Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026304.D
Acq On : 18 Mar 2017 5:46
Operator : SJ/MA
Sample : I2283-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB305

Quant Time: Mar 18 06:26:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:29:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	160495	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	751900	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	412757	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	813030	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	803361	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	764756	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	20057	1.80	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	621916	17.67	ng/ul	0.00
10) Fluorene-d10	15.64	176	459903	17.91	ng/ul	0.00
15) Anthracene-d10	17.49	188	619327	17.14	ng/ul	0.00
19) Pyrene-d10	19.76	212	644649	15.73	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	563069	17.07	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.90	128	71995	1.96	ng/ul	98
5) 2-Methylnaphthalene	12.50	142	46457	1.70	ng/ul	98
9) Acenaphthene	14.72	153	102061	4.02	ng/ul	100
11) Fluorene	15.70	166	122045	4.26	ng/ul	98
14) Phenanthrene	17.44	178	1570823	36.46	ng/ul	97
16) Anthracene	17.52	178	333799	7.67	ng/ul	99
17) Fluoranthene	19.43	202	1779116	39.77	ng/ul	97
20) Pyrene	19.80	202	1531834	29.95	ng/ul	99
21) Benzo(a)anthracene	21.62	228	816954	18.27	ng/ul	97
22) Chrysene	21.68	228	777459	18.64	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	952388	21.93	ng/ul	98
25) Benzo(k)fluoranthene	23.82	252	952388	22.97	ng/ul	98
27) Benzo(a)pyrene	24.67	252	597119	14.80	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.46	276	309765	6.95	ng/ul	97
29) Dibenzo(a,h)anthracene	28.49	278	47868	1.35	ng/ul	98
30) Benzo(g,h,i)perylene	29.59	276	106466	2.79	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026304.D
Acq On : 18 Mar 2017 5:46
Operator : SJ/MA
Sample : I2283-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB305

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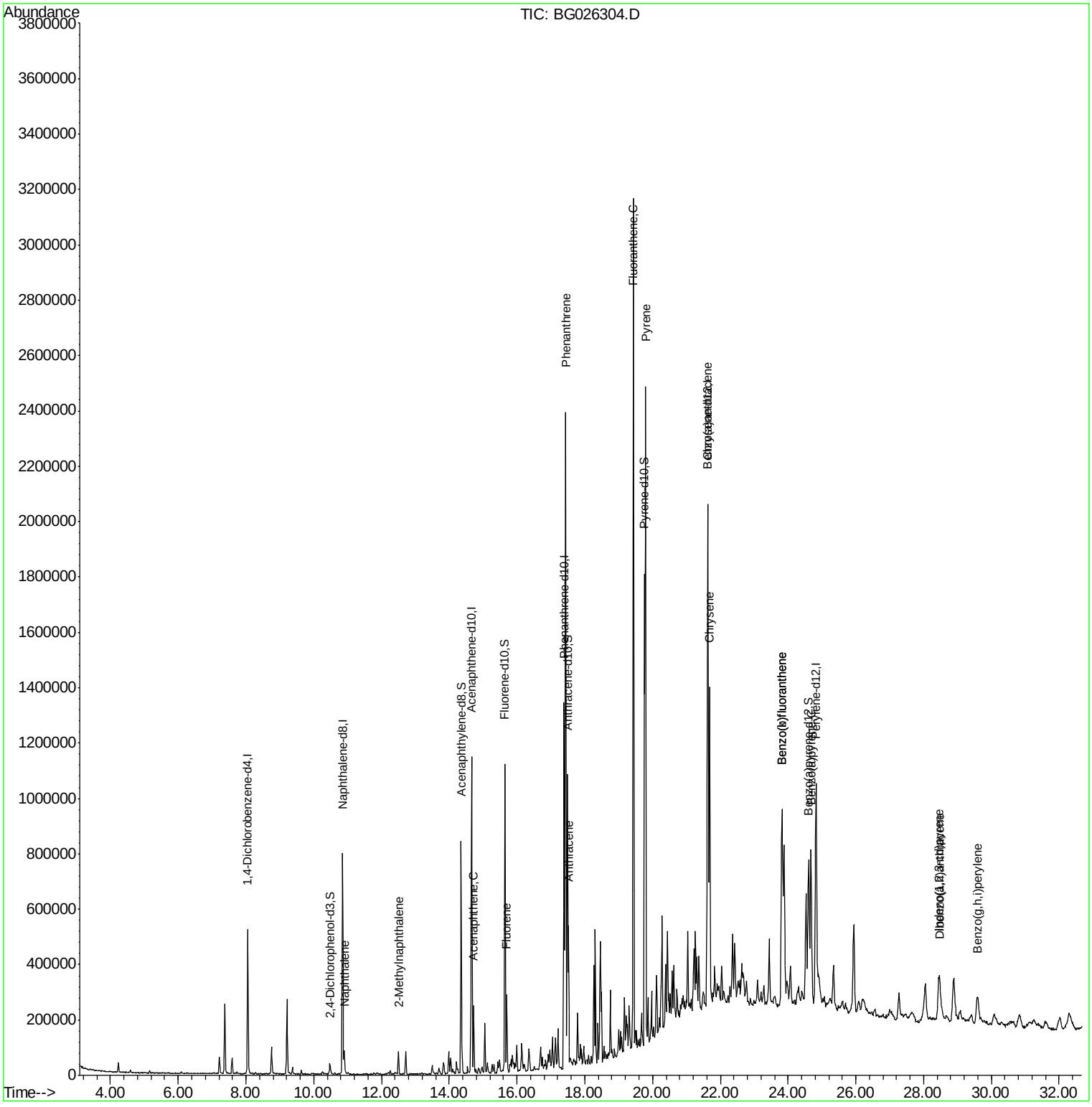
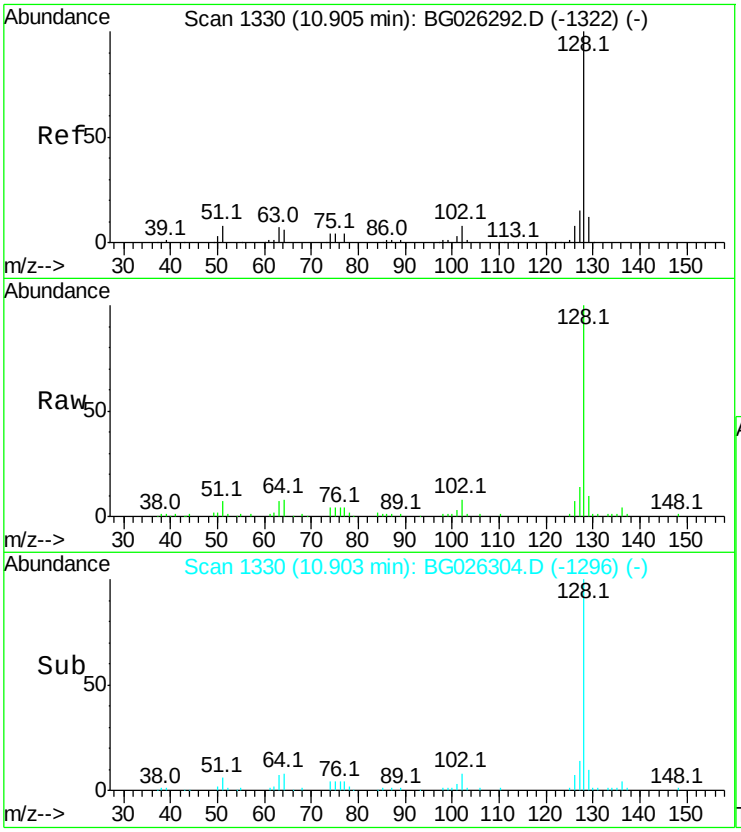


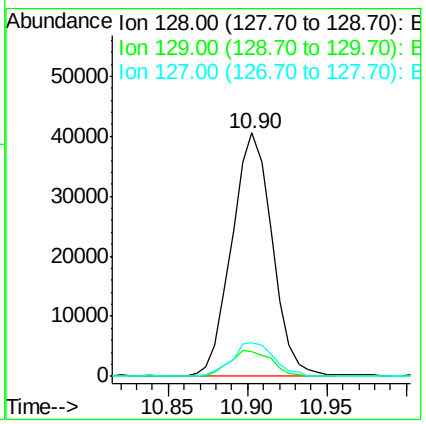


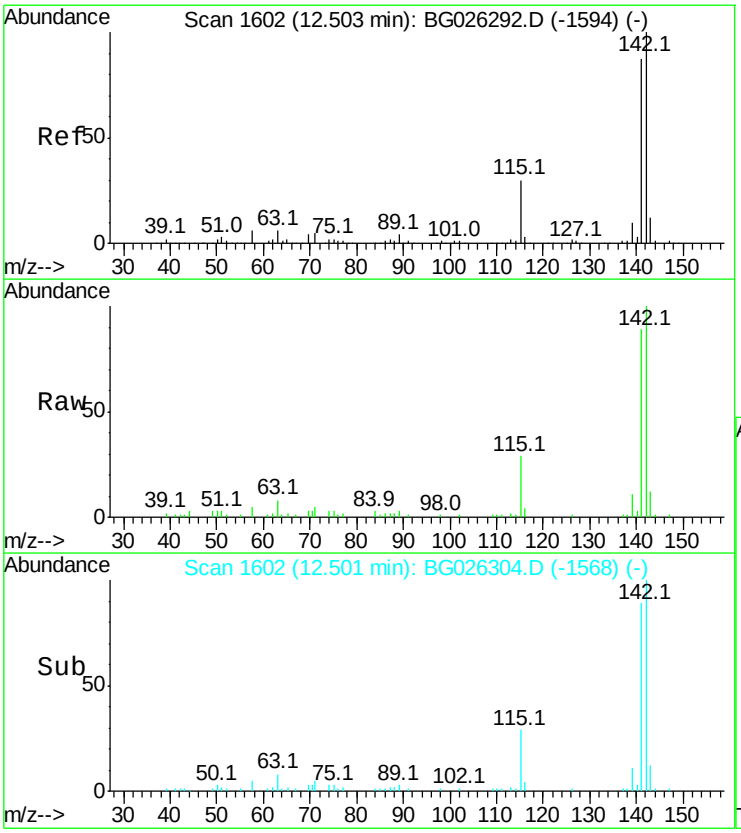
#4
Naphthalene
Concen: 1.96 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Instrument :
BNA_G
ClientSampleId :
CB305

Tgt Ion:128 Resp: 71995

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.1	13.7
127	13.9	10.6	15.8

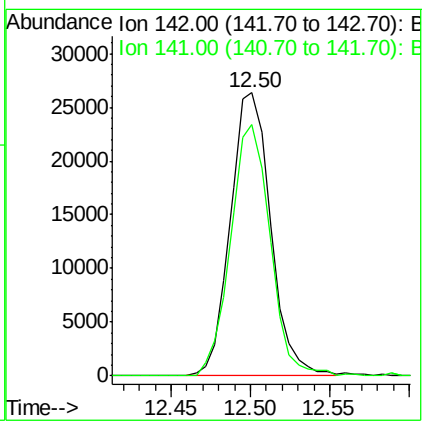


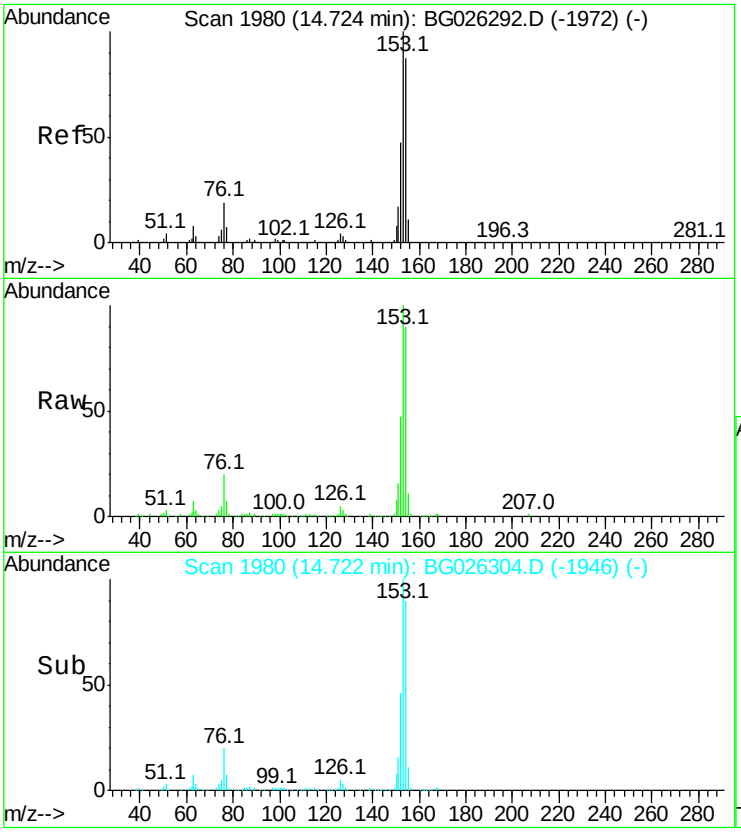


#5
2-Methylnaphthalene
Concen: 1.70 ng/ul
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Tgt Ion:142 Resp: 46457

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.8	104.8



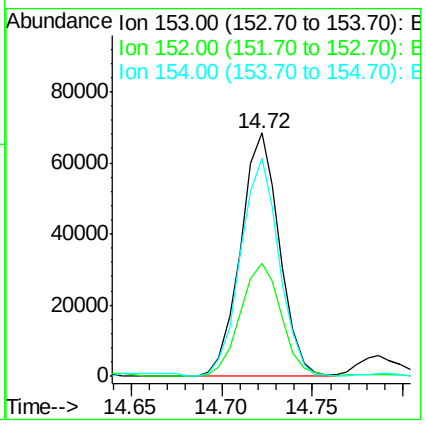


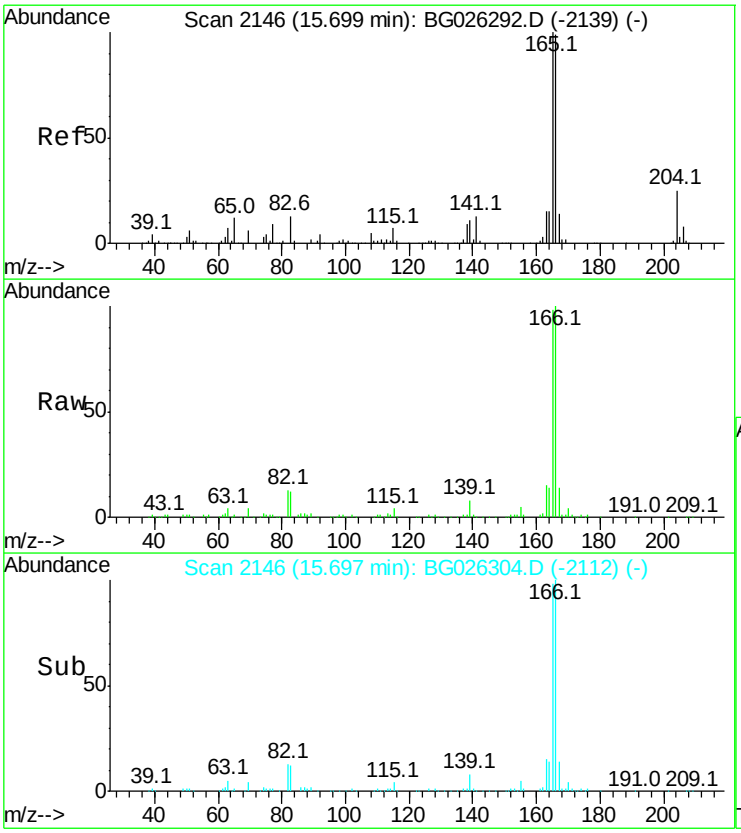
#9
Acenaphthene
Concen: 4.02 ng/ul
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Instrument :
BNA_G
ClientSampleId :
CB305

Tgt Ion:153 Resp: 102061

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.9	56.9
154	89.7	71.6	107.4

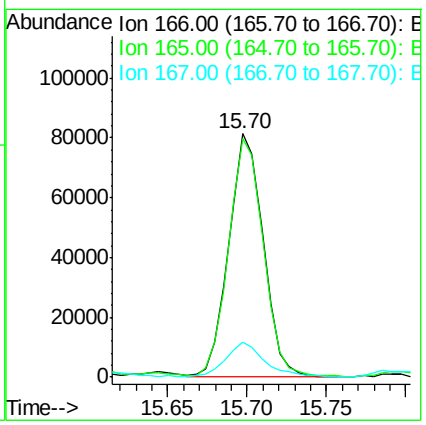


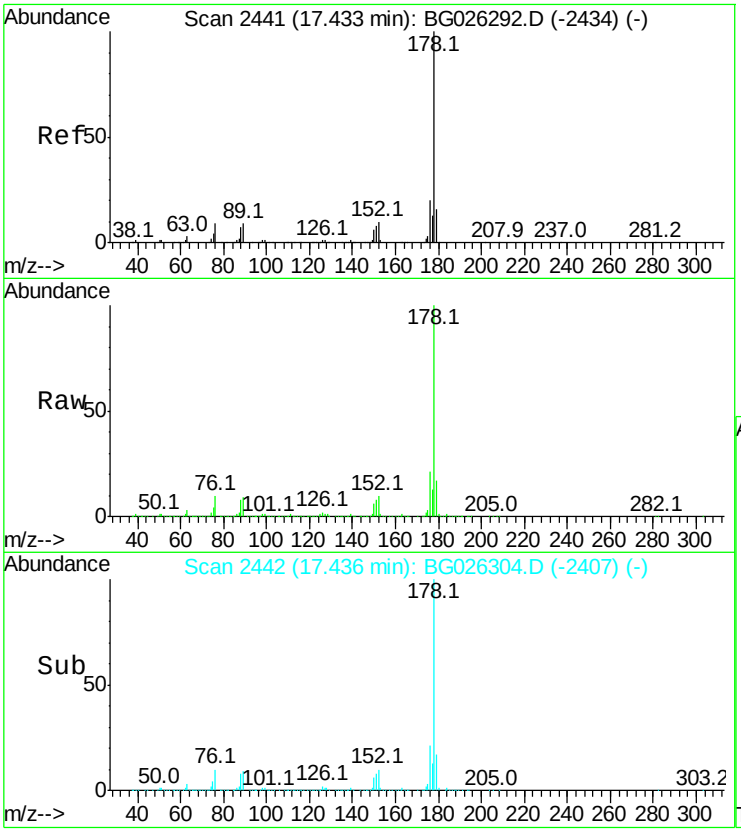


#11
Fluorene
Concen: 4.26 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Tgt Ion:166 Resp: 122045

Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.0	120.0
167	14.4	11.6	17.4



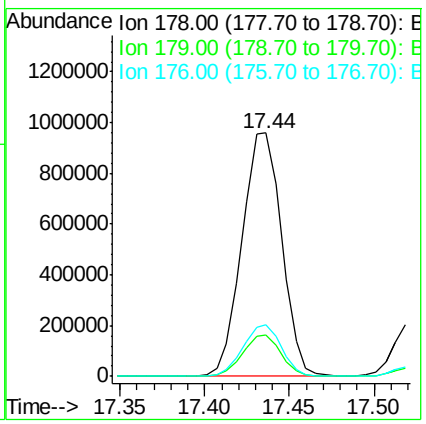


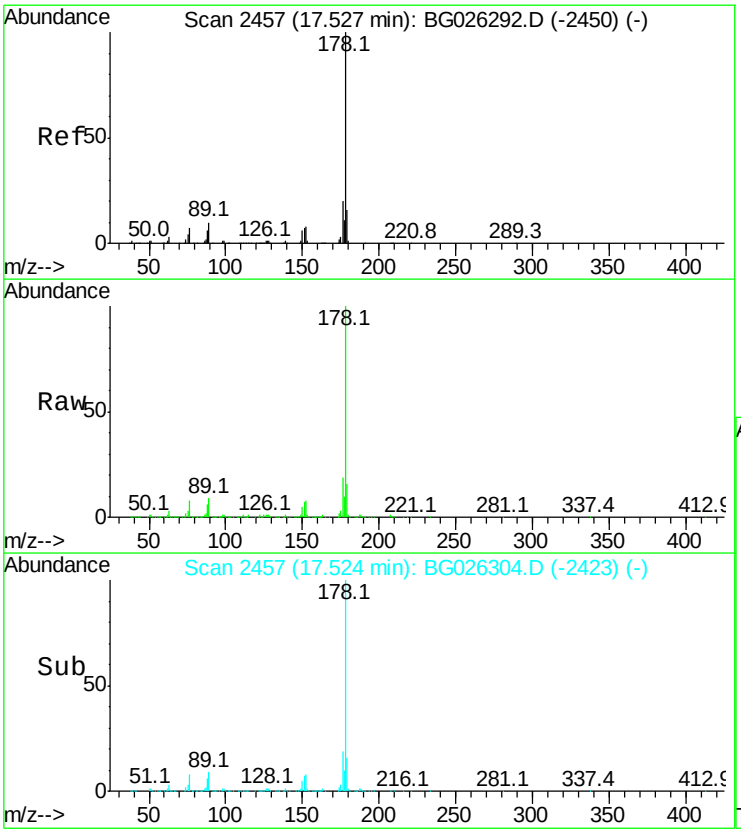
#14
Phenanthrene
Concen: 36.46 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Instrument :
BNA_G
ClientSampleId :
CB305

Tgt Ion:178 Resp: 1570823

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.4
176	21.3	16.4	24.6

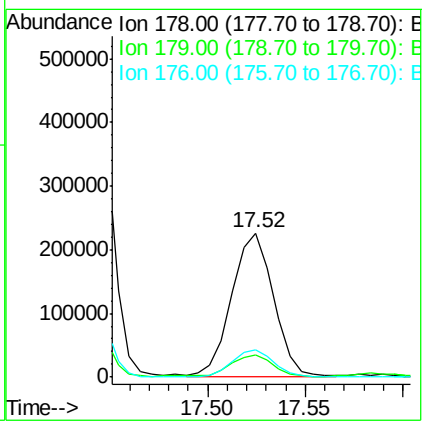


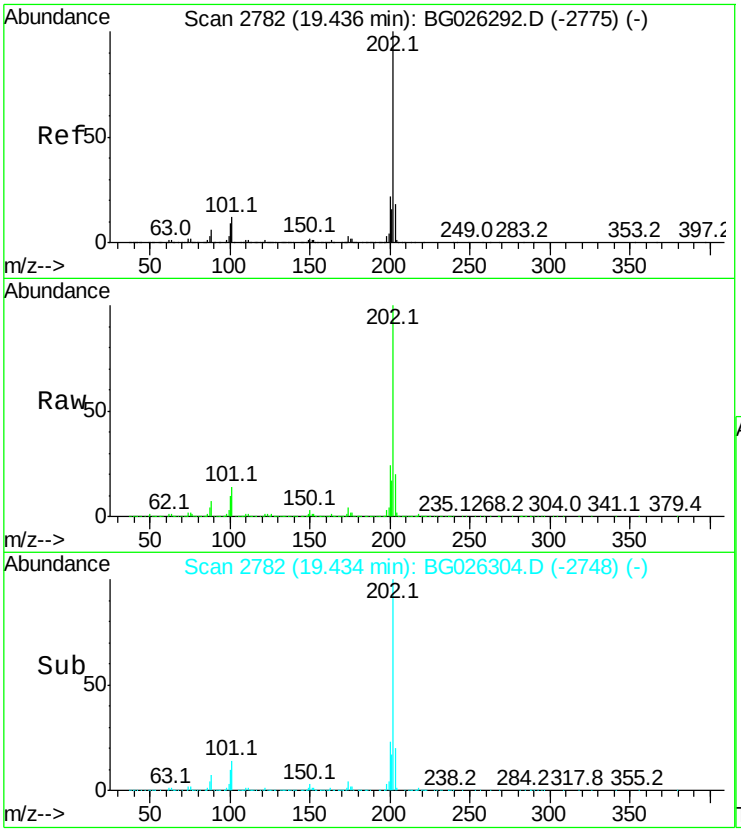


#16
Anthracene
Concen: 7.67 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Tgt Ion:178 Resp: 333799

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	18.7	15.8	23.8



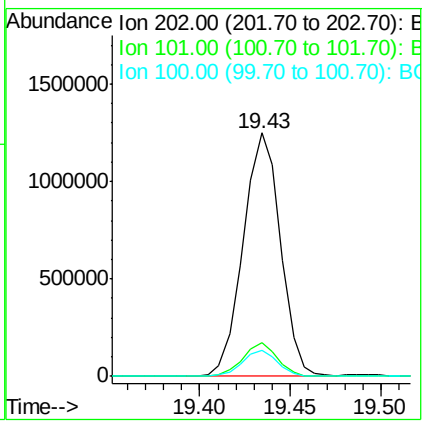


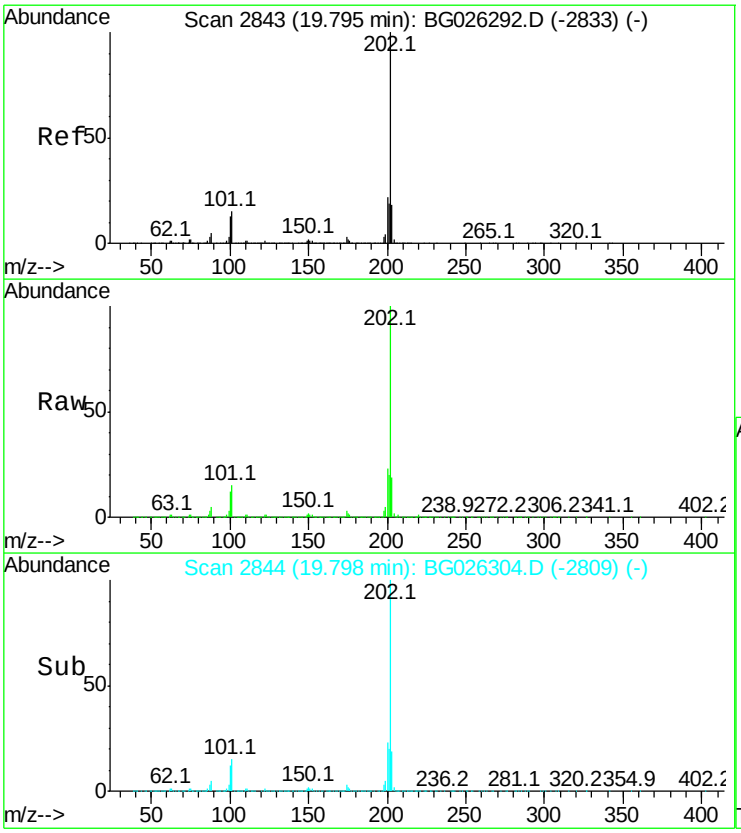
#17
Fluoranthene
Concen: 39.77 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Instrument :
BNA_G
ClientSampleId :
CB305

Tgt Ion:202 Resp: 1779116

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.8	14.8
100	10.5	7.5	11.3

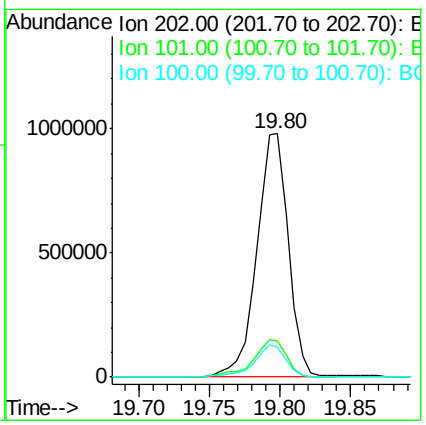


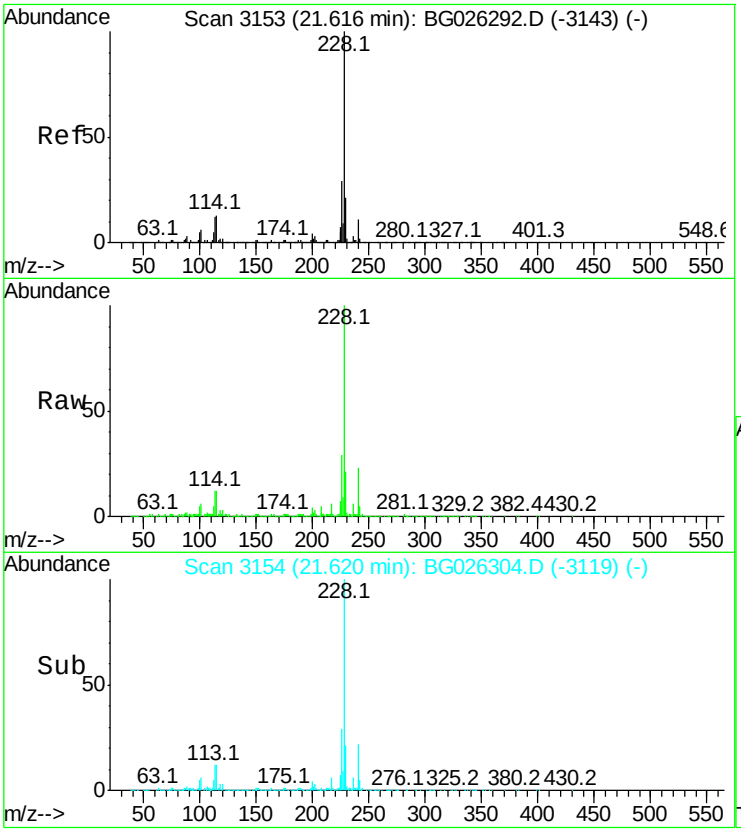


#20
Pyrene
Concen: 29.95 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Tgt Ion:202 Resp: 1531834

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.2	16.8
100	12.0	9.8	14.6



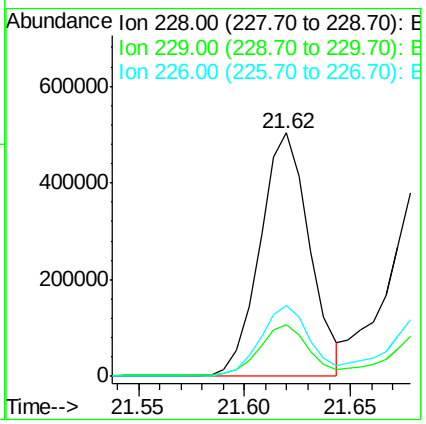


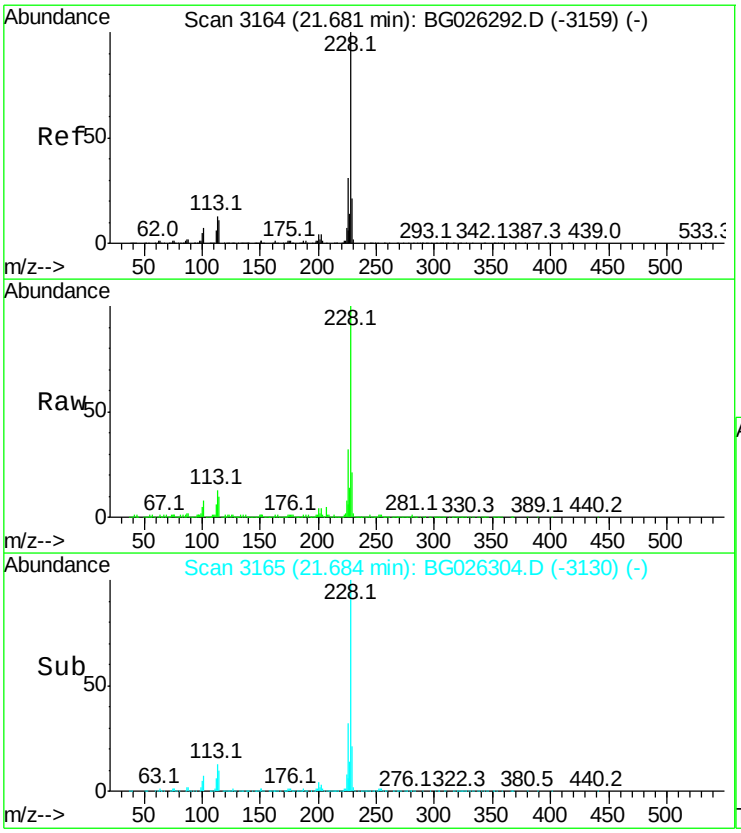
#21
Benzo(a)anthracene
Concen: 18.27 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Instrument :
BNA_G
ClientSampleId :
CB305

Tgt Ion:228 Resp: 816954

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.9	23.9
226	29.0	22.1	33.1

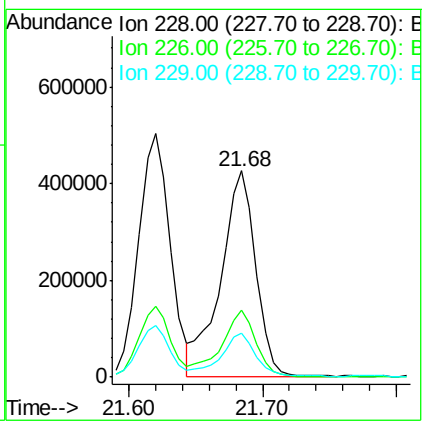


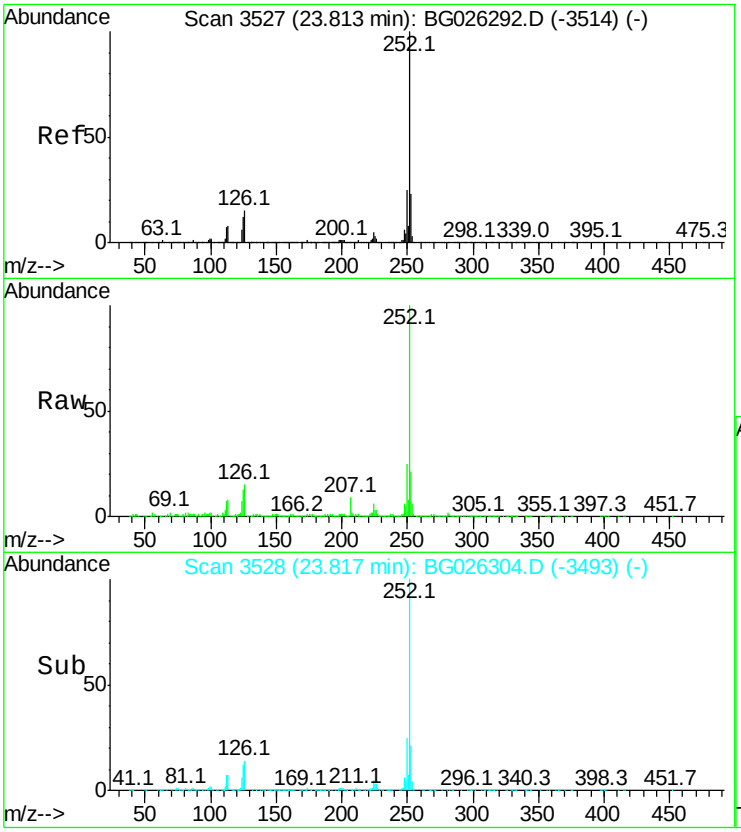


#22
Chrysene
Concen: 18.64 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Tgt Ion:228 Resp: 777459

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	21.2	16.6	25.0



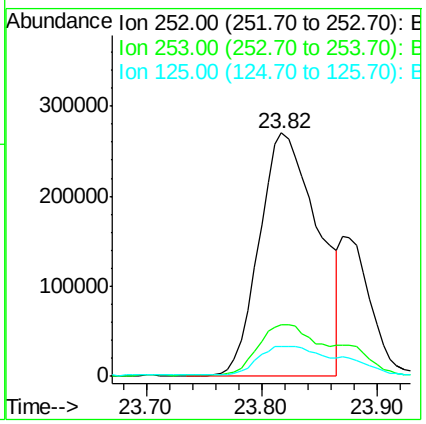


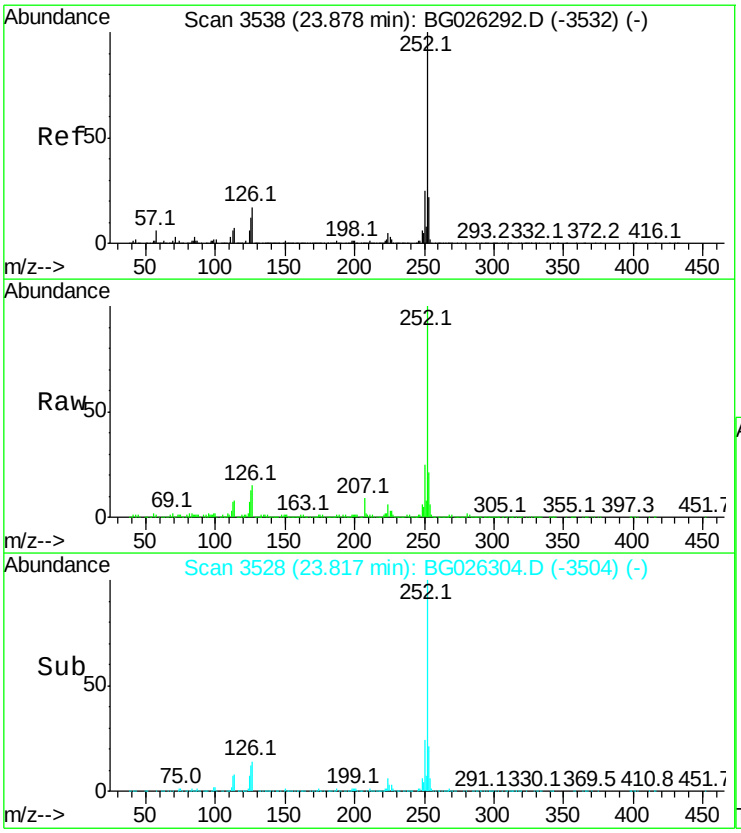
#24
Benzo(b)fluoranthene
Concen: 21.93 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Instrument :
BNA_G
ClientSampleId :
CB305

Tgt Ion:252 Resp: 952388

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	12.5	9.4	14.0

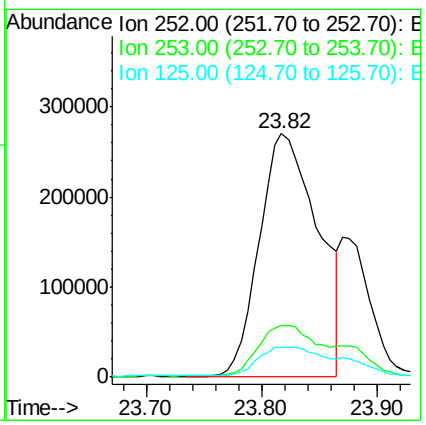


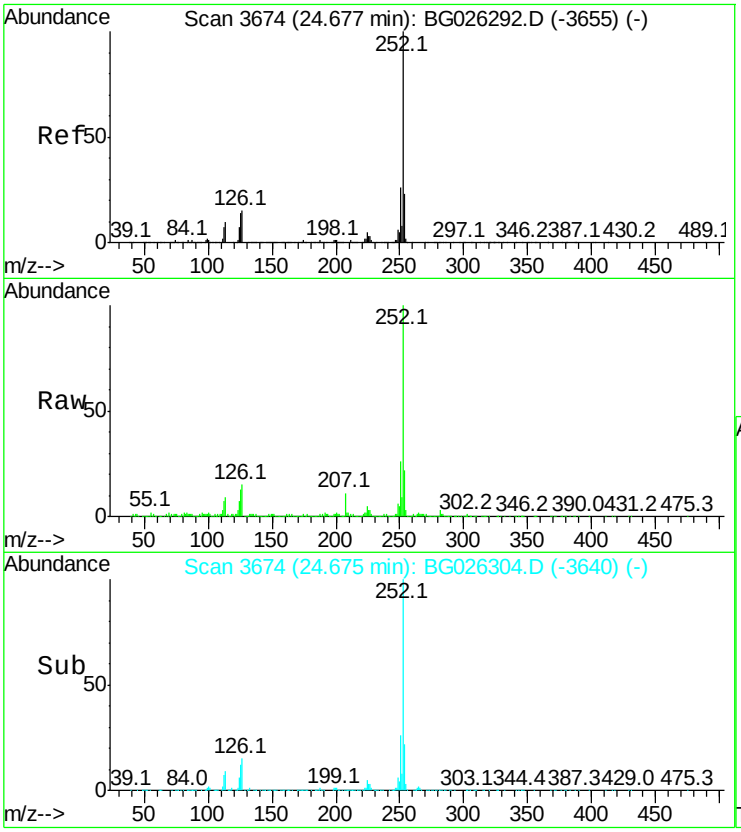


#25
Benzo(k)fluoranthene
Concen: 22.97 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.06 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Tgt Ion:252 Resp: 952388

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	12.5	8.8	13.2



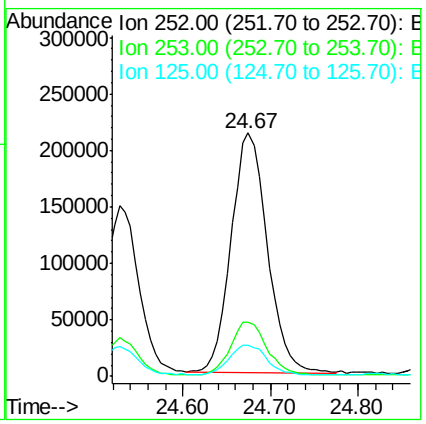


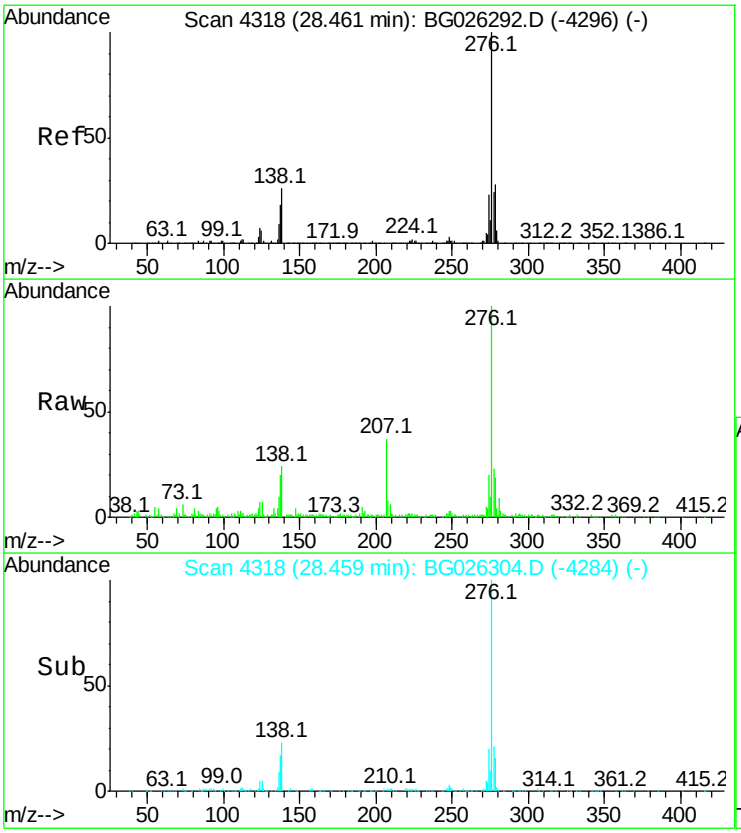
#27
Benzo(a)pyrene
Concen: 14.80 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Instrument :
BNA_G
ClientSampleId :
CB305

Tgt Ion:252 Resp: 597119

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.8	9.4	14.2

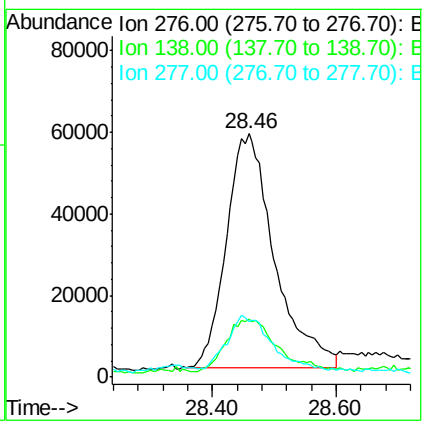


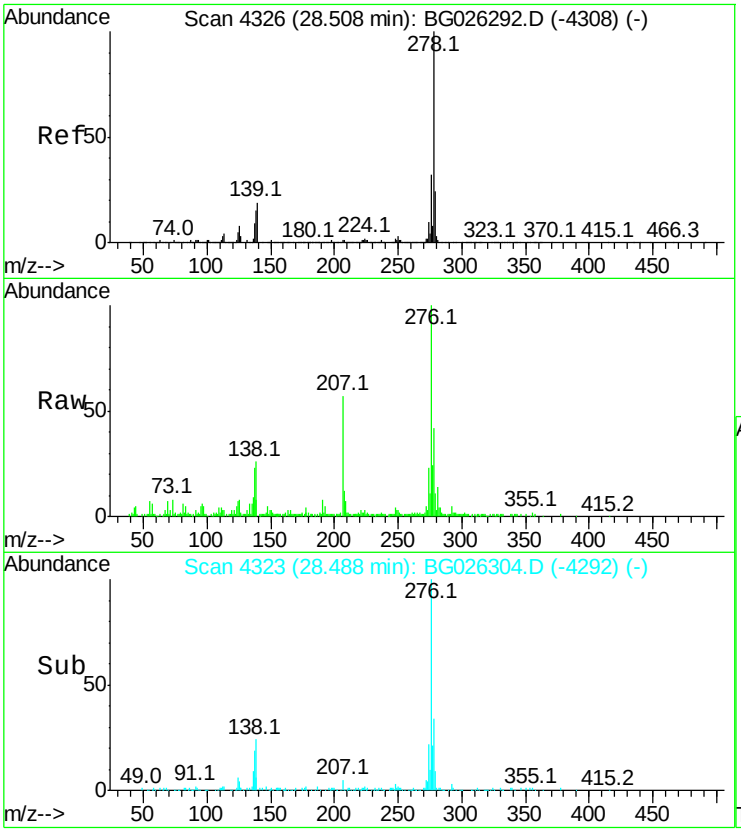


#28
Indeno(1,2,3-cd)pyrene
Concen: 6.95 ng/ul
RT: 28.46 min Scan# 4318
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Tgt Ion:276 Resp: 309765

Ion	Ratio	Lower	Upper
276	100		
138	24.0	17.8	26.6
277	22.8	19.4	29.0



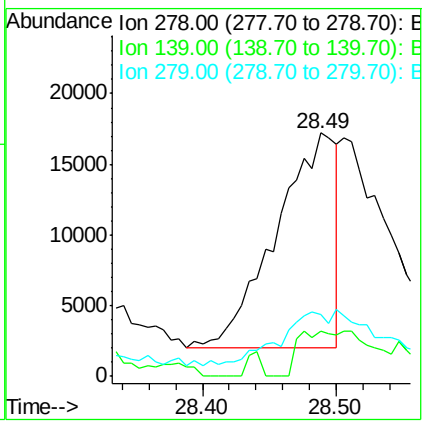


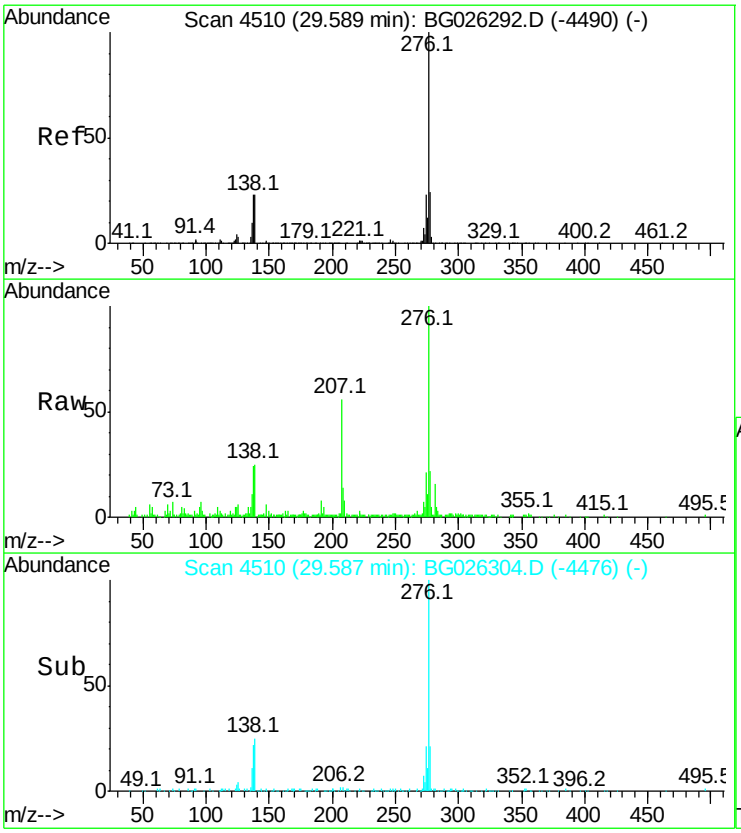
#29
Dibenzo(a,h)anthracene
Concen: 1.35 ng/ul
RT: 28.49 min Scan# 4323
Delta R.T. -0.02 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Instrument :
BNA_G
ClientSampleId :
CB305

Tgt Ion:278 Resp: 47868

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.0	21.0
279	25.2	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 2.79 ng/ul
RT: 29.59 min Scan# 4510
Delta R.T. -0.00 min
Lab File: BG026304.D
Acq: 18 Mar 2017 5:46

Tgt Ion:276 Resp: 106466

Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.0	28.4
277	22.1	19.7	29.5