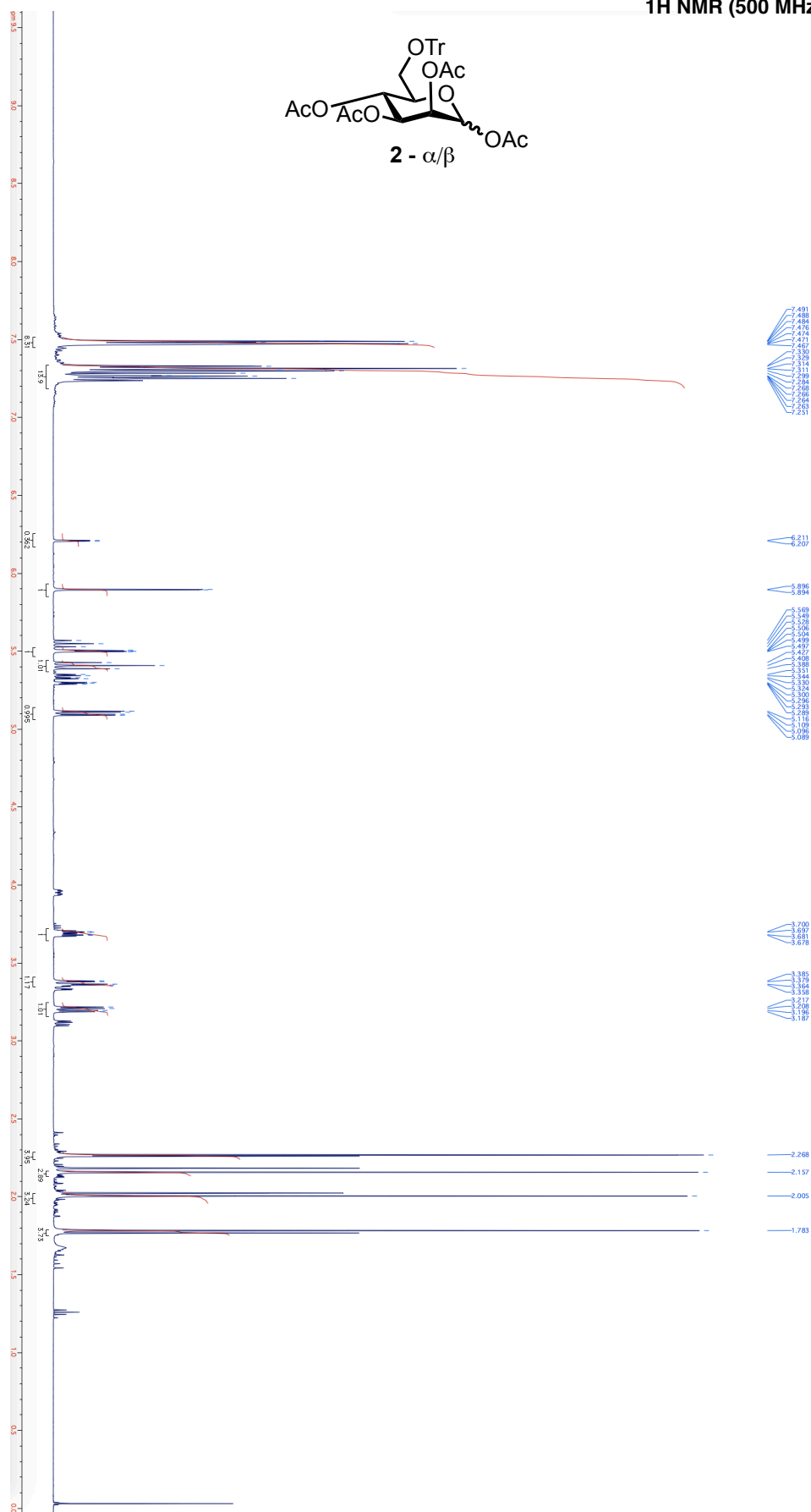
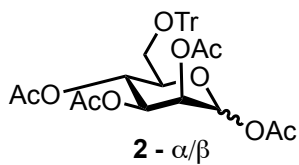


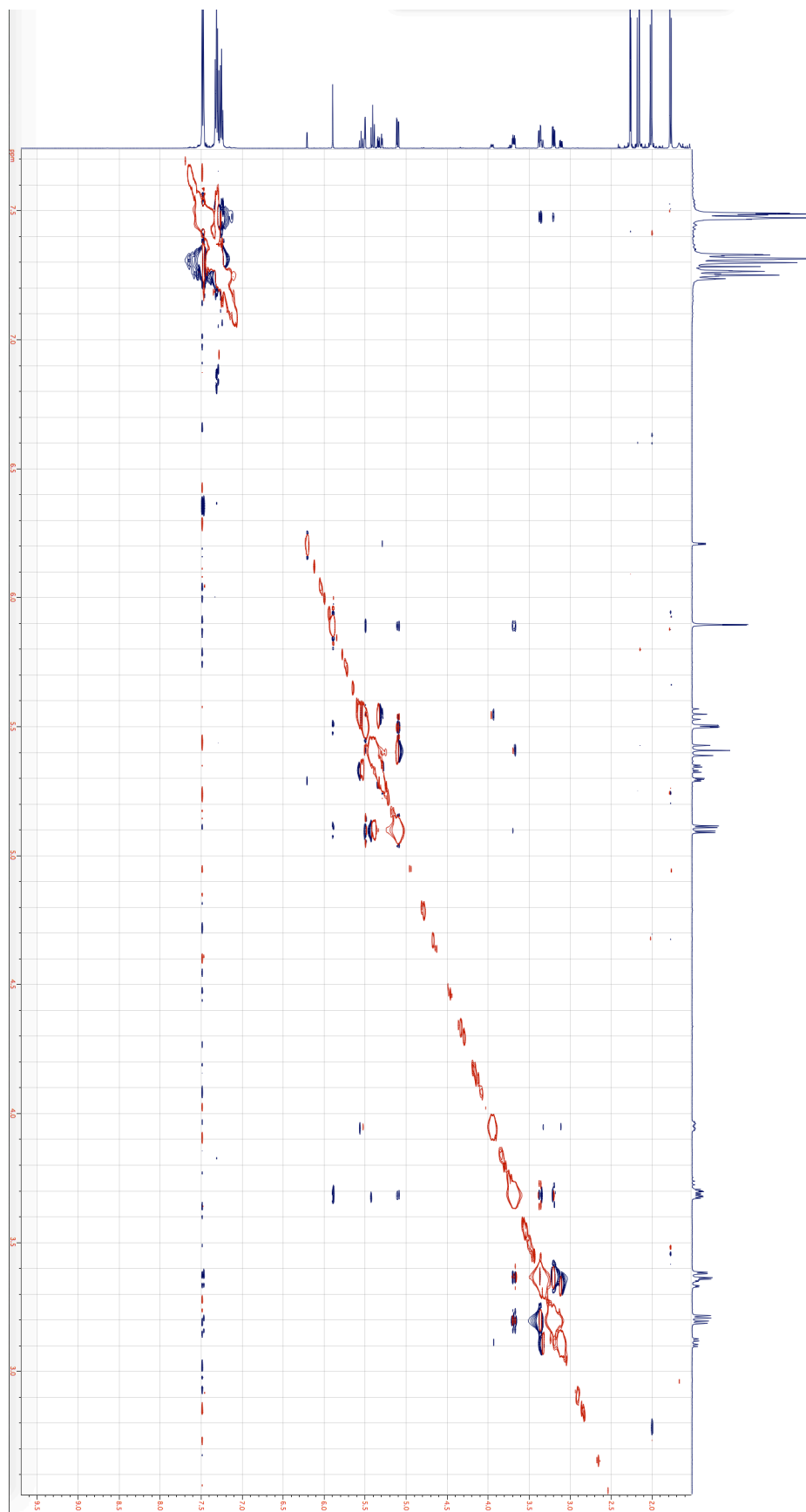
1,2,3,4-tetra-O-acetyl-6-O-triphenylmethyl- β -D-mannopyranose (2)

1H NMR (500 MHz, CDCl₃)



1,2,3,4-tetra-O-acetyl-6-O-triphenylmethyl- β -D-mannopyranose (2)

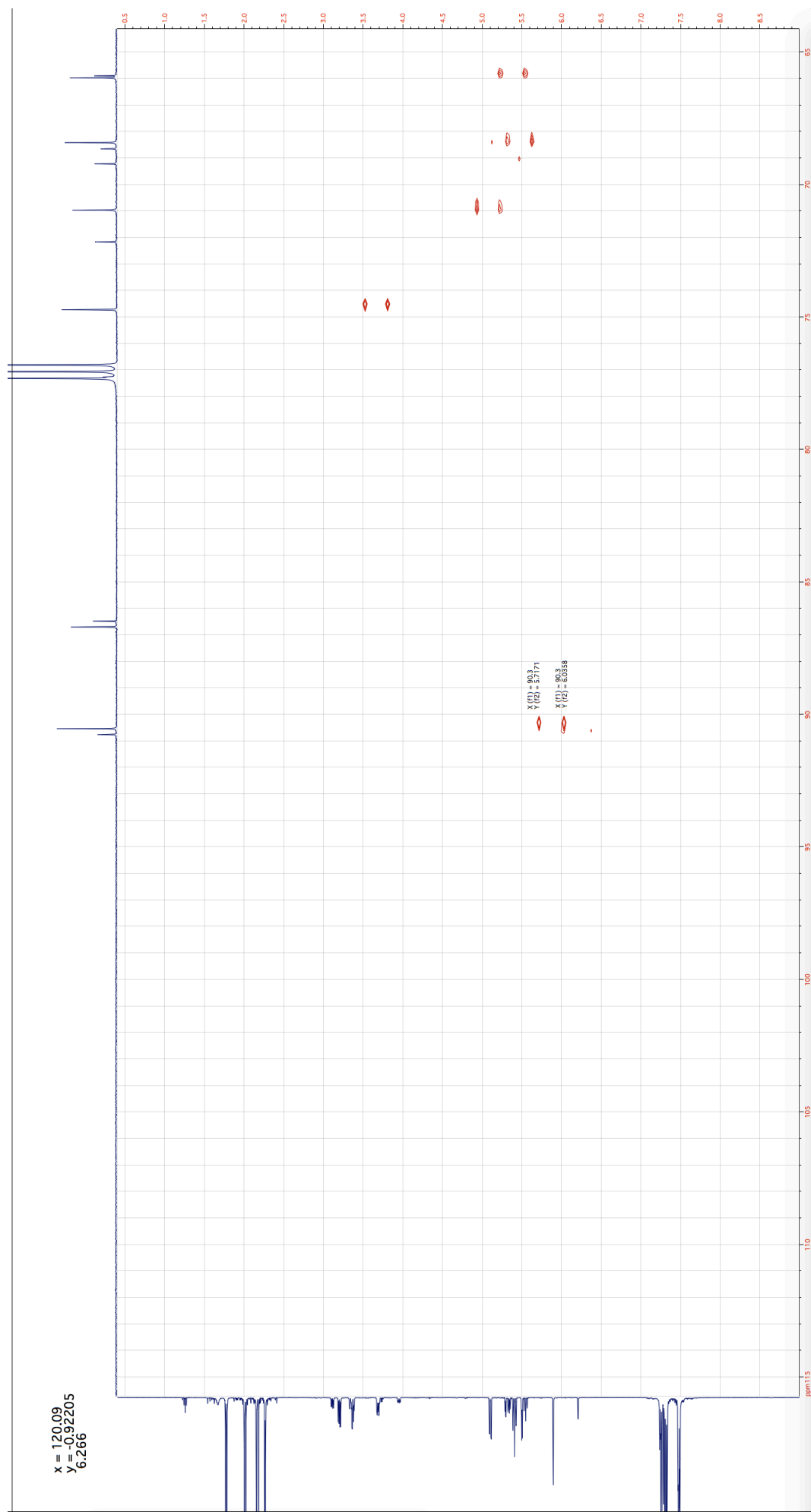
NOESY (500 MHz, CDCl₃)



Text

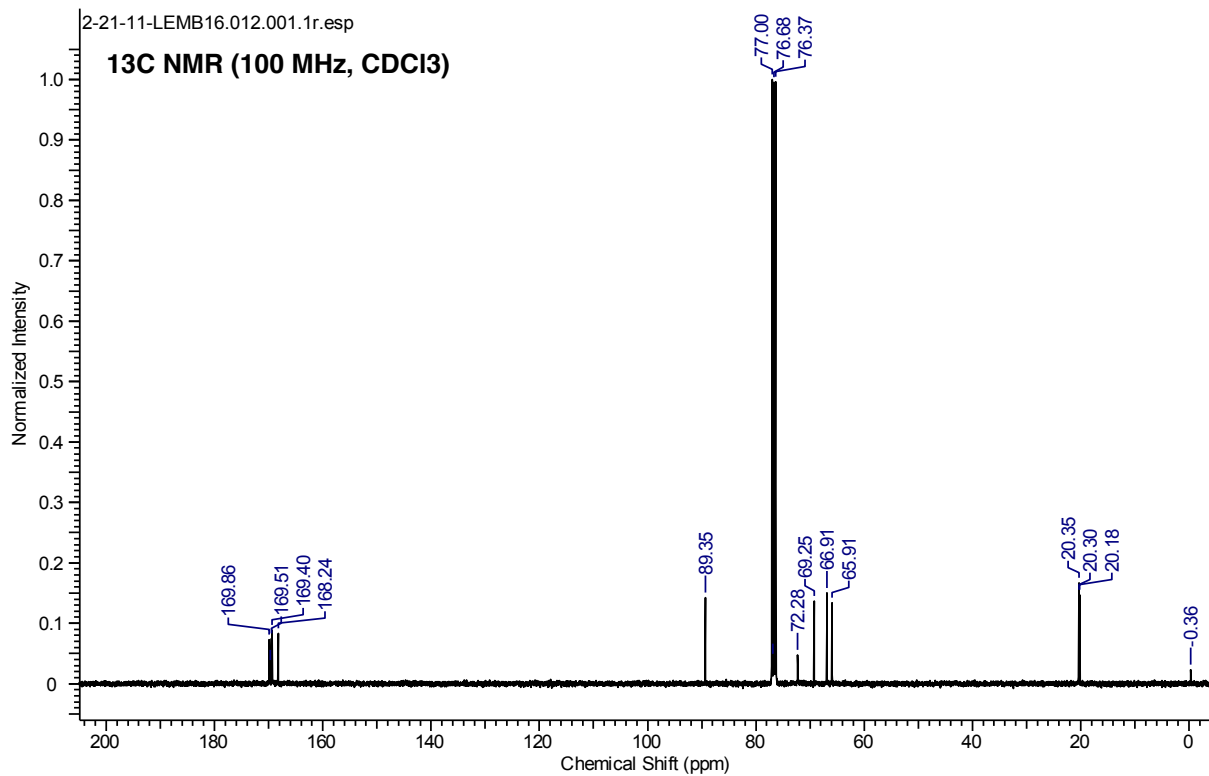
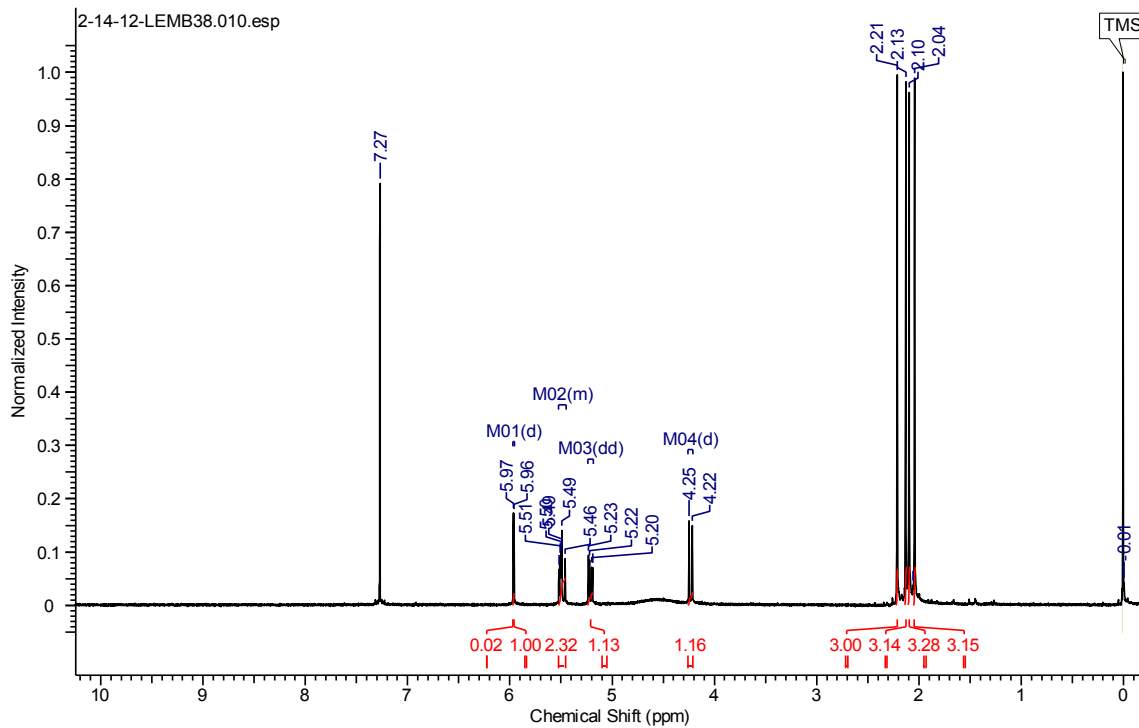
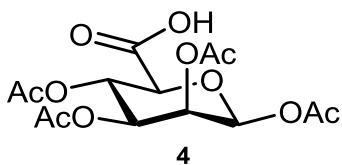
1,2,3,4-tetra-O-acetyl-6-O-triphenylmethyl-β-D-mannopyranose (2)

¹H/¹³C coupled HSQC (500 MHz, CDCl₃)

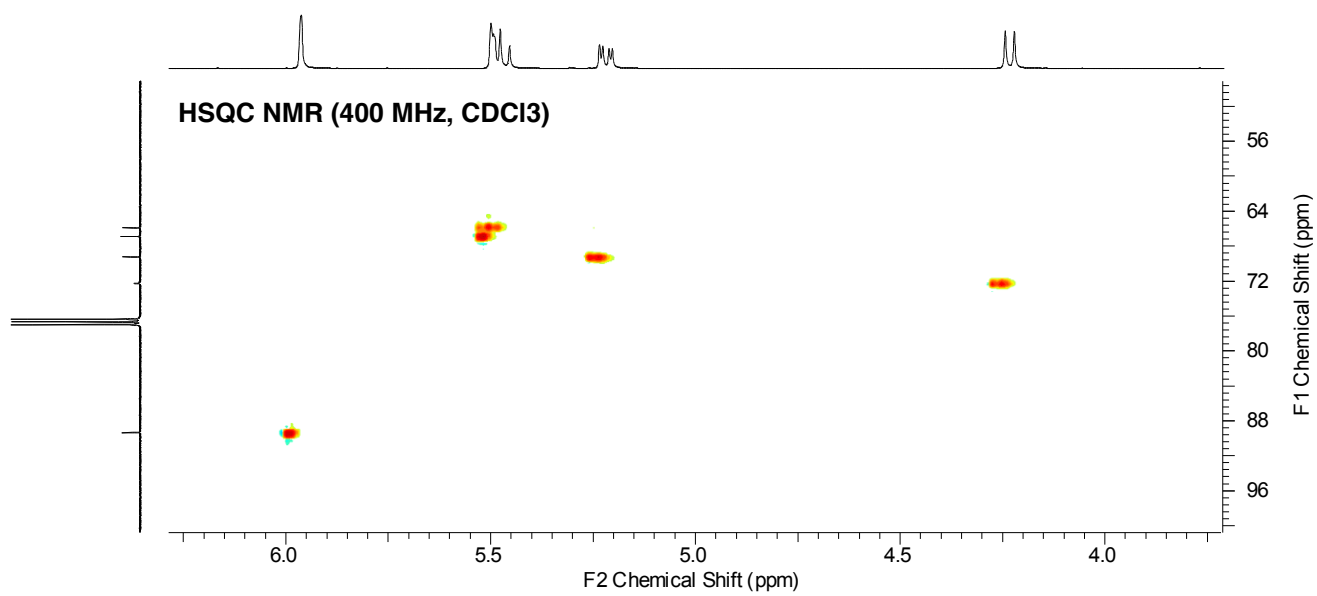
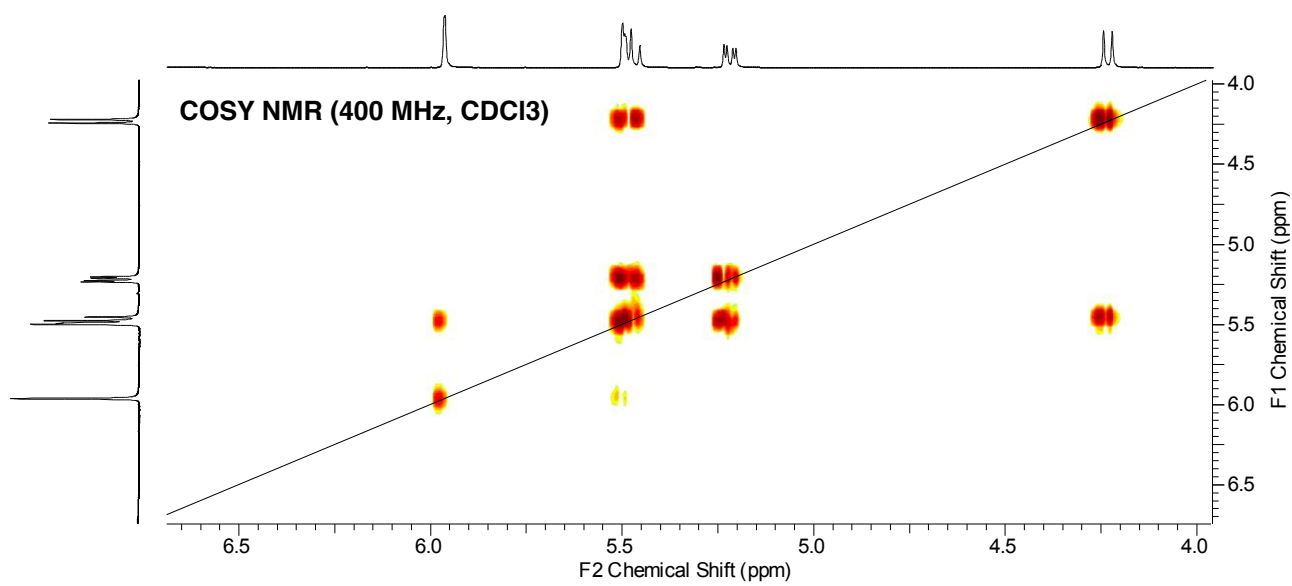


1,2,3,4-tetra-*O*-acetyl- β -D-mannuronic acid **4**

¹H NMR (400 MHz, CDCl₃)

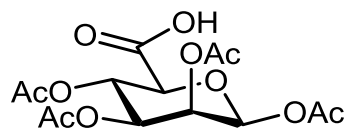


1,2,3,4-tetra-*O*-acetyl- β -D-mannuronic acid **4**



1,2,3,4-tetra-*O*-acetyl- β -D-mannuronic acid **4**

HRMS

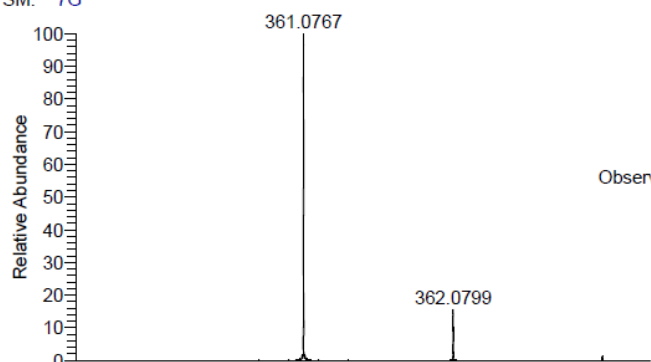


4
[M-H]⁻: C₁₄H₁₇O₁₁, 361.0776

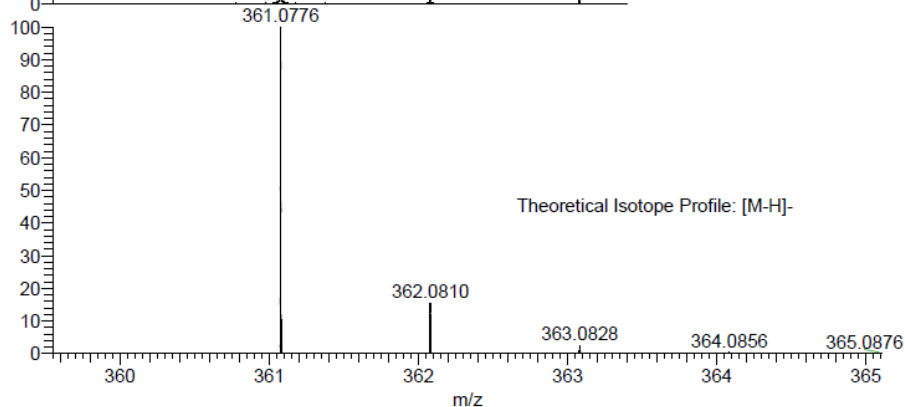
KEEMIL
(MeOH)/MeOH + DEA
SM: 7G

EPSRC UK National MS Facility
LTQ Orbitrap XL

C14H18O11
05/12/2016 16:05:28

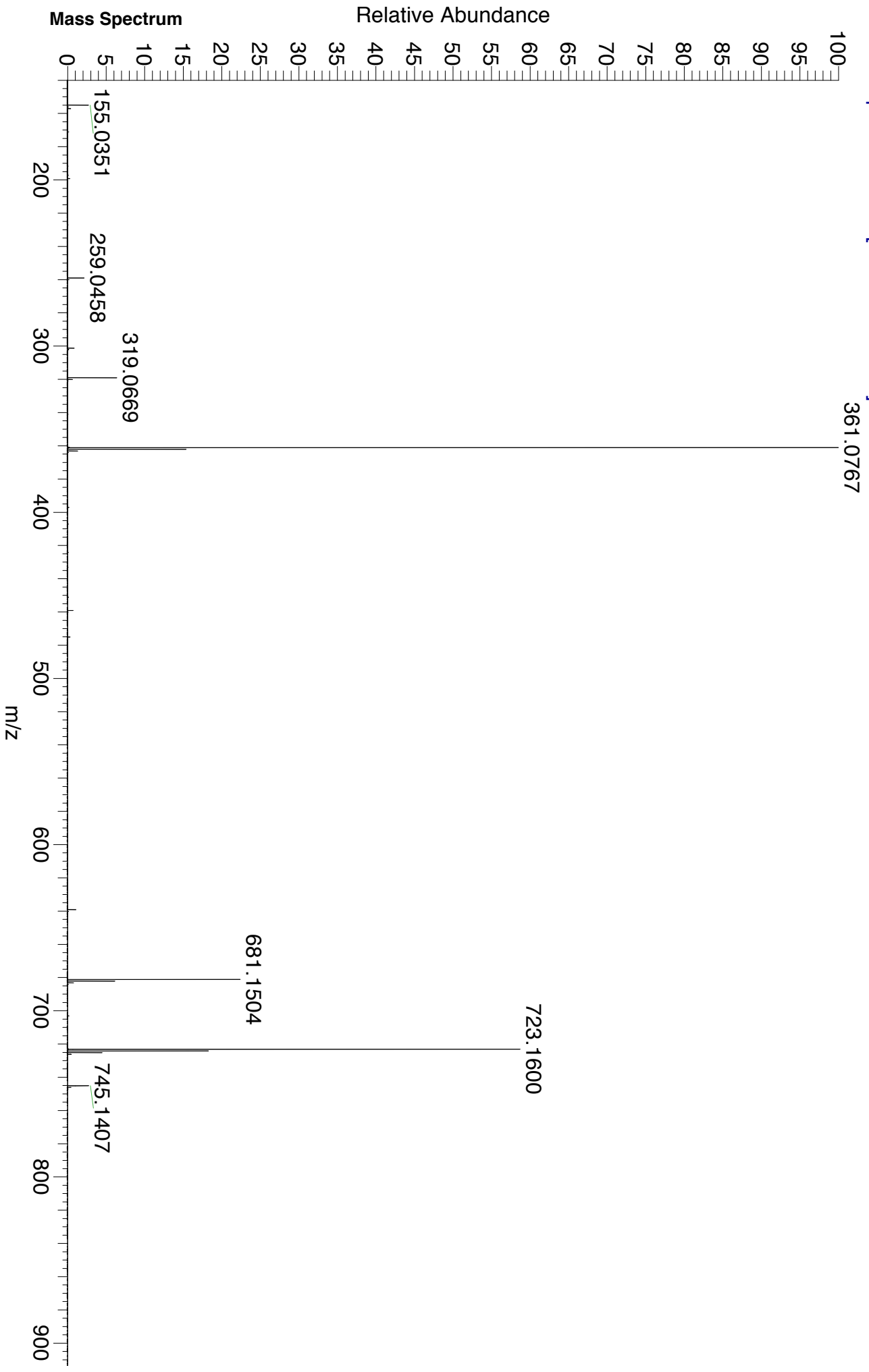


NL:
5.58E7
KEEMIL_FXWV_34#3-18
RT: 0.04-0.43 AV: 15 T: FTMS
- n NSI Full ms



1.30E4
C₁₄H₁₇O₁₁
C₁₄H₁₇O₁₁
p (gss, s /p:40) Chrg -1
R: 100000 Res .Pwr . @FWHM

KEEMIL_FXWV_34 #2-18 RT: 0.01-0.43 AV: 16 SM: 7G NL: 5.22E7
T: FTMS - p NSI Full ms [140.00-1935.00]



1,2,3,4-tetra-*O*-acetyl- β -D-mannuronic acid 4

Infra Red (neat)

