Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031317\
Data File : BG026221.D
Acq On : 13 Mar 2017 21:07
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 15 05:55:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 05:51:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71158	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	372545	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	235567	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	553681	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	567485	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	527301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	92172	16.70	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	464291	23.12	ng/ul	0.00
10) Fluorene-d10	15.64	176	338536	23.11	ng/ul	0.00
15) Anthracene-d10	17.49	188	505156	20.53	ng/ul	0.00
19) Pyrene-d10	19.76	212	520585	17.98	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	480998	21.15	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.91	128	367688	20.17	ng/ul	98
5) 2-Methylnaphthalene	12.50	142	292351	21.63	ng/ul	100
8) Acenaphthylene	14.39	152	470024	22.91	ng/ul	99
9) Acenaphthene	14.72	153	342813	23.64	ng/ul	97
11) Fluorene	15.70	166	392687	23.99	ng/ul	99
13) Pentachlorophenol	17.04	265	2958	14.31	ng/uL	86
14) Phenanthrene	17.44	178	616604	21.01	ng/ul	99
16) Anthracene	17.52	178	616201	20.79	ng/ul	99
17) Fluoranthene	19.43	202	666260	21.87	ng/ul	98
20) Pyrene	19.79	202	672275	18.61	ng/ul	98
21) Benzo(a)anthracene	21.62	228	639073	20.24	ng/ul	99
22) Chrysene	21.68	228	619431	21.02	ng/ul	98
24) Benzo(b)fluoranthene	23.81	252	644681	21.53	ng/ul	98
25) Benzo(k)fluoranthene	23.88	252	610235	21.35	ng/ul	99
27) Benzo(a)pyrene	24.67	252	609487	21.91	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.45	276	714317	23.05	ng/ul	98
29) Dibenzo(a,h)anthracene	28.50	278	569021	23.35	ng/ul	96
30) Benzo(g,h,i)perylene	29.57	276	590717	22.35	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031317\
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Acq On : 13 Mar 2017 21:07
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Misc :
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ClientSampleId :

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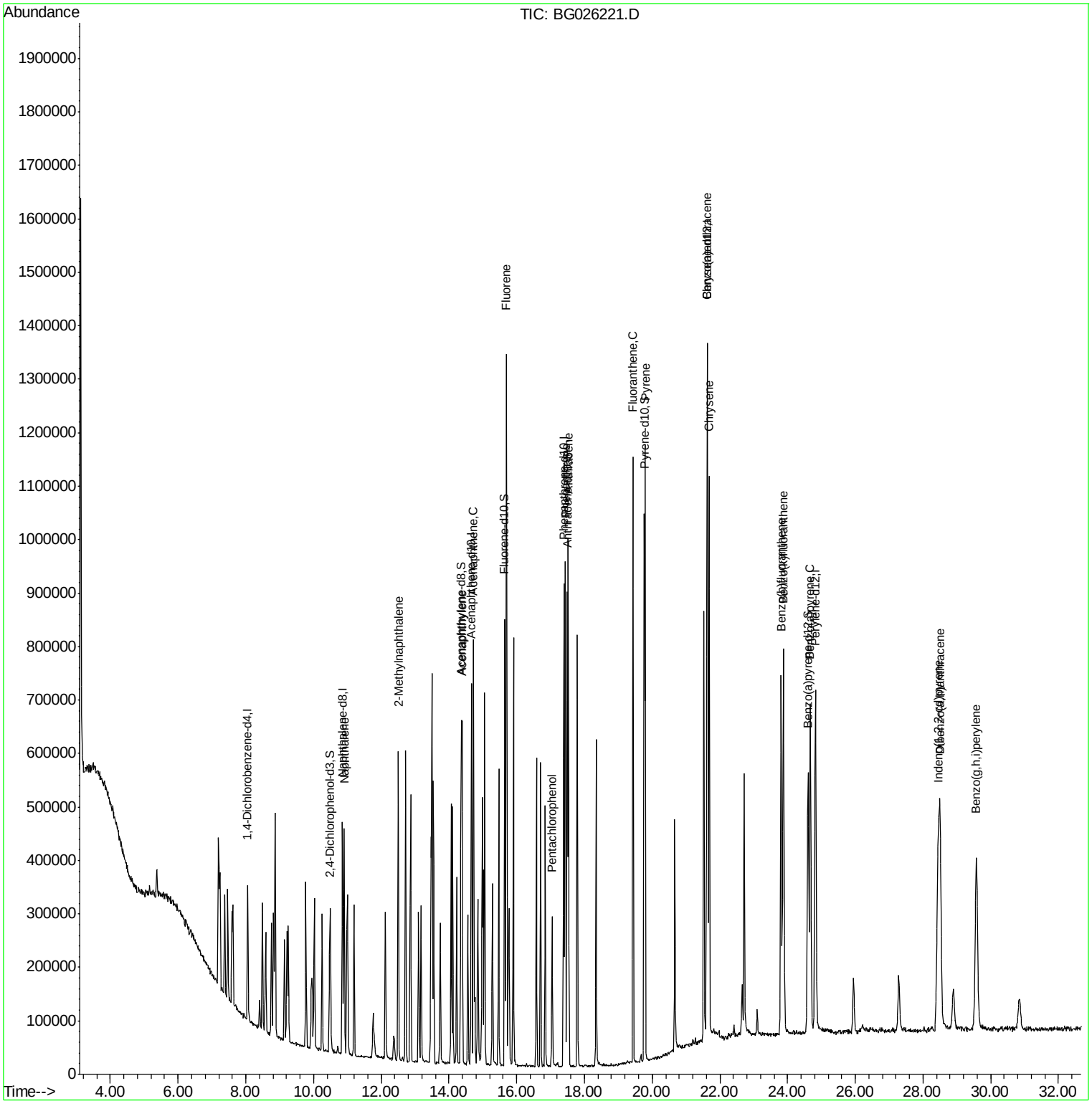
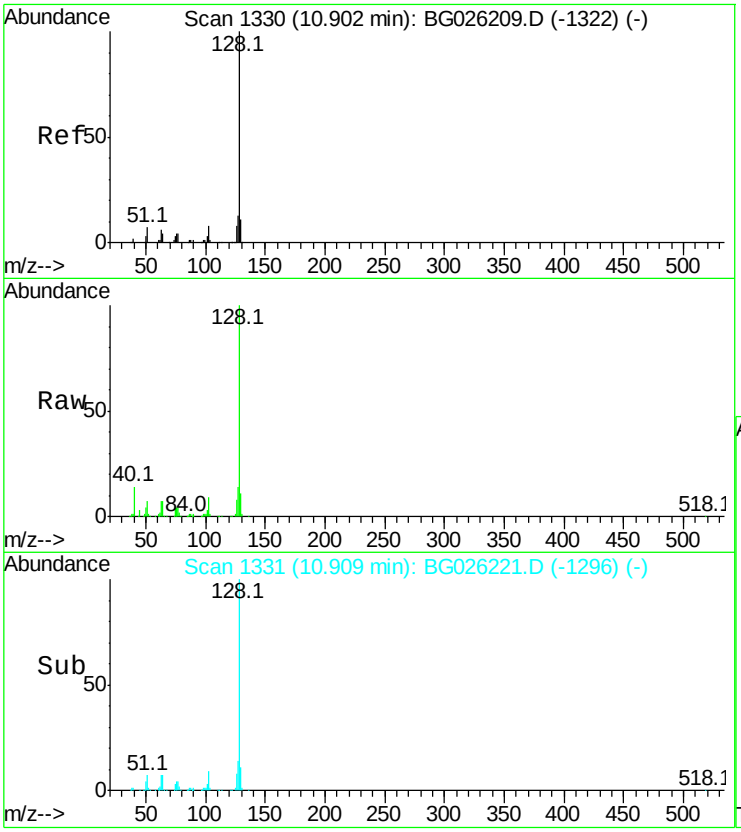
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 05:51:09 2017
Response via : Initial Calibration



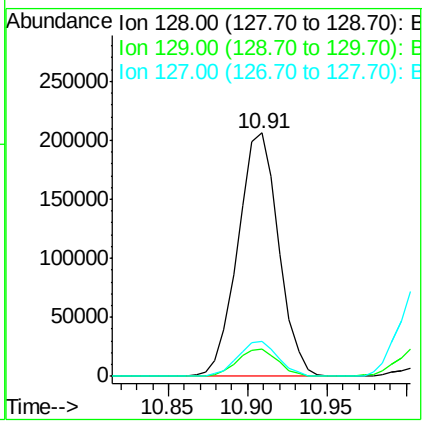


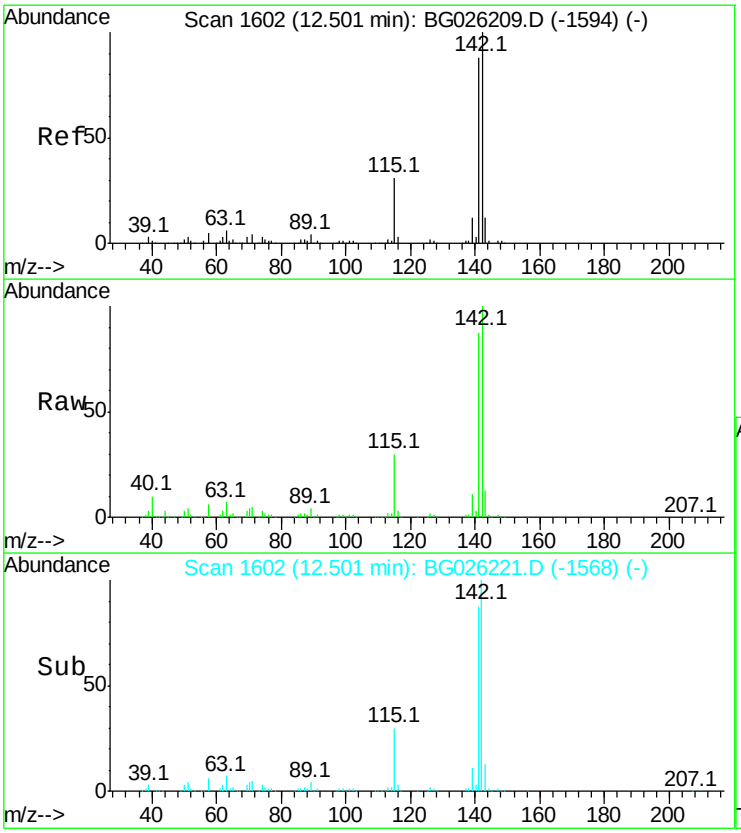
#4
Naphthalene
Concen: 20.17 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 367688

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	14.4	10.6	15.8

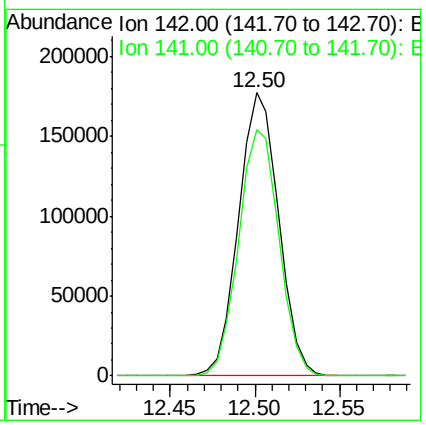


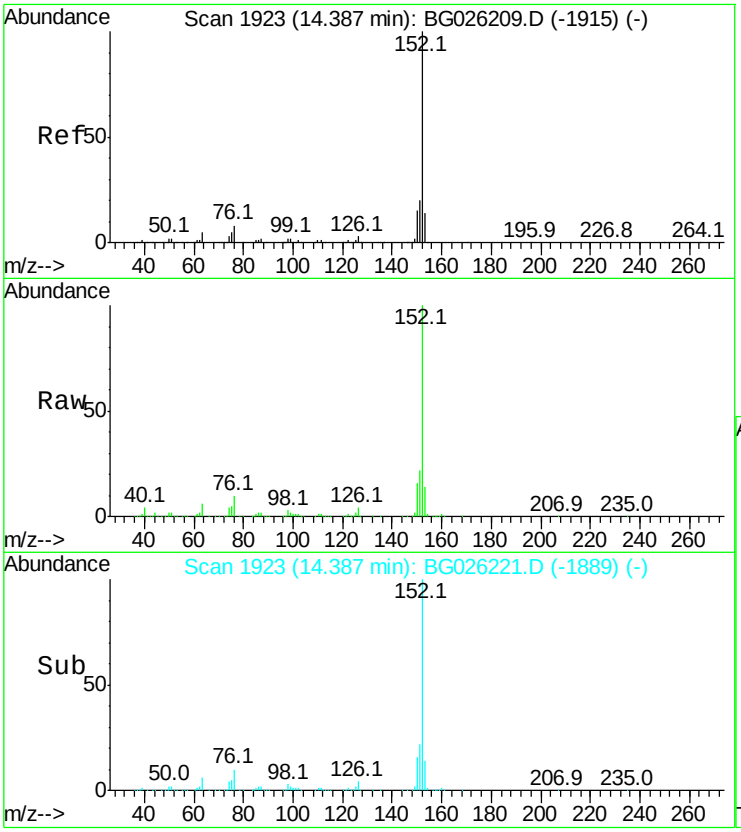


#5
2-Methylnaphthalene
Concen: 21.63 ng/ul
RT: 12.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:142 Resp: 292351

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.8



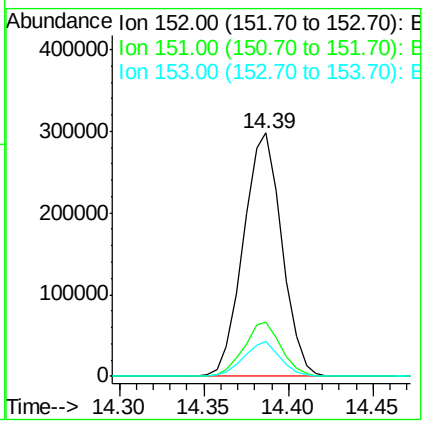


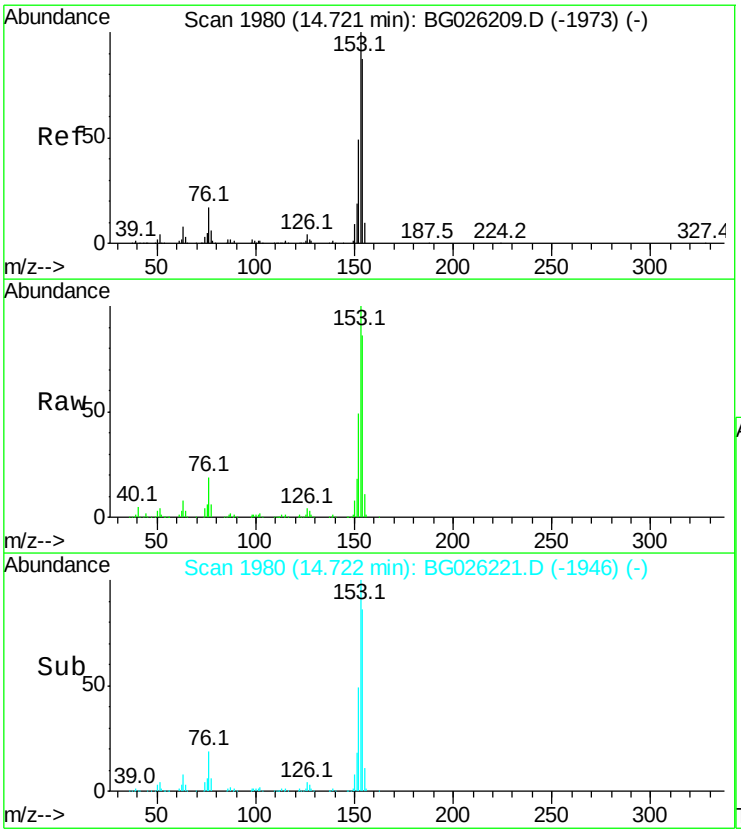
#8
Acenaphthylene
Concen: 22.91 ng/ul
RT: 14.39 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 470024

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.5	26.3
153	14.2	10.6	16.0

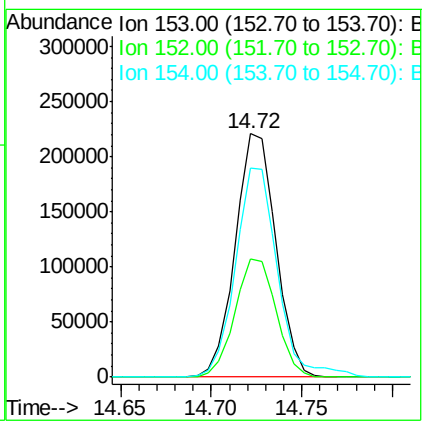


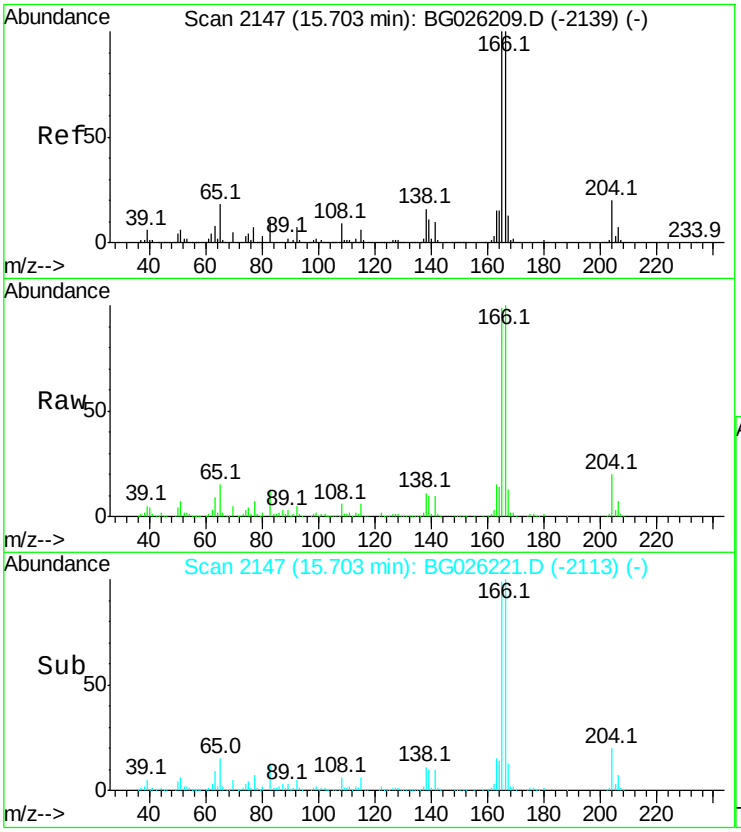


#9
Acenaphthene
Concen: 23.64 ng/ul
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:153 Resp: 342813

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.9	56.9
154	85.9	71.6	107.4



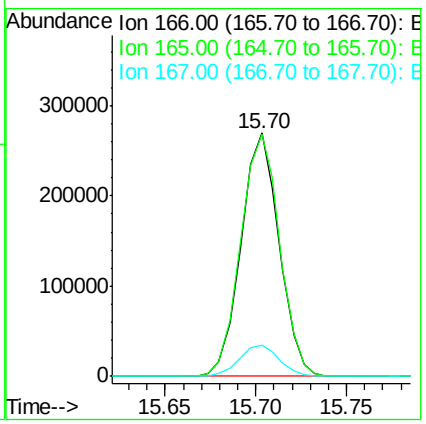


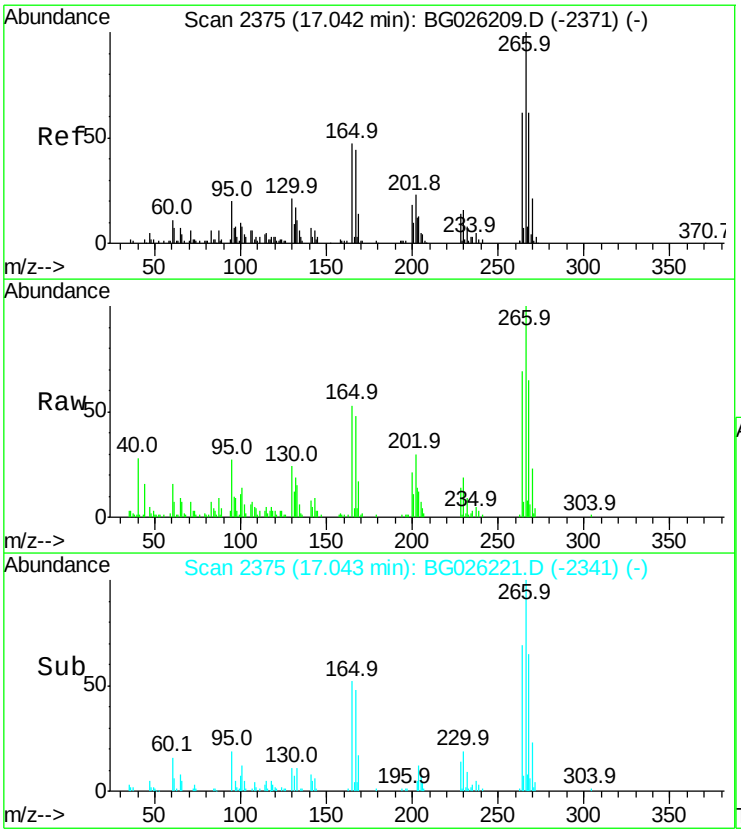
#11
Fluorene
Concen: 23.99 ng/ul
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 392687

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.0	120.0
167	13.0	11.6	17.4

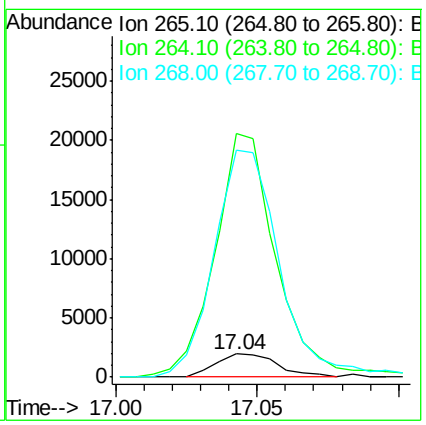


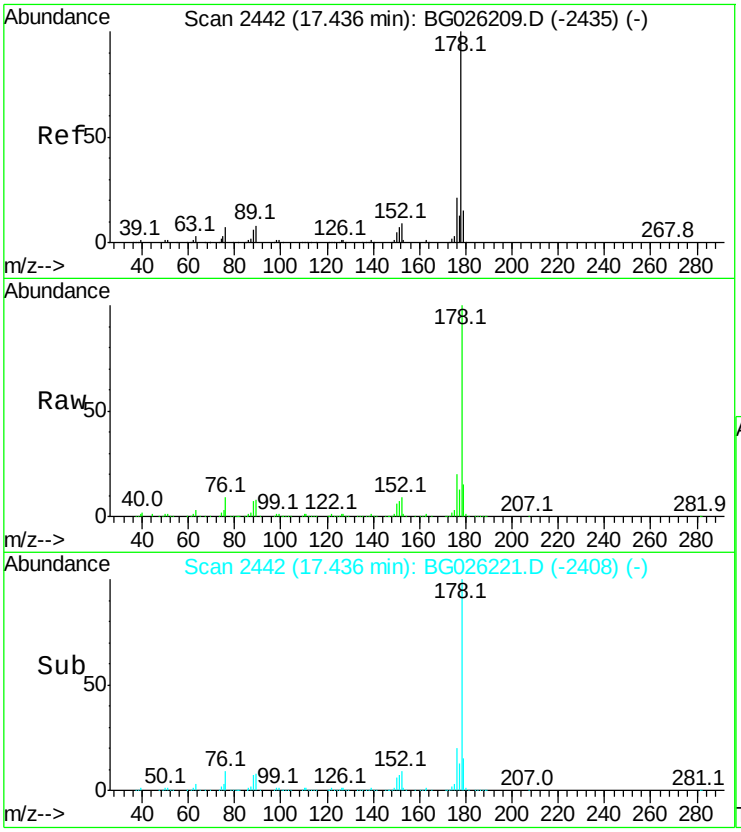


#13
Pentachlorophenol
Concen: 14.31 ng/uL
RT: 17.04 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:265 Resp: 2958

Ion	Ratio	Lower	Upper
265	100		
264	1056.9	768.4	1152.6
268	984.2	806.4	1209.6



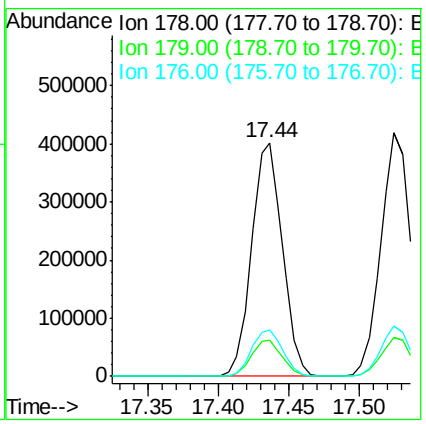


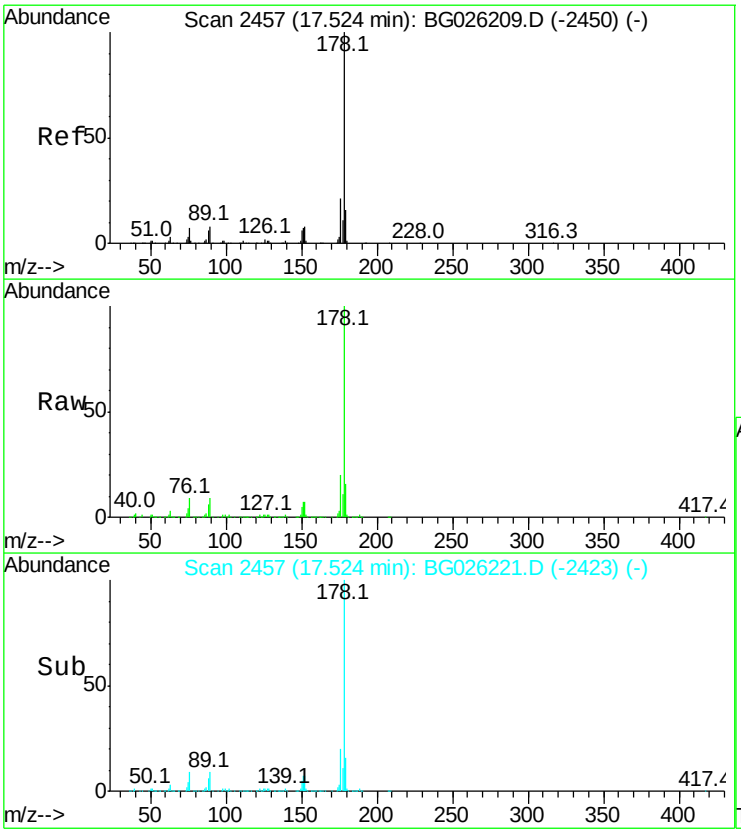
#14
Phenanthrene
Concen: 21.01 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 616604

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	20.0	16.4	24.6

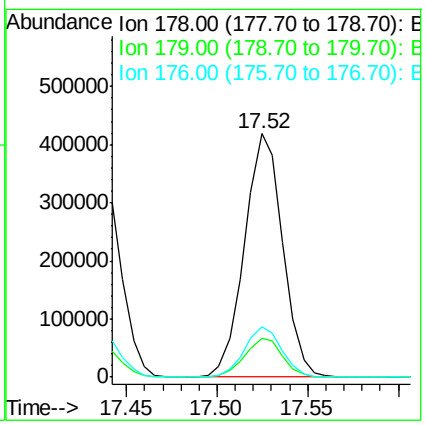


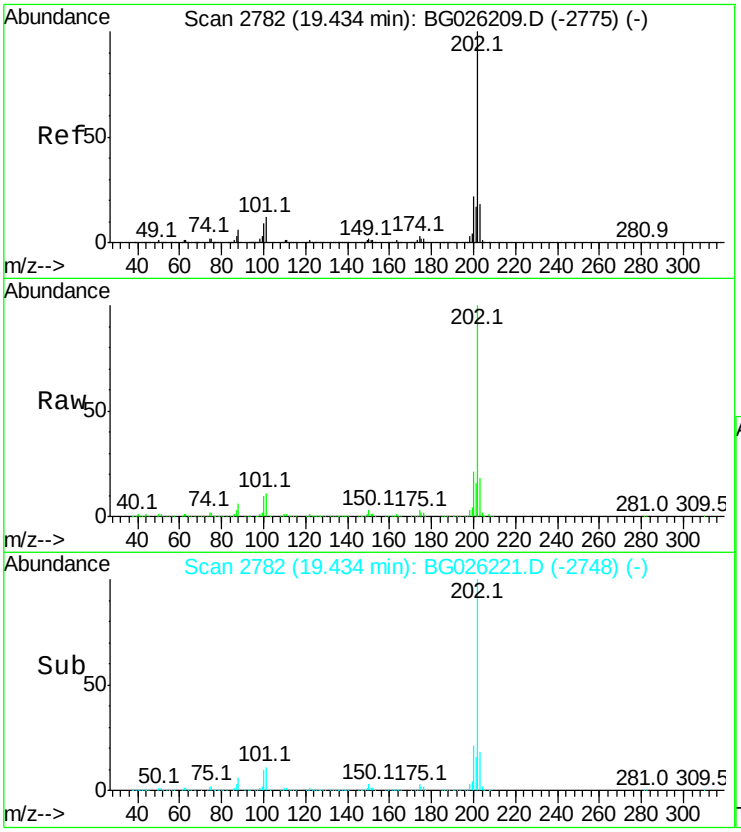


#16
Anthracene
Concen: 20.79 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:178 Resp: 616201

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	20.4	15.8	23.8



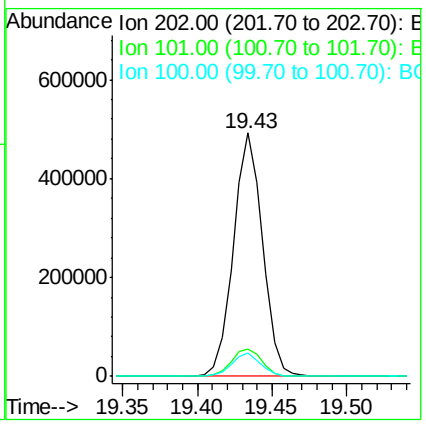


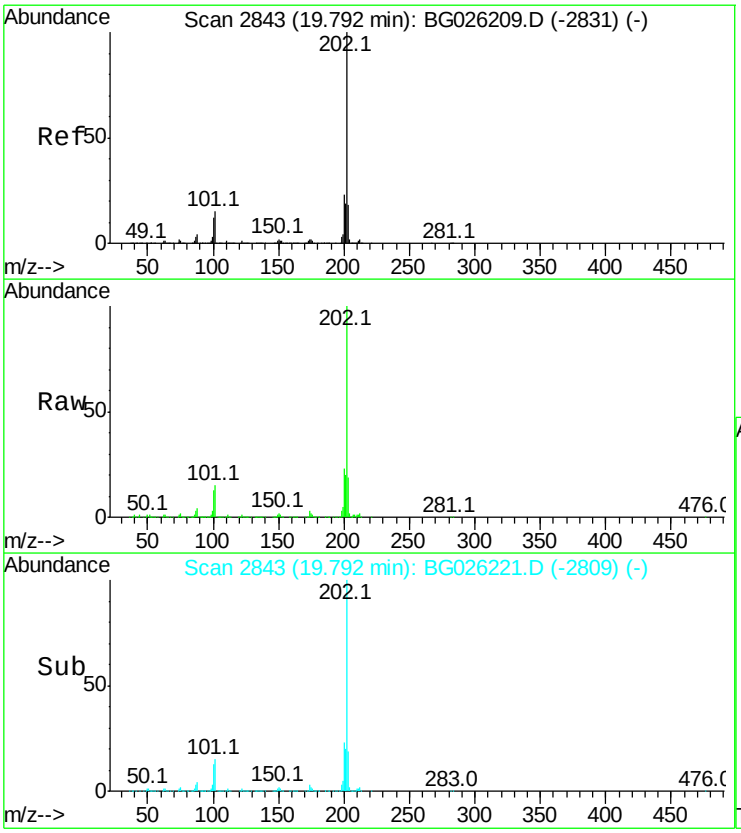
#17
Fluoranthene
Concen: 21.87 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 666260

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.8
100	9.6	7.5	11.3

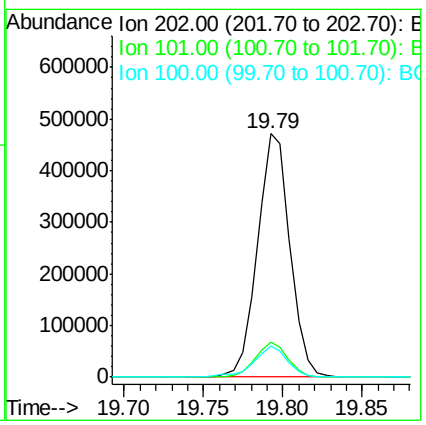


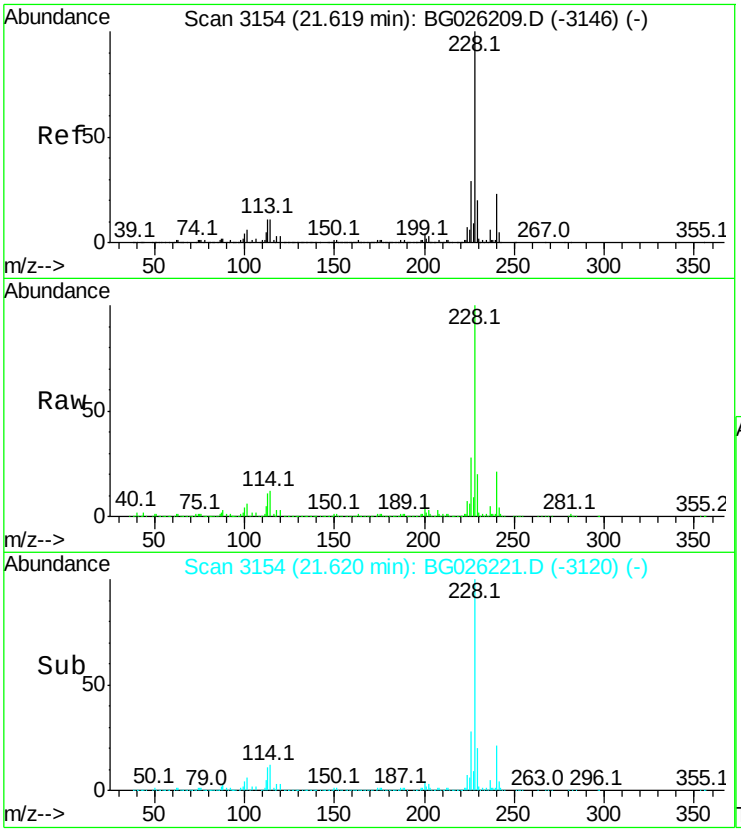


#20
Pyrene
Concen: 18.61 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:202 Resp: 672275

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.2	16.8
100	13.0	9.8	14.6



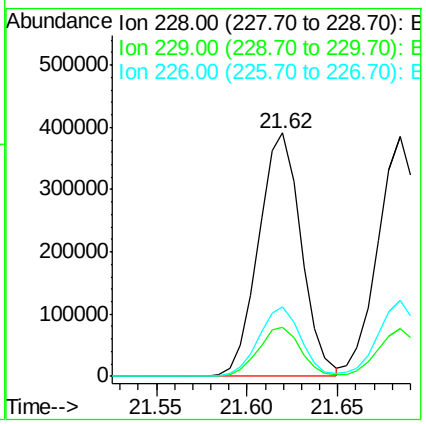


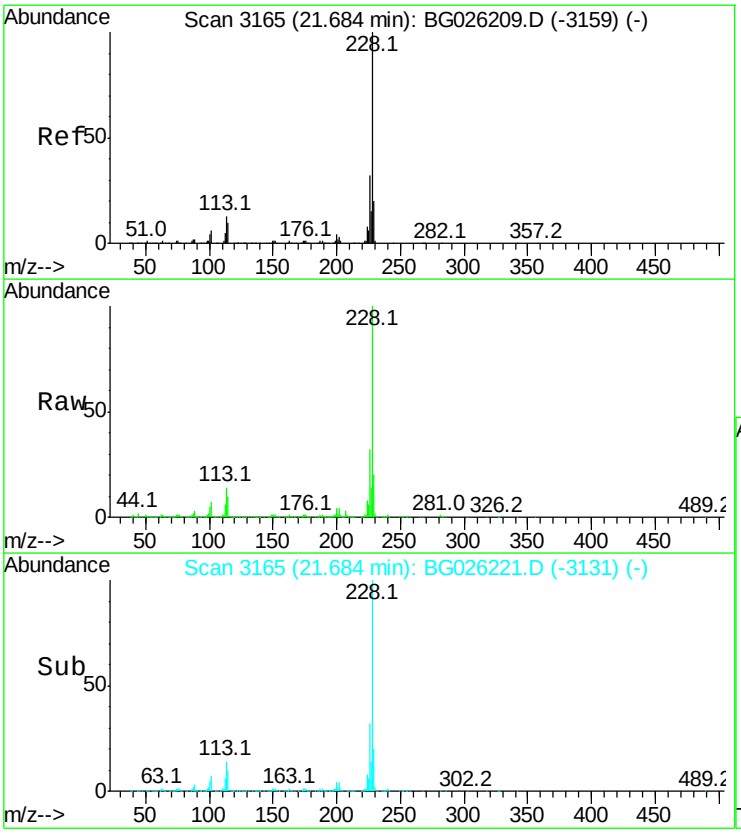
#21
Benzo(a)anthracene
Concen: 20.24 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 639073

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.3	22.1	33.1

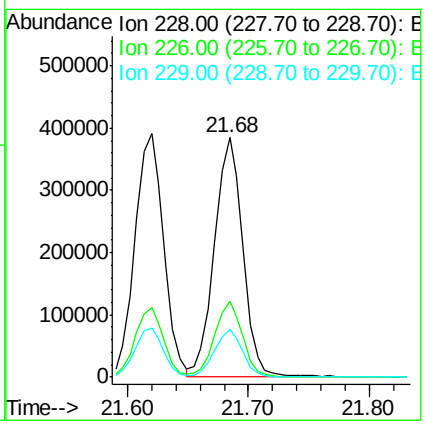


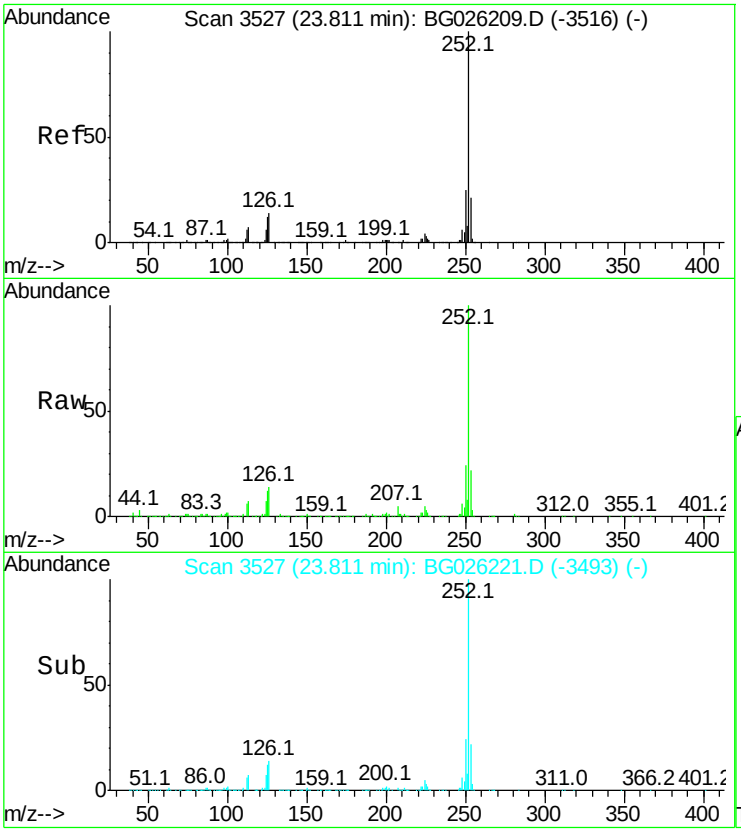


#22
Chrysene
Concen: 21.02 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:228 Resp: 619431

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	19.8	16.6	25.0



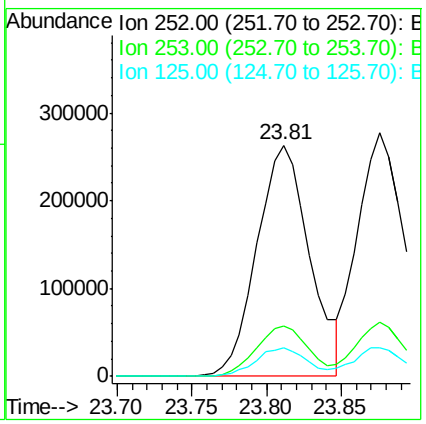


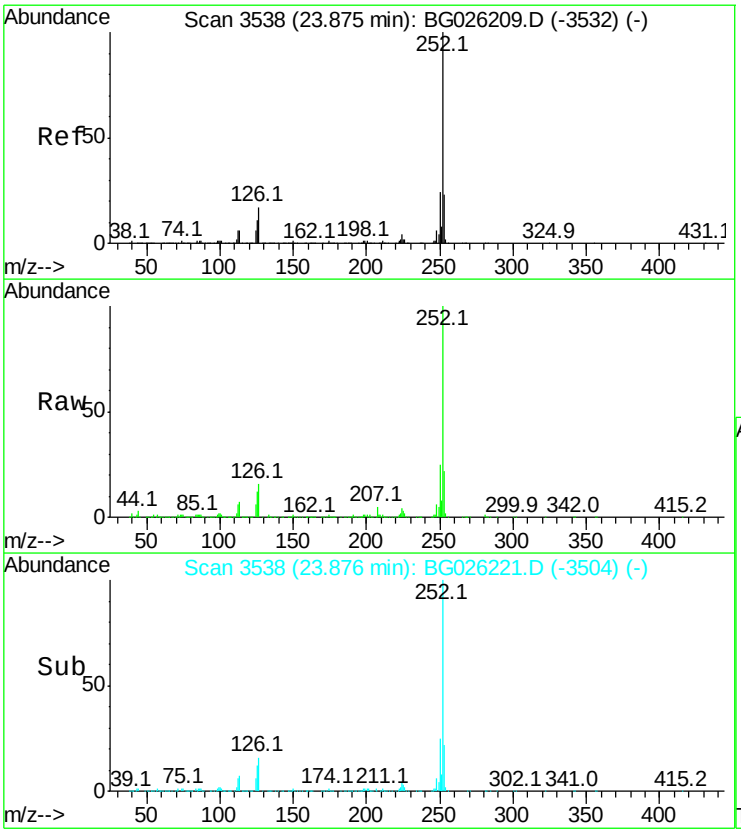
#24
Benzo(b)fluoranthene
Concen: 21.53 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 644681

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	12.4	9.4	14.0

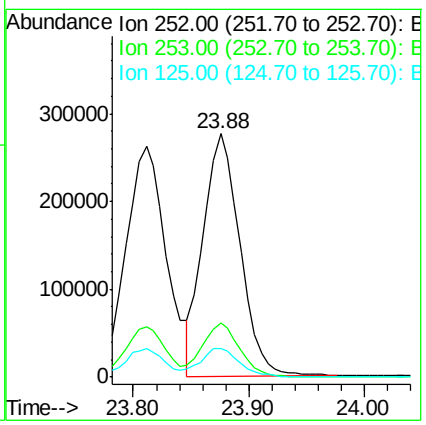


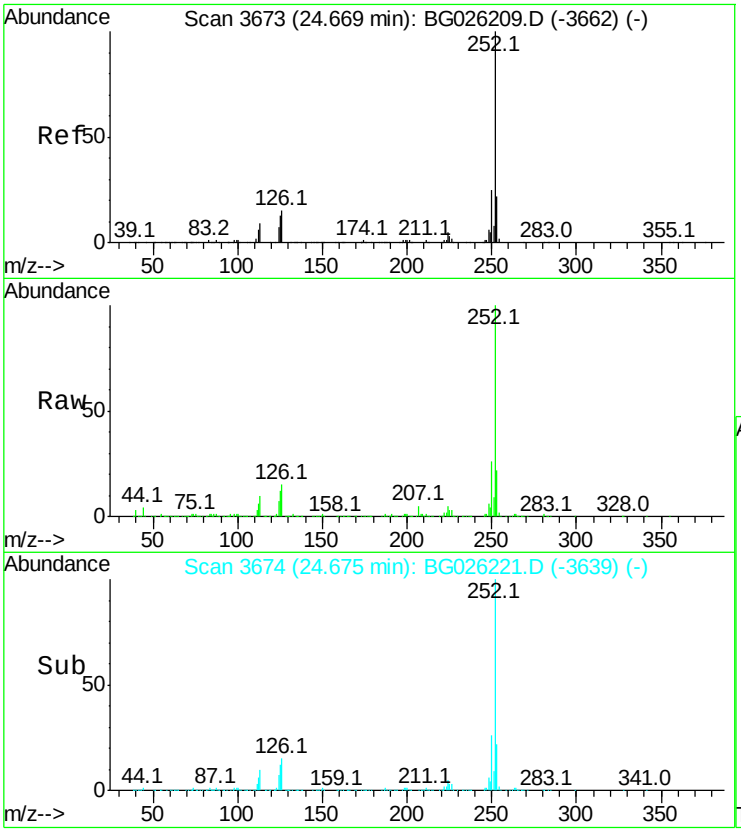


#25
Benzo(k)fluoranthene
Concen: 21.35 ng/ul
RT: 23.88 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:252 Resp: 610235

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	12.0	8.8	13.2



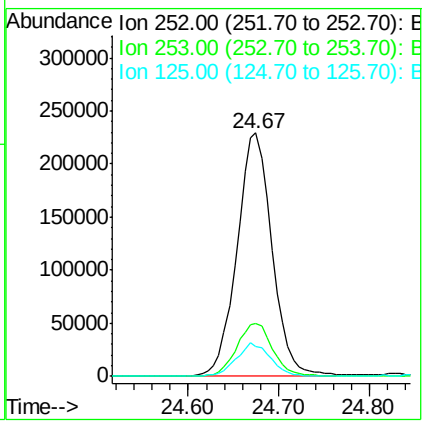


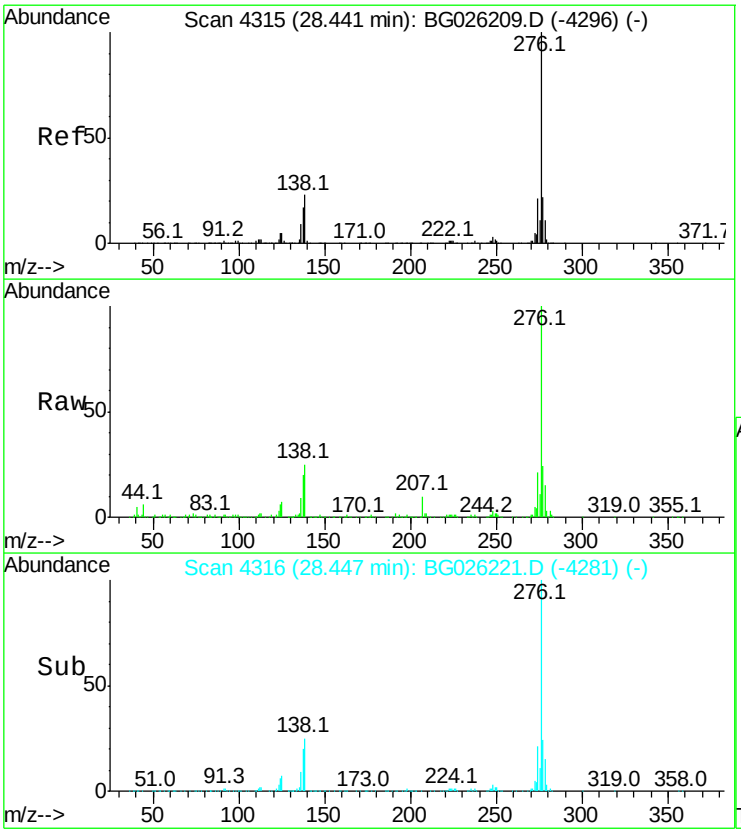
#27
Benzo(a)pyrene
Concen: 21.91 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. 0.01 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 609487

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.0	9.4	14.2

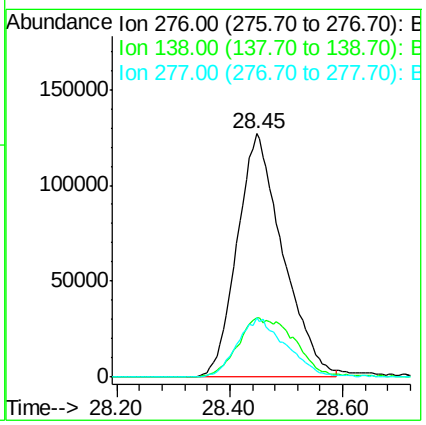


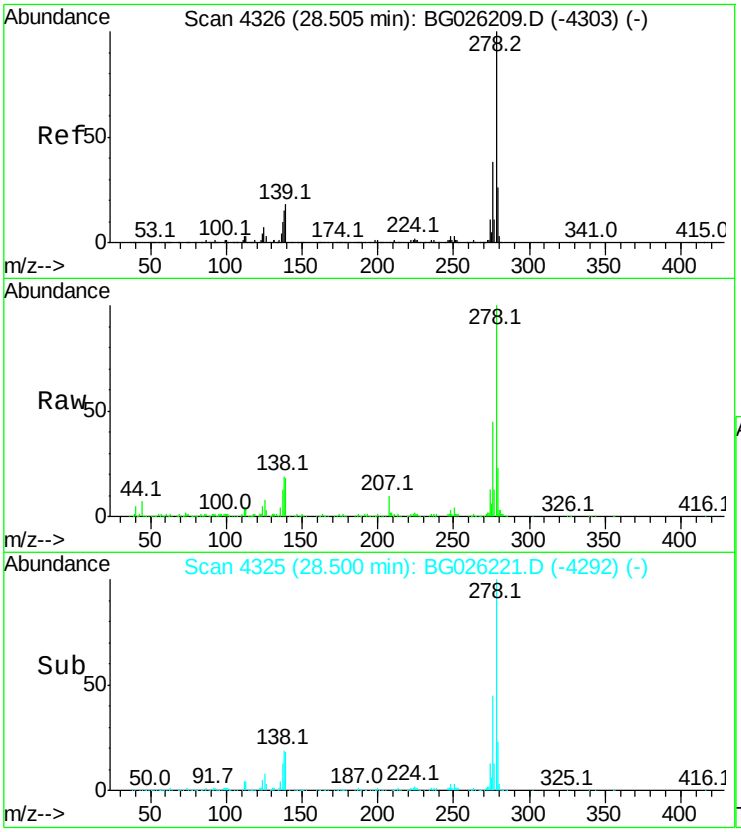


#28
Indeno(1,2,3-cd)pyrene
Concen: 23.05 ng/ul
RT: 28.45 min Scan# 4316
Delta R.T. 0.01 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:276 Resp: 714317

Ion	Ratio	Lower	Upper
276	100		
138	24.5	17.8	26.6
277	24.1	19.4	29.0



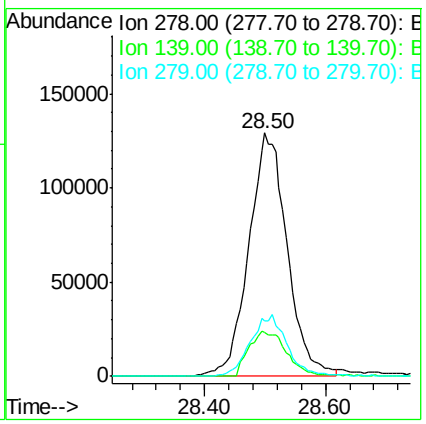


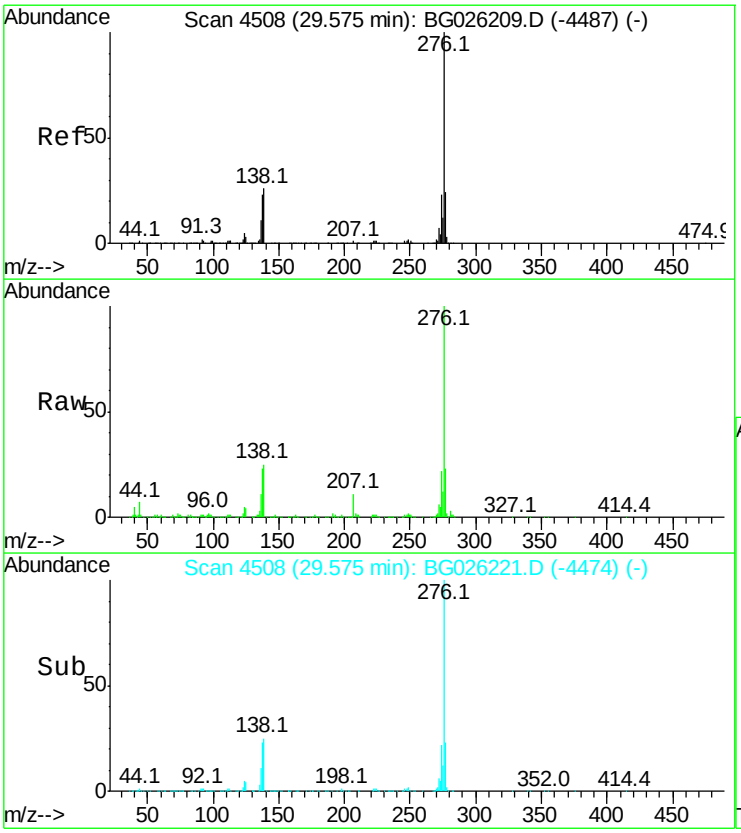
#29
Dibenzo(a,h)anthracene
Concen: 23.35 ng/ul
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 569021

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.0	21.0
279	23.0	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 22.35 ng/ul
RT: 29.57 min Scan# 4508
Delta R.T. 0.00 min
Lab File: BG026221.D
Acq: 13 Mar 2017 21:07

Tgt Ion:276 Resp: 590717

Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.0	28.4
277	23.0	19.7	29.5