Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025138.D
Acq On : 13 Dec 2016 6:36
Operator : UM/SJ
Sample : H5990-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-SS017-0612-03

Quant Time: Dec 13 07:13:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	136518	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	589901	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	423586	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	747409	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	949679	20.00	ng/ul	0.02
83) Perylene-d12	25.35	264	926585	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	11363	4.30	ng/uL	0.00
5) Phenol-d5	7.40	99	280167	23.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	191301	26.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	199027	24.17	ng/ul	0.02
13) 4-Methylphenol-d8	8.95	113	233867	23.76	ng/ul	0.02
19) Nitrobenzene-d5	9.42	128	109210	26.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	134673	25.86	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.69	165	244491	24.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	162555	16.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	784202	26.91	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	851217	26.67	ng/ul	0.02
51) 4-Nitrophenol-d4	15.08	143	110477	22.06	ng/ul	0.03
57) Fluorene-d10	15.86	176	658890	24.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	118198	25.58	ng/ul	0.02
70) Anthracene-d10	17.71	188	871290	27.62	ng/ul	0.02
76) Pyrene-d10	19.99	212	1018470	26.04	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.12	264	1008912	26.87	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.43	94	46279	3.83	ng/ul	98
44) Dimethylphthalate	14.31	163	105420	3.68	ng/ul#	95
49) Acenaphthene	14.93	153	62541	2.94	ng/ul	94
53) Dibenzofuran	15.26	168	38050	1.13	ng/ul	89
58) Fluorene	15.91	166	63118	2.31	ng/ul	98
69) Phenanthrene	17.66	178	1144624	32.09	ng/ul	98
71) Anthracene	17.75	178	309844	8.45	ng/ul	97
72) Carbazole	18.01	167	33413	1.09	ng/ul#	89
74) Fluoranthene	19.65	202	1977883	46.66	ng/ul	99
77) Pyrene	20.02	202	1590782	34.85	ng/ul	98
80) Benzo(a)anthracene	21.89	228	1124953	22.80	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.74	149	29644	1.20	ng/ul#	64
82) Chrysene	21.96	228	948621	20.55	ng/ul	95
85) Benzo(b)fluoranthene	24.25	252	1138065	24.77	ng/ul#	91
86) Benzo(k)fluoranthene	24.25	252	263738	6.04	ng/ul#	93
88) Benzo(a)pyrene	25.19	252	681394	15.42	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.30	276	144919	2.64	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.35	278	57548	1.24	ng/ul#	85
91) Benzo(g,h,i)perylene	30.55	276	190492	4.16	ng/ul#	88

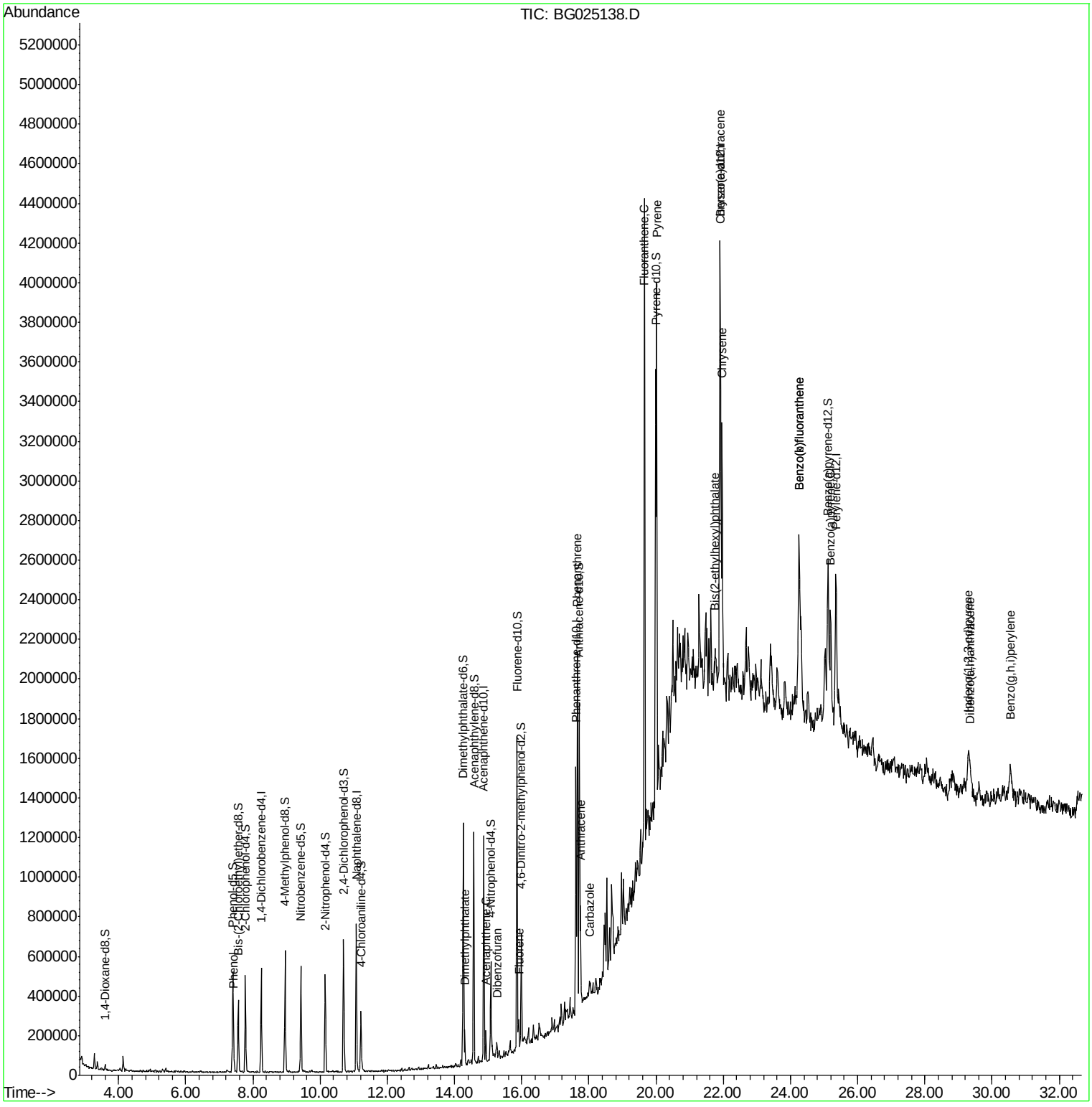
(#) = qualifier out of range (m) = manual integration (+) = signals summed

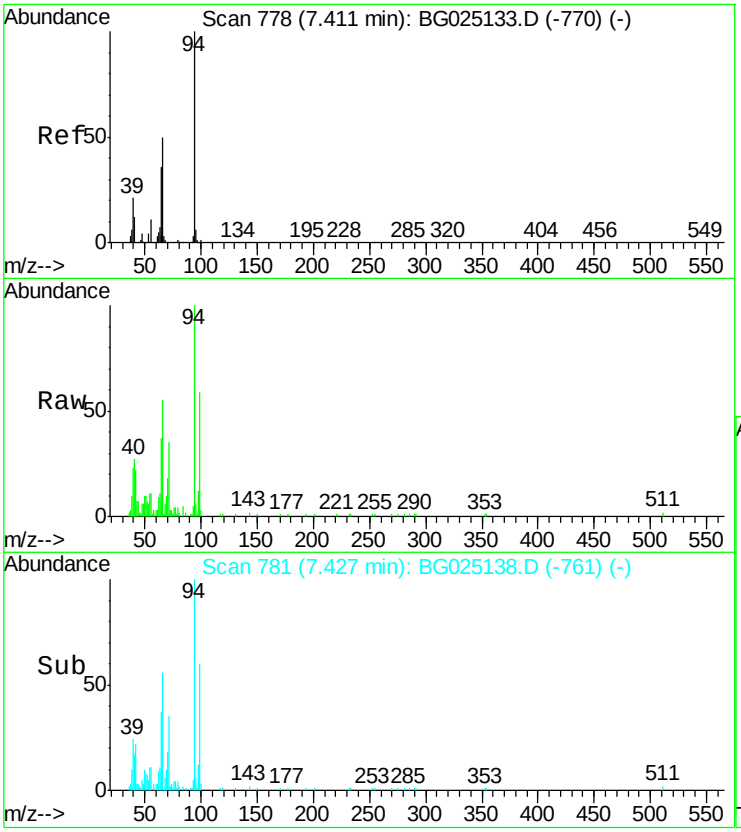
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025138.D
Acq On : 13 Dec 2016 6:36
Operator : UM/SJ
Sample : H5990-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Quant Time: Dec 13 07:13:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration



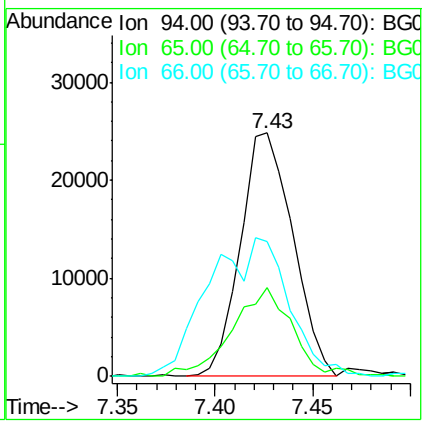


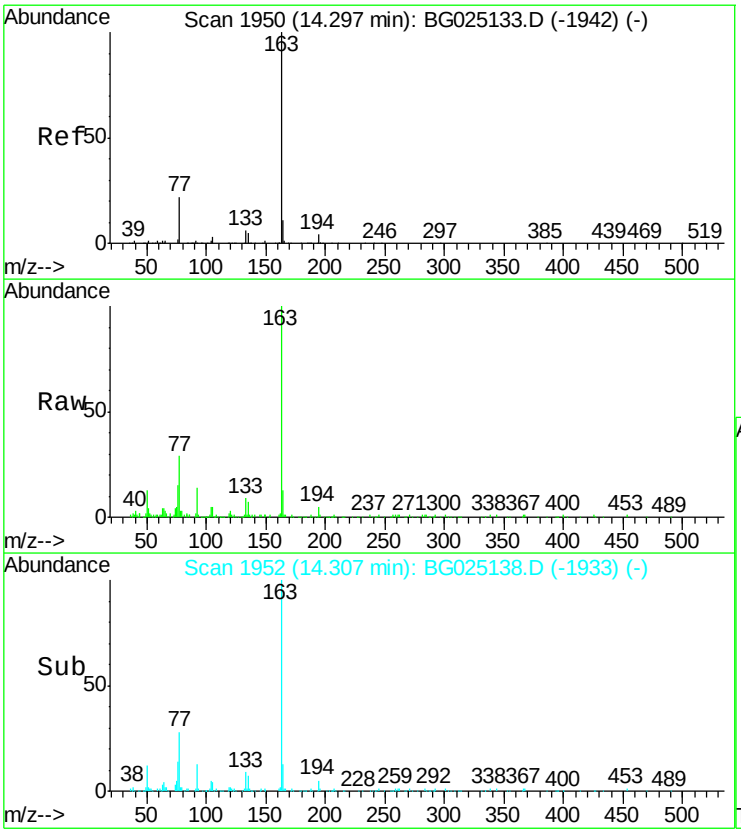
#6
Phenol
Concen: 3.83 ng/ul
RT: 7.43 min Scan# 781
Delta R.T. 0.02 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion: 94 Resp: 46279

Ion	Ratio	Lower	Upper
94	100		
65	36.7	26.8	40.2
66	55.2	44.4	66.6

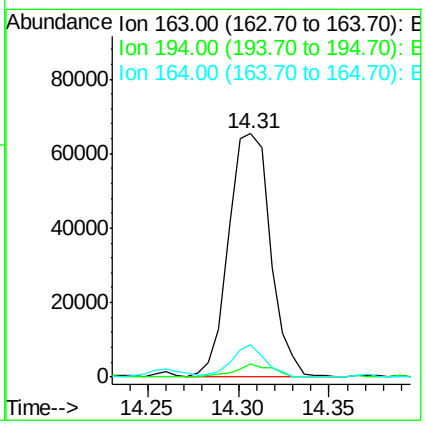


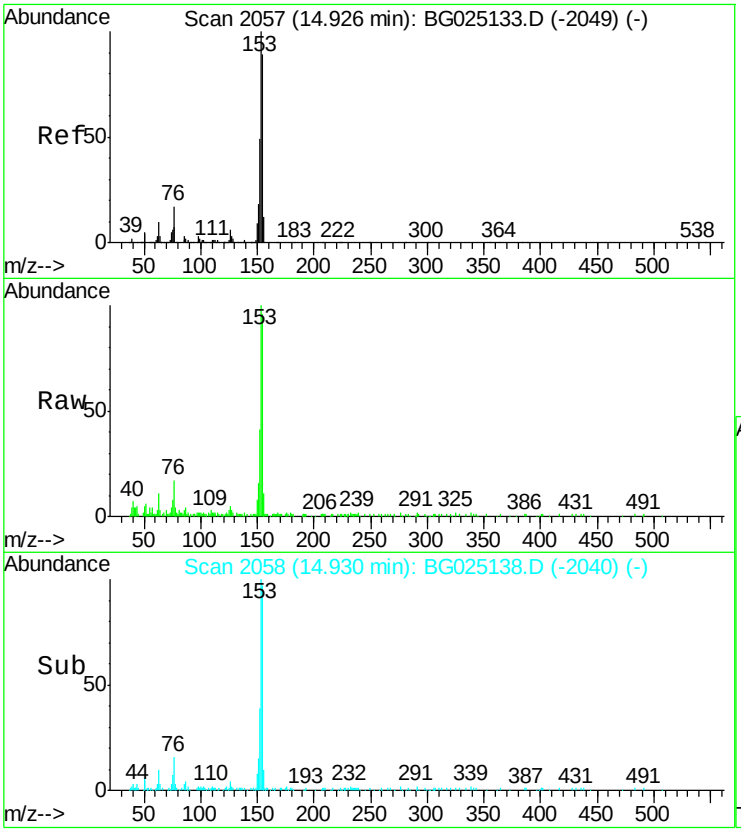


#44
Dimethylphthalate
Concen: 3.68 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:163 Resp: 105420

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.0#
164	13.4	9.0	13.4



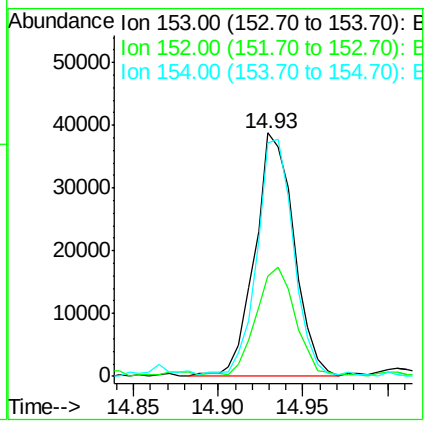


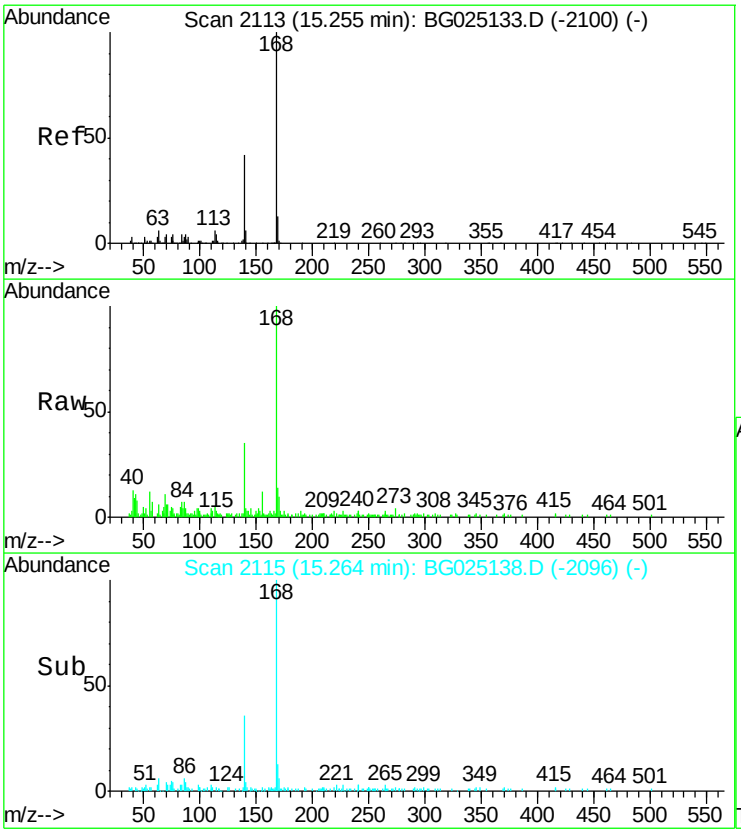
#49
Acenaphthene
Concen: 2.94 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:153 Resp: 62541

Ion	Ratio	Lower	Upper
153	100		
152	41.1	36.5	54.7
154	95.7	72.3	108.5

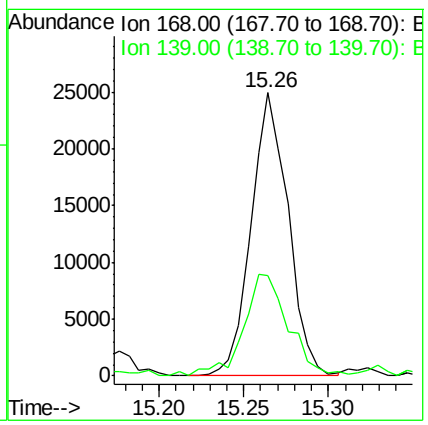


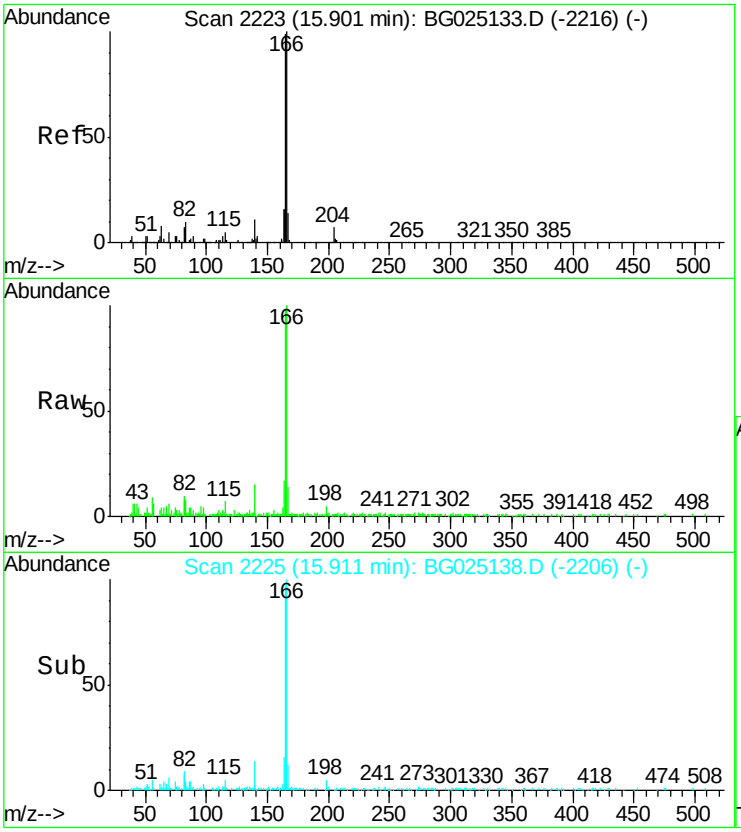


#53
Dibenzofuran
Concen: 1.13 ng/ul
RT: 15.26 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:168 Resp: 38050

Ion	Ratio	Lower	Upper
168	100		
139	35.3	33.8	50.8



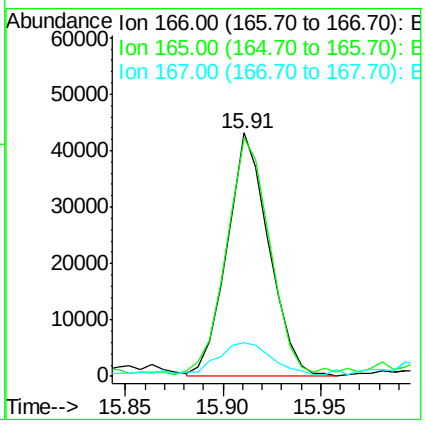


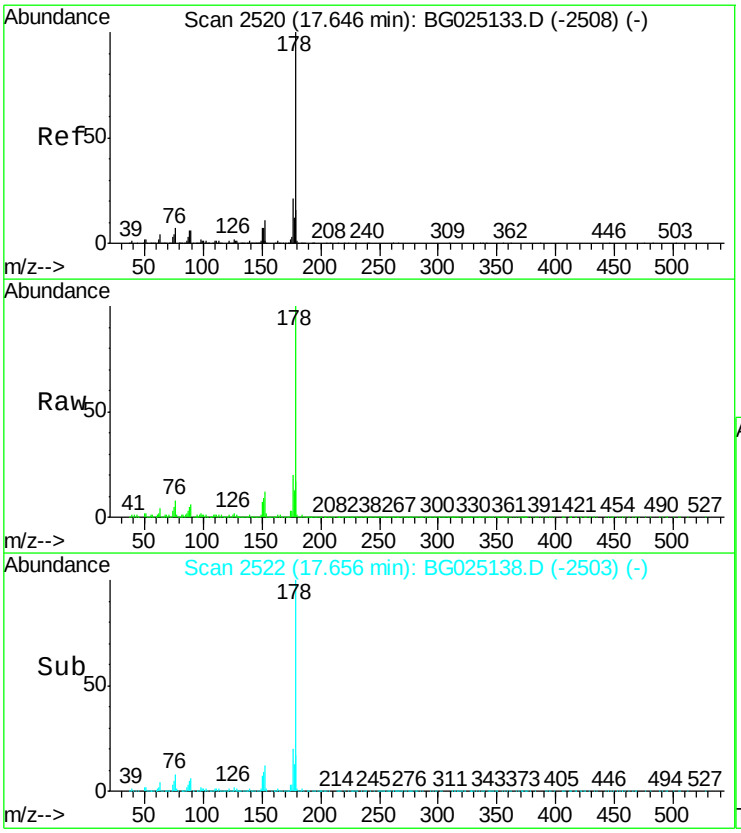
#58
Fluorene
Concen: 2.31 ng/ul
RT: 15.91 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:166 Resp: 63118

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.7	119.5
167	13.8	11.4	17.2

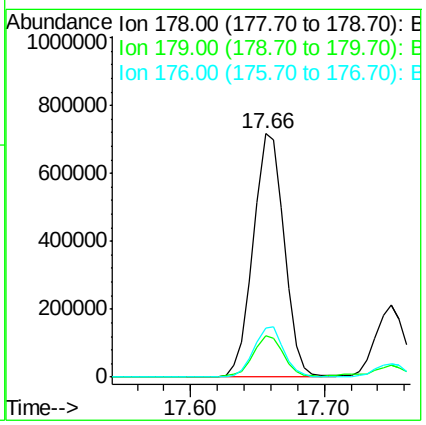


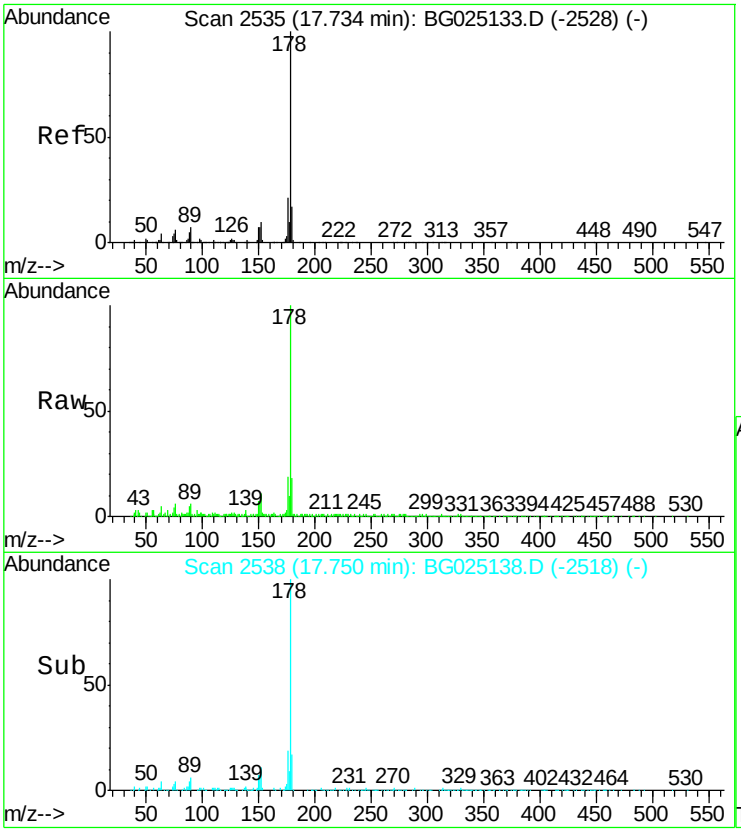


#69
Phenanthrene
Concen: 32.09 ng/ul
RT: 17.66 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:178 Resp: 1144624

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.4	18.6
176	20.4	16.5	24.7



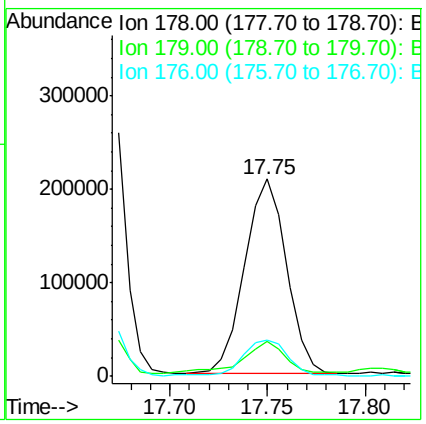


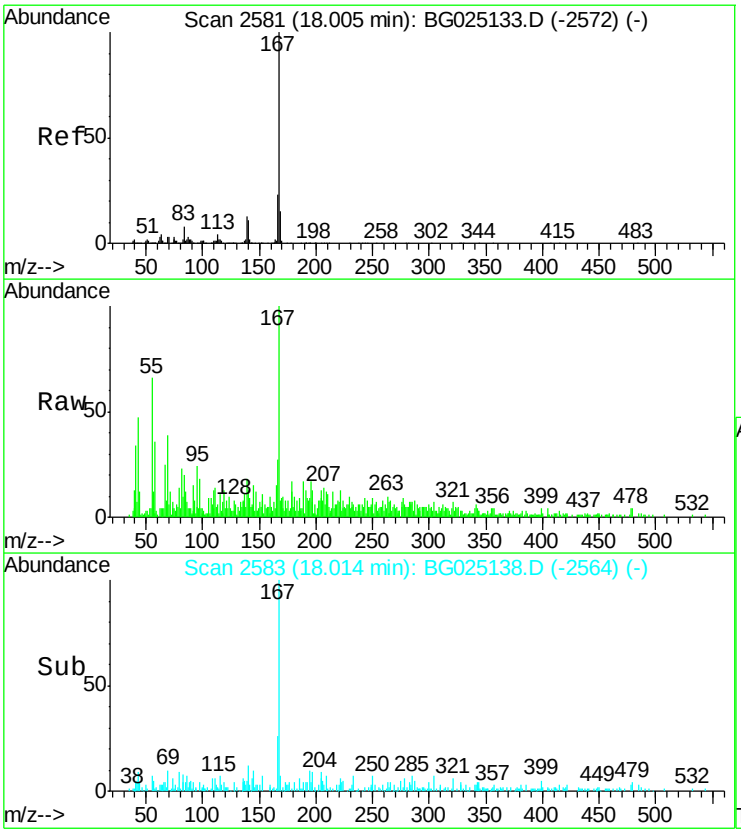
#71
Anthracene
Concen: 8.45 ng/ul
RT: 17.75 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:178 Resp: 309844

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.6	19.0
176	18.5	15.9	23.9

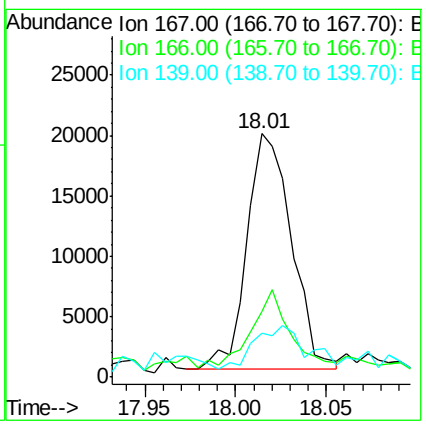


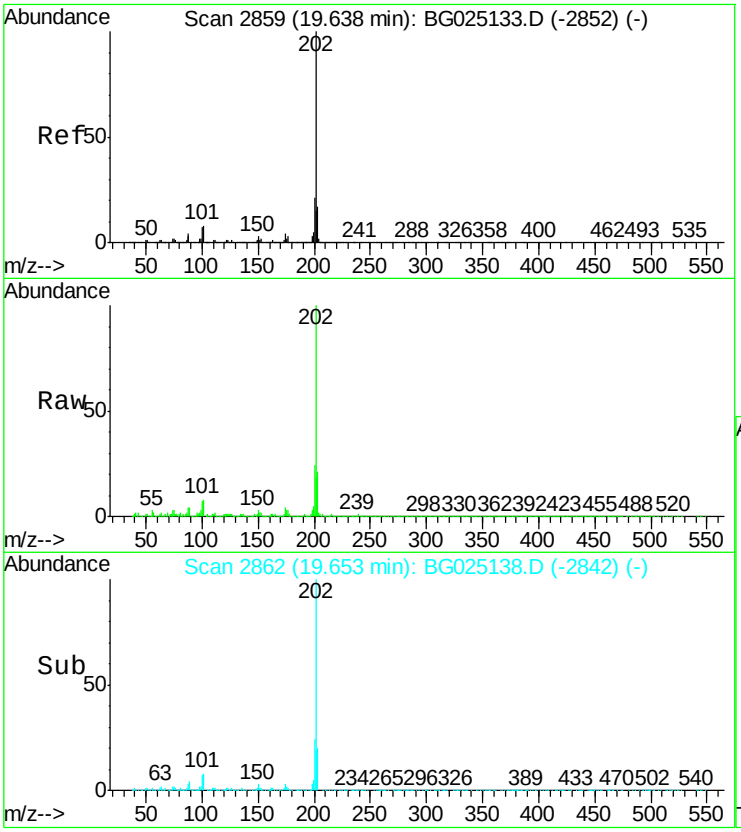


#72
Carbazole
Concen: 1.09 ng/ul
RT: 18.01 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:167 Resp: 33413

Ion	Ratio	Lower	Upper
167	100		
166	27.0	17.9	26.9#
139	18.0	10.5	15.7#



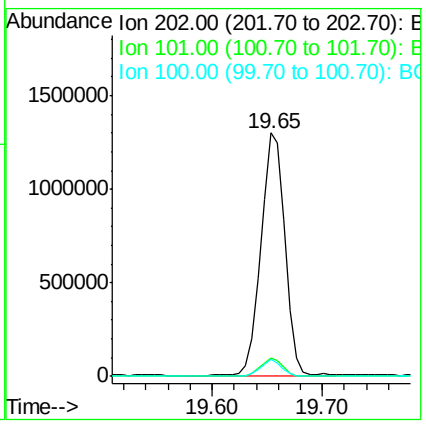


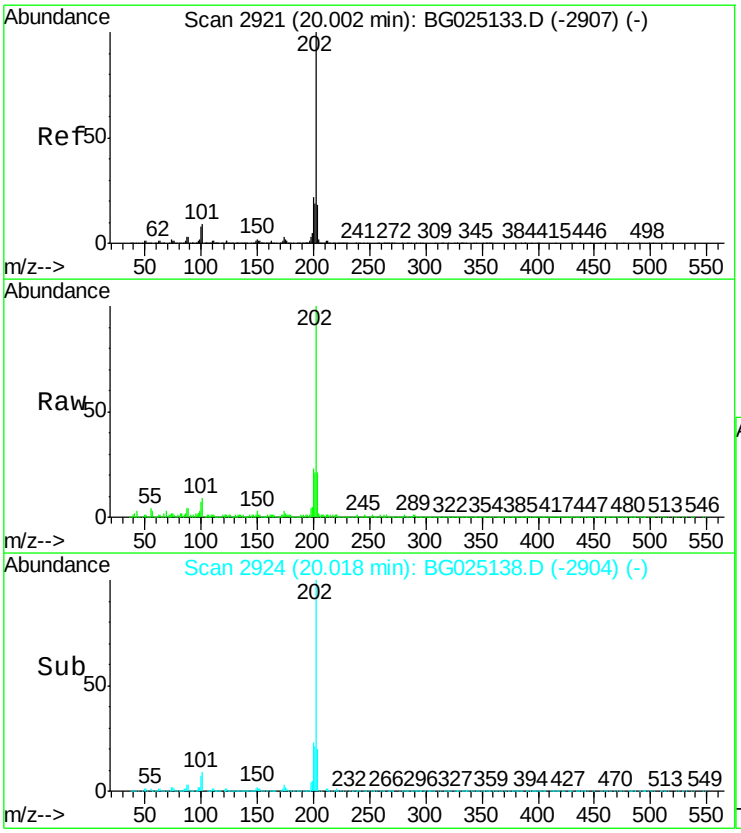
#74
Fluoranthene
Concen: 46.66 ng/ul
RT: 19.65 min Scan# 2862
Delta R.T. 0.02 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:202 Resp: 1977883

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.2
100	6.9	5.2	7.8

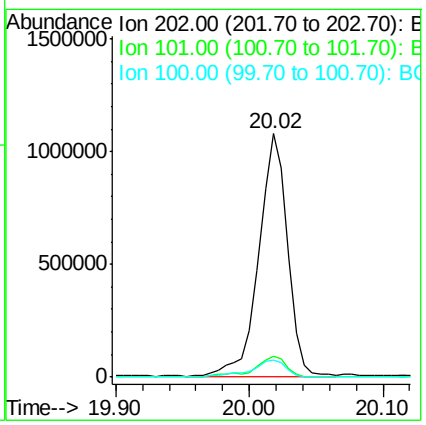


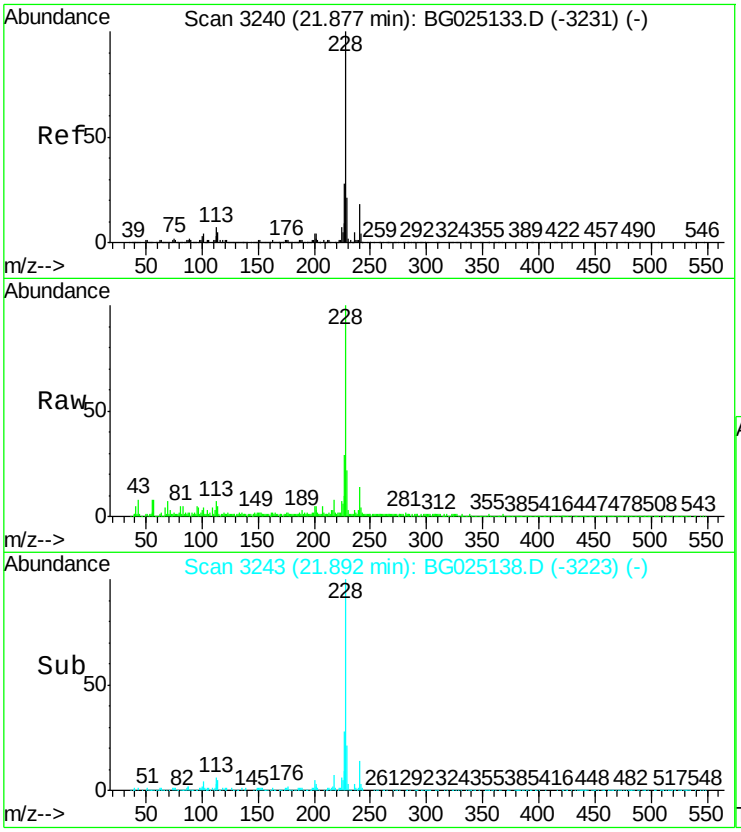


#77
Pyrene
Concen: 34.85 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. 0.02 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:202 Resp: 1590782

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	7.2	6.6	10.0



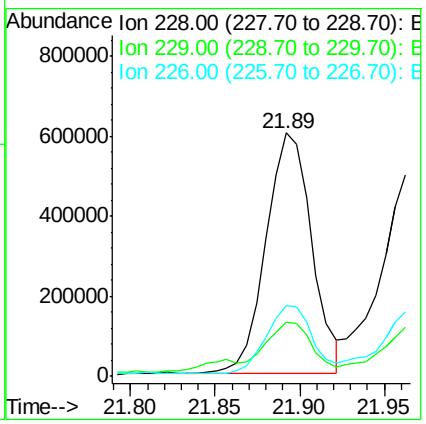


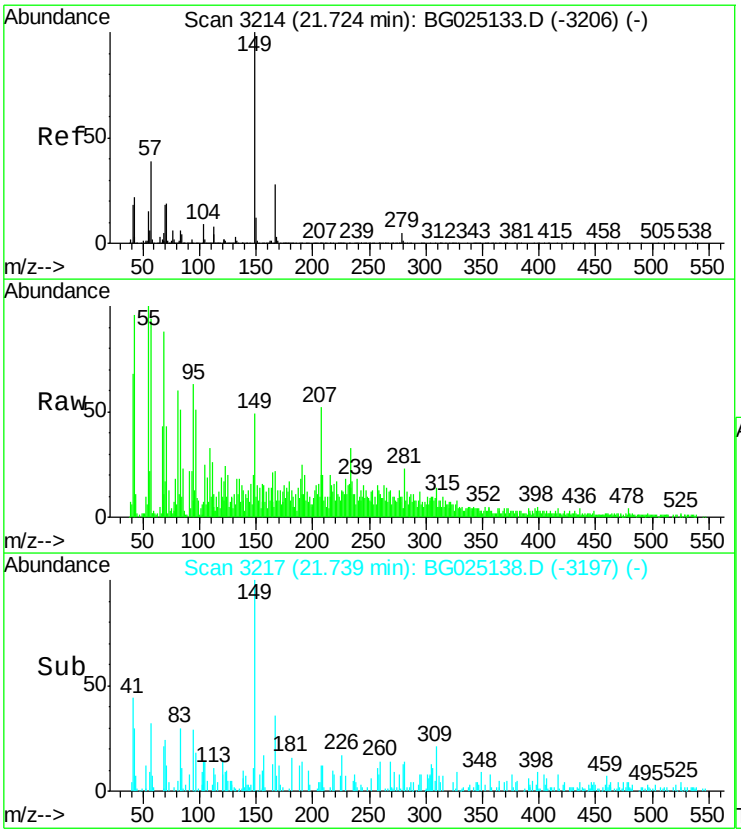
#80
Benzo(a)anthracene
Concen: 22.80 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. 0.02 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:228 Resp: 1124953

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.3	24.5
226	28.8	21.9	32.9

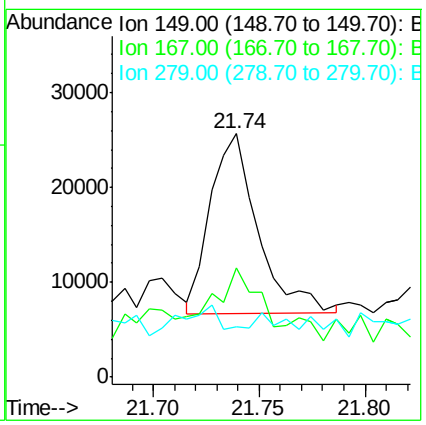


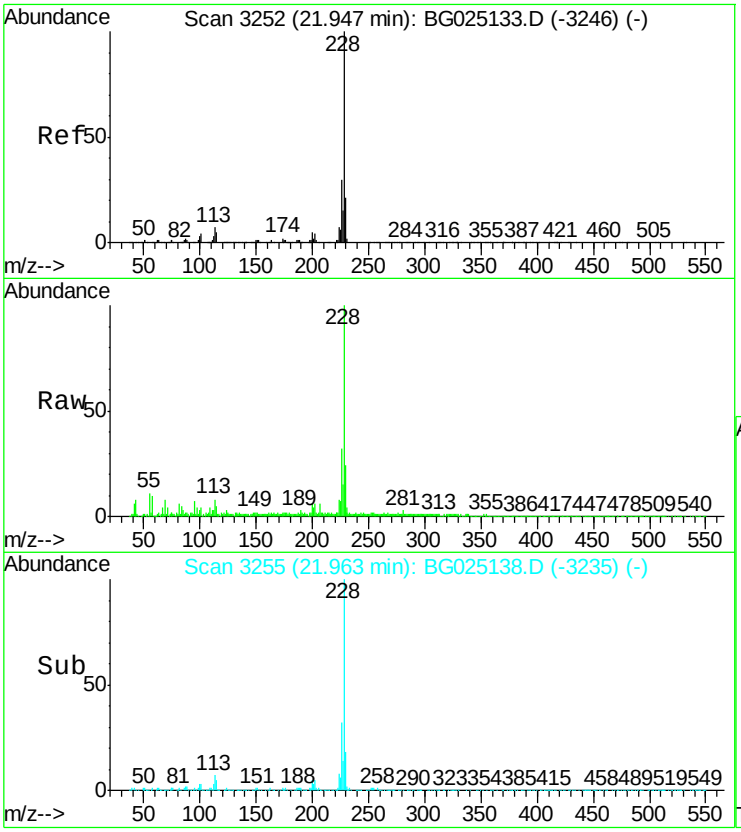


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.20 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. 0.02 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:149 Resp: 29644

Ion	Ratio	Lower	Upper
149	100		
167	45.0	21.8	32.8#
279	20.9	4.5	6.7#



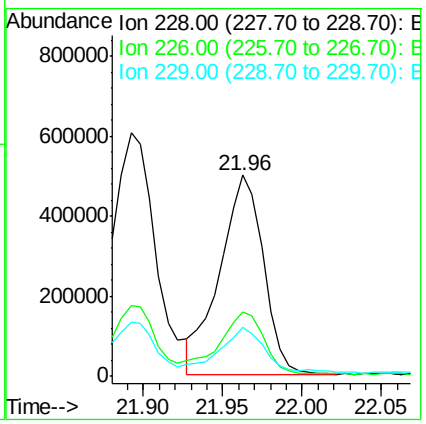


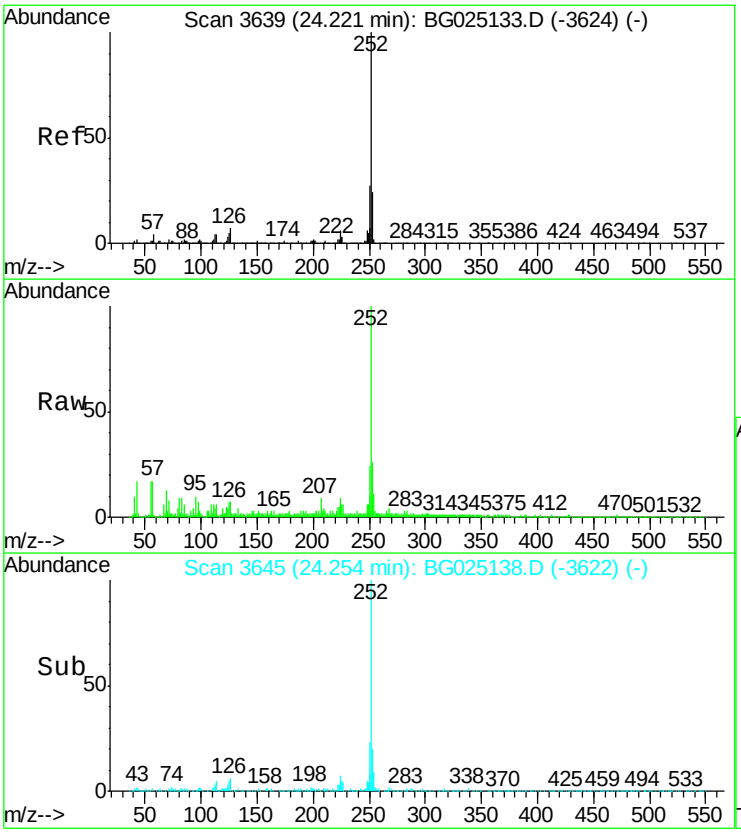
#82
Chrysene
Concen: 20.55 ng/ul
RT: 21.96 min Scan# 3255
Delta R.T. 0.02 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:228 Resp: 948621

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	24.2	16.9	25.3

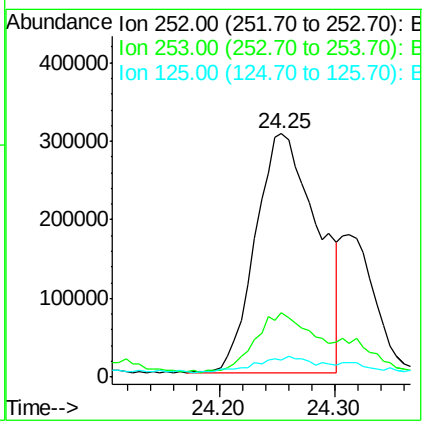


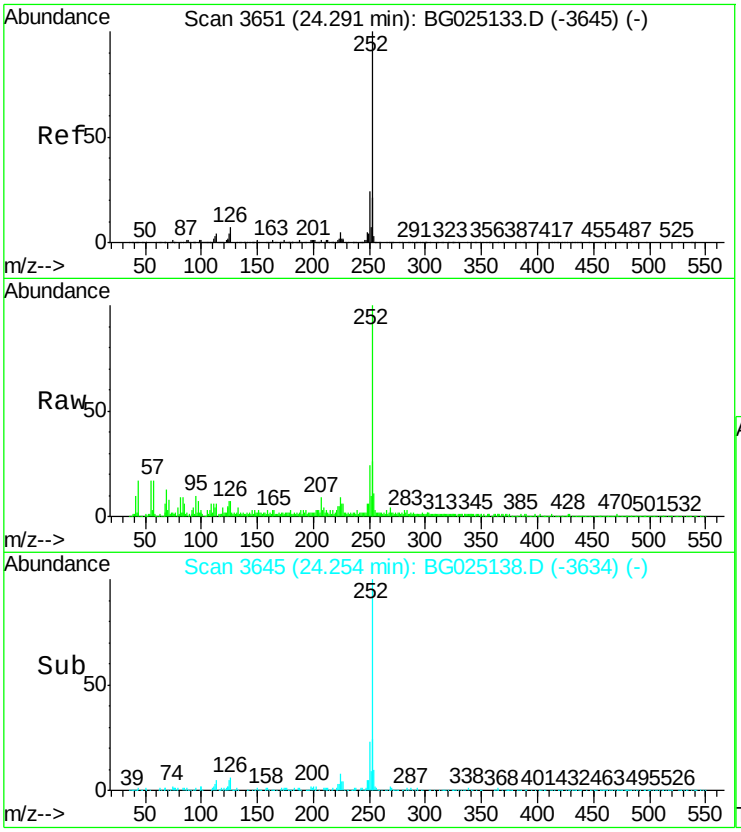


#85
Benzo(b)fluoranthene
Concen: 24.77 ng/ul
RT: 24.25 min Scan# 3645
Delta R.T. 0.03 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:252 Resp: 1138065

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.7	26.5
125	7.1	4.0	6.0#



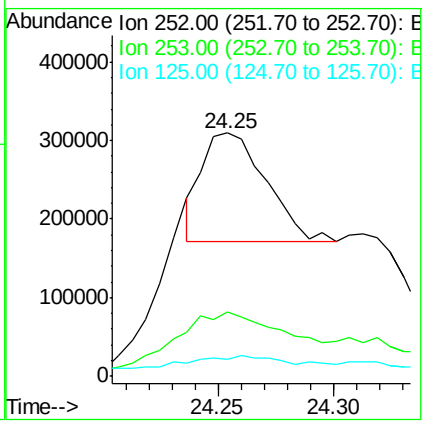


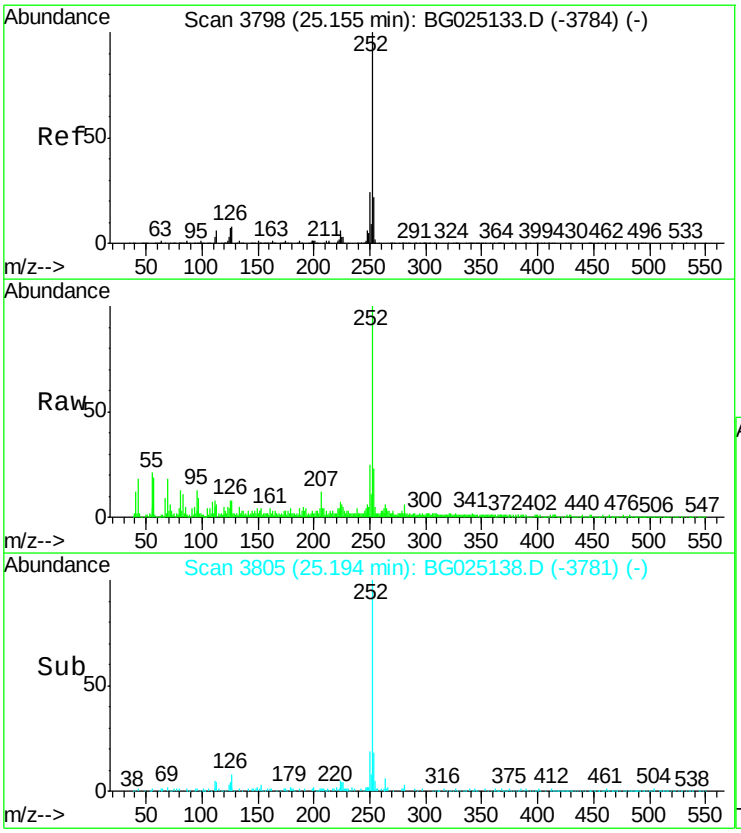
#86
Benzo(k)fluoranthene
Concen: 6.04 ng/ul
RT: 24.25 min Scan# 3645
Delta R.T. -0.04 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:252 Resp: 263738

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.5	27.7
125	7.1	4.1	6.1#

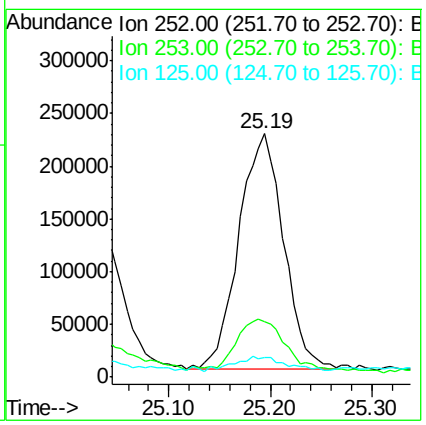


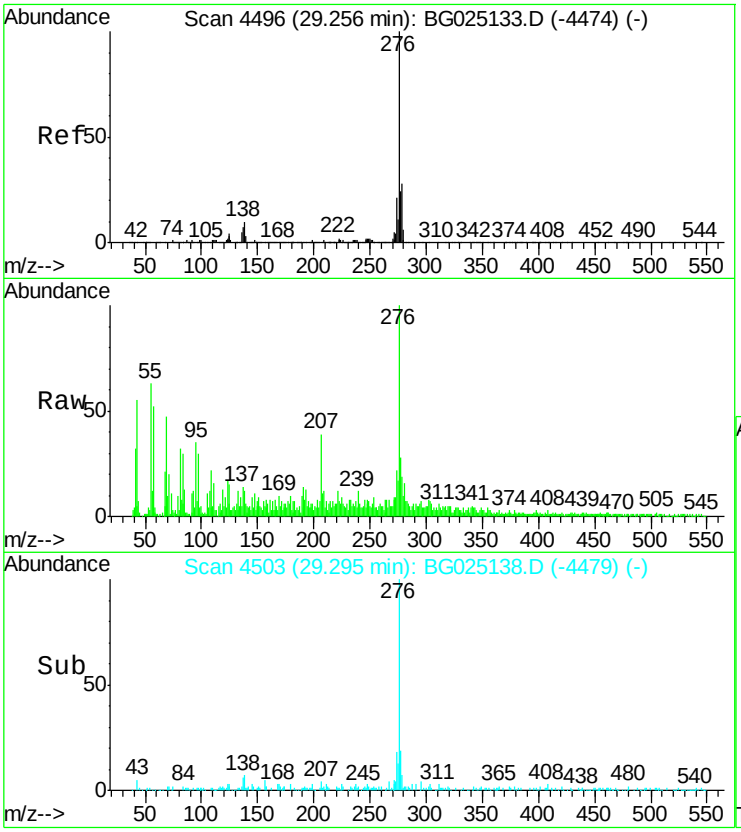


#88
Benzo(a)pyrene
Concen: 15.42 ng/ul
RT: 25.19 min Scan# 3805
Delta R.T. 0.04 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:252 Resp: 681394

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.0	5.4	8.0



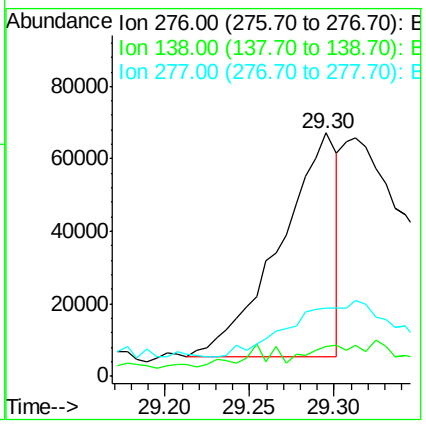


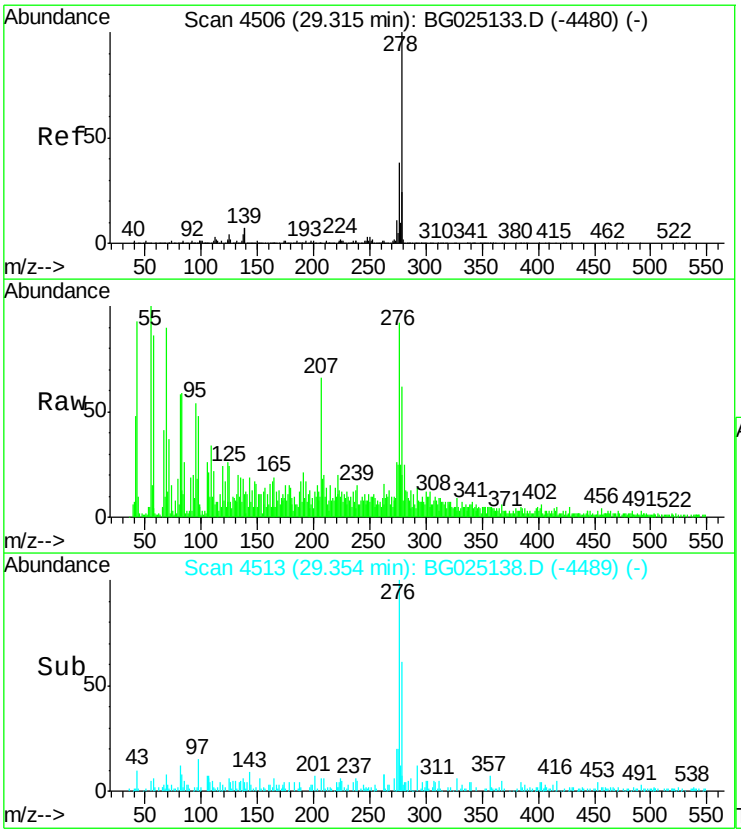
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.64 ng/ul
RT: 29.30 min Scan# 4503
Delta R.T. 0.04 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:276 Resp: 144919

Ion	Ratio	Lower	Upper
276	100		
138	12.2	8.2	12.4
277	28.1	18.6	28.0#

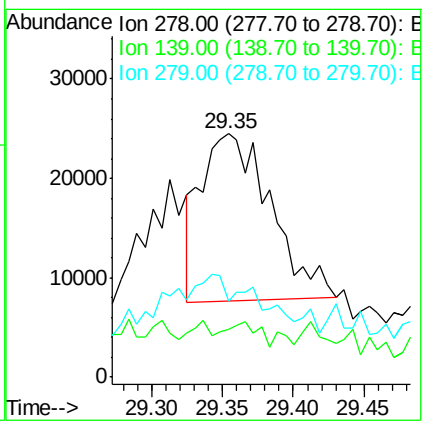


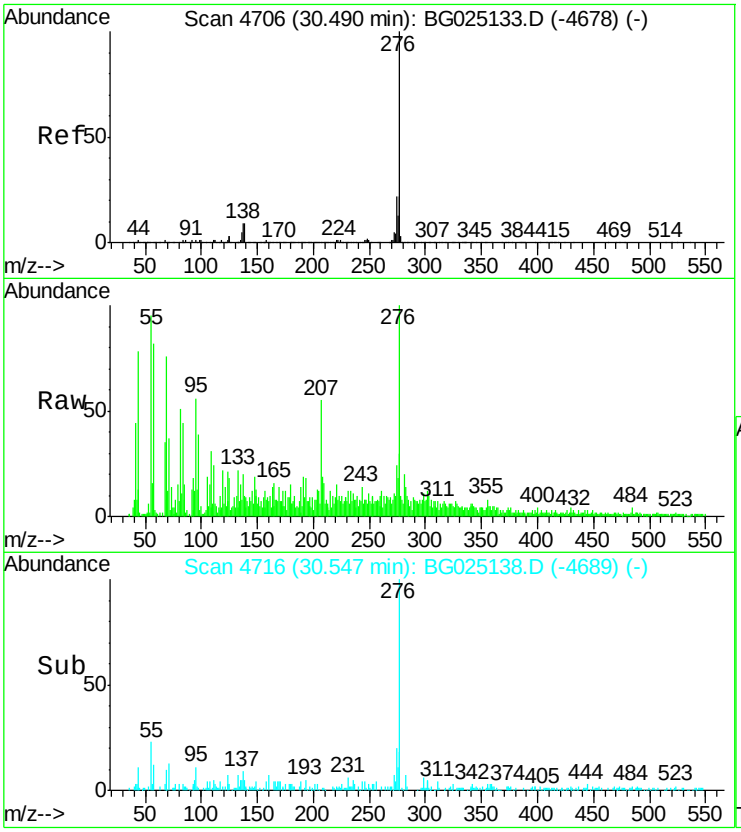


#90
Dibenzo(a,h)anthracene
Concen: 1.24 ng/ul
RT: 29.35 min Scan# 4513
Delta R.T. 0.04 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Tgt Ion:278 Resp: 57548

Ion	Ratio	Lower	Upper
278	100		
139	19.4	6.7	10.1#
279	31.4	20.9	31.3#





#91
Benzo(g,h,i)perylene
Concen: 4.16 ng/ul
RT: 30.55 min Scan# 4716
Delta R.T. 0.06 min
Lab File: BG025138.D
Acq: 13 Dec 2016 6:36

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Tgt Ion:276 Resp: 190492

Ion	Ratio	Lower	Upper
276	100		
138	9.9	8.6	12.8
277	30.0	17.6	26.4#