Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027153.D
Acq On : 25 May 2017 7:17
Operator : SJ/MA
Sample : I3277-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 25 08:01:19 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

Instrument : BNA_G
ClientSampleId : DAC97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	222726	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	1009118	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	493962	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	894855	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	803302	20.00	ng/ul	0.00
22) Perylene-d12	24.80	264	594696	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1228294	24.24	ng/ul	0.00
10) Fluorene-d10	15.61	176	778748	23.04	ng/ul	0.00
14) Anthracene-d10	17.46	188	1076595m	24.68	ng/ul	0.00
18) Pyrene-d10	19.74	212	1016707	24.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.59	264	774259	26.20	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.86	128	70152	1.34	ng/ul	99
9) Acenaphthene	14.69	153	37793	1.08	ng/ul	95
11) Fluorene	15.66	166	43476	1.17	ng/ul	87
13) Phenanthrene	17.40	178	906224	18.12	ng/ul	99
15) Anthracene	17.49	178	169909	3.31	ng/ul	100
16) Fluoranthene	19.41	202	1777401	34.75	ng/ul#	86
19) Pyrene	19.77	202	1509582	28.75	ng/ul#	86
20) Benzo(a)anthracene	21.60	228	774713	16.01	ng/ul	95
21) Chrysene	21.66	228	787791	17.73	ng/ul	96
23) Benzo(b)fluoranthene	23.79	252	916980	25.94	ng/ul#	88
24) Benzo(k)fluoranthene	23.85	252	425460m	11.70	ng/ul	
26) Benzo(a)pyrene	24.65	252	506270	14.64	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.45	276	250558	7.88	ng/ul#	76
28) Dibenzo(a,h)anthracene	28.49	278	62239m	2.27	ng/ul	
29) Benzo(g,h,i)perylene	29.59	276	165755m	6.55	ng/ul	

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

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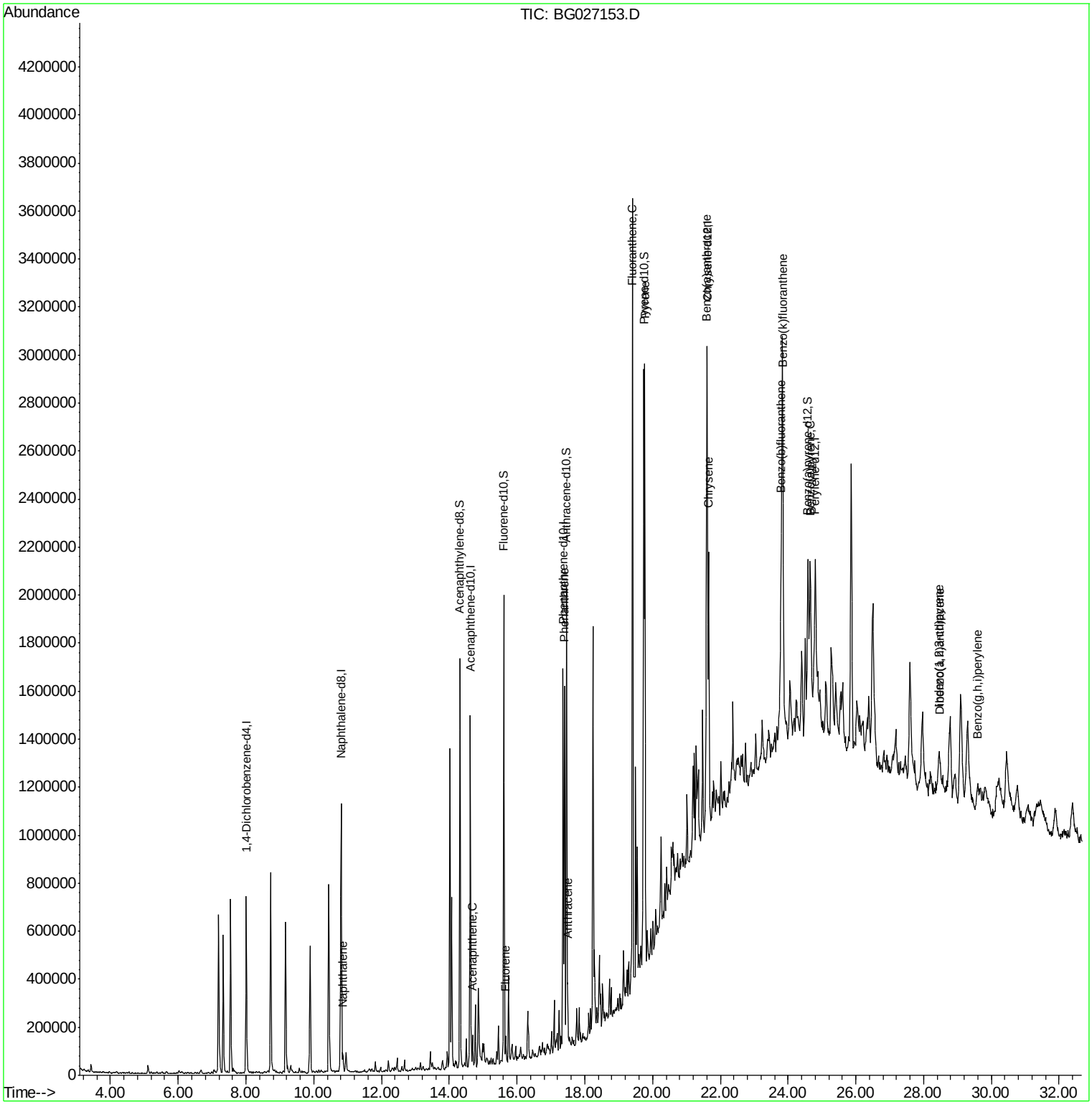
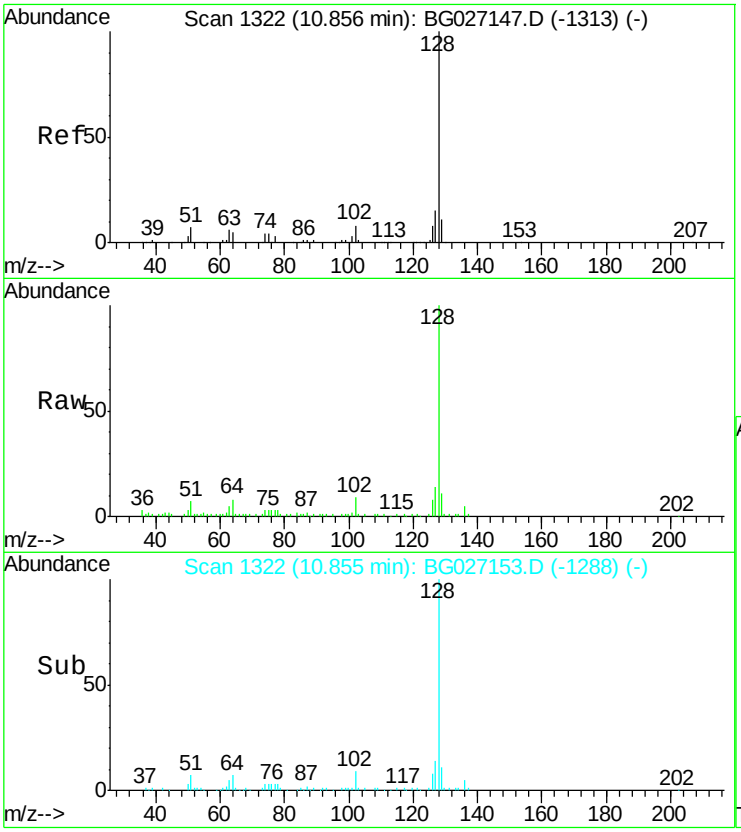
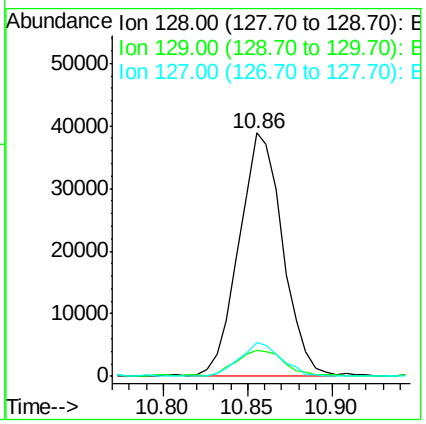




#3
Naphthalene
Concen: 1.34 ng/ul
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:128 Resp: 70152

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.8	10.6	16.0



Instrument :
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ClientSampleId :
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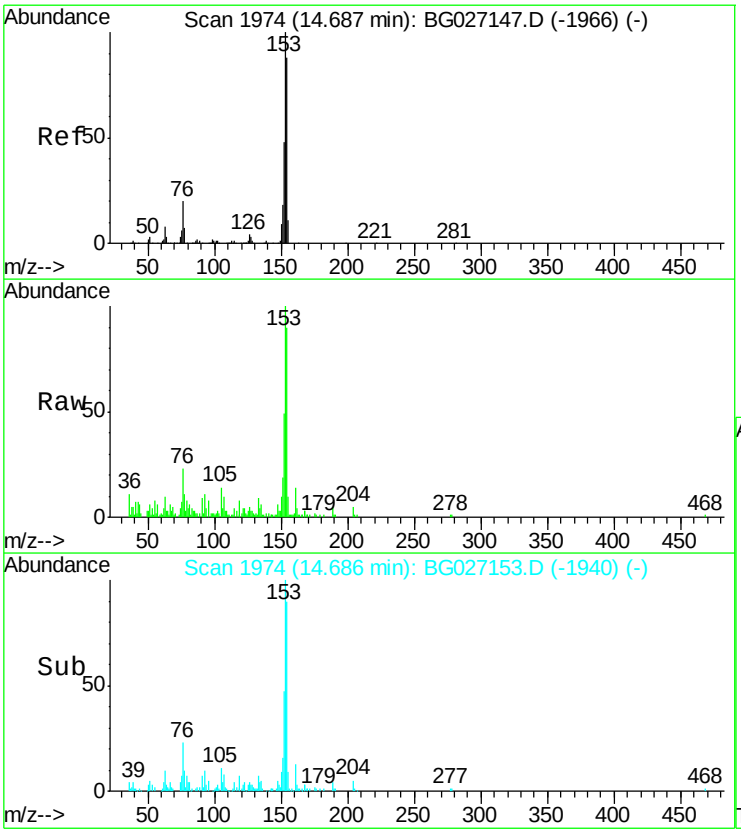
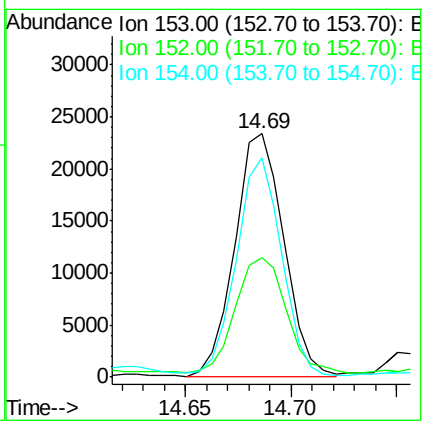
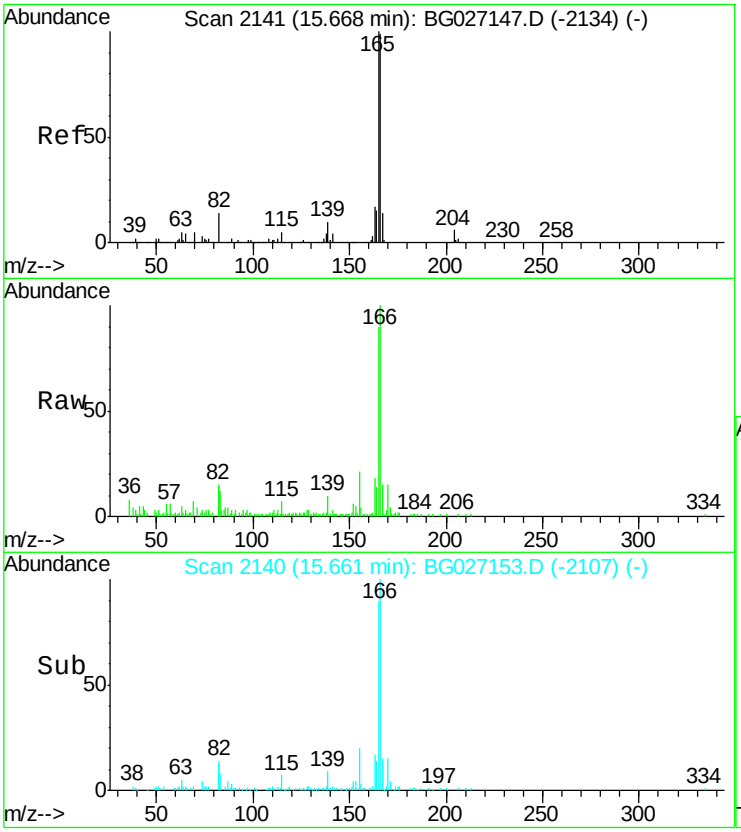


#9
Acenaphthene
Concen: 1.08 ng/ul
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:153 Resp: 37793

Ion	Ratio	Lower	Upper
153	100		
152	49.2	39.0	58.6
154	89.9	66.8	100.2

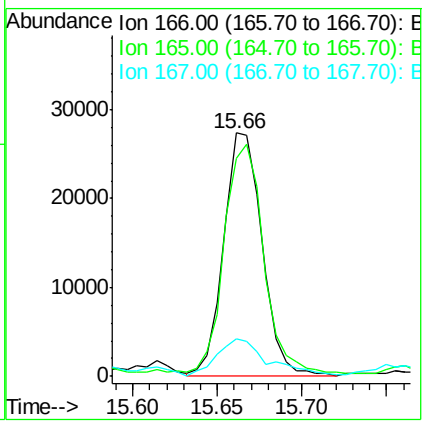




#11
Fluorene
Concen: 1.17 ng/ul
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:166 Resp: 43476

Ion	Ratio	Lower	Upper
166	100		
165	89.7	83.8	125.8
167	15.2	11.5	17.3



Instrument :
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ClientSampleId :
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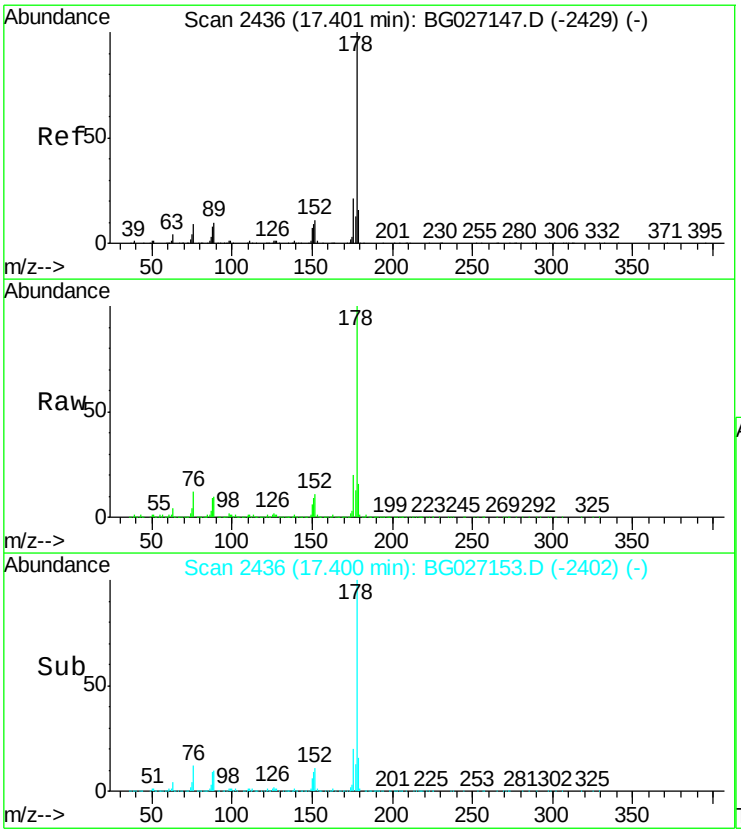
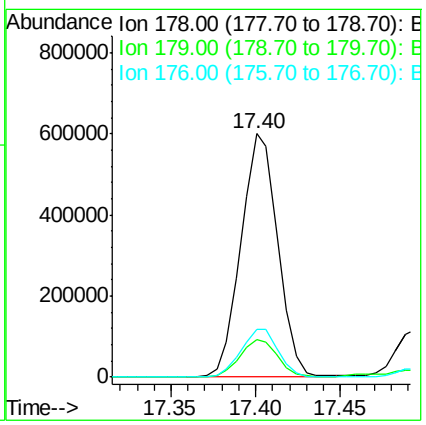
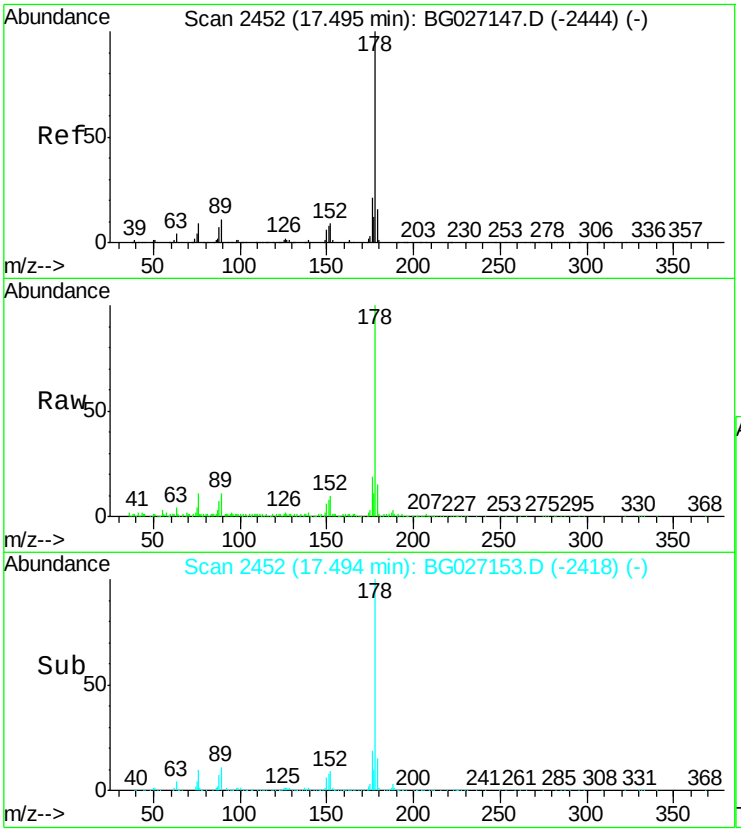


#13
Phenanthrene
Concen: 18.12 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:178 Resp: 906224

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.6	15.1	22.7

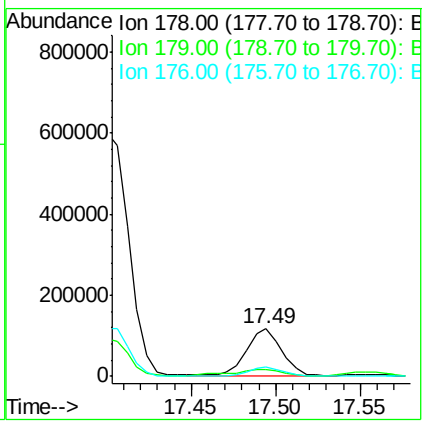




#15
Anthracene
Concen: 3.31 ng/ul
RT: 17.49 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:178 Resp: 169909

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	18.7	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
DAC97

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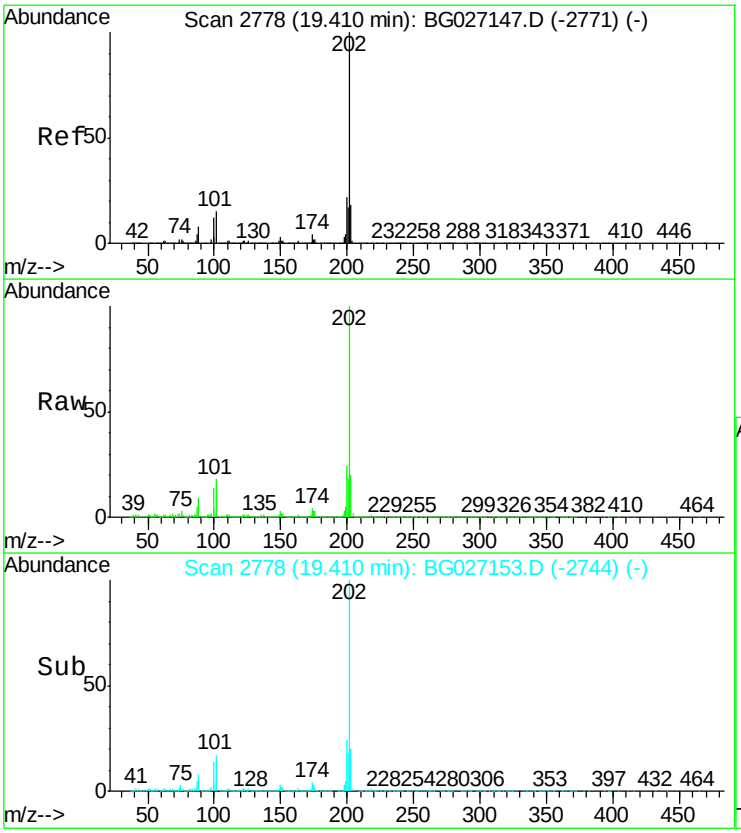
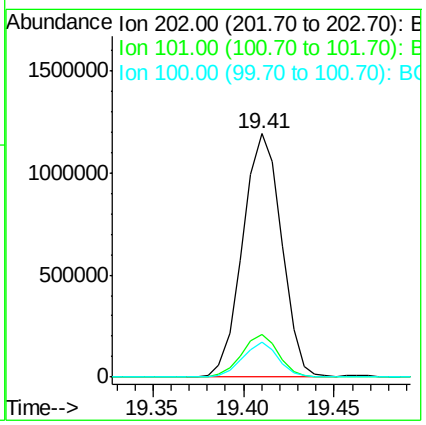
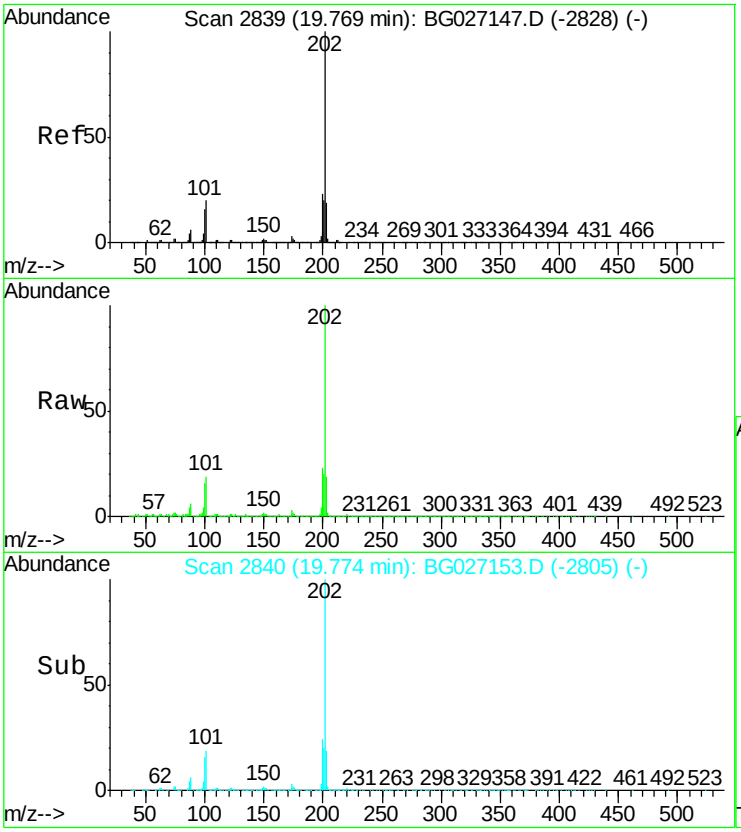


#16
Fluoranthene
Concen: 34.75 ng/ul
RT: 19.41 min Scan# 2778
Delta R.T. -0.00 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:202 Resp: 1777401

Ion	Ratio	Lower	Upper
202	100		
101	17.6	9.9	14.9#
100	14.3	7.4	11.0#





#19
Pyrene
Concen: 28.75 ng/ul
RT: 19.77 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:202 Resp: 1509582

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

Instrument :
BNA_G
ClientSampleId :
DAC97

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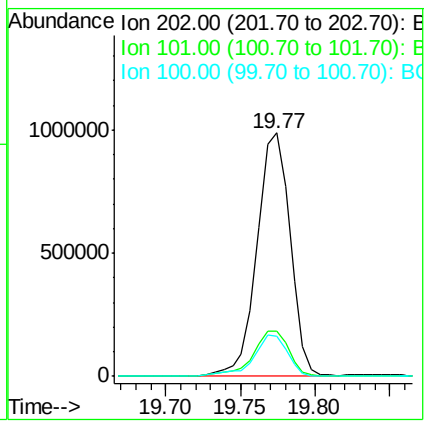
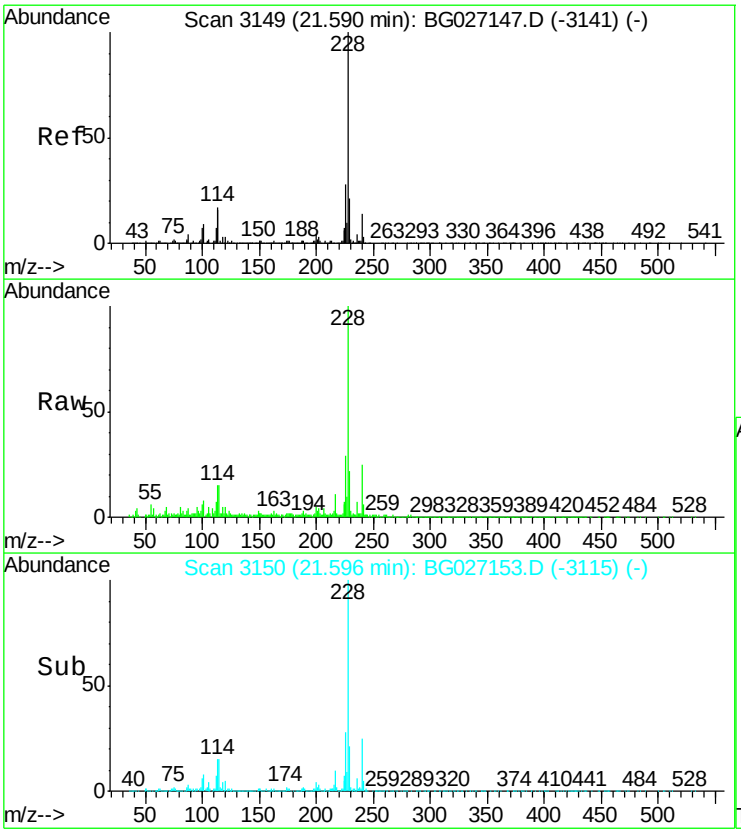
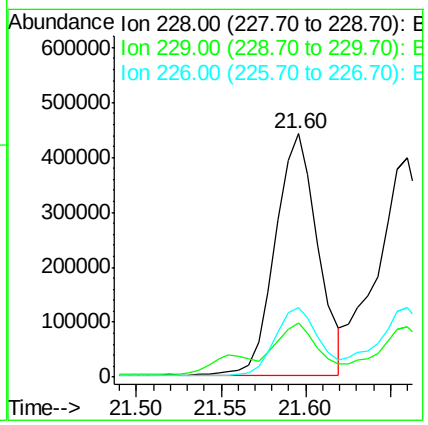


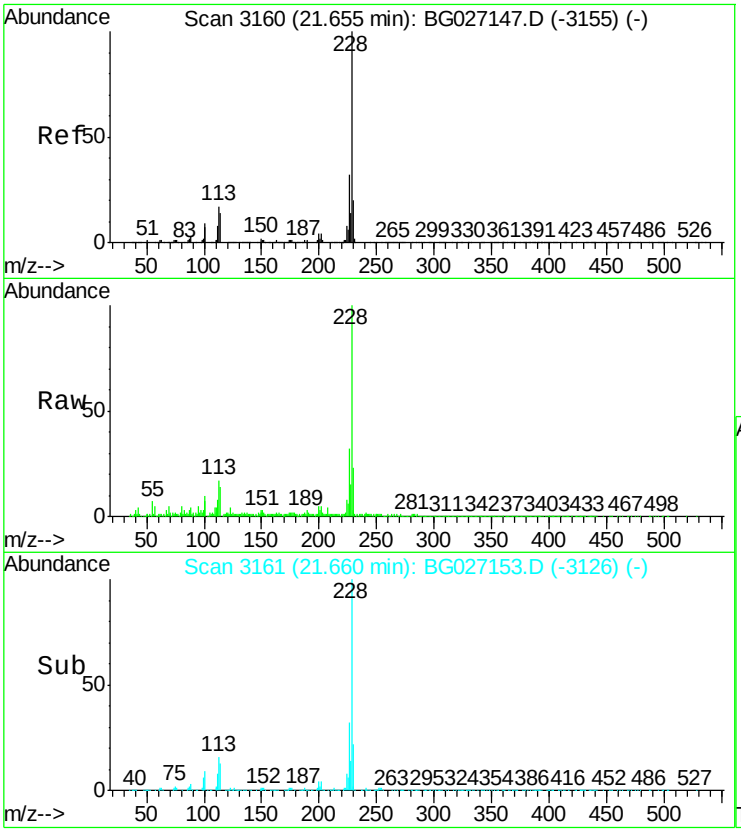


#20
Benzo(a)anthracene
Concen: 16.01 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:228 Resp: 774713

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	28.7	21.1	31.7

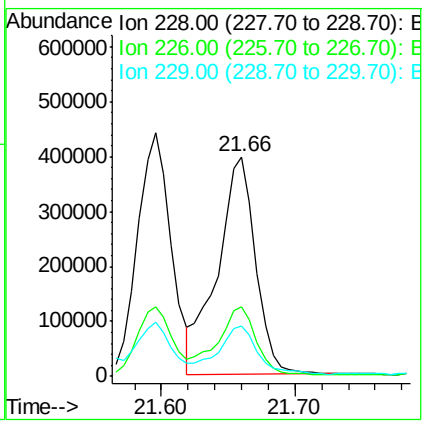




#21
Chrysene
Concen: 17.73 ng/ul
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:228 Resp: 787791

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.5	36.7
229	22.8	15.8	23.8



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ClientSampleId :
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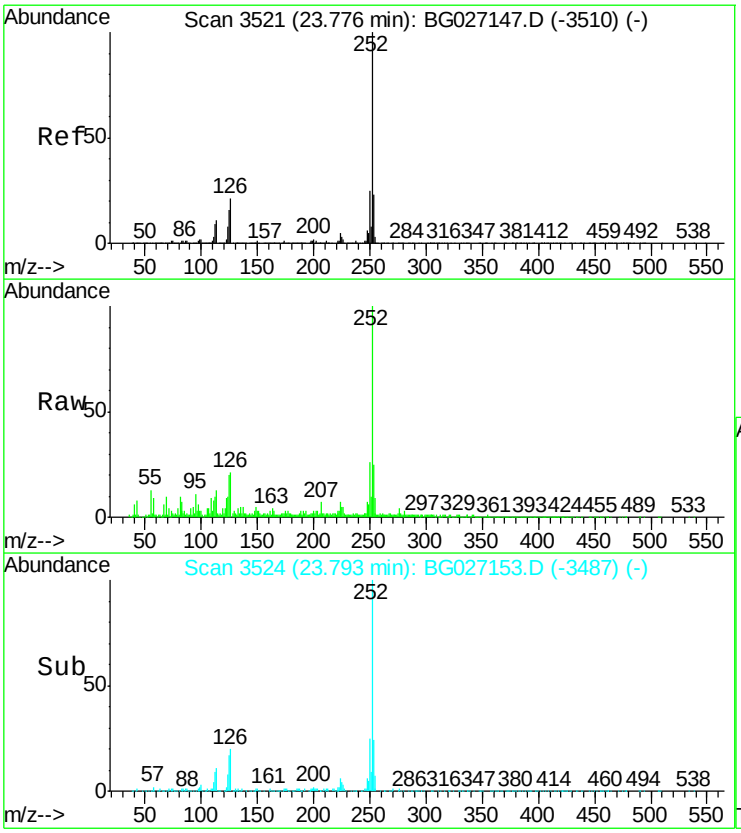
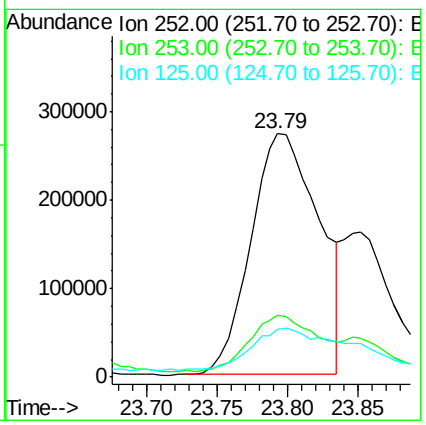
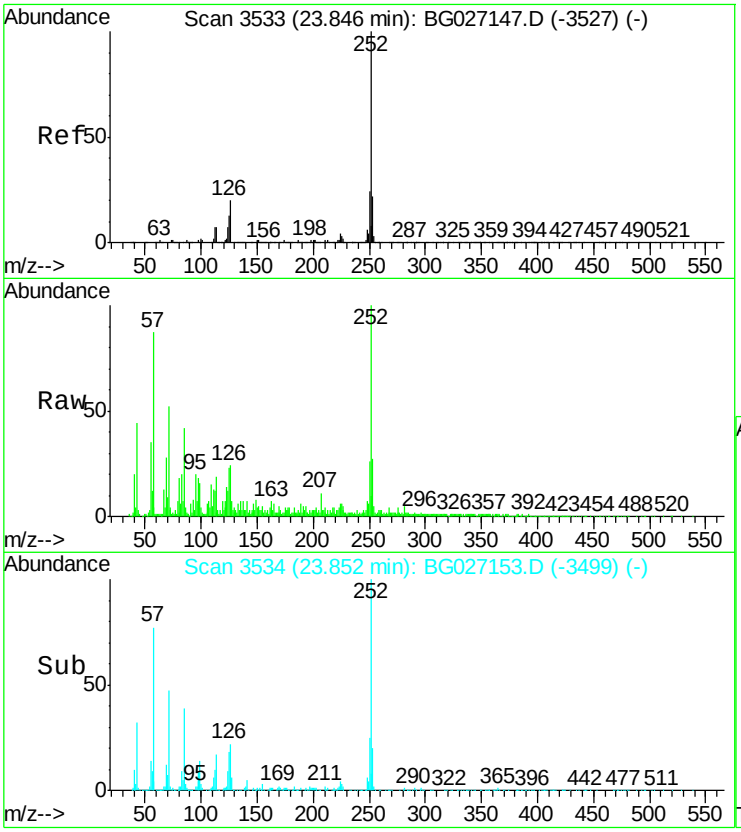


#23
Benzo(b)fluoranthene
Concen: 25.94 ng/ul
RT: 23.79 min Scan# 3524
Delta R.T. 0.02 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:252 Resp: 916980

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	19.8	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 11.70 ng/ul m
RT: 23.85 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:252 Resp: 425460

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.0	27.0
125	23.3	8.1	12.1#

Instrument :
BNA_G
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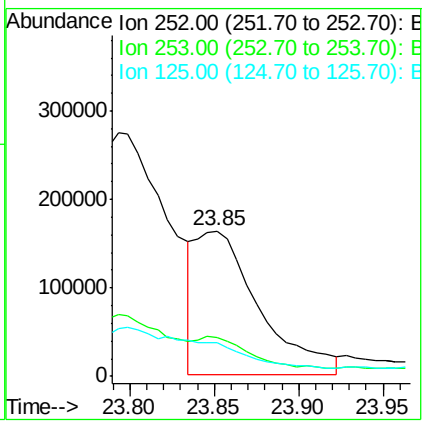
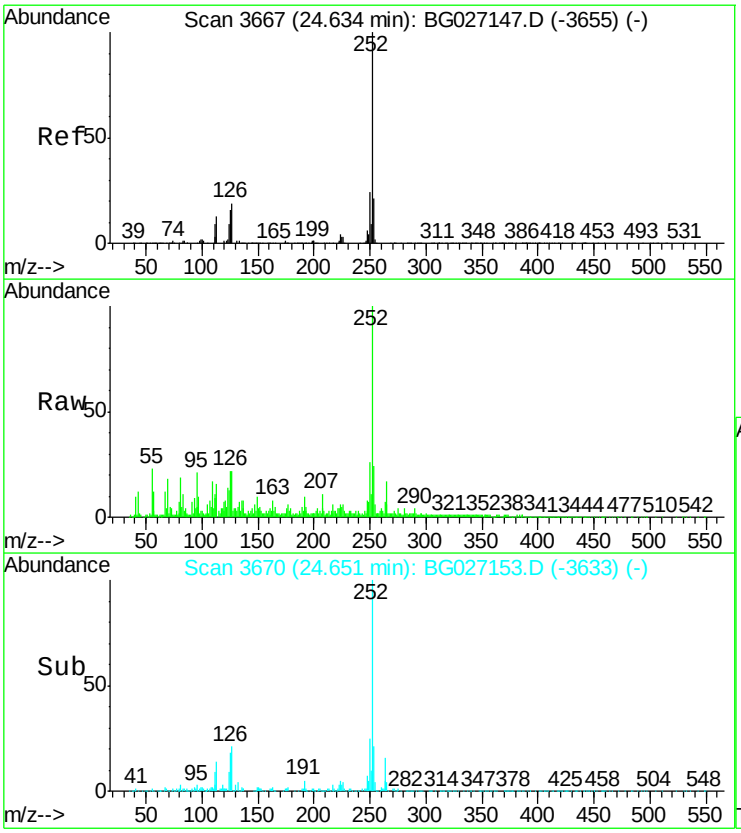
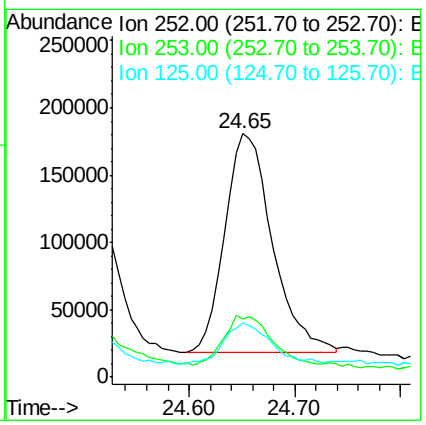


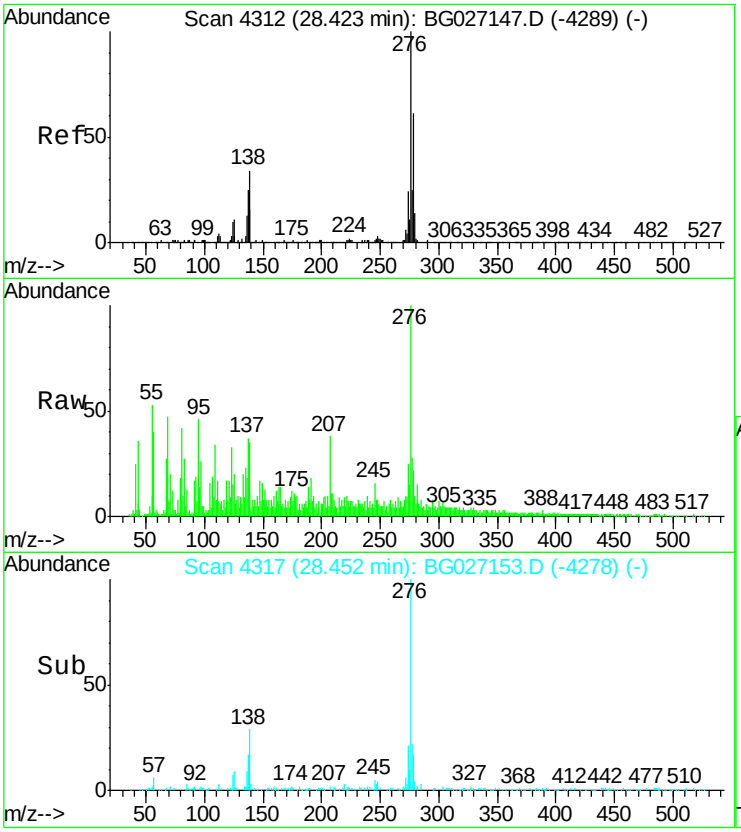


#26
Benzo(a)pyrene
Concen: 14.64 ng/ul
RT: 24.65 min Scan# 3670
Delta R.T. 0.02 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:252 Resp: 506270

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	22.1	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 7.88 ng/ul
RT: 28.45 min Scan# 4317
Delta R.T. 0.03 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:276 Resp: 250558

Ion	Ratio	Lower	Upper
276	100		
138	35.4	14.4	21.6#
277	28.4	18.0	27.0#

Instrument :
BNA_G
ClientSampleId :
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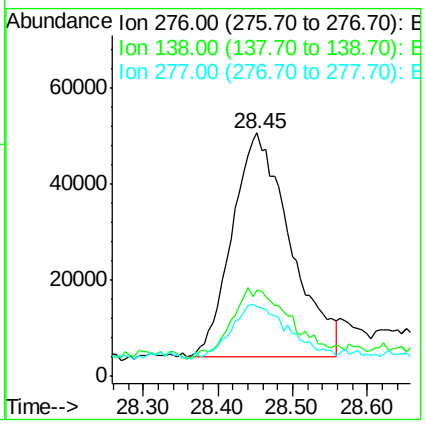
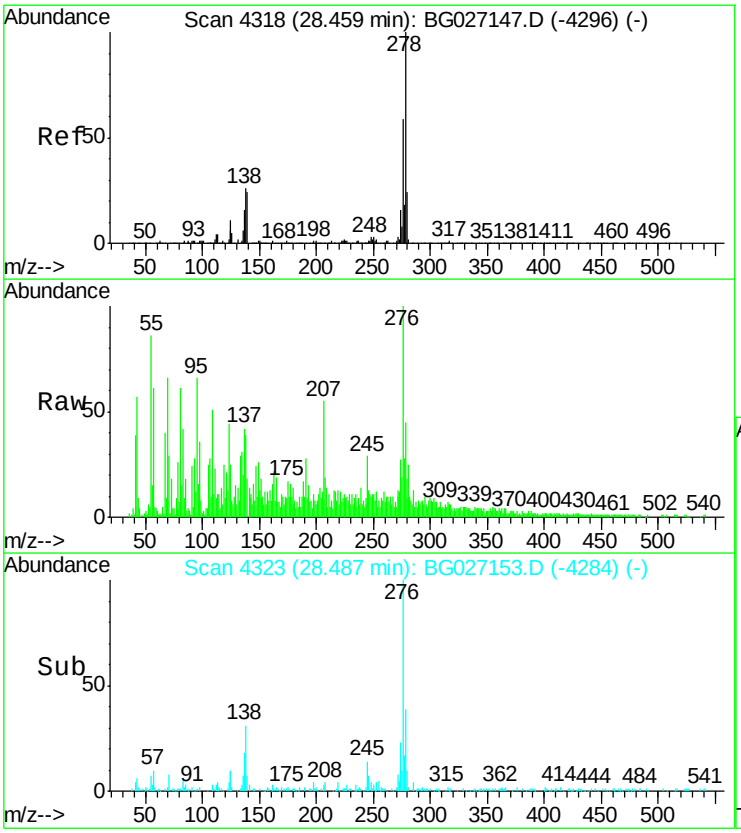
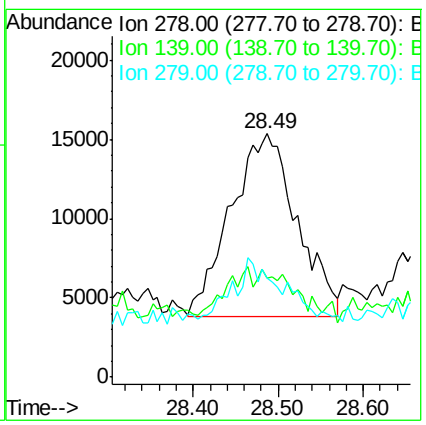


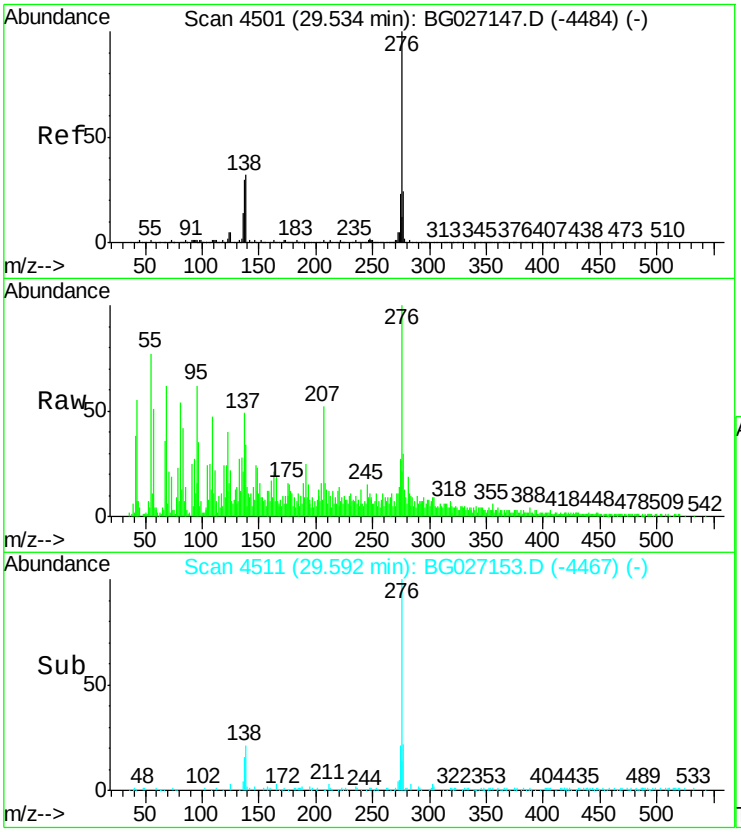


#28
Dibenzo(a,h)anthracene
Concen: 2.27 ng/ul m
RT: 28.49 min Scan# 4323
Delta R.T. 0.03 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:278 Resp: 62239

Ion	Ratio	Lower	Upper
278	100		
139	40.6	12.2	18.4#
279	40.5	19.2	28.8#

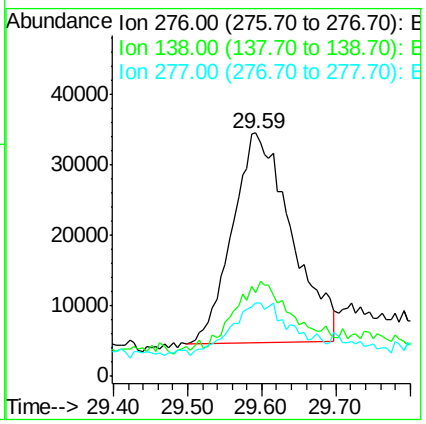




#29
Benzo(g,h,i)perylene
Concen: 6.55 ng/ul m
RT: 29.59 min Scan# 4511
Delta R.T. 0.06 min
Lab File: BG027153.D
Acq: 25 May 2017 7:17

Tgt Ion:276 Resp: 165755

Ion	Ratio	Lower	Upper
276	100		
138	34.3	15.3	22.9#
277	30.1	19.0	28.4#



Instrument :
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ClientSampleId :
DAC97

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