



**Figure S1:** Nontargeted analysis of the differences of metabolites during processing. A: The score scatter plots of the PLS-DA model of non-volatile metabolites during enzyme reaction stage. B: The score scatter plots of the PLS-DA model of non-volatile metabolites during enzyme reaction stage. C: The score scatter plots of the PLS-DA model of non-volatile metabolites during nonenzymatic reaction stage. D: The score scatter plots of the PLS-DA model of non-volatile metabolites during nonenzymatic reaction stage.