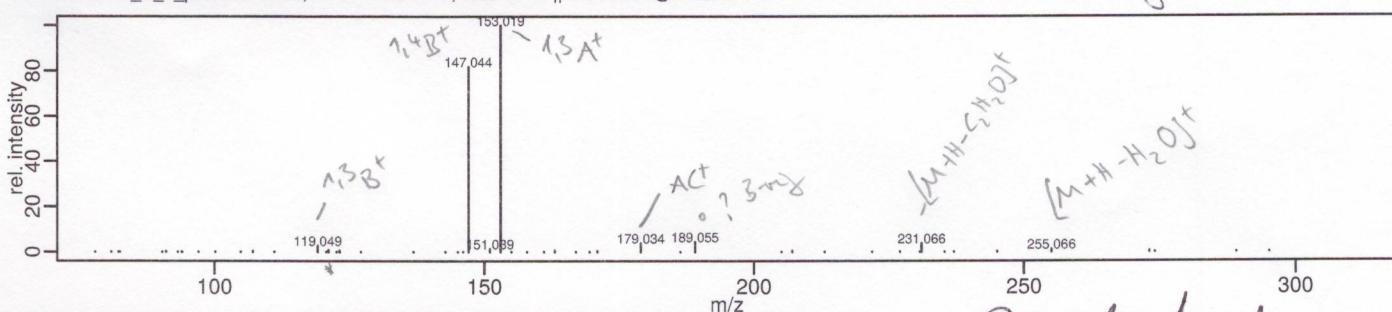


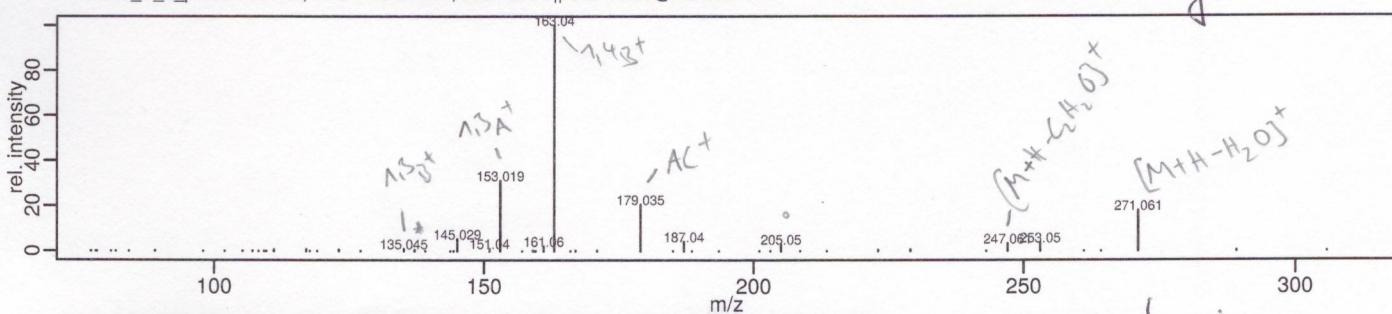
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_1\_pMS2.mzXML  
WEB346\_S\_1\_pMS2.mzXML, time = 13.83 min, scan 3474 || CID.45.eV@mz.273

Naphen



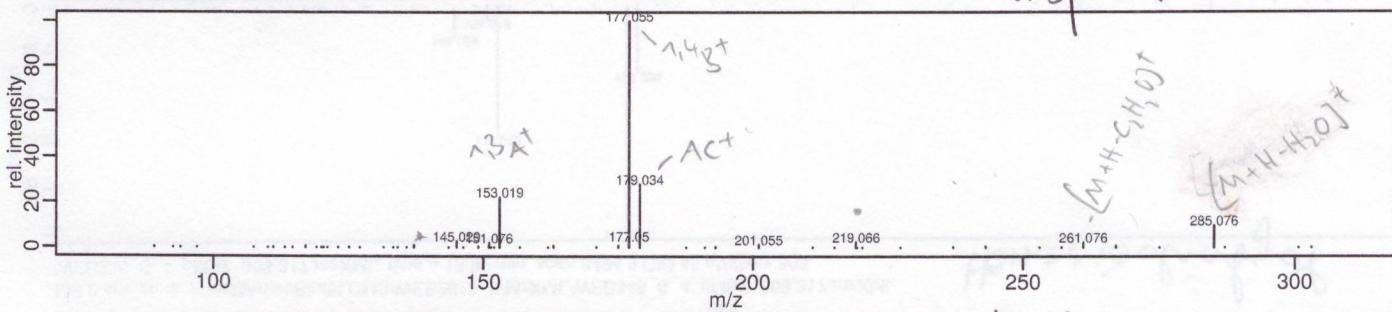
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_2\_pMS2.mzXML  
WEB346\_S\_2\_pMS2.mzXML, time = 13.21 min, scan 3314 || CID.45.eV@mz.289

Eisdichyel



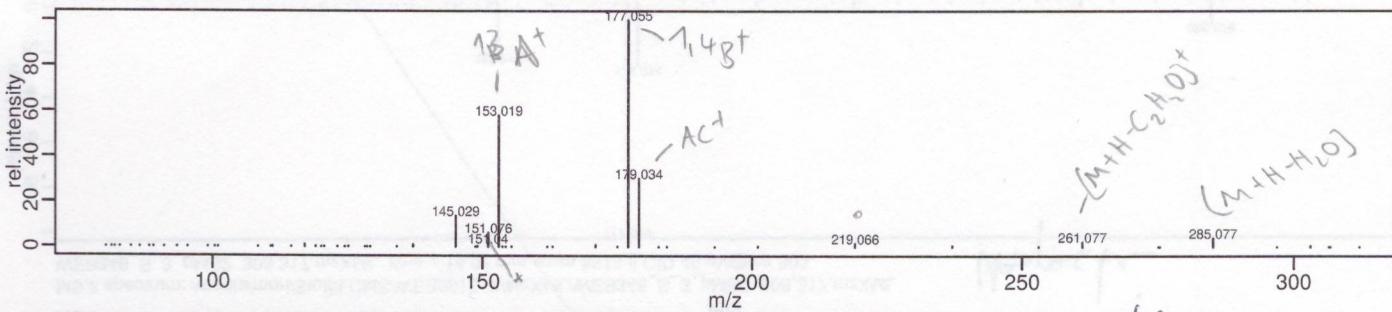
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_3\_pMS2\_303,317.mzXML  
WEB346\_S\_3\_pMS2\_303,317.mzXML, time = 14.01 min, scan 3518 || CID.45.eV@mz.303

Stopfen



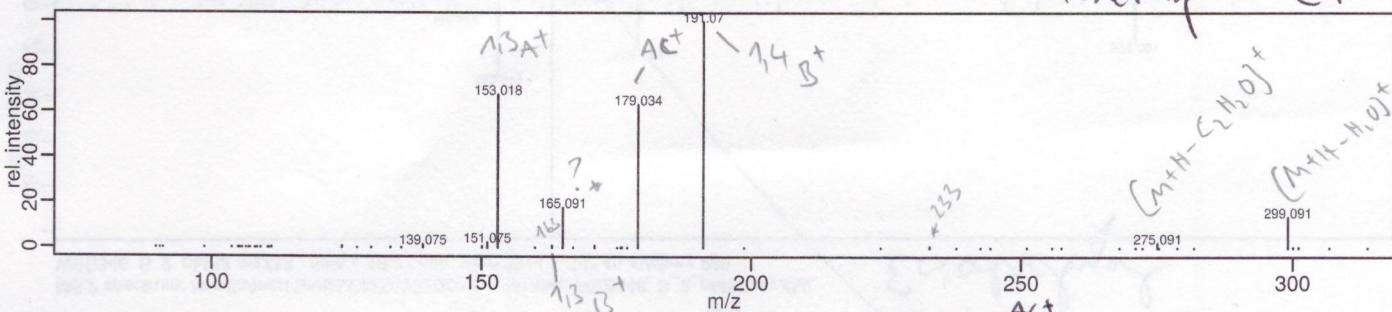
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_4\_pMS2\_303,317.mzXML  
WEB346\_S\_4\_pMS2\_303,317.mzXML, time = 13.92 min, scan 3494 || CID.45.eV@mz.303

HED



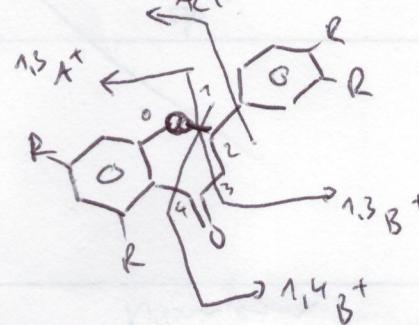
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_E\_3\_pMS2,HCD\_317,303.mzXML  
WEB346\_E\_3\_pMS2,HCD\_317,303.mzXML, time = 14.54 min, scan 3643 || CID.45.eV@mz.317

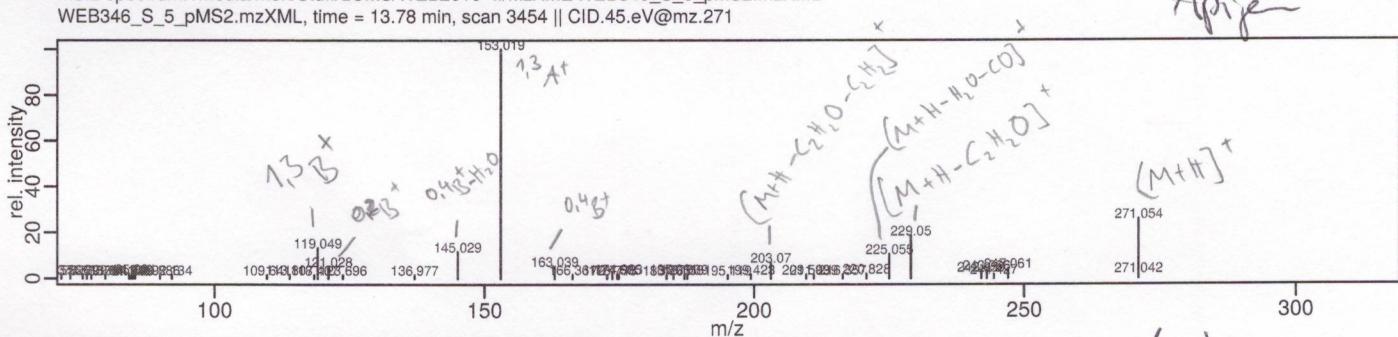
Dimethyl - ED



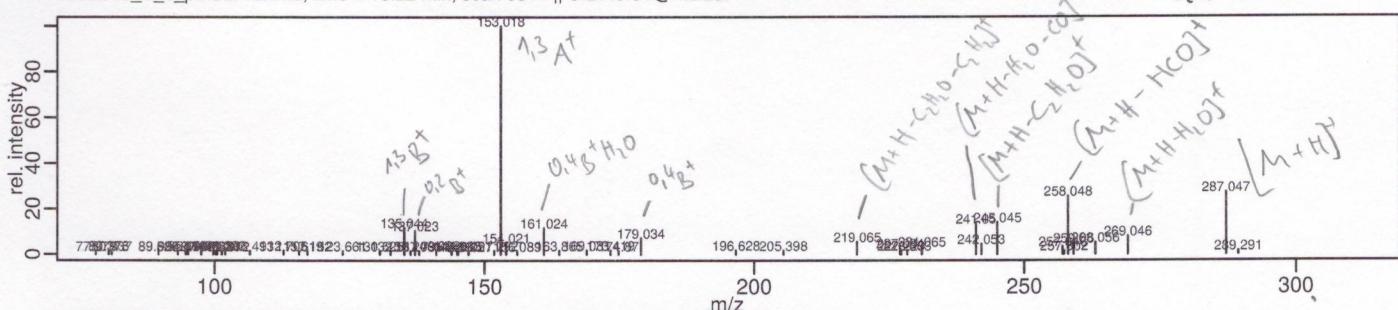
M-DE-152

X

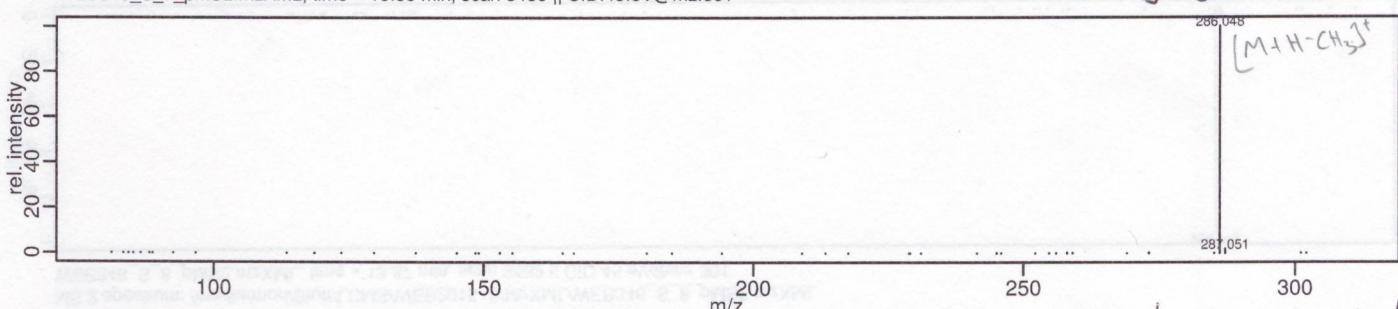




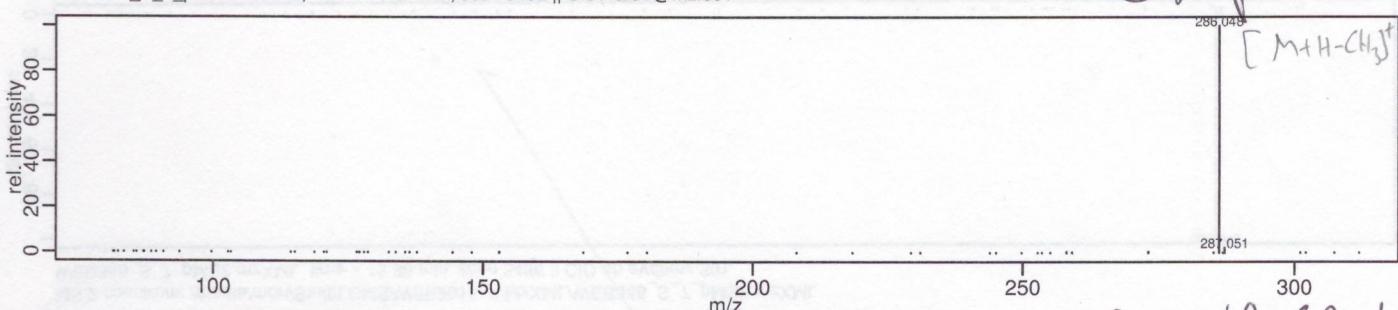
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_6\_pMS2.mzXML  
WEB346\_S\_6\_pMS2.mzXML, time = 13.22 min, scan 3314 || CID.45.eV@mz.287



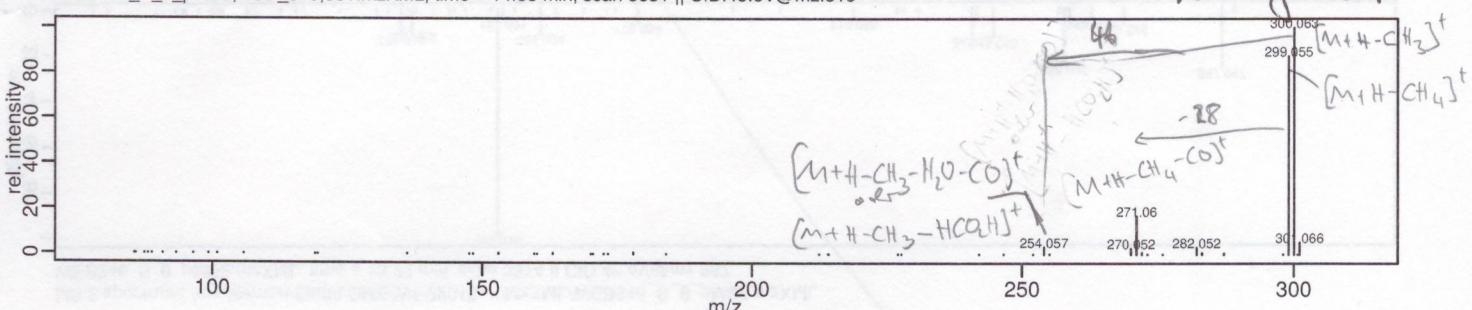
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_7\_pMS2.mzXML  
WEB346\_S\_7\_pMS2.mzXML, time = 13.88 min, scan 3486 || CID,45.eV@mz.301



MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_8\_pMS2.mzXML  
WEB346\_S\_8\_pMS2.mzXML, time = 13.87 min, scan 3482 || CID.45.eV@mz.301

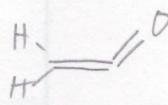


MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_E\_7\_pMS2,HCD\_315,301.mzXML  
WEB346\_E\_7\_pMS2,HCD\_315,301.mzXML, time = 14.53 min, scan 3631 || CID,45.eV@m/z,315



28

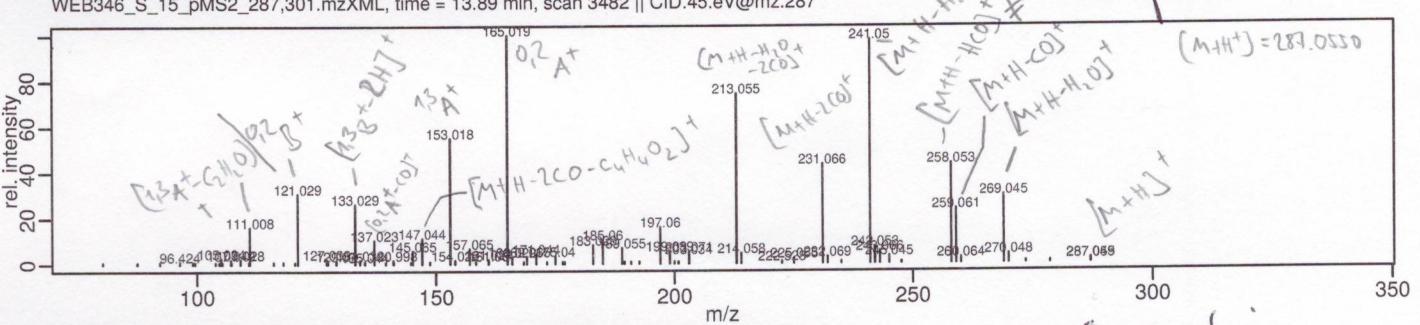
141



g<sub>4</sub>

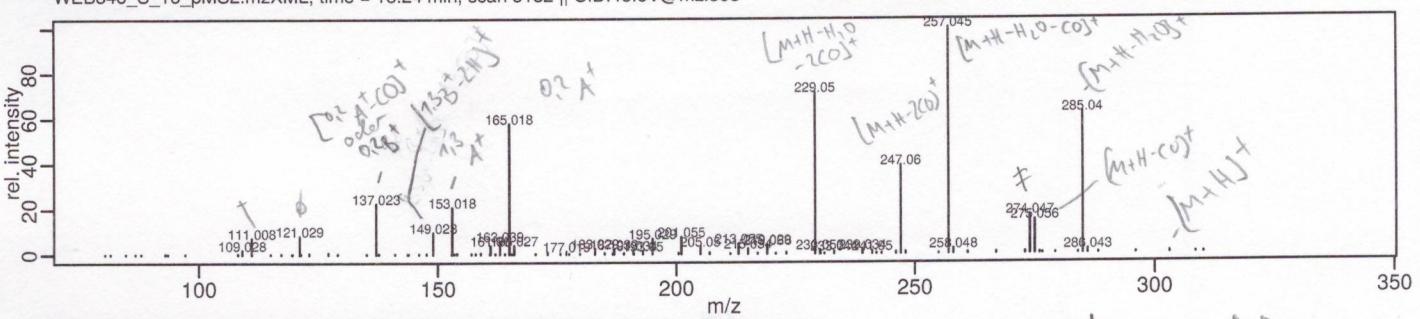
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_15\_pMS2\_287,301.mzXML  
WEB346\_S\_15\_pMS2\_287,301.mzXML, time = 13.89 min, scan 3482 || CID.45.eV@mz.287

Kaempferol



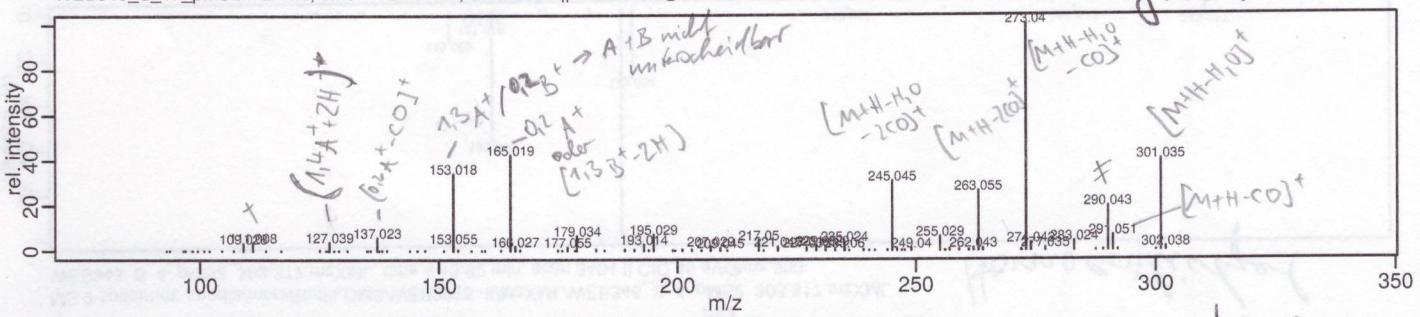
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_16\_pMS2.mzXML  
WEB346\_S\_16\_pMS2.mzXML, time = 13.24 min, scan 3182 || CID.45.eV@mz.303

Quercetin



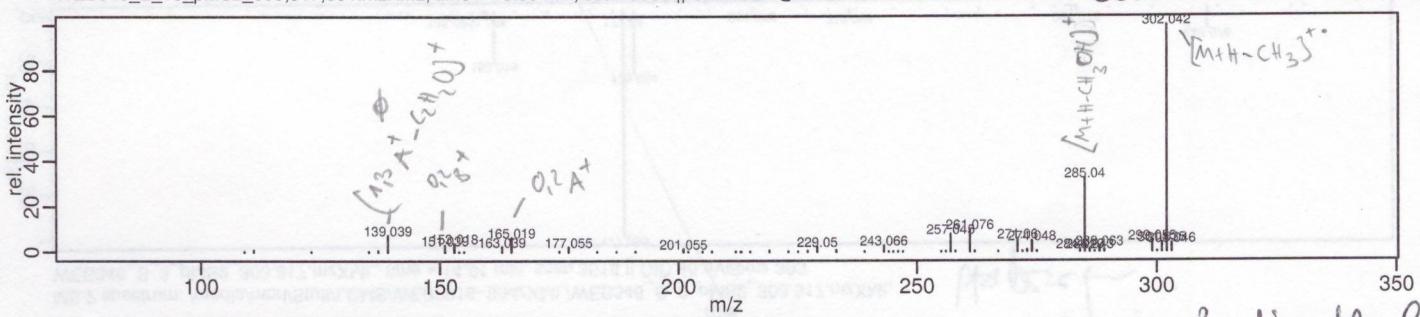
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_17\_pMS2.mzXML  
WEB346\_S\_17\_pMS2.mzXML, time = 12.49 min, scan 2930 || CID.45.eV@mz.319

Myricetin



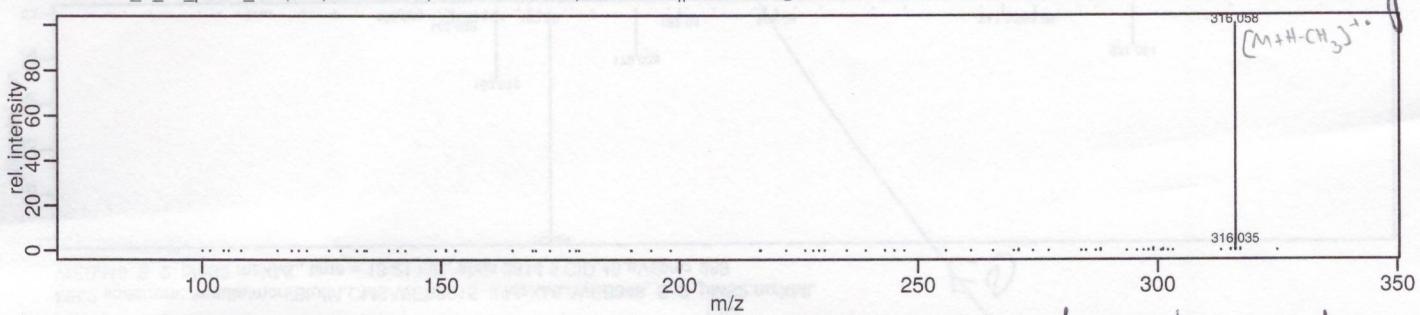
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_E\_16\_pMS2\_303,317,331.mzXML  
WEB346\_E\_16\_pMS2\_303,317,331.mzXML, time = 13.99 min, scan 3363 || CID.45.eV@mz.317

Quercetin- $\beta$ -monomethyl



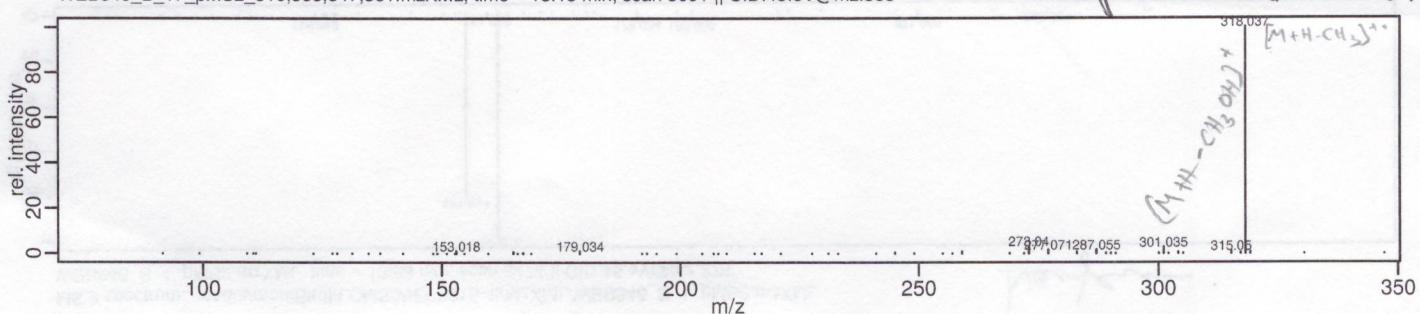
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_B\_16\_pMS2\_303,317,331.mzXML  
WEB346\_B\_16\_pMS2\_303,317,331.mzXML, time = 14.17 min, scan 3413 || CID.45.eV@mz.331

Querc.- $\beta$ -dimethyl

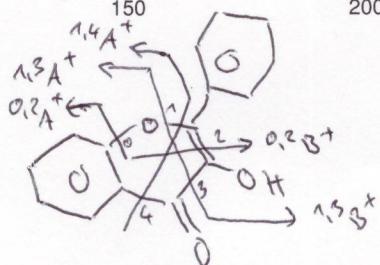
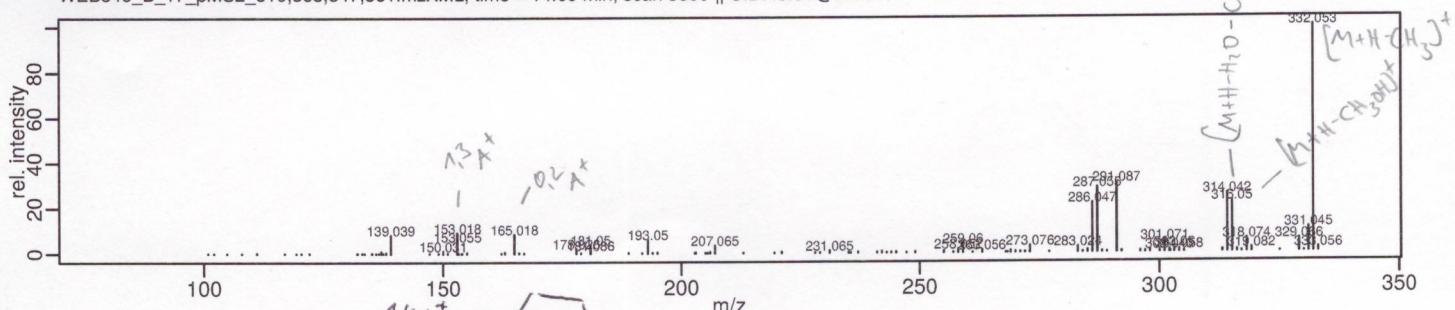


MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_B\_17\_pMS2\_319,333,347,361.mzXML  
WEB346\_B\_17\_pMS2\_319,333,347,361.mzXML, time = 13.18 min, scan 3091 || CID.45.eV@mz.333

Hypotetra- $\beta$ -monomethyl

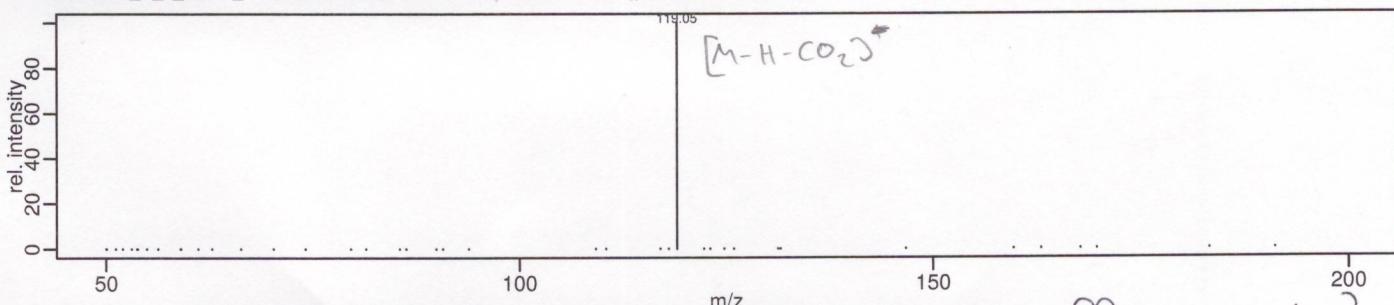


Hypoxic  $\beta$ -Dimethyl



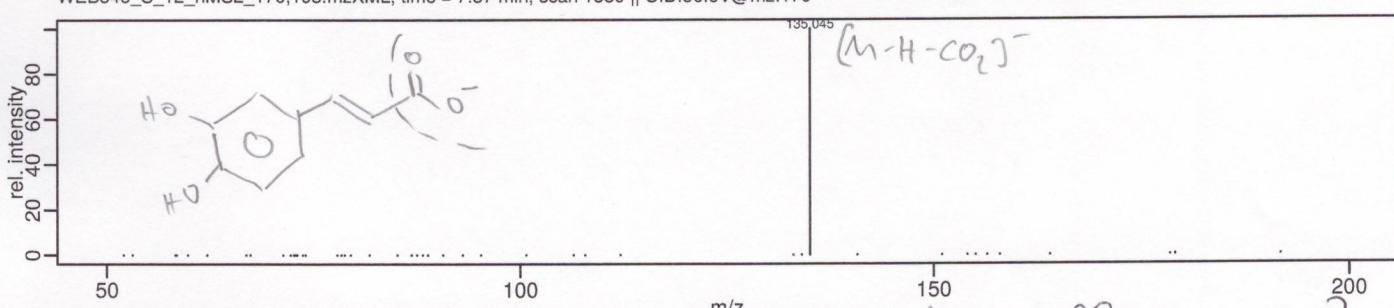
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_9\_nMS2\_163,177.mzXML  
WEB346\_S\_9\_nMS2\_163,177.mzXML, time = 11.17 min, scan 2852 || CID.30.eV@mz.163

p-coumaric acid



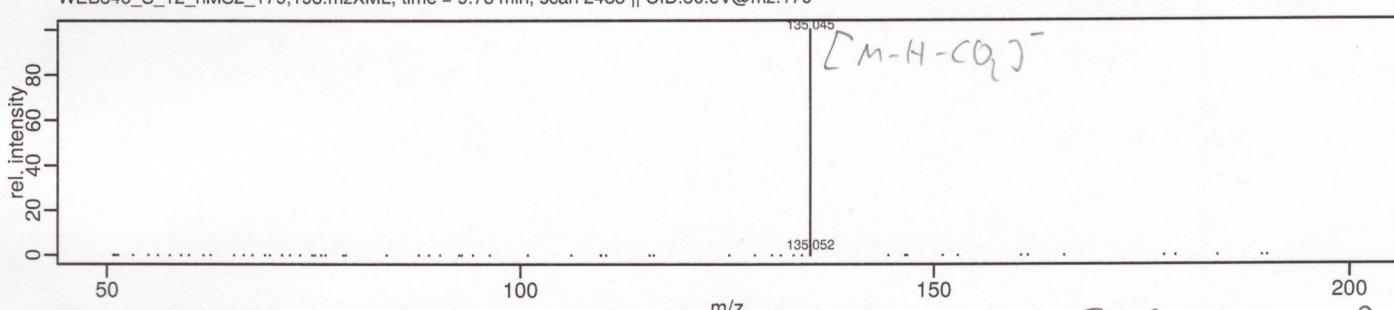
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_12\_nMS2\_179,193.mzXML  
WEB346\_S\_12\_nMS2\_179,193.mzXML, time = 7.37 min, scan 1880 || CID.30.eV@mz.179

cis - caffeic acid?



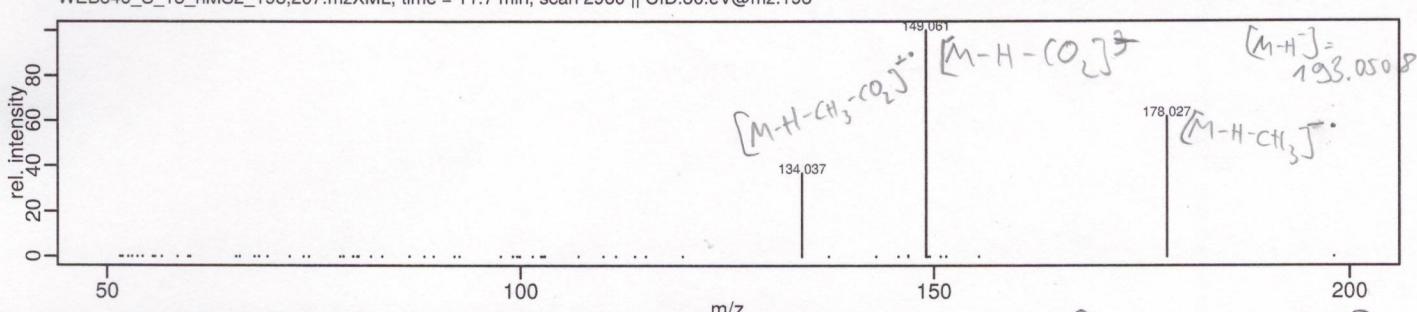
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_12\_nMS2\_179,193.mzXML  
WEB346\_S\_12\_nMS2\_179,193.mzXML, time = 9.73 min, scan 2483 || CID.30.eV@mz.179

trans-caffic acid?



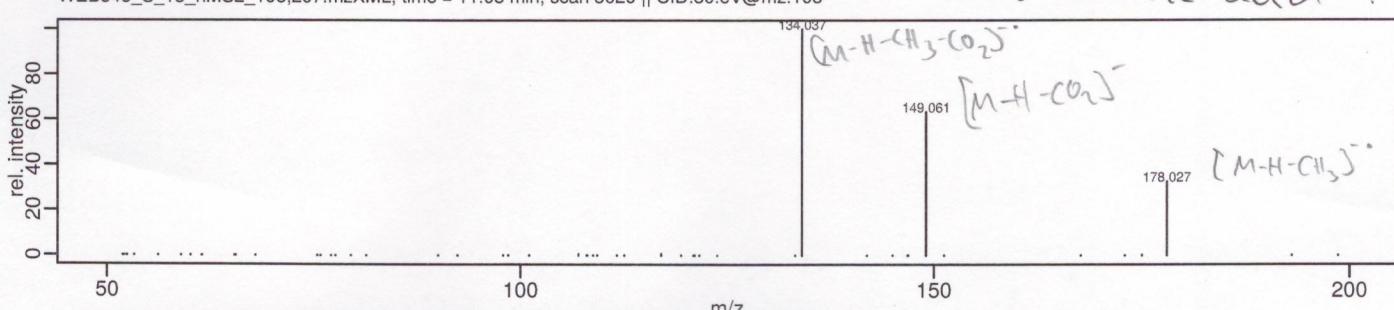
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_13\_nMS2\_193,207.mzXML  
WEB346\_S\_13\_nMS2\_193,207.mzXML, time = 11.7 min, scan 2960 || CID.30.eV@mz.193

cis - ferulic acid?



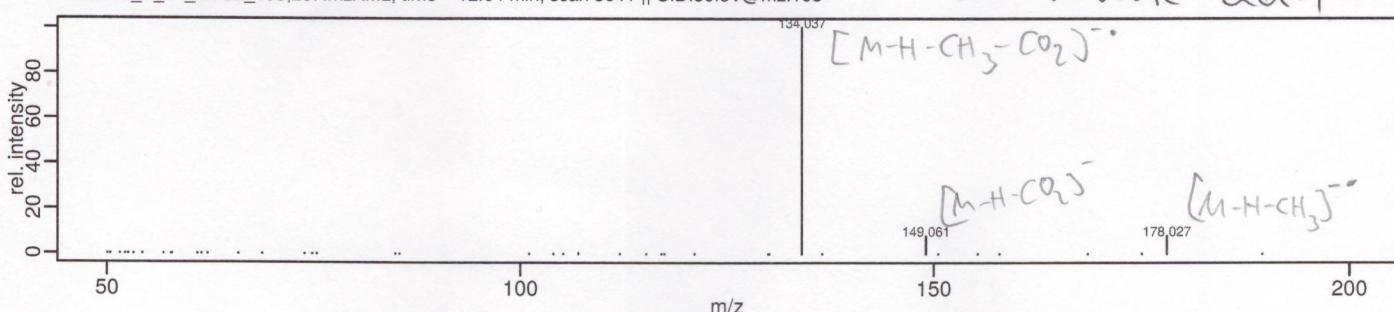
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_13\_nMS2\_193,207.mzXML  
WEB346\_S\_13\_nMS2\_193,207.mzXML, time = 11.98 min, scan 3029 || CID.30.eV@mz.193

trans - ferulic acid?



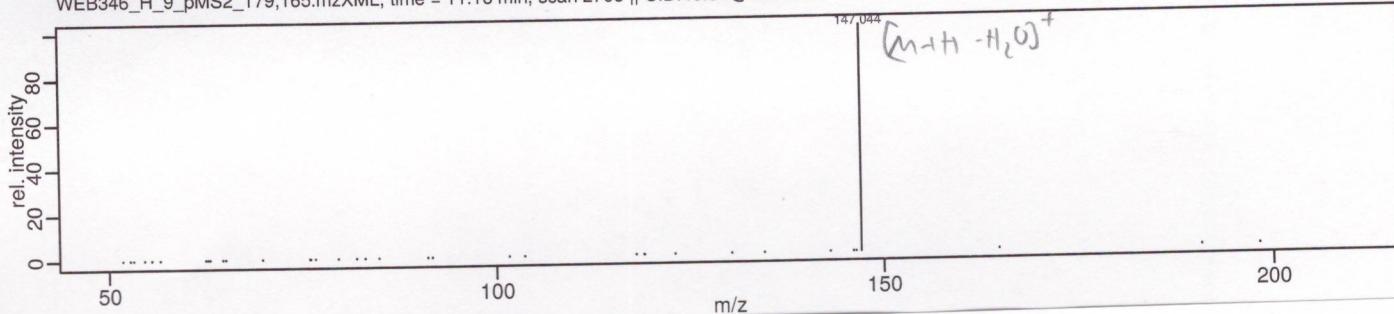
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_S\_14\_nMS2\_193,207.mzXML  
WEB346\_S\_14\_nMS2\_193,207.mzXML, time = 12.04 min, scan 3041 || CID.30.eV@mz.193

iso - ferulic acid



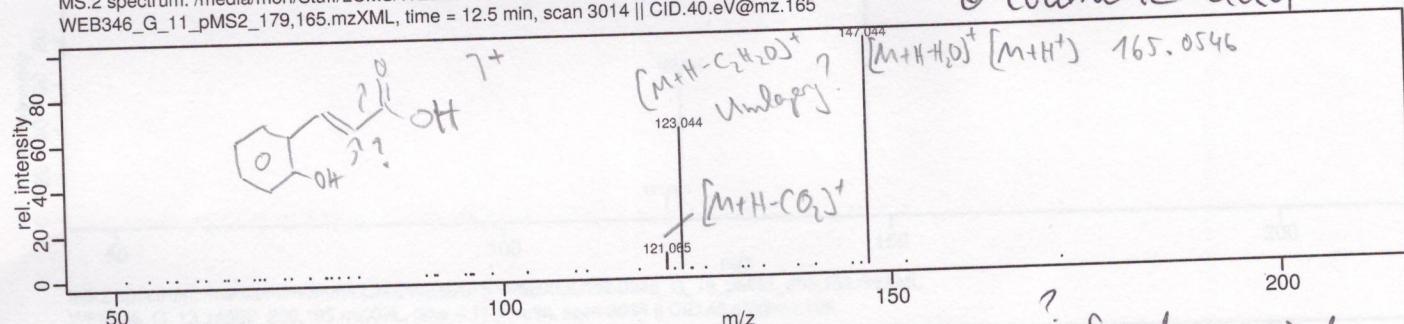
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_H\_9\_pMS2\_179,165.mzXML  
WEB346\_H\_9\_pMS2\_179,165.mzXML, time = 11.16 min, scan 2706 || CID.40.eV@mz.165

p-coumaric acid



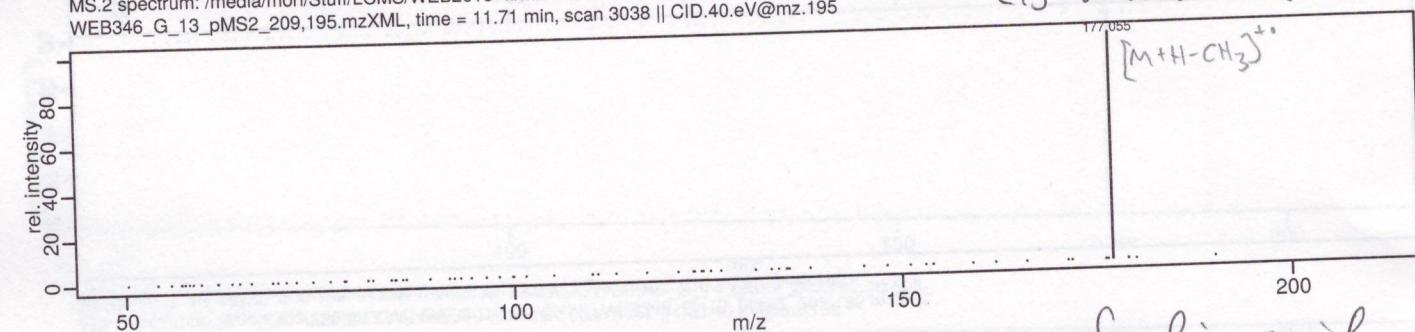
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_G\_11\_pMS2\_179,165.mzXML  
WEB346\_G\_11\_pMS2\_179,165.mzXML, time = 12.5 min, scan 3014 || CID.40.eV@mz.165

o-coumaric acid



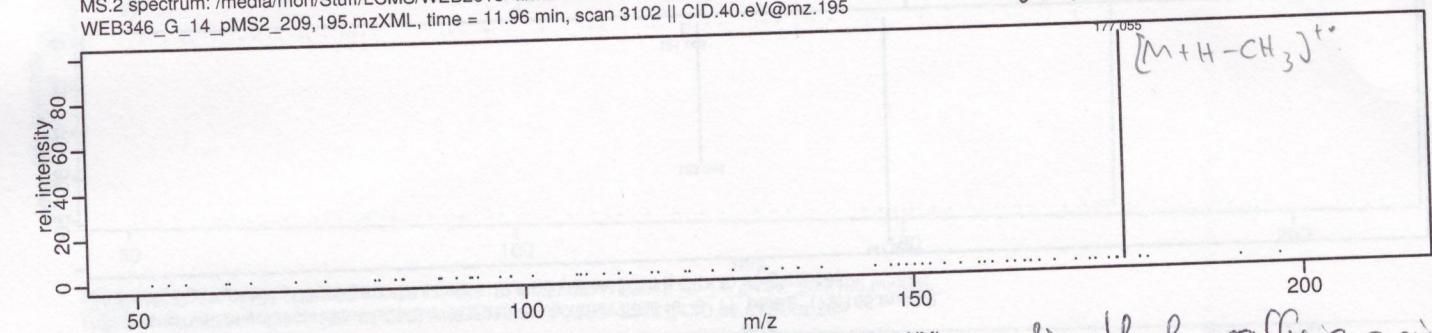
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_G\_13\_pMS2\_209,195.mzXML  
WEB346\_G\_13\_pMS2\_209,195.mzXML, time = 11.71 min, scan 3038 || CID.40.eV@mz.195

cis-ferulic acid



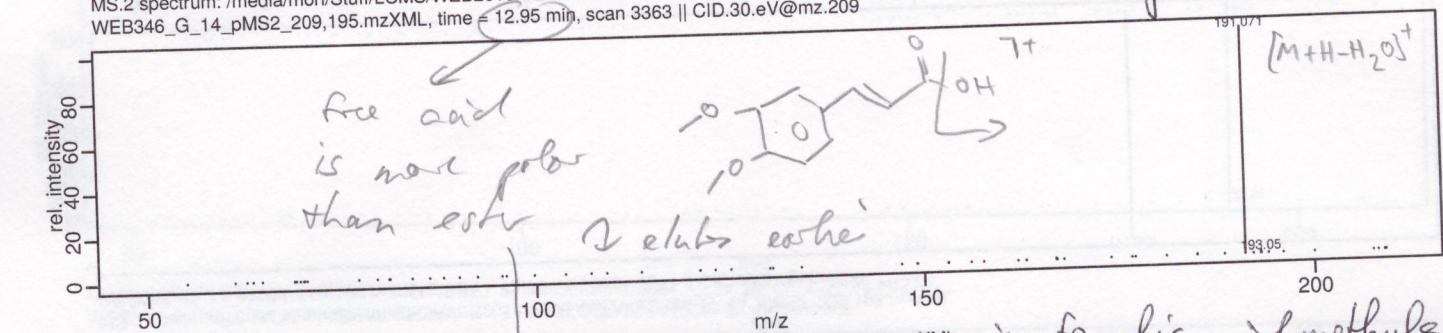
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_G\_14\_pMS2\_209,195.mzXML  
WEB346\_G\_14\_pMS2\_209,195.mzXML, time = 11.96 min, scan 3102 || CID.40.eV@mz.195

iso-ferulic acid



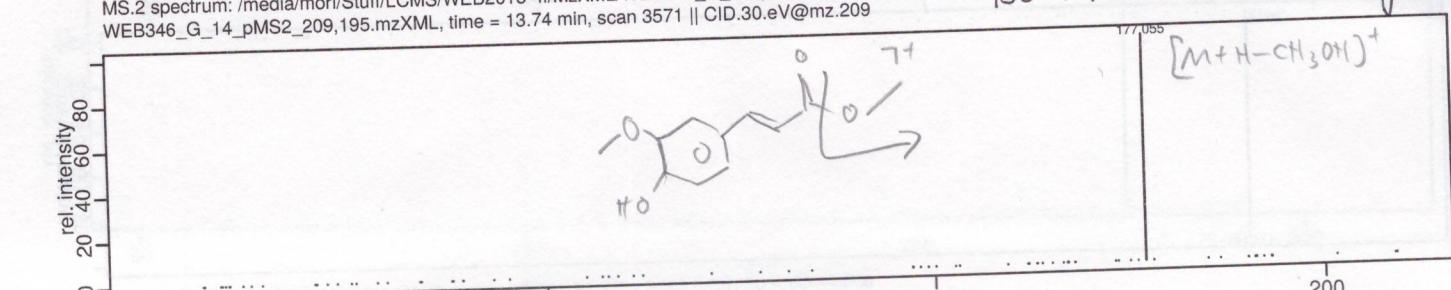
MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_G\_14\_pMS2\_209,195.mzXML  
WEB346\_G\_14\_pMS2\_209,195.mzXML, time = 12.95 min, scan 3363 || CID.30.eV@mz.209

dimethyl- $\alpha$ -cinnamic acid

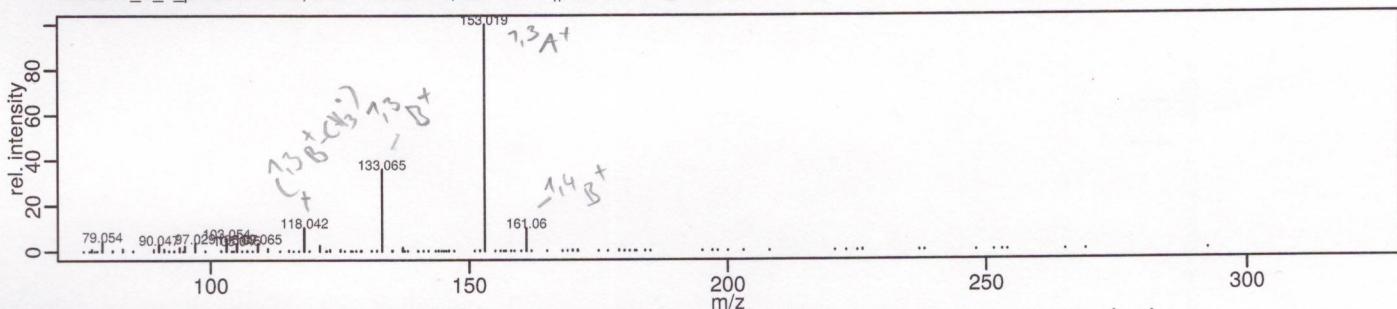


MS.2 spectrum: /media/mori/Stuff/LCMS/WEB2015-II/MzXML/WEB346\_G\_14\_pMS2\_209,195.mzXML  
WEB346\_G\_14\_pMS2\_209,195.mzXML, time = 13.74 min, scan 3571 || CID.30.eV@mz.209

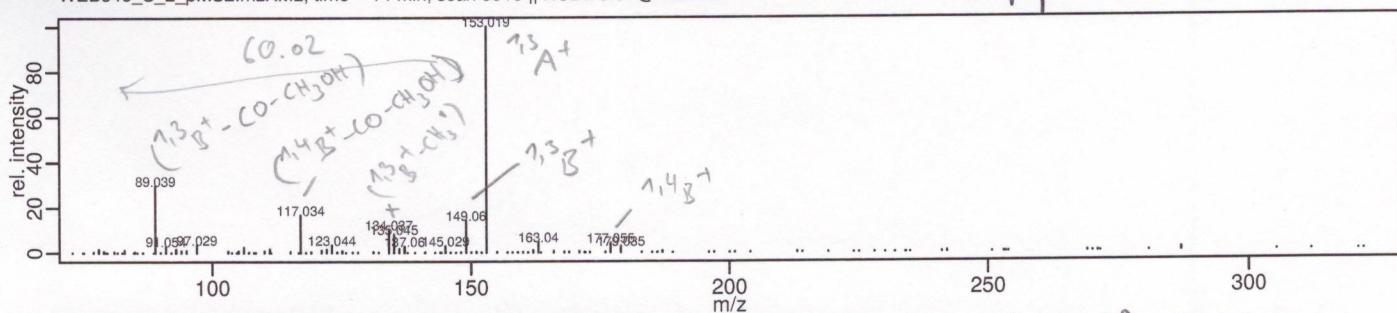
iso-ferulic acid methyl ester



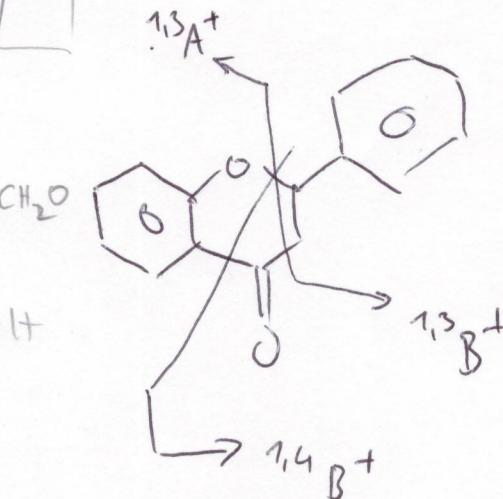
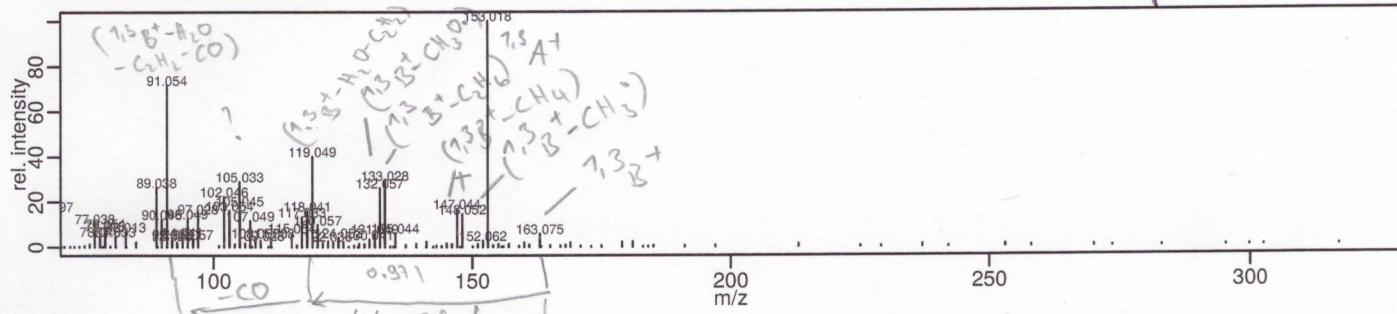
Poncireki



Hoppereki

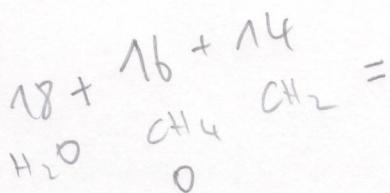


Dime Phyl - ED



58.042

30.047

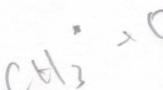
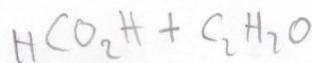


31.018

30.047

hypothetical

$$101.0696 - 105 = 86.0366$$



$\text{CH}_3\dot{\cdot}$  methyl radical

$^{14}\text{B}^+$  (Dinit)