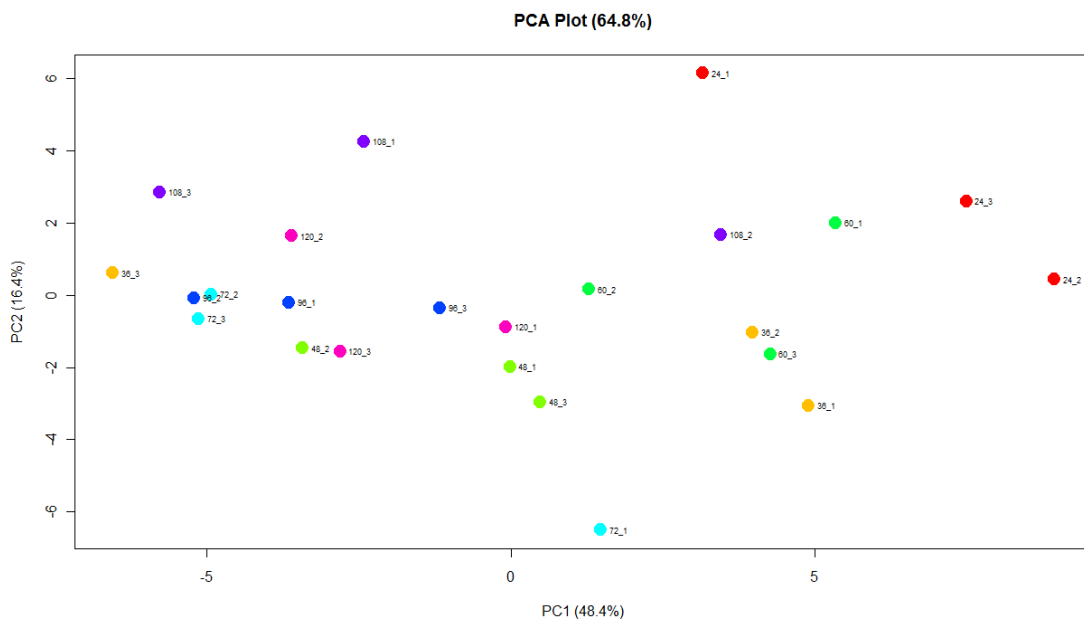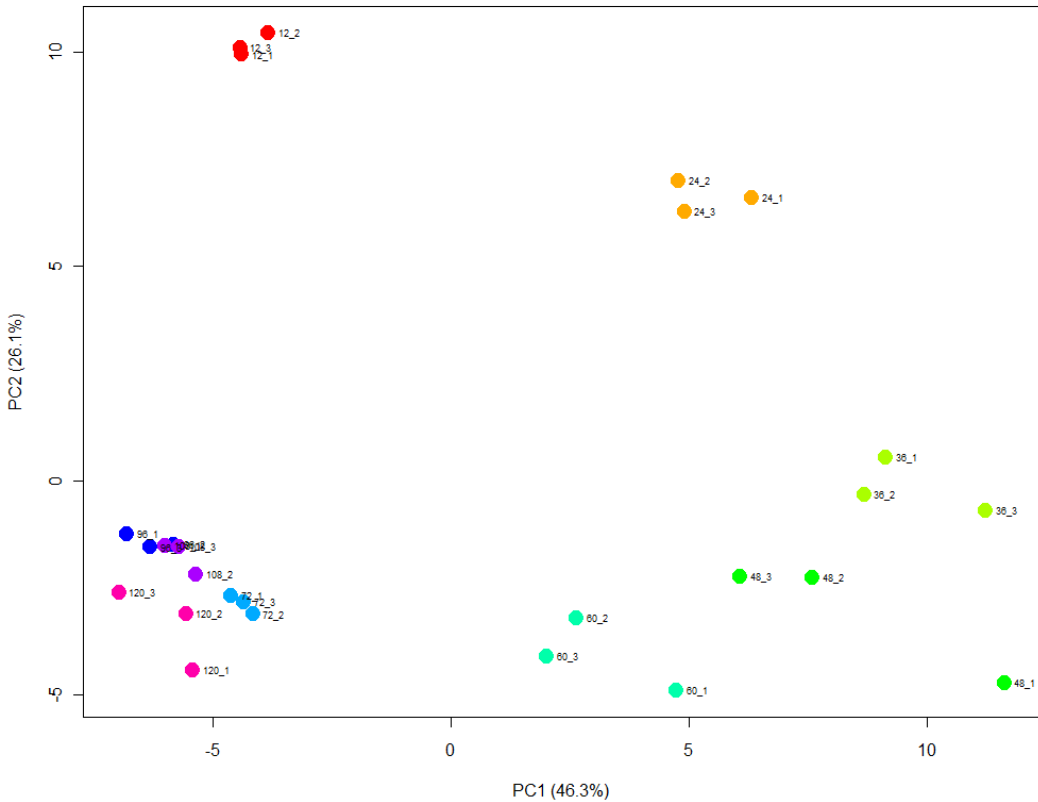**Supplemental figure 1A. Principal component analysis of FAME datasets.** Biological replicates are color coded and plotted along principal components 1 and 2 to visualize clustering and reproducibility.
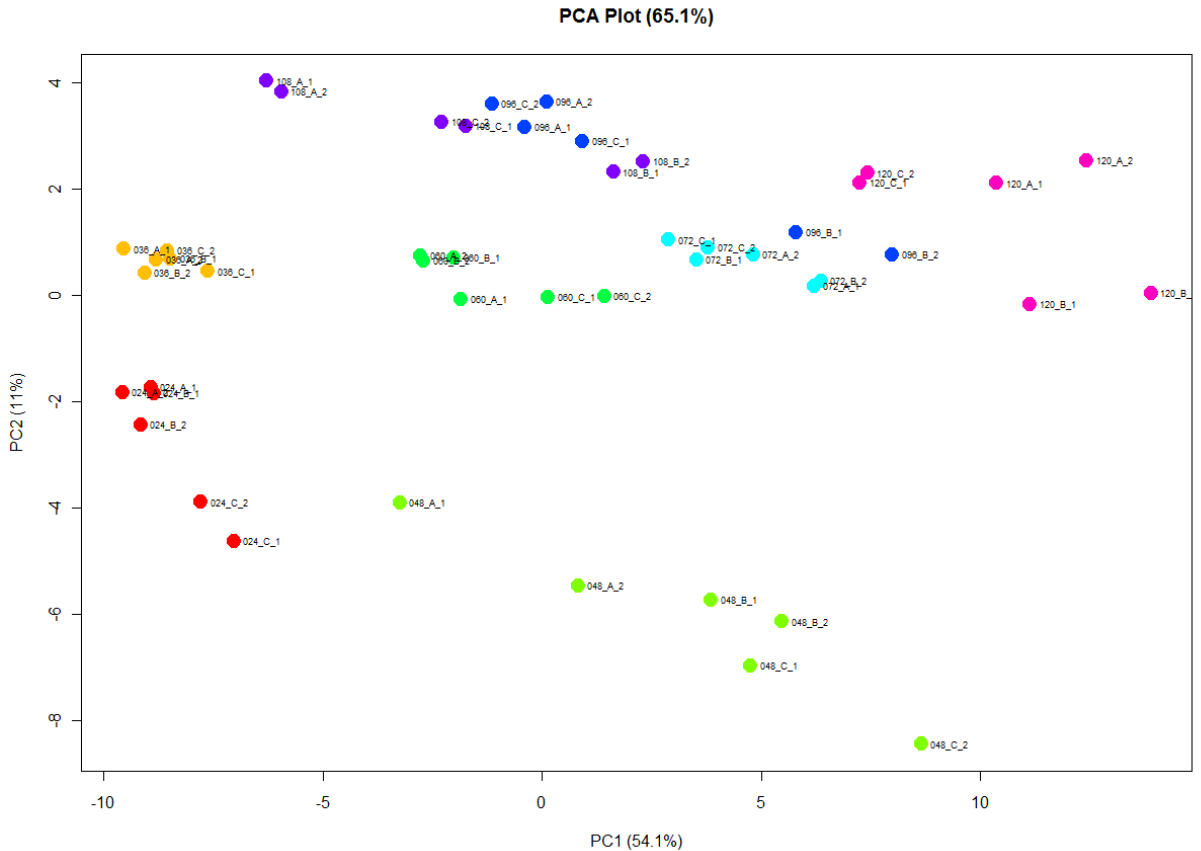
Supplemental figure 1B. Principal component analysis of intact lipid datasets. Biological replicates are color coded and plotted along principal components 1 and 2 to visualize clustering and reproducibility.

PCA Plot (72.4%)

Supplemental figure 1C. Principal component analysis of extracellular metabolite datasets. Biological replicates are color coded and plotted along principal components 1 and 2 to visualize clustering and reproducibility.

Supplemental figure 1D. Principal component analysis of intracellular polar metabolite datasets. Biological replicates are color coded and plotted along principal components 1 and 2 to visualize clustering and reproducibility.