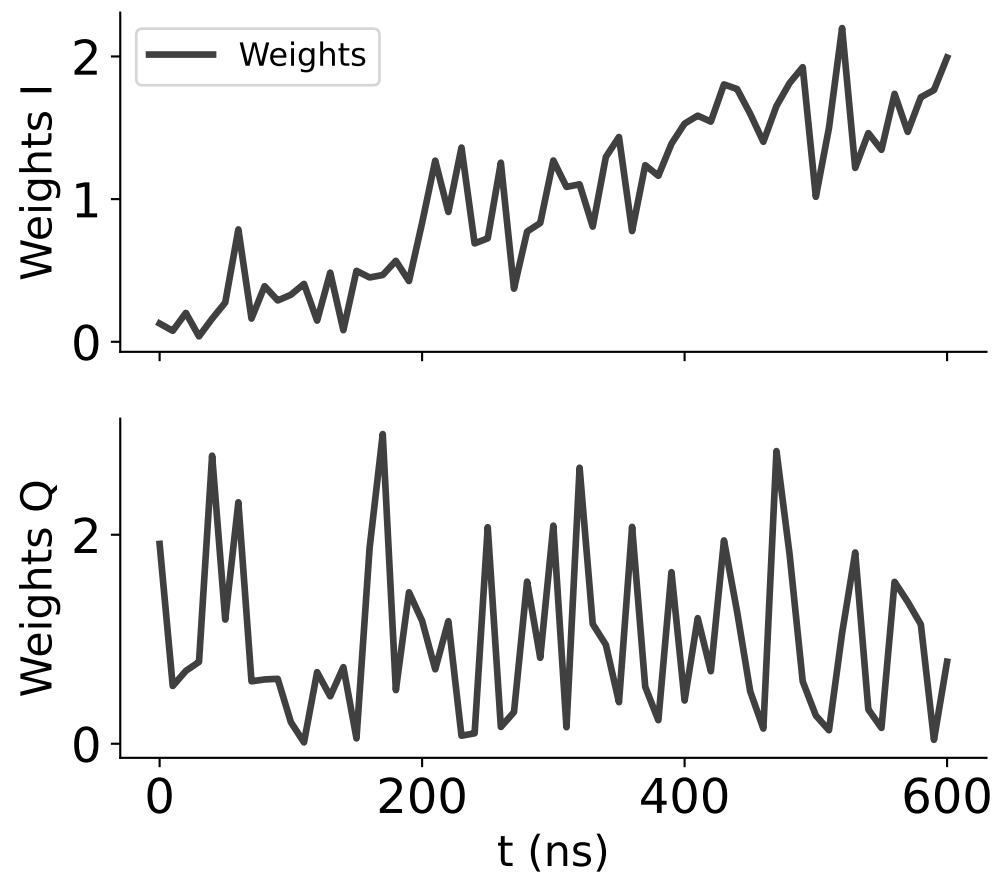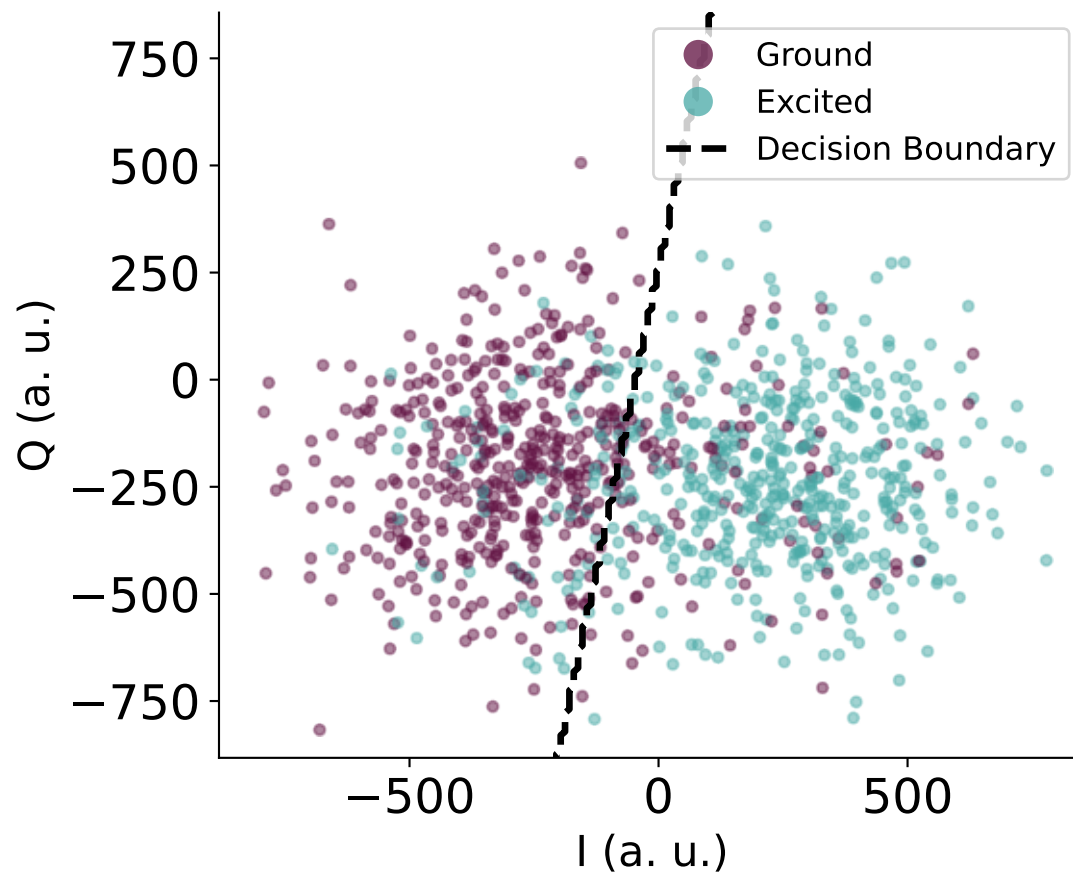# Fidelity Analysis for Realistic