



**Figure 7: Abundance of OTUs/ASVs within \*Planctomyces\* genus across depth**

```
p1 <- workingMTaxa %>% psmelt() %>% ggplot() + geom_point(aes(x = O2_uM,
  y = Abundance), size = 5, alpha = 0.7) + geom_smooth(method = "lm",
  aes(x = O2_uM, y = Abundance)) + facet_wrap(~OTU, scales = "free_y") +
  labs(title = "Per OTU abundance information")
p2 <- workingMTaxa %>% psmelt() %>% ggplot() + geom_point(aes(x = Sample,
  y = OTU, size = O2_uM, color = OTU)) + scale_size_continuous(range = c(0,
  5)) + theme(axis.text.x = element_text(angle = 45, hjust = 1)) +
  labs(title = "Abundance of OTUs across samples")
```