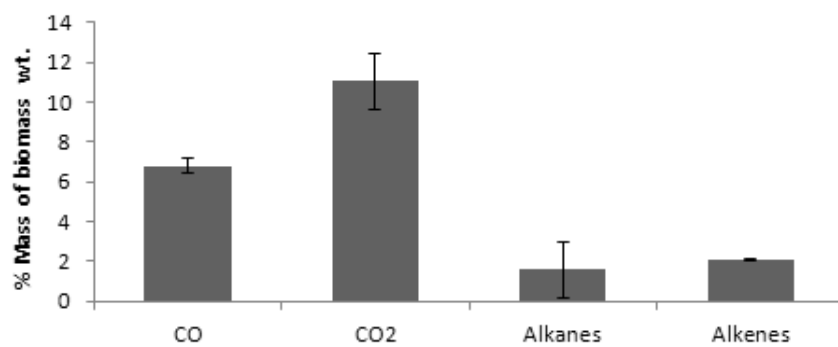
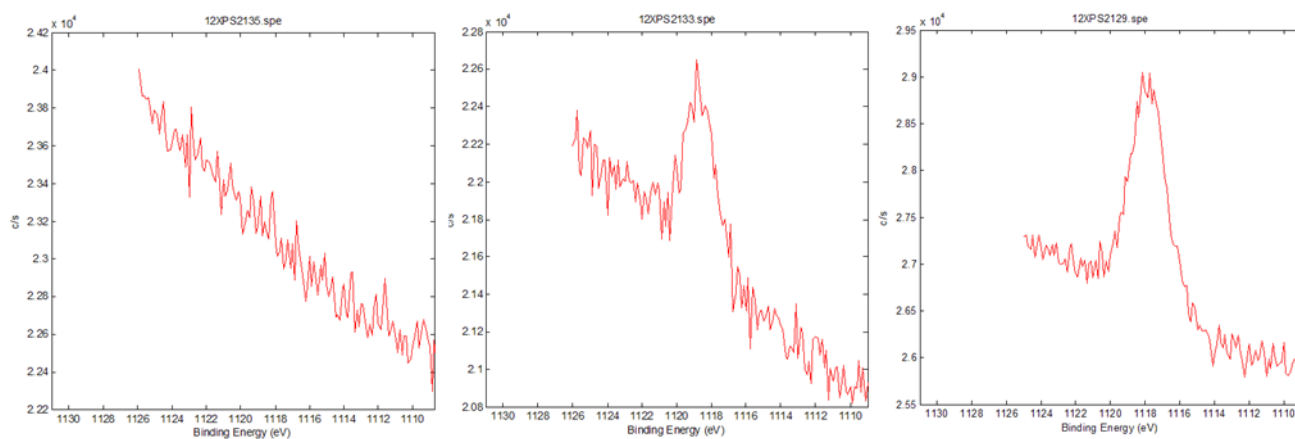




Supplementary Fig. 1. An example of the composition of gas from catalytic biomass pyrolysis (biomass poplar with MSU-MFI catalyst (M1) at 650 °C pyroprobe temperature set-point and 20 s reaction time).



Supplementary Fig. 2. Evidence of Gallium on surface of M1 catalyst: control, 0.5% and 2% Ga