#### **ANDREANA RESEARCH GROUP**

#### **Problem Set - 08/10/2018**

#### **Credit: Prof David Evans group website**

#### (Questions 1 and 4 go together similarly 2 and 3 go together)

#### 1) Provide the mechanism for the following:

### Ref: J. Org. Chem. 1978, 43, 1750

#### 2) Provide the mechanism for the following:

### Ref: J. Am. Chem. Soc. 1986, 108, 8313

# 3) Provide the mechanism for the following:

# Ref: J. Am. Chem. Soc. 1999, 121, 9895

# **4)** Provide the mechanism for the following:

### Ref: Organic Lett. 2001, ASAP

(i) Met H

NOTS
NOTS
NOTS
NOTS
NOTS

NOH OTS

NOH SOLAT

may be so at the south

Me- H So2 AY

3

Continued ....

H

