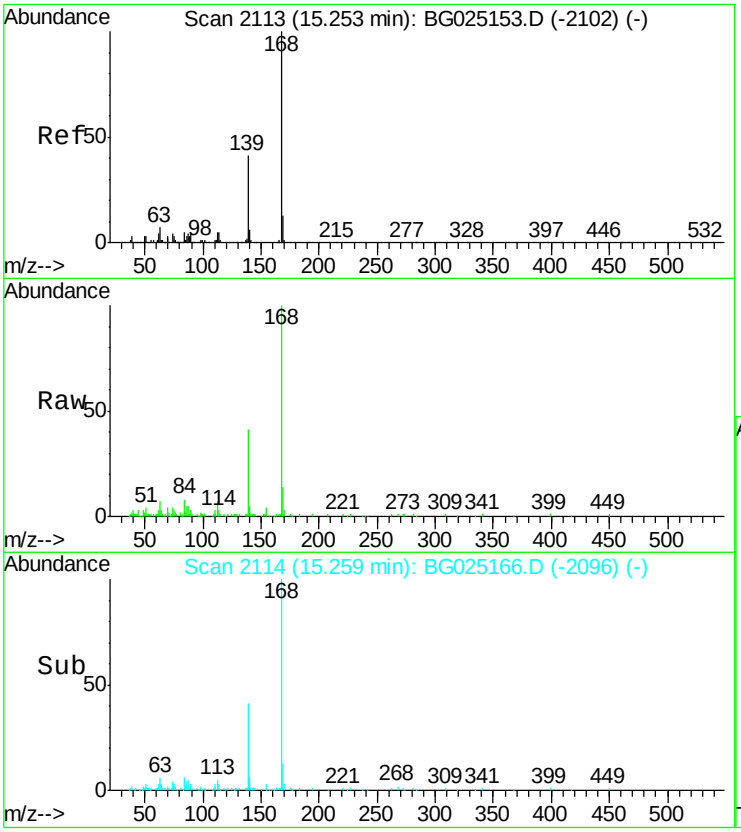


#49
Acenaphthene
Concen: 4.65 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:153 Resp: 81221

Ion	Ratio	Lower	Upper
153	100		
152	45.9	36.5	54.7
154	88.1	72.3	108.5



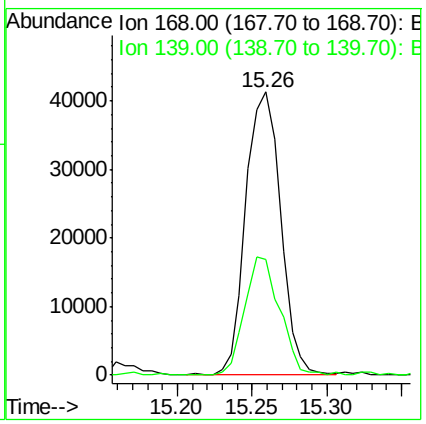


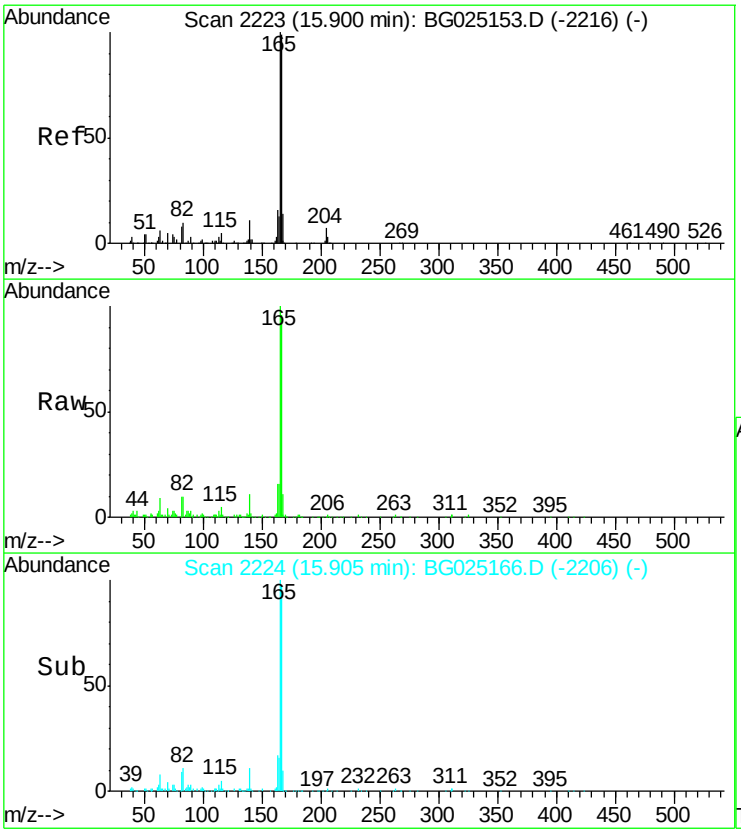
#53
Dibenzofuran
Concen: 2.41 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:168 Resp: 66686

Ion	Ratio	Lower	Upper
168	100		
139	40.9	33.8	50.8

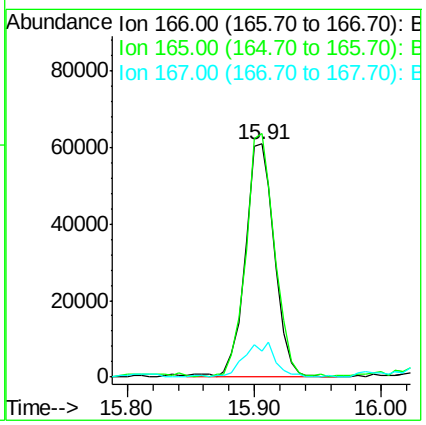


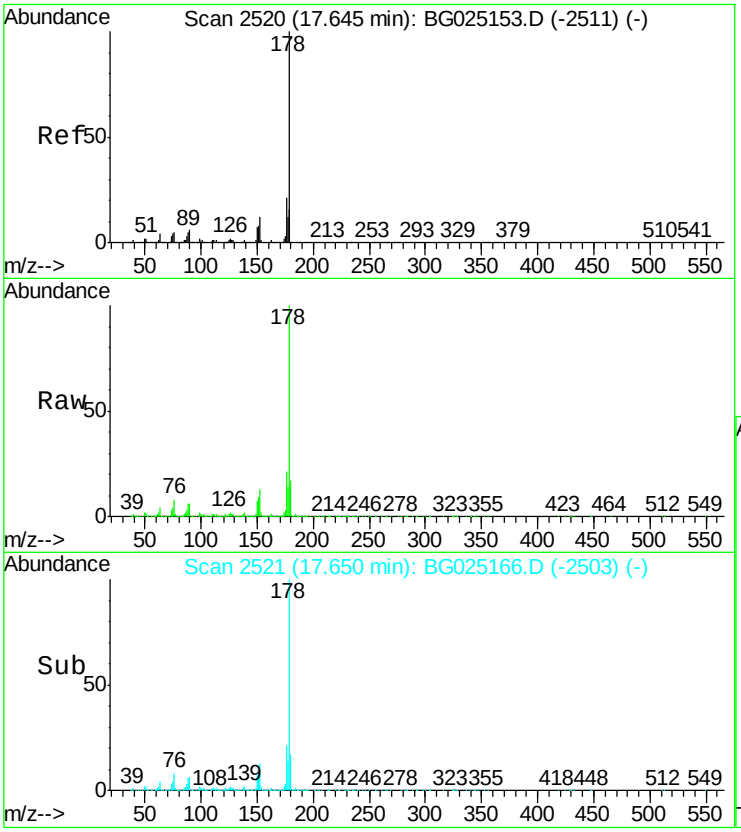


#58
Fluorene
Concen: 4.33 ng/ul
RT: 15.91 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:166 Resp: 97552

Ion	Ratio	Lower	Upper
166	100		
165	104.5	79.7	119.5
167	11.3	11.4	17.2#



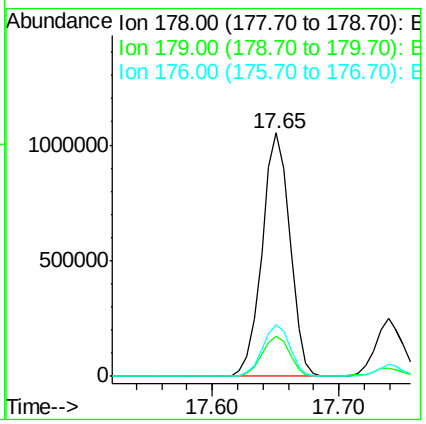


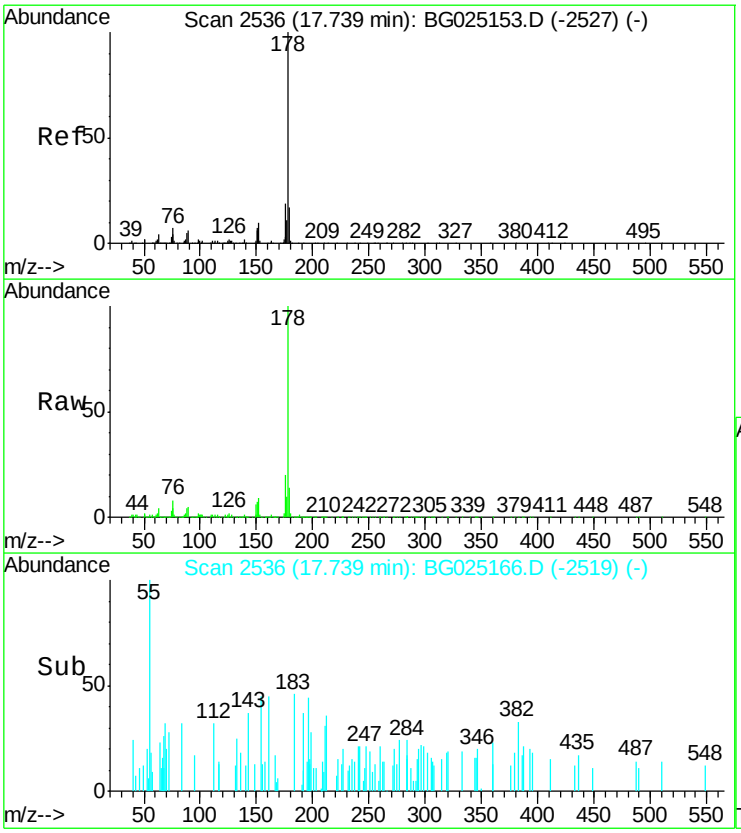
#69
Phenanthrene
Concen: 49.51 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:178 Resp: 1605045

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	21.2	16.5	24.7

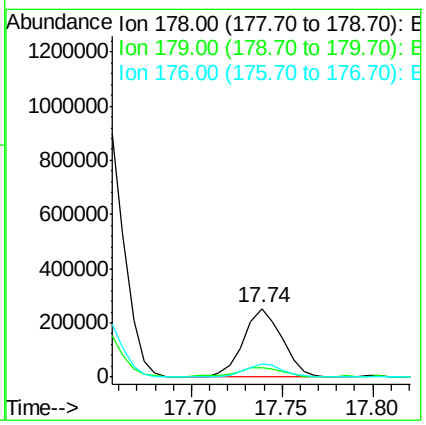


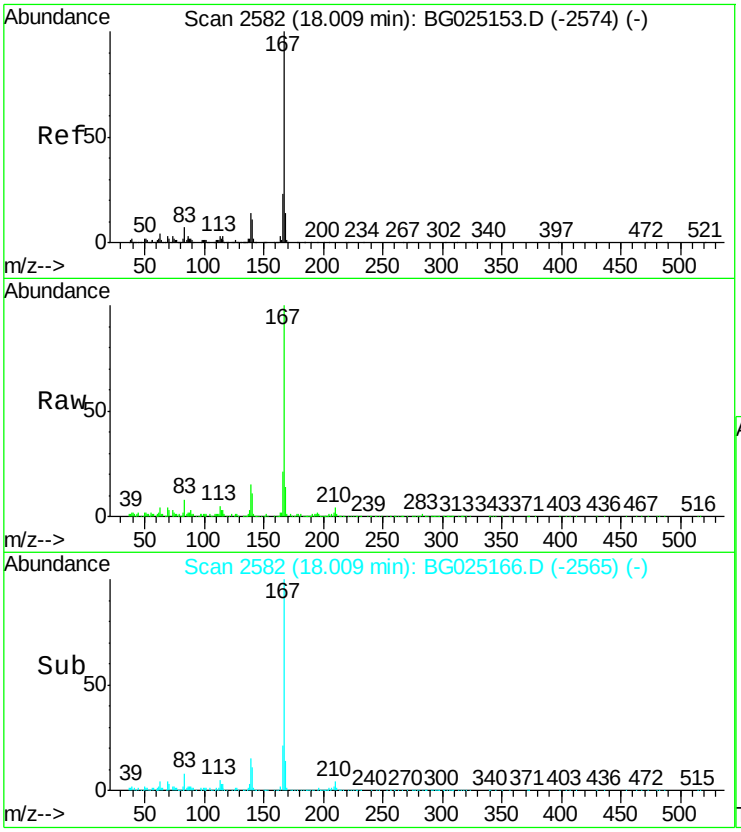


#71
Anthracene
Concen: 11.00 ng/ul
RT: 17.74 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:178 Resp: 366465

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	19.0
176	19.6	15.9	23.9



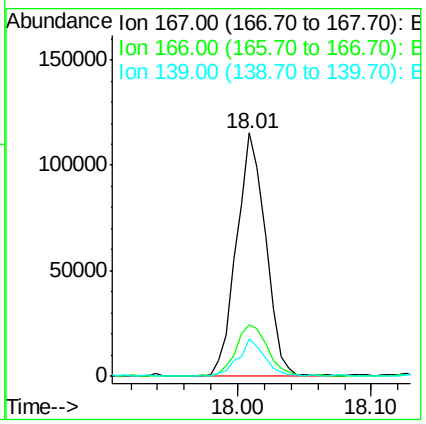


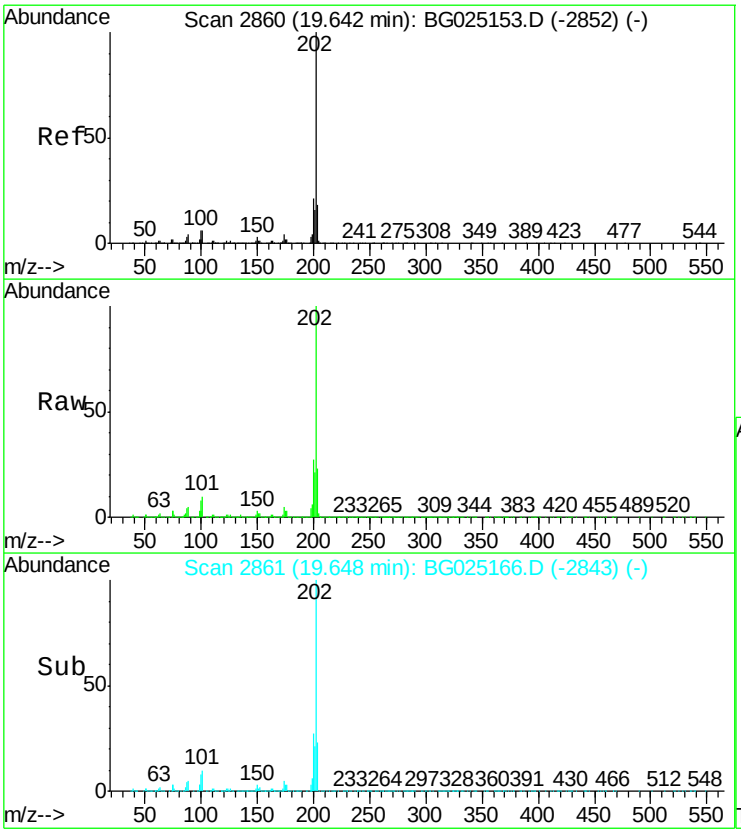
#72
Carbazole
Concen: 6.29 ng/ul
RT: 18.01 min Scan# 2582
Delta R.T. -0.00 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:167 Resp: 174798

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.9	26.9
139	15.2	10.5	15.7

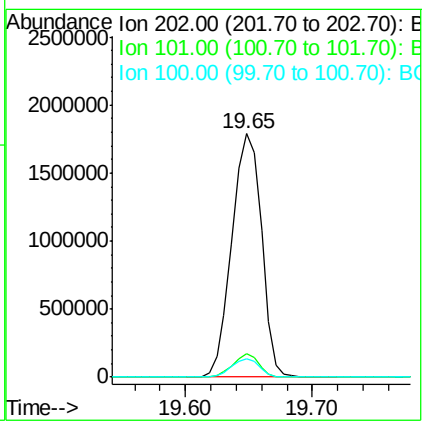


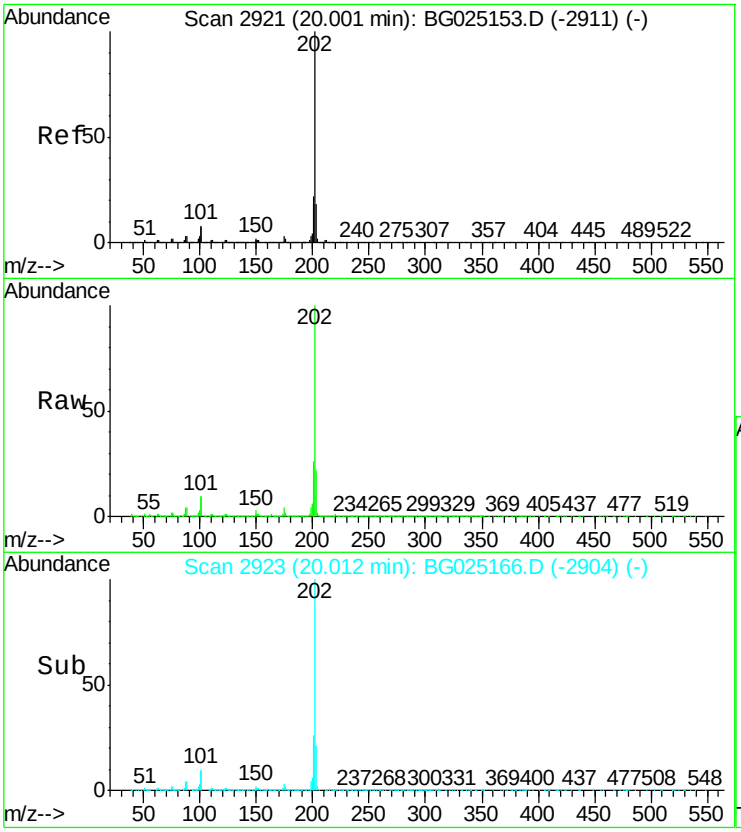


#74
Fluoranthene
Concen: 75.09 ng/ul
RT: 19.65 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:202 Resp: 2892499

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.2	9.2#
100	7.6	5.2	7.8



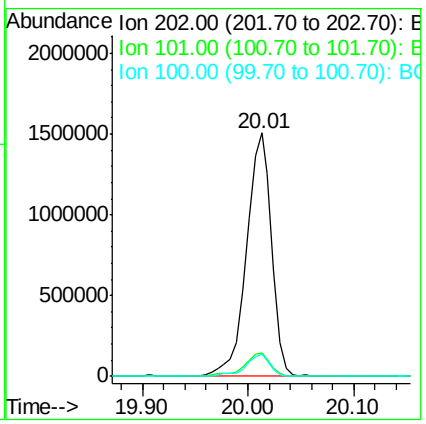


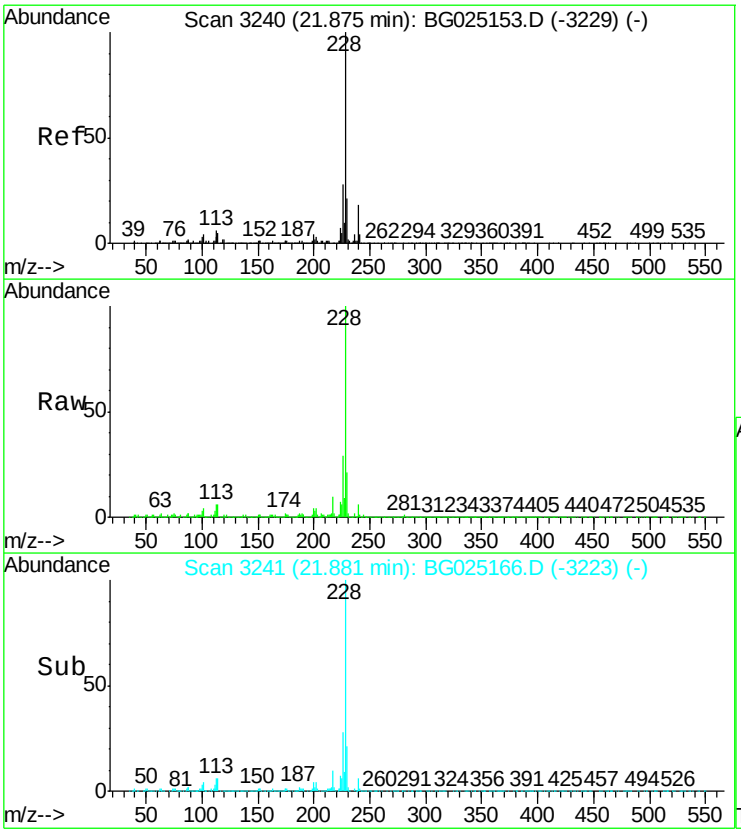
#77
Pyrene
Concen: 67.49 ng/ul
RT: 20.01 min Scan# 2923
Delta R.T. 0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:202 Resp: 2485491

Ion	Ratio	Lower	Upper
202	100		
101	9.8	6.9	10.3
100	8.9	6.6	10.0

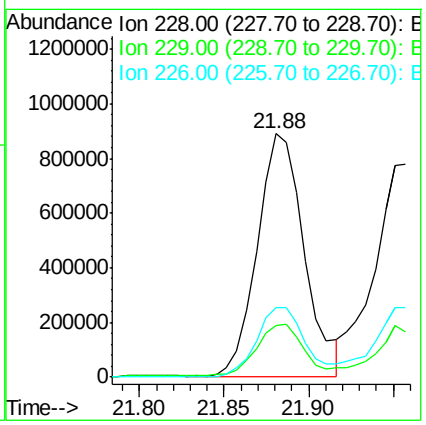


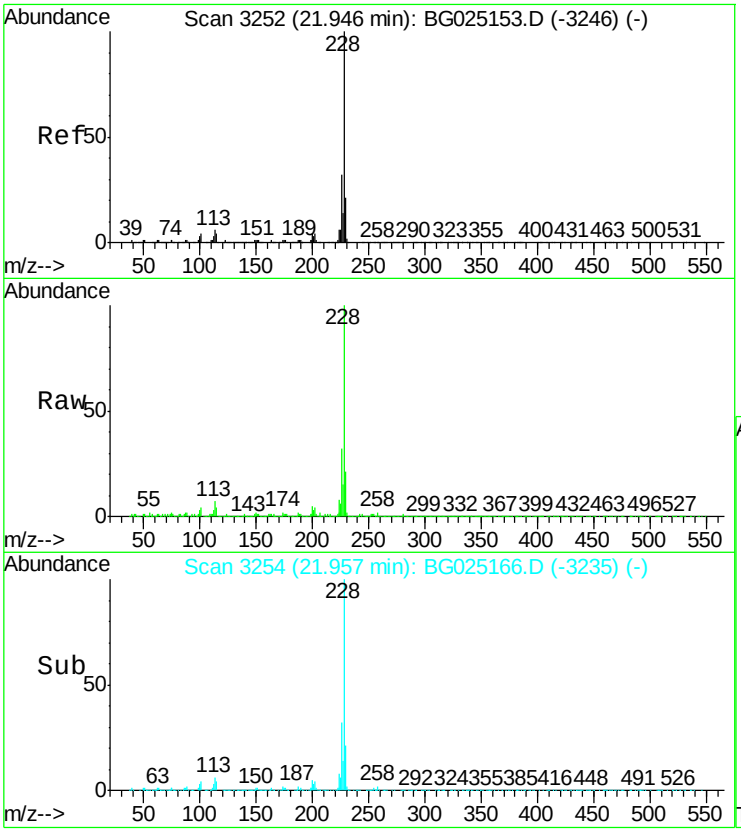


#80
Benzo(a)anthracene
Concen: 42.88 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:228 Resp: 1706682

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.3	24.5
226	28.6	21.9	32.9



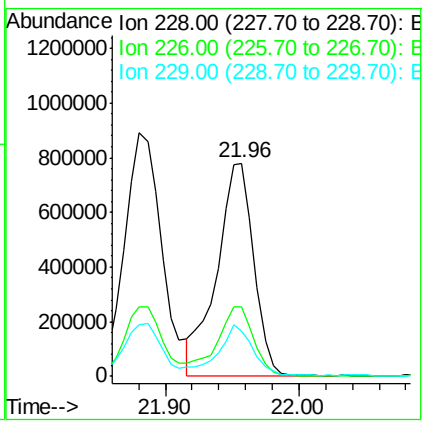


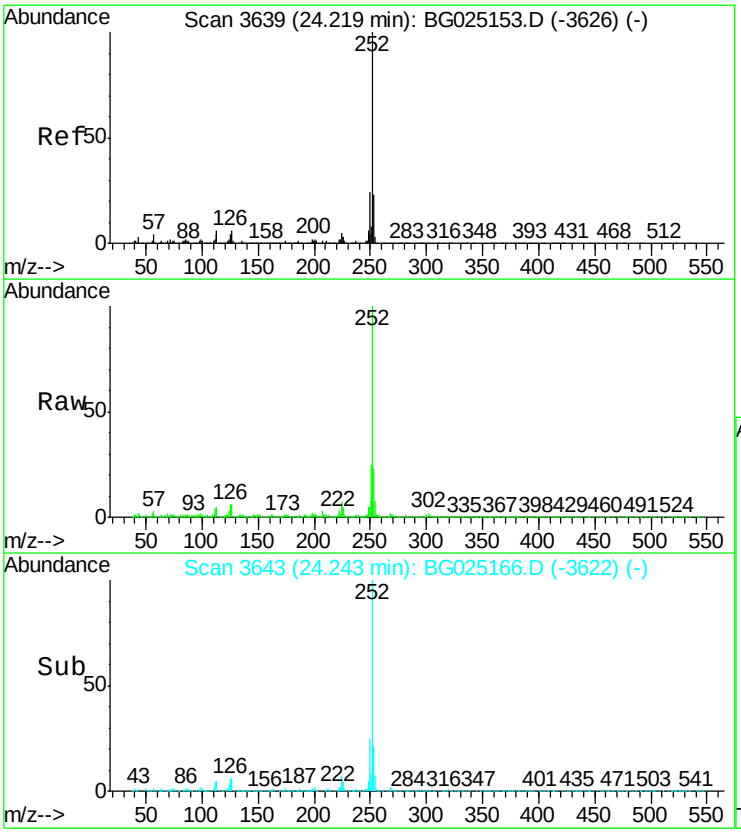
#82
Chrysene
Concen: 40.36 ng/ul
RT: 21.96 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:228 Resp: 1502755

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	21.5	16.9	25.3

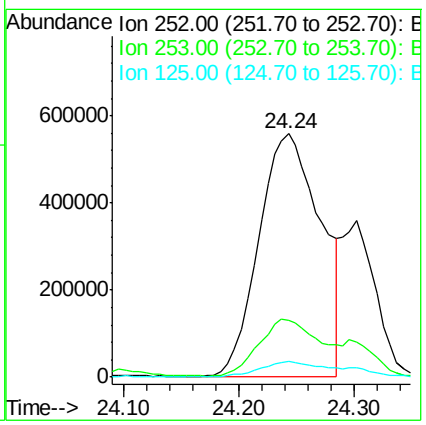


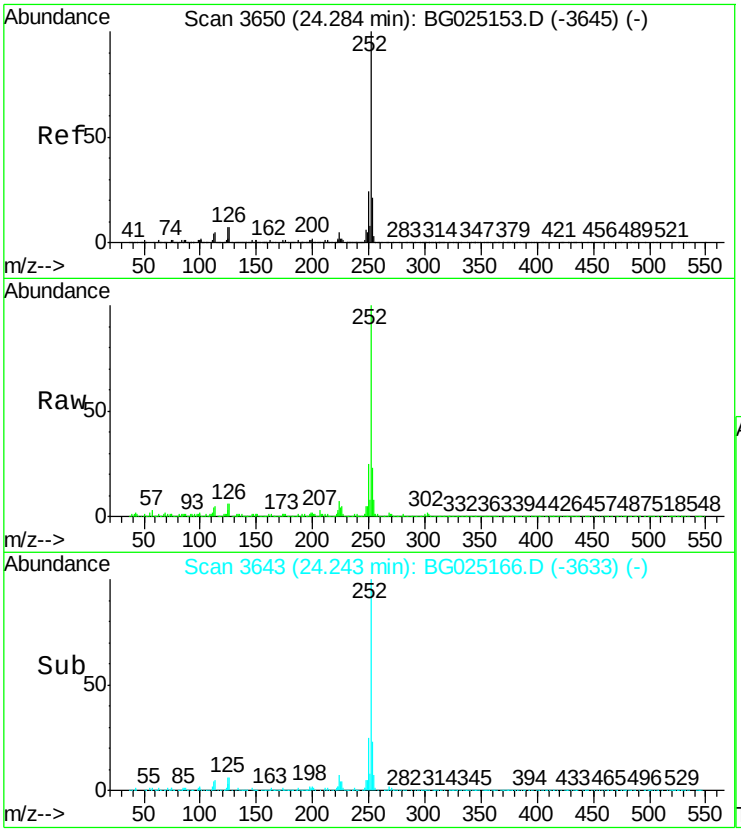


#85
Benzo(b)fluoranthene
Concen: 52.78 ng/ul
RT: 24.24 min Scan# 3643
Delta R.T. 0.02 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:252 Resp: 2068580

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	6.4	4.0	6.0#



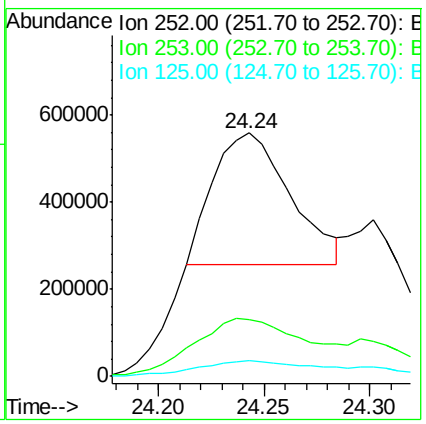


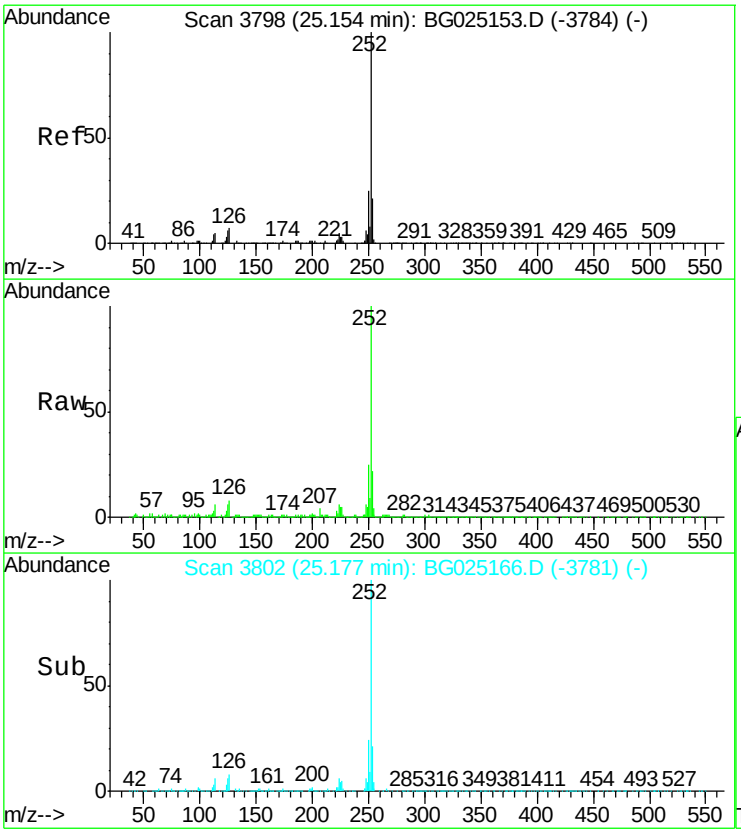
#86
Benzo(k)fluoranthene
Concen: 20.49 ng/ul
RT: 24.24 min Scan# 3643
Delta R.T. -0.04 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:252 Resp: 763363

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	6.4	4.1	6.1#

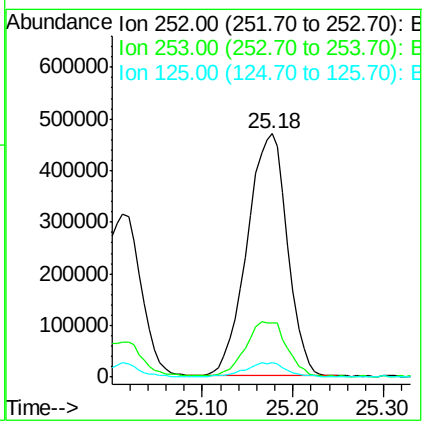


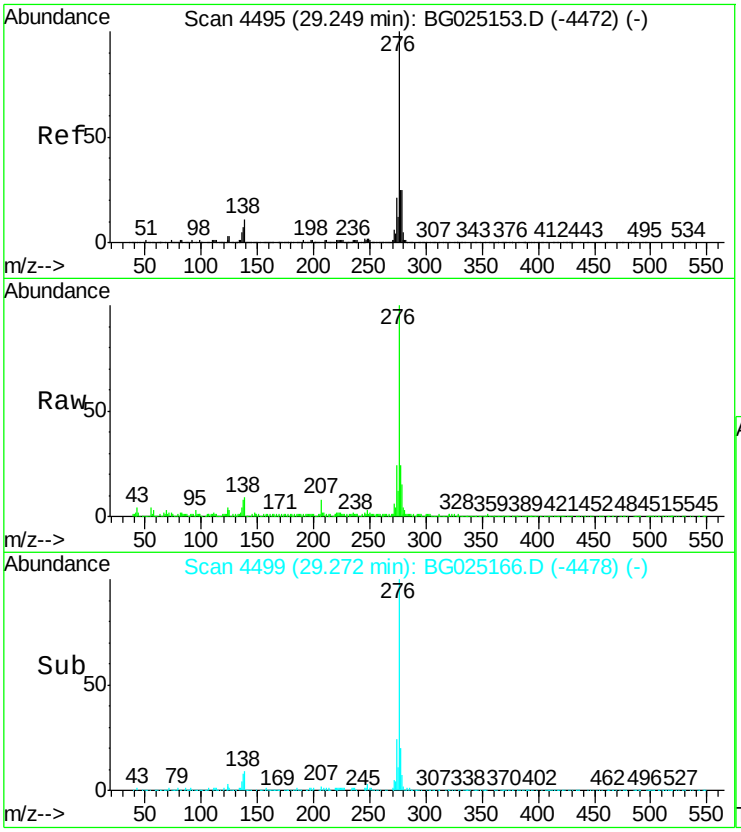


#88
Benzo(a)pyrene
Concen: 38.57 ng/ul
RT: 25.18 min Scan# 3802
Delta R.T. 0.02 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:252 Resp: 1453275

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	6.0	5.4	8.0



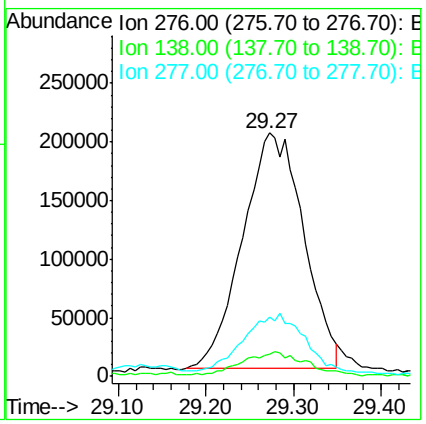


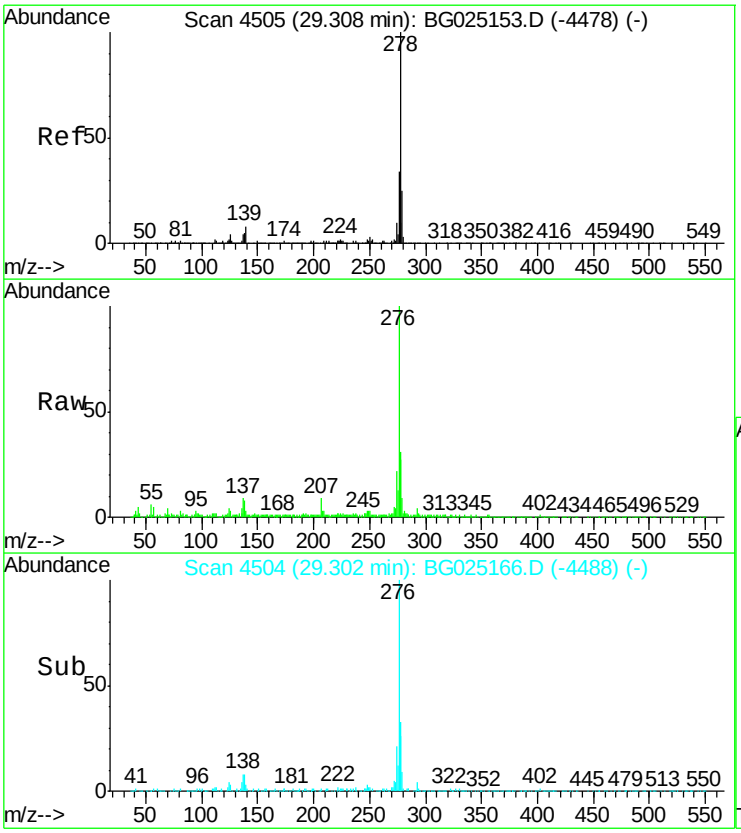
#89
Indeno(1,2,3-cd)pyrene
Concen: 20.67 ng/ul
RT: 29.27 min Scan# 4499
Delta R.T. 0.02 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:276 Resp: 967865

Ion	Ratio	Lower	Upper
276	100		
138	9.2	8.2	12.4
277	24.1	18.6	28.0

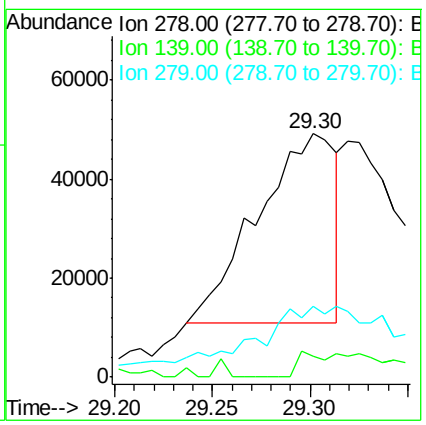


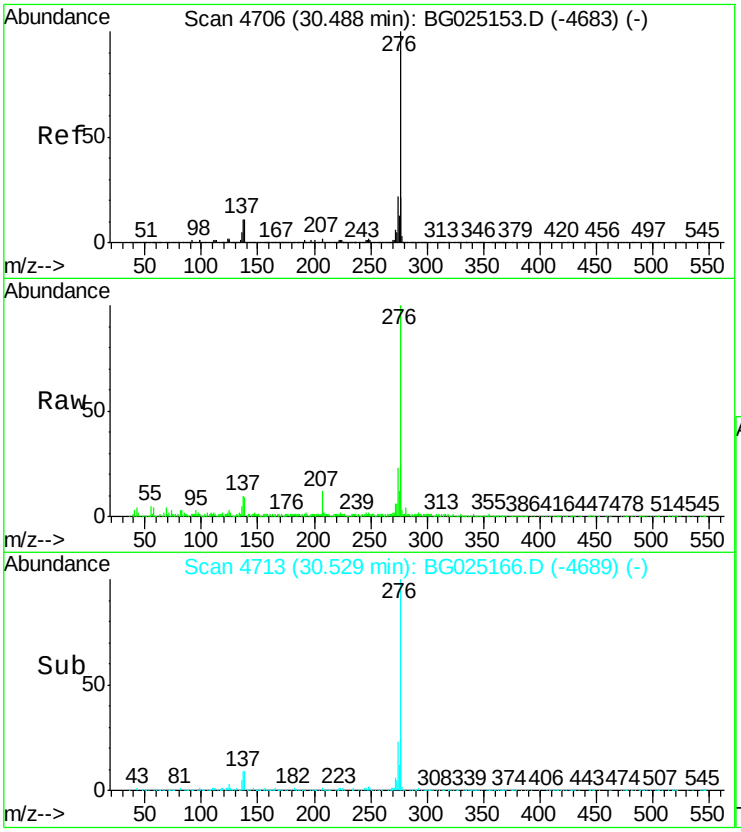


#90
Dibenzo(a,h)anthracene
Concen: 2.68 ng/ul
RT: 29.30 min Scan# 4504
Delta R.T. -0.01 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Tgt Ion:278 Resp: 105759

Ion	Ratio	Lower	Upper
278	100		
139	8.4	6.7	10.1
279	28.8	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 20.65 ng/ul
RT: 30.53 min Scan# 4713
Delta R.T. 0.04 min
Lab File: BG025166.D
Acq: 14 Dec 2016 4:40

Instrument :
BNA_G
ClientSampleId :
P006-SS026-1218-03

Tgt Ion:276 Resp: 807231

Ion	Ratio	Lower	Upper
276	100		
138	9.5	8.6	12.8
277	25.4	17.6	26.4