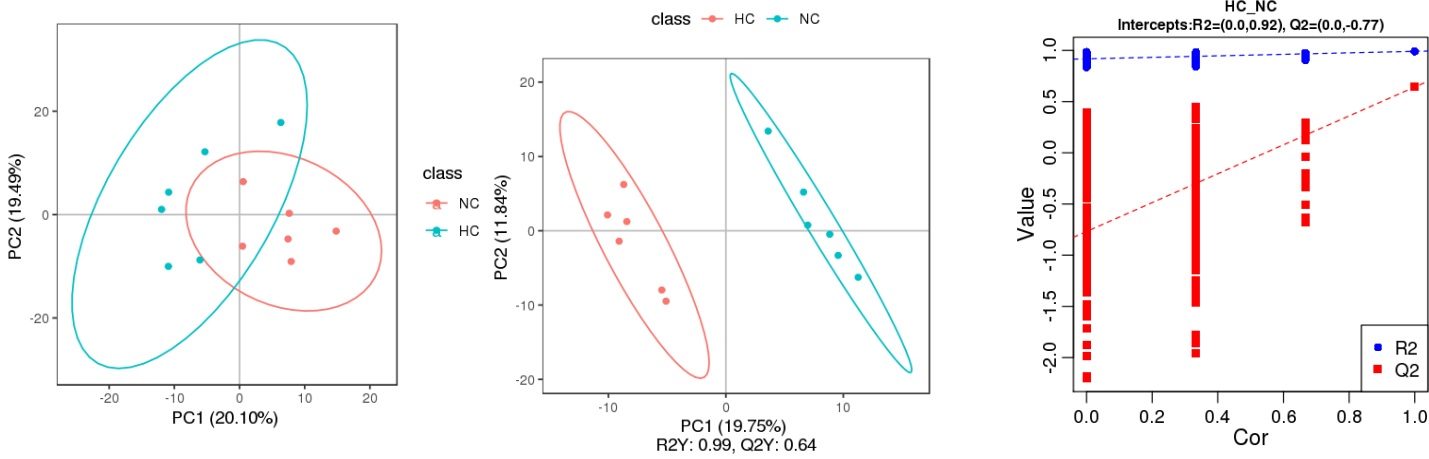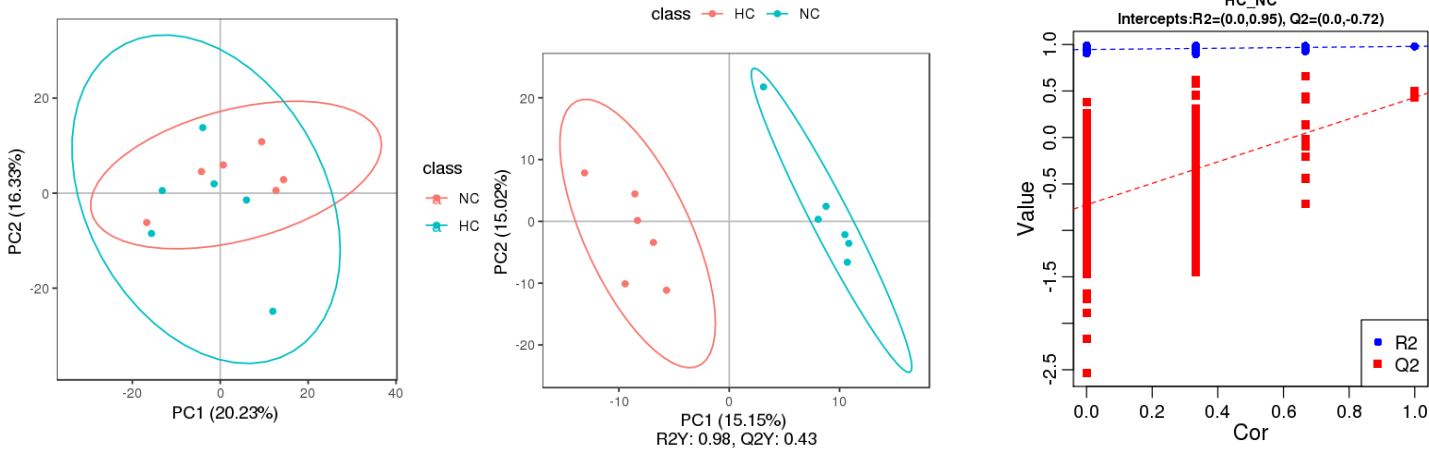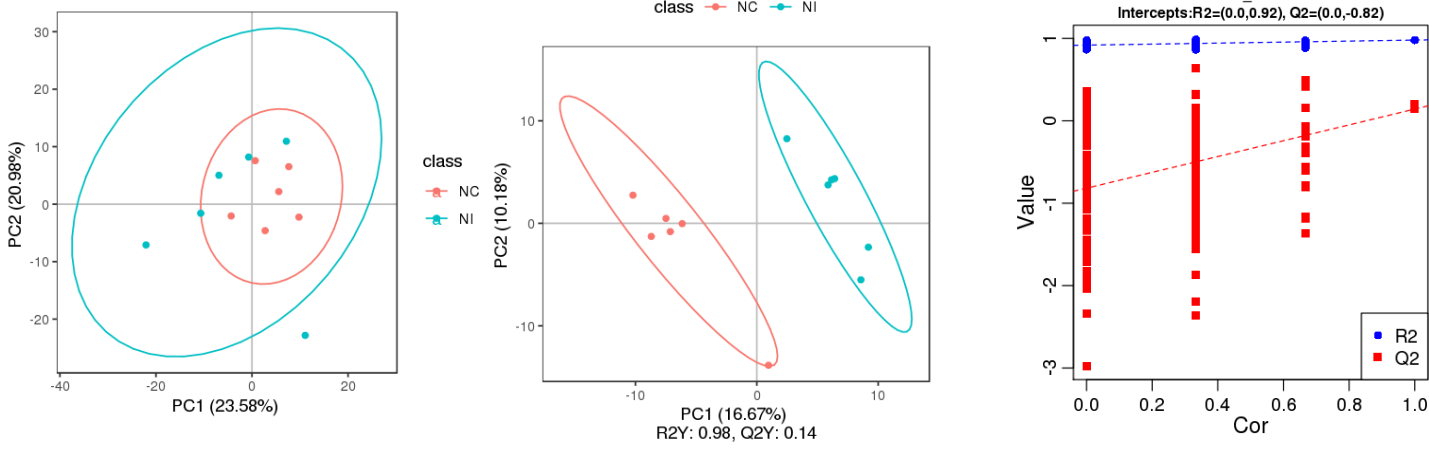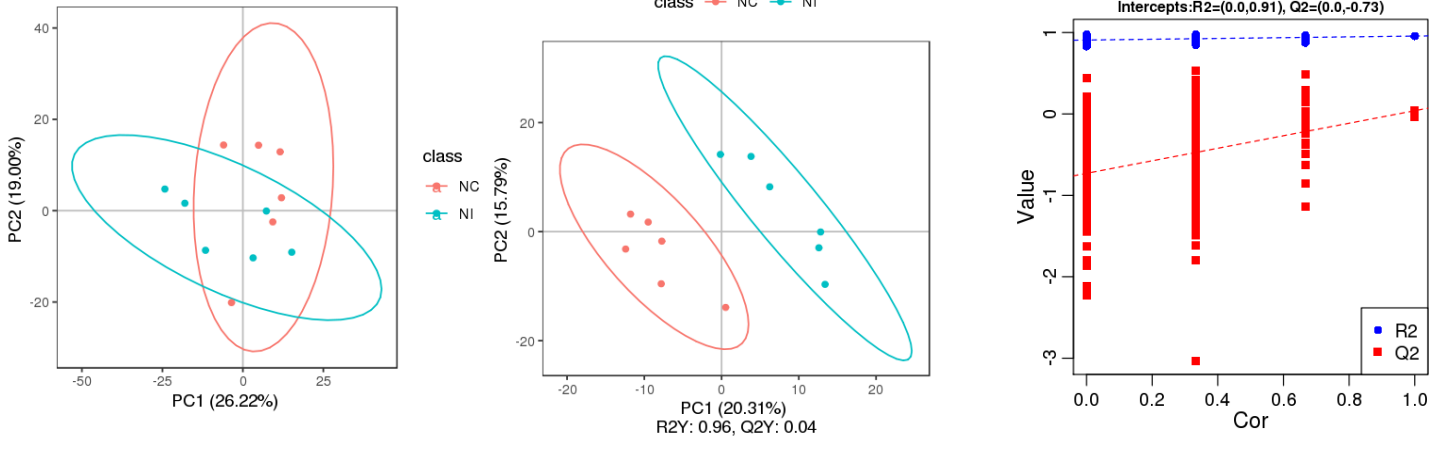A

B

C

D

Figure S1 The screening of differential metabolites of the NC, HC and HI groups was carried out for quality control and comparisons of differential metabolic characteristics. PC1 and PC2 represent the scores of the first and second principal components, respectively. (A) PCA, PLS-DA and function based on the sevenfold cross-validation method of the NC and HC groups in negative ion scanning mode. (B) PCA, PLS-DA and function based on the sevenfold cross-validation method of the NC and HC groups in positive ion scanning mode. (C) PCA, PLS-DA and function based on the sevenfold cross-validation method of the NC and NI groups in negative ion scanning mode. (D) PCA, PLS-DA and function based on the sevenfold cross-validation method of the NC and NI groups in positive ion scanning mode.