original mask

central points representation
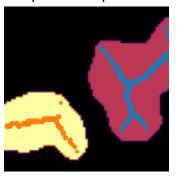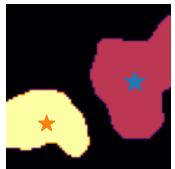
mask recovered from central points

centroid representation

mask recovered from centroids