Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG052717\
Data File : BG027173.D
Acq On : 27 May 2017 17:30
Operator : SJ/MA
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 29 03:14:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 27 17:00:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	83776	20.00	ng/ul	0.00
2) Naphthalene-d8	10.76	136	354118	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	236731	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	400076	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	347523	20.00	ng/ul	0.00
23) Perylene-d12	24.69	264	357742	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.39	165	99837	20.24	ng/uL	0.00
7) Acenaphthylene-d8	14.27	160	431370	18.29	ng/ul	0.00
10) Fluorene-d10	15.57	176	251932	15.60	ng/ul	0.00
15) Anthracene-d10	17.41	188	381562	19.76	ng/ul	0.00
19) Pyrene-d10	19.70	212	374205	19.59	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.48	264	329548	22.30	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.81	128	359371	20.73	ng/ul	98
5) 2-Methylnaphthalene	12.41	142	291297	22.20	ng/ul	96
8) Acenaphthylene	14.30	152	429575	18.60	ng/ul	99
9) Acenaphthene	14.64	153	333652	21.22	ng/ul	99
11) Fluorene	15.62	166	282103	15.66	ng/ul	98
13) Pentachlorophenol	16.99	266	27568	16.12	ng/uL	96
14) Phenanthrene	17.36	178	433934	19.74	ng/ul	98
16) Anthracene	17.45	178	449941	19.65	ng/ul	99
17) Fluoranthene	19.37	202	468991	21.67	ng/ul	98
20) Pyrene	19.73	202	475461	20.02	ng/ul	100
21) Benzo(a)anthracene	21.54	228	406998	20.06	ng/ul	99
22) Chrysene	21.60	228	373347	20.32	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	411970	21.61	ng/ul	100
25) Benzo(k)fluoranthene	23.76	252	390678	21.18	ng/ul	97
27) Benzo(a)pyrene	24.55	252	399326	22.15	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.27	276	466288	19.63	ng/ul	95
29) Dibenzo(a,h)anthracene	28.31	278	399661	20.11	ng/ul	96
30) Benzo(g,h,i)perylene	29.38	276	385472	20.36	ng/ul	98

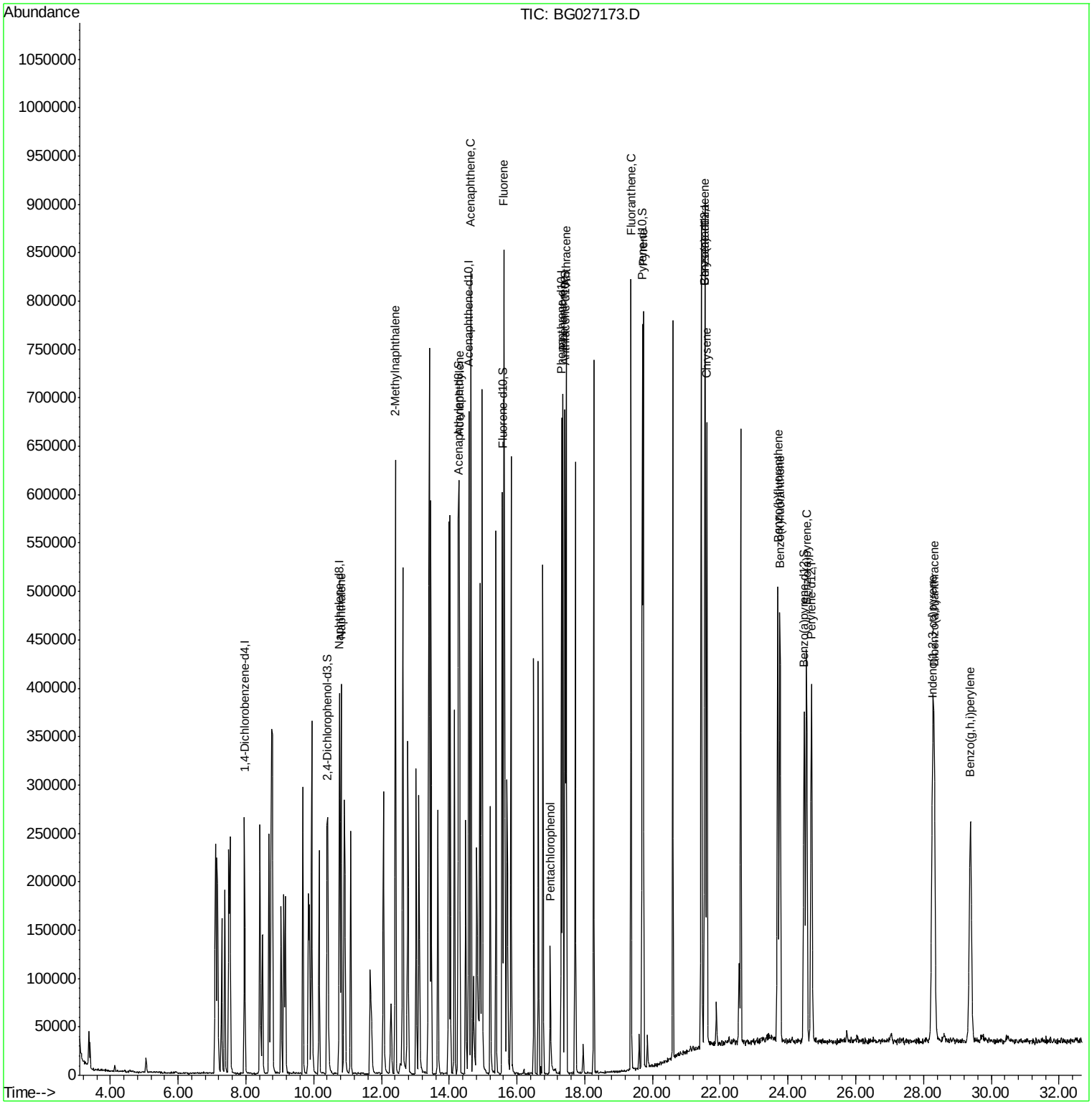
(#) = qualifier out of range (m) = manual integration (+) = signals summed

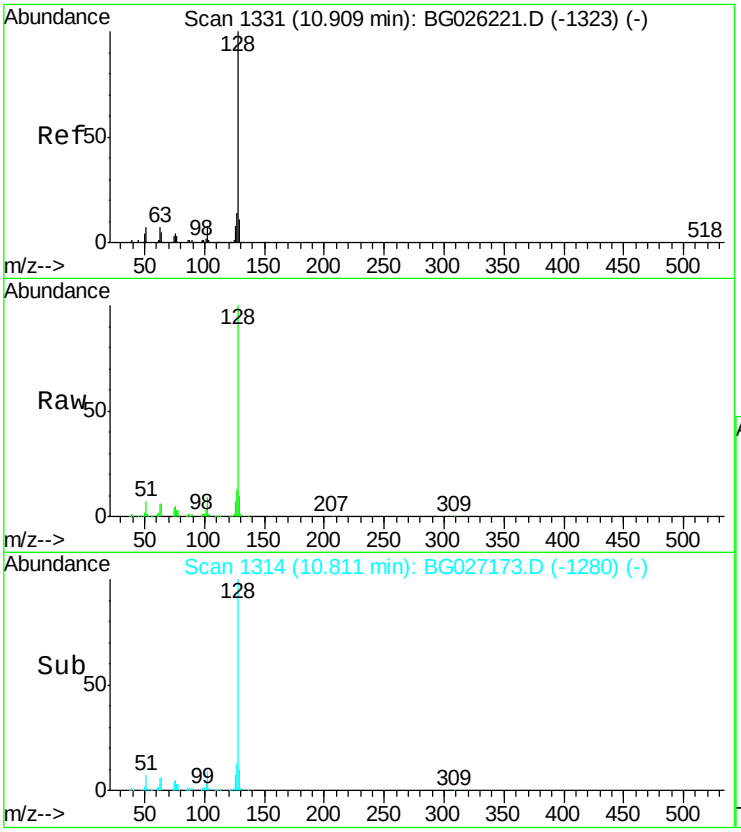
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG052717\
Data File : BG027173.D
Acq On : 27 May 2017 17:30
Operator : SJ/MA
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 29 03:14:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 27 17:00:58 2017
Response via : Initial Calibration



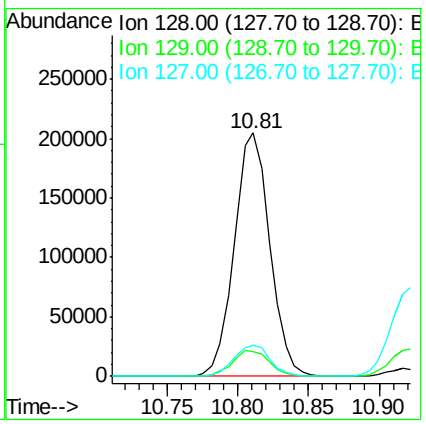


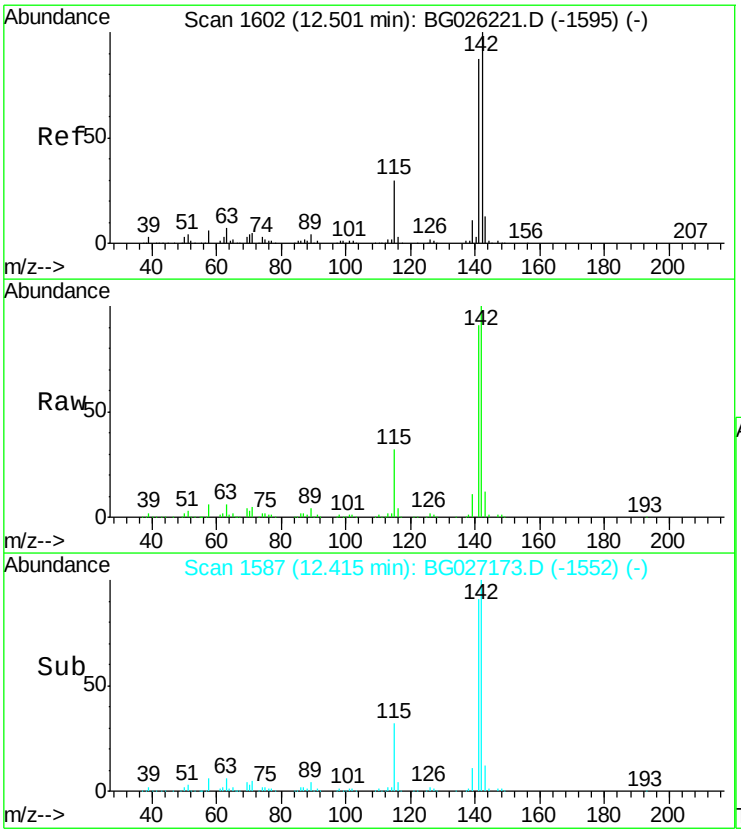
#4
Naphthalene
Concen: 20.73 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 359371

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.1	13.7
127	13.0	10.6	15.8

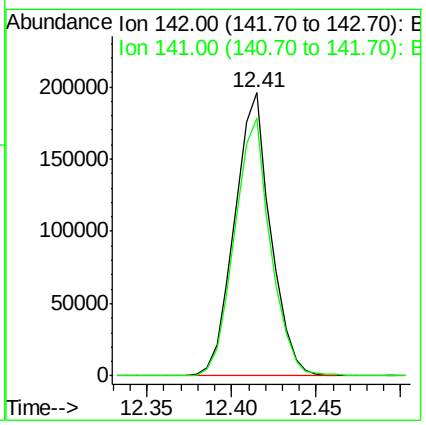


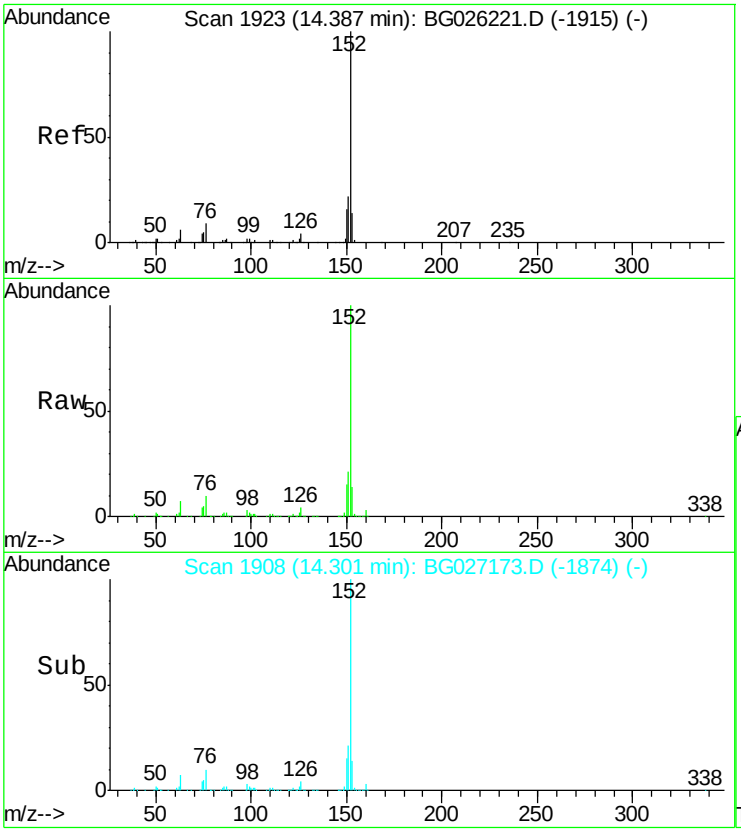


#5
2-Methylnaphthalene
Concen: 22.20 ng/ul
RT: 12.41 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:142 Resp: 291297

Ion	Ratio	Lower	Upper
142	100		
141	90.9	69.8	104.8



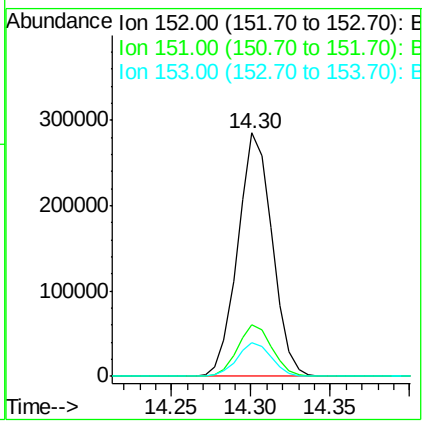


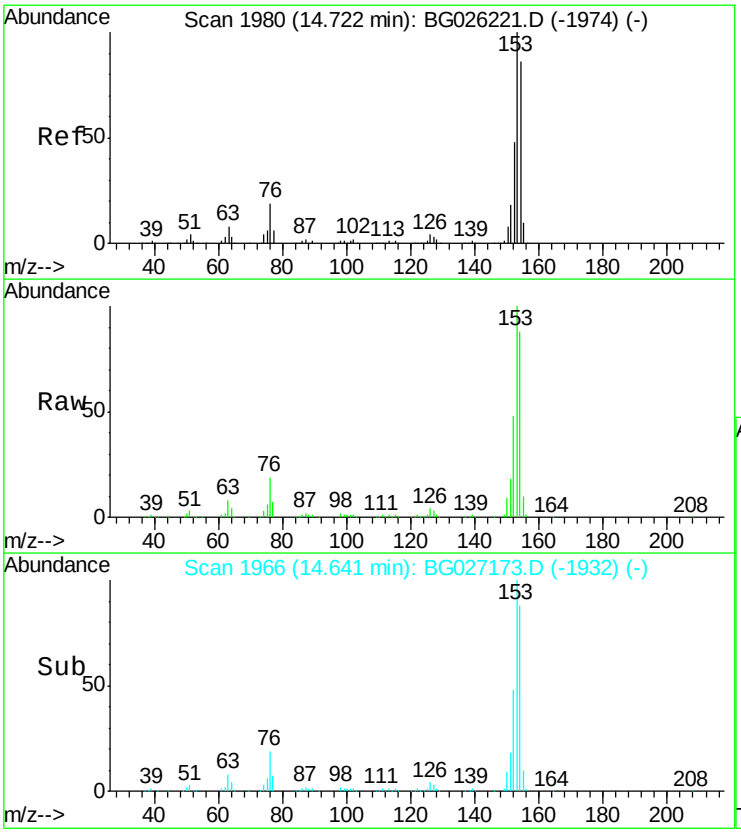
#8
Acenaphthylene
Concen: 18.60 ng/ul
RT: 14.30 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 429575

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3
153	13.8	10.6	16.0

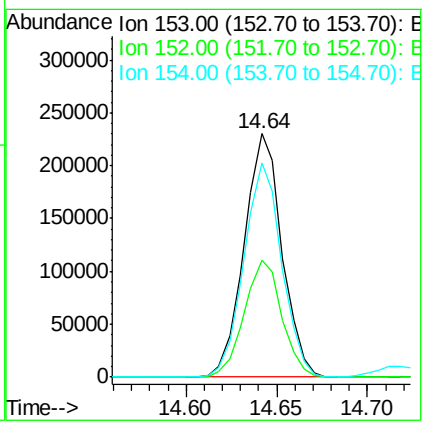


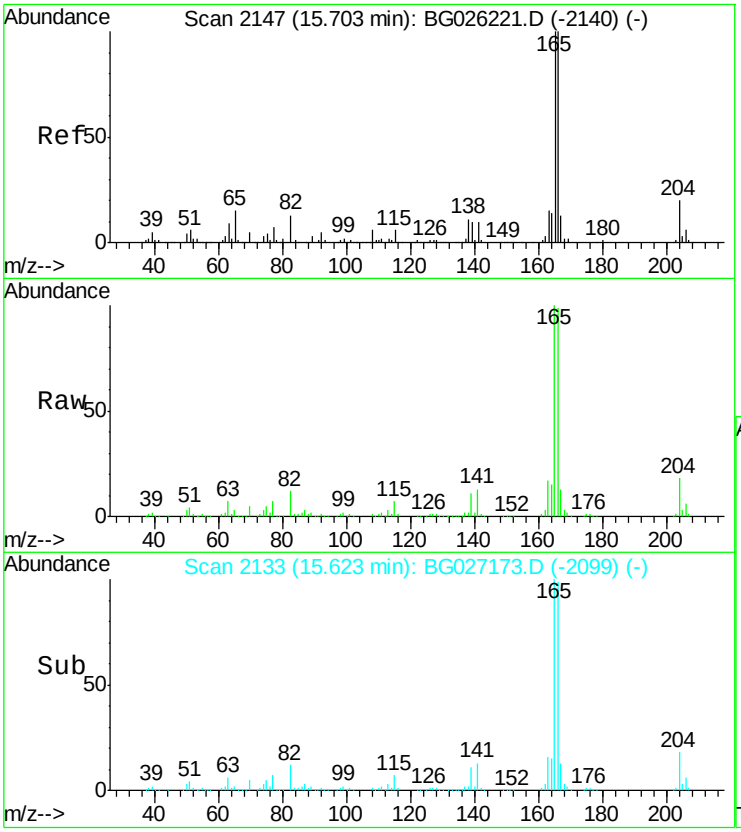


#9
Acenaphthene
Concen: 21.22 ng/ul
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:153 Resp: 333652

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.9	56.9
154	88.2	71.6	107.4



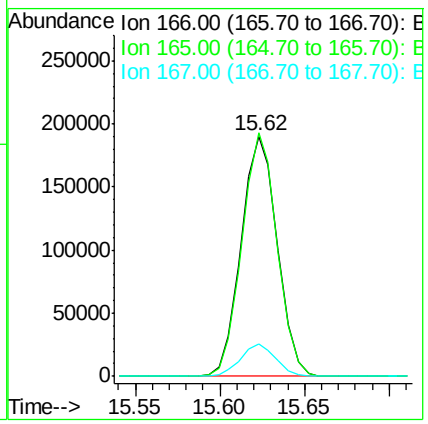


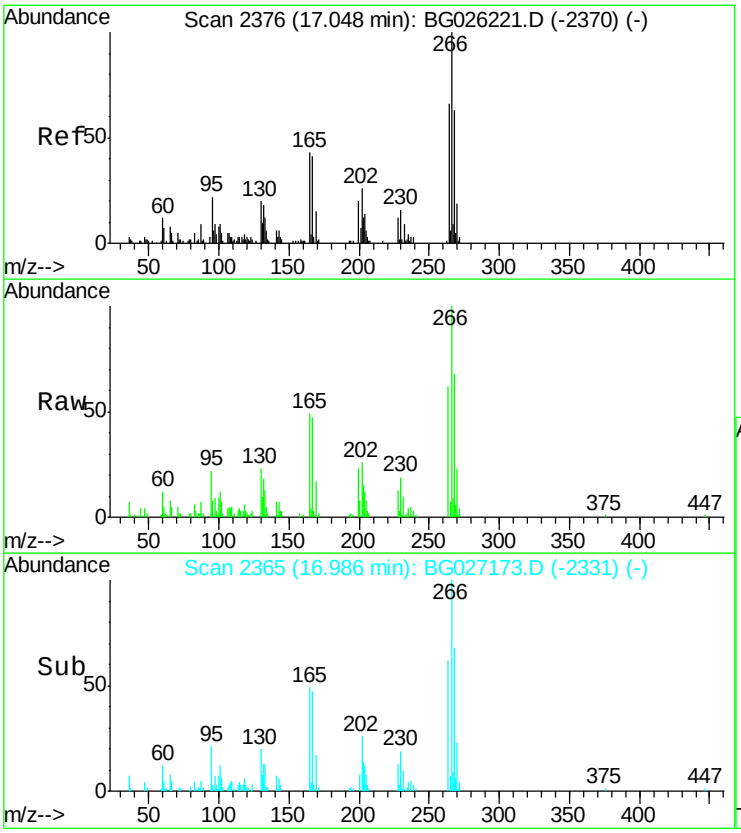
#11
Fluorene
Concen: 15.66 ng/ul
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 282103

Ion	Ratio	Lower	Upper
166	100		
165	101.5	80.0	120.0
167	13.3	11.6	17.4

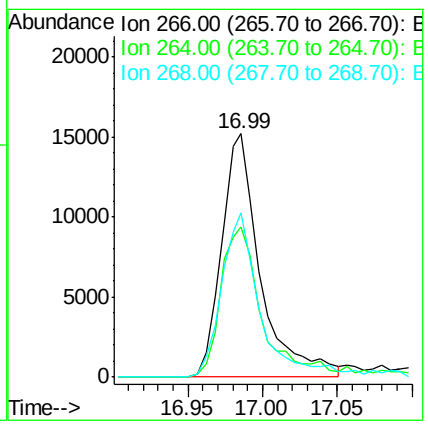


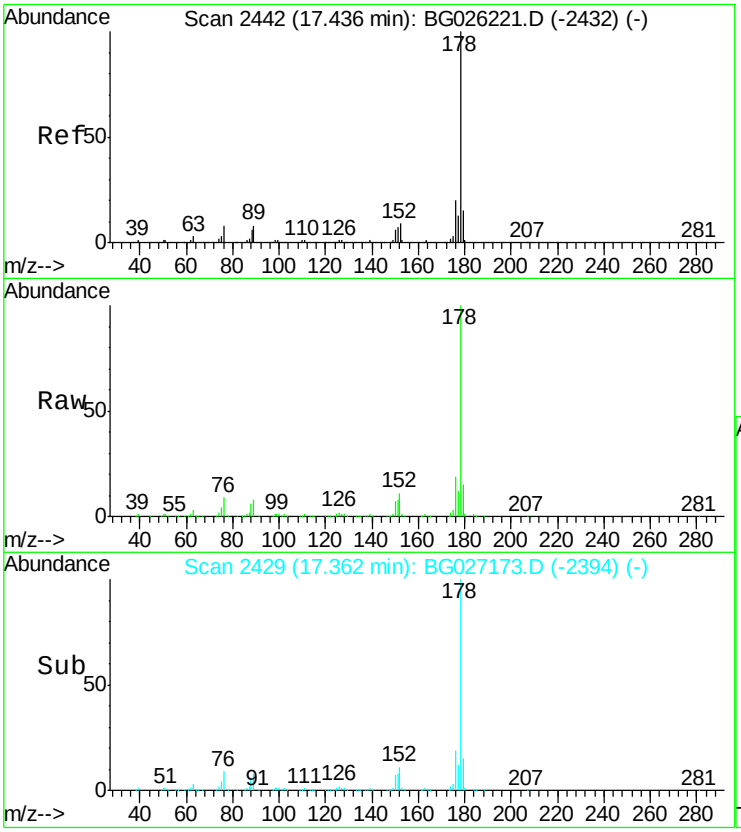


#13
Pentachlorophenol
Concen: 16.12 ng/uL
RT: 16.99 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:266 Resp: 27568

Ion	Ratio	Lower	Upper
266	100		
264	61.6	52.0	78.0
268	67.5	51.2	76.8



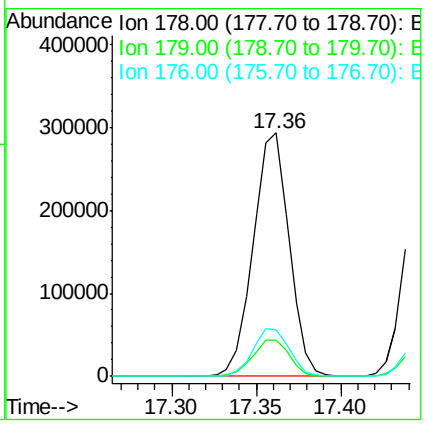


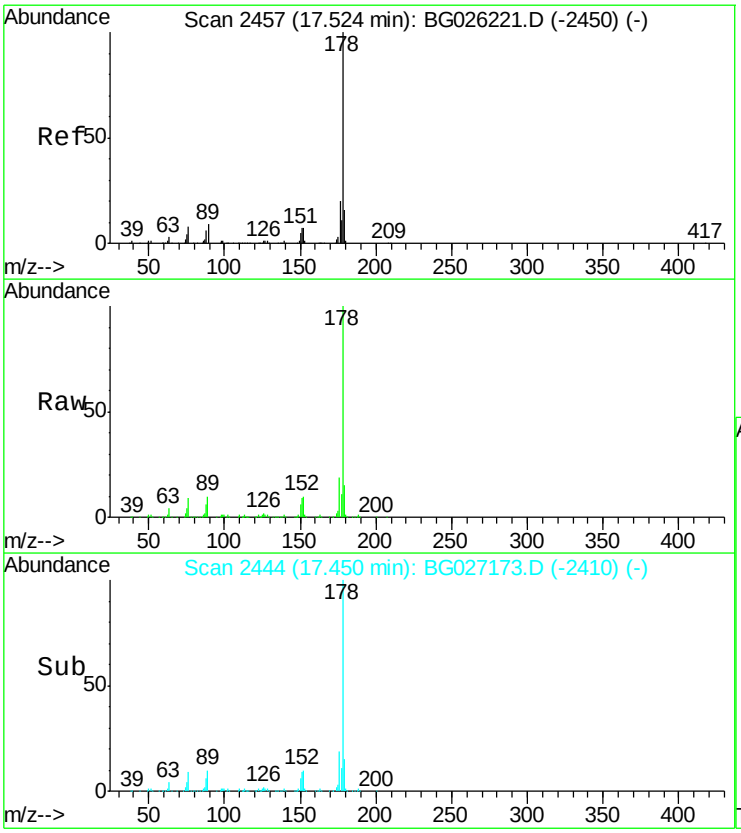
#14
Phenanthrene
Concen: 19.74 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 433934

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.2	16.4	24.6

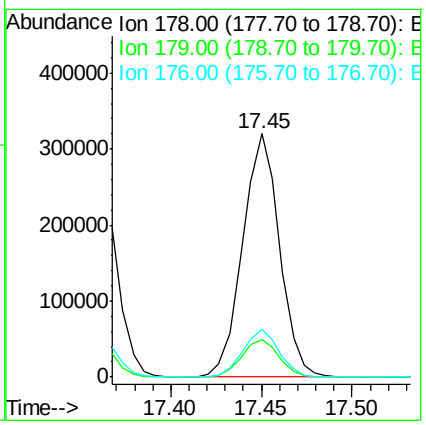


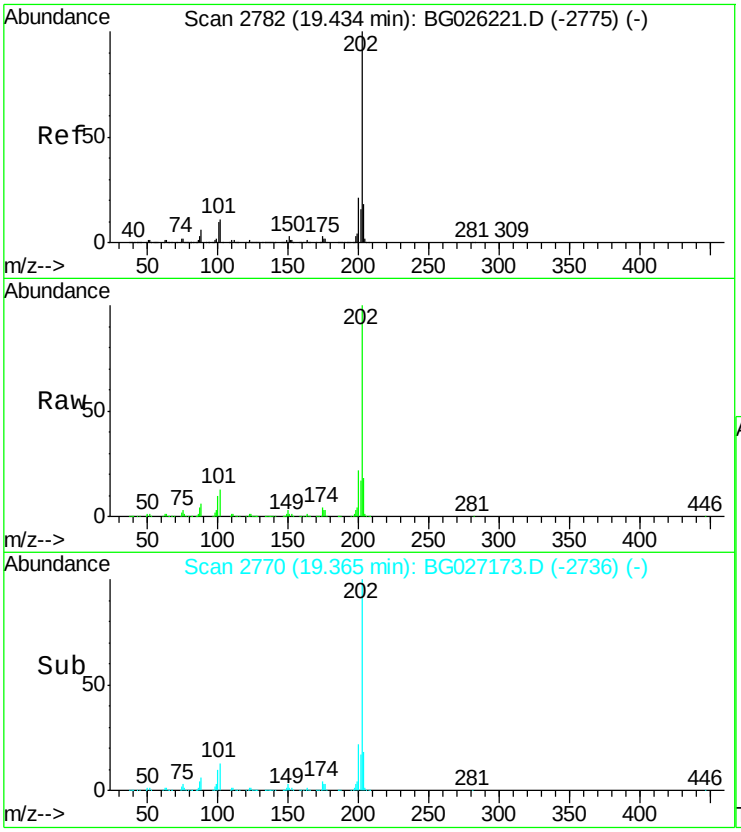


#16
Anthracene
Concen: 19.65 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:178 Resp: 449941

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	19.4	15.8	23.8



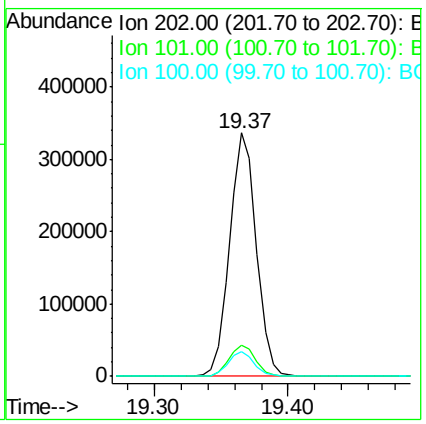


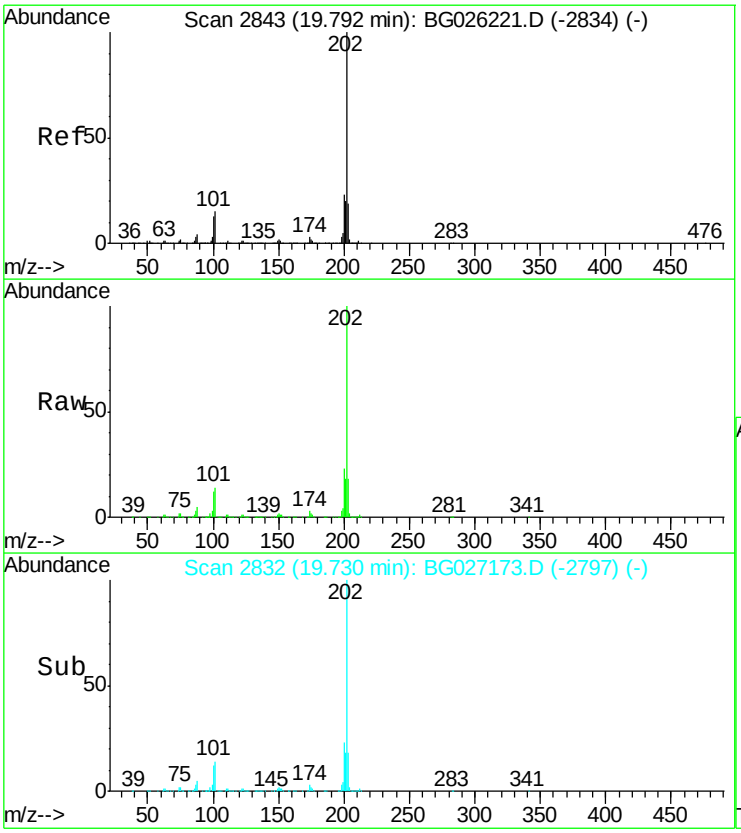
#17
Fluoranthene
Concen: 21.67 ng/ul
RT: 19.37 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 468991

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.8
100	10.1	7.5	11.3

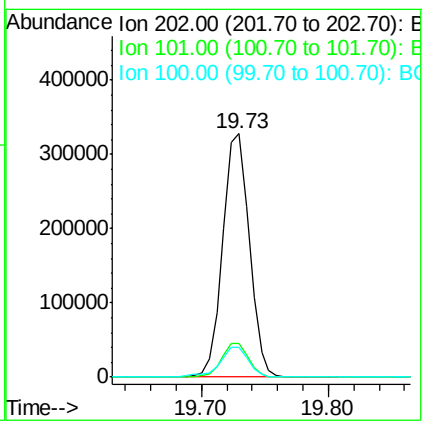


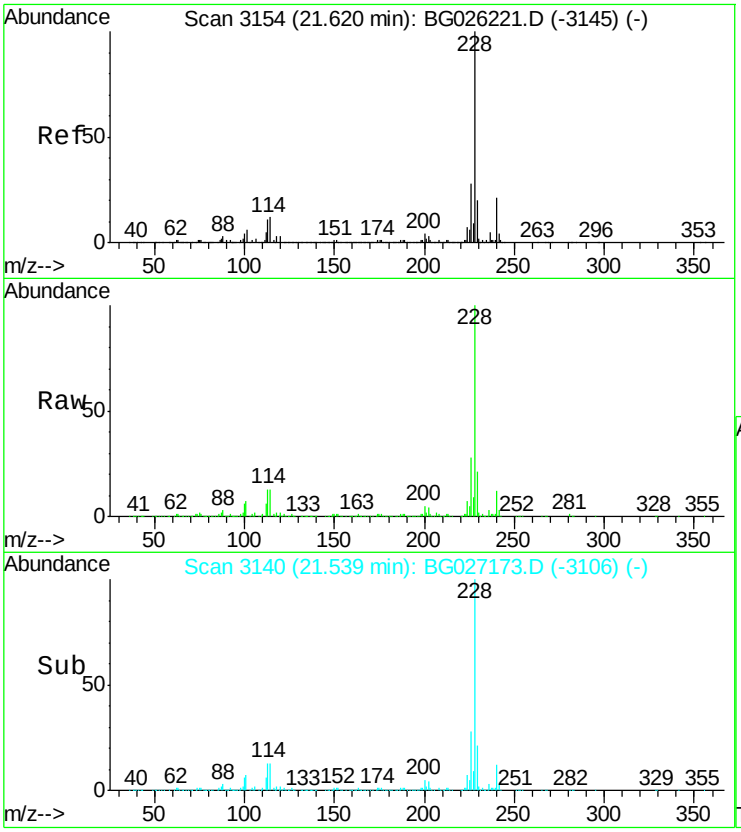


#20
Pyrene
Concen: 20.02 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:202 Resp: 475461

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.2	16.8
100	12.2	9.8	14.6



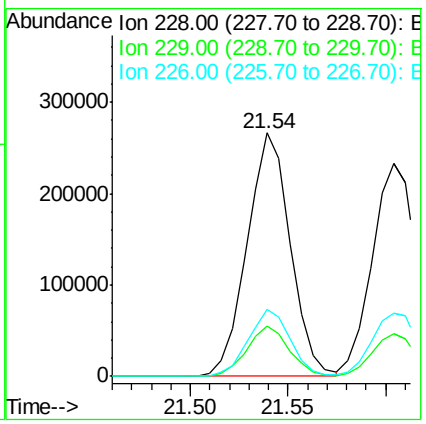


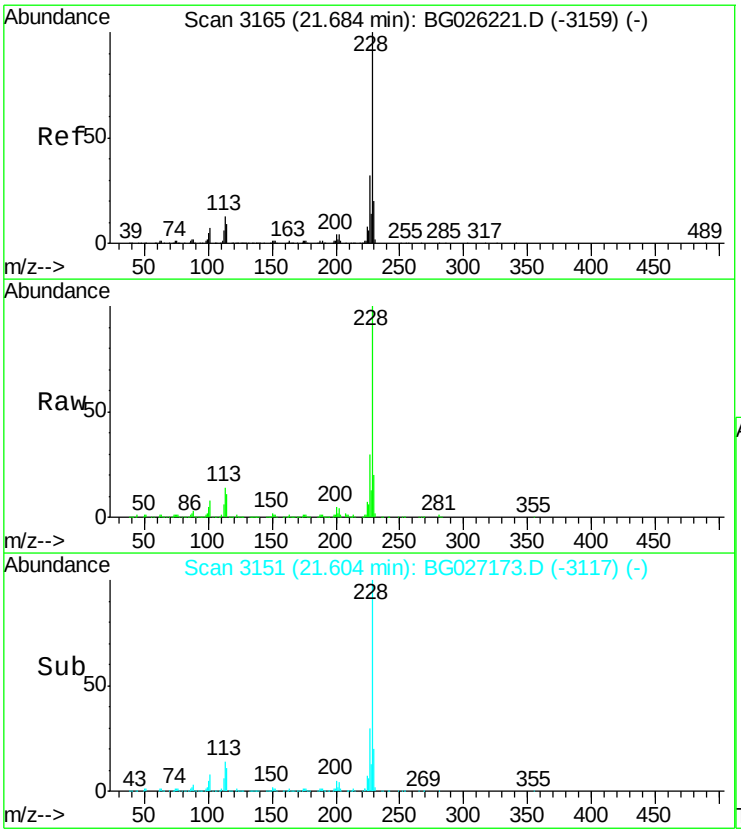
#21
Benzo(a)anthracene
Concen: 20.06 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 406998

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	27.7	22.1	33.1

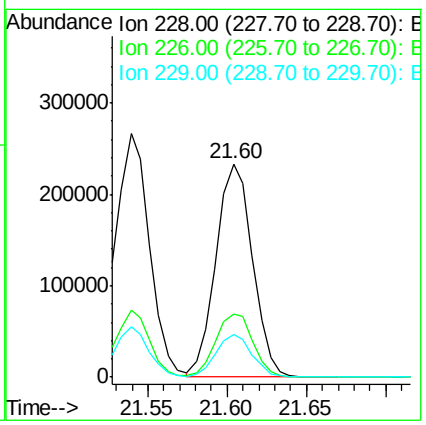


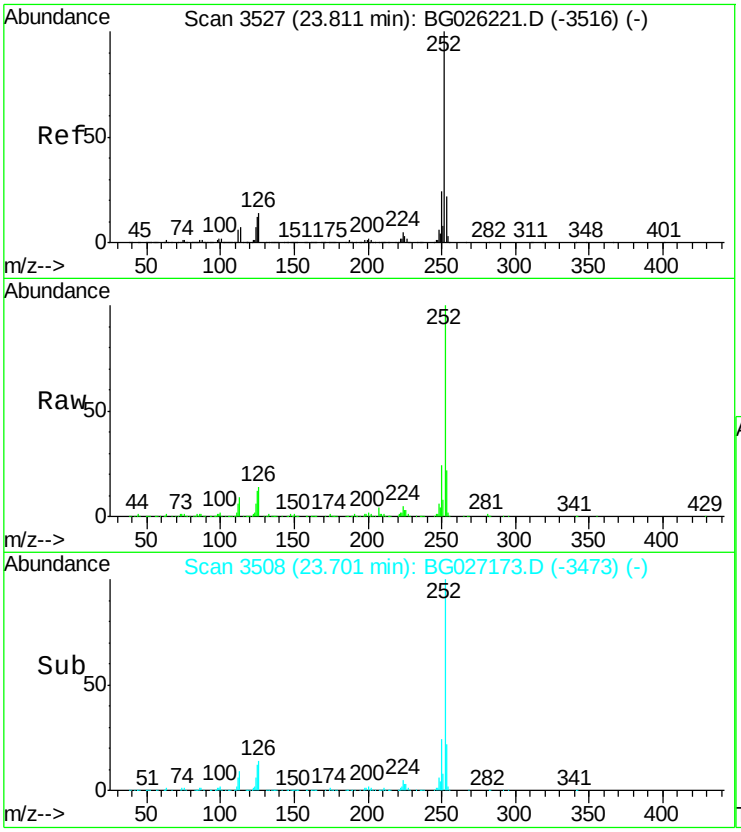


#22
Chrysene
Concen: 20.32 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:228 Resp: 373347

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.0	16.6	25.0



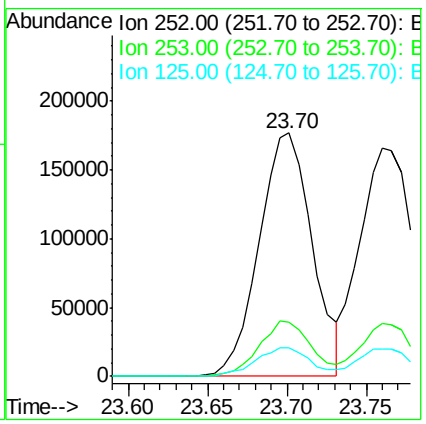


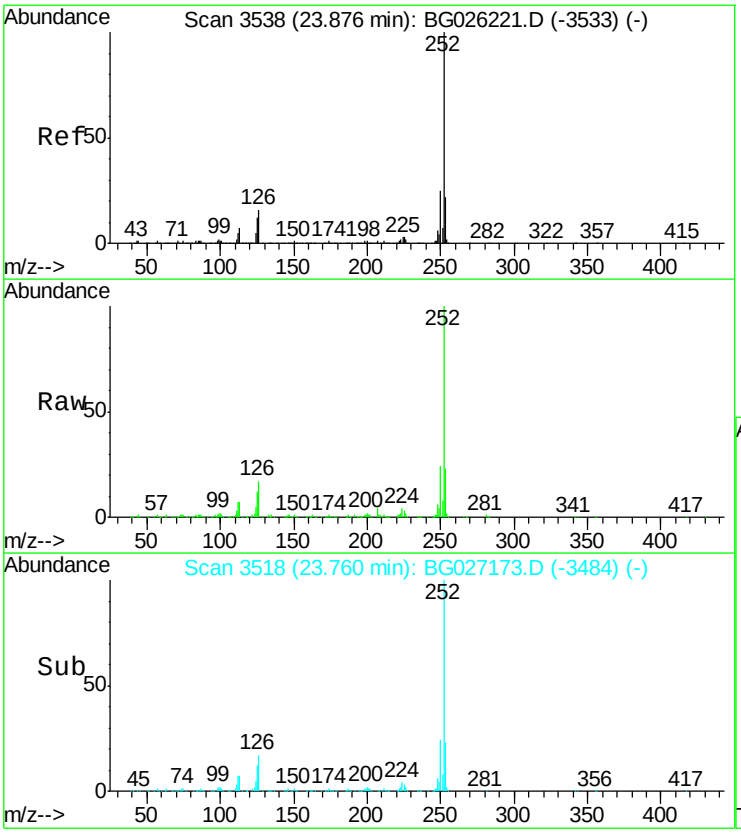
#24
Benzo(b)fluoranthene
Concen: 21.61 ng/ul
RT: 23.70 min Scan# 3508
Delta R.T. 0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 411970

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.8	9.4	14.0

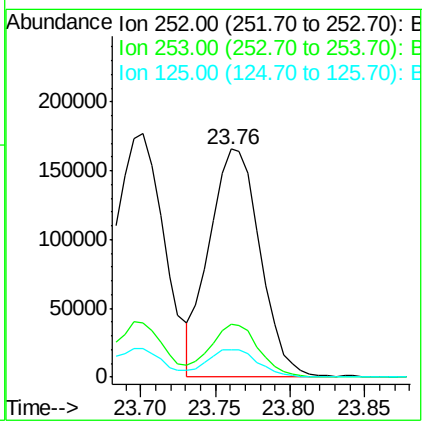


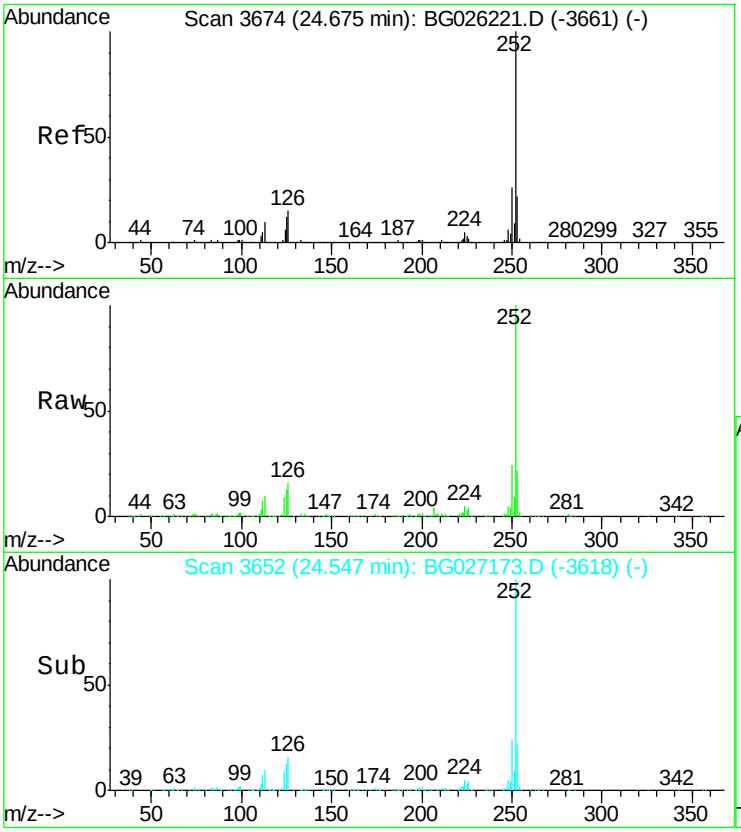


#25
Benzo(k)fluoranthene
Concen: 21.18 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:252 Resp: 390678

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	12.2	8.8	13.2



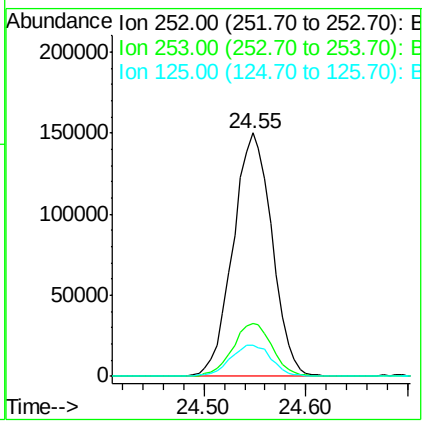


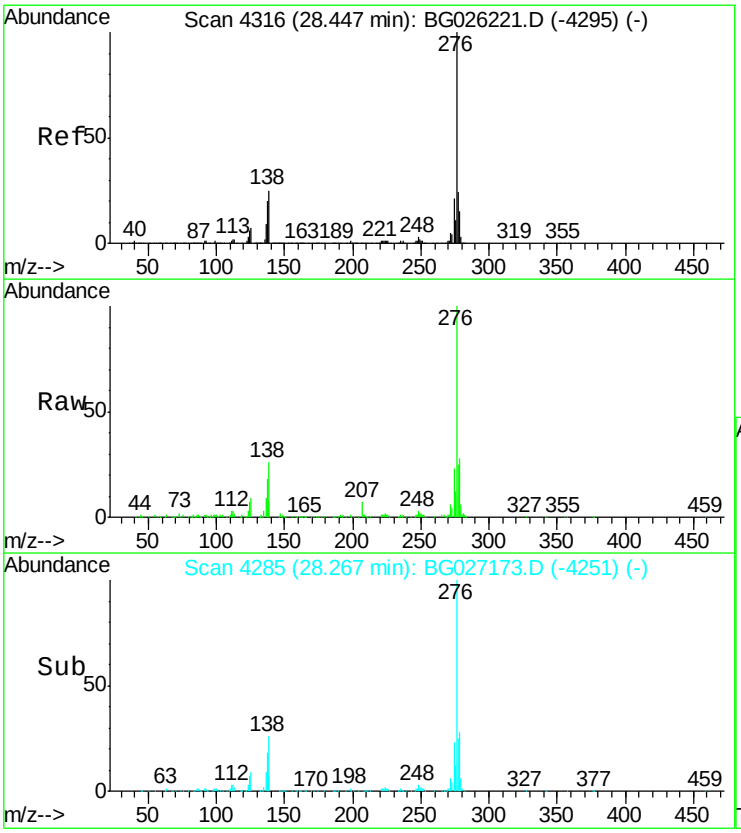
#27
Benzo(a)pyrene
Concen: 22.15 ng/ul
RT: 24.55 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 399326

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.7	9.4	14.2

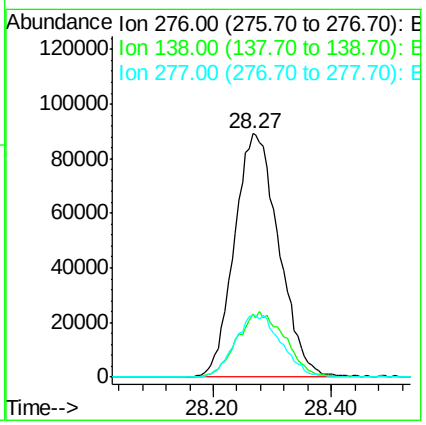


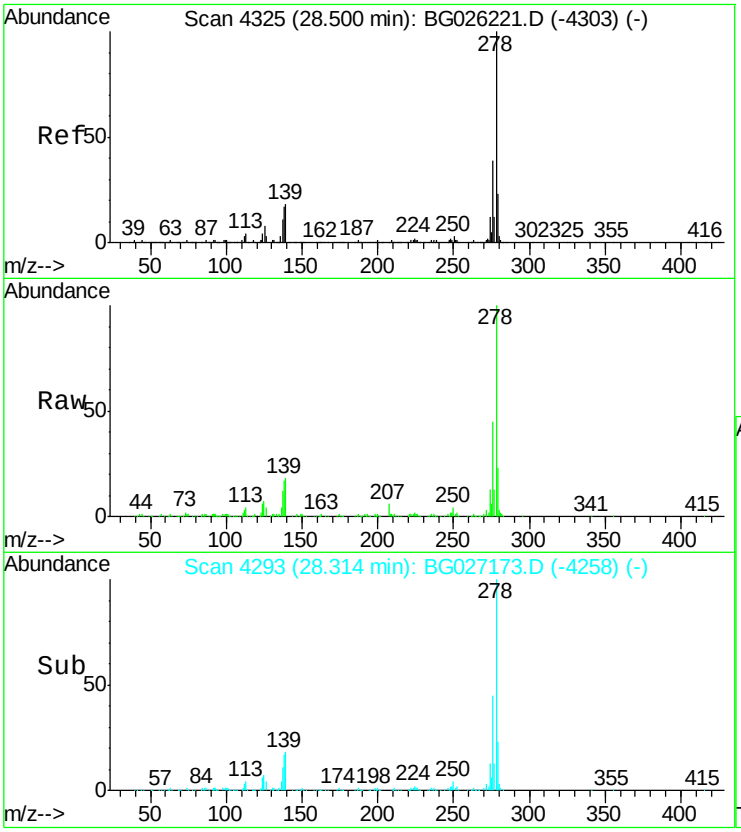


#28
Indeno(1,2,3-cd)pyrene
Concen: 19.63 ng/ul
RT: 28.27 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:276 Resp: 466288

Ion	Ratio	Lower	Upper
276	100		
138	26.0	17.8	26.6
277	25.3	19.4	29.0



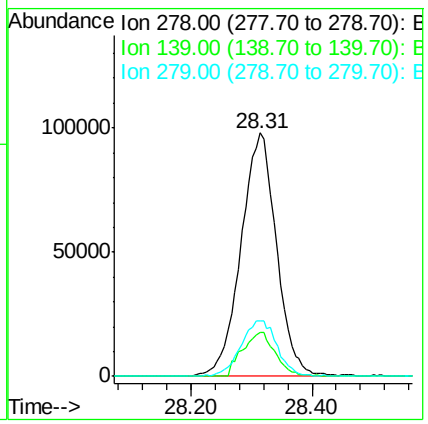


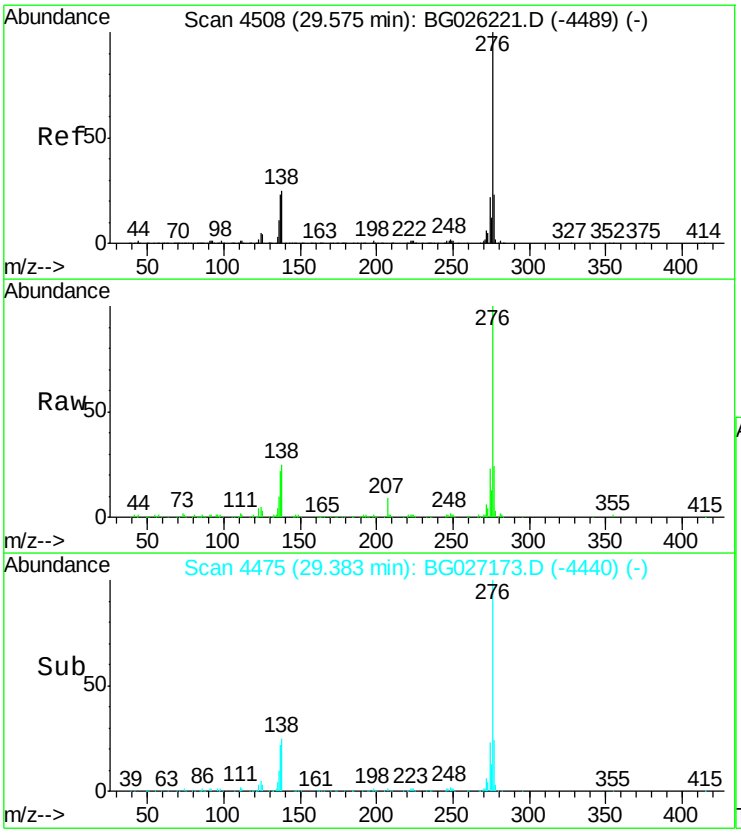
#29
Dibenzo(a,h)anthracene
Concen: 20.11 ng/ul
RT: 28.31 min Scan# 4293
Delta R.T. 0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 399661

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.0	21.0
279	22.6	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 20.36 ng/ul
RT: 29.38 min Scan# 4475
Delta R.T. 0.00 min
Lab File: BG027173.D
Acq: 27 May 2017 17:30

Tgt Ion:276 Resp: 385472

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.0	28.4
277	24.3	19.7	29.5