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#### **Supporting Information for Review only**

Stereoselective Synthesis of *gem*-Dihalopiperidines *via* Halo-Aza-Prins Cyclization Reaction: Access to Piperidin-4-ones and Pyridines

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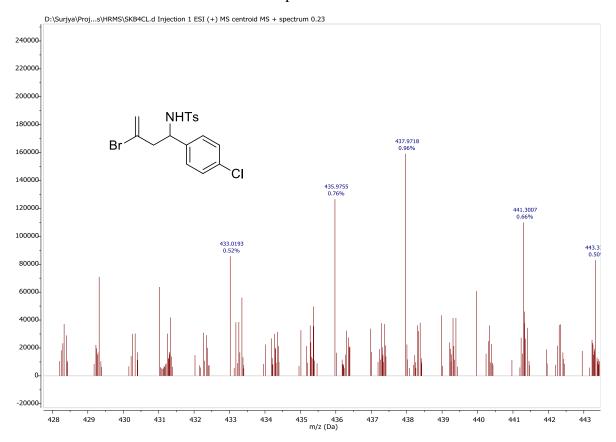
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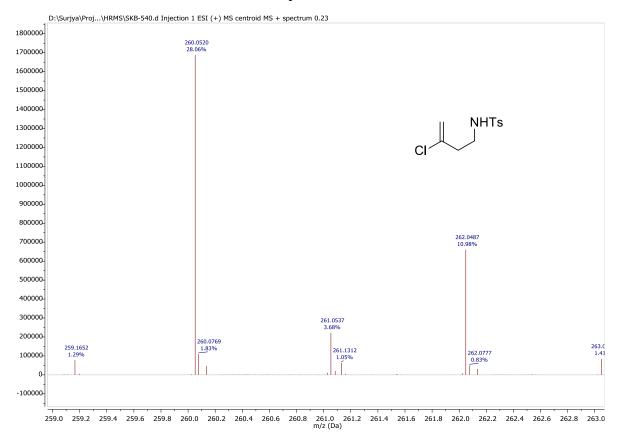
1. HRMS spectra of all new compounds

S2-S44

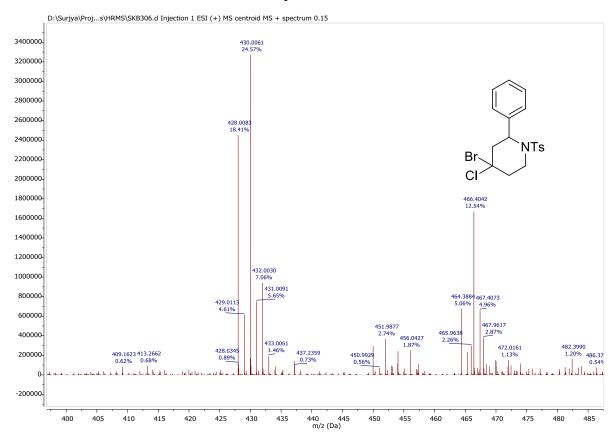
# HRMS spectrum of 1c



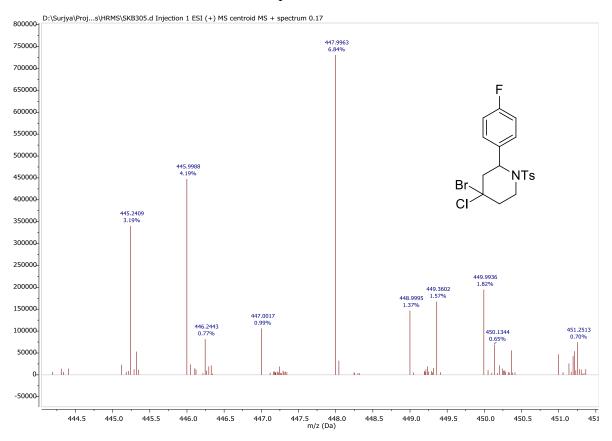
### HRMS spectrum of 1d



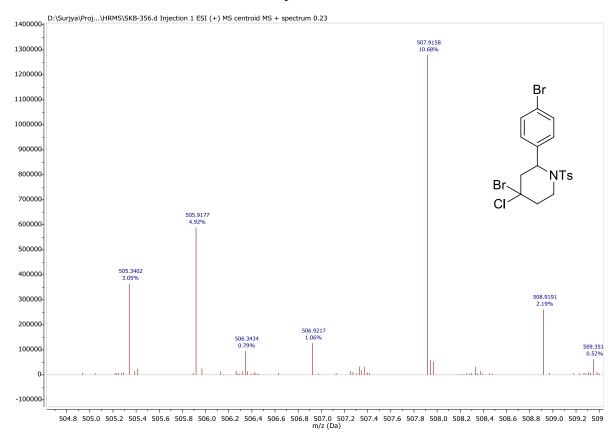
#### HRMS spectrum of 3aa



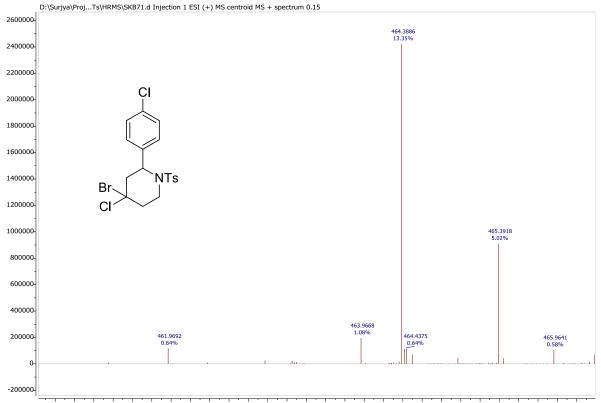
# HRMS spectrum of **3ab**



#### HRMS spectrum of 3ac

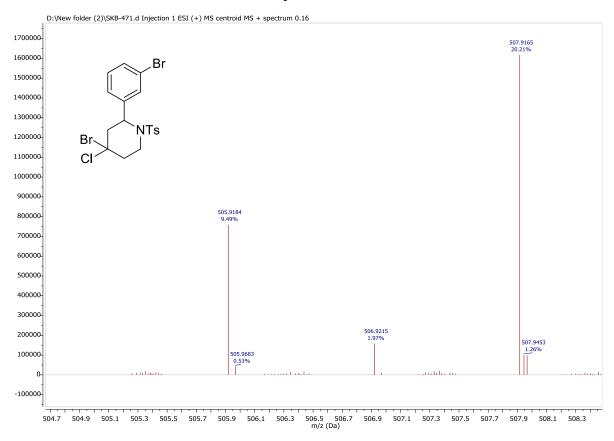


### HRMS spectrum of 3ad

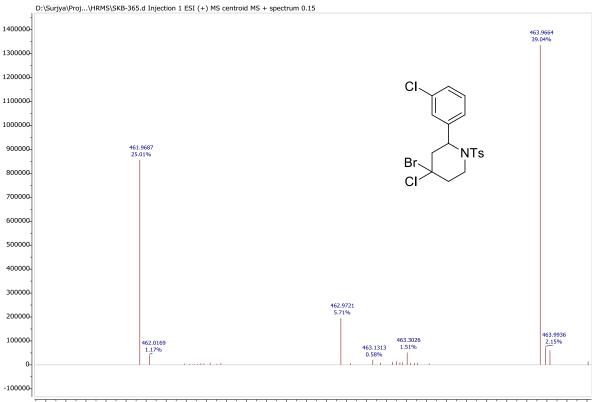


460.8 461.0 461.2 461.4 461.6 461.8 462.0 462.2 462.4 462.6 462.8 463.0 463.2 463.4 463.6 463.8 464.0 464.2 464.4 464.6 464.8 465.0 465.2 465.4 465.6 465.8 466.0 466.2 m/z (Da)

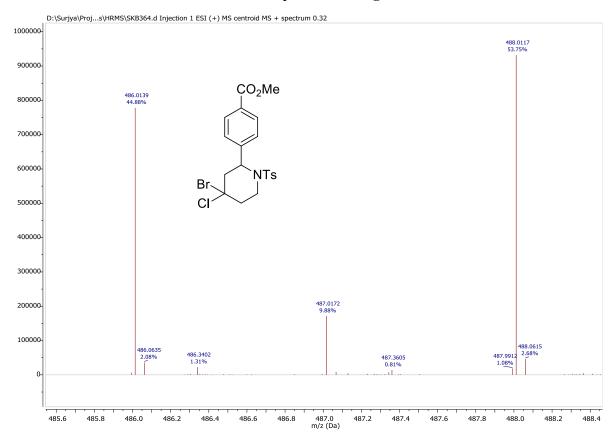
#### HRMS spectrum of 3ae



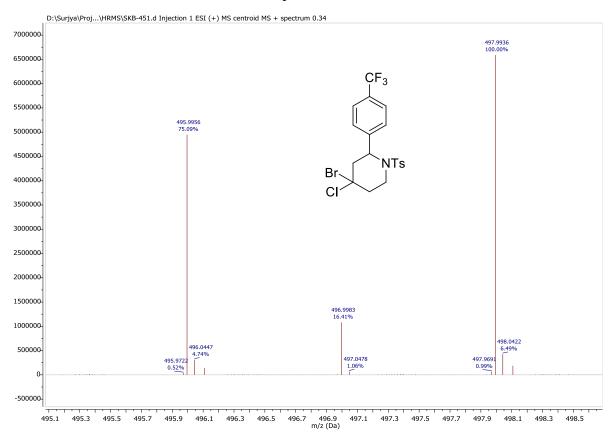
### HRMS spectrum of 3af



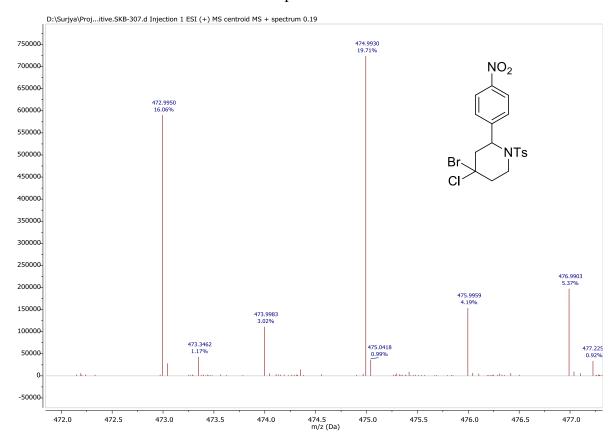
### HRMS spectrum of 3ag



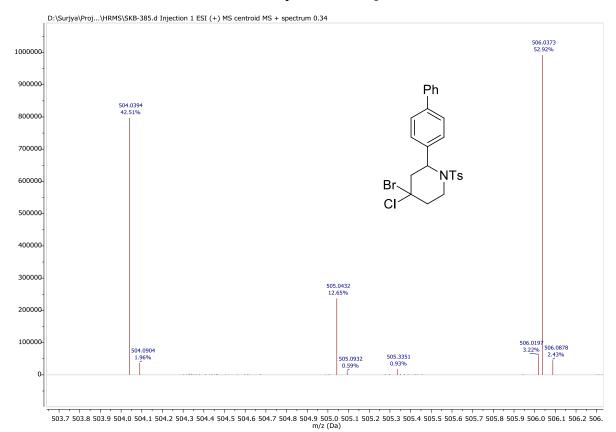
### HRMS spectrum of 3ah



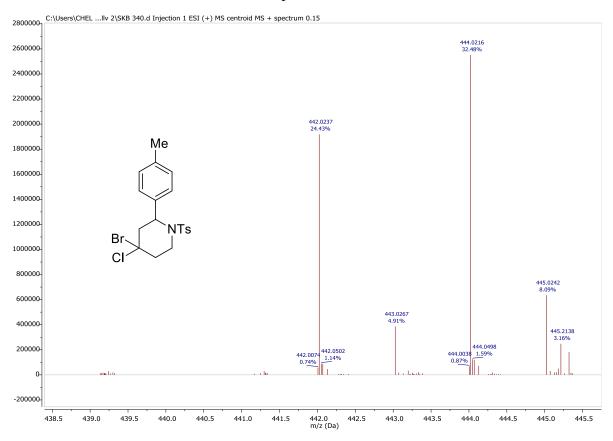
## HRMS spectrum of 3ai



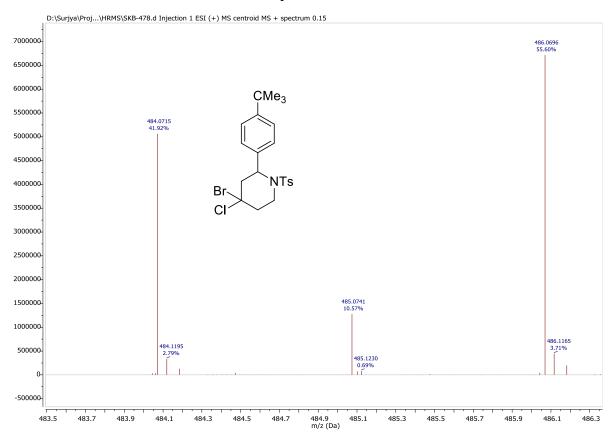
### HRMS spectrum of 3aj



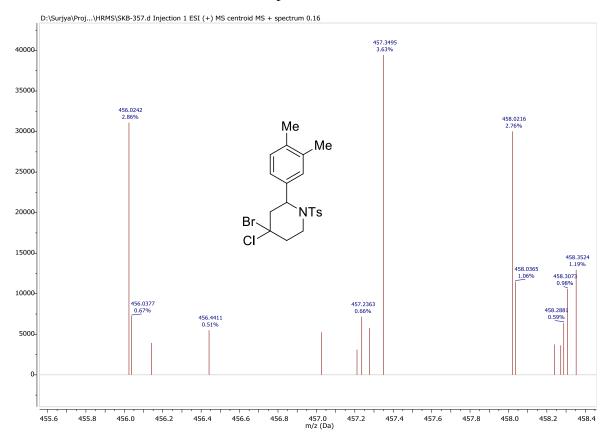
# HRMS spectrum of 3ak



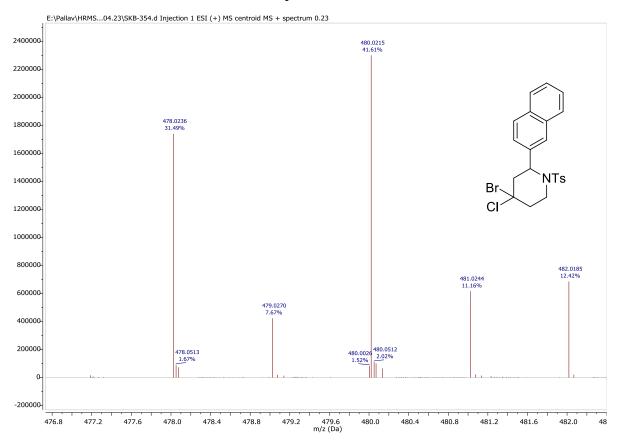
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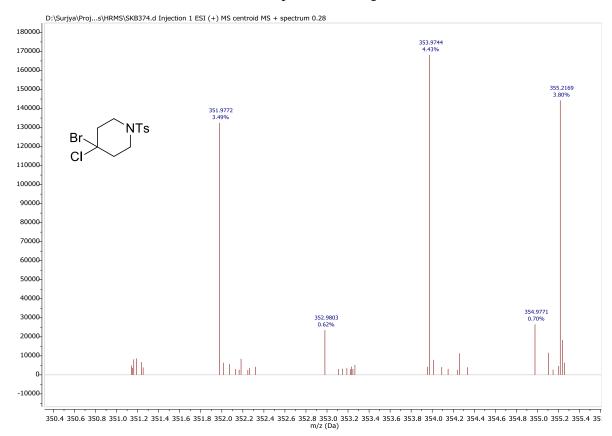
# HRMS spectrum of 3an



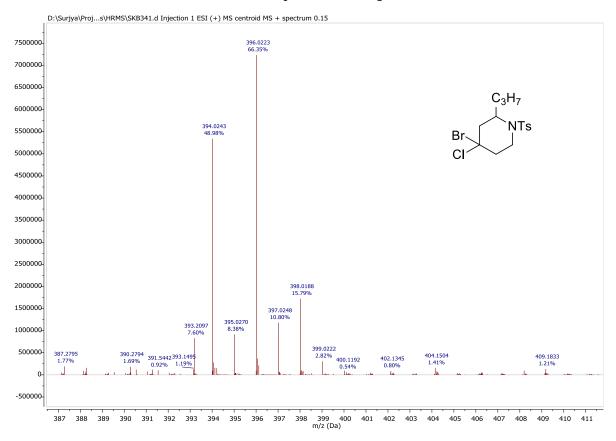
# HRMS spectrum of 3ao



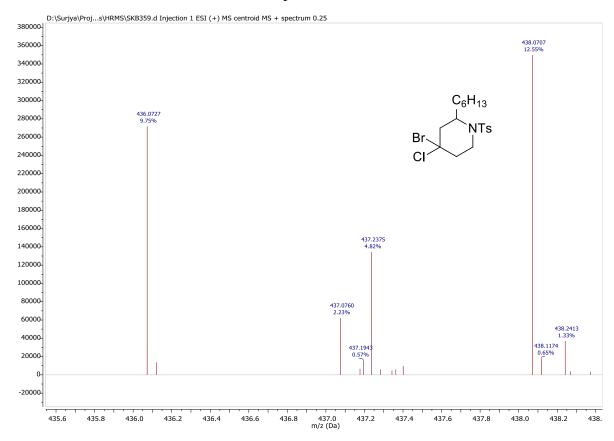
## HRMS spectrum of 3ap



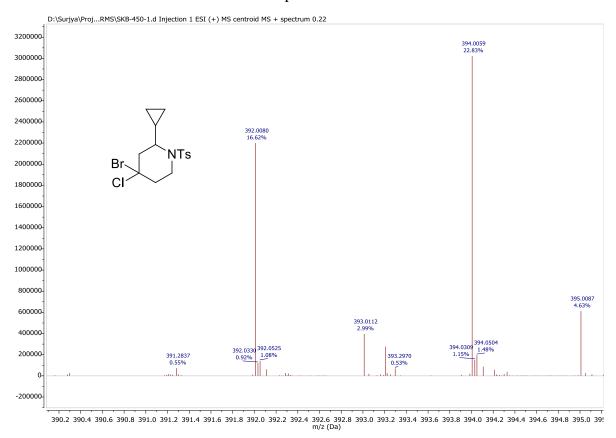
### HRMS spectrum of 3aq



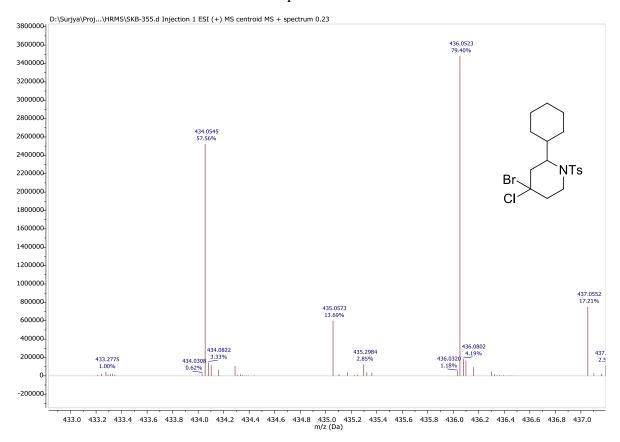
#### HRMS spectrum of 3ar



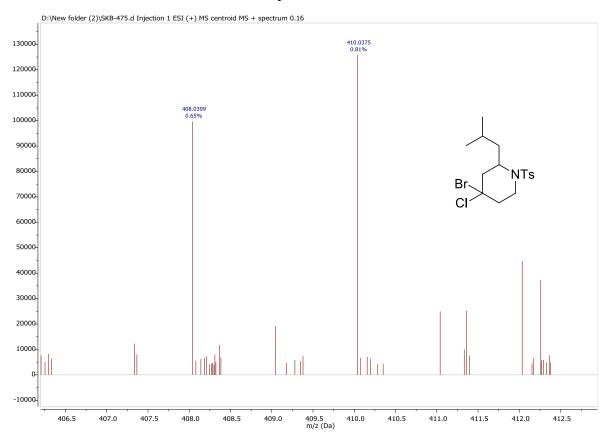
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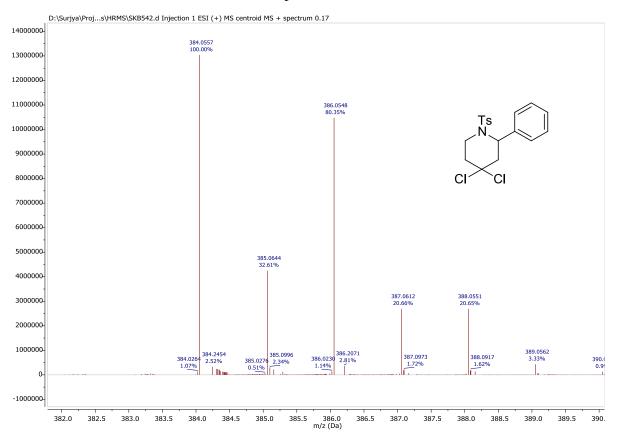
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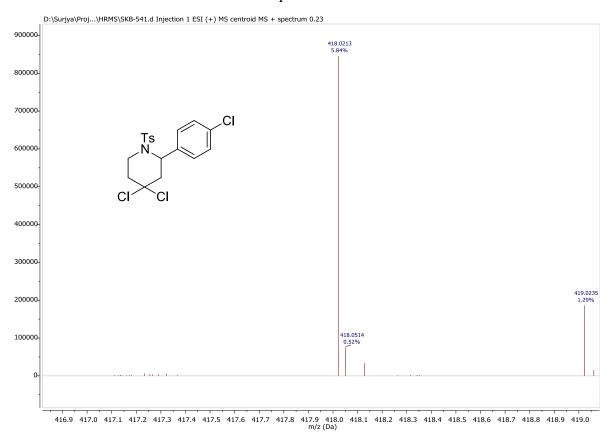
# HRMS spectrum of 3au



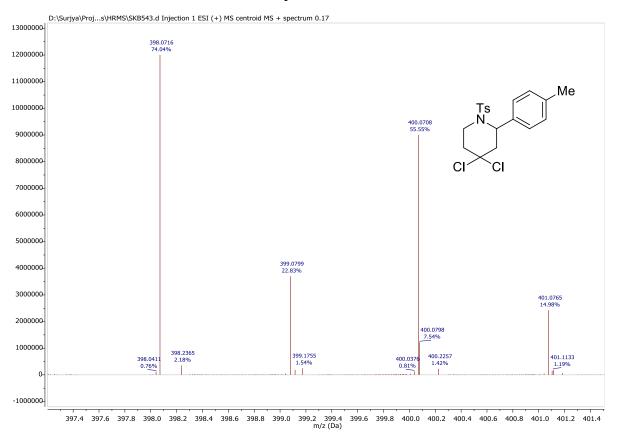
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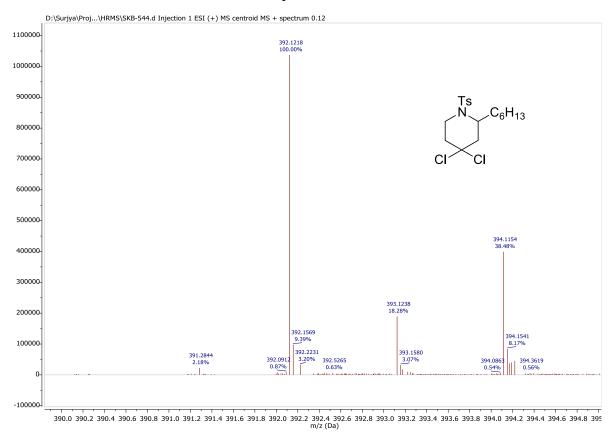
### HRMS spectrum of 3dd



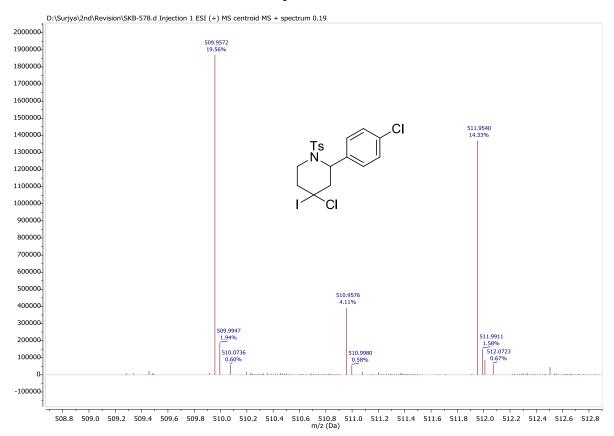
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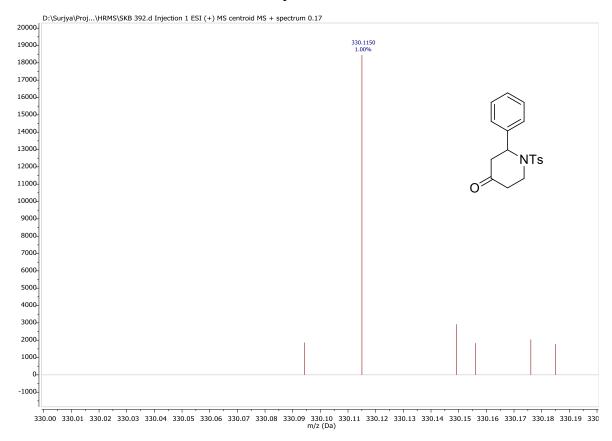
### HRMS spectrum of 3dr



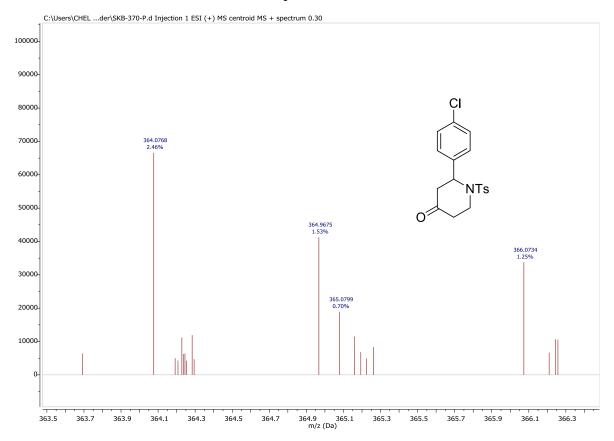
### HRMS spectrum of 3ed



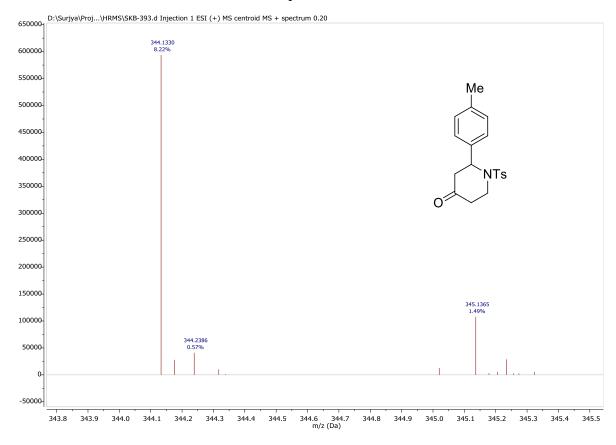
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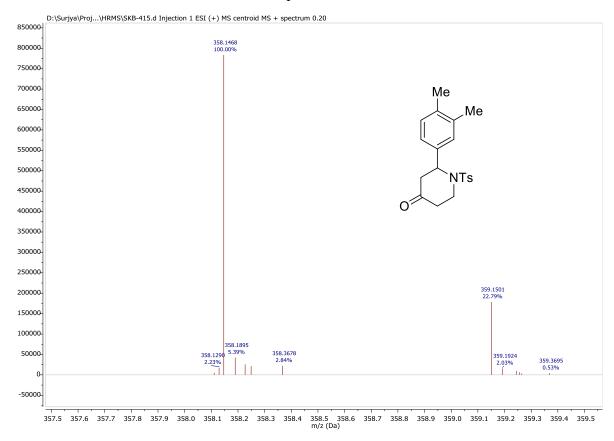
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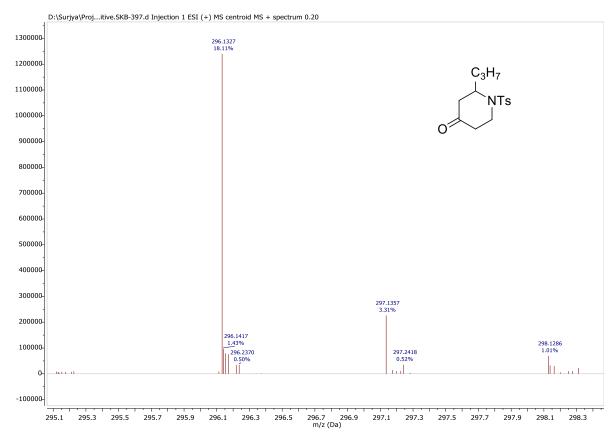
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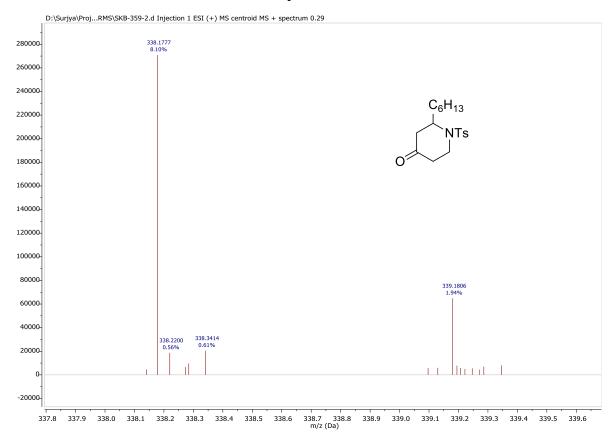
### HRMS spectrum of 4d



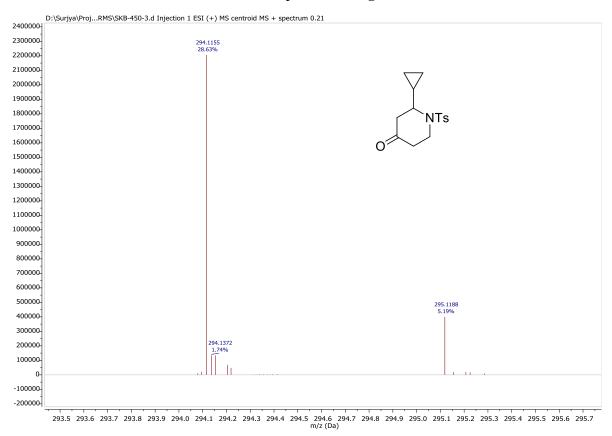
### HRMS spectrum of 4e



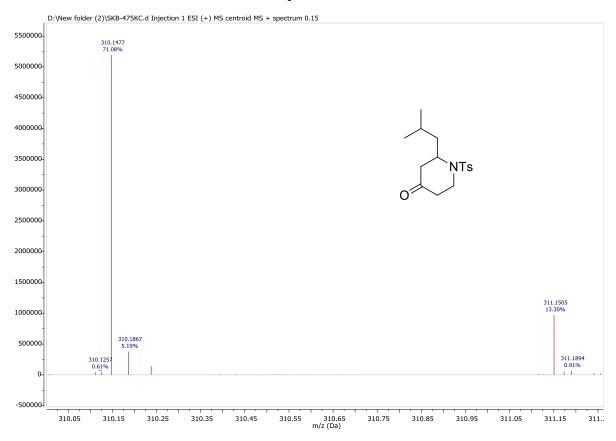
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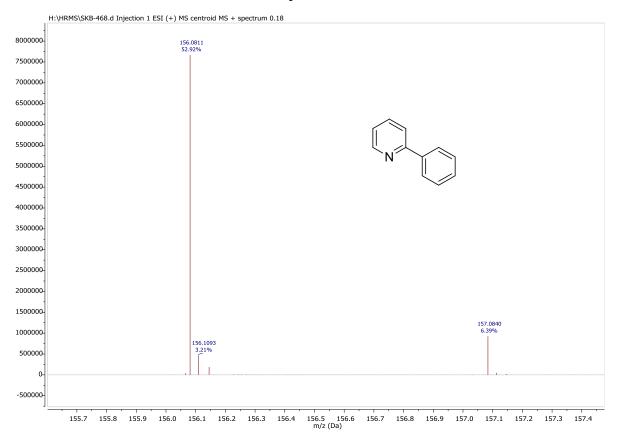
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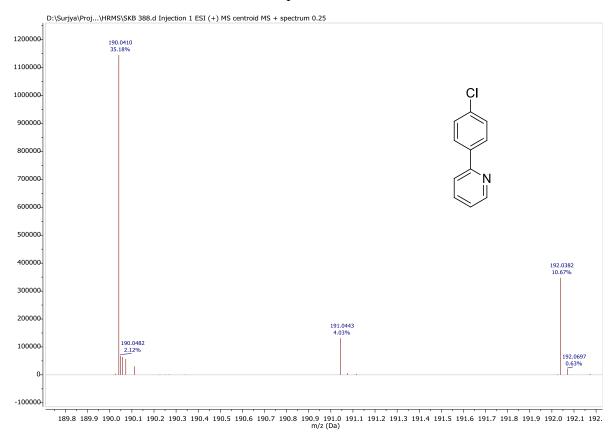
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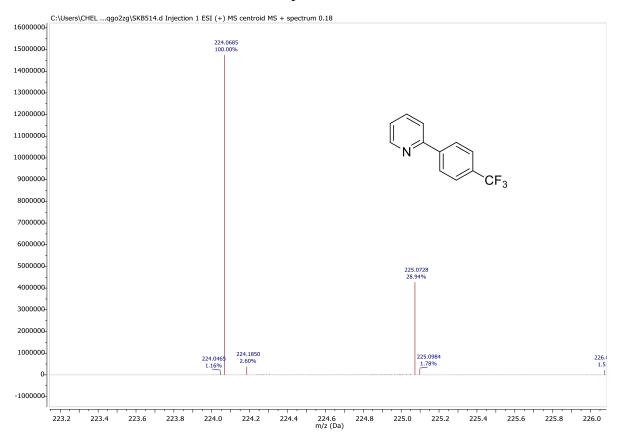
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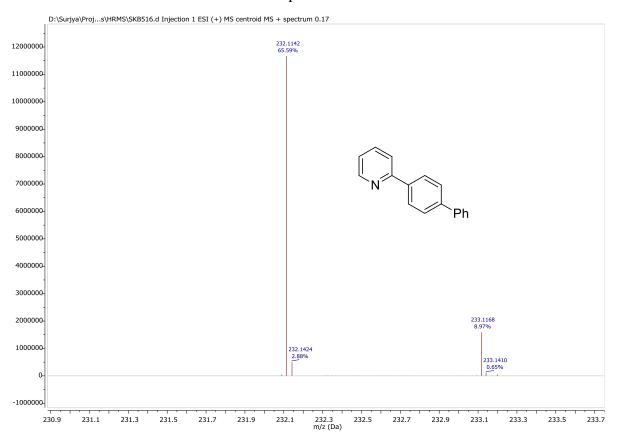
### HRMS spectrum of **5b**



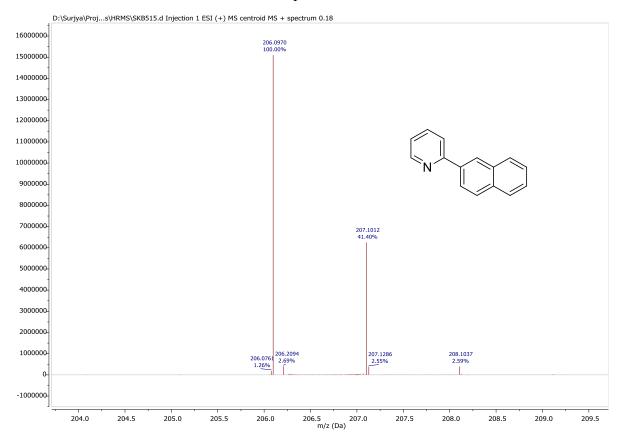
### HRMS spectrum of **5c**



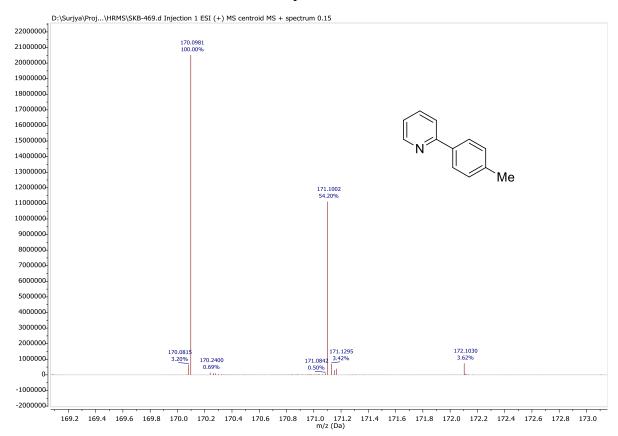
### HRMS spectrum of **5d**



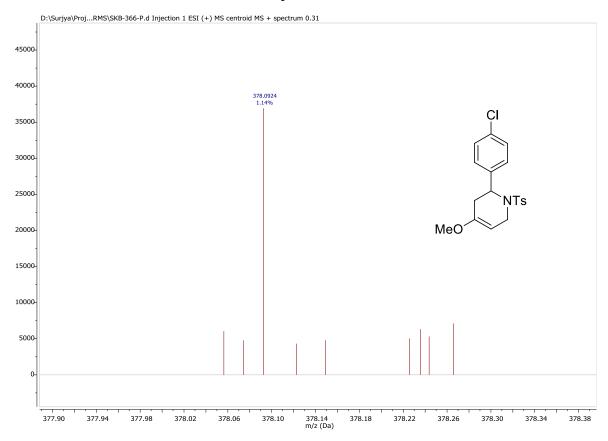
## HRMS spectrum of **5e**



#### HRMS spectrum of 5f



# HRMS spectrum of 6a



### HRMS spectrum of **6b**

