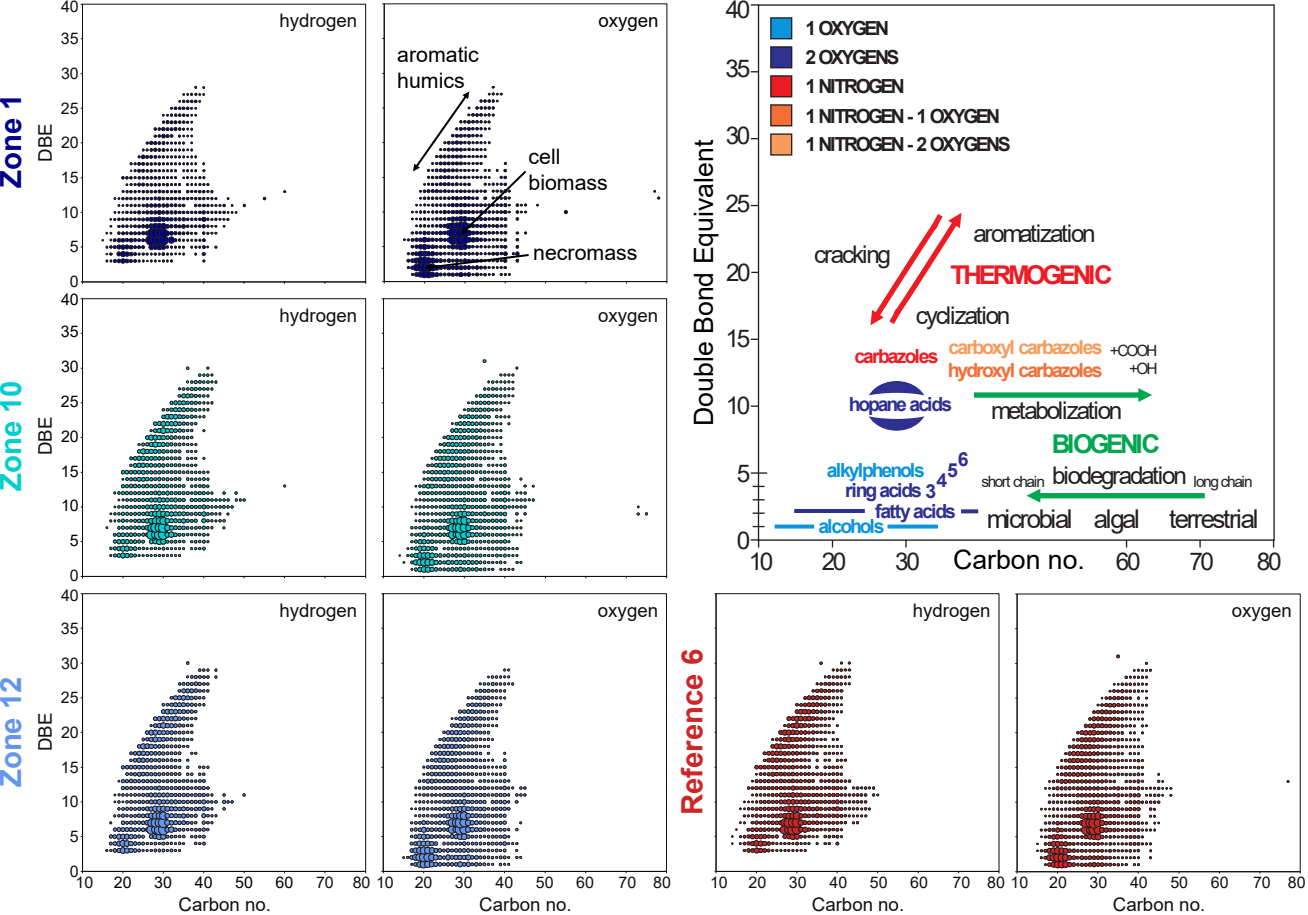
Zone 1
Zone 10
Zone 12
Reference 6
DBE
hydrogen
oxygen
aromatic
humics
cell
biomass
necromass
Carbon no.
Double Bond Equivalent
1 OXYGEN
2 OXYGENS
1 NITROGEN
1 NITROGEN - 1 OXYGEN
1 NITROGEN - 2 OXYGENS
cracking
aromatization
THERMOGENIC
cyclization
carbazoles
carboxyl carbazoles
+COOH
hydroxyl carbazoles
+OH
hopane acids
metabolization
BIOGENIC
alkylphenols
ring acids 3 4 5 6
short chain
biodegradation
long chain
fatty acids
alcohols
microbial
algal
terrestrial