A Harmane **B** Norharmane **C** TIQ
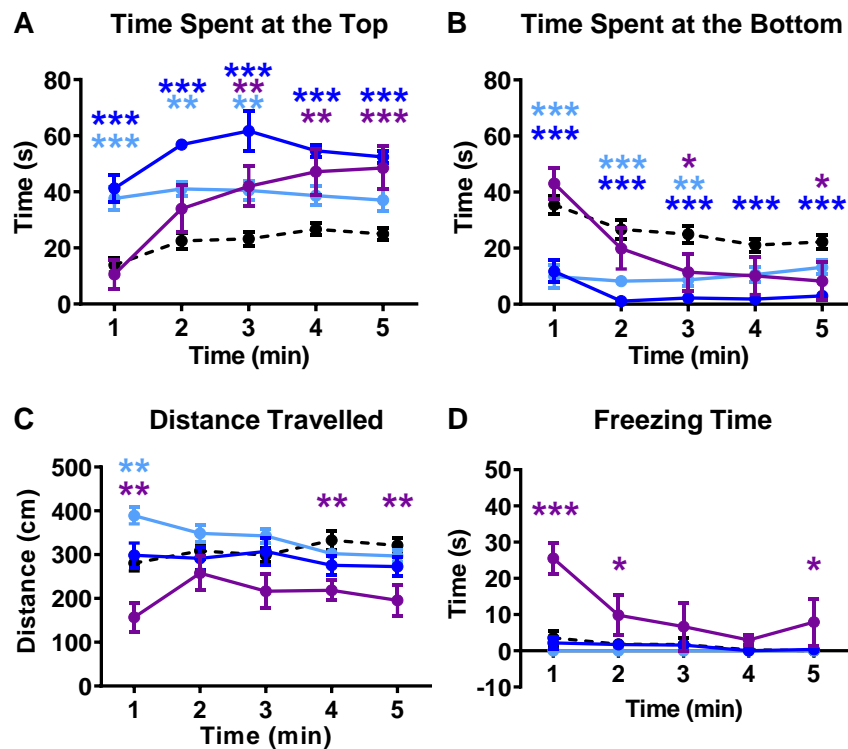
D TMN **E** Clorgyline **F** Pargyline

Supplementary Figure 1. Representative swimming traces
Corresponding swimming traces for heat maps in **Figs. 2A-C** and **3A-C** are
presented for (A) harmane (3 mg/L), (B) norharmane (3 mg/L), (C) TIQ (100
mg/L), (D) TMN (30 mg/L), (E) clorgyline (100 mg/L), and (F) pargyline (10
mg/L), representing swimming behavior for one zebrafish per compound. Data
are expressed as mean ± SEM. * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.

Supplementary Figure 2. Zebrafish NTT results for buspirone
(A) Time spent at the top, (B) time spent at the bottom, (C) total distance
travelled, and (D) freezing time are presented for buspirone. Black dashed line
= control (n = 35); light blue = 10 mg/L buspirone (n = 12); blue = 30 mg/L
buspirone (n = 18); purple = 100 mg/L buspirone (n = 9). Data are expressed as
mean ± SEM. * p < 0.05; ** p < 0.01; *** p < 0.001.