Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027162.D
Acq On : 25 May 2017 13:10
Operator : SJ/MA
Sample : I3275-20DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAC73DL

Manual Integrations APPROVED
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5/26/2017 11:56:22 AM

Quant Time: May 25 15:17:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 06:05:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	160300	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	737973	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	356635	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.37	188	529019	20.00	ng/ul	0.00
17) Chrysene-d12	21.62	240	568246	20.00	ng/ul	0.01
22) Perylene-d12	24.80	264	450251	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	195922	5.36	ng/ul	0.00
10) Fluorene-d10	15.62	176	123297	5.05	ng/ul	0.00
14) Anthracene-d10	17.46	188	174045	6.75	ng/ul	0.00
18) Pyrene-d10	19.75	212	163982	5.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.59	264	107222	4.79	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.86	128	118166	3.09	ng/ul	98
4) 2-Methylnaphthalene	12.46	142	34922	1.23	ng/ul	99
9) Acenaphthene	14.69	153	116128	4.61	ng/ul	98
11) Fluorene	15.67	166	81636	3.04	ng/ul	96
13) Phenanthrene	17.41	178	915337	30.95	ng/ul	97
15) Anthracene	17.50	178	267367	8.80	ng/ul	98
16) Fluoranthene	19.42	202	1332049	44.06	ng/ul#	92
19) Pyrene	19.78	202	1051652	28.32	ng/ul#	86
20) Benzo(a)anthracene	21.60	228	522236	15.25	ng/ul	97
21) Chrysene	21.66	228	500518	15.92	ng/ul	96
23) Benzo(b)fluoranthene	23.80	252	488415	18.25	ng/ul#	93
24) Benzo(k)fluoranthene	23.86	252	233979m	8.50	ng/ul	
26) Benzo(a)pyrene	24.66	252	286495	10.94	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	28.45	276	110796m	4.60	ng/ul	
29) Benzo(g,h,i)perylene	29.60	276	65335m	3.41	ng/ul	

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

Quantitation Report (QT Reviewed)

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ClientSampleId :
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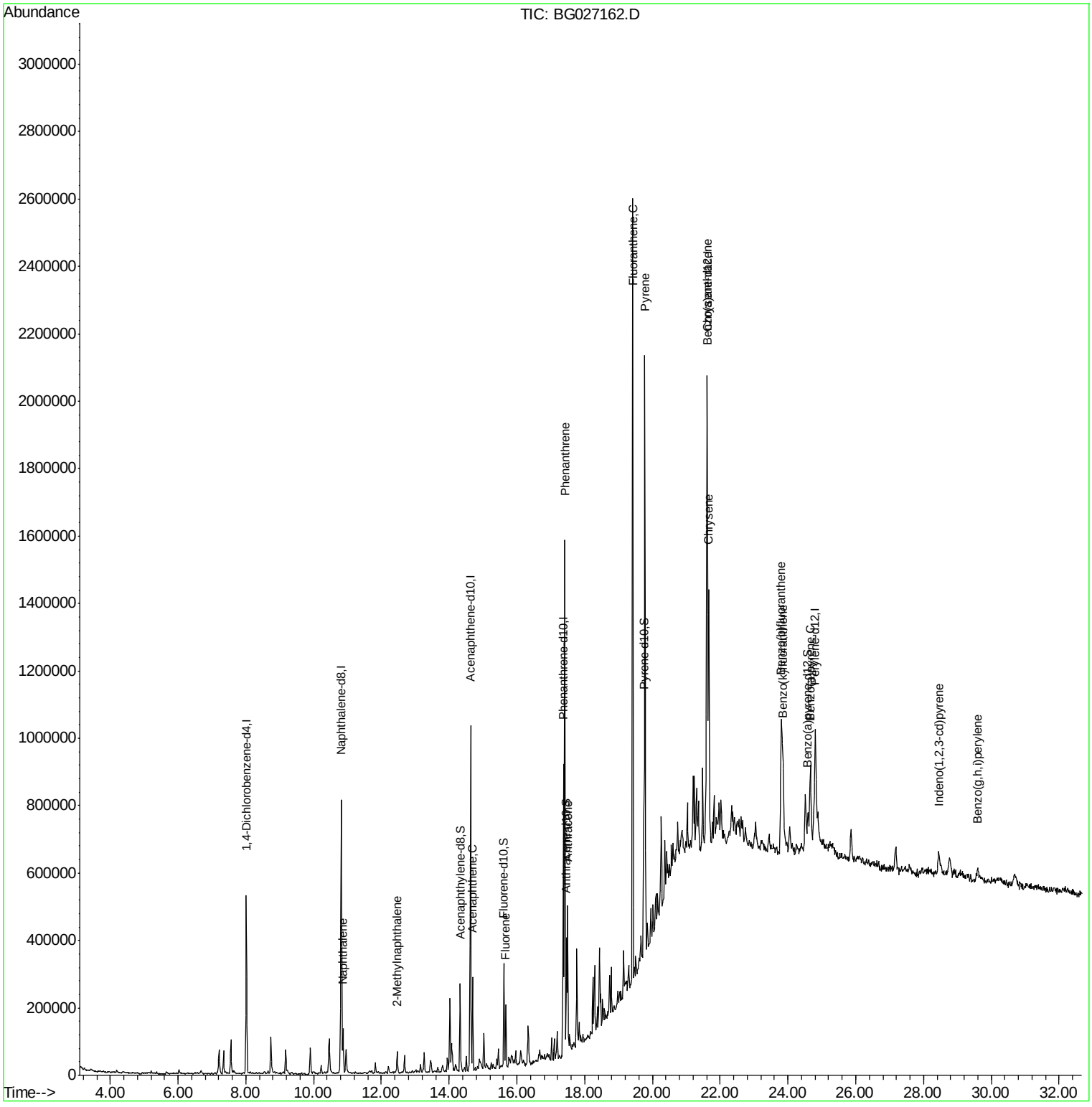
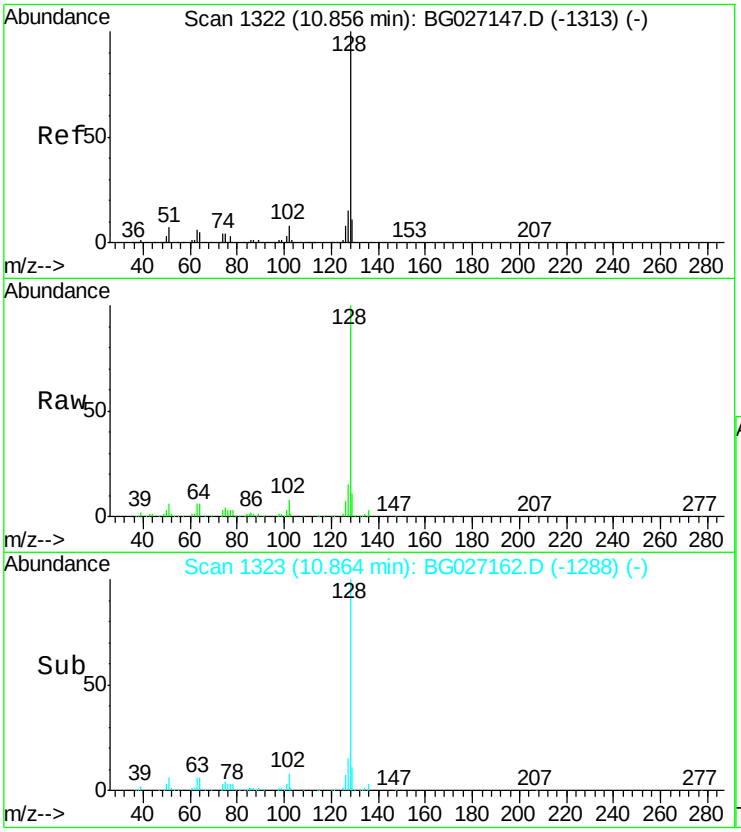
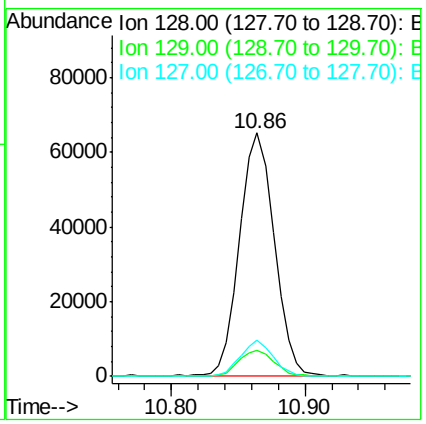




#3
Naphthalene
Concen: 3.09 ng/ul
RT: 10.86 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:128 Resp: 118166

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	14.7	10.6	16.0



Instrument :
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ClientSampleId :
DAC73DL

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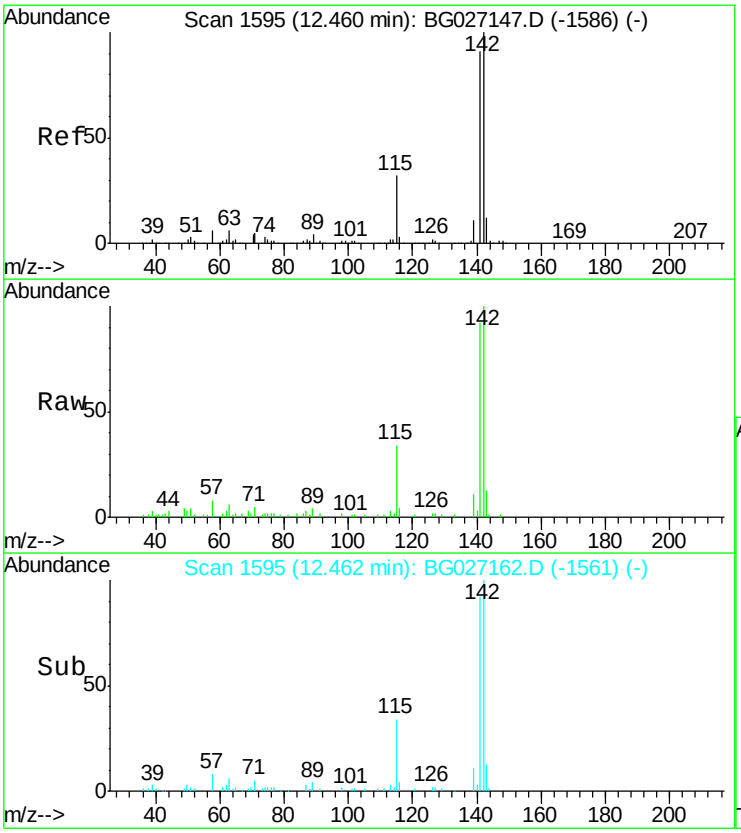
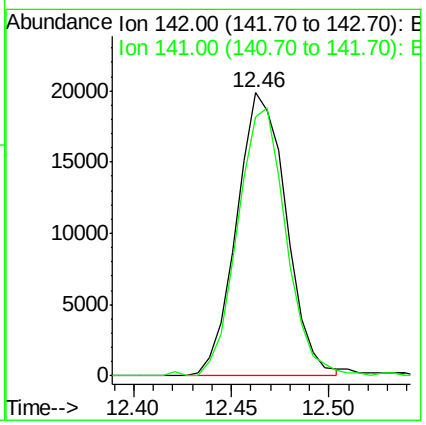
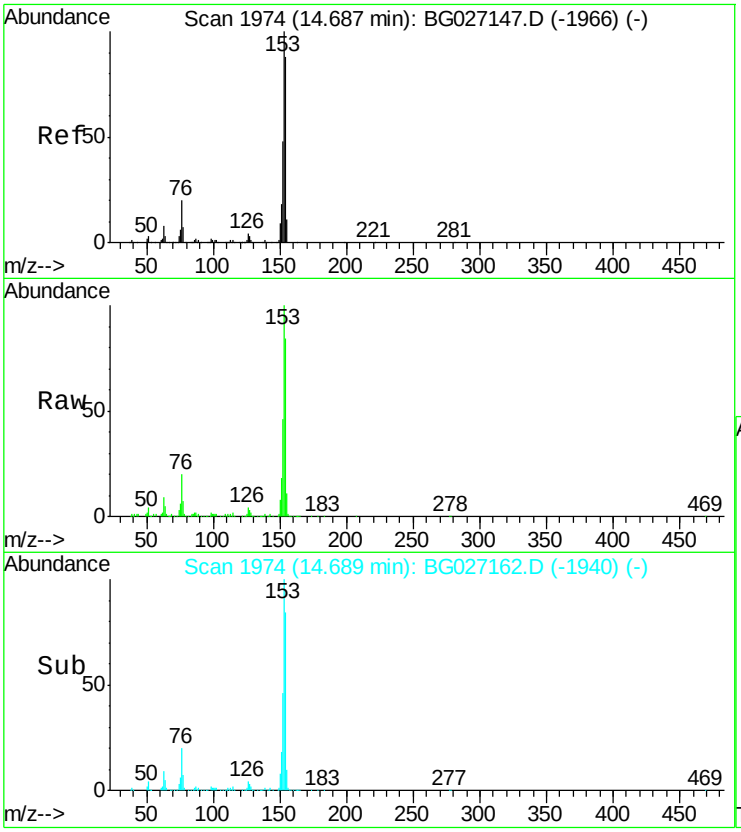


#4
2-Methylnaphthalene
Concen: 1.23 ng/ul
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:142 Resp: 34922

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.7	109.1

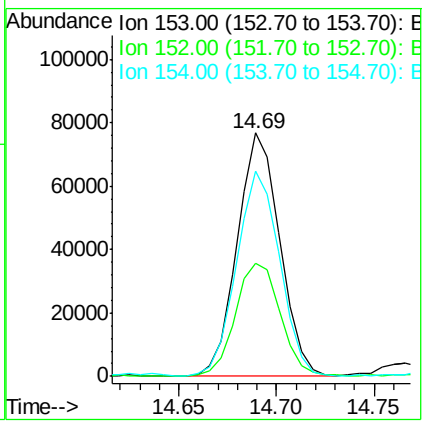




#9
Acenaphthene
Concen: 4.61 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:153 Resp: 116128

Ion	Ratio	Lower	Upper
153	100		
152	46.3	39.0	58.6
154	84.3	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DAC73DL

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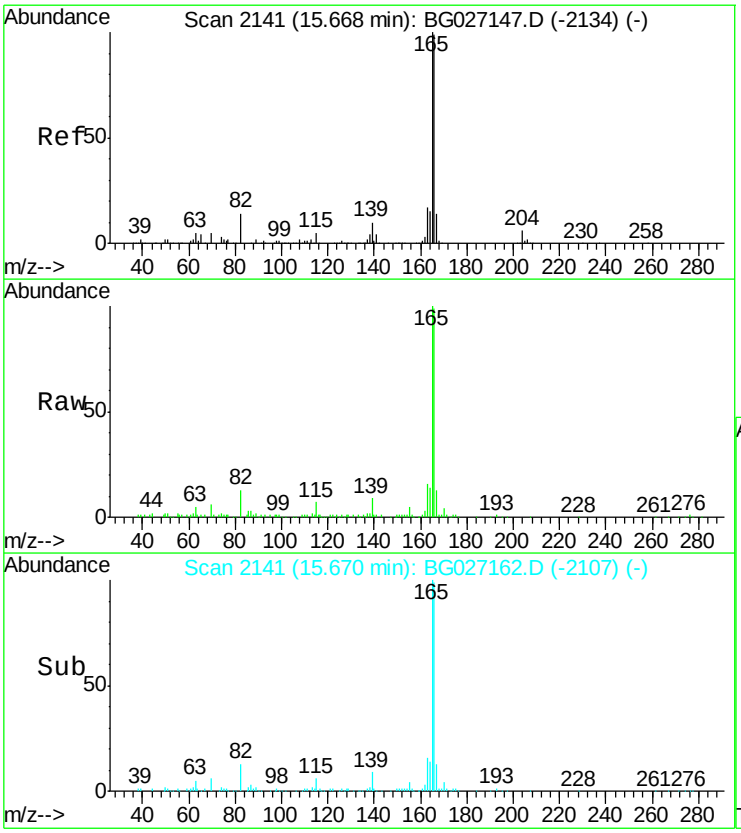
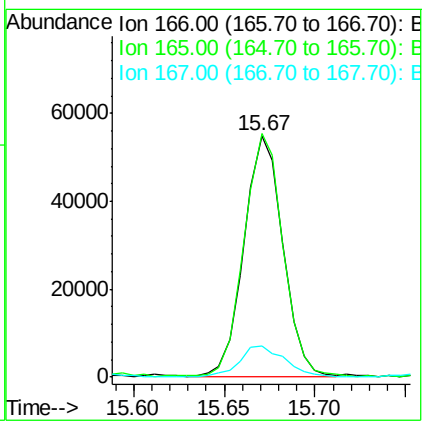
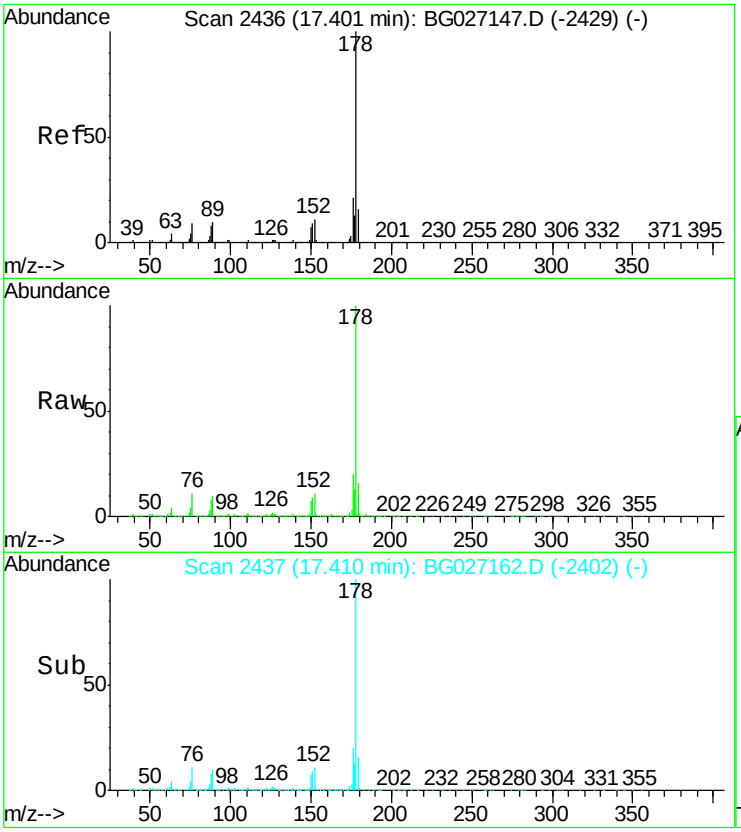


#11
Fluorene
Concen: 3.04 ng/ul
RT: 15.67 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:166 Resp: 81636

Ion	Ratio	Lower	Upper
166	100		
165	100.9	83.8	125.8
167	13.1	11.5	17.3

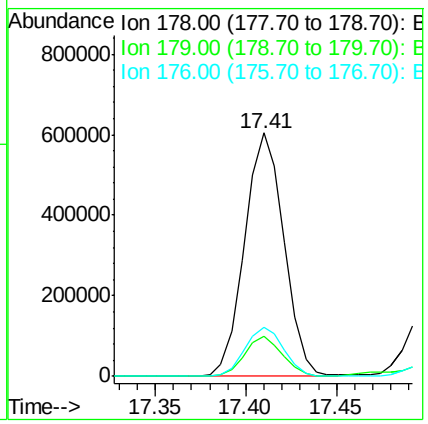




#13
Phenanthrene
Concen: 30.95 ng/ul
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:178 Resp: 915337

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	20.1	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DAC73DL

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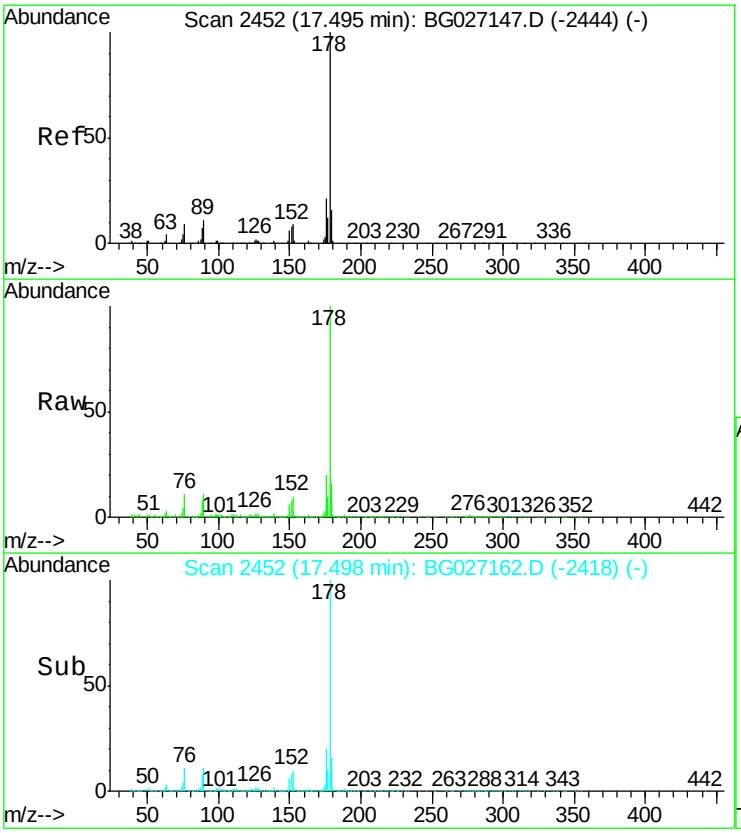
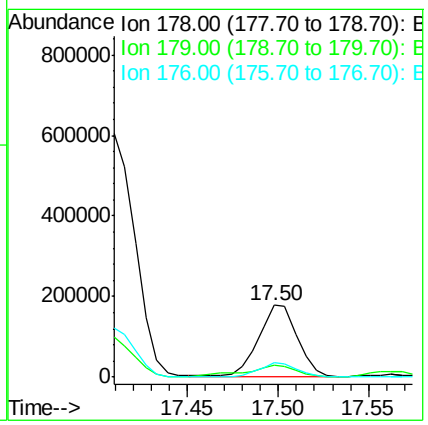
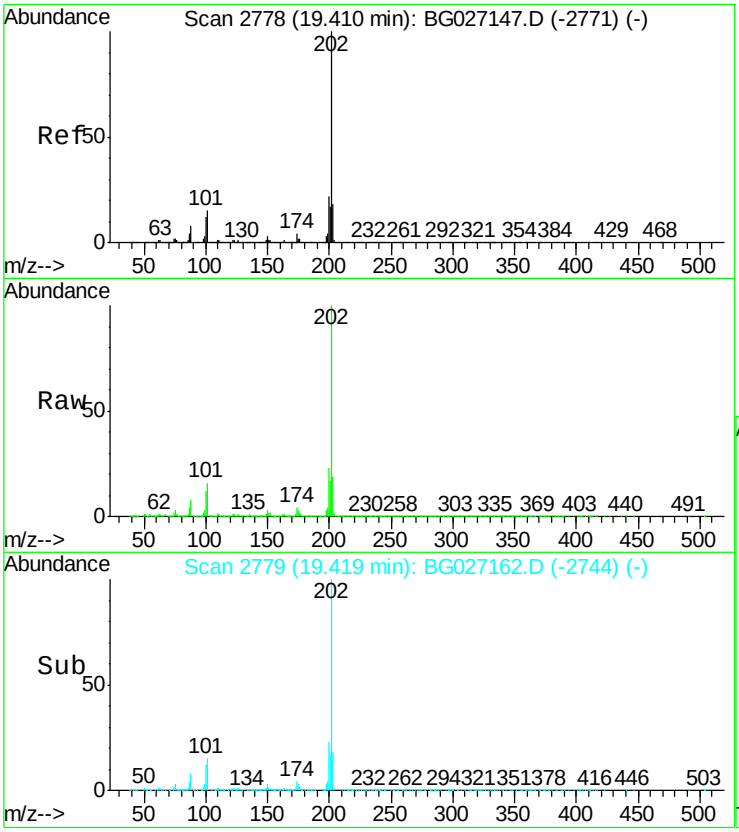


#15
Anthracene
Concen: 8.80 ng/ul
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:178 Resp: 267367

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	19.8	15.2	22.8

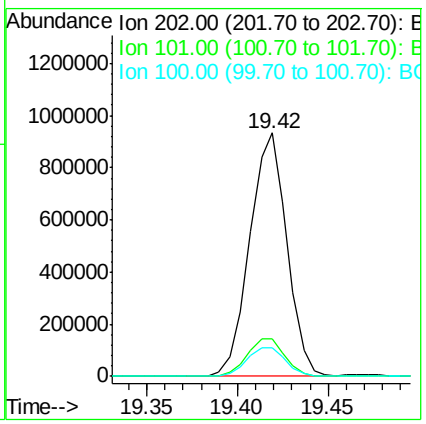




#16
Fluoranthene
Concen: 44.06 ng/ul
RT: 19.42 min Scan# 2779
Delta R.T. 0.01 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:202 Resp: 1332049

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.9	7.4	11.0#



Instrument :
BNA_G
ClientSampleId :
DAC73DL

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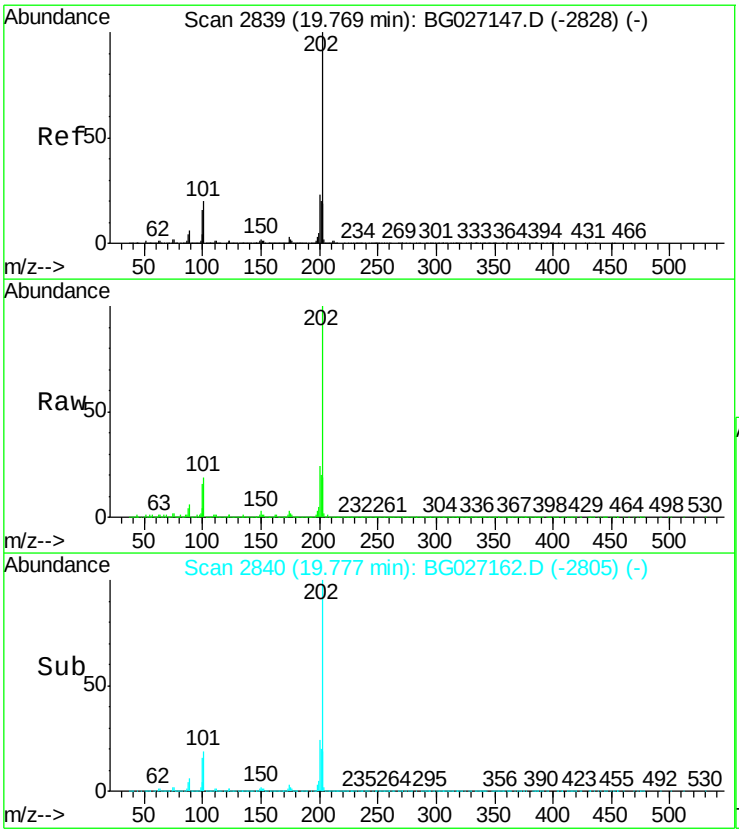
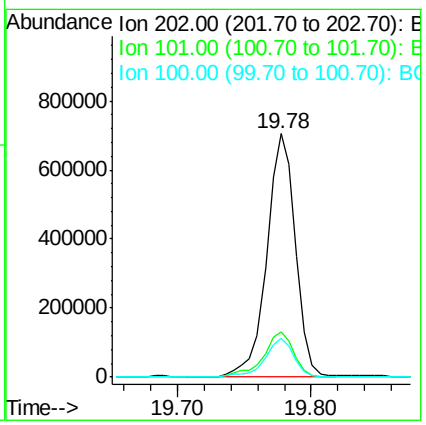
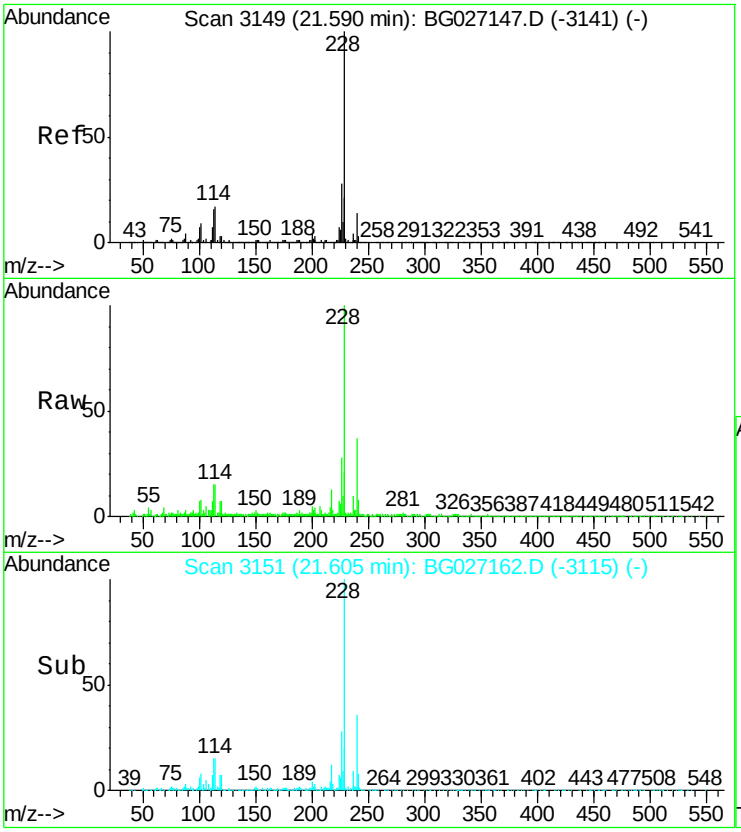


#19
Pyrene
Concen: 28.32 ng/ul
RT: 19.78 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:202 Resp: 1051652

Ion	Ratio	Lower	Upper
202	100		
101	18.6	11.0	16.4#
100	16.1	8.1	12.1#

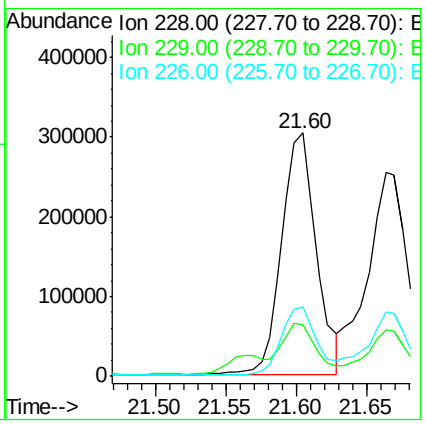




#20
Benzo(a)anthracene
Concen: 15.25 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:228 Resp: 522236

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	28.4	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
DAC73DL

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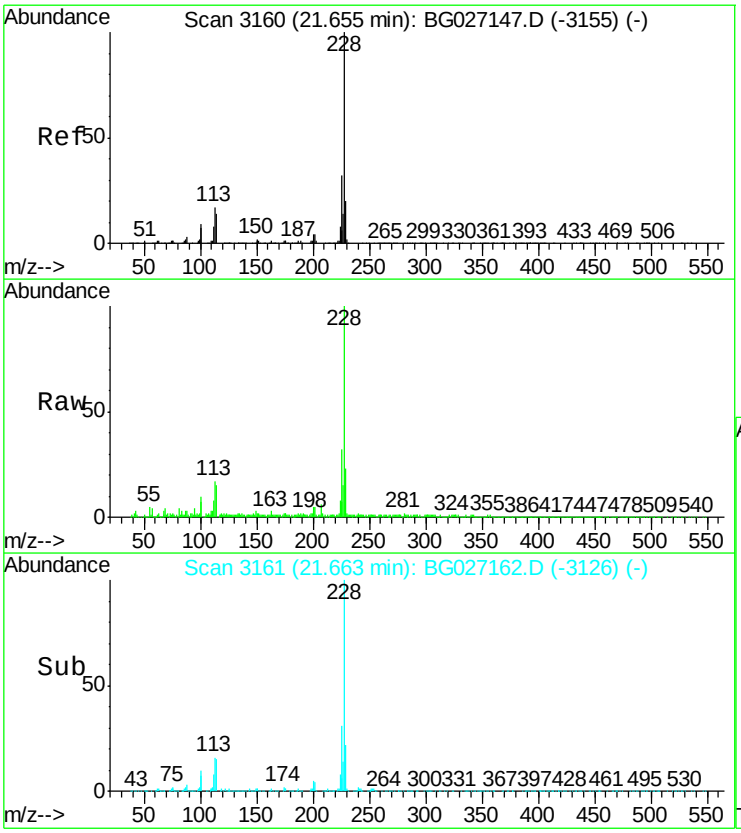
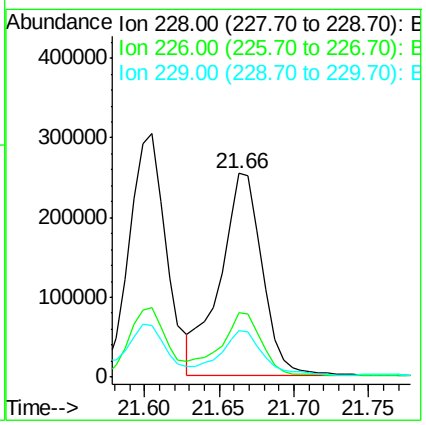
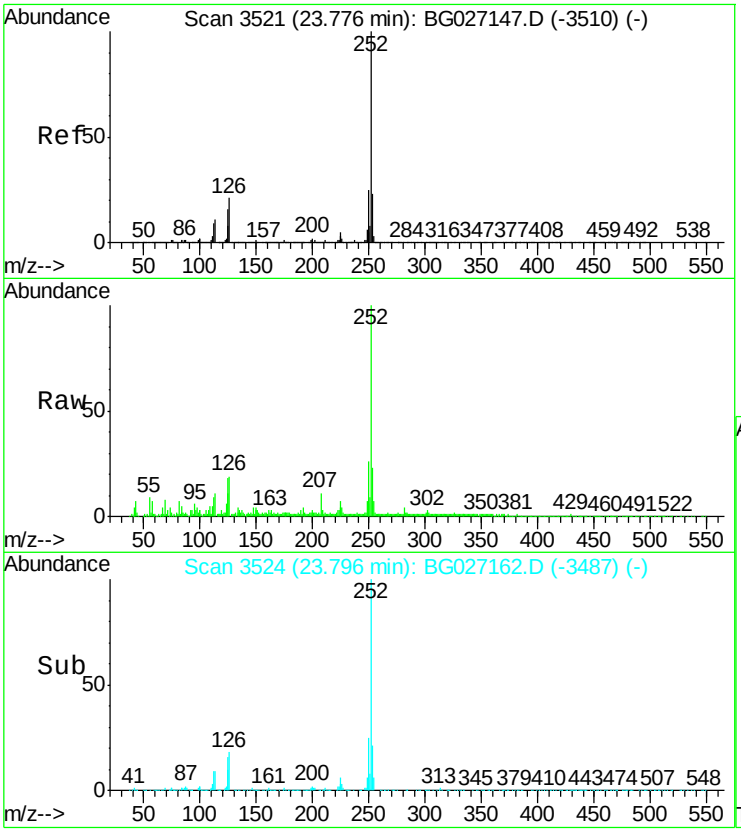


#21
Chrysene
Concen: 15.92 ng/ul
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:228 Resp: 500518

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.5	36.7
229	22.9	15.8	23.8

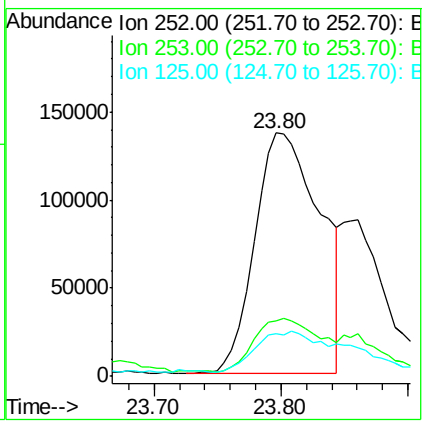




#23
Benzo(b)fluoranthene
Concen: 18.25 ng/ul
RT: 23.80 min Scan# 3524
Delta R.T. 0.02 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:252 Resp: 488415

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	17.6	8.0	12.0#



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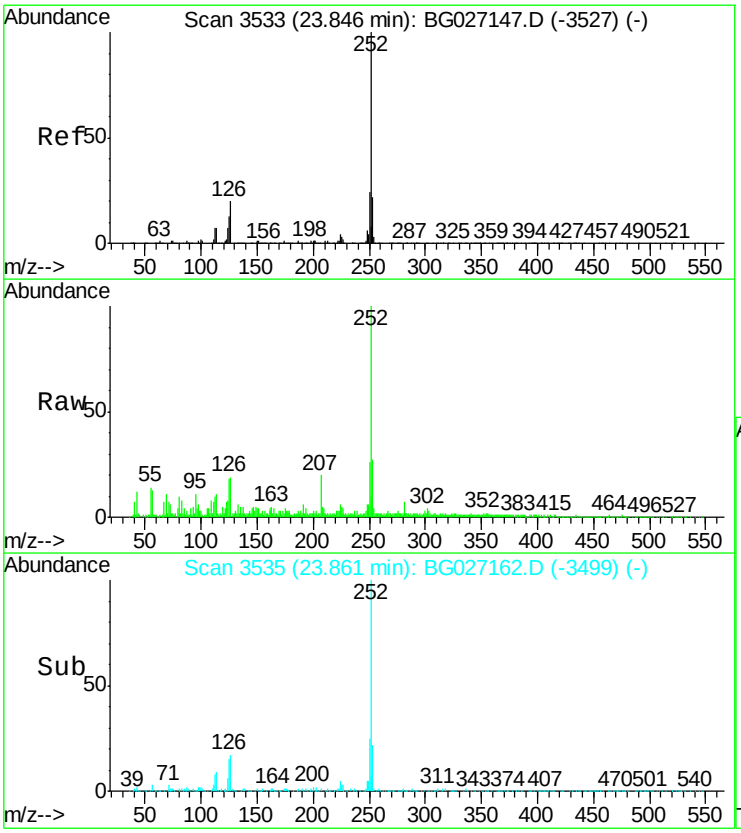
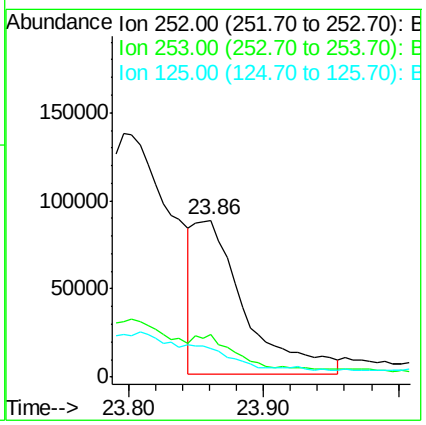
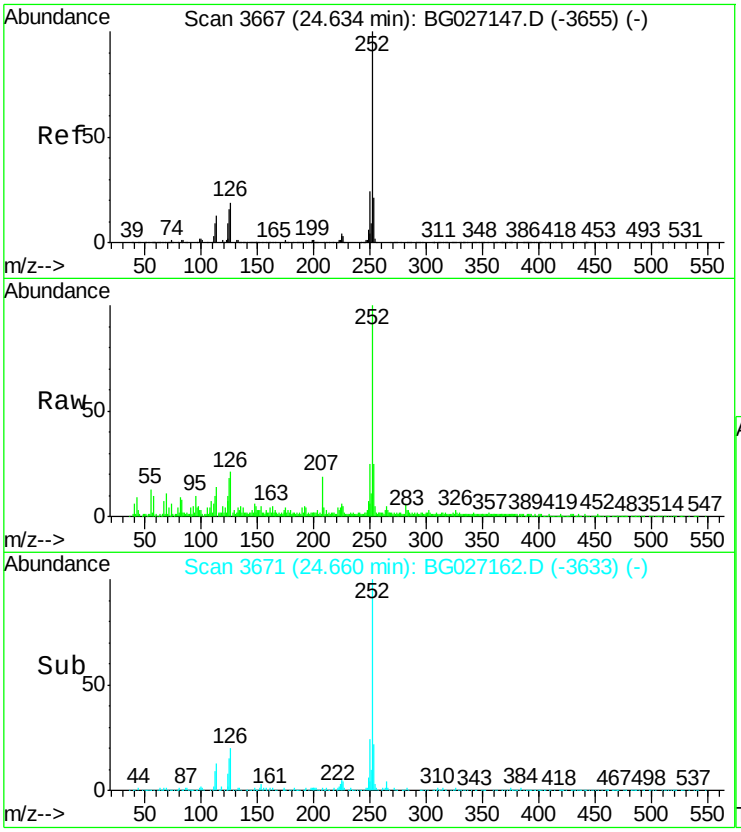


#24
Benzo(k)fluoranthene
Concen: 8.50 ng/ul m
RT: 23.86 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:252 Resp: 233979

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0#
125	18.1	8.1	12.1#

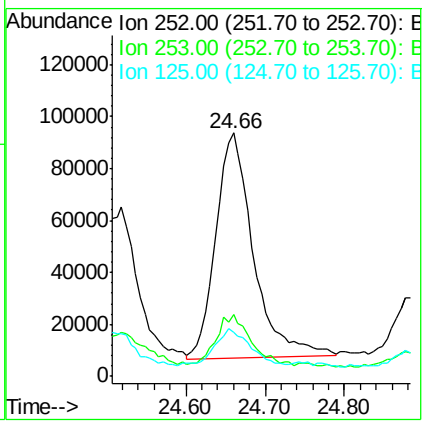




#26
Benzo(a)pyrene
Concen: 10.94 ng/ul
RT: 24.66 min Scan# 3671
Delta R.T. 0.03 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:252 Resp: 286495

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	17.9	8.2	12.4#



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ClientSampleId :
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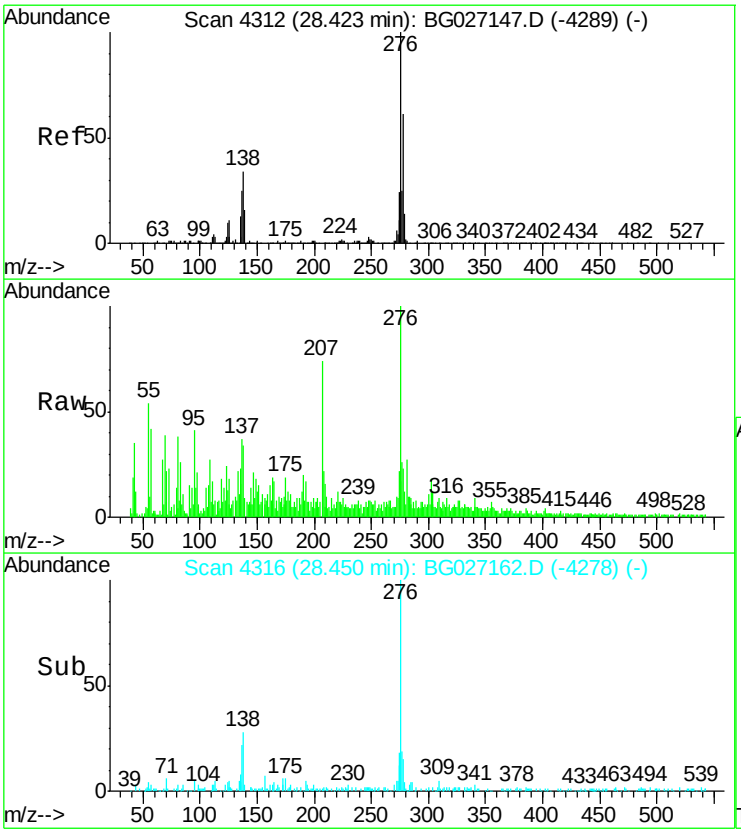
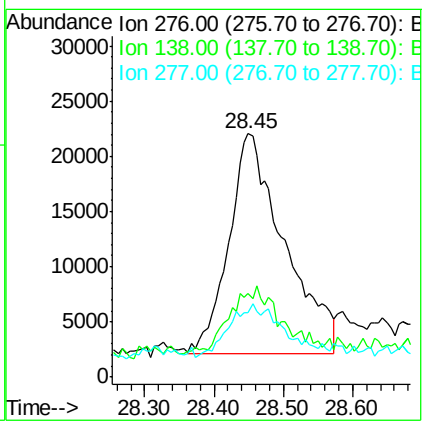
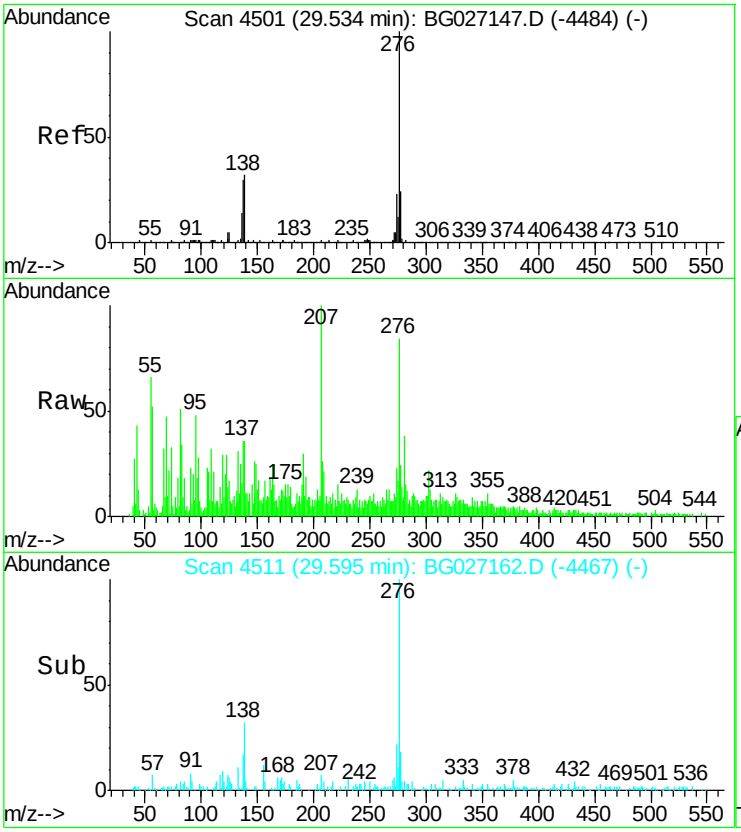


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.60 ng/ul m
RT: 28.45 min Scan# 4316
Delta R.T. 0.03 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:276 Resp: 110796

Ion	Ratio	Lower	Upper
276	100		
138	34.2	14.4	21.6#
277	26.3	18.0	27.0

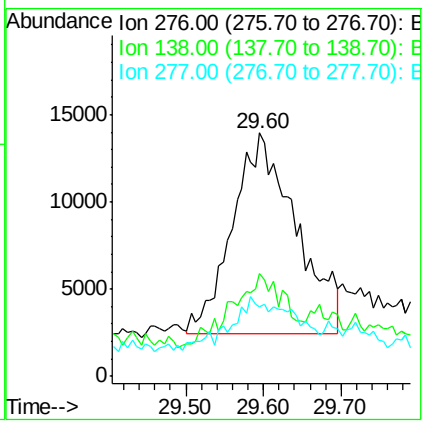




#29
Benzo(g,h,i)perylene
Concen: 3.41 ng/ul m
RT: 29.60 min Scan# 4511
Delta R.T. 0.06 min
Lab File: BG027162.D
Acq: 25 May 2017 13:10

Tgt Ion:276 Resp: 65335

Ion	Ratio	Lower	Upper
276	100		
138	42.4	15.3	22.9#
277	28.6	19.0	28.4#



Instrument :
BNA_G
ClientSampleId :
DAC73DL

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