Figure 6: (a) PCA plot of samples from tomato roots and shoots harvested after PA or mock treatment (Control), based on the features detected by negative mode UPLC-MS analysis. Shading represent 95% confidence ellipses. **(b)** Heatmap (showing normalized, centered and scaled feature abundances) and hierarchical clustering of samples and features from tomato roots and shoots harvested after PA or mock treatment (Control), based on the same dataset as used for Figure 6a **(c)** Number of galls in the roots of tomato plants 28 days post inoculation with 250 J2 juveniles of *M. incognita* wild type tomato plants (WT) or tomato plants expressing the *NahG* construct (NahG) and pre-treated with 300 µM piperonylic acid (PA) or a corresponding mock treatment (Control). Treatments with different letters differ significantly.