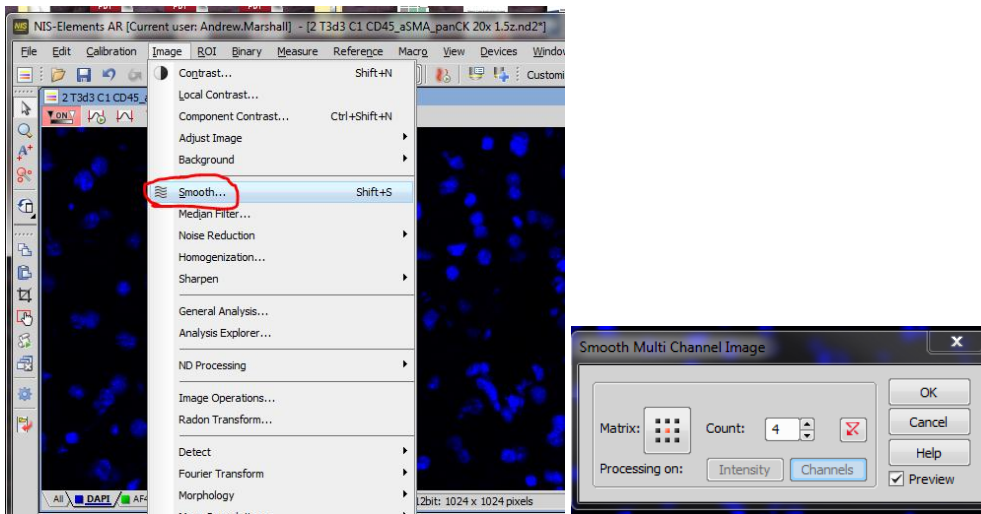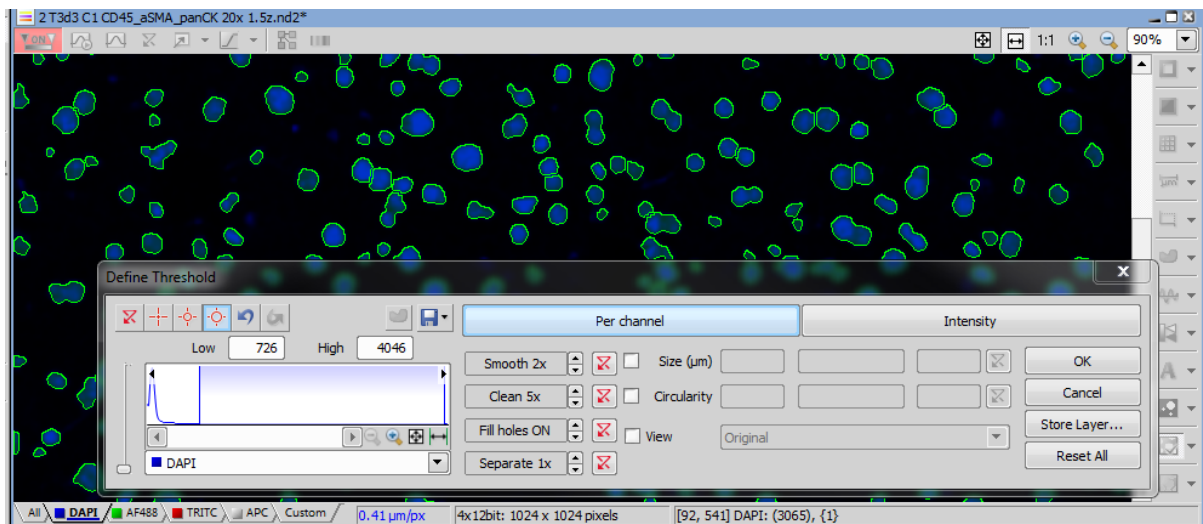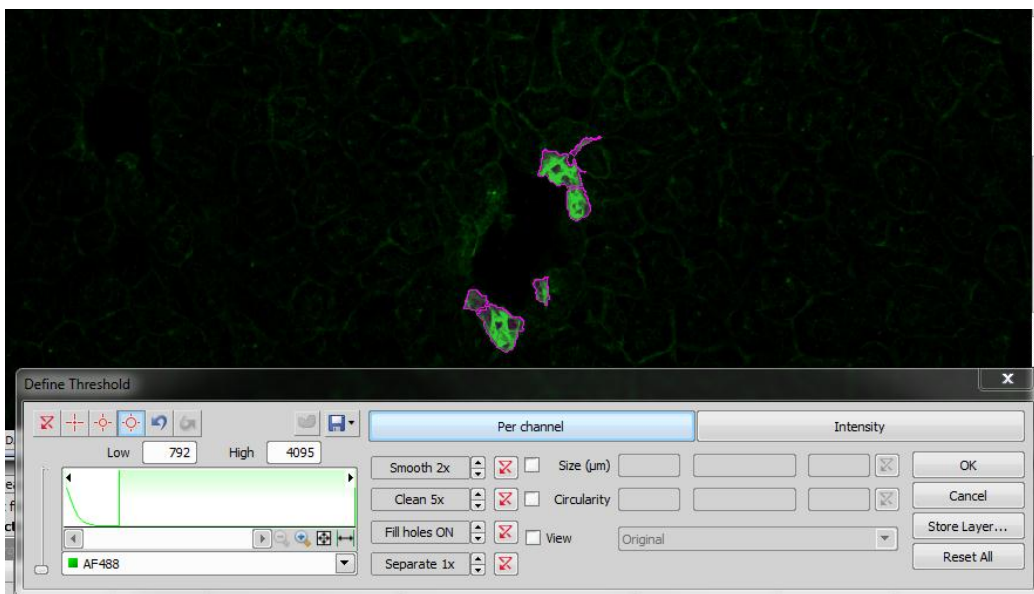1. Firstly the image of DAPI needs some pre-processing so I used a smoothing filter
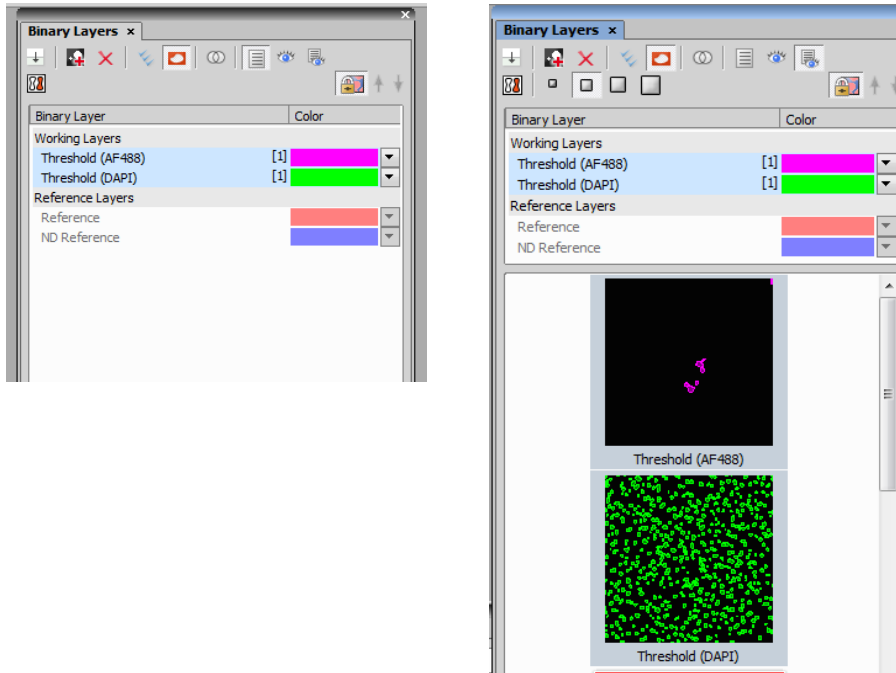

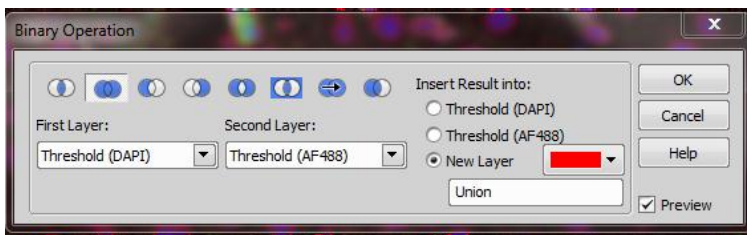2. Then define the threshold for DAPI

3. Then define the threshold for AF488

4. Open the binary layer GUI, you can display the layers by selecting this button
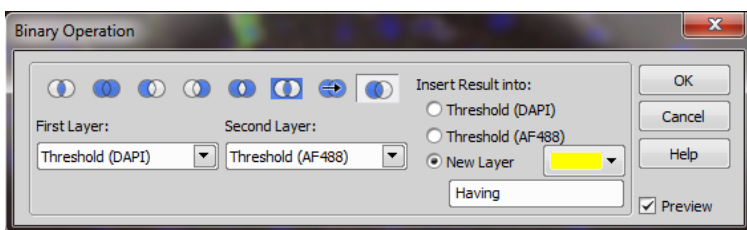

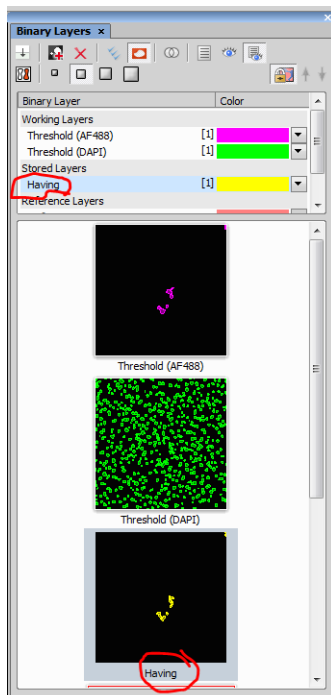5. Select the binary operations button to bring up the following

6. Select the button for HAVING

7. Then you want to have first layer as DAPI and second layer as AF88. That way the equation is show all DAPI having AF488 in it. And make sure it is a new layer

8. You should be able to see it in the binary layer GUI

9. Highlight the HAVING binary layer and in Automated measurements update the result for the Object data to get the number of DAPI objecting having AF488. Here you can see 11 objects as the result.