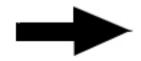
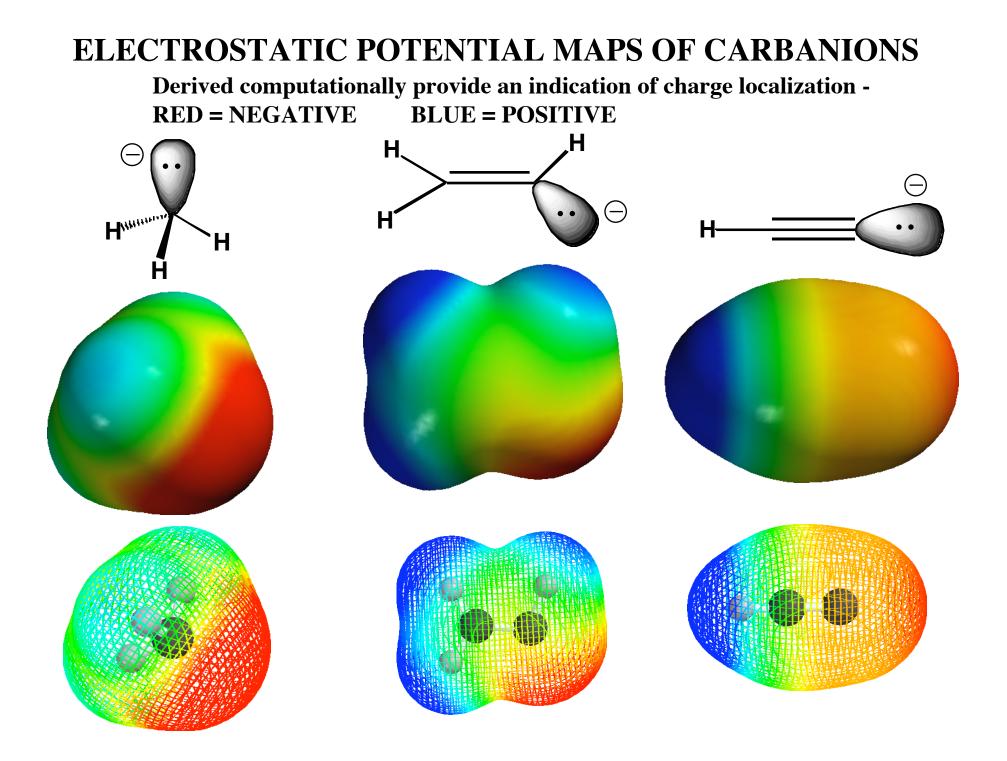
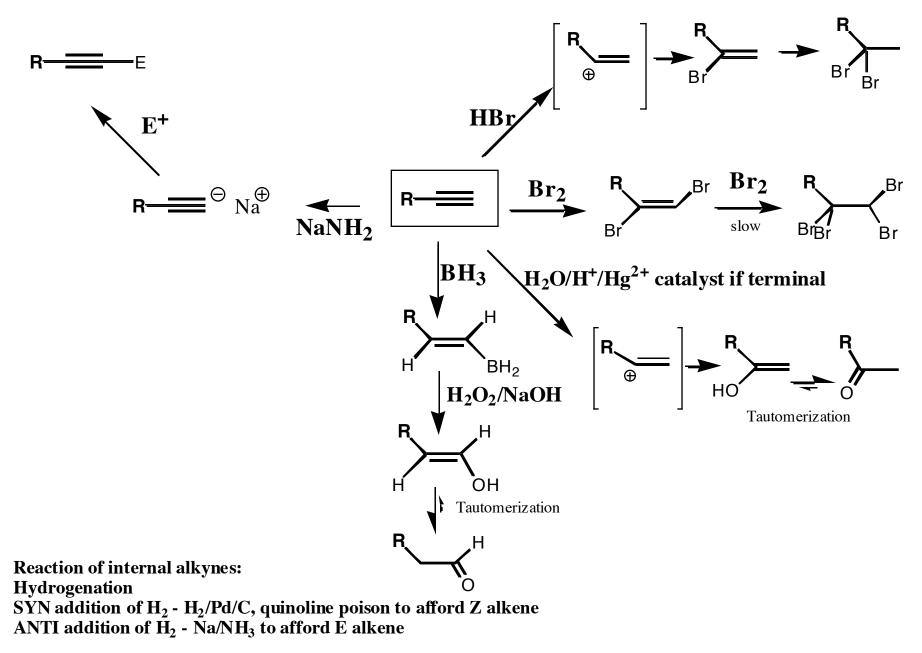
Acidity Table

Compound	Conjugate Base	Hybridization	s Character	p <i>K</i> _a	
Н Н Н—С—С—Н Н Н Н	H H C - C H H	sp ³	25%	50	Weakest acid
H H C=C H	H H C=C H	sp²	33%	44	
:NH ₃	:NH ₂	(ammonia)		35	
н−с≡с−н	H—C≡C 〔	sp	50%	25	
R – OH	$R - \ddot{O}$	(alcohols)		16-18	Stronger acid

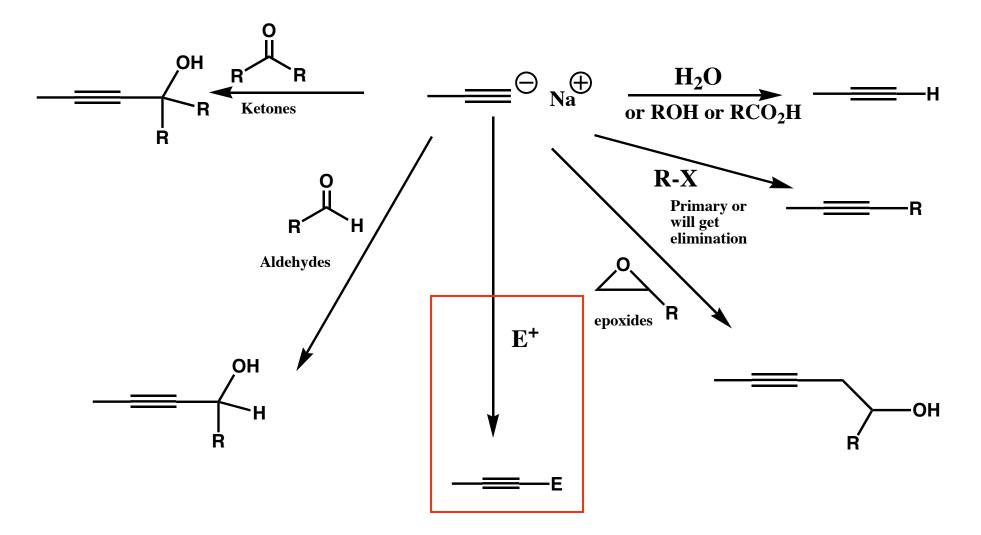




SUMMARY OF ALKYNE CHEMISTRY



REACTION OF ACETYLIDE ANIONS WITH ELECTROPHILES



RETROSYNTHETIC ANALYSIS

A process of reasoning backwards from a target molecule to a suitable set of starting materials

