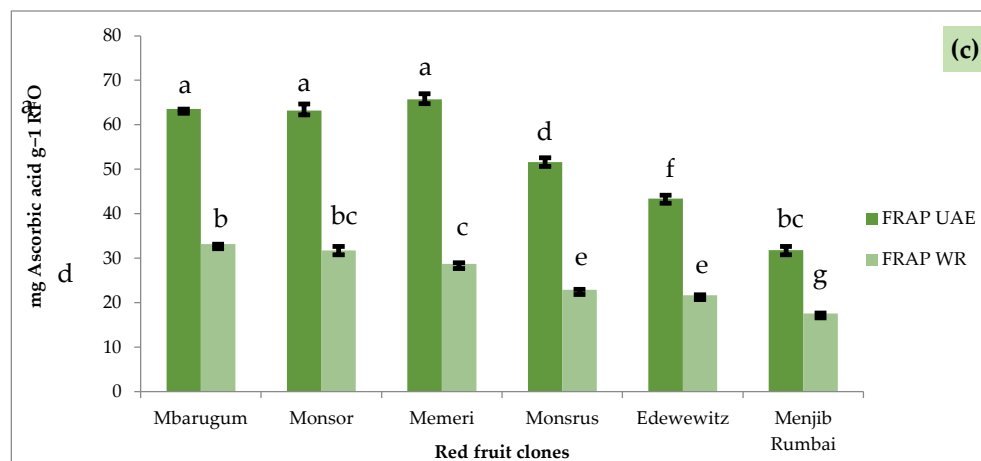
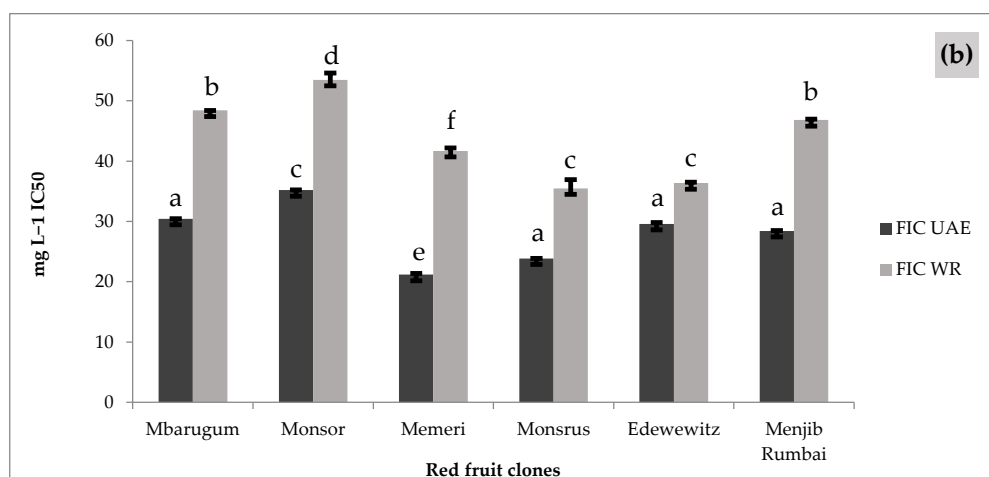
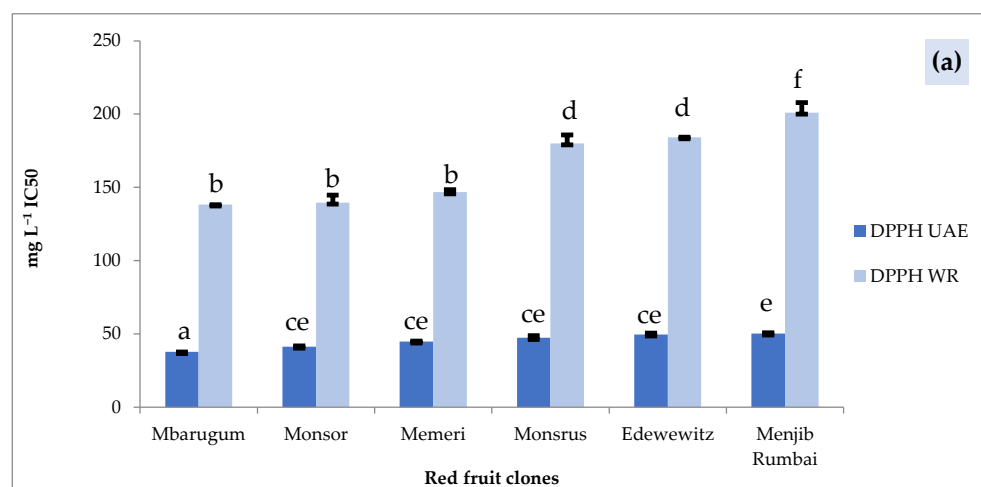
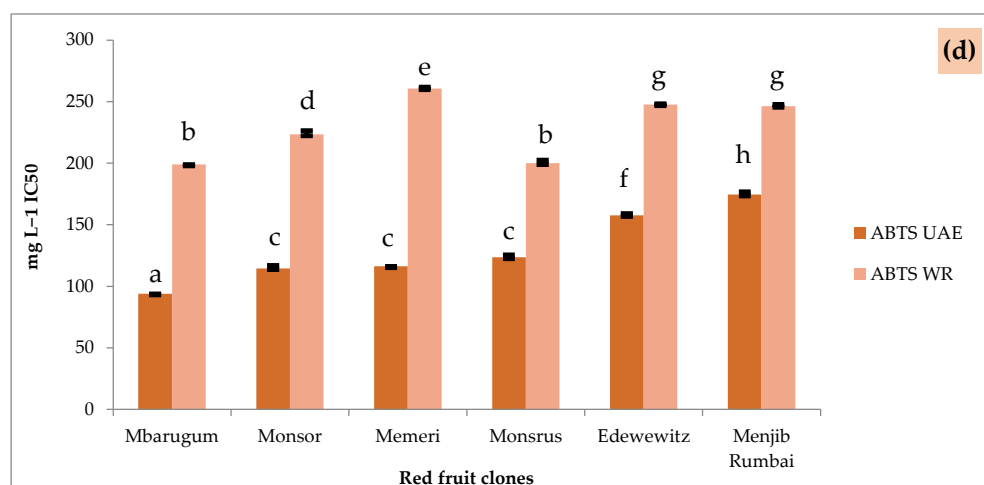


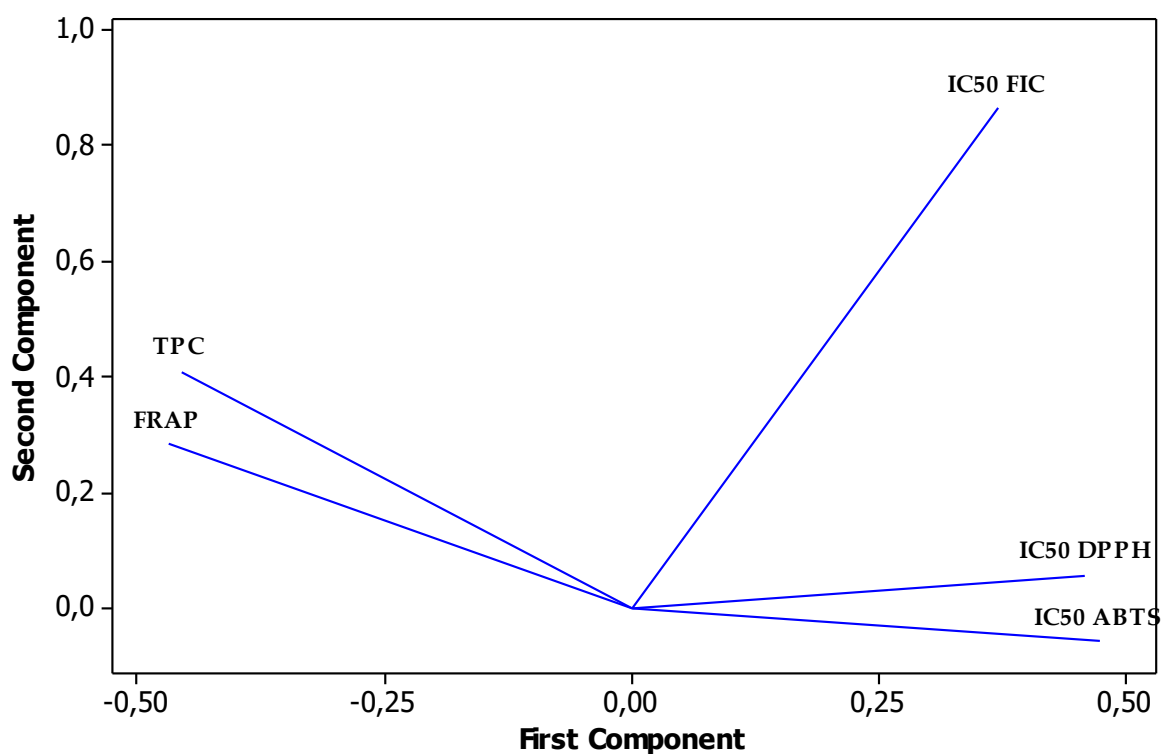
Supplementary Materials:



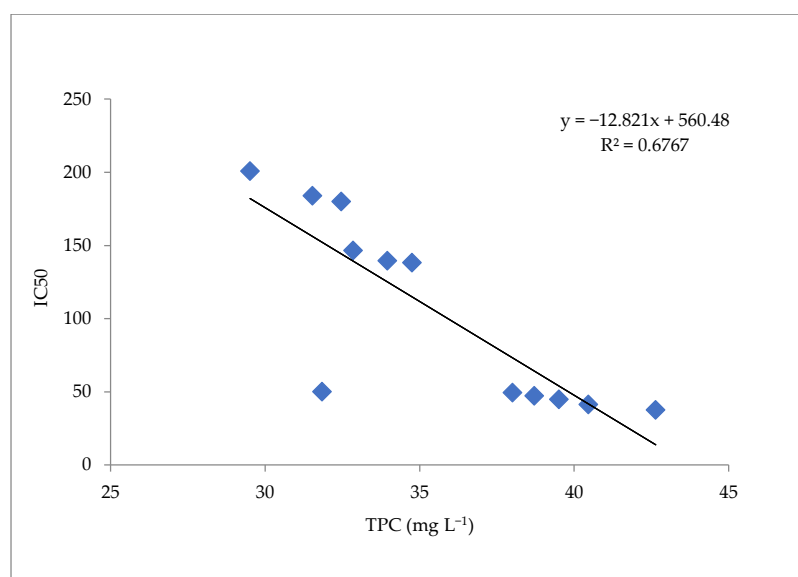


(d)

Supplementary Figure S1. Antioxidant activity of red fruit oil from six clones using the optimized condition of ultrasound-assisted extraction (UAE) and wet rendering (WR) method (a) IC₅₀ DPPH; (b) IC₅₀ Metal ion-chelating (FIC); (c) Reducing power (FRAP); and (d) IC₅₀ ABTS assays of six clones red fruit oil. Different letters above the bars indicate a significant difference ($p < 0.05$).



Supplementary Figure S2. The loading plot of PCA using variables of IC₅₀ values of DPPH, IC₅₀ values of metal ion-chelating (FIC), Reducing power (FRAP) value, IC₅₀ values of ABTS, and Total Phenolic Compounds (TPC).



Supplementary Figure S3. Correlation between total phenolic content (TPC) and IC₅₀ DPPH.

Supplementary Table S1. Pearson correlation among of TPC, IC₅₀ DPPH, IC₅₀ metal ion-chelating (FIC), reducing power (FRAP), and IC₅₀ ABTS.

Correlation among variables		Coefficient of correlation (<i>r</i> -value)			
		TPC	IC ₅₀ DPPH	IC ₅₀ FIC	FRAP
IC ₅₀ DPPH	Pearson Correlation	-0.823**			
	Sig. (two-tailed)	0.001			
IC ₅₀ FIC	Pearson Correlation	-0.534	0.705**		
	Sig. (two-tailed)	0.074	0.010		
FRAP	Pearson Correlation	0.959**	-0.871**	-0.606	
	Sig. (two-tailed)	0.000	0.000	0.037	
IC ₅₀ ABTS	Pearson Correlation	-0.905**	0.890**	0.702	-0.923**
	Sig. (two-tailed)	0.000	0.000	0.011	0.000

**Correlation is significant at the 0.01 level (two-tailed). The number in parentheses are *p*-values at significant level of 0.01