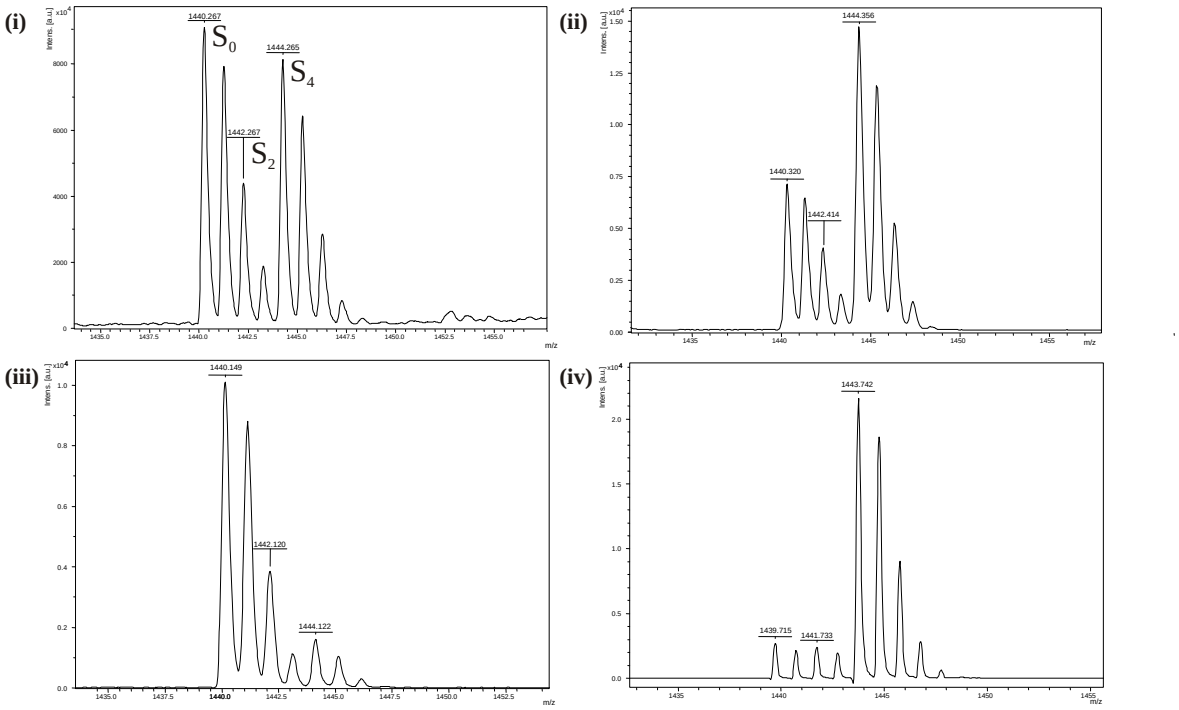
Figure 1

A



B

(1 : 1) (2 : 1) (1 : 5) (10 : 1)

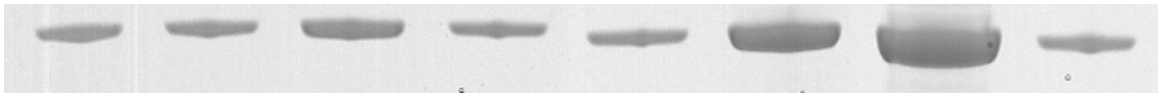


Figure 2

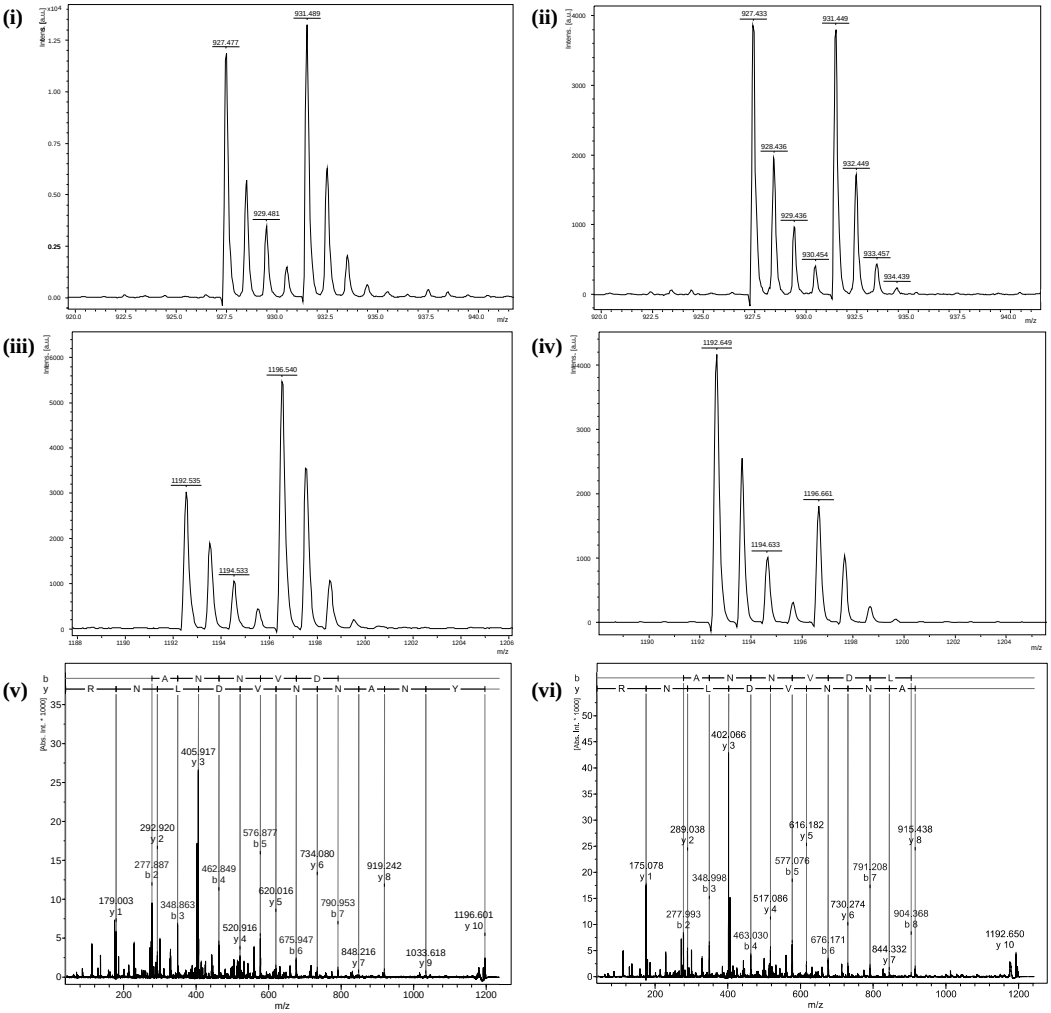
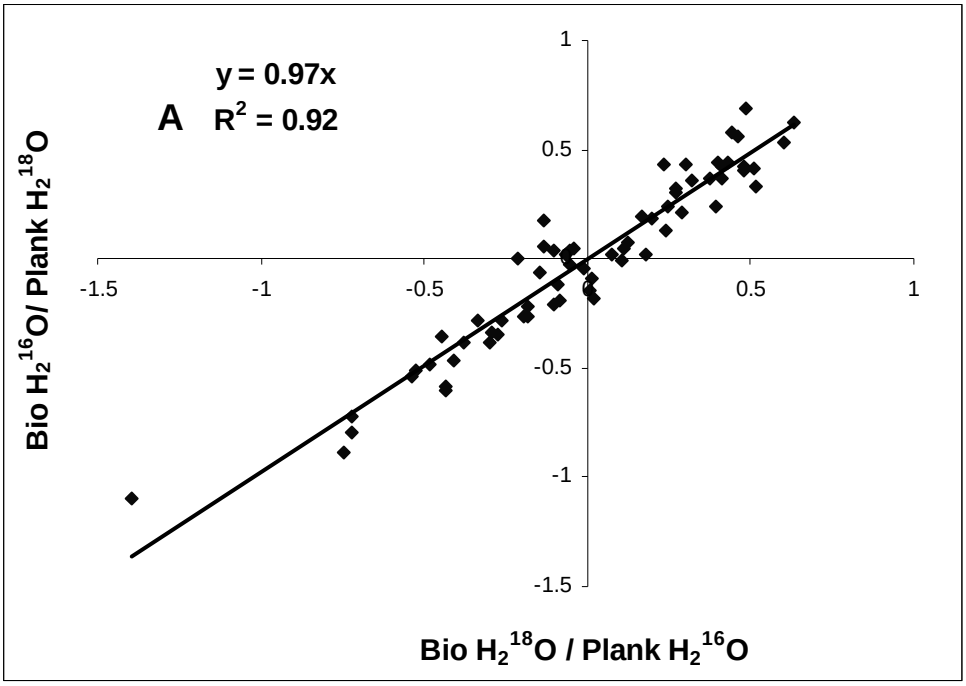

(i)
927.477
929.481
931.489
(ii)
927.433
928.436
929.436
930.454
931.449
932.449
933.457
934.439
(iii)
1192.535
1194.533
1196.540
(iv)
1192.649
1194.633
1196.661
(v)
R N L D V N N A N Y
A N N V D
405.917 y 3
292.920 y 2
277.887 b 2
179.003 y 1
348.863 b 3
462.849 b 4
520.916 y 4
576.877 b 5
620.016 y 5
675.947 b 6
734.080 y 6
790.953 b 7
848.216 y 7
919.242 y 8
1033.618 y 9
1196.601 y 10
m/z
(vi)
R N L D V N N A
A N N V D L
402.066 y 3
289.038 y 2
175.078 y 1
277.993 b 2
348.998 b 3
463.030 b 4
517.086 y 4
577.076 b 5
616.182 y 5
676.171 b 6
730.274 y 6
791.208 b 7
844.332 y 7
904.368 b 8
915.438 y 8
1192.650 y 10
m/z

Figure 3


A
y = 0.97x
R2 = 0.92
Bio H2 16O/ Plank H2 18O
Bio H2 18O / Plank H2 16O
1
0.5
-0.5
-1
-1.5
-1.5
-1
-0.5
0.5
1

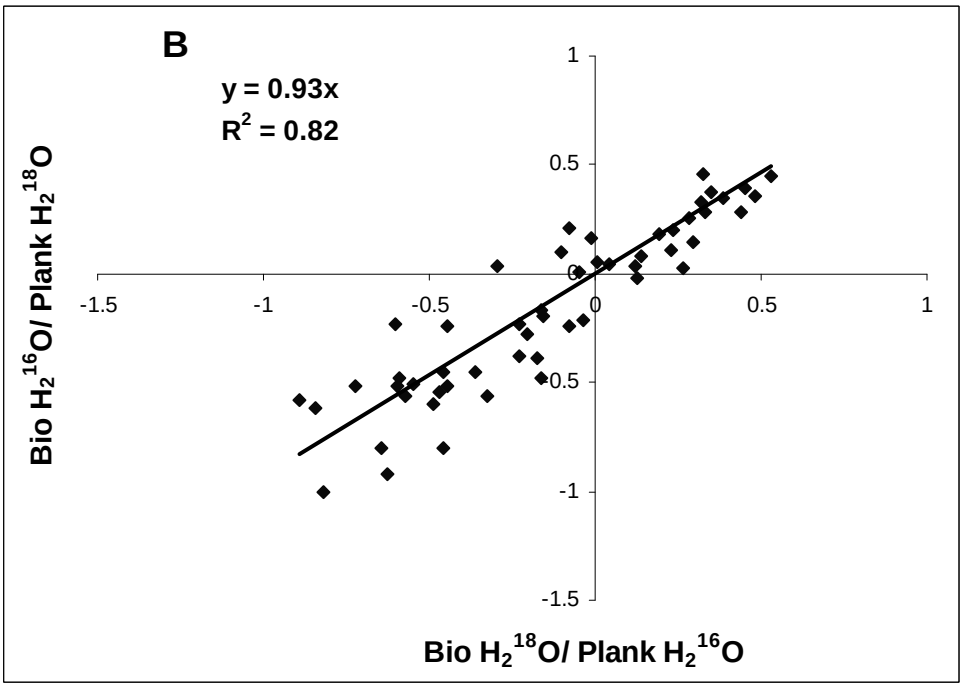
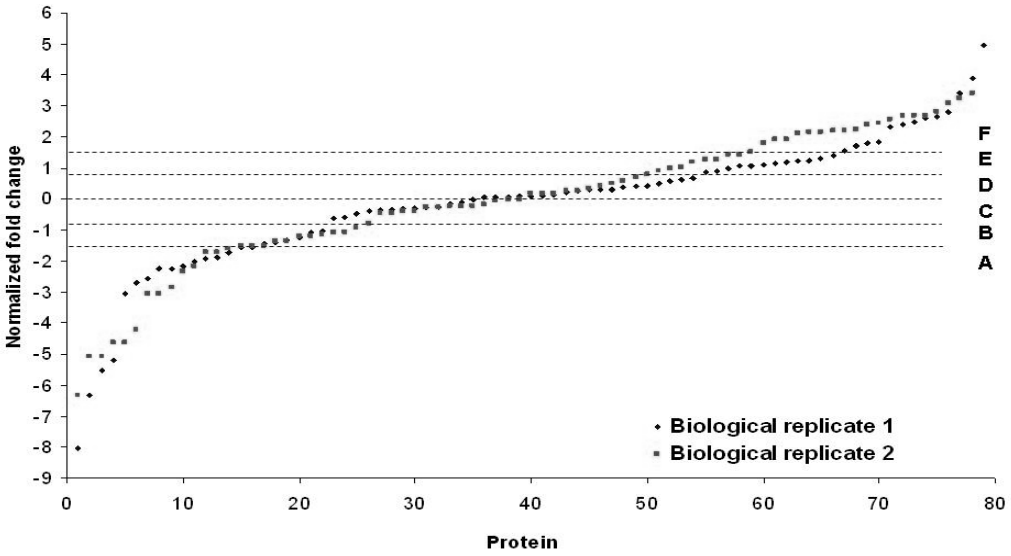
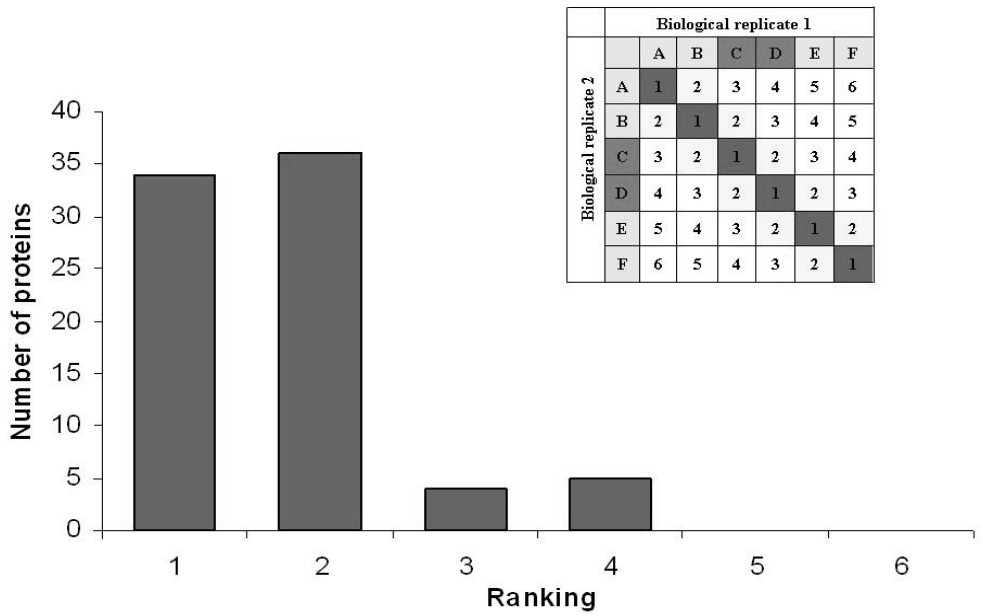

B
y = 0.93x
R2 = 0.82
Bio H2 16O/ Plank H2 18O
Bio H2 18O/ Plank H2 16O
1
0.5
0
-0.5
-1
-1.5
-1.5
-1
-0.5
0
0.5
1

Figure 4

(A)

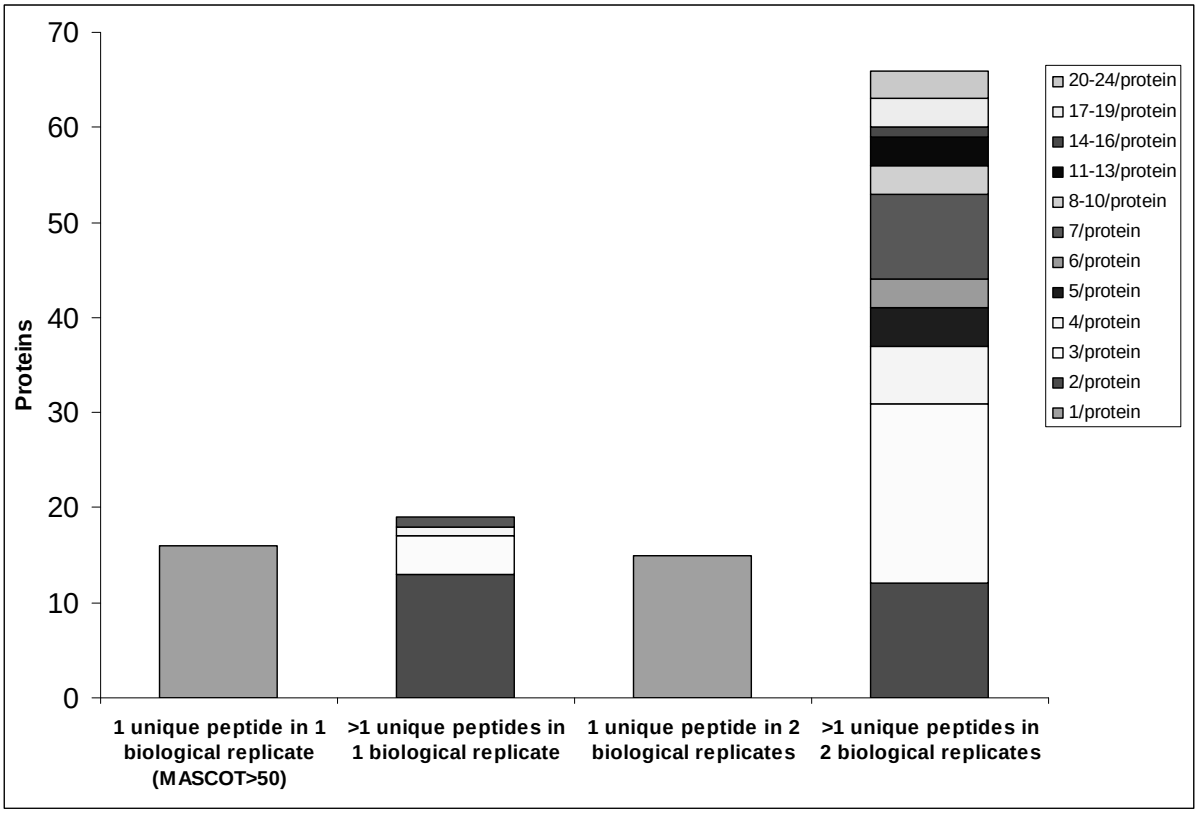


(B)



Biological replicate 2 \ Biological replicate 1	A	B	C	D	E	F
A	1	2	3	4	5	6
B	2	1	2	3	4	5
C	3	2	1	2	3	4
D	4	3	2	1	2	3
E	5	4	3	2	1	2
F	6	5	4	3	2	1

Figure 5


70
60
50
40
30
20
10
0
Proteins
20-24/protein
17-19/protein
14-16/protein
11-13/protein
8-10/protein
7/protein
6/protein
5/protein
4/protein
3/protein
2/protein
1/protein
1 unique peptide in 1 biological replicate (MASCOT>50)
>1 unique peptides in 1 biological replicate
1 unique peptide in 2 biological replicates
>1 unique peptides in 2 biological replicates