Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\

Quantitation Report (Not Reviewed)

Data File : BG026930.D
Acq On : 10 May 2017 2:53
Operator : SJ/MA
Sample : I2842-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC45

Quant Time: May 10 04:08:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	201539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	978531	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	516293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	933342	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	840917	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	951403	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	14339	3.20	ng/uL	0.00
5) Phenol-d5	7.18	99	402521	22.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	232124	21.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	320090	20.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	340349	22.80	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	168826	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	183740	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	295510	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	361597	19.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	856364	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1163551	22.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	132046	17.63	ng/ul	0.00
57) Fluorene-d10	15.60	176	735368	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	63804	11.26	ng/ul	0.00
70) Anthracene-d10	17.45	188	976929	21.57	ng/ul	0.00
76) Pyrene-d10	19.73	212	950035	21.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	951015	21.14	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	36982	2.03	ng/ul#	81
28) Naphthalene	10.85	128	494324	9.70	ng/ul	99
34) 2-Methylnaphthalene	12.45	142	251436	6.65	ng/ul	97
40) 1,1'-Biphenyl	13.45	154	70391	1.62	ng/ul	99
44) Dimethylphthalate	14.06	163	381095	9.37	ng/ul	98
49) Acenaphthene	14.68	153	330601	8.94	ng/ul	96
53) Dibenzofuran	15.01	168	487502	9.90	ng/ul	95
58) Fluorene	15.66	166	468549	11.66	ng/ul	98
69) Phenanthrene	17.48	178	1235447	23.50	ng/ul	99
71) Anthracene	17.48	178	1235447	22.90	ng/ul	99
72) Carbazole	17.75	167	502708	11.02	ng/ul	96
74) Fluoranthene	19.40	202	3387352	69.40	ng/ul#	66
77) Pyrene	19.76	202	2870473	50.88	ng/ul#	66
80) Benzo(a)anthracene	21.58	228	1769899	35.99	ng/ul	93
82) Chrysene	21.64	228	1549553	33.92	ng/ul	96
85) Benzo(b)fluoranthene	23.77	252	2026277	37.27	ng/ul#	90
86) Benzo(k)fluoranthene	23.77	252	2026277	37.93	ng/ul#	92
88) Benzo(a)pyrene	24.62	252	1515609	28.33	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	28.37	276	870757	13.73	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.40	278	228443	4.25	ng/ul#	86
91) Benzo(g,h,i)perylene	29.49	276	697322	13.26	ng/ul#	76

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\

Quantitation Report (Not Reviewed)

Data File : BG026930.D
Acq On : 10 May 2017 2:53
Operator : SJ/MA
Sample : I2842-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDC45

Quant Time: May 10 04:08:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

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

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

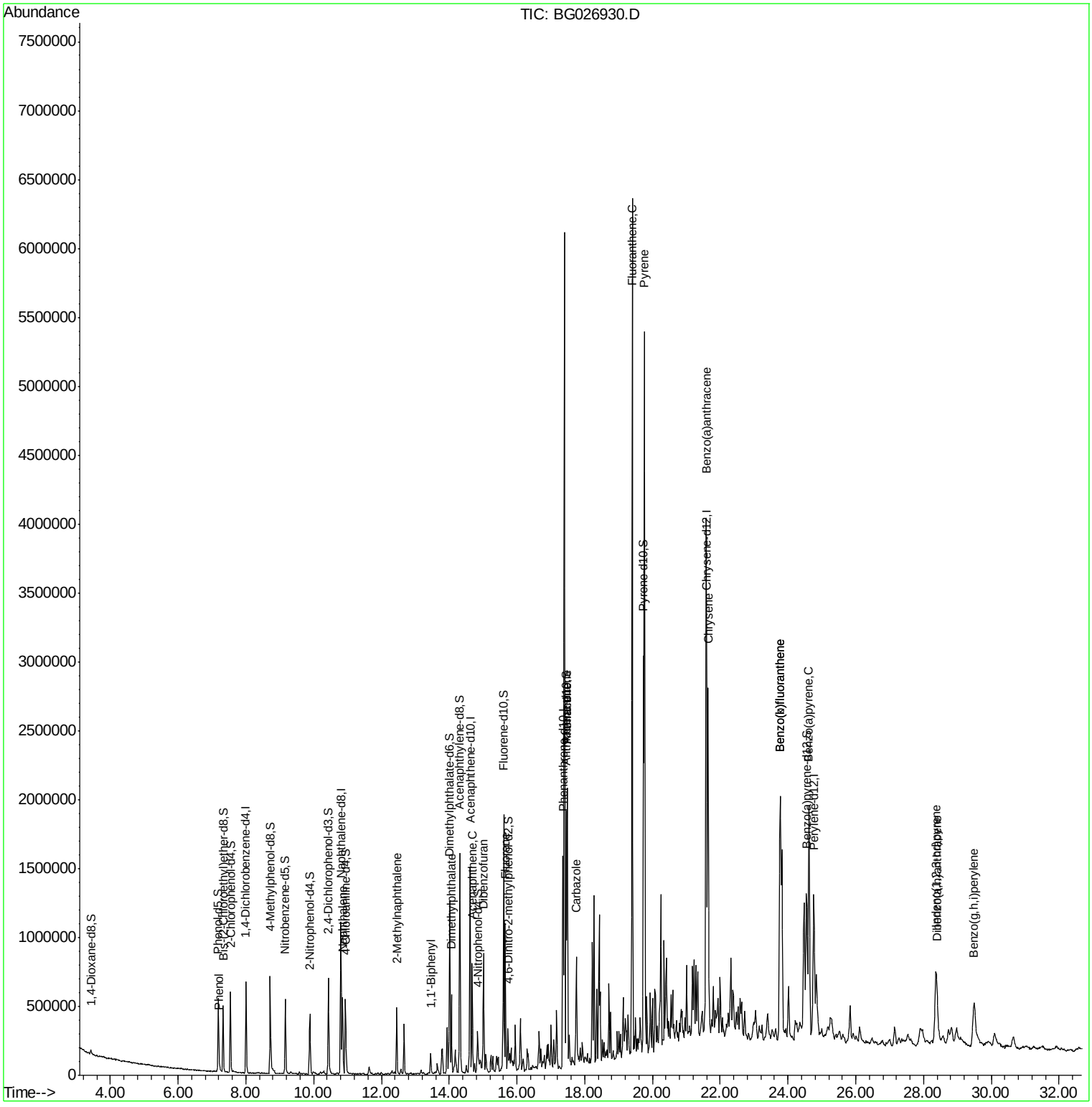
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\

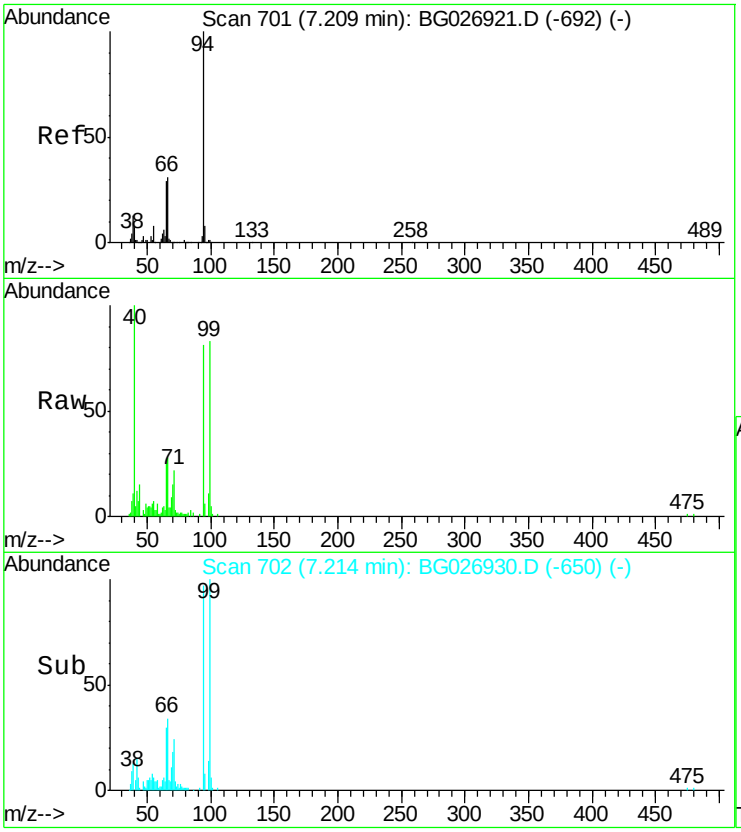
Quantitation Report (Not Reviewed)

Data File : BG026930.D
Acq On : 10 May 2017 2:53
Operator : SJ/MA
Sample : I2842-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC45

Quant Time: May 10 04:08:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration



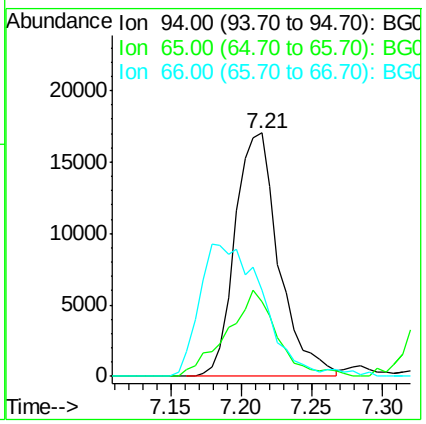


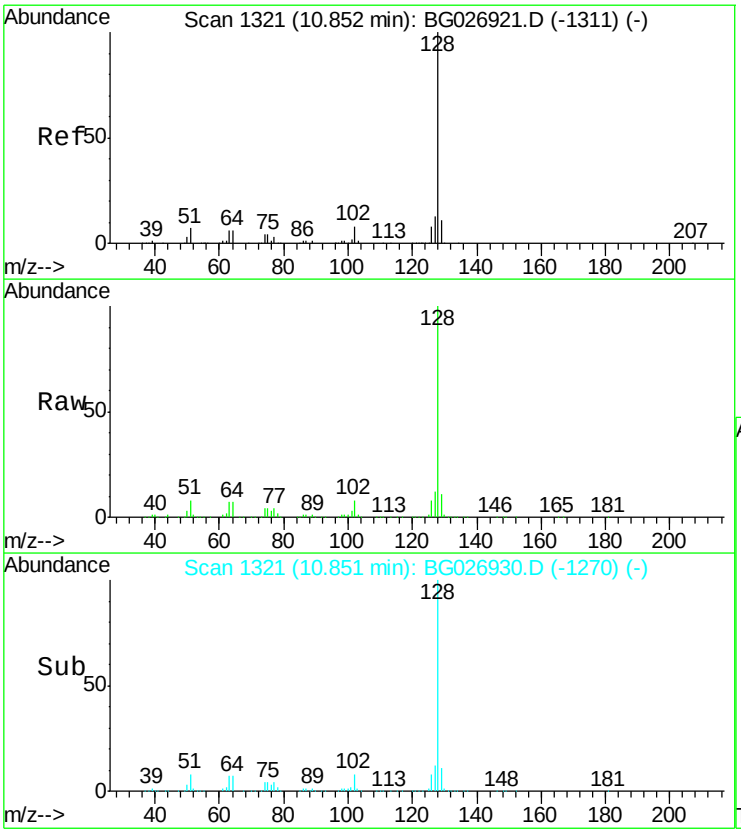
#6
Phenol
Concen: 2.03 ng/ul
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion: 94 Resp: 36982

Ion	Ratio	Lower	Upper
94	100		
65	30.6	26.8	40.2
66	35.2	44.4	66.6#

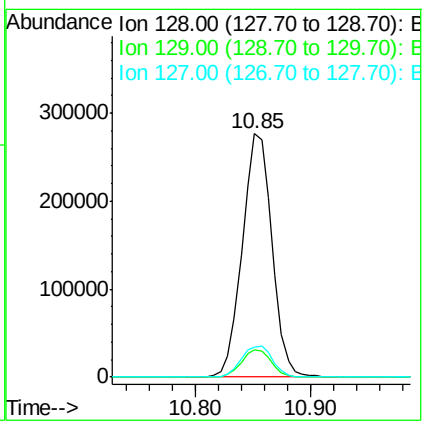


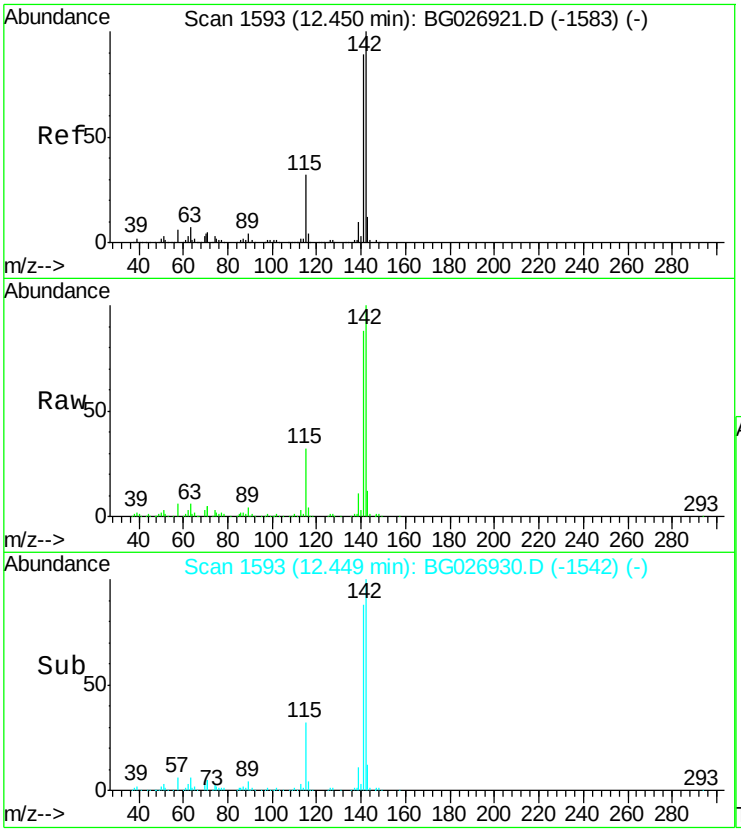


#28
Naphthalene
Concen: 9.70 ng/ul
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:128 Resp: 494324

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	12.4	10.3	15.5



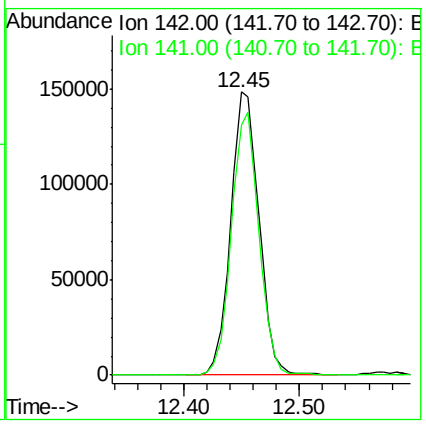


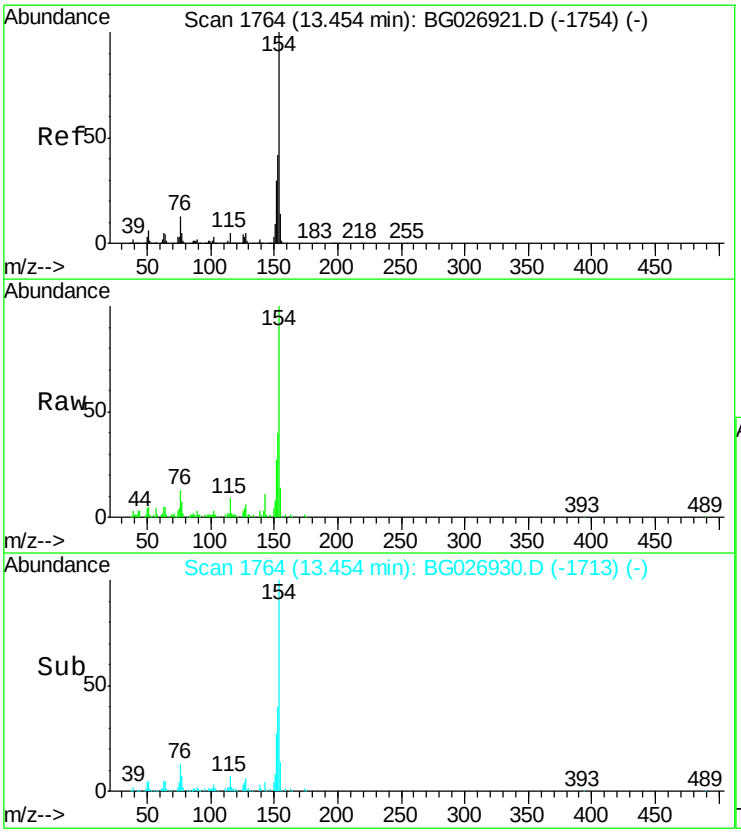
#34
2-Methylnaphthalene
Concen: 6.65 ng/ul
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:142 Resp: 251436

Ion	Ratio	Lower	Upper
142	100		
141	88.4	68.6	102.8

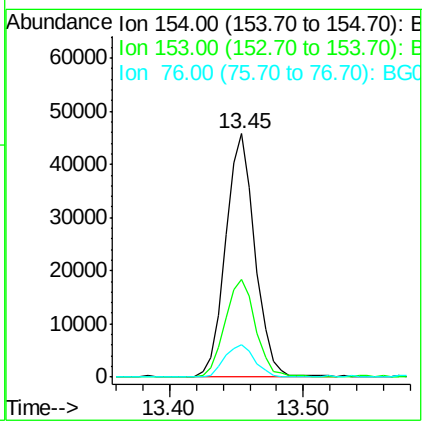


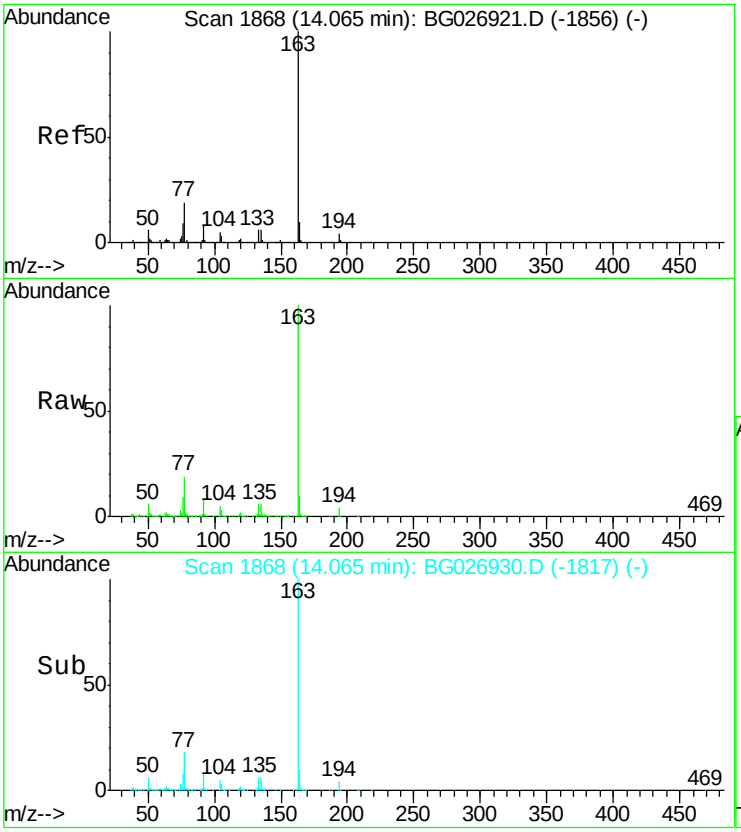


#40
1,1'-Biphenyl
Concen: 1.62 ng/ul
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:154 Resp: 70391

Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.2	48.2
76	13.1	9.6	14.4



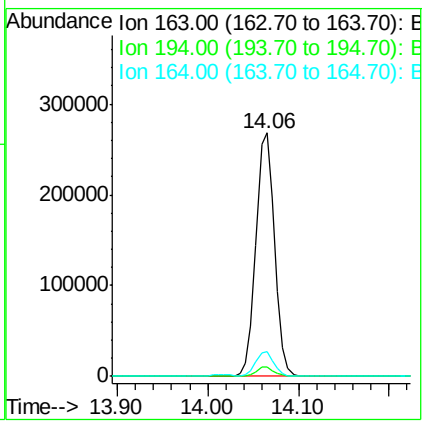


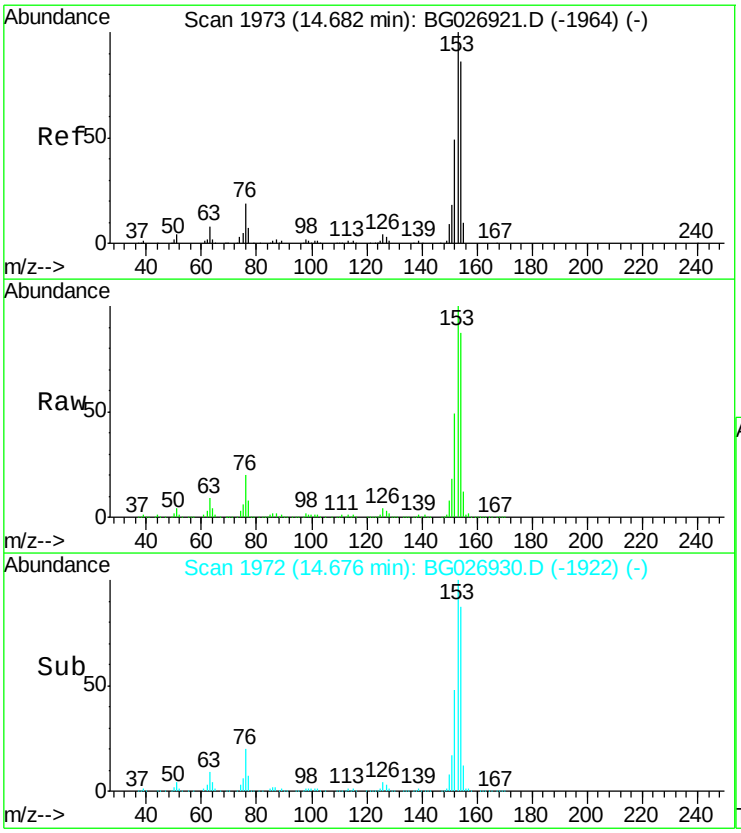
#44
Dimethylphthalate
Concen: 9.37 ng/ul
RT: 14.06 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:163 Resp: 381095

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.1	9.0	13.4

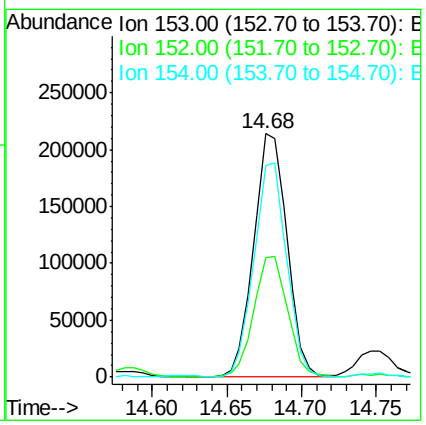


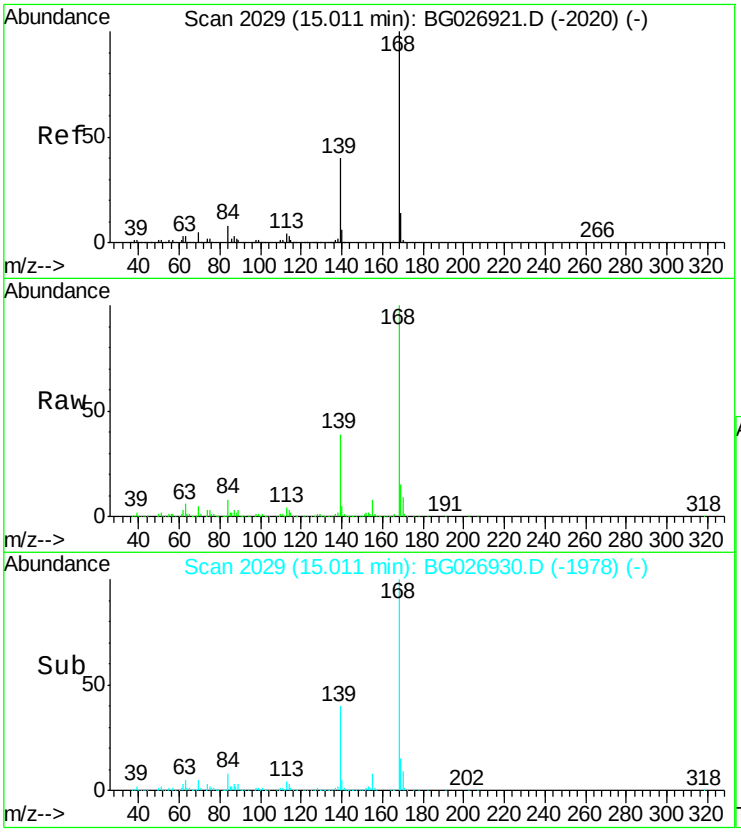


#49
Acenaphthene
Concen: 8.94 ng/ul
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:153 Resp: 330601

Ion	Ratio	Lower	Upper
153	100		
152	48.9	36.5	54.7
154	87.0	72.3	108.5



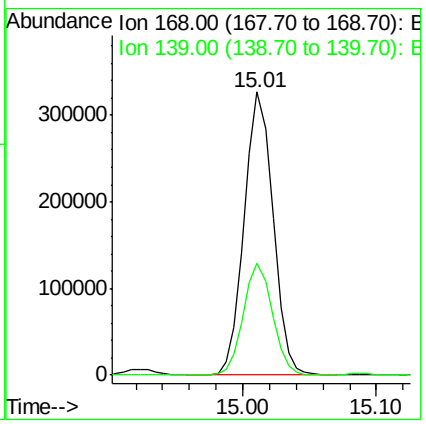


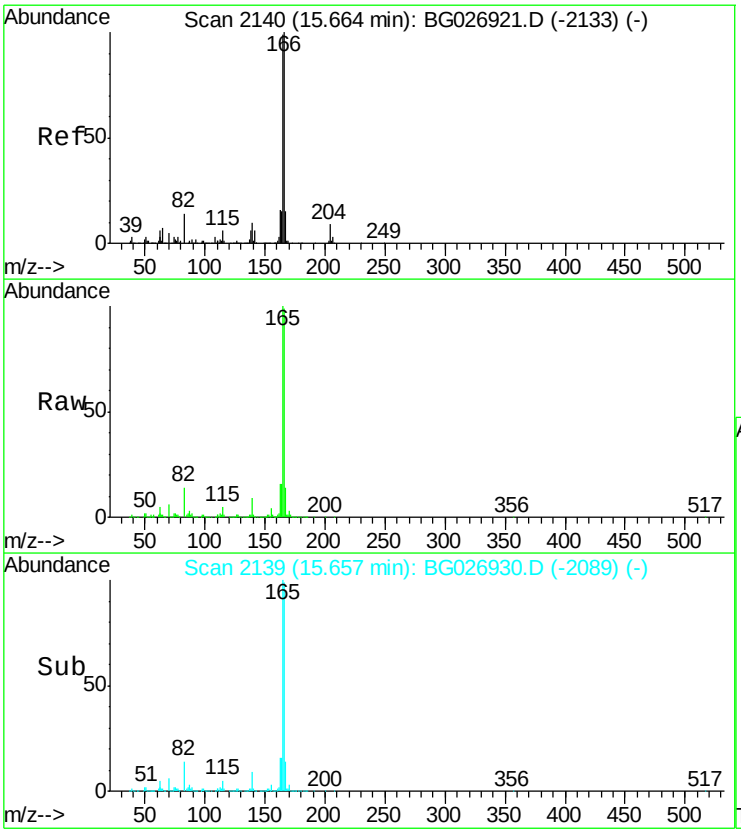
#53
Dibenzofuran
Concen: 9.90 ng/ul
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:168 Resp: 487502

Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.8	50.8

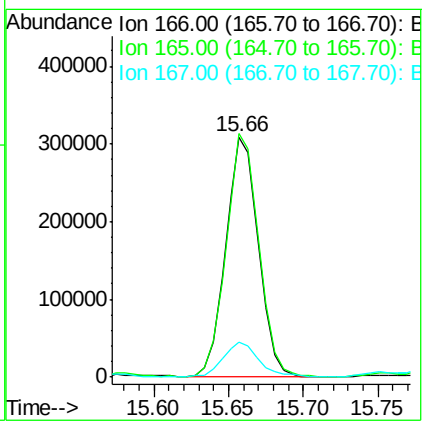


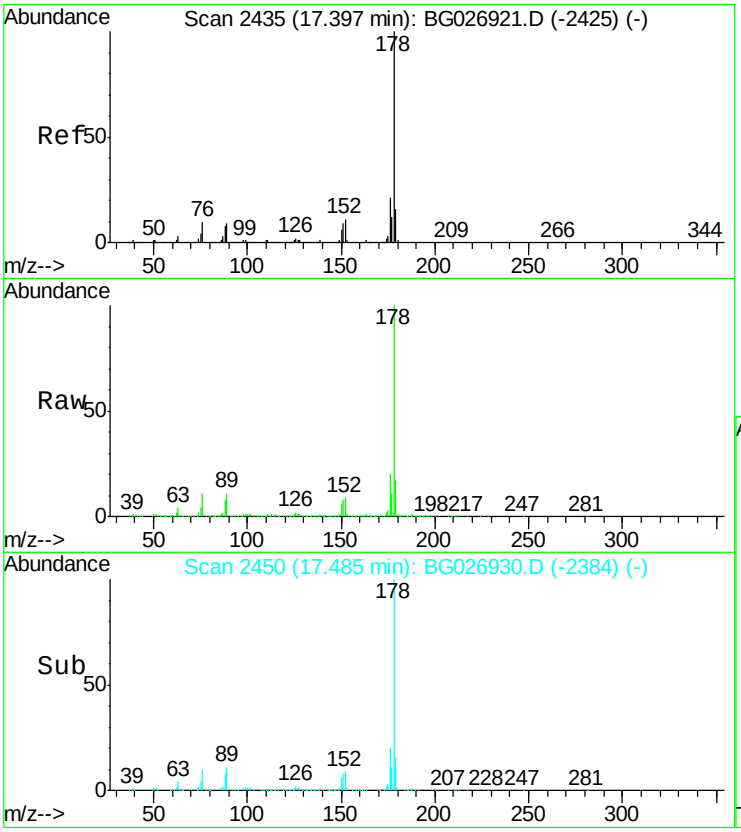


#58
Fluorene
Concen: 11.66 ng/ul
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:166 Resp: 468549

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.7	119.5
167	14.5	11.4	17.2



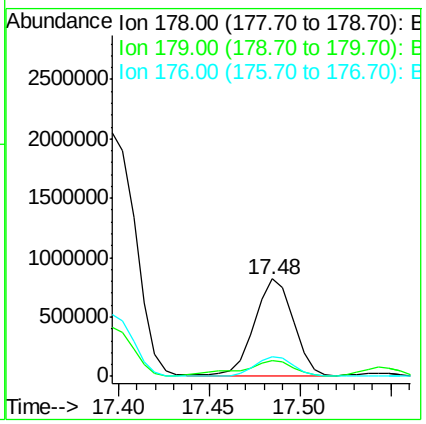


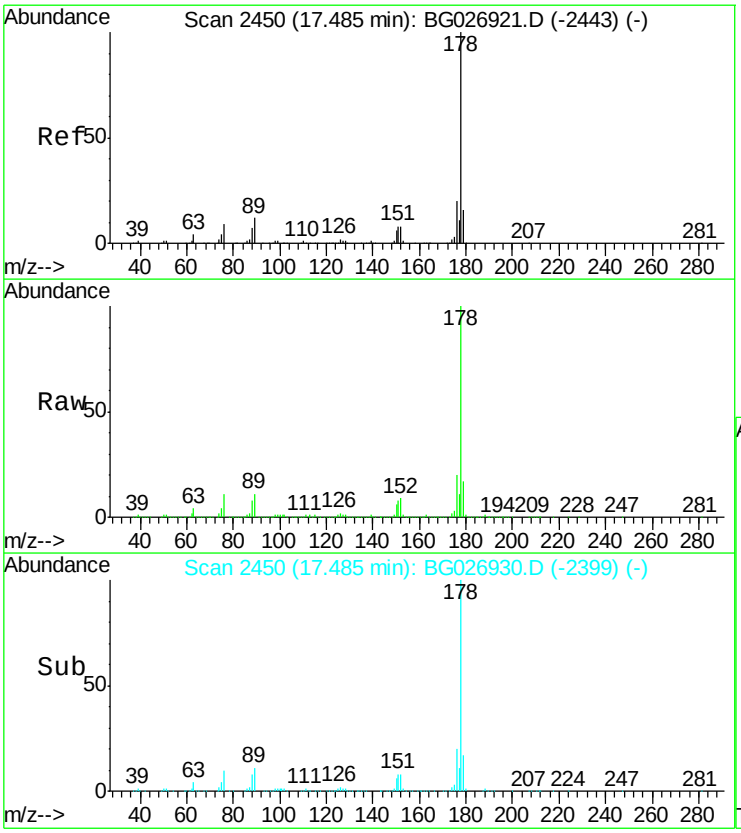
#69
Phenanthrene
Concen: 23.50 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. 0.09 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:178 Resp: 1235447

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.4	18.6
176	20.3	16.5	24.7

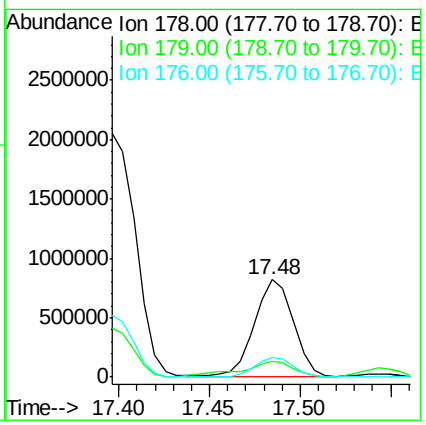


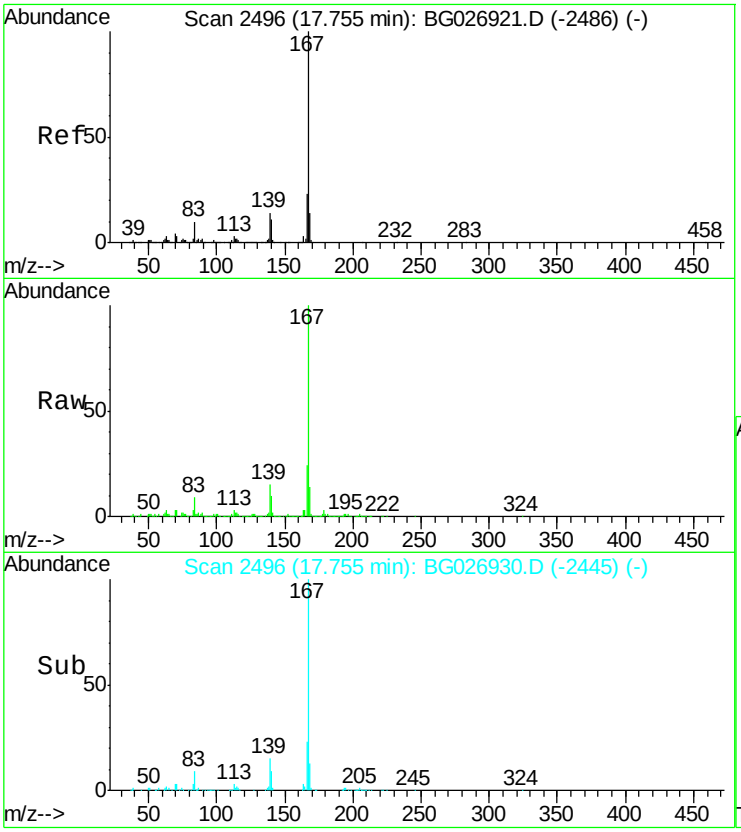


#71
Anthracene
Concen: 22.90 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:178 Resp: 1235447

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	20.3	15.9	23.9



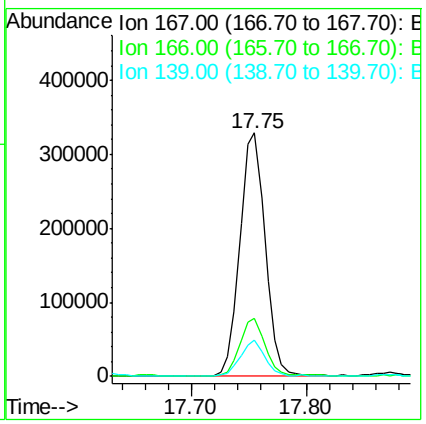


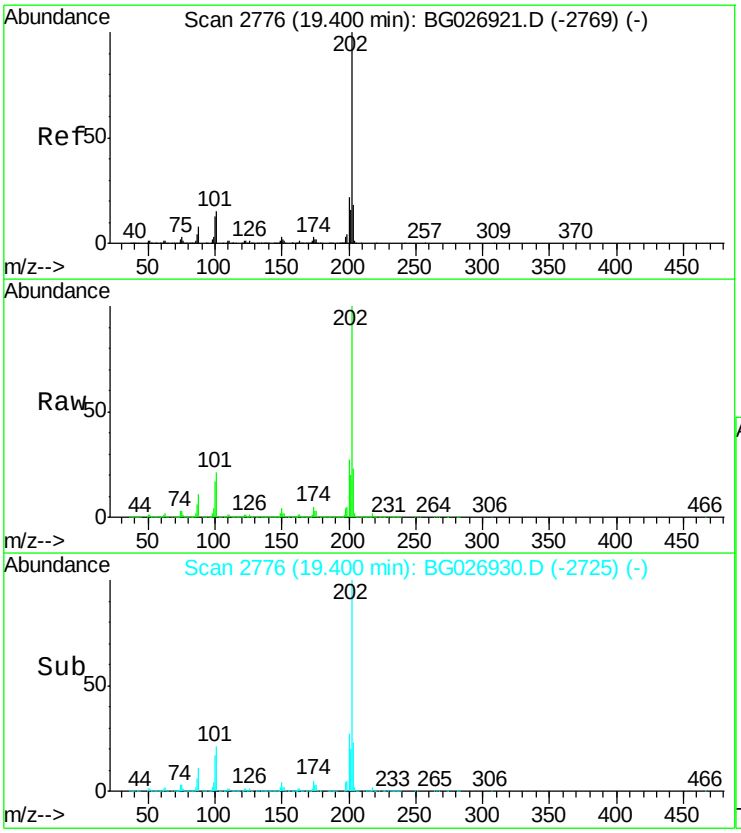
#72
Carbazole
Concen: 11.02 ng/ul
RT: 17.75 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:167 Resp: 502708

Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.9	26.9
139	15.0	10.5	15.7

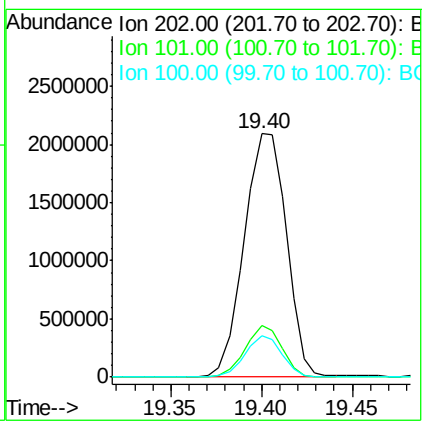


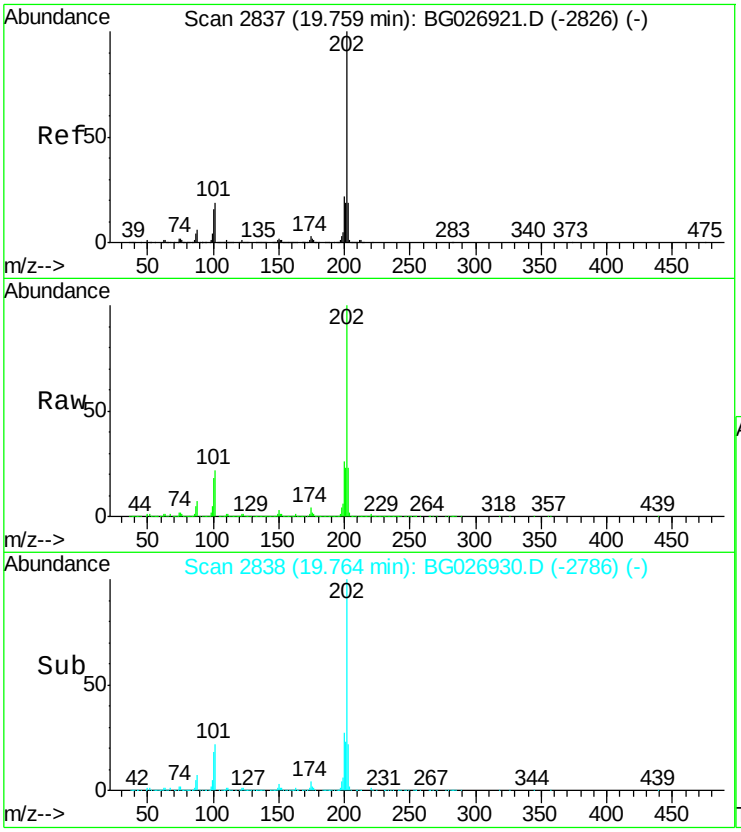


#74
Fluoranthene
Concen: 69.40 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:202 Resp: 3387352

Ion	Ratio	Lower	Upper
202	100		
101	21.0	6.2	9.2#
100	16.8	5.2	7.8#



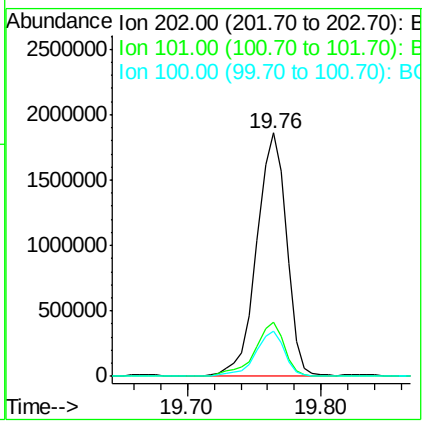


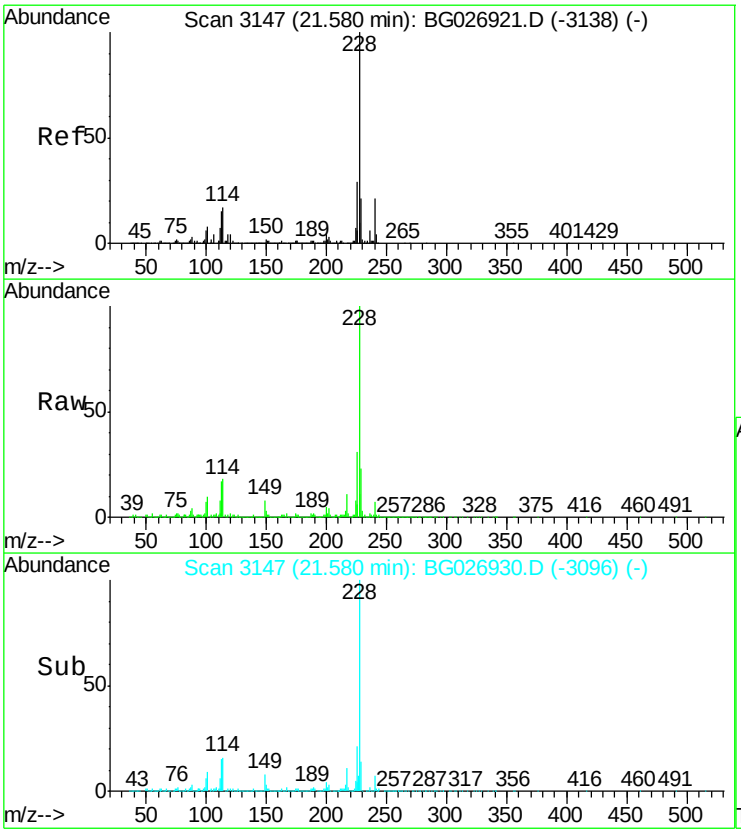
#77
Pyrene
Concen: 50.88 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:202 Resp: 2870473

Ion	Ratio	Lower	Upper
202	100		
101	22.4	6.9	10.3#
100	18.4	6.6	10.0#

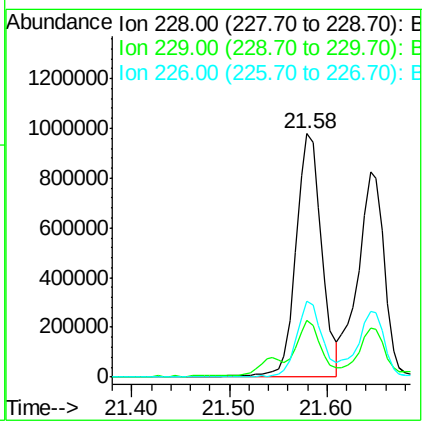


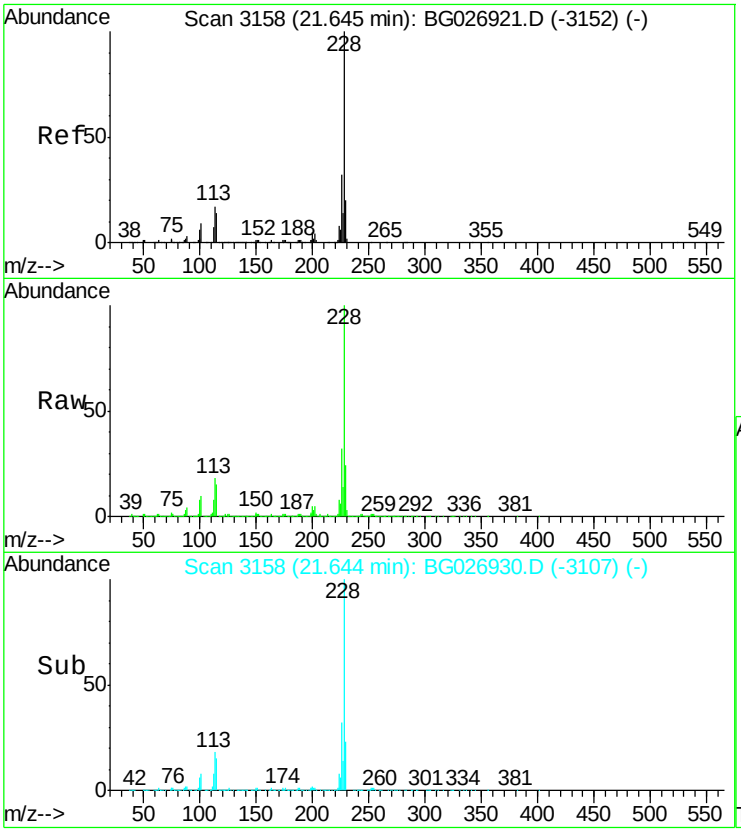


#80
Benzo(a)anthracene
Concen: 35.99 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:228 Resp: 1769899

Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.3	24.5
226	31.2	21.9	32.9



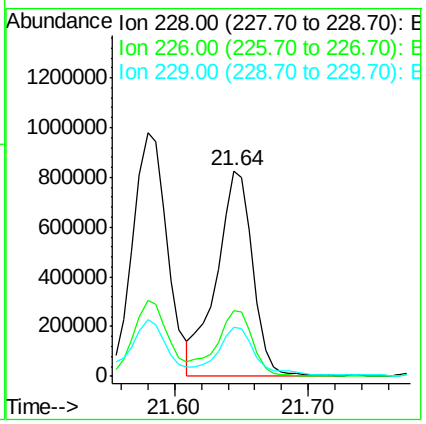


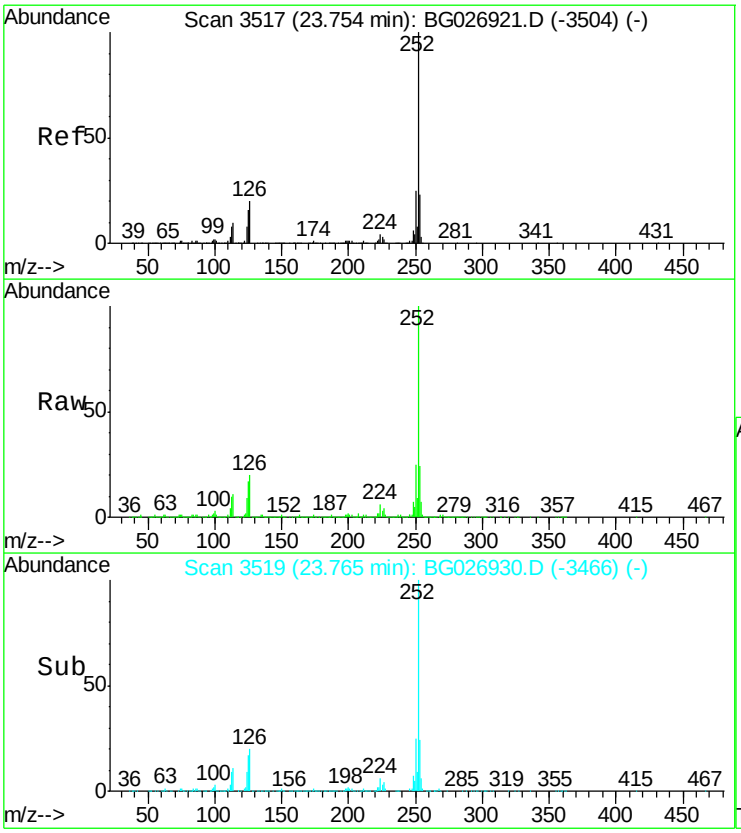
#82
Chrysene
Concen: 33.92 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:228 Resp: 1549553

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	23.6	16.9	25.3

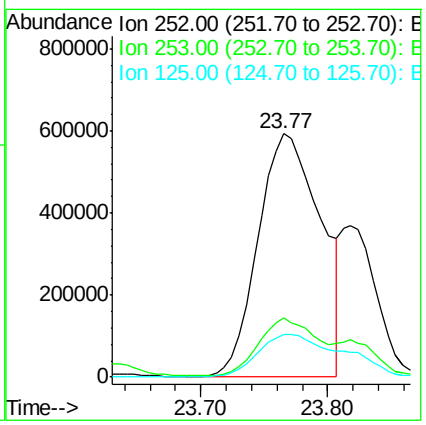


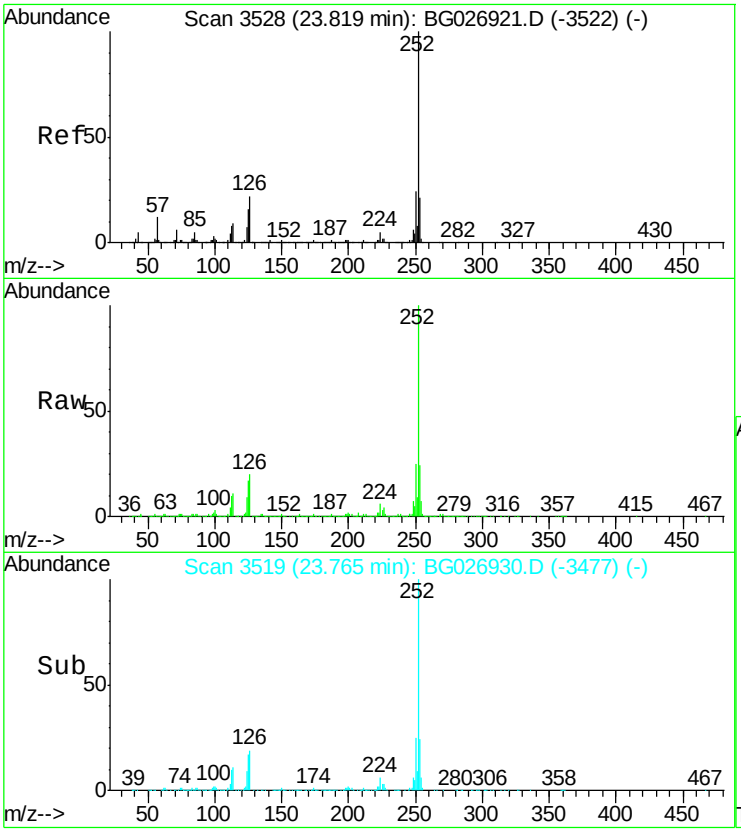


#85
Benzo(b)fluoranthene
Concen: 37.27 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:252 Resp: 2026277

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	17.4	4.0	6.0#



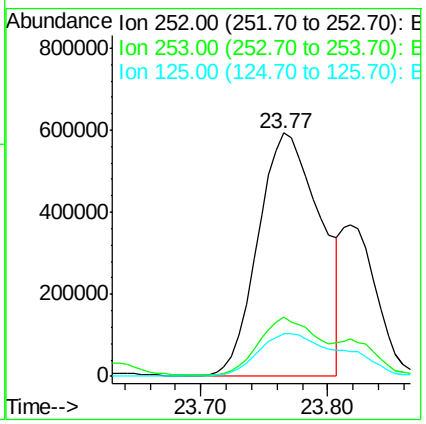


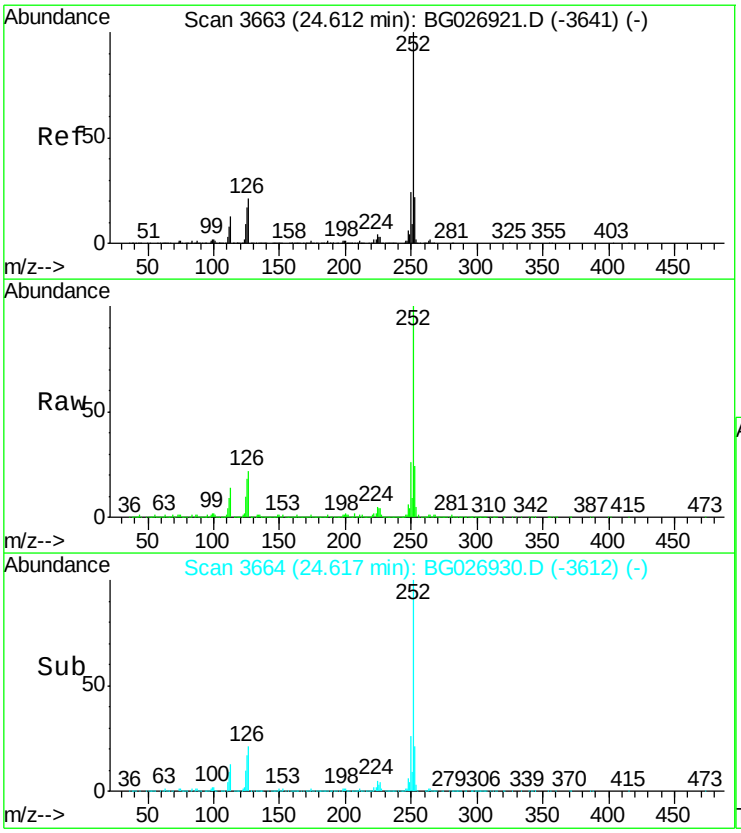
#86
Benzo(k)fluoranthene
Concen: 37.93 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. -0.05 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:252 Resp: 2026277

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	17.4	4.1	6.1#

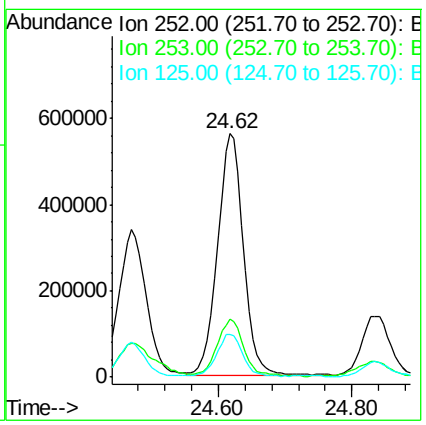


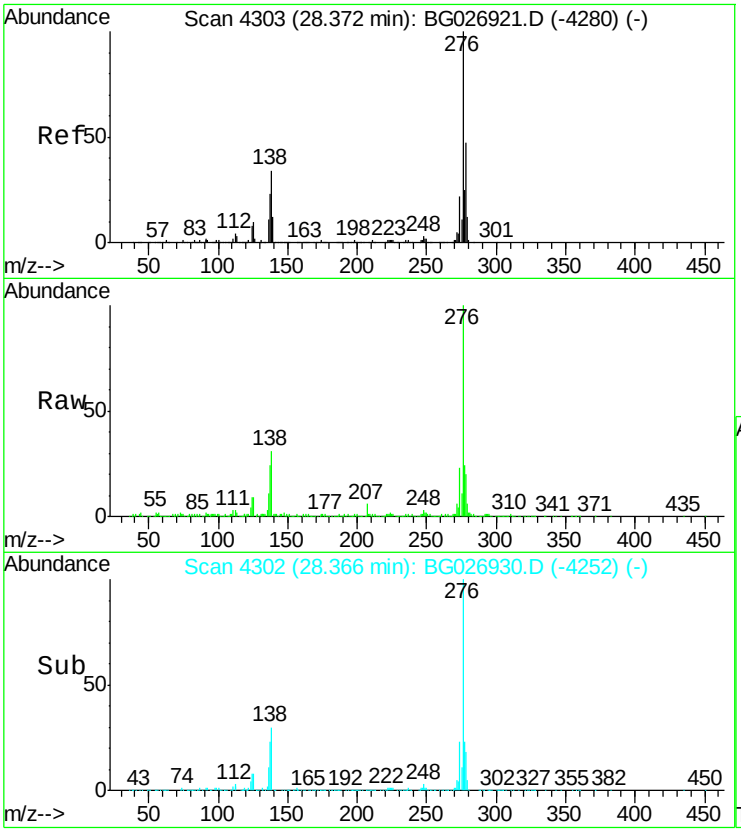


#88
Benzo(a)pyrene
Concen: 28.33 ng/ul
RT: 24.62 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:252 Resp: 1515609

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	17.7	5.4	8.0#



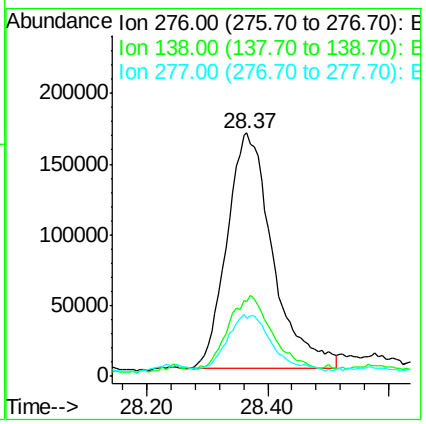


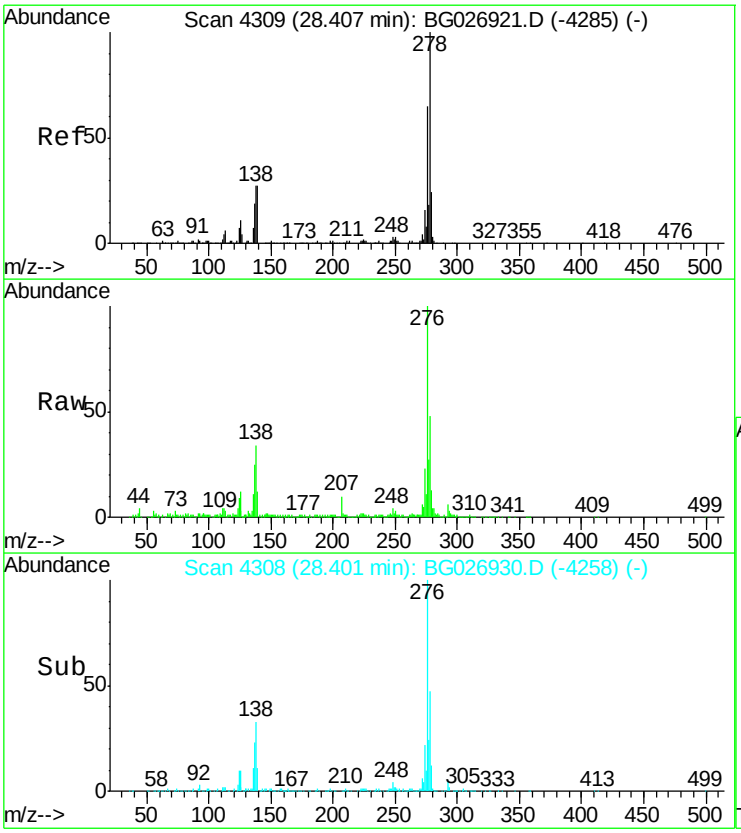
#89
Indeno(1,2,3-cd)pyrene
Concen: 13.73 ng/ul
RT: 28.37 min Scan# 4302
Delta R.T. -0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:276 Resp: 870757

Ion	Ratio	Lower	Upper
276	100		
138	30.7	8.2	12.4#
277	23.8	18.6	28.0

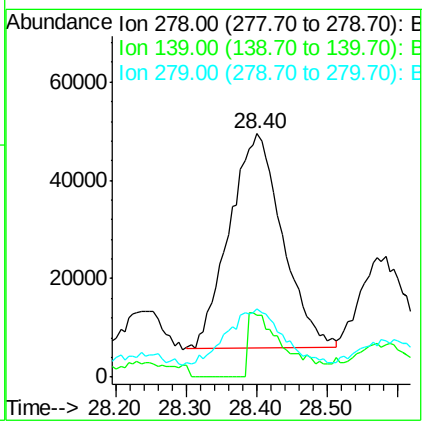


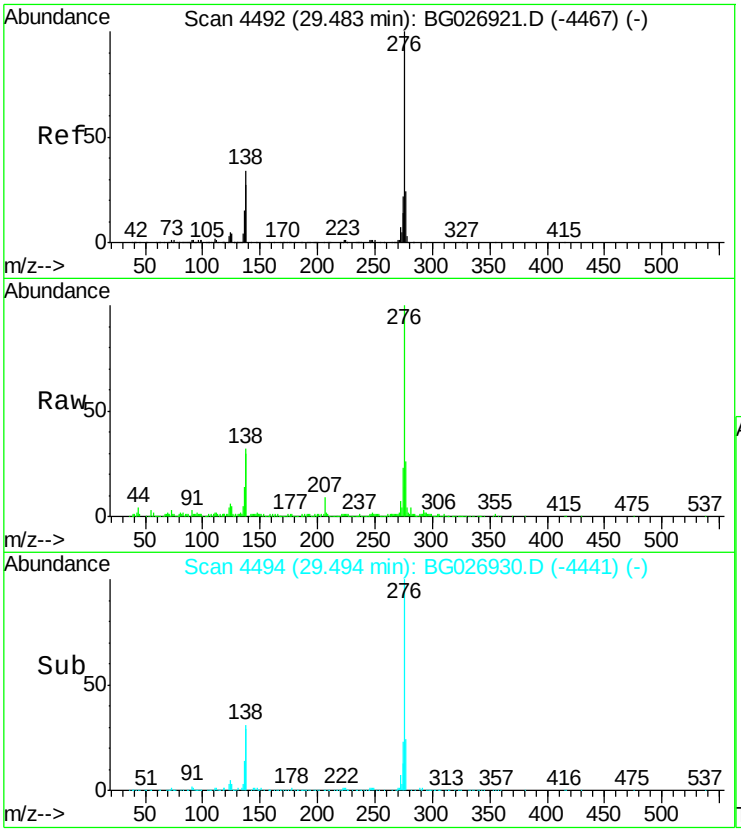


#90
Dibenzo(a,h)anthracene
Concen: 4.25 ng/ul
RT: 28.40 min Scan# 4308
Delta R.T. -0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Tgt Ion:278 Resp: 228443

Ion	Ratio	Lower	Upper
278	100		
139	25.1	6.7	10.1#
279	27.9	20.9	31.3





#91
Benzo(g,h,i)perylene
Concen: 13.26 ng/ul
RT: 29.49 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BG026930.D
Acq: 10 May 2017 2:53

Instrument :
BNA_G
ClientSampleId :
BDC45

Tgt Ion:276 Resp: 697322

Ion	Ratio	Lower	Upper
276	100		
138	32.4	8.6	12.8#
277	25.6	17.6	26.4