Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Time: Dec 09 01:35:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	95872	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	373538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	317126	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	833564	20.00	ng/ul	0.10
75) Chrysene-d12	22.02	240	1287	20.00	ng/ul	0.13
83) Perylene-d12	25.31	264	1020925	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	8930	4.81	ng/uL	0.00
5) Phenol-d5	7.38	99	177131	21.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	119639	23.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	133131	23.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	124737	18.05	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	67897	25.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	82552	25.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	153827	24.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	57096	9.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	551879	25.30	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	613572	25.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	65248	17.40	ng/ul	0.00
57) Fluorene-d10	15.85	176	512661	24.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	941	0.18	ng/ul	0.09
70) Anthracene-d10	17.70	188	834328	23.71	ng/ul	0.00
76) Pyrene-d10	19.97	212	1081662	20404.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1165509	28.18	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.41	94	42274	4.98	ng/ul	95
11) 2-Methylphenol	8.68	108	7159	1.15	ng/ul#	78
14) Acetophenone	9.07	105	22966	2.18	ng/ul#	83
24) 2,4-Dimethylphenol	10.22	107	13745	1.80	ng/ul#	78
28) Naphthalene	11.12	128	18411	1.06	ng/ul	97
34) 2-Methylnaphthalene	12.71	142	21823	1.59	ng/ul	83
44) Dimethylphthalate	14.30	163	100842	4.70	ng/ul#	95
47) Acenaphthylene	14.59	152	28572	1.23	ng/ul#	83
69) Phenanthrene	17.65	178	61108	1.54	ng/ul	95
77) Pyrene	20.00	202	554003	8954.51	ng/ul	99
78) Butylbenzylphthalate	20.97	149	1071	44.21	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.90	252	1072	47.78	ng/ul#	10
80) Benzo(a)anthracene	21.94	228	681214	10187.73	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.86	149	716	21.48	ng/ul#	4
82) Chrysene	21.94	228	681214	10891.76	ng/ul	95
85) Benzo(b)fluoranthene	24.22	252	1276518	25.22	ng/ul	97
86) Benzo(k)fluoranthene	24.22	252	1276518	26.53	ng/ul	99
88) Benzo(a)pyrene	25.15	252	584995	12.02	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.22	276	738482	12.21	ng/ul	97
90) Dibenzo(a,h)anthracene	29.25	278	187869	3.69	ng/ul#	85
91) Benzo(g,h,i)perylene	30.46	276	663925	13.15	ng/ul#	95

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Quant Time: Dec 09 01:35:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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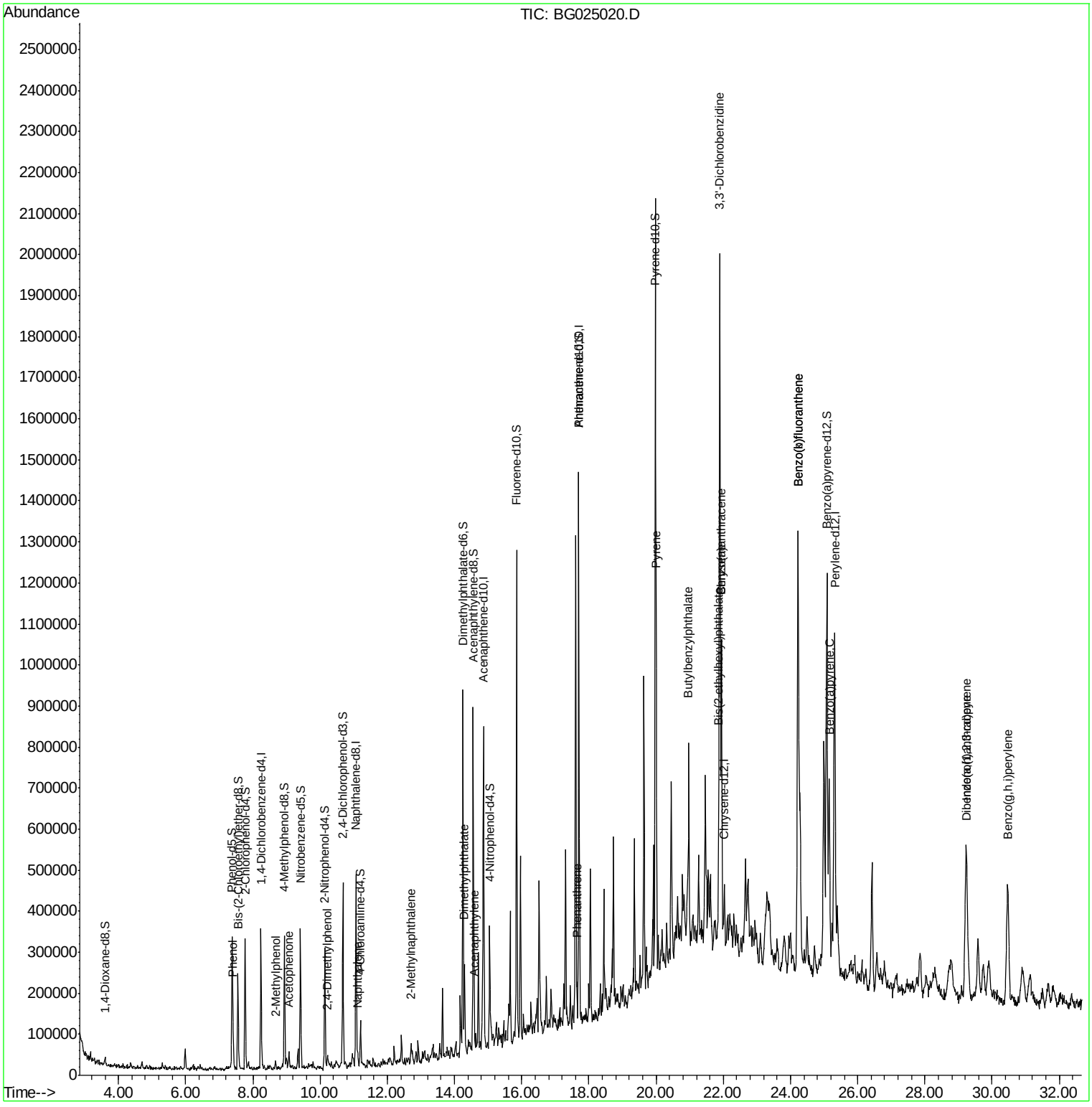
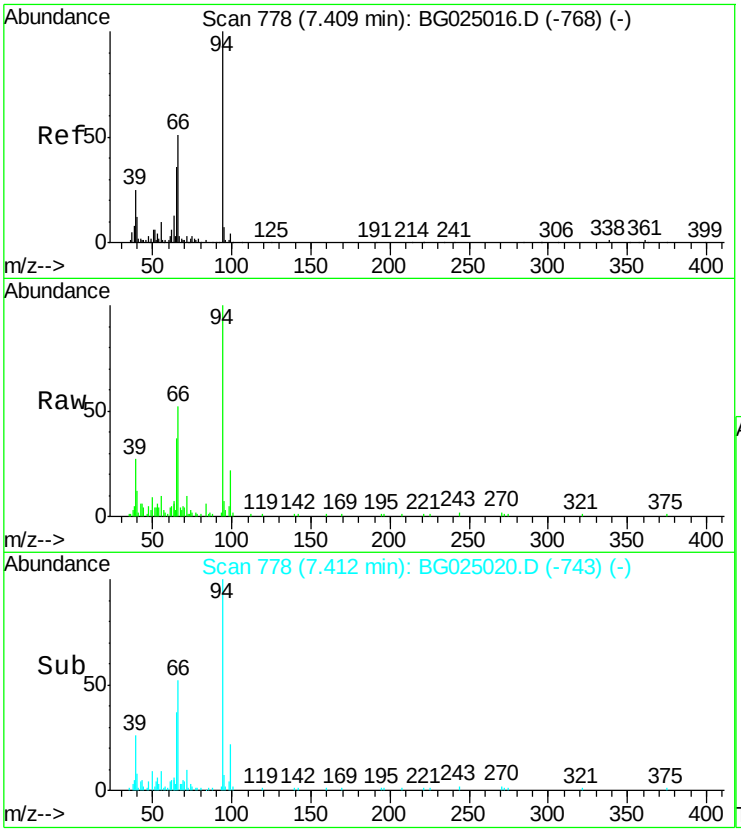
DA7Y8

Quant Time: Dec 09 01:35:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration



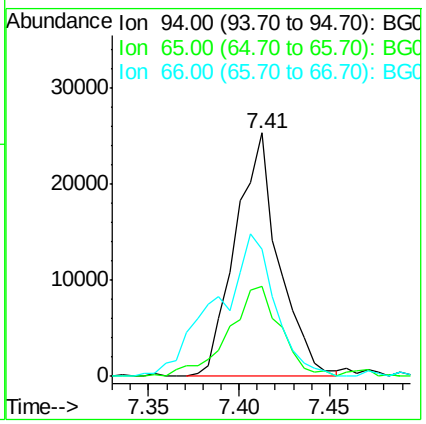


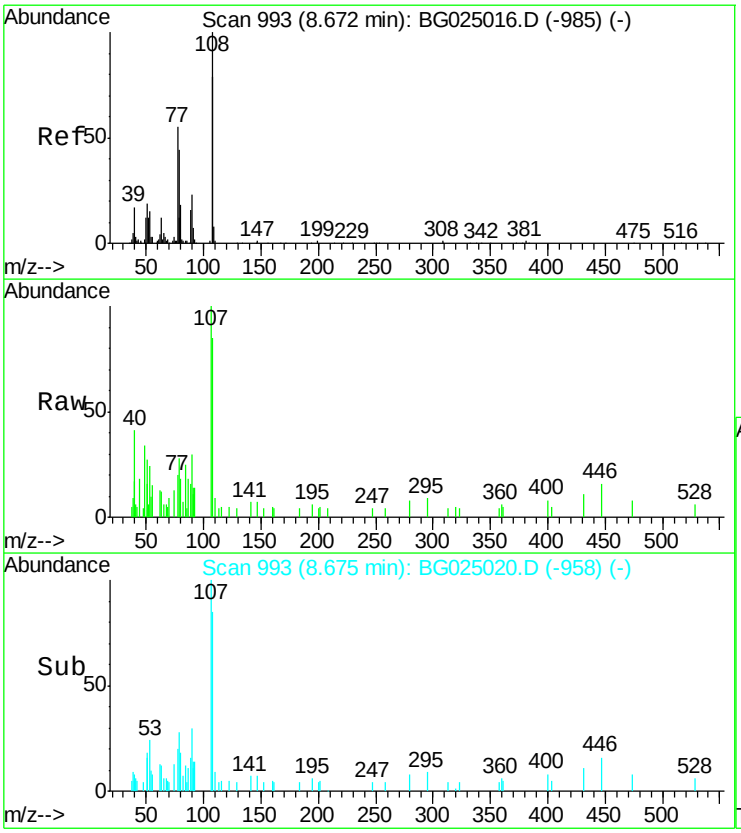
#6
Phenol
Concen: 4.98 ng/ul
RT: 7.41 min Scan# 778
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion: 94 Resp: 42274

Ion	Ratio	Lower	Upper
94	100		
65	37.2	26.8	40.2
66	52.0	44.4	66.6

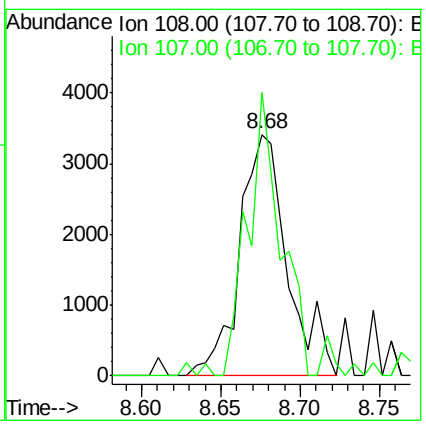


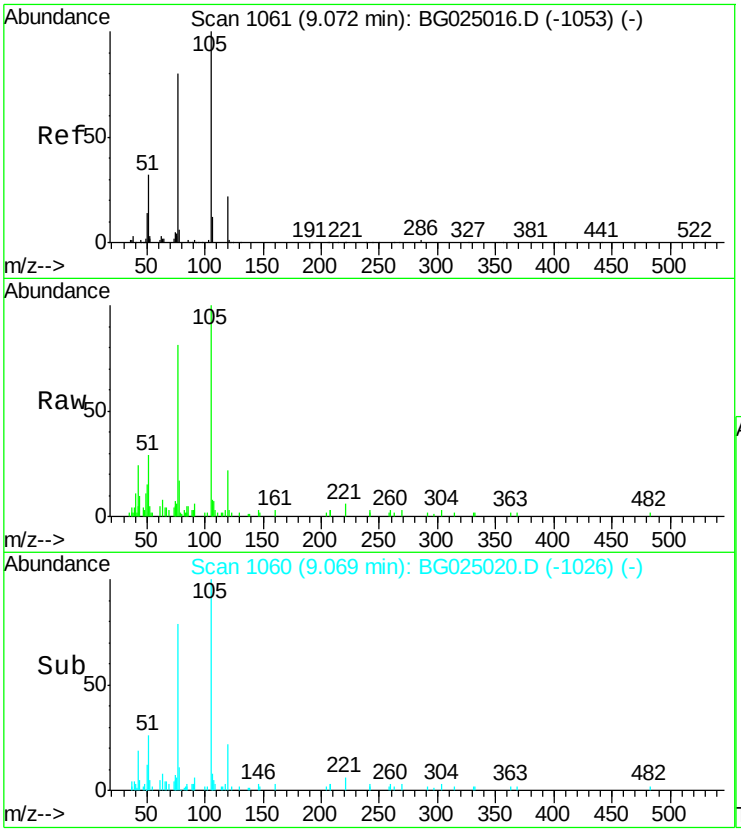


#11
2-Methylphenol
Concen: 1.15 ng/ul
RT: 8.68 min Scan# 993
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:108 Resp: 7159

Ion	Ratio	Lower	Upper
108	100		
107	117.1	76.7	115.1#



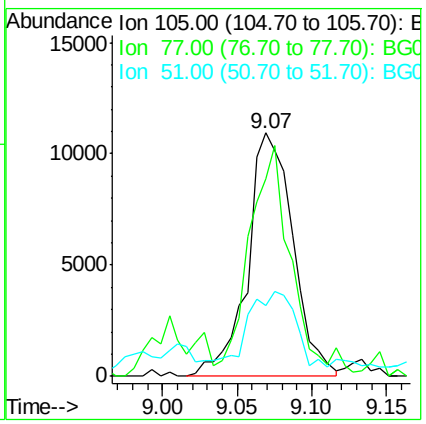


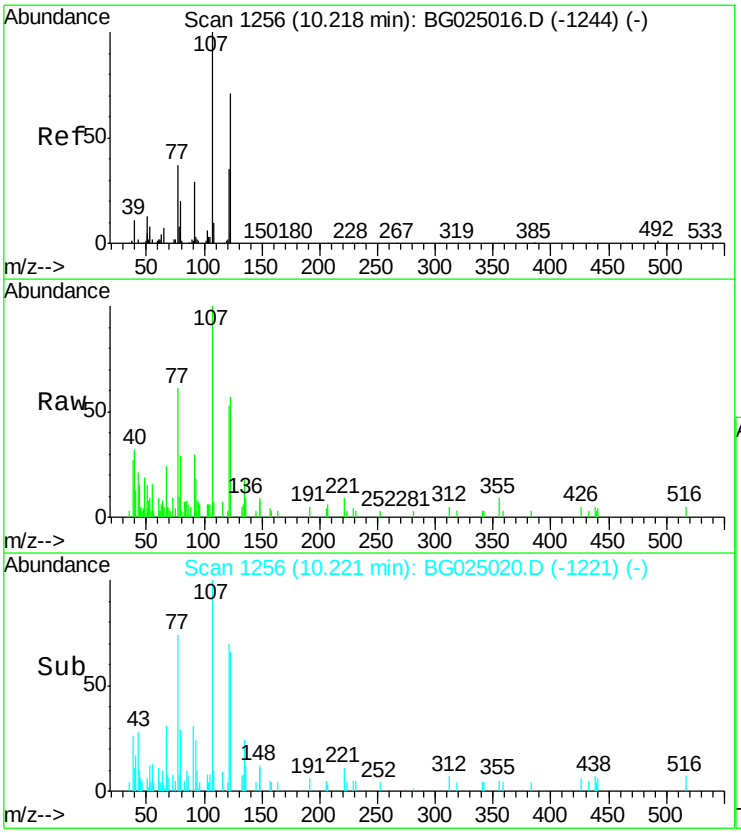
#14
Acetophenone
Concen: 2.18 ng/ul
RT: 9.07 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:105 Resp: 22966

Ion	Ratio	Lower	Upper
105	100		
77	81.0	76.0	114.0
51	29.2	34.8	52.2#

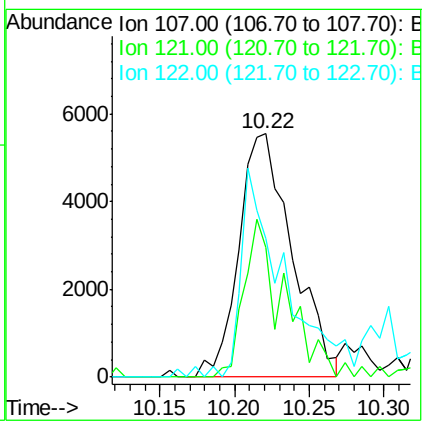


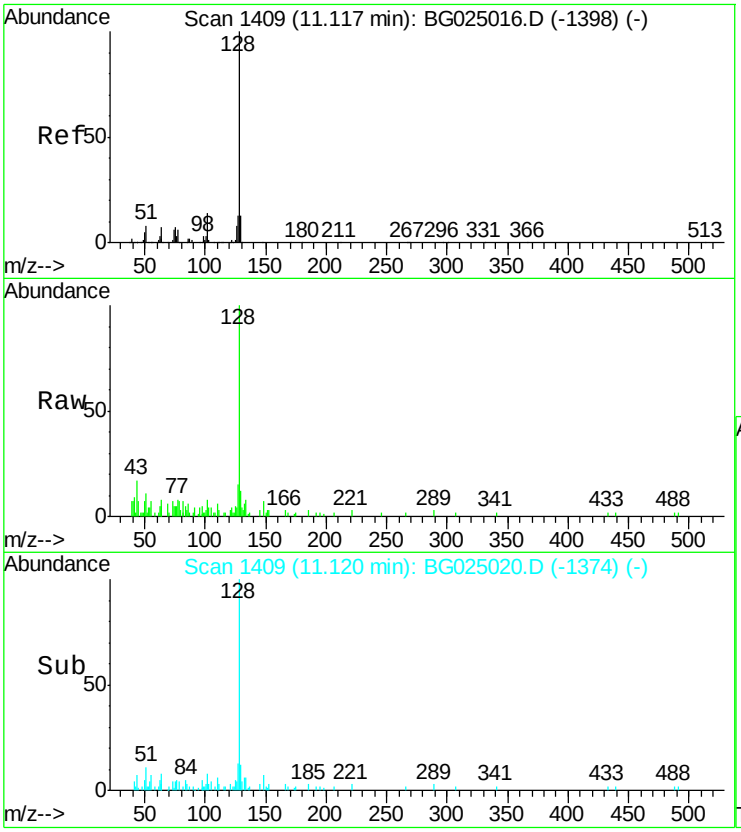


#24
2,4-Dimethylphenol
Concen: 1.80 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:107 Resp: 13745

Ion	Ratio	Lower	Upper
107	100		
121	53.2	32.3	48.5#
122	56.9	61.2	91.8#



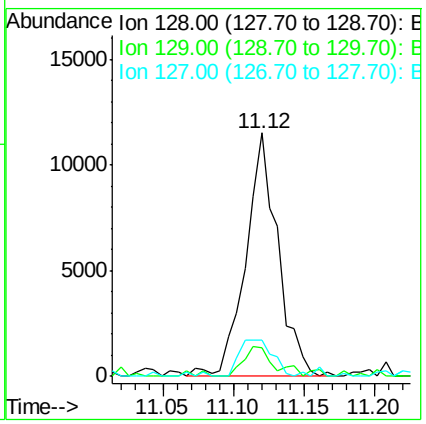


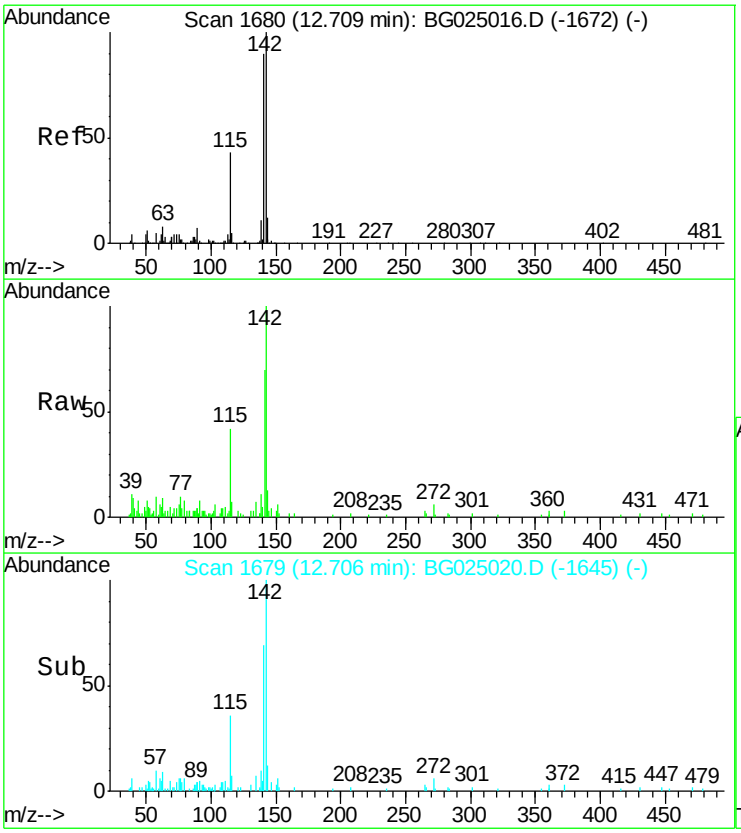
#28
Naphthalene
Concen: 1.06 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:128 Resp: 18411

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.9	10.3	15.5

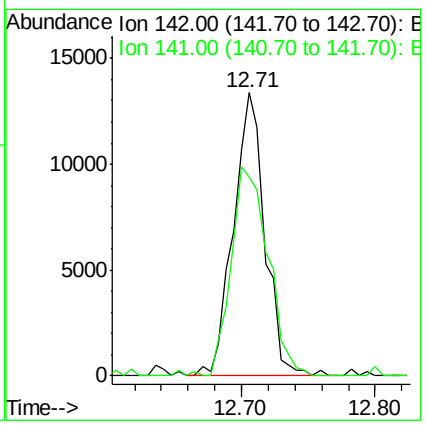


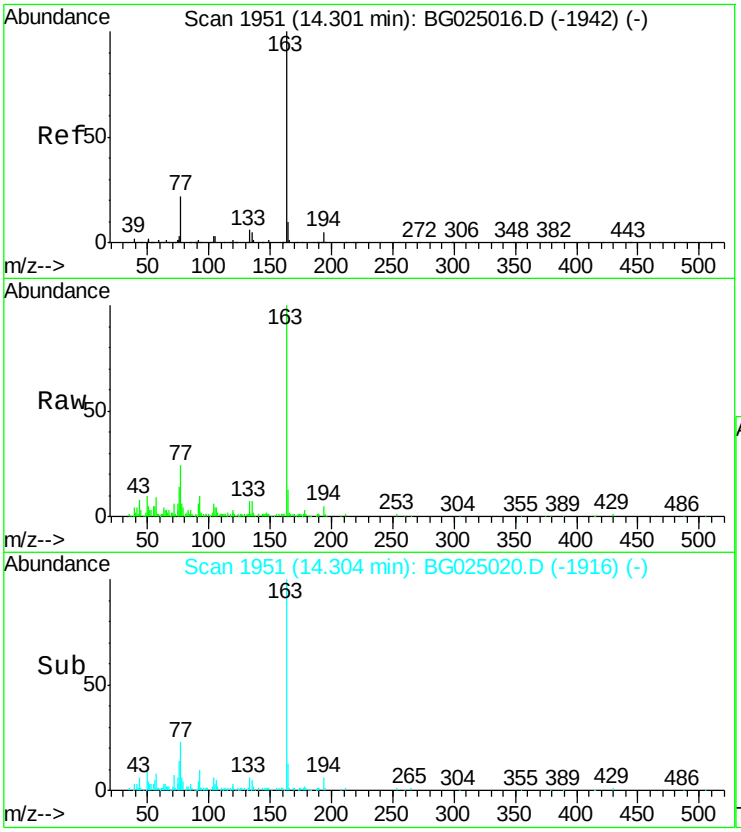


#34
2-Methylnaphthalene
Concen: 1.59 ng/ul
RT: 12.71 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:142 Resp: 21823

Ion	Ratio	Lower	Upper
142	100		
141	70.1	68.6	102.8



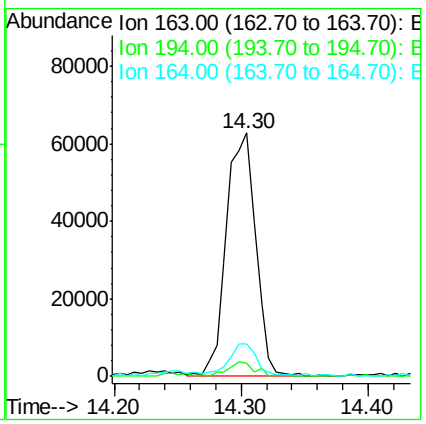


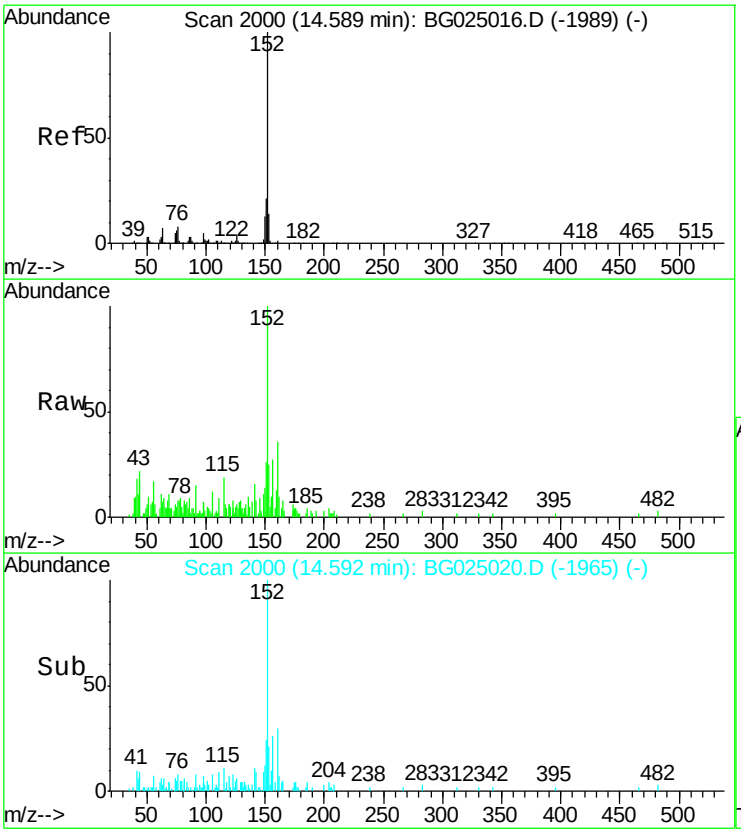
#44
Dimethylphthalate
Concen: 4.70 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:163 Resp: 100842

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.0#
164	13.3	9.0	13.4

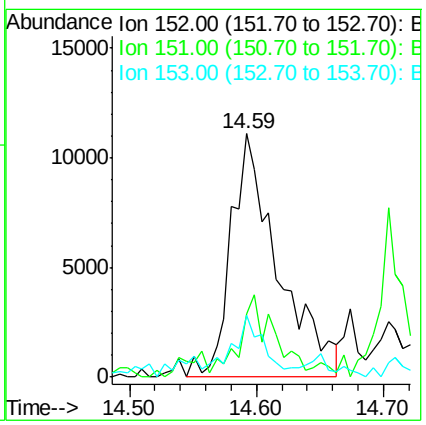


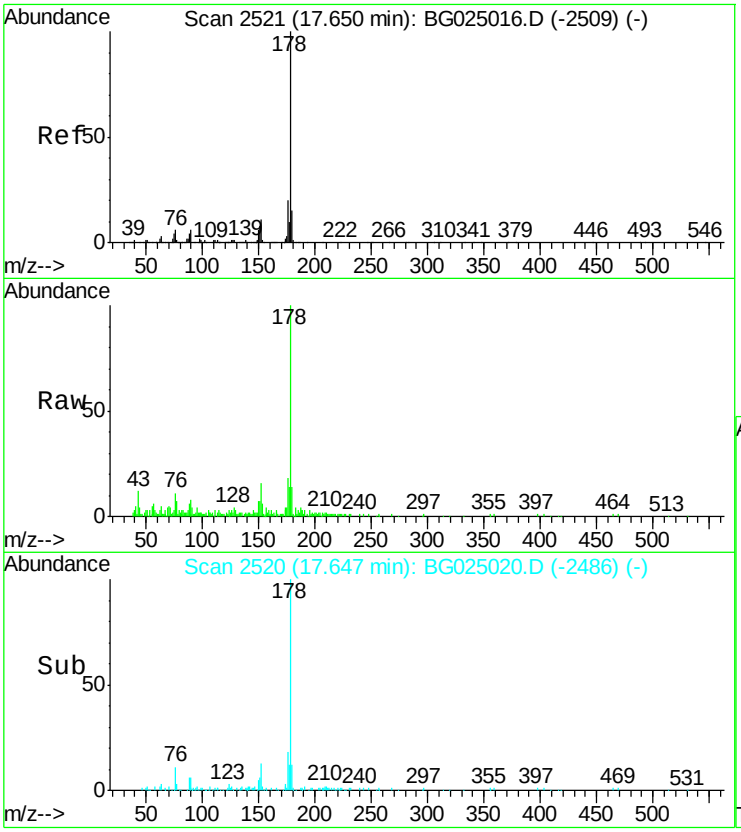


#47
Acenaphthylene
Concen: 1.23 ng/ul
RT: 14.59 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:152 Resp: 28572

Ion	Ratio	Lower	Upper
152	100		
151	25.7	16.7	25.1#
153	25.2	11.4	17.2#



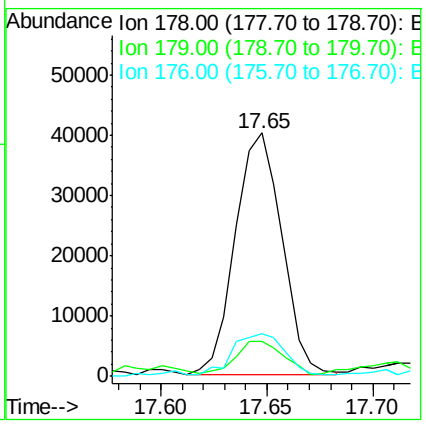


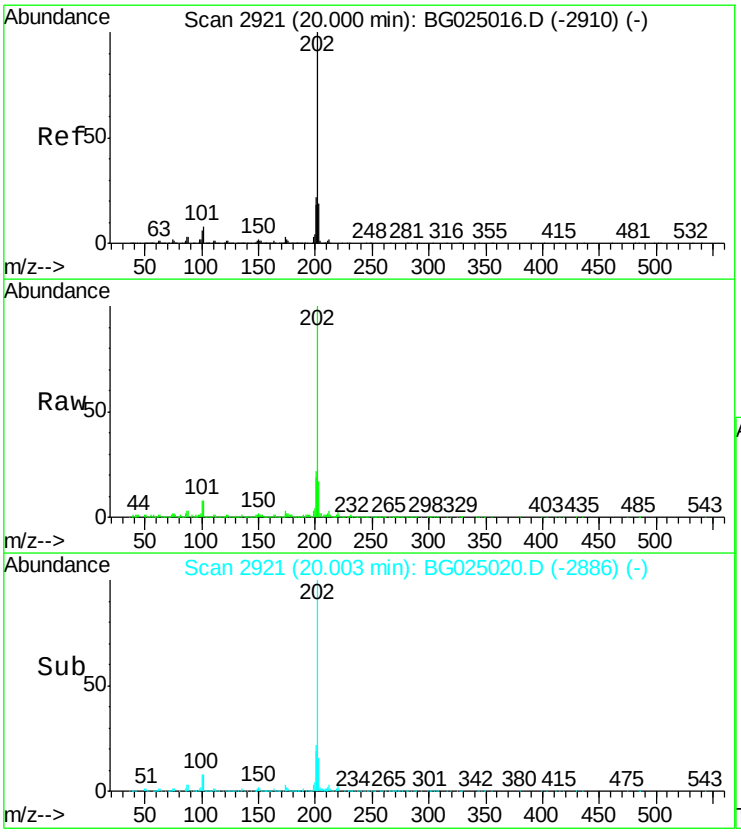
#69
Phenanthrene
Concen: 1.54 ng/ul
RT: 17.65 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:178 Resp: 61108

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.4	18.6
176	17.7	16.5	24.7

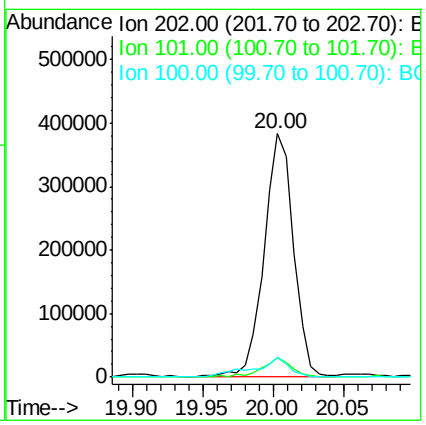


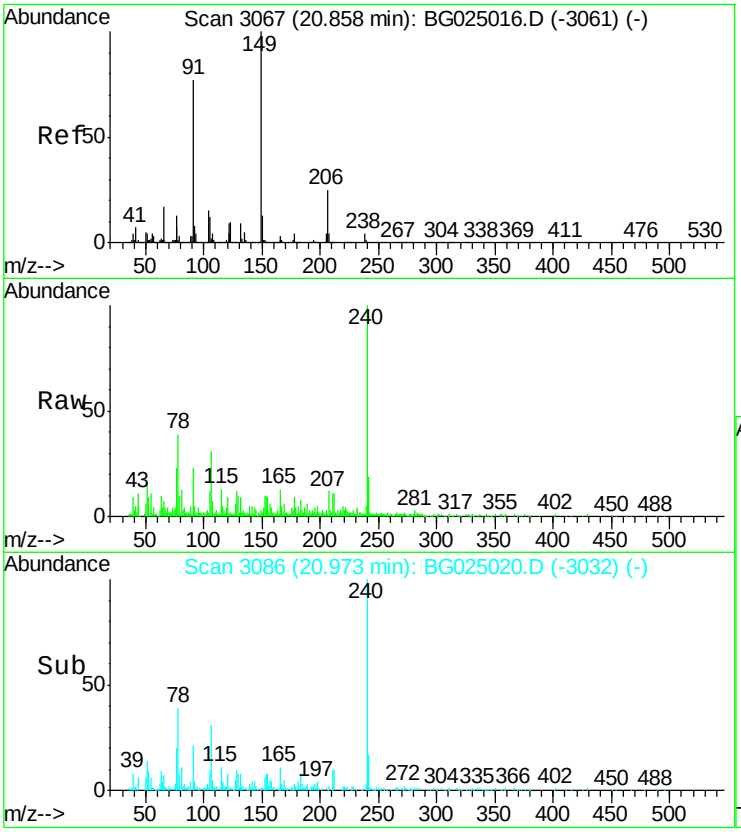


#77
Pyrene
Concen: 8954.51 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:202 Resp: 554003

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.9	10.3
100	7.9	6.6	10.0



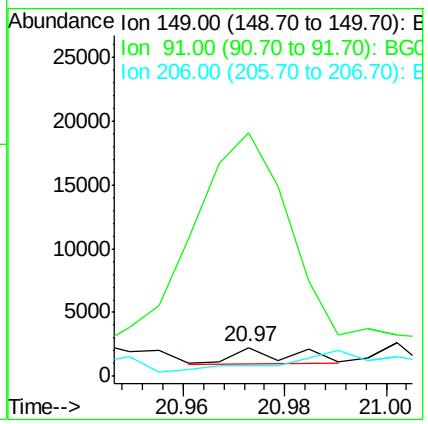


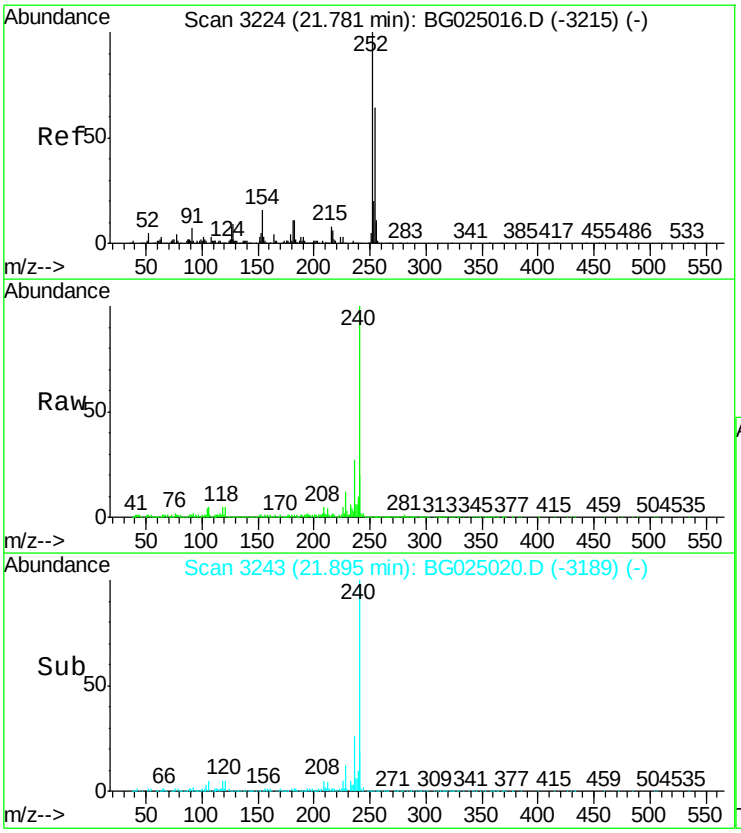
#78
Butylbenzylphthalate
Concen: 44.21 ng/ul
RT: 20.97 min Scan# 3086
Delta R.T. 0.11 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:149 Resp: 1071

Ion	Ratio	Lower	Upper
149	100		
91	840.5	65.8	98.6#
206	38.7	20.1	30.1#

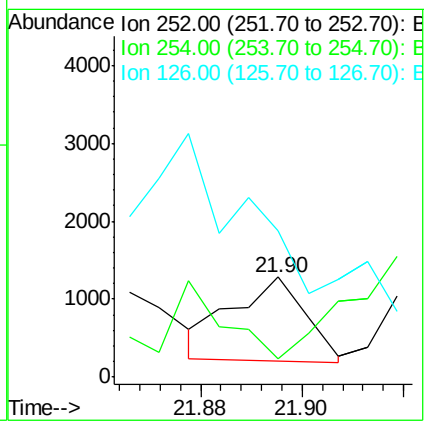


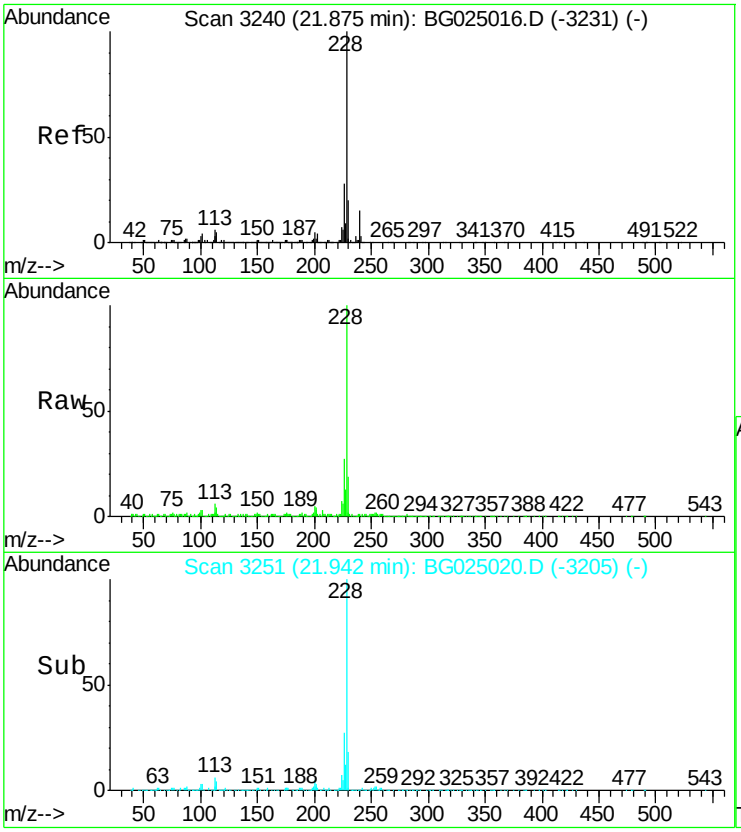


#79
3,3'-Dichlorobenzidine
Concen: 47.78 ng/ul
RT: 21.90 min Scan# 3243
Delta R.T. 0.11 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:252 Resp: 1072

Ion	Ratio	Lower	Upper
252	100		
254	17.7	49.0	73.6#
126	146.3	5.1	7.7#



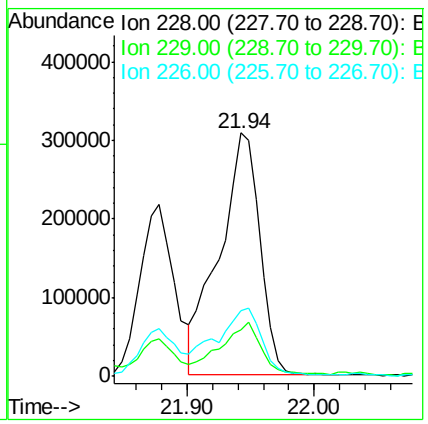


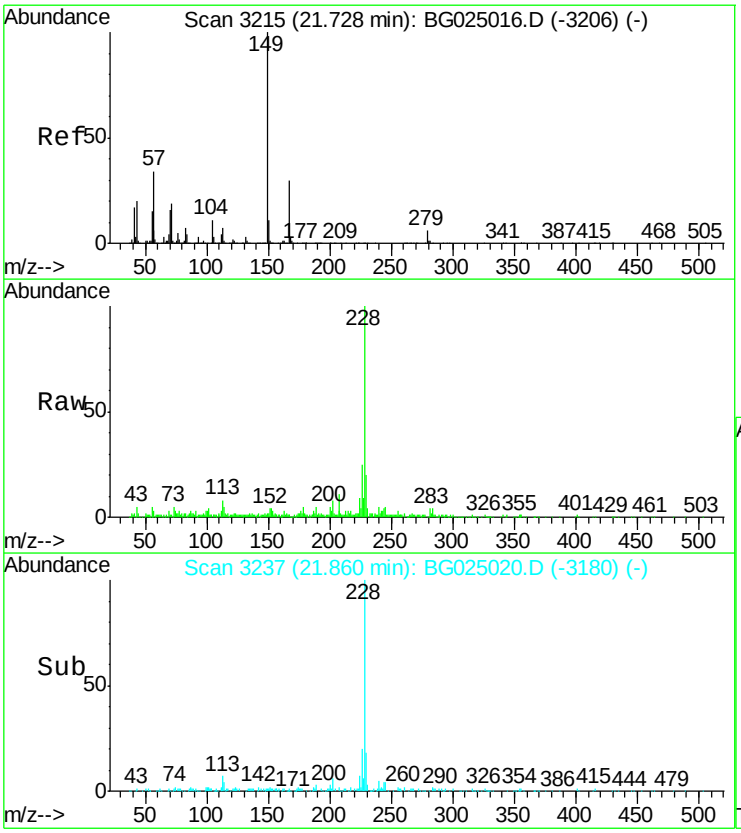
#80
Benzo(a)anthracene
Concen: 10187.73 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. 0.07 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:228 Resp: 681214

Ion	Ratio	Lower	Upper
228	100		
229	19.1	16.3	24.5
226	27.1	21.9	32.9

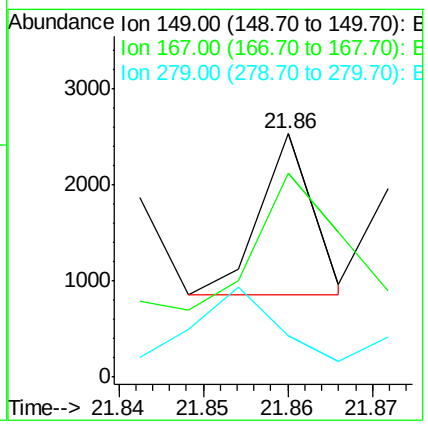


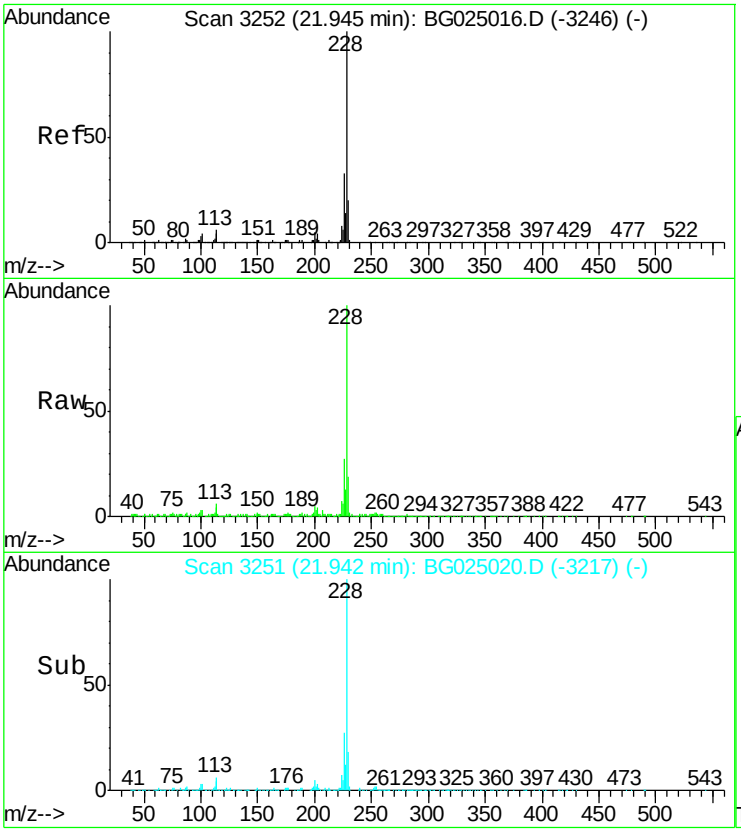


#81
Bis(2-ethylhexyl)phthalate
Concen: 21.48 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.13 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:149 Resp: 716

Ion	Ratio	Lower	Upper
149	100		
167	83.9	21.8	32.8#
279	16.9	4.5	6.7#



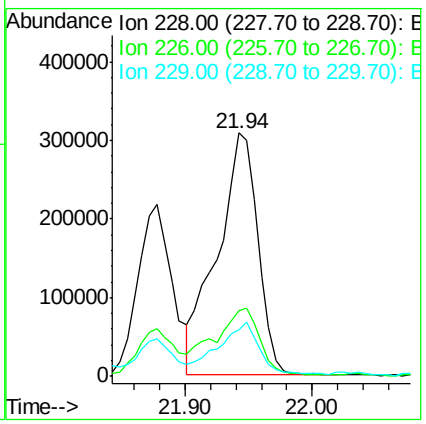


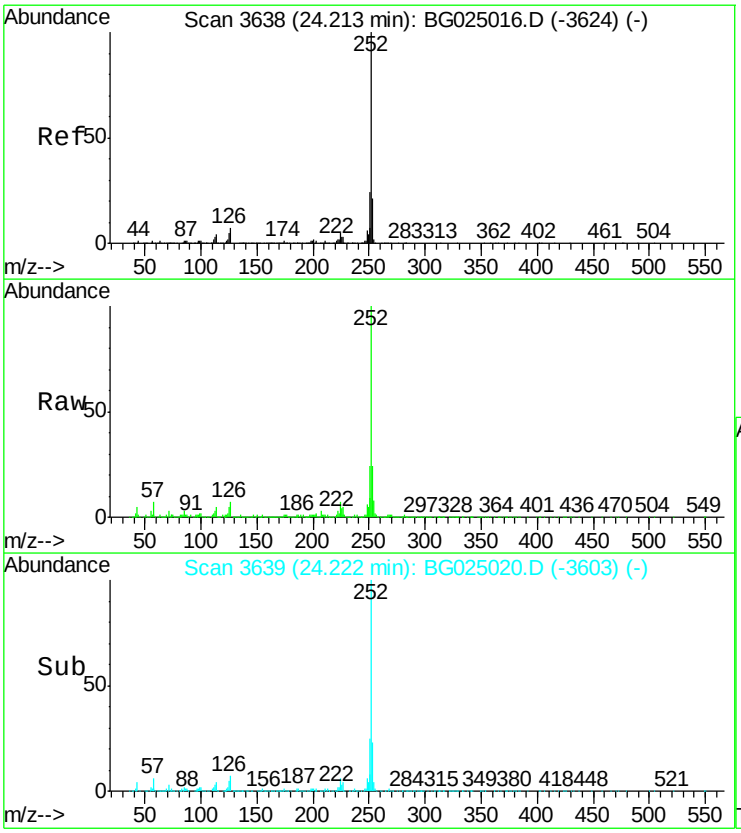
#82
Chrysene
Concen: 10891.76 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:228 Resp: 681214

Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.0	36.0
229	19.1	16.9	25.3

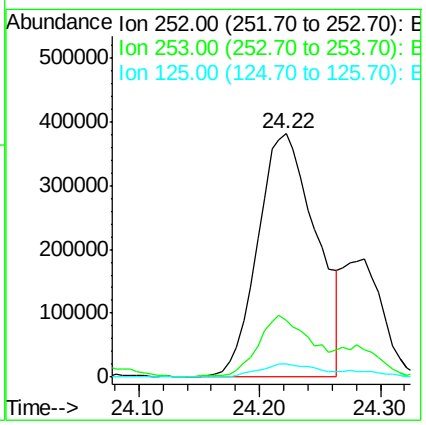


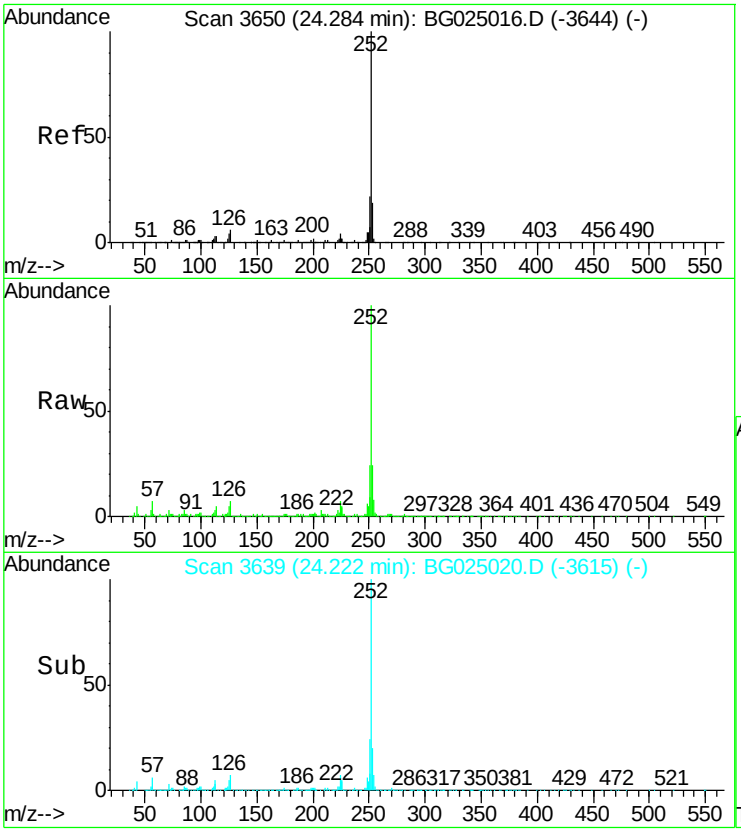


#85
Benzo(b)fluoranthene
Concen: 25.22 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. 0.01 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:252 Resp: 1276518

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	5.2	4.0	6.0



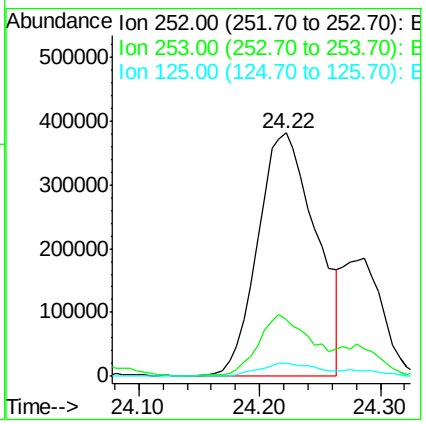


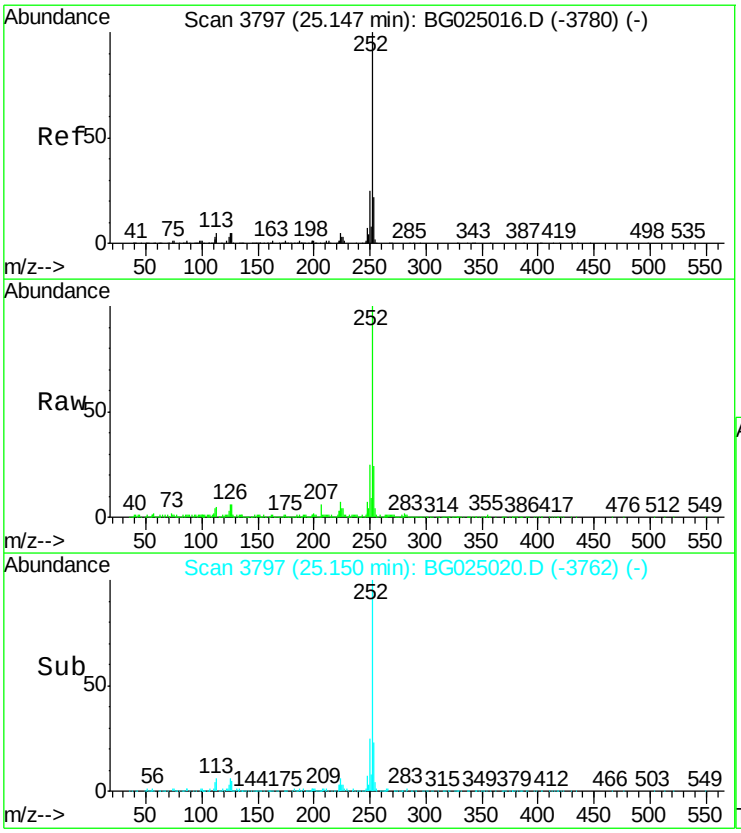
#86
Benzo(k)fluoranthene
Concen: 26.53 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. -0.06 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:252 Resp: 1276518

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	5.2	4.1	6.1

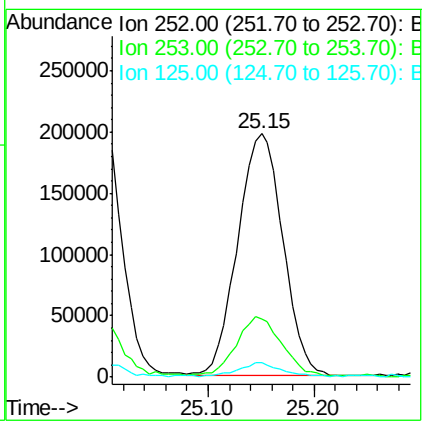


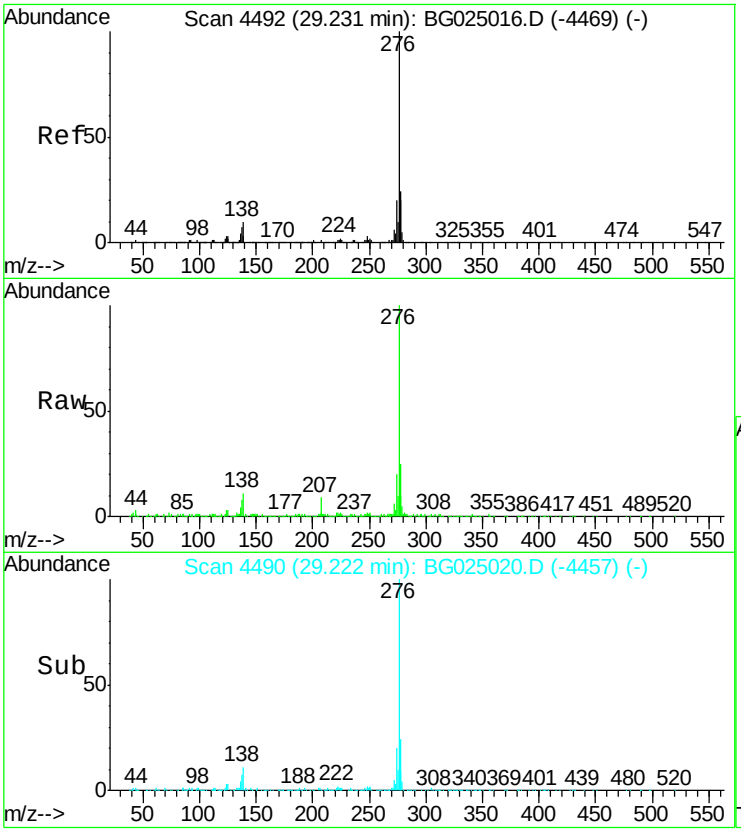


#88
Benzo(a)pyrene
Concen: 12.02 ng/ul
RT: 25.15 min Scan# 3797
Delta R.T. 0.00 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:252 Resp: 584995

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	5.8	5.4	8.0



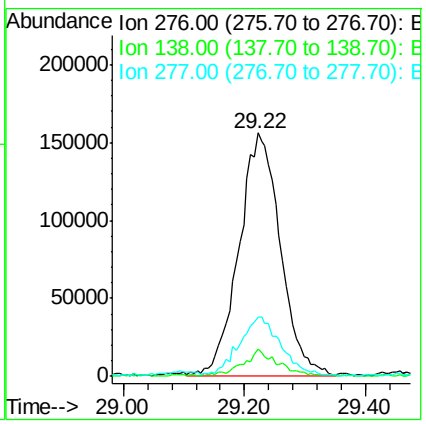


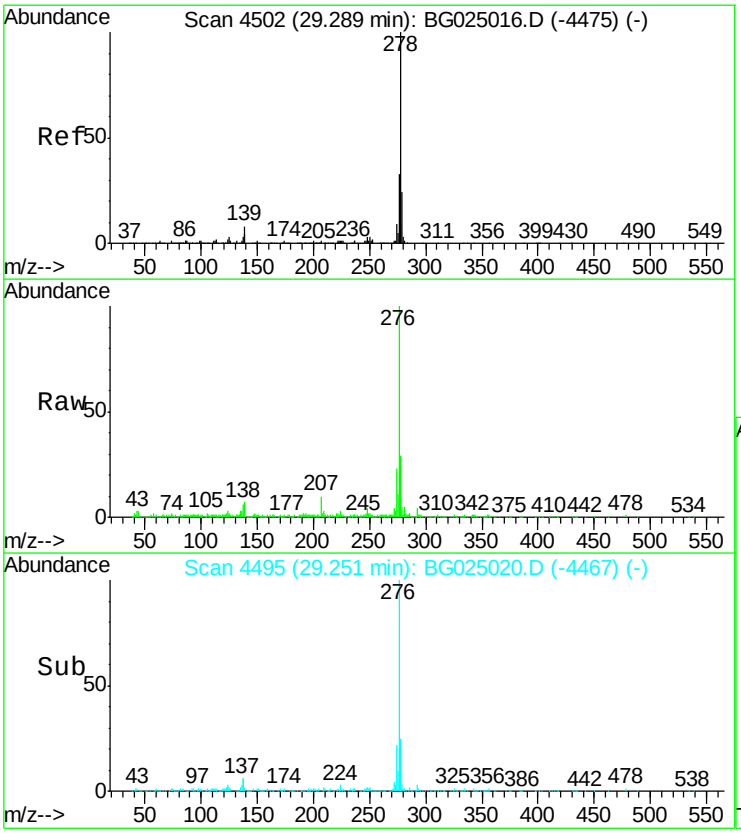
#89
Indeno(1,2,3-cd)pyrene
Concen: 12.21 ng/ul
RT: 29.22 min Scan# 4490
Delta R.T. -0.01 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:276 Resp: 738482

Ion	Ratio	Lower	Upper
276	100		
138	11.4	8.2	12.4
277	24.6	18.6	28.0

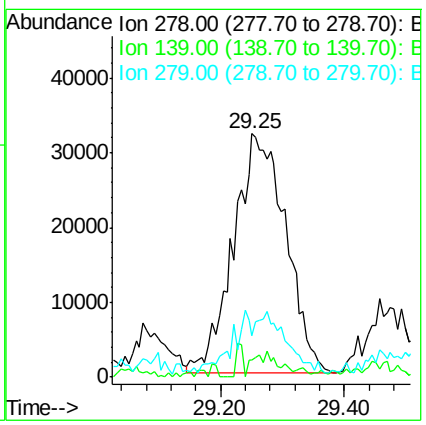


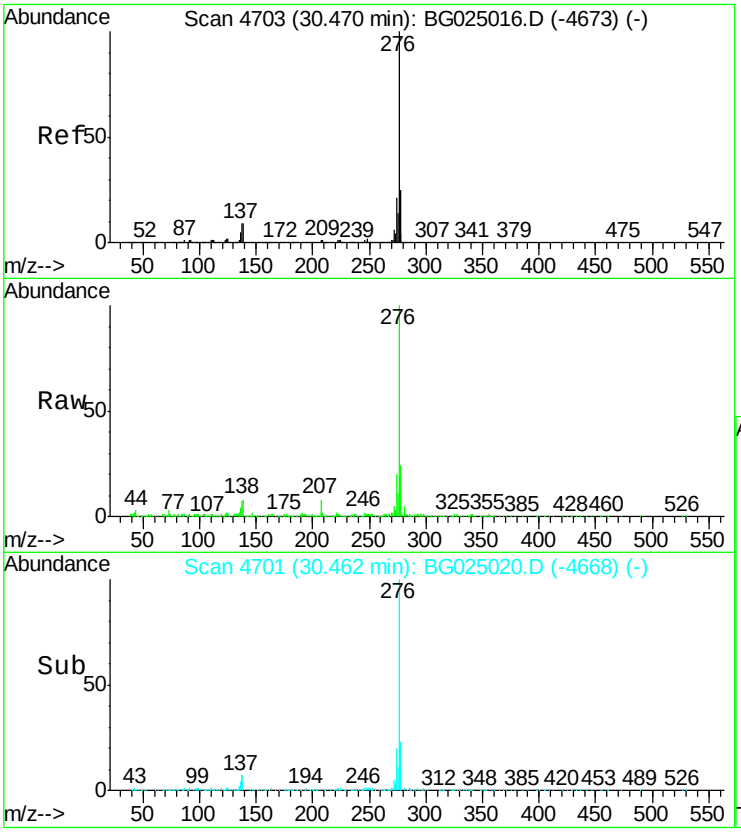


#90
Dibenzo(a,h)anthracene
Concen: 3.69 ng/ul
RT: 29.25 min Scan# 4495
Delta R.T. -0.04 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Tgt Ion:278 Resp: 187869

Ion	Ratio	Lower	Upper
278	100		
139	6.8	6.7	10.1
279	16.9	20.9	31.3#





#91
Benzo(g,h,i)perylene
Concen: 13.15 ng/ul
RT: 30.46 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BG025020.D
Acq: 8 Dec 2016 23:55

Instrument :
BNA_G
ClientSampleId :
DA7Y8

Tgt Ion:276 Resp: 663925

Ion	Ratio	Lower	Upper
276	100		
138	7.6	8.6	12.8#
277	23.6	17.6	26.4