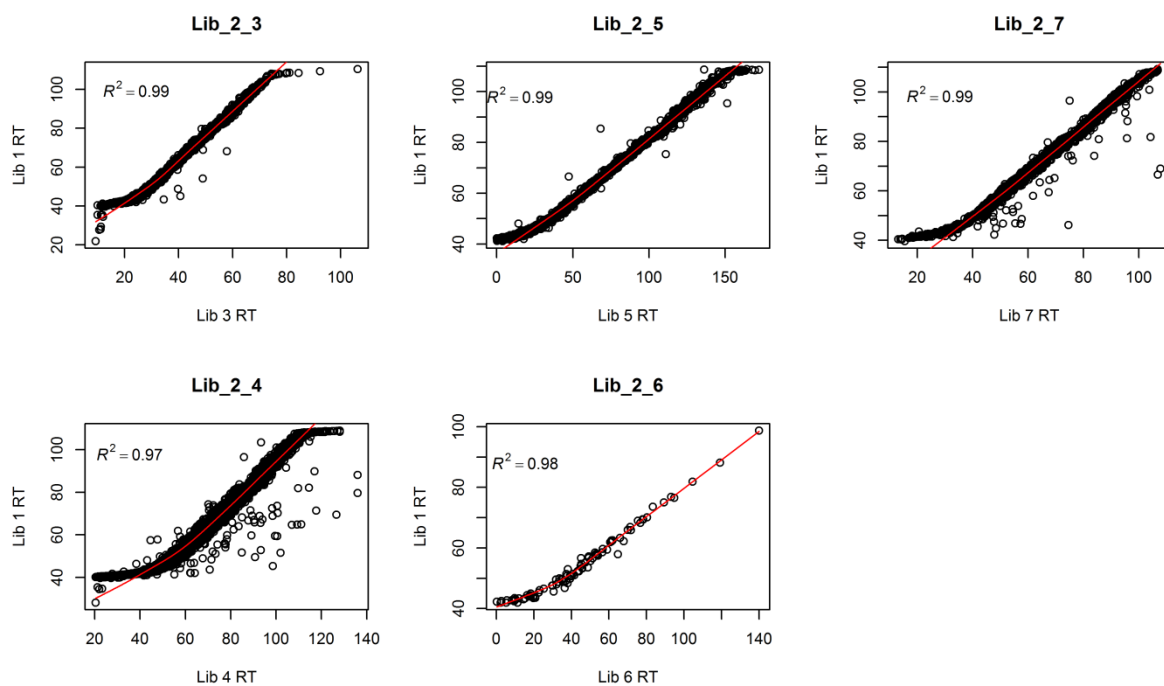


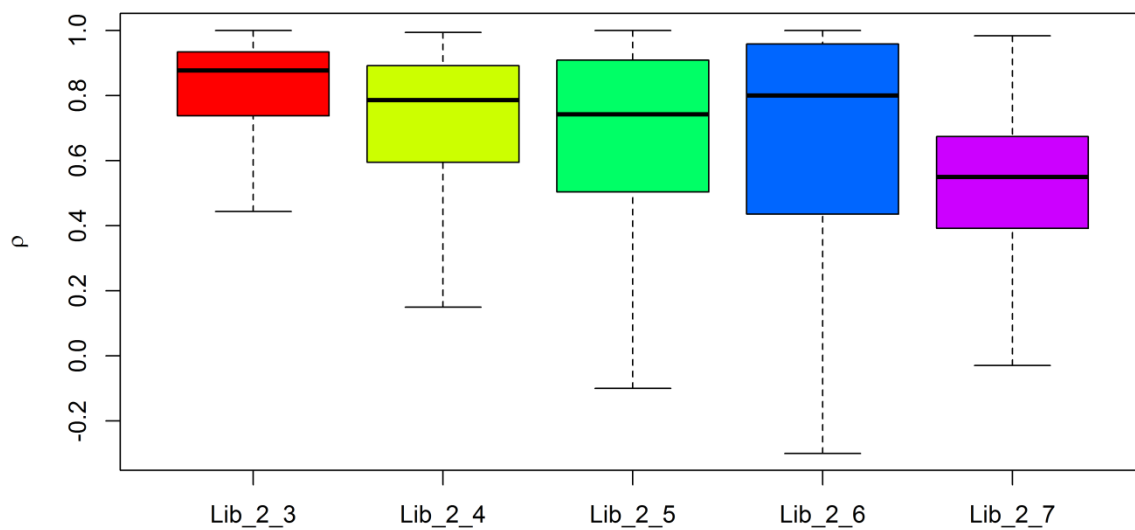
Supplemental Figure S5

The matching quality of different add-on libraries with the seed library. A), the retention time correlation between the seed library, Lib2, and the add-on libraries, Lib3, Lib4, Lib5, Lib6 and Lib7. B), the relative ion intensity correlation (Spearman) between the seed library, Lib2, and the add-on libraries, Lib3, Lib4, Lib5, Lib6 and Lib7. C), the median of Spearman correlation of relative ion intensity between the seed library, Lib2, and the add-on libraries, Lib3, Lib4, Lib5, Lib6 and Lib7.

A



B Relative ion intensity correlations (spearman)



C

	Lib_2_3	Lib_2_4	Lib_2_5	Lib_2_6	Lib_2_7
Median Spearman ρ	0.88	0.79	0.74	0.8	0.55