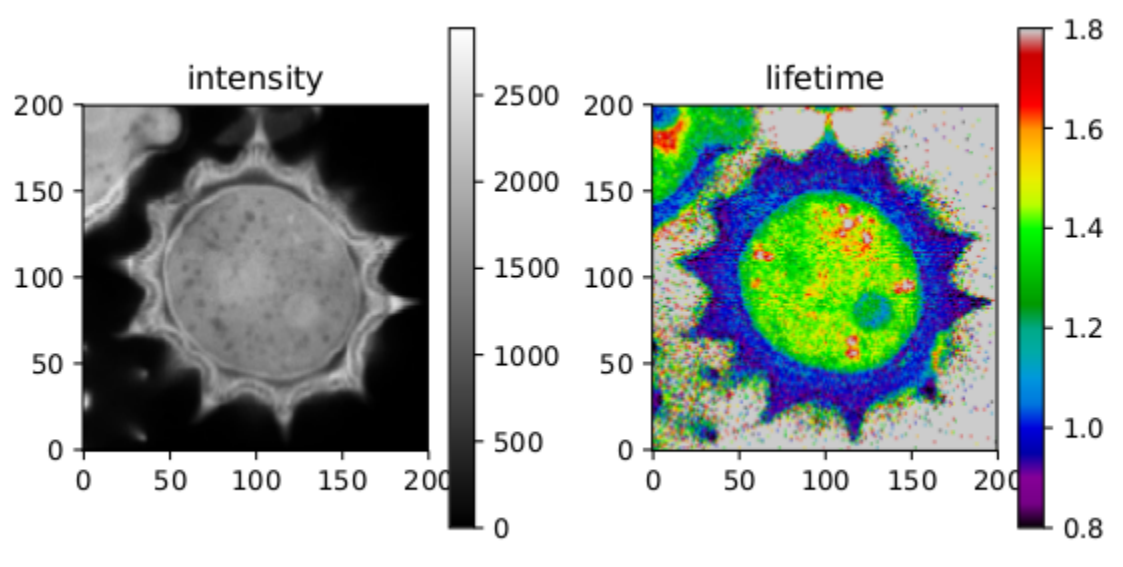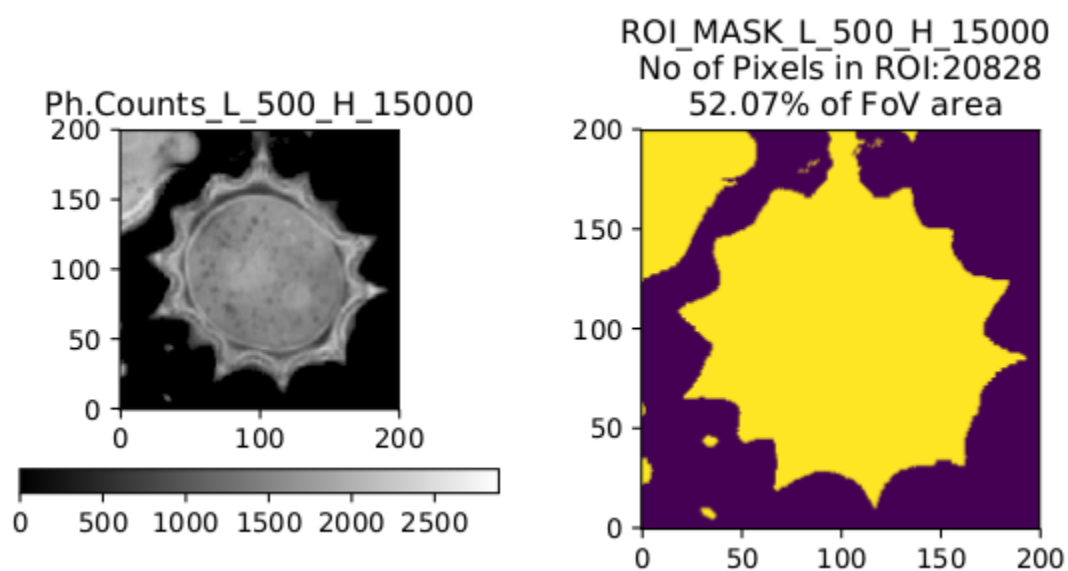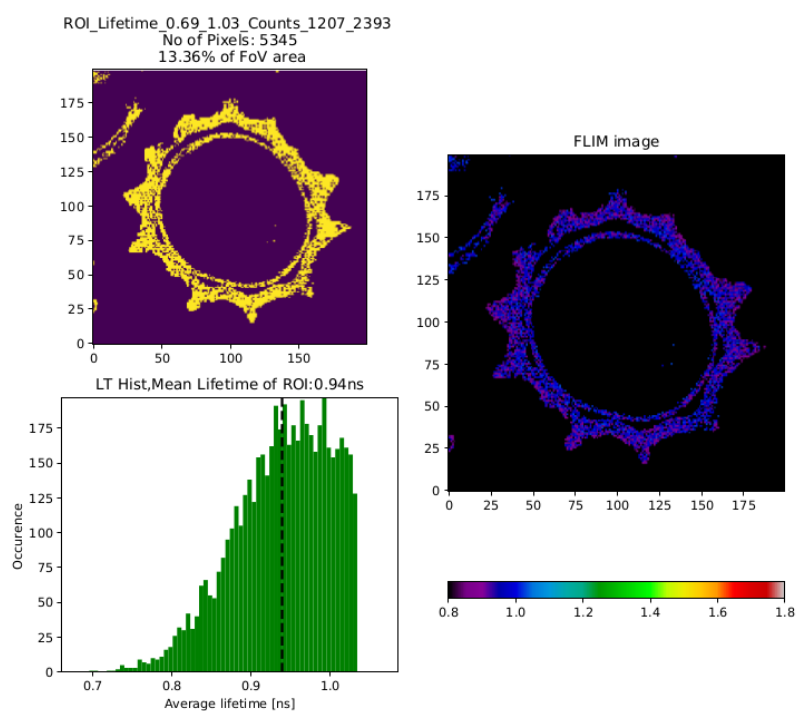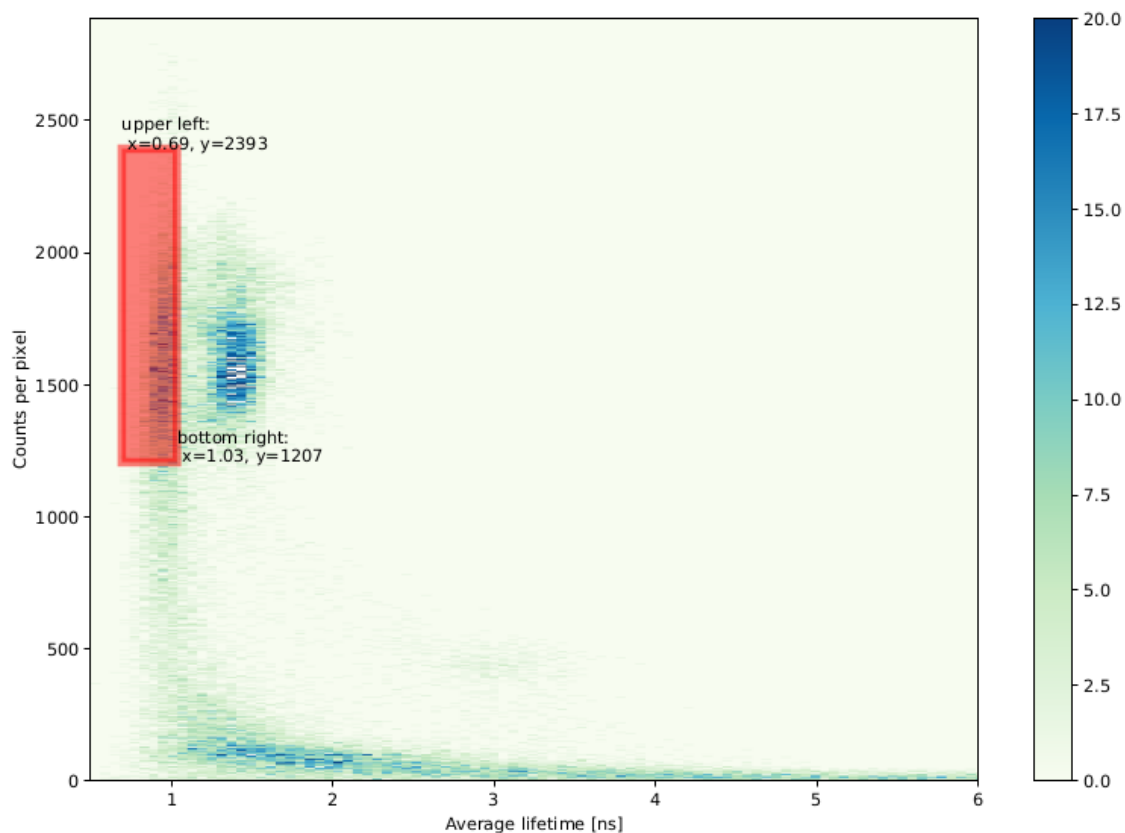**Raw _ Intensity and lifetime images**

Basic ROI selection on Intensity threasholds (lower /higher)

Interactive ROI selection based on 2D- Photon counts vs average lifetime per pixel and the corresponding typical output

upper left:
x=0.69, y=2393

bottom right:
x=1.03, y=1207

Counts per pixel

Average lifetime [ns]

ROI_Lifetime_0.69_1.03_Counts_1207_2393
No of Pixels: 5345
13.36% of FoV area

FLIM image

LT Hist,Mean Lifetime of ROI:0.94ns

Occurence

Average lifetime [ns]

All outputs for the ROIs are automatically named and saved

1_DAISY_POLLEN_ROI_Lifetime_1.16_1.68_Counts_1082_2182_.pdf

1_DAISY_POLLEN_ROI_Lifetime_1.16_1.68_Counts_1082_2182_Mask.dat

1_SelectionOverview1_DAISY_POLLEN_ROI_Lifetime_1.16_1.68_Counts_1082_2182_.pdf

2_DAISY_POLLEN_ROI_Lifetime_0.69_1.03_Counts_1207_2393_.pdf

2_DAISY_POLLEN_ROI_Lifetime_0.69_1.03_Counts_1207_2393_Mask.dat
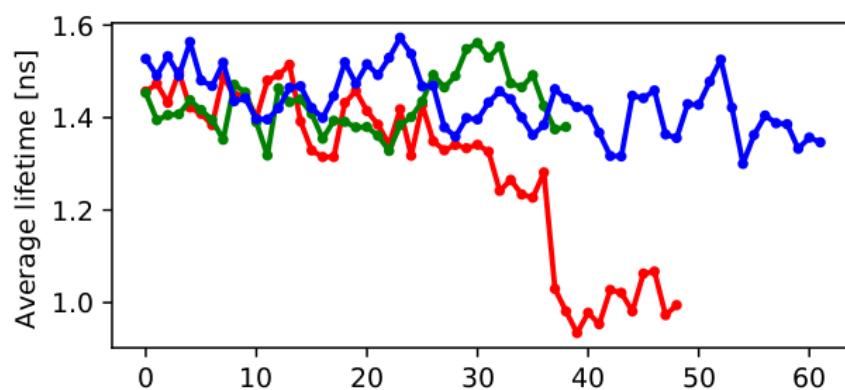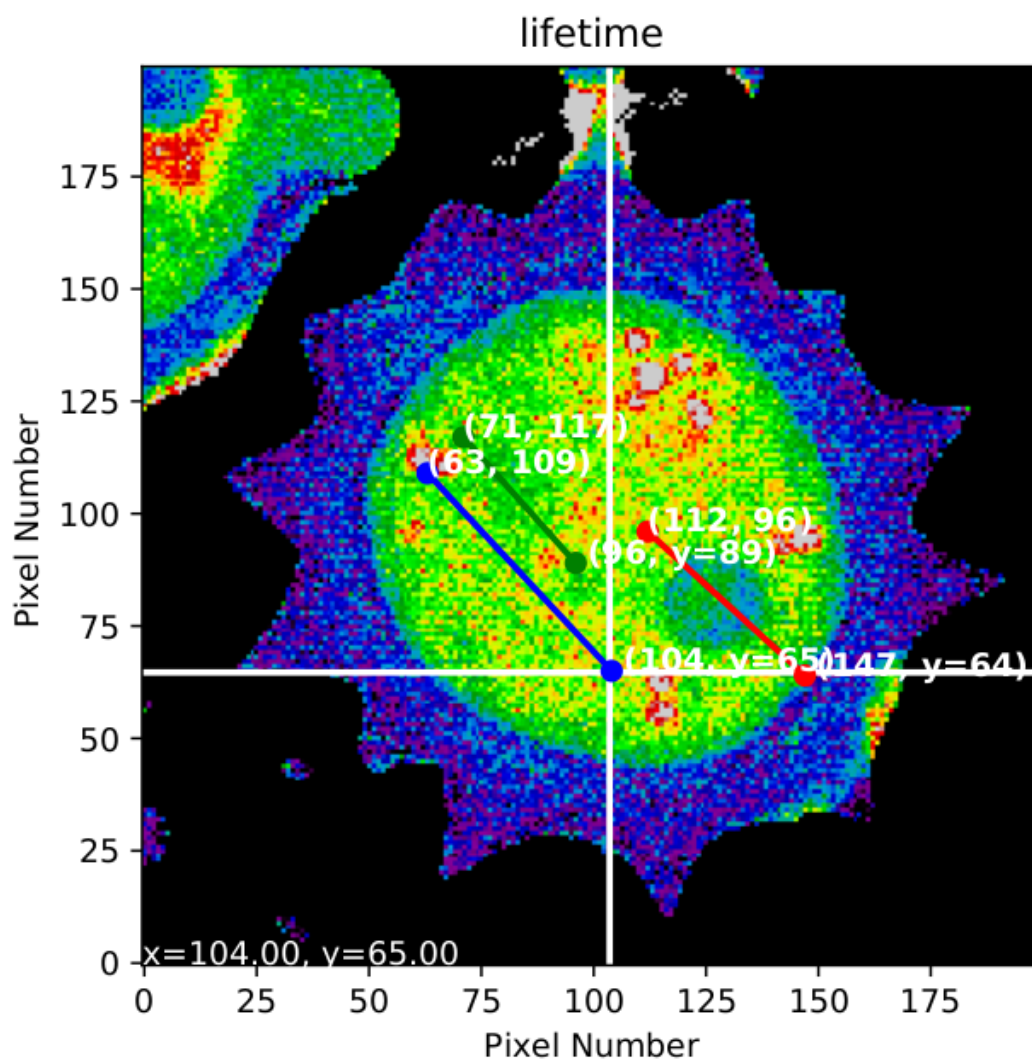
2_SelectionOverview2_DAISY_POLLEN_ROI_Lifetime_0.69_1.03_Counts_1207_2393_.pdf

3_DAISY_POLLEN_ROI_Lifetime_2.25_3.80_Counts_224_776_.pdf

3_DAISY_POLLEN_ROI_Lifetime_2.25_3.80_Counts_224_776_Mask.dat

3_SelectionOverview3_DAISY_POLLEN_ROI_Lifetime_2.25_3.80_Counts_224_776_.pdf

4_DAISY_POLLEN_ROI_Lifetime_0.58_5.96_Counts_53_683_.pdf

4_DAISY_POLLEN_ROI_Lifetime_0.58_5.96_Counts_53_683_Mask.dat

4_SelectionOverview4_DAISY_POLLEN_ROI_Lifetime_0.58_5.96_Counts_53_683_.pdf

DAISY_POLLEN_AvIntenLifetime.dat

DAISY_POLLEN_intensity.pdf

DAISY_POLLEN__L_500_H_15000_lifetime.pdf

DAISY_POLLEN__L_500_H_15000_lifetime.png

DAISY_POLLEN__L_500_H_15000_ROI_Mask.dat

DAISY_POLLEN__L_500_H_15000_ROI_Mask.pdf

DAISY_POLLEN__PhCounts.dat

Line Profiles multiple selection and outputs

lifetime

(71, 117)
(63, 109)
(112, 96)
(96, y=89)
(104, y=65)(147, y=64)
x=104.00, y=65.00

Pixel Number

Pixel Number

Average lifetime [ns]

Autonaming and saving of lineProfiles

- Profile_124_118_154_93_
- Profile_72_76_99_56_
- Profile_58_114_98_87_
- Profile_75_111_119_69_
- Profile_83_148_121_92_
- Lines_Overview
- Profiles_Overview
- Profiles
- Profile_63_109_104_65_
- Profile_71_117_96_89_
- Profile_112_96_147_64_
- Profile107.0_103.0_135.0_70.0
- Profile51.0_113.0_93.0_54.0
- Profile98.0_127.0_131.0_92.0
- Profile75.0_103.0_113.0_63.0
- DAISY_POLLEN__L_500_H_15000_ROI_Mask.pdf
- DAISY_POLLEN__L_500_H_15000_ROI_Mask.dat
- DAISY_POLLEN_intensity.pdf
- DAISY_POLLEN__PhCounts.dat
- DAISY_POLLEN_AvIntenLifetime.dat