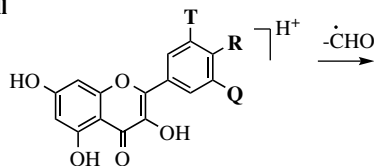
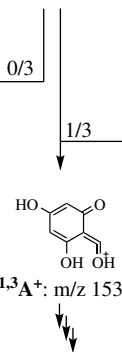



all



R=OH, Q=T=H:  $m/z$  287 (**11**)  
 R=Q=OH, T=H:  $m/z$  303 (**12**)  
 R=Q=T=OH:  $m/z$  319 (**13**)  
 R=OCH<sub>3</sub>, Q=T=H:  $m/z$  301 (**14**)  
 R=OH, Q=OCH<sub>3</sub>, T=H:  $m/z$  317 (**15**)

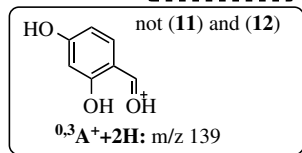


not (14) ↓



$1,3\text{B}^+ - 2\text{H}$

(11):  $m/z$  133  
(12):  $m/z$  149  
(13):  $m/z$  165  
(14): n/o  
(15):  $m/z$  163

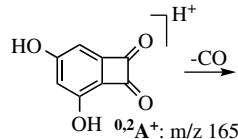



(11): m/z 258  
(12): m/z 274  
(13): m/z 290  
(14): m/z 272  
(15): m/z 288

(11): m/z 269  
(12): m/z 285  
(13): m/z 301  
(14): m/z 283  
(15): m/z 299

(11): m/z 259  
(12): m/z 275  
(13): m/z 291  
(14): m/z 273  
(15): n/o

(11): m/z 245  
(12): n/o  
(13): n/o  
(14): n/o  
(15): n/o




 (11):  $m/z$  121  
 (12):  $m/z$  137  
 (13):  $m/z$  153  
 (14):  $m/z$  135  
 (15):  $m/z$  151

$\xrightarrow{-\text{C}_2\text{H}_2\text{O}}$  (14):  $m/z$  213  
(15):  $m/z$  229

(11): m/z 241  
(12): m/z 257  
(13): m/z 273  
(14): m/z 255  
(15): m/z 271

(11): m/z 231  
(12): m/z 247  
(13): m/z 263  
(14): m/z 245  
(15): m/z 261

(11): m/z 203  
(12): m/z 219  
(13): m/z 235  
(14): m/z 217  
(15): n/o

 ${}^{0,2}\text{A}^+-\text{CO}: m/z\ 137$  $^{0,2}\text{B}^+\text{-CO}$ 

$\xrightarrow{-\text{CO}}$  (11): m/z 93  
 (12): m/z 109  
 (13): m/z 125  
 (14): m/z 107  
 (15): m/z 123