Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052717\
Data File : BG027188.D
Acq On : 28 May 2017 3:22
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 29 03:27:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 29 03:25:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	66166	20.00	ng/ul	0.00
2) Naphthalene-d8	10.76	136	476603	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	289817	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	662468	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	486382	20.00	ng/ul	0.00
23) Perylene-d12	24.69	264	610601	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.39	165	137514	20.72	ng/uL	0.00
7) Acenaphthylene-d8	14.27	160	489851	16.96	ng/ul	0.00
10) Fluorene-d10	15.57	176	409974	20.74	ng/ul	0.00
15) Anthracene-d10	17.41	188	630469	19.72	ng/ul	0.00
19) Pyrene-d10	19.70	212	627943	23.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.48	264	552829	21.92	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.81	128	487792	20.91	ng/ul	98
5) 2-Methylnaphthalene	12.41	142	358349	20.29	ng/ul	94
8) Acenaphthylene	14.30	152	483610	17.10	ng/ul	99
9) Acenaphthene	14.64	153	399296	20.74	ng/ul	97
11) Fluorene	15.62	166	459961	20.86	ng/ul	99
13) Pentachlorophenol	16.98	266	47225	16.68	ng/uL	96
14) Phenanthrene	17.35	178	729604	20.04	ng/ul	99
16) Anthracene	17.45	178	753746	19.88	ng/ul	100
17) Fluoranthene	19.36	202	775247	21.64	ng/ul#	92
20) Pyrene	19.73	202	802511	24.14	ng/ul#	94
21) Benzo(a)anthracene	21.54	228	582785	20.53	ng/ul	100
22) Chrysene	21.60	228	466234	18.13	ng/ul	98
24) Benzo(b)fluoranthene	23.69	252	696870	21.42	ng/ul#	96
25) Benzo(k)fluoranthene	23.76	252	668853	21.24	ng/ul#	96
27) Benzo(a)pyrene	24.55	252	667771	21.70	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	28.26	276	791819	19.53	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.31	278	669942	19.75	ng/ul#	94
30) Benzo(g,h,i)perylene	29.37	276	657152	20.34	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052717\
Data File : BG027188.D
Acq On : 28 May 2017 3:22
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION
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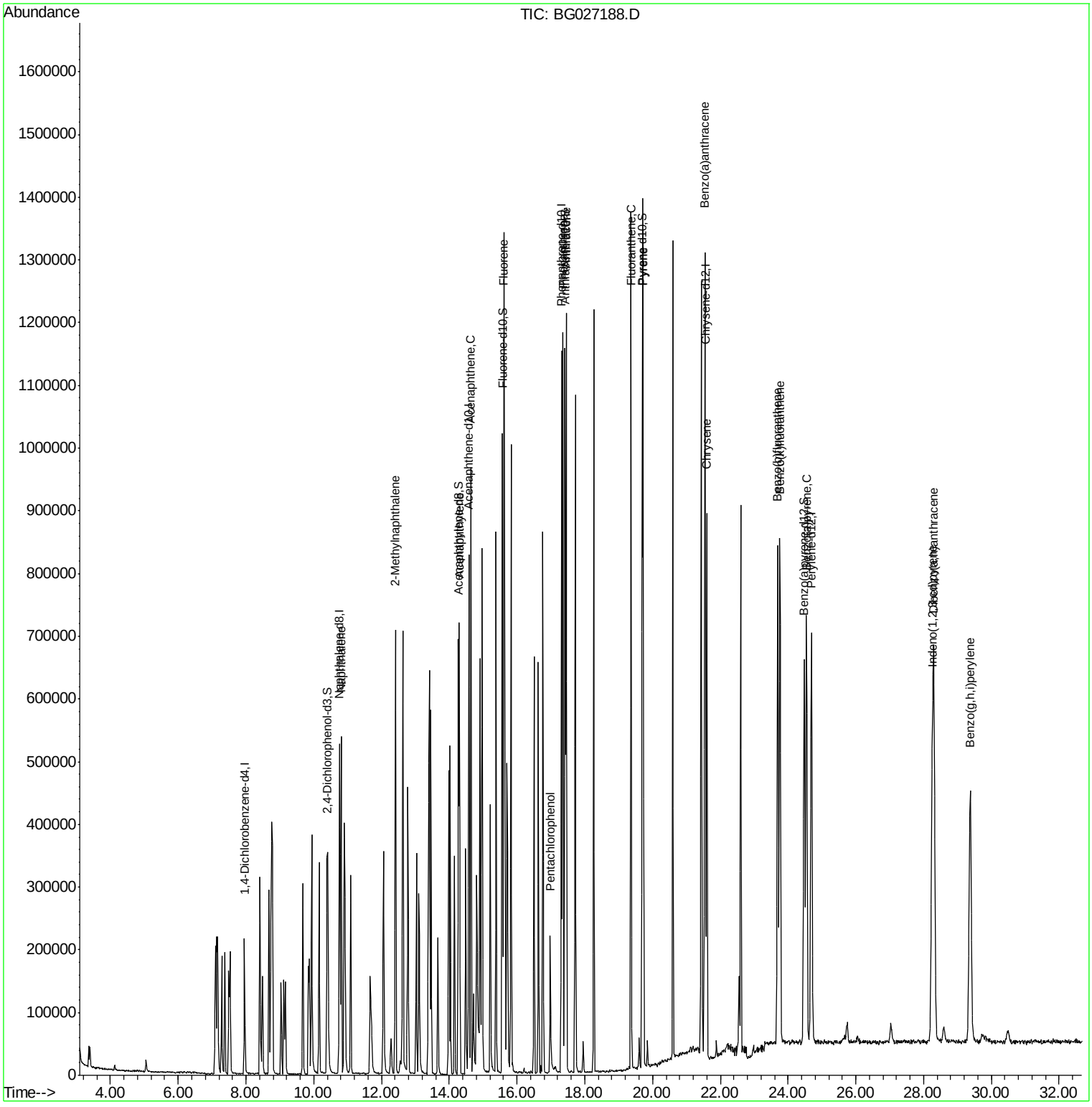
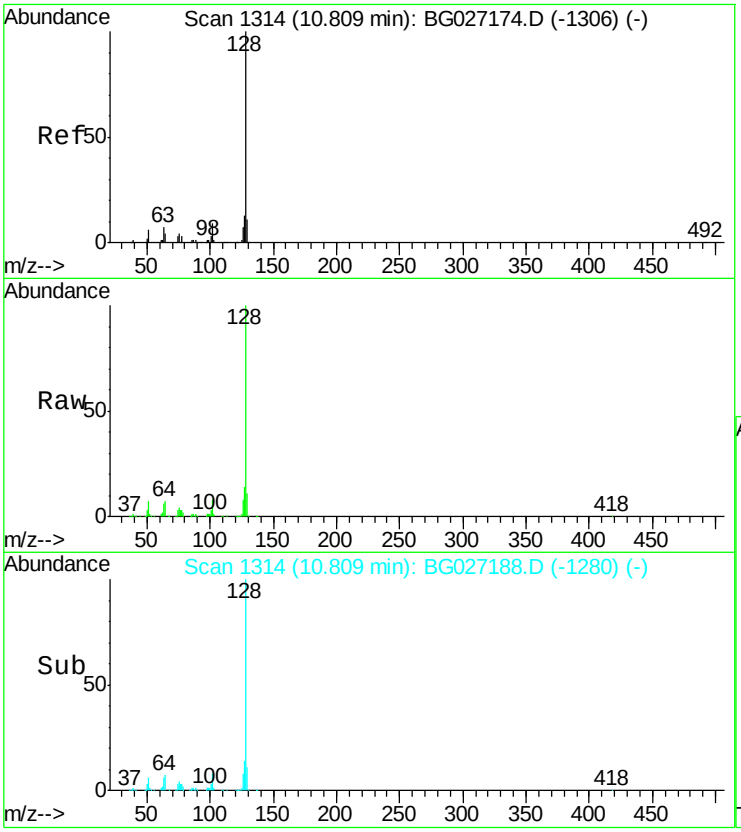


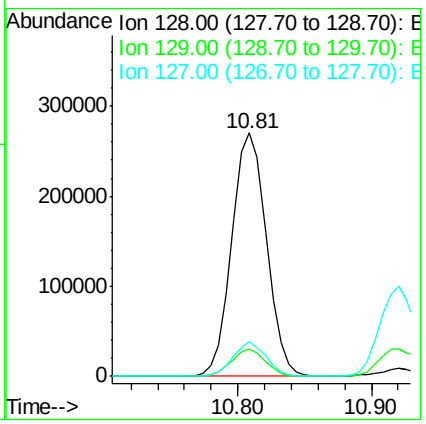


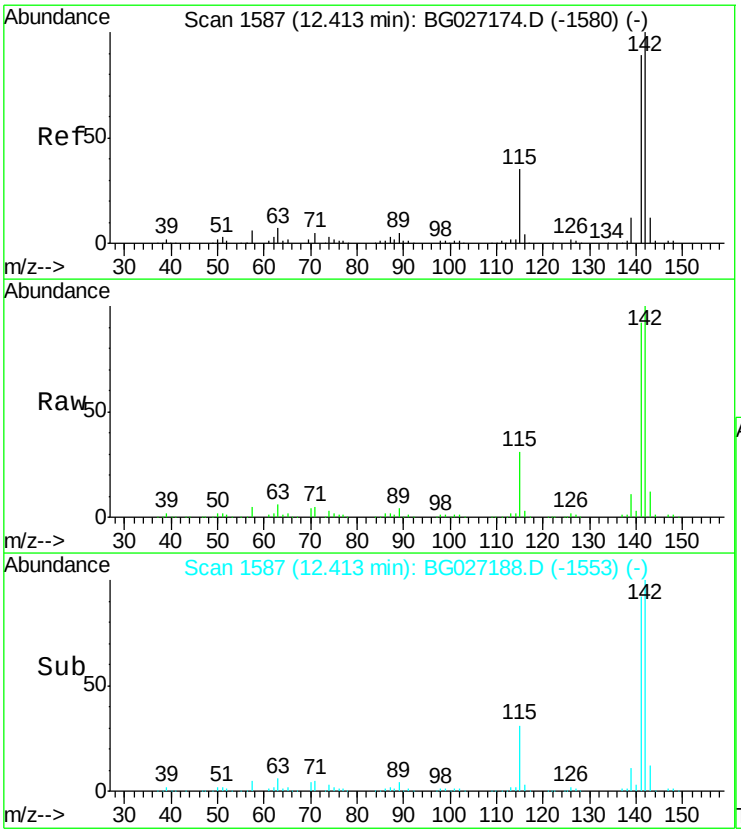
#4
Naphthalene
Concen: 20.91 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 487792

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

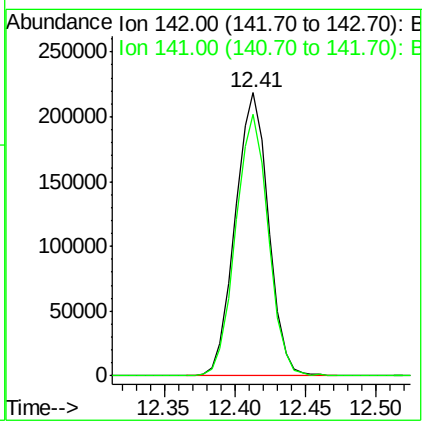


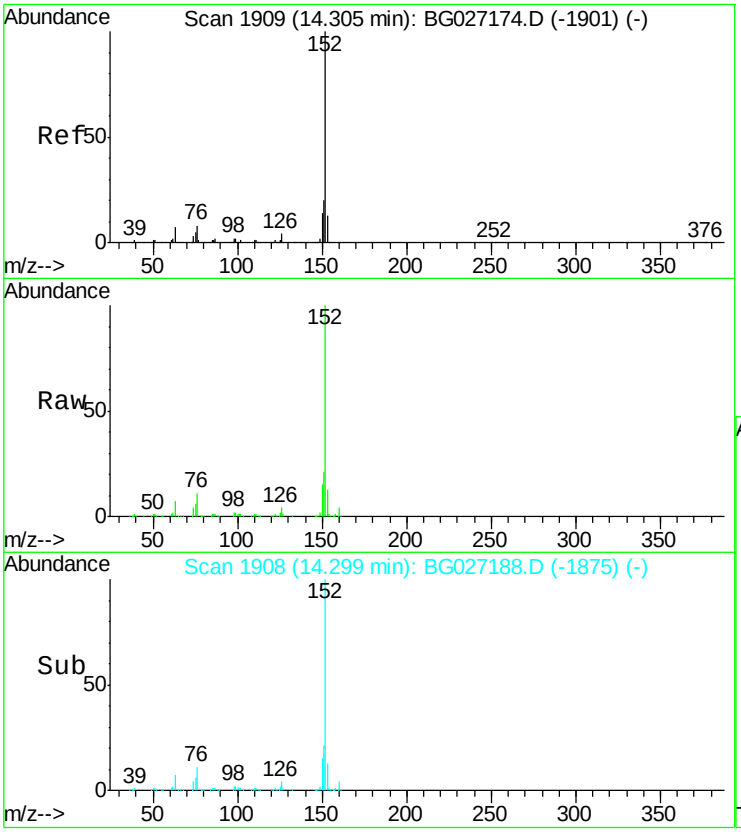


#5
2-Methylnaphthalene
Concen: 20.29 ng/ul
RT: 12.41 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:142 Resp: 358349

Ion	Ratio	Lower	Upper
142	100		
141	92.5	69.8	104.8



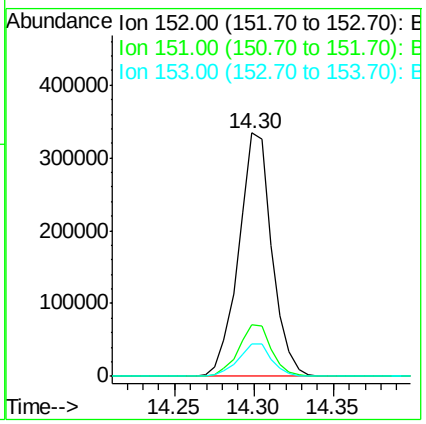


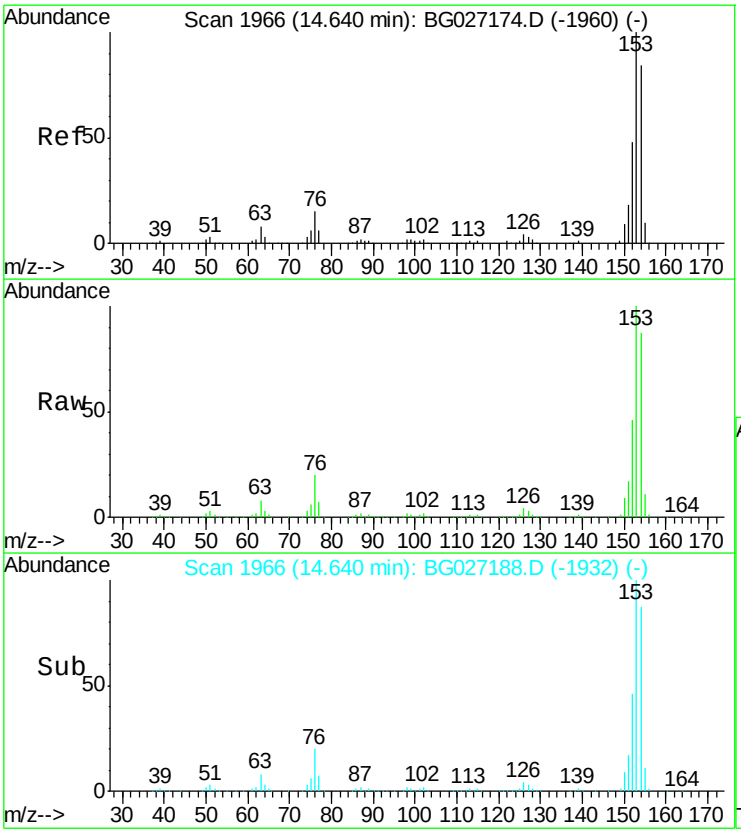
#8
Acenaphthylene
Concen: 17.10 ng/ul
RT: 14.30 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 483610

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3
153	13.4	10.6	16.0

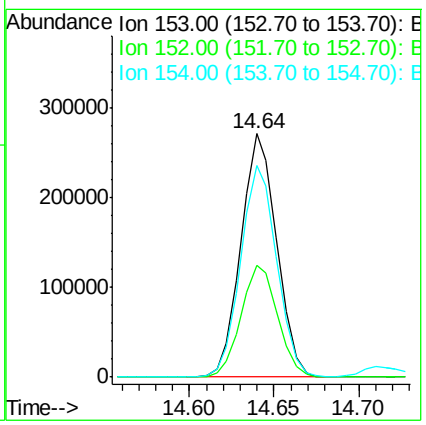


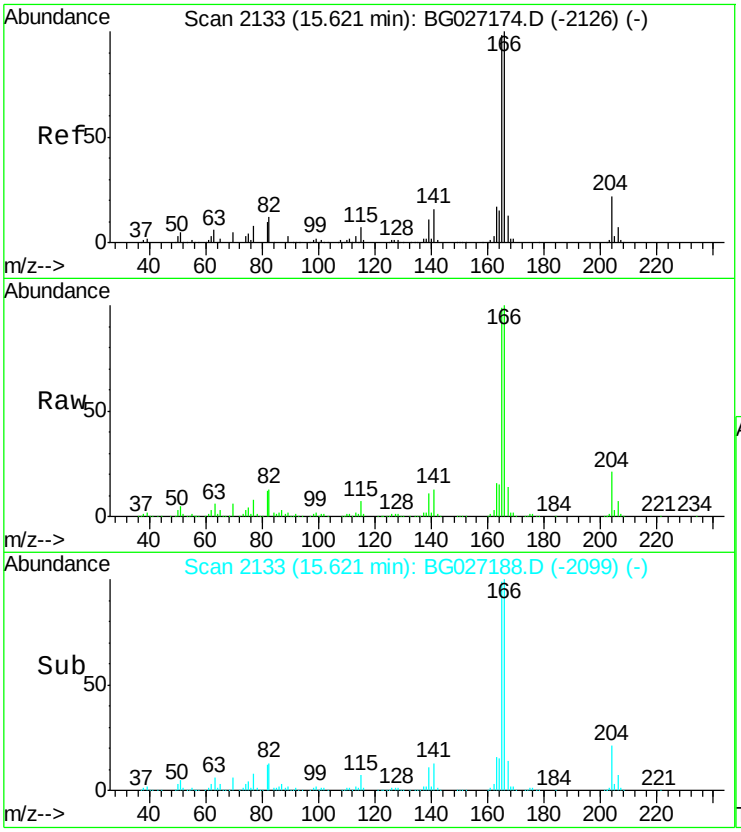


#9
Acenaphthene
Concen: 20.74 ng/ul
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:153 Resp: 399296

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.9	56.9
154	86.7	71.6	107.4



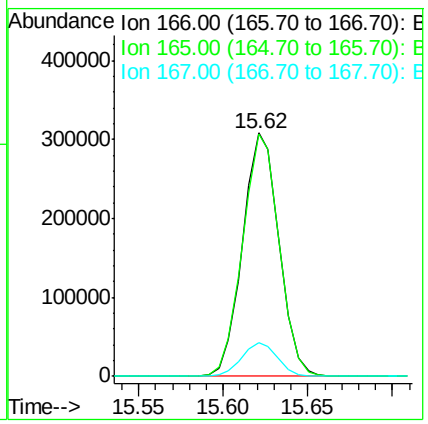


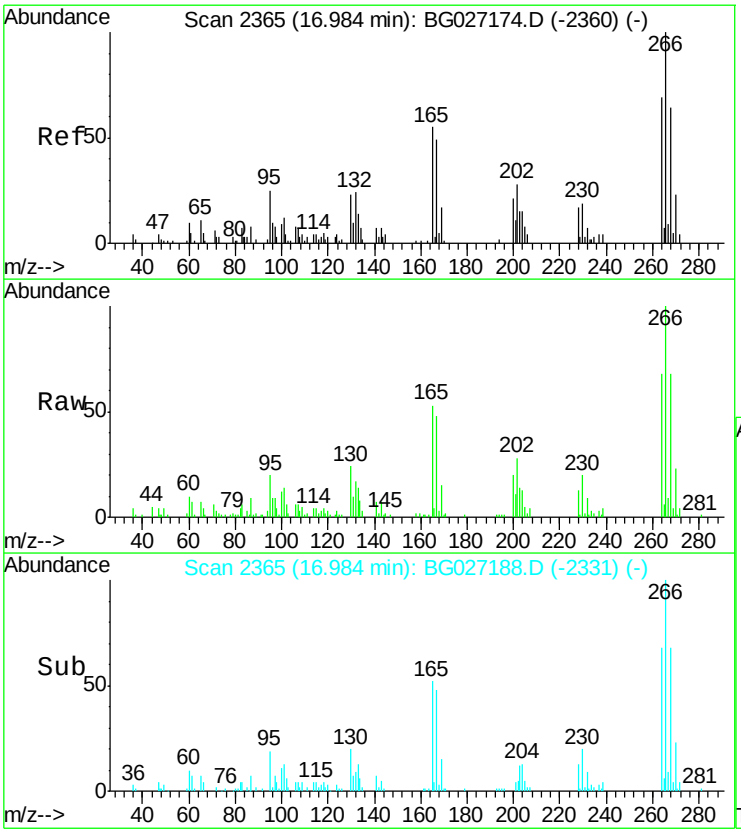
#11
Fluorene
Concen: 20.86 ng/ul
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 459961

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.0	120.0
167	13.9	11.6	17.4

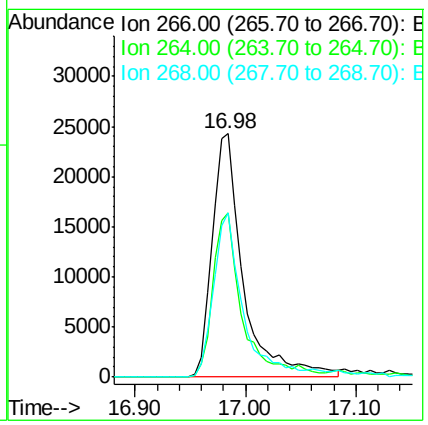


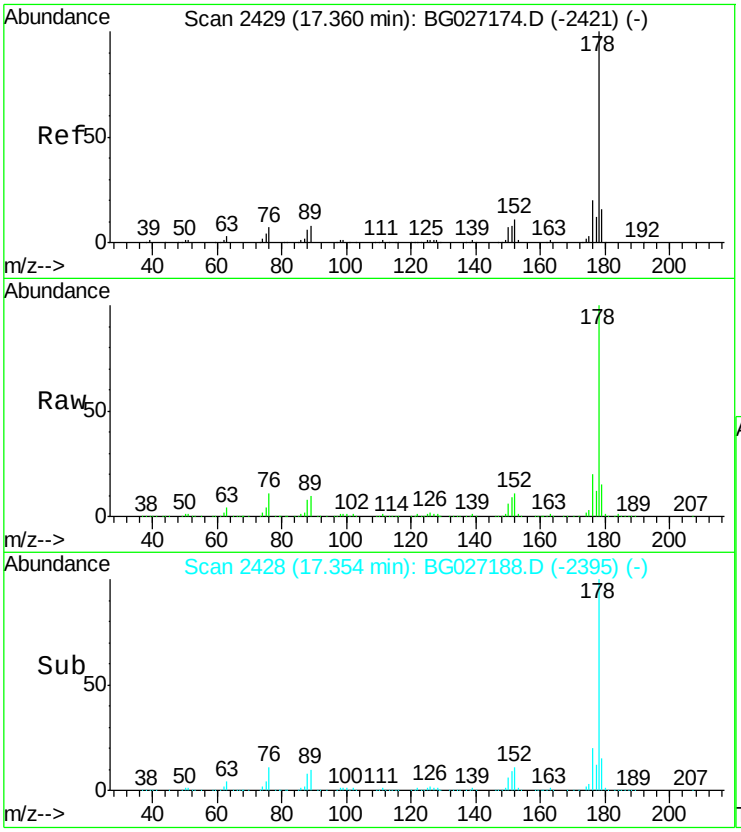


#13
Pentachlorophenol
Concen: 16.68 ng/uL
RT: 16.98 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:266 Resp: 47225

Ion	Ratio	Lower	Upper
266	100		
264	67.7	52.0	78.0
268	67.6	51.2	76.8



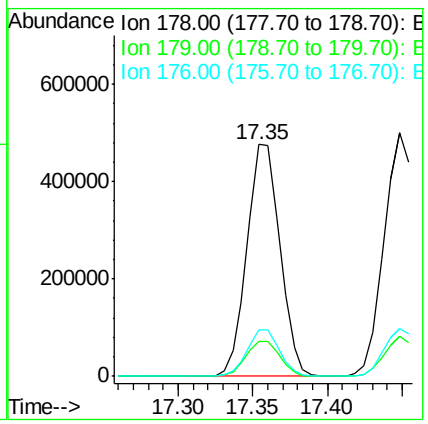


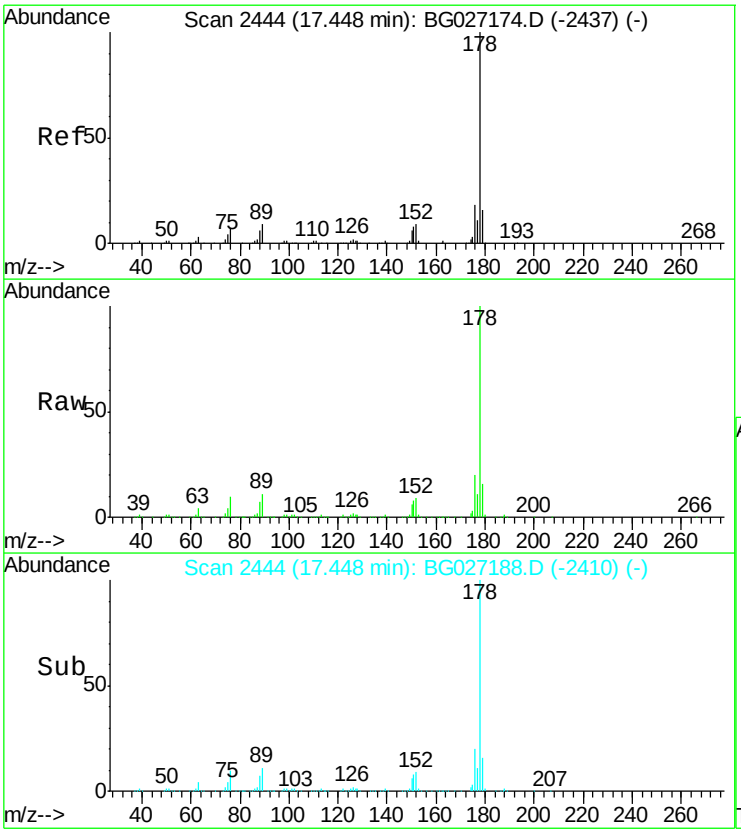
#14
Phenanthrene
Concen: 20.04 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 729604

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	20.0	16.4	24.6

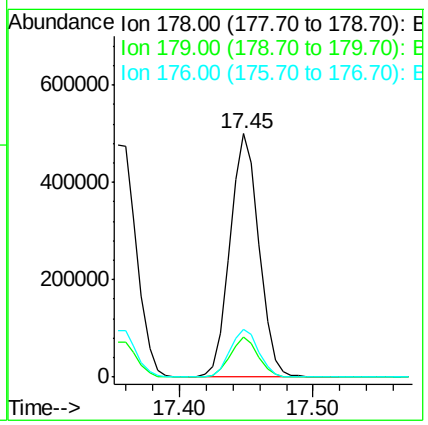


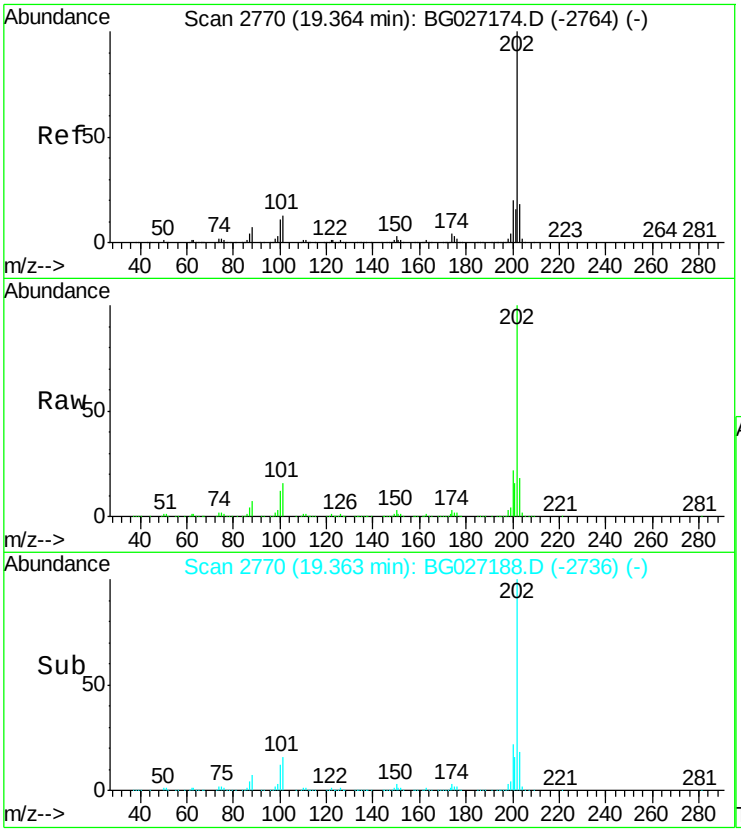


#16
Anthracene
Concen: 19.88 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:178 Resp: 753746

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.7	19.1
176	19.8	15.8	23.8



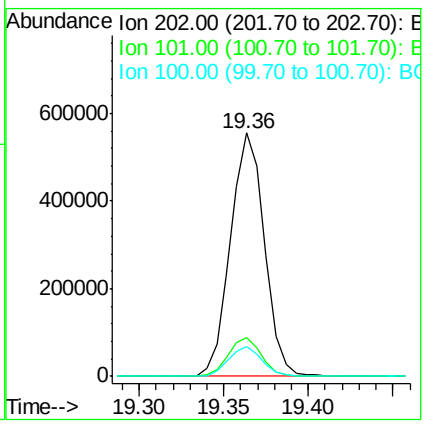


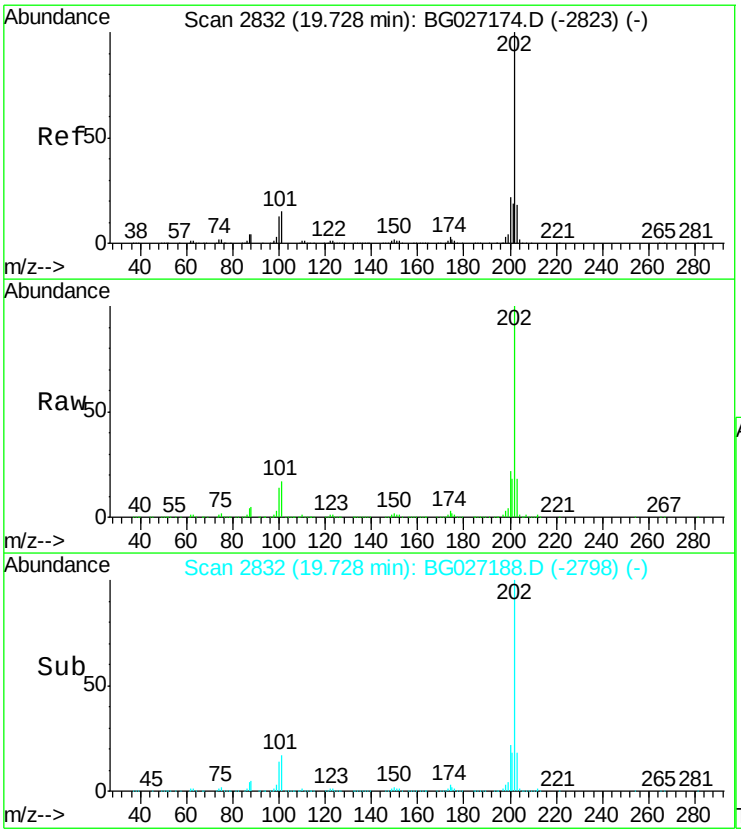
#17
Fluoranthene
Concen: 21.64 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 775247

Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.8	14.8#
100	12.0	7.5	11.3#

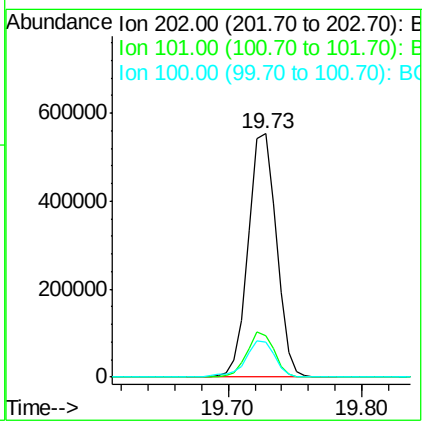


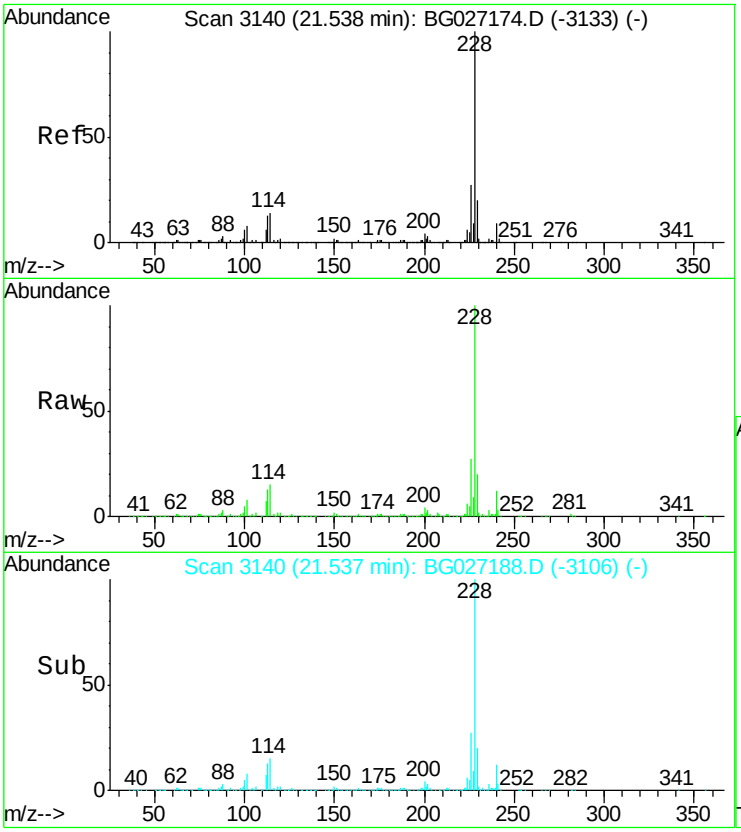


#20
Pyrene
Concen: 24.14 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:202 Resp: 802511

Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.2	16.8#
100	14.3	9.8	14.6



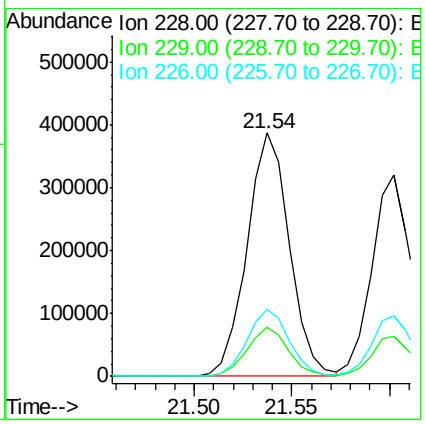


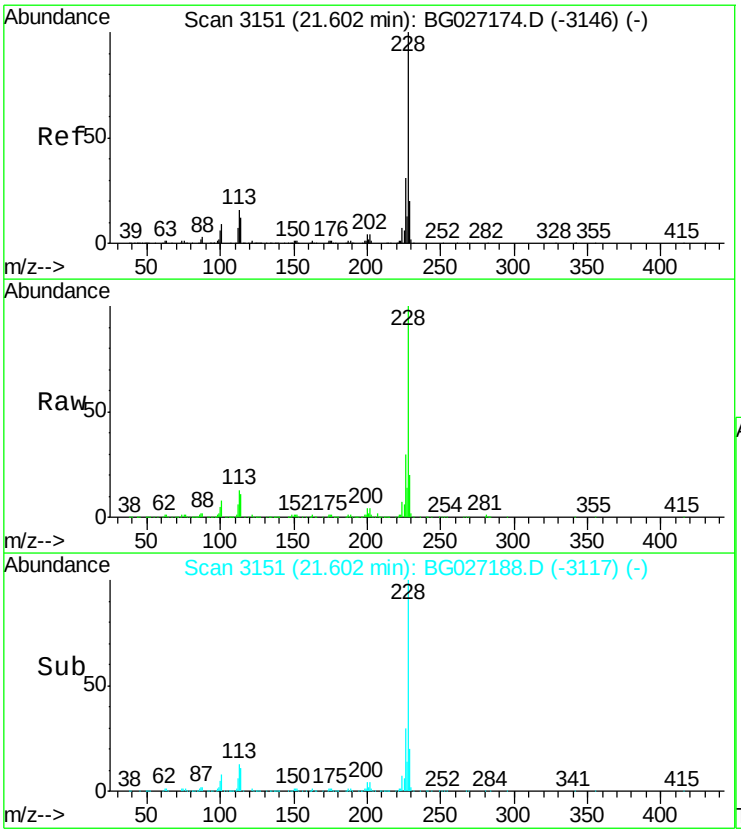
#21
Benzo(a)anthracene
Concen: 20.53 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 582785

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	27.5	22.1	33.1

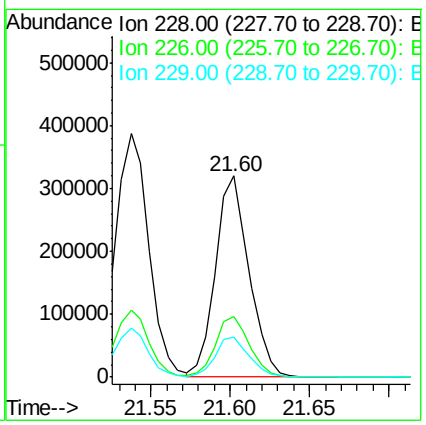


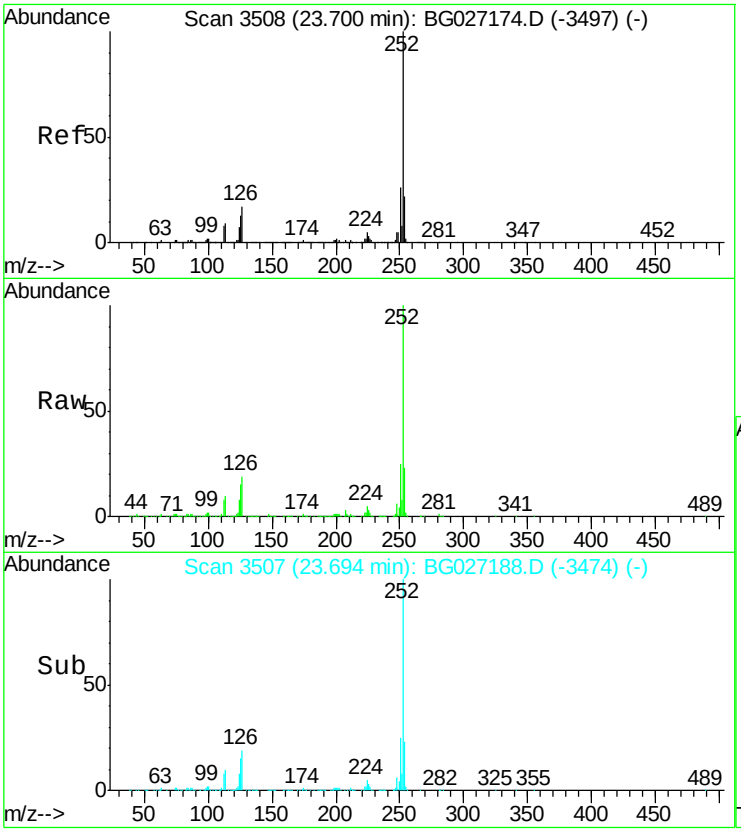


#22
Chrysene
Concen: 18.13 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:228 Resp: 466234

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.8	16.6	25.0



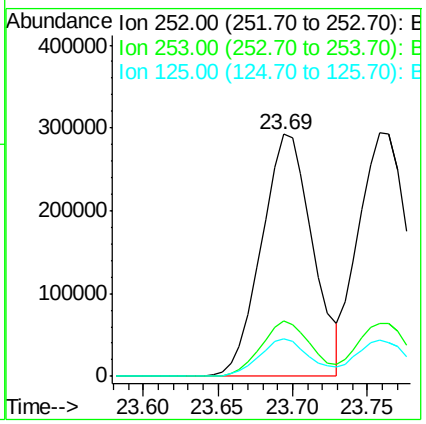


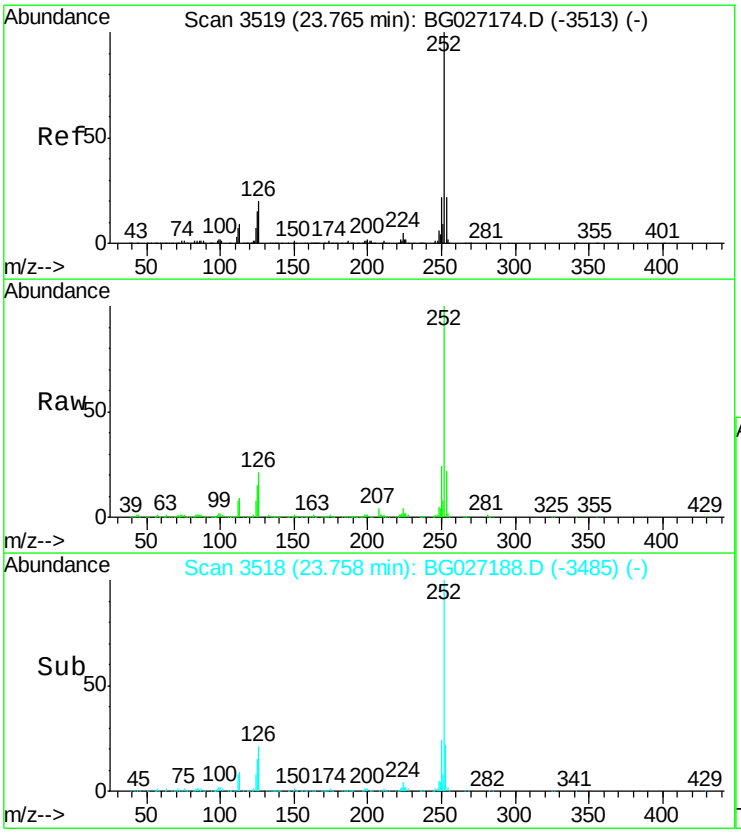
#24
Benzo(b)fluoranthene
Concen: 21.42 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 696870

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	15.3	9.4	14.0#

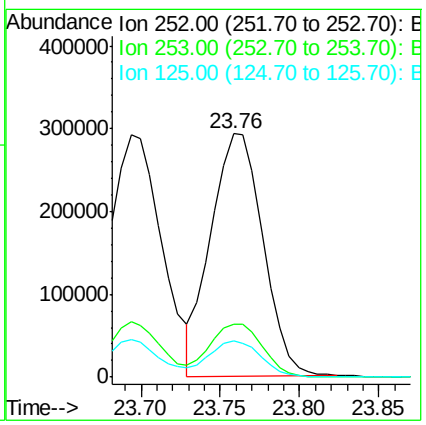


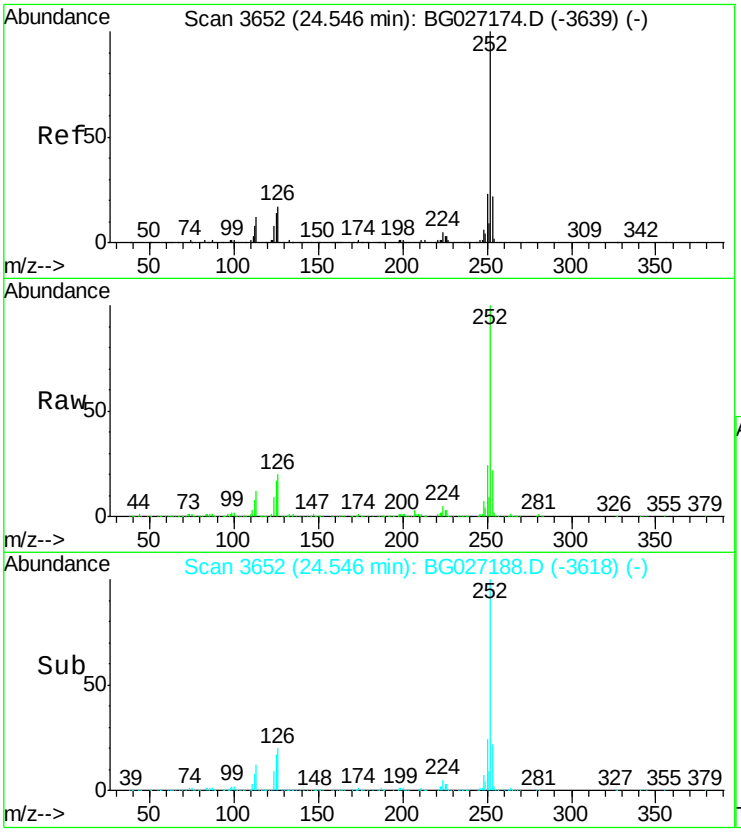


#25
Benzo(k)fluoranthene
Concen: 21.24 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:252 Resp: 668853

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	15.0	8.8	13.2#



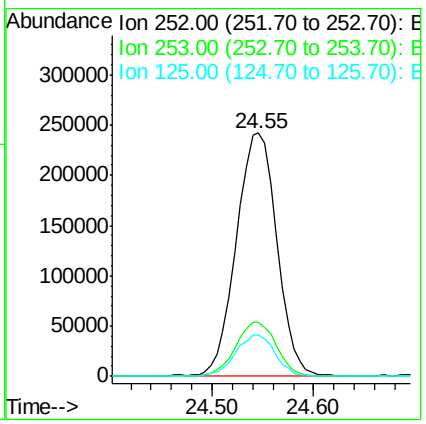


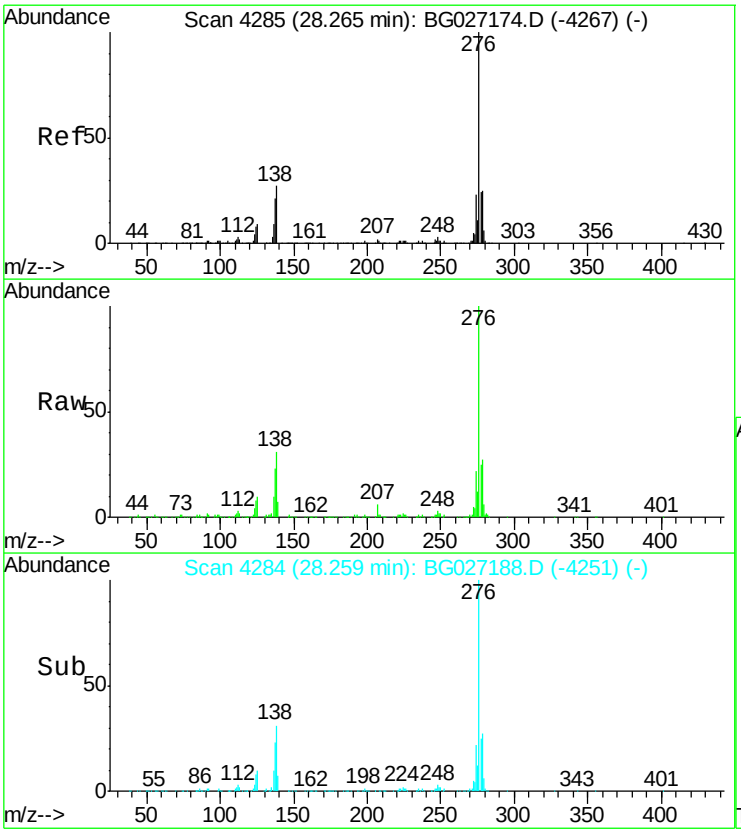
#27
Benzo(a)pyrene
Concen: 21.70 ng/ul
RT: 24.55 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 667771

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

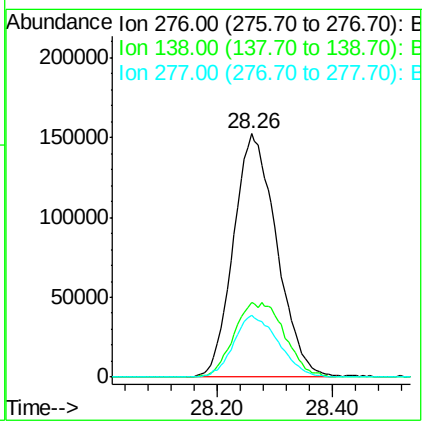


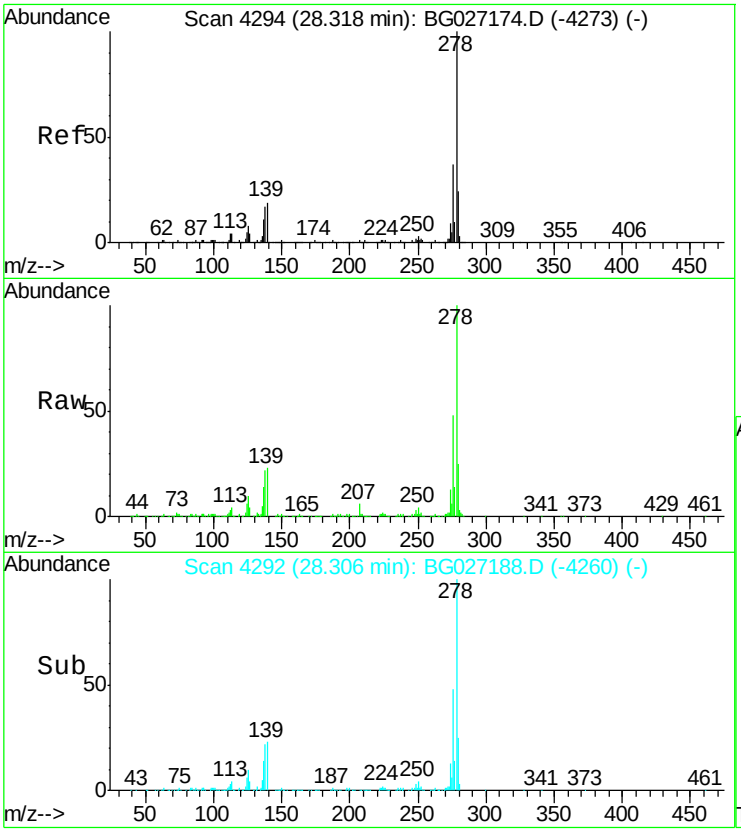


#28
Indeno(1,2,3-cd)pyrene
Concen: 19.53 ng/ul
RT: 28.26 min Scan# 4284
Delta R.T. -0.01 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:276 Resp: 791819

Ion	Ratio	Lower	Upper
276	100		
138	30.7	17.8	26.6#
277	25.2	19.4	29.0



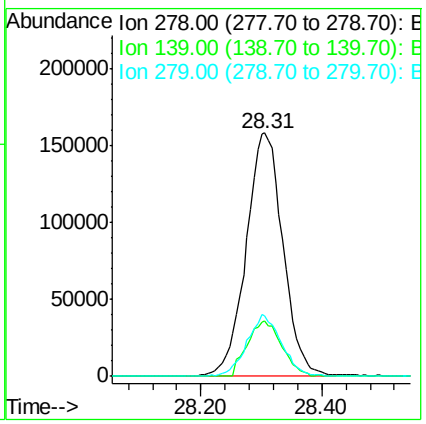


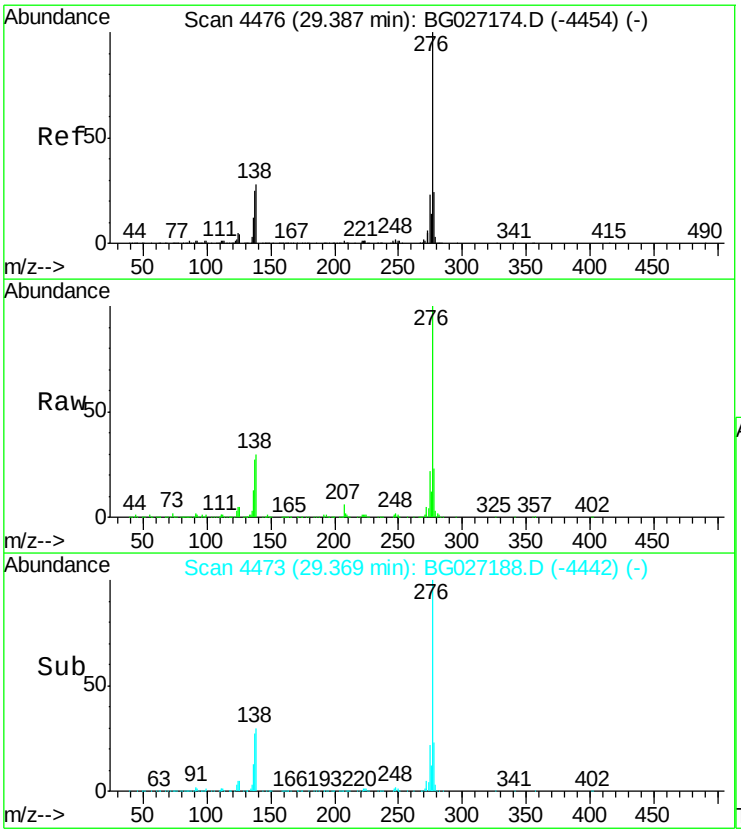
#29
Dibenzo(a,h)anthracene
Concen: 19.75 ng/ul
RT: 28.31 min Scan# 4292
Delta R.T. -0.01 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 669942

Ion	Ratio	Lower	Upper
278	100		
139	22.9	14.0	21.0#
279	24.7	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 20.34 ng/ul
RT: 29.37 min Scan# 4473
Delta R.T. -0.02 min
Lab File: BG027188.D
Acq: 28 May 2017 3:22

Tgt Ion:276 Resp: 657152

Ion	Ratio	Lower	Upper
276	100		
138	30.3	19.0	28.4#
277	22.9	19.7	29.5