

aug_13_12 (click to open in a [spreadsheet](#) or [textfile](#))¹

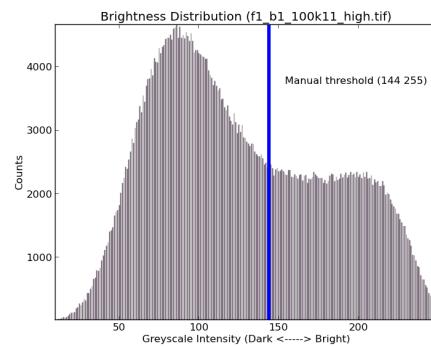
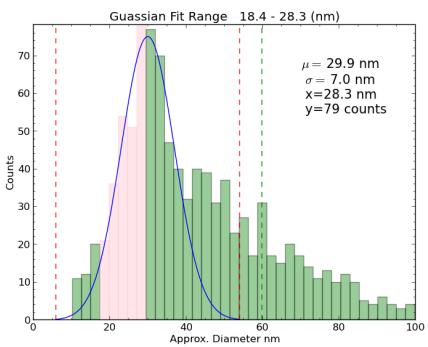
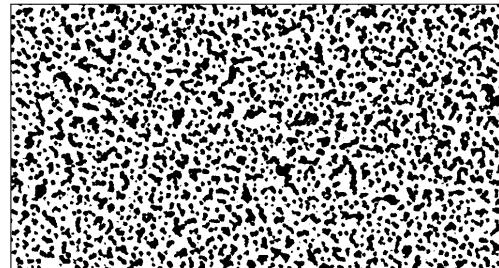
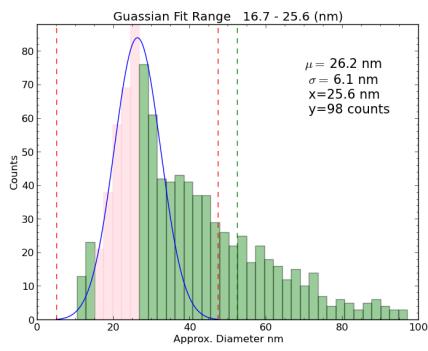
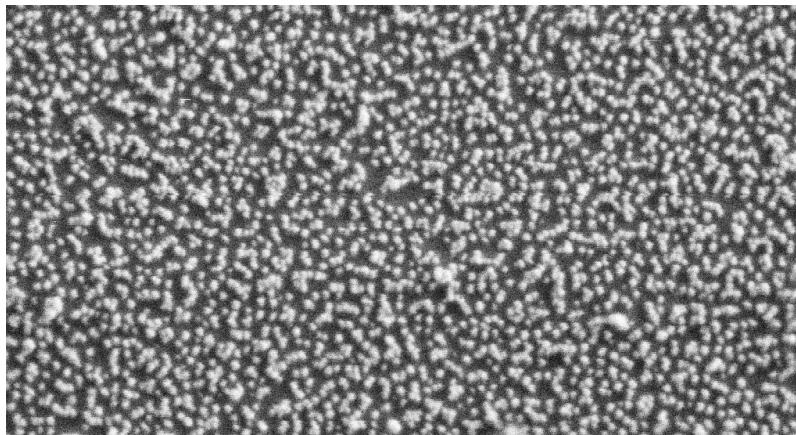
Image	NPS	single_eqvs	double_eqvs	flat_eqvs	super_eqvs	Diam Est(nm)	bw_nonois
f1_b1_100k11_high.tif	1.19e+06	34.15	25.72	31.7	8.43	28.35	35.62
f1_b1_100k11_low.tif	1.11e+06	33.72	23.98	33.08	9.22	30.9	38.27
f1_b1_15k21_high.tif	1.38e+06	3.67	9.69	11.5	75.13	40.94	24.28
f1_b1_15k21_low.tif	2.43e+06	1.72	4.17	5.88	88.23	40.94	29.57
f1_b1_30k1kx1_high.tif	4.00e+07	0.08	0.25	0.72	98.94	31.7	43.56
f1_b1_30k1kx1_low.tif	1.46e+07	0.5	1.37	4.09	94.04	31.7	34.42
f1_b1_30k2kx1_high.tif	8.10e+06	1.26	2.66	8.07	88.01	31.7	27.13
f1_b1_30k2kx1_low.tif	1.44e+07	0.52	1.23	3.87	94.38	31.7	32.69
f1_b1_50kx31_high.tif	3.03e+06	6.65	5.0	12.34	76.0	31.43	40.28
f1_b1_50kx31_low.tif	7.78e+06	1.27	0.79	1.96	95.99	31.79	49.15
f1_b2_100k11_high.tif	1.53e+06	77.93	15.84	6.23	0.0	29.46	26.94
f1_b2_100k11_low.tif	1.29e+06	56.82	25.52	17.66	0.0	30.59	39.31
f1_b2_15k11_high.tif	5.42e+05	24.98	32.8	17.5	24.72	40.94	14.05
f1_b2_15k11_low.tif	7.06e+03	52.49	18.26	5.39	23.86	40.5	78.1
f1_b2_30k21_high.tif	1.78e+06	19.2	34.35	32.15	14.29	31.75	16.47
f1_b2_30k21_low.tif	2.53e+06	10.38	23.63	33.36	32.63	31.7	22.48
f1_b2_50k11_high.tif	1.55e+06	71.4	20.92	6.89	0.79	29.69	25.48
f1_b2_50k11_low.tif	1.44e+06	42.32	35.53	21.18	0.98	25.02	35.65
f1_b2_5k21_high.tif	8.02e+03	55.78	40.0	4.22	0.0	41.97	1.5
f2_b1_100k21_high.tif	1.28e+06	70.4	18.44	6.38	4.78	30.01	17.65
f2_b1_100k21_low.tif	1.07e+06	57.6	28.86	9.7	3.83	31.81	28.86
f2_b1_15k_highres_9scan_11int1_high.tif	3.82e+05	20.44	43.74	21.11	14.72	40.94	11.34
f2_b1_15k_highres_9scan_11int1_low.tif	9.65e+05	7.11	15.93	14.8	62.15	40.94	20.31
f2_b1_30k31_high.tif	1.70e+06	15.48	31.28	32.85	20.39	31.7	15.64
f2_b1_30k31_low.tif	2.23e+06	9.88	25.52	32.59	32.0	31.7	19.61
f2_b1_50k21_high.tif	7.41e+05	17.44	14.2	17.1	51.27	28.83	62.59
f2_b1_50k21_low.tif	5.06e+05	22.28	16.94	23.13	37.66	30.82	64.77
f2_b2_15k31_high.tif	2.63e+05	20.77	39.82	18.25	21.15	40.94	7.38
f2_b2_15k31_low.tif	1.71e+06	3.69	7.17	8.71	80.42	40.94	26.67
f2_b2_30k31_high.tif	7.85e+05	8.51	23.1	23.07	45.31	31.69	5.03
f2_b2_30k31_low.tif	3.25e+07	0.12	0.44	1.07	98.37	31.7	43.41
f2_b2_50k31_high.tif	1.33e+06	52.04	15.51	19.52	12.93	38.84	16.14
f2_b2_50k31_low.tif	1.58e+06	12.05	9.6	20.78	57.56	28.88	42.17
f2_b2_5k21_high.tif	6.84e+03	58.37	38.76	2.87	0.0	41.97	1.25

¹See technical help in **Appendix**

Image	BSA	single_true	double_true	flat_true	super_true	corr_cov(%)	hex_ffrac(%)
f1_b1_100k11_high.tif	4.95e+07	57.56	21.67	2.06e+01	2.02e-01	46.29	35.86
f1_b1_100k11_low.tif	4.67e+07	57.85	20.58	2.13e+01	2.21e-01	46.15	38.06
f1_b1_15k21_high.tif	4.06e+07	26.12	34.45	3.04e+01	8.99e+00	84.39	17.91
f1_b1_15k21_low.tif	4.97e+07	24.5	29.7	3.08e+01	1.50e+01	102.78	16.76
f1_b1_30k1kx1_high.tif	1.81e+08	13.68	21.12	3.78e+01	2.74e+01	220.69	10.87
f1_b1_30k1kx1_low.tif	1.37e+08	16.68	22.92	4.30e+01	1.74e+01	174.38	18.34
f1_b1_30k2kx1_high.tif	1.03e+08	21.8	22.91	4.45e+01	1.08e+01	137.48	18.06
f1_b1_30k2kx1_low.tif	1.28e+08	18.36	21.87	4.33e+01	1.65e+01	165.64	16.8
f1_b1_50kx31_high.tif	5.43e+07	48.08	18.08	3.03e+01	3.56e+00	70.01	32.78
f1_b1_50kx31_low.tif	4.31e+07	51.11	15.97	2.57e+01	7.25e+00	56.85	20.33
f1_b2_100k11_high.tif	7.75e+07	88.01	8.95	3.04e+00	0.00e+00	43.82	30.27
f1_b2_100k11_low.tif	6.43e+07	73.89	16.59	9.52e+00	0.00e+00	46.75	42.83
f1_b2_15k11_high.tif	2.74e+07	51.17	33.59	1.41e+01	1.15e+00	48.82	13.89
f1_b2_15k11_low.tif	3.15e+05	81.35	14.15	3.54e+00	9.65e-01	269.49	0.11
f1_b2_30k21_high.tif	7.57e+07	39.5	35.33	2.49e+01	3.00e-01	83.98	17.35
f1_b2_30k21_low.tif	9.04e+07	30.26	34.43	3.43e+01	1.03e+00	113.89	22.81
f1_b2_50k11_high.tif	7.63e+07	84.16	12.33	3.49e+00	1.28e-02	48.23	28.29
f1_b2_50k11_low.tif	5.59e+07	61.65	25.88	1.25e+01	1.69e-02	37.43	38.11
f1_b2_5k21_high.tif	4.65e+05	71.81	25.74	2.45e+00	0.00e+00	0.66	1.58
f2_b1_100k21_high.tif	5.77e+07	85.53	11.2	3.21e+00	6.05e-02	32.89	19.86
f2_b1_100k21_low.tif	4.66e+07	75.75	18.98	5.20e+00	7.87e-02	32.68	29.8
f2_b1_15k_highres_9scan_11int1_high.tif	2.16e+07	39.99	42.79	1.64e+01	8.13e-01	39.42	11.73
f2_b1_15k_highres_9scan_11int1_low.tif	3.48e+07	32.52	36.42	2.56e+01	5.47e+00	70.57	16.72
f2_b1_30k31_high.tif	6.81e+07	35.76	36.14	2.75e+01	5.69e-01	79.23	16.3
f2_b1_30k31_low.tif	7.94e+07	28.69	37.04	3.32e+01	1.09e+00	99.37	19.96
f2_b1_50k21_high.tif	1.81e+07	56.37	22.95	1.98e+01	8.27e-01	60.04	16.65
f2_b1_50k21_low.tif	1.56e+07	56.59	21.51	2.11e+01	7.94e-01	61.65	15.43
f2_b2_15k31_high.tif	1.39e+07	42.93	41.15	1.48e+01	1.10e+00	25.66	7.28
f2_b2_15k31_low.tif	4.46e+07	31.39	30.49	2.75e+01	1.06e+01	92.68	17.4
f2_b2_30k31_high.tif	2.20e+07	29.21	39.63	2.97e+01	1.49e+00	25.98	4.78
f2_b2_30k31_low.tif	1.78e+08	13.63	23.86	3.68e+01	2.57e+01	219.96	12.93
f2_b2_50k31_high.tif	7.78e+07	77.24	11.51	1.10e+01	2.49e-01	66.91	19.3
f2_b2_50k31_low.tif	3.73e+07	49.29	19.63	2.91e+01	2.00e+00	41.2	38.65
f2_b2_5k21_high.tif	4.00e+05	73.88	24.53	1.60e+00	0.00e+00	0.55	1.31

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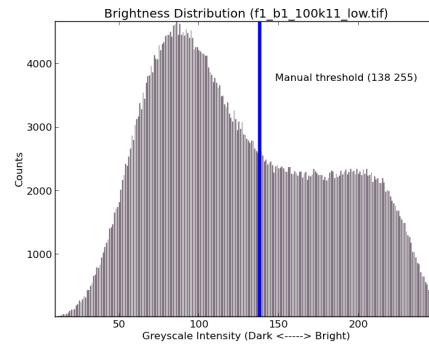
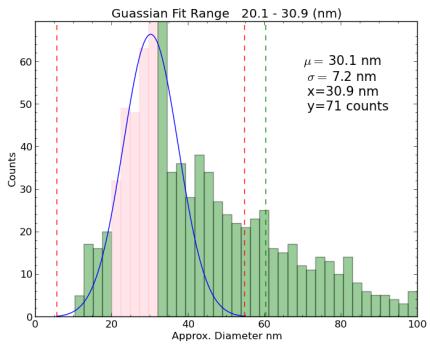
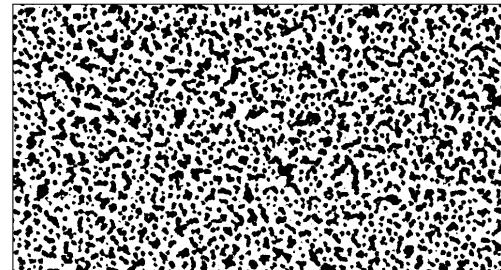
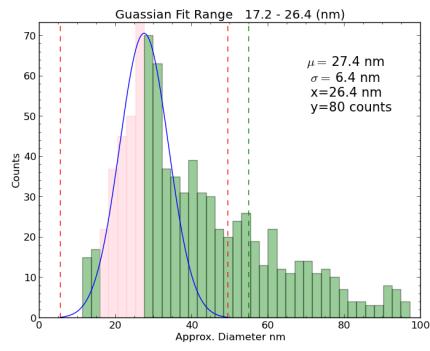
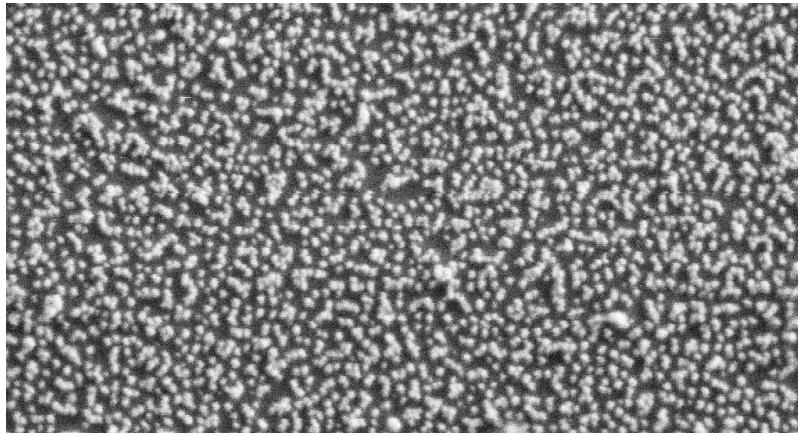
f1_b1_100k11_high



f1_b1_100k11_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **35.62** corr coverage: **46.29** hex fillfrac: **35.86** man-adjustment: **Yes**

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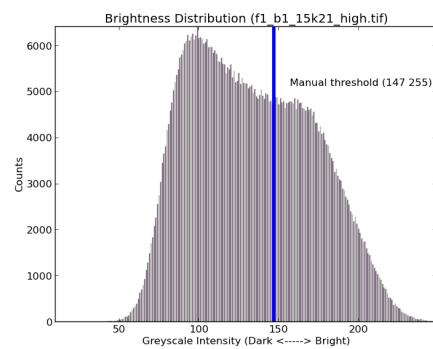
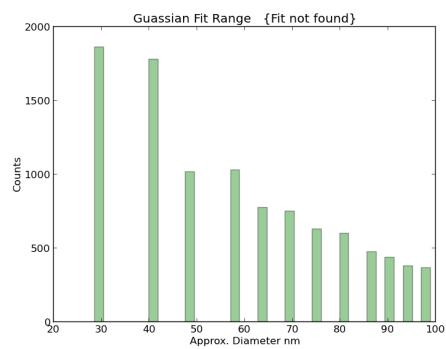
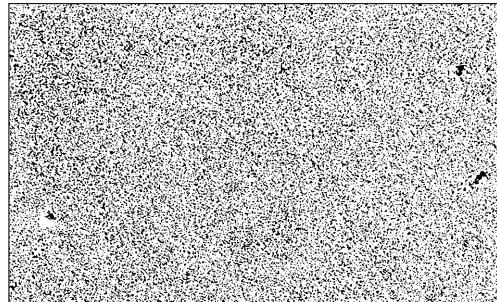
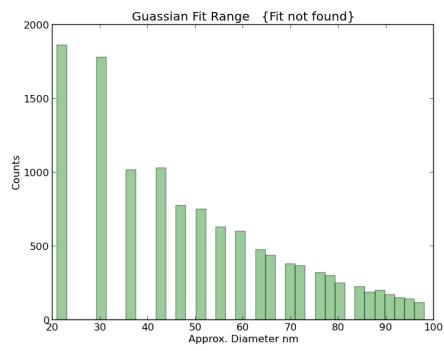
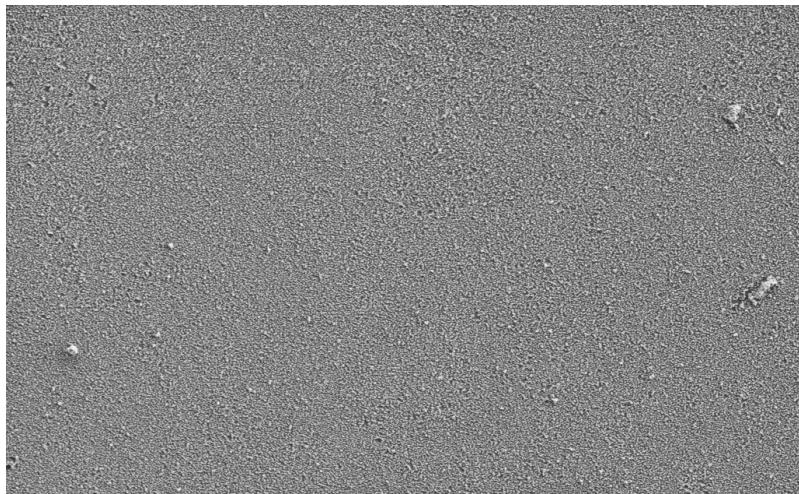
f1_b1_100k11_low



f1_b1_100k11_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **38.27** corr coverage: **46.15** hex fillfrac: **38.06** man-adjustment: **Yes**

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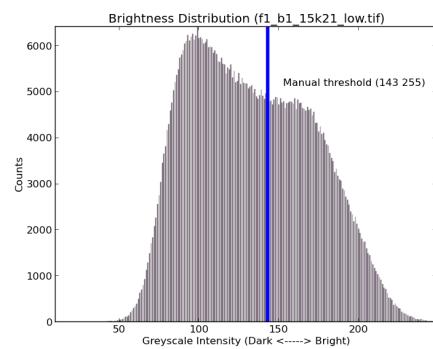
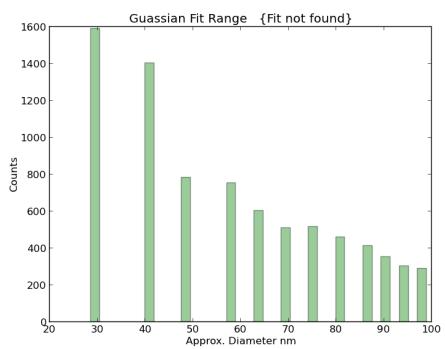
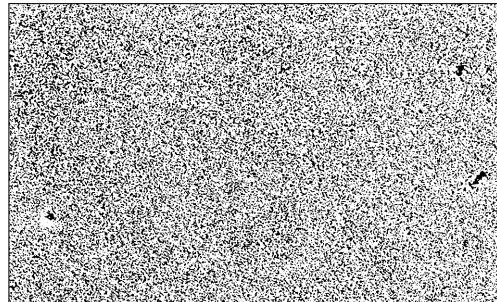
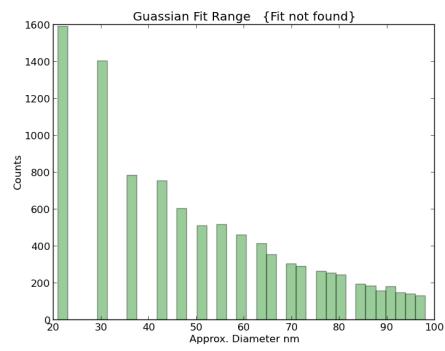
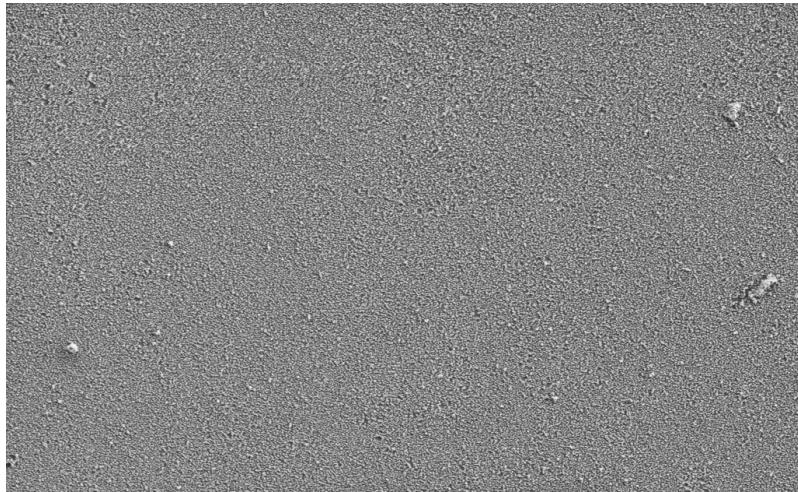
f1_b1_15k21_high



f1_b1_15k21_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **24.28** corr coverage: **84.39** hex fillfrac: **17.91** man-adjustment: **Yes**

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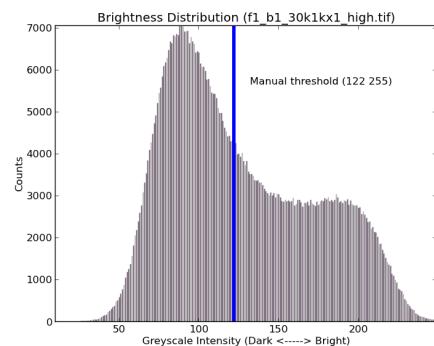
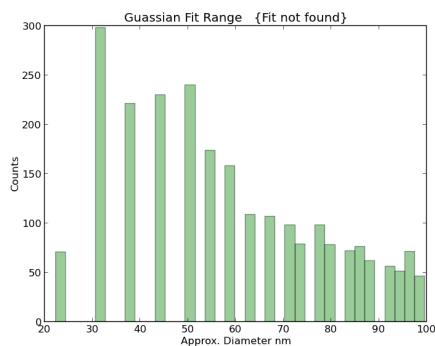
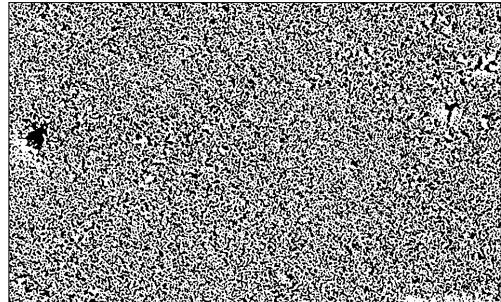
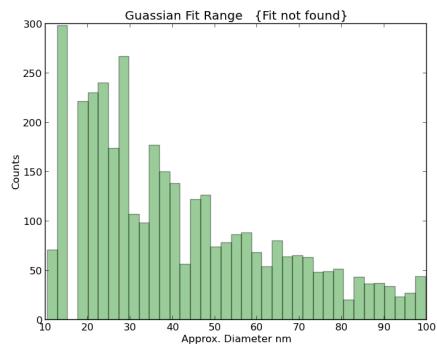
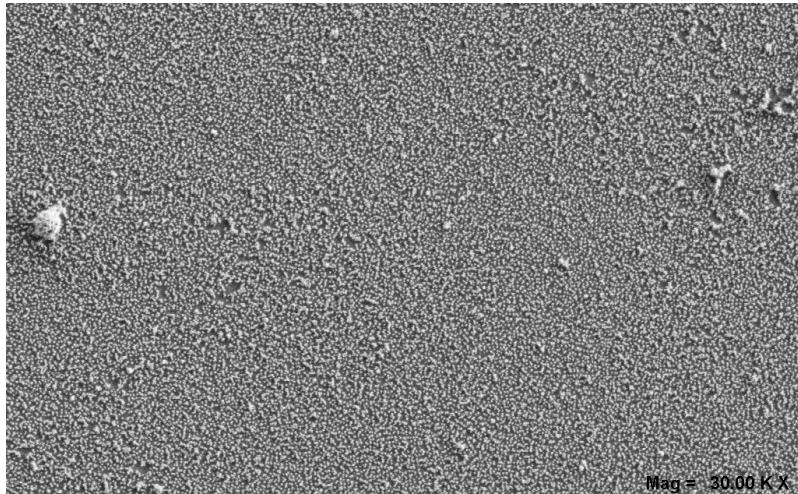
f1_b1_15k21_low



f1_b1_15k21_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **29.57** corr coverage: **102.78** hex fillfrac: **16.76** man-adjustment: **Yes**

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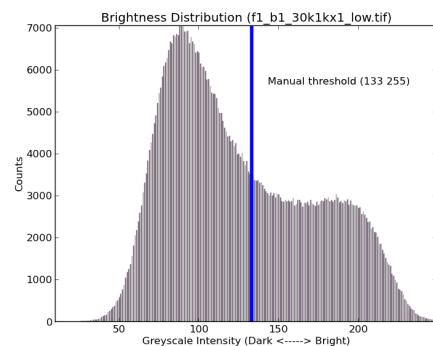
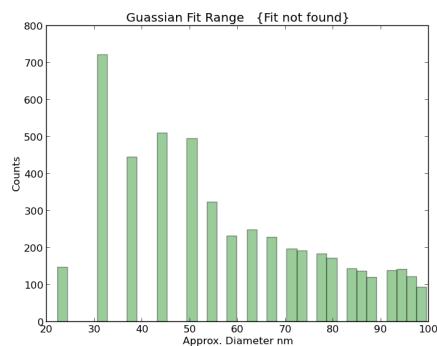
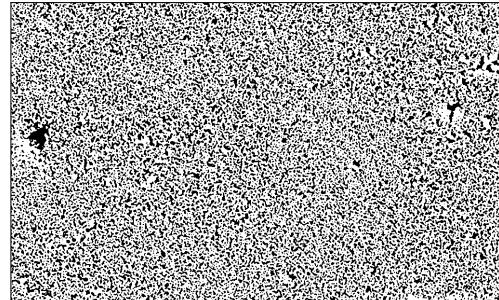
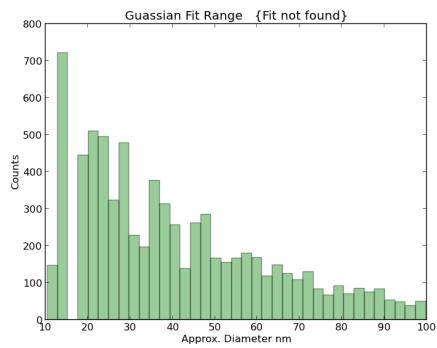
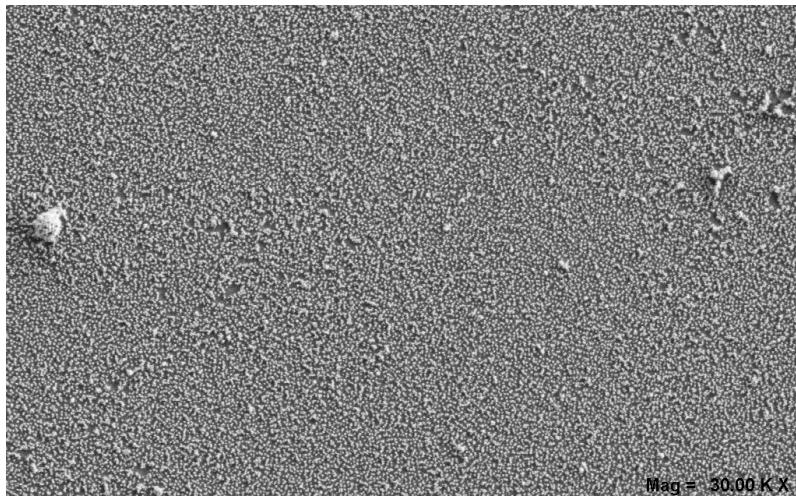
f1_b1_30k1kx1_high



f1_b1_30k1kx1_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **43.56** corr coverage: **220.69** hex fillfrac: **10.87** man-adjustment: **Yes**

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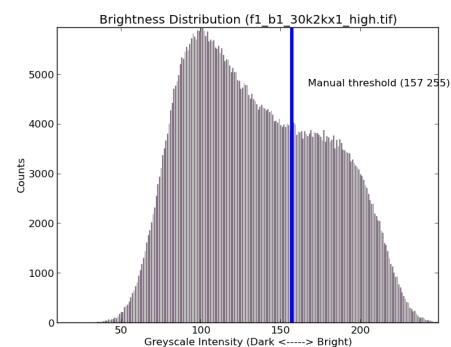
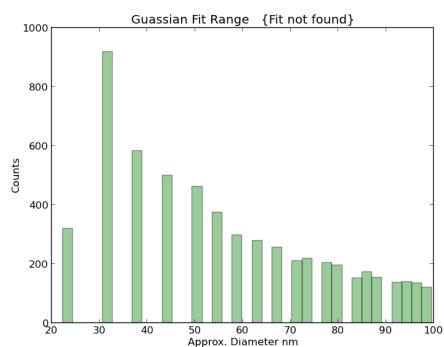
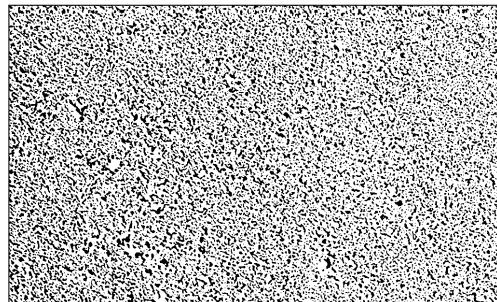
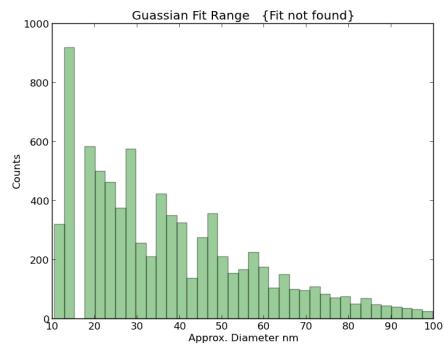
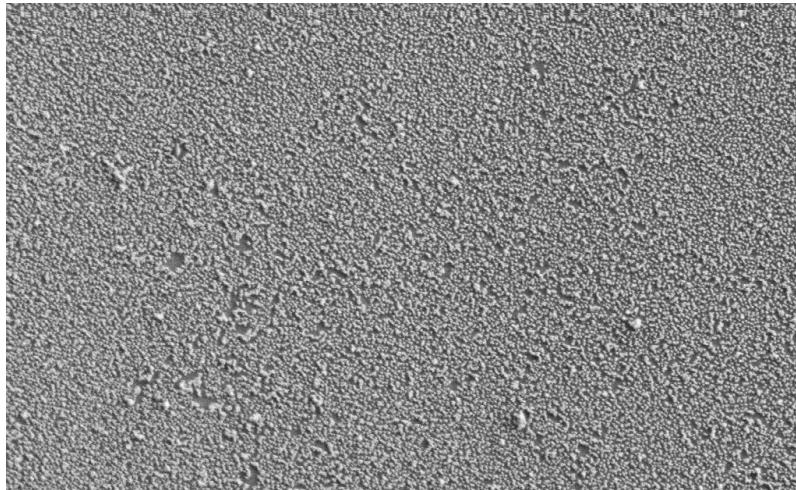
f1_b1_30k1kx1_low



f1_b1_30k1kx1_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **34.42** corr coverage: **174.38** hex fillfrac: **18.34** man-adjustment: **Yes**

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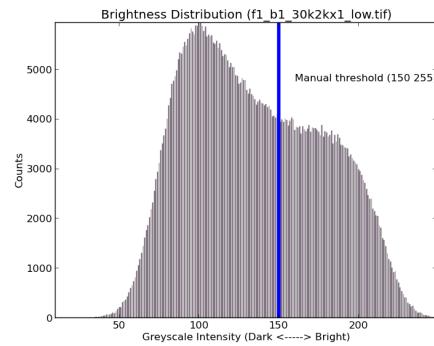
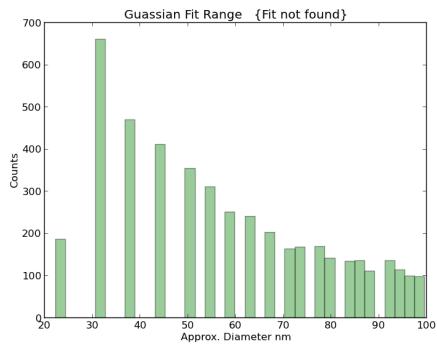
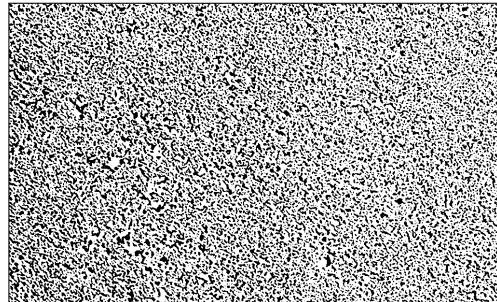
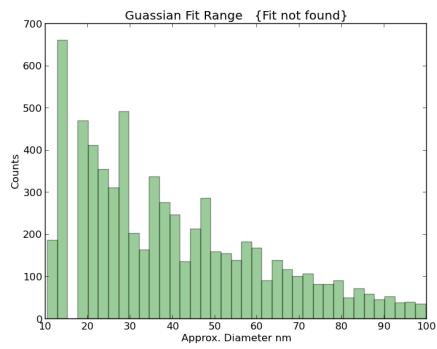
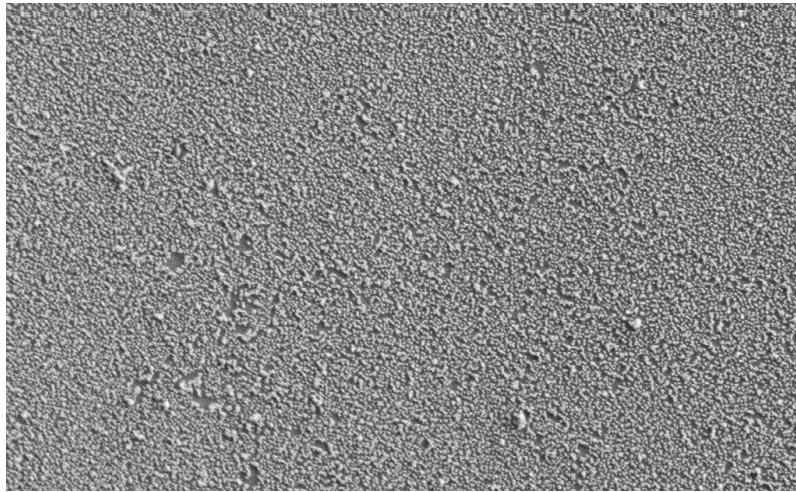
f1_b1_30k2kx1_high



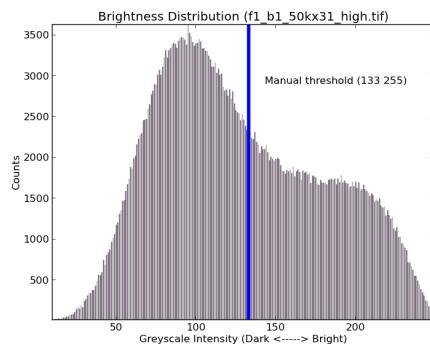
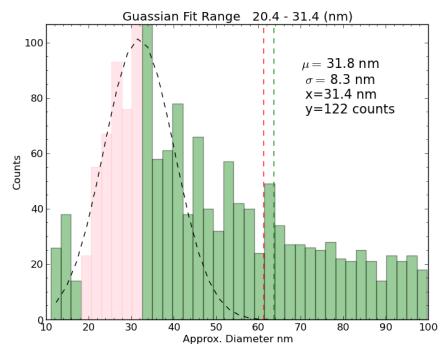
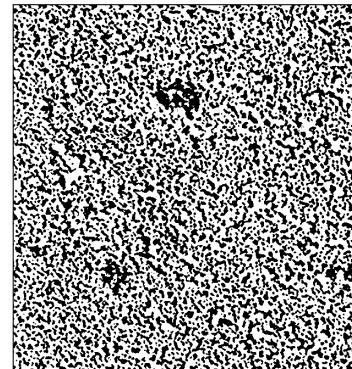
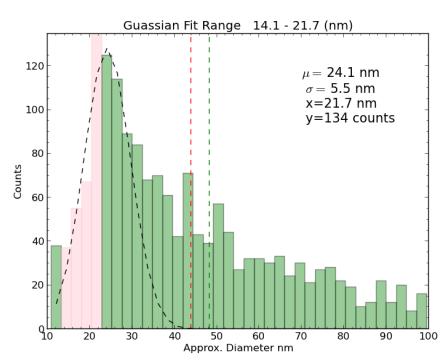
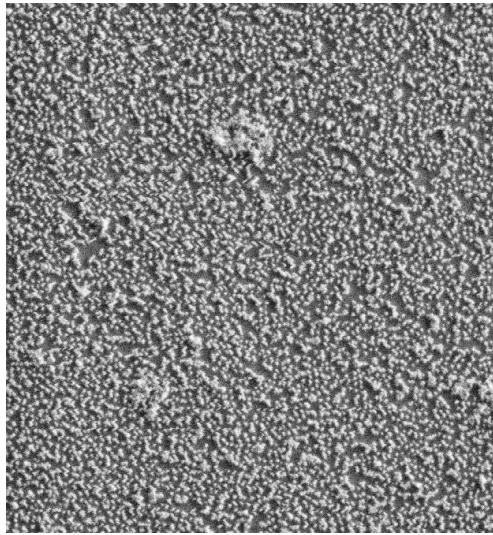
f1_b1_30k2kx1_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **27.13** corr coverage: **137.48** hex fillfrac: **18.06** man-adjustment: **Yes**

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f1_b1_30k2kx1_low



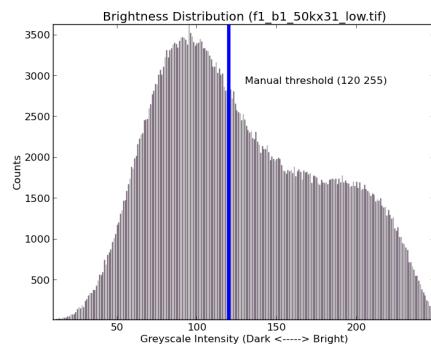
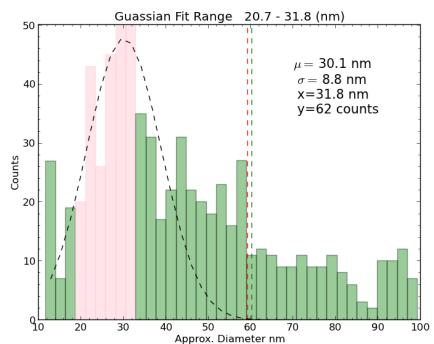
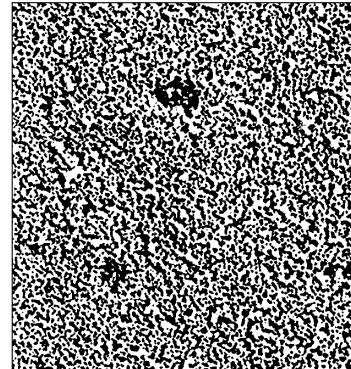
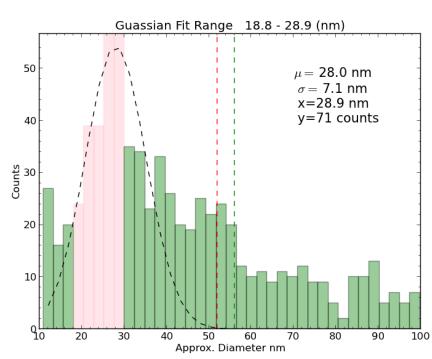
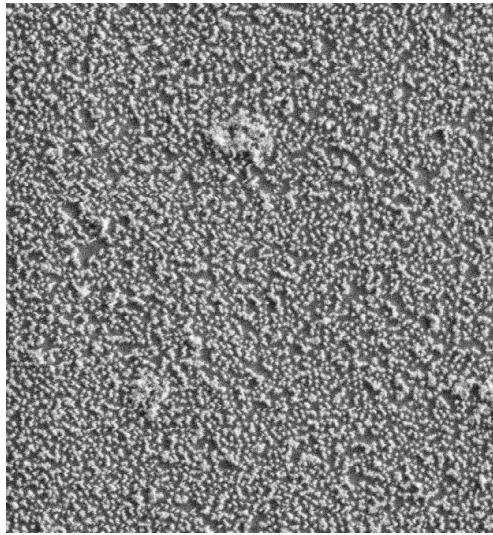
f1_b1_30k2kx1_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **32.69** corr coverage: **165.64** hex fillfrac: **16.8** man-adjustment: **Yes**



f1_b1_50kx31_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **40.28** corr coverage: **70.01** hex fillfrac: **32.78** man-adjustment: **Yes**

aug_13_12

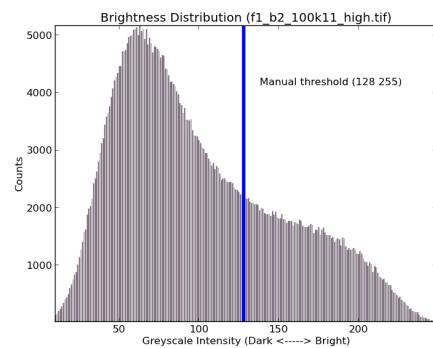
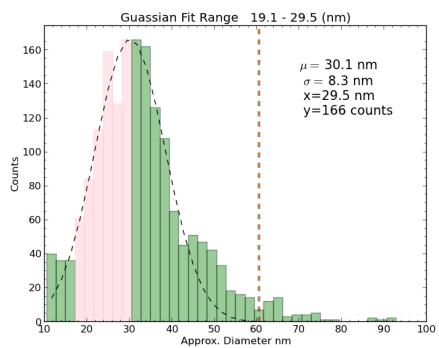
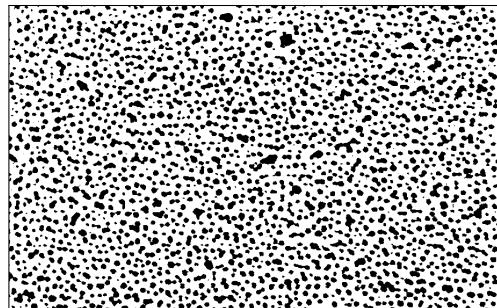
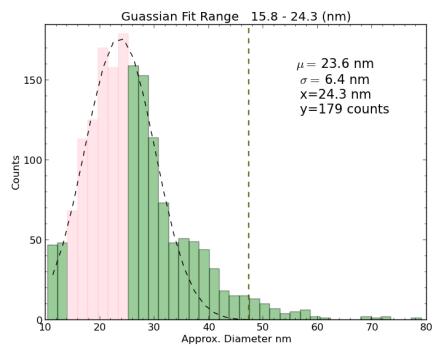
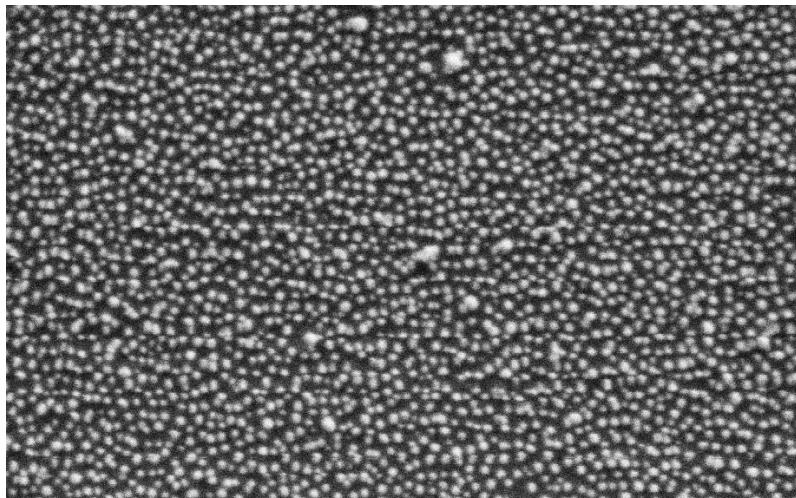
f1_b1_50kx31_low



f1_b1_50kx31_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **49.15** corr coverage: **56.85** hex fillfrac: **20.33** man-adjustment: **Yes**

aug_13_12

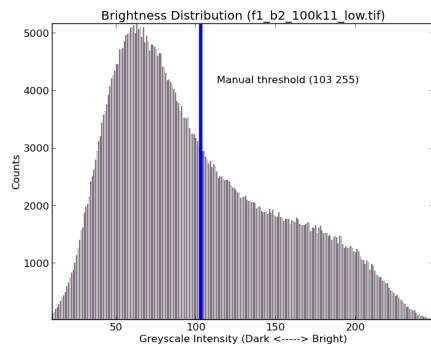
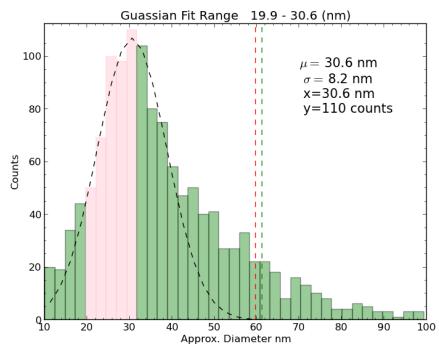
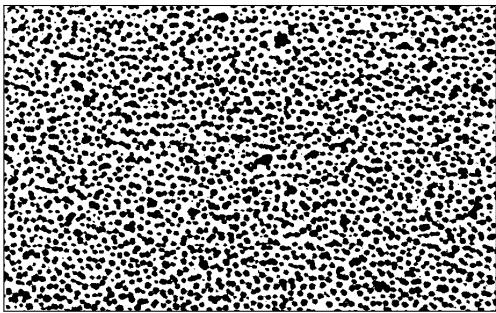
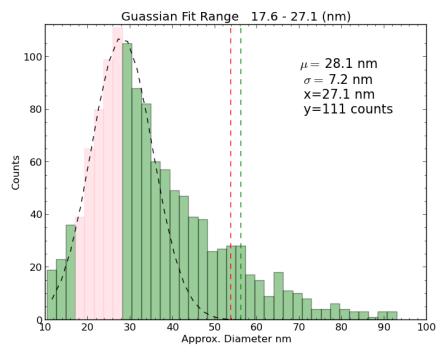
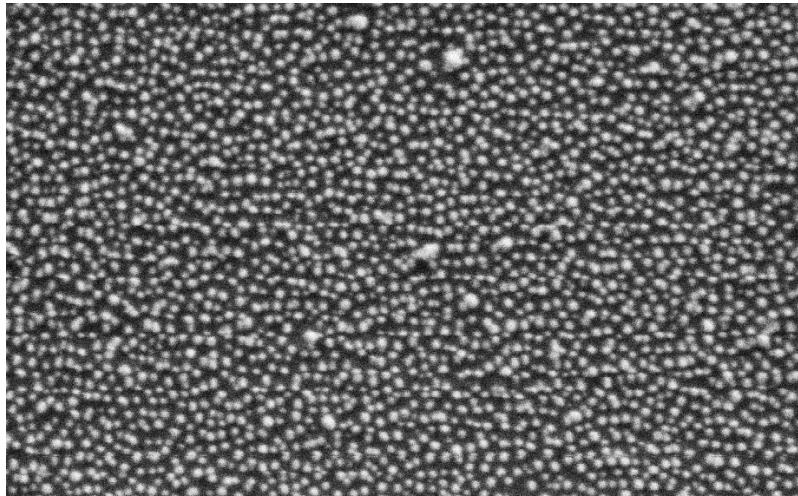
f1_b2_100k11_high



f1_b2_100k11_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **26.94** corr coverage: **43.82** hex fillfrac: **30.27** man-adjustment: **Yes**

aug_13_12

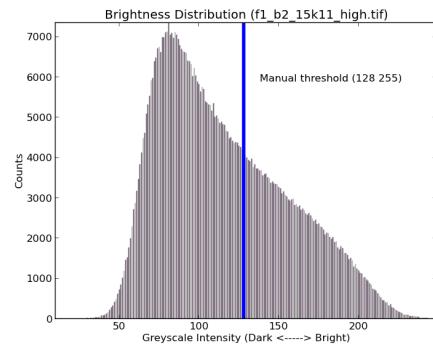
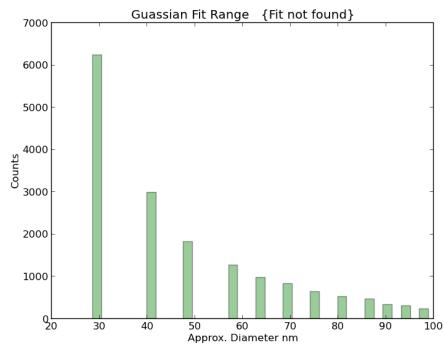
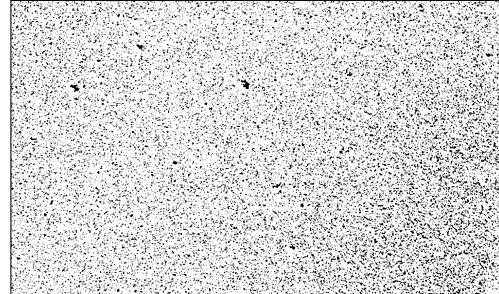
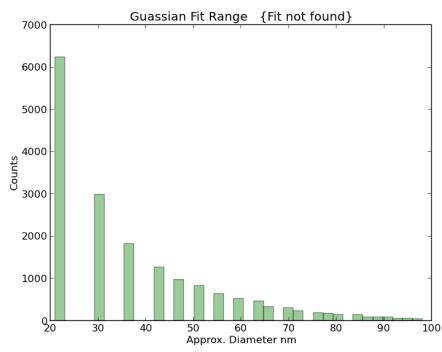
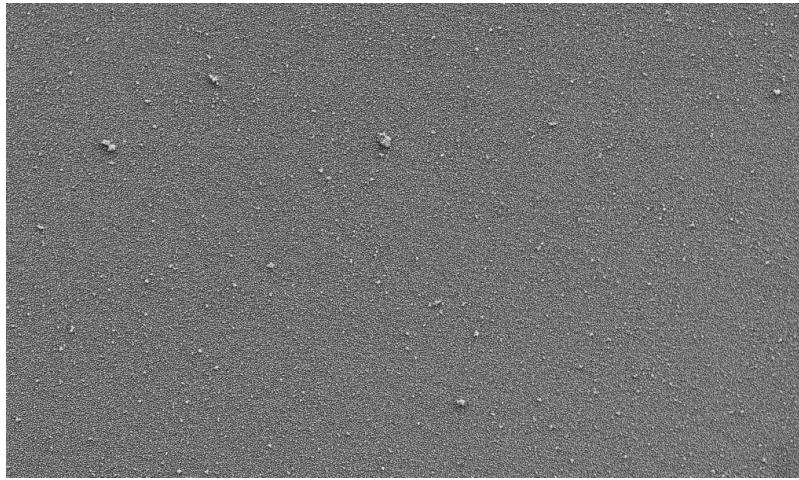
f1_b2_100k11_low



f1_b2_100k11_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **39.31** corr coverage: **46.75** hex fillfrac: **42.83** man-adjustment: **Yes**

aug_13_12

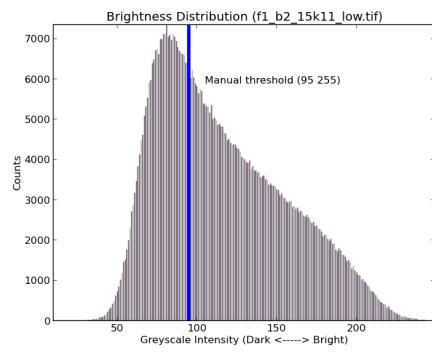
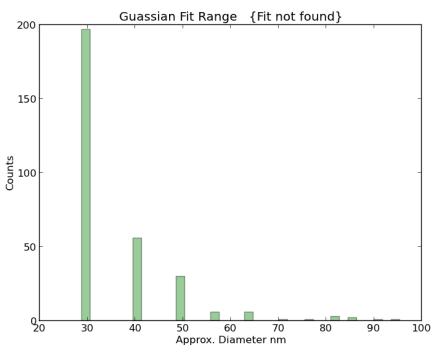
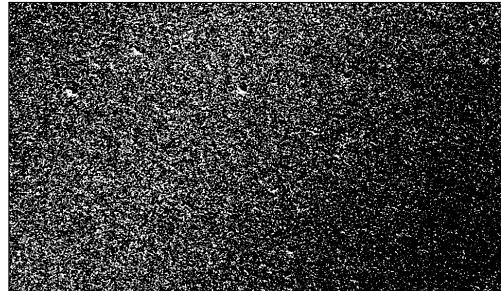
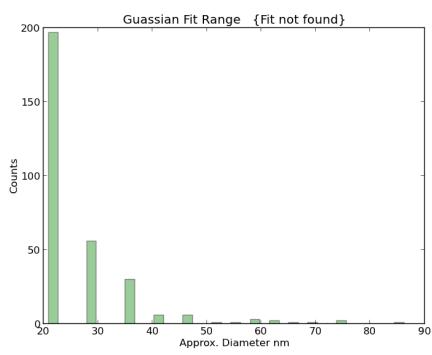
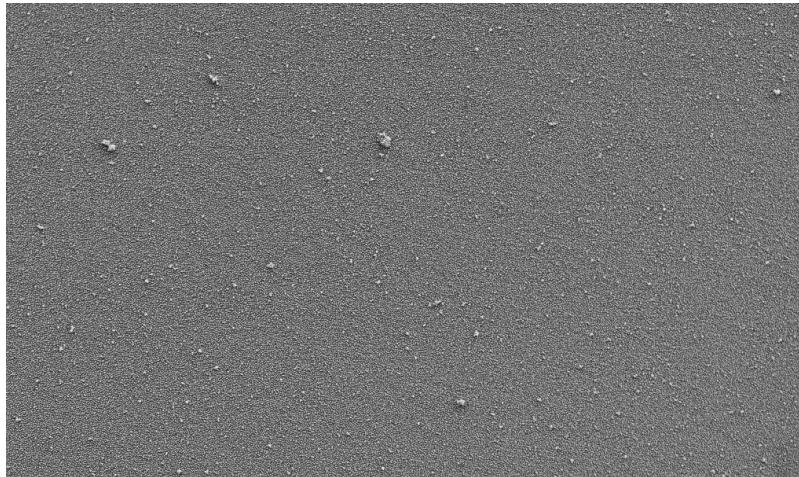
f1_b2_15k11_high



f1_b2_15k11_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **14.05** corr coverage: **48.82** hex fillfrac: **13.89** man-adjustment: **Yes**

aug_13_12

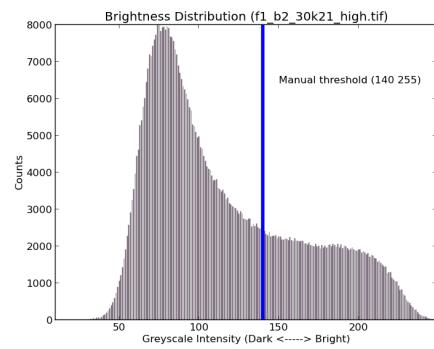
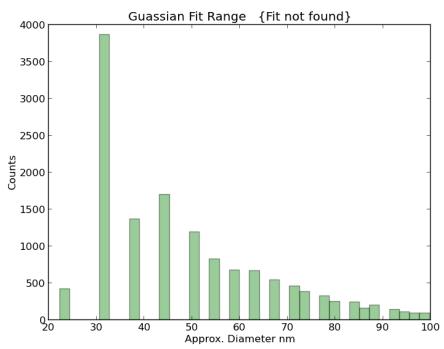
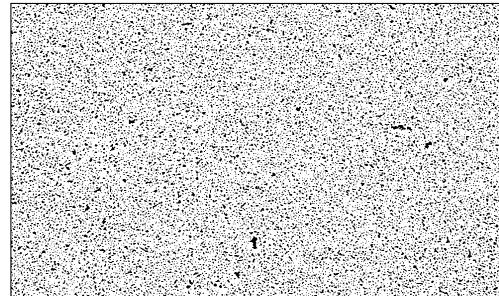
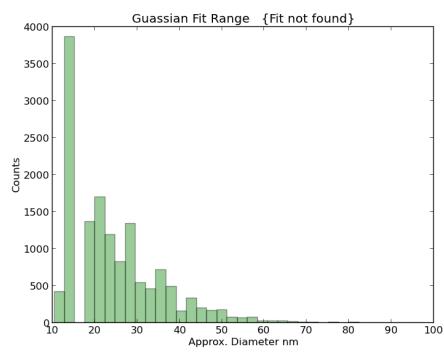
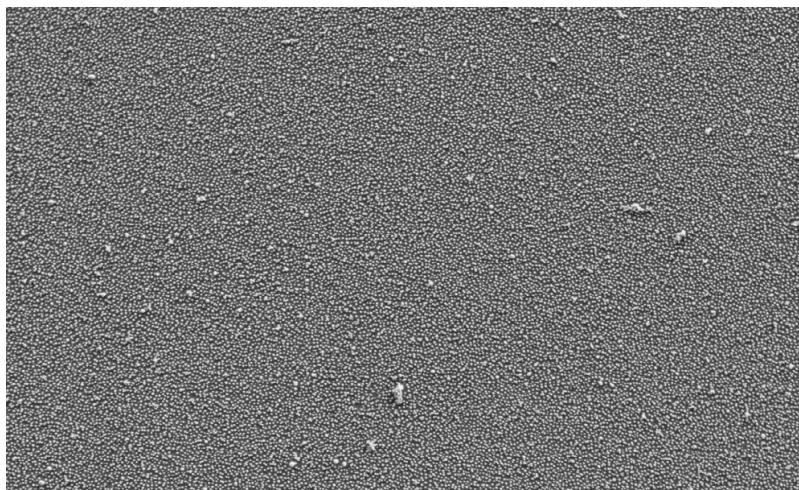
f1_b2_15k11_low



f1_b2_15k11_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **78.1** corr coverage: **269.49** hex fillfrac: **0.11** man-adjustment: **Yes**

aug_13_12

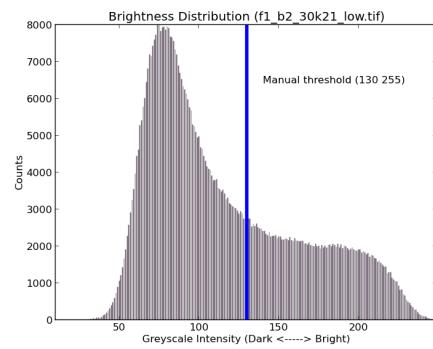
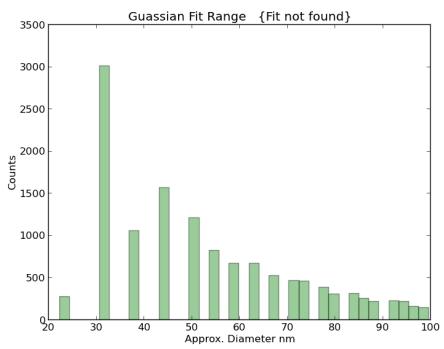
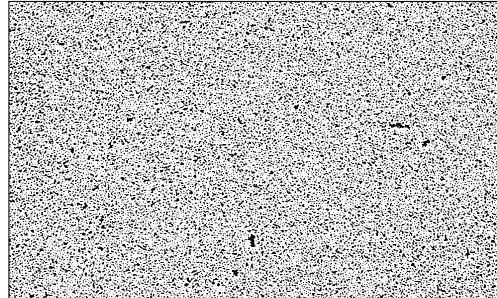
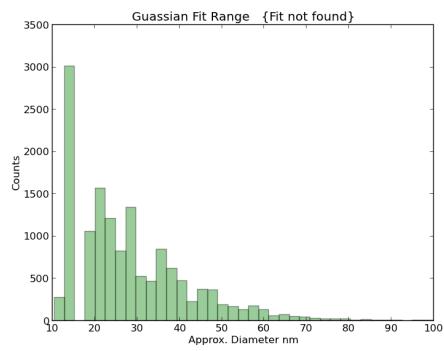
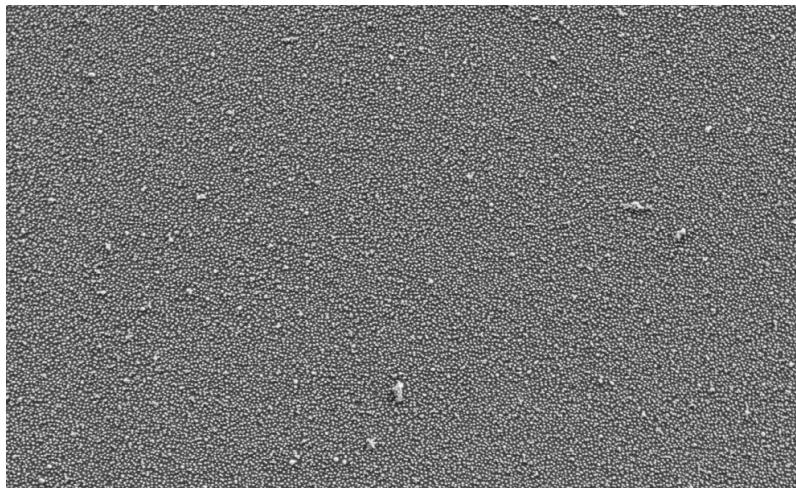
f1_b2_30k21_high



f1_b2_30k21_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **16.47** corr coverage: **83.98** hex fillfrac: **17.35** man-adjustment: **Yes**

aug_13_12

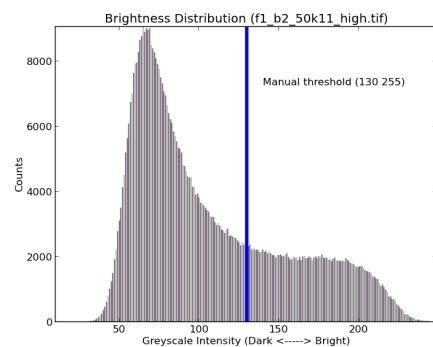
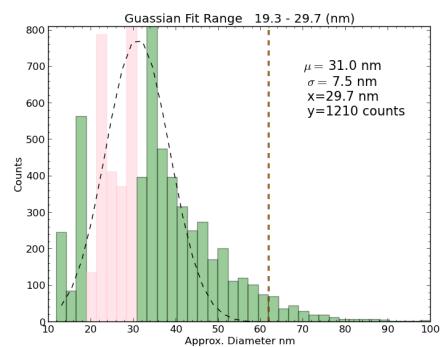
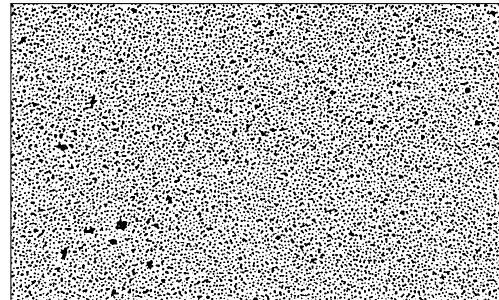
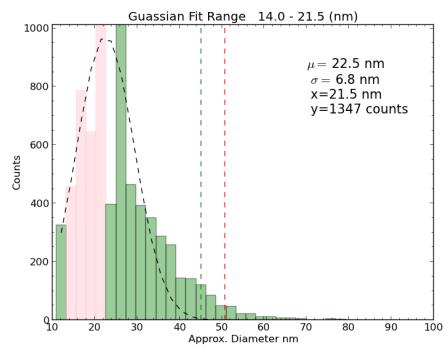
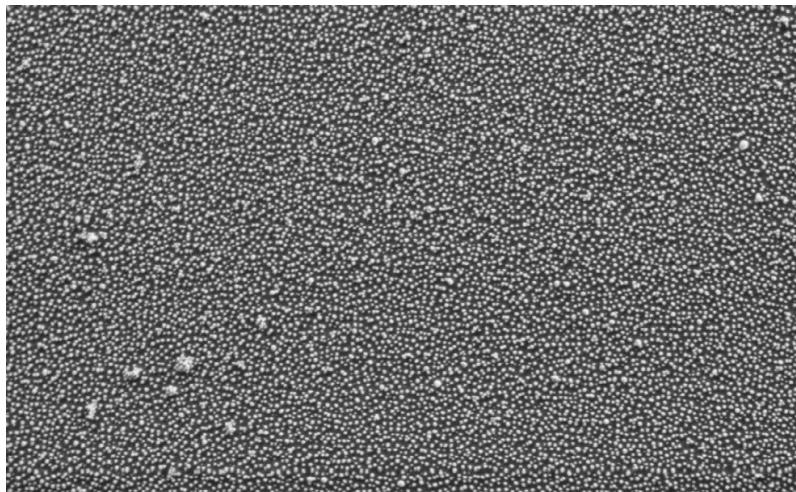
f1_b2_30k21_low



f1_b2_30k21_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **22.48** corr coverage: **113.89** hex fillfrac: **22.81** man-adjustment: **Yes**

aug_13_12

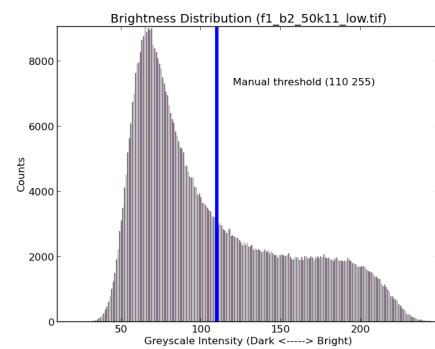
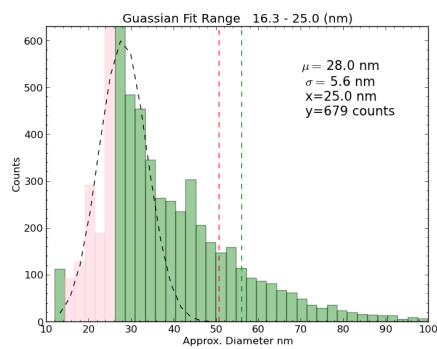
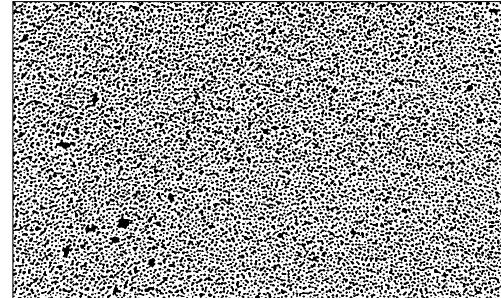
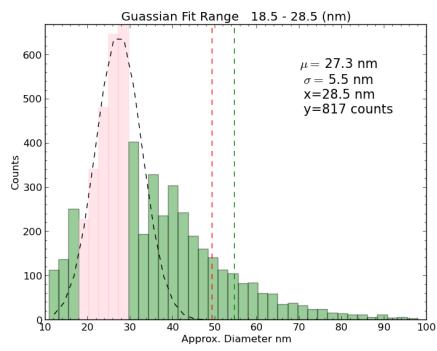
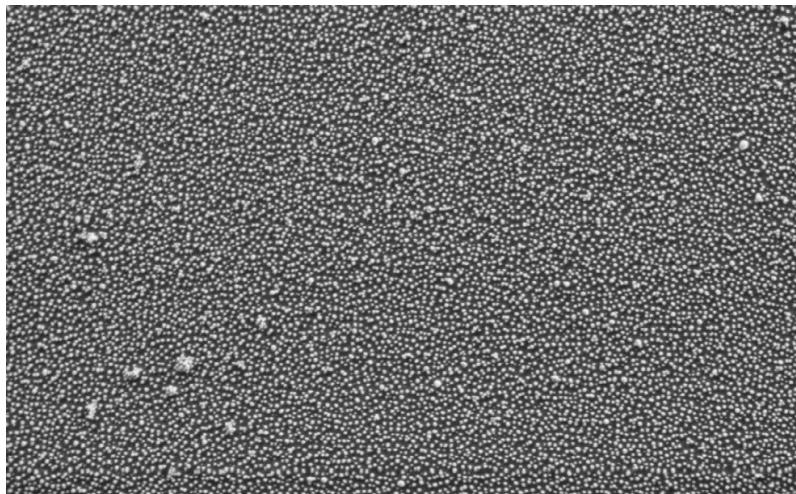
f1_b2_50k11_high



f1_b2_50k11_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **25.48** corr coverage: **48.23** hex fillfrac: **28.29** man-adjustment: **Yes**

aug_13_12

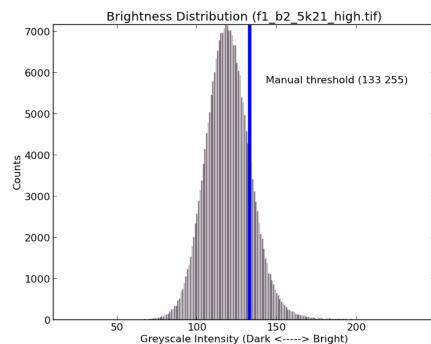
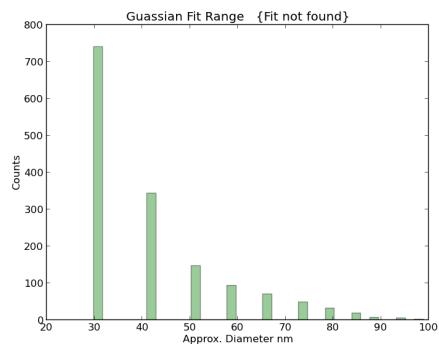
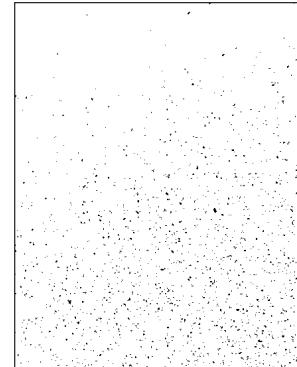
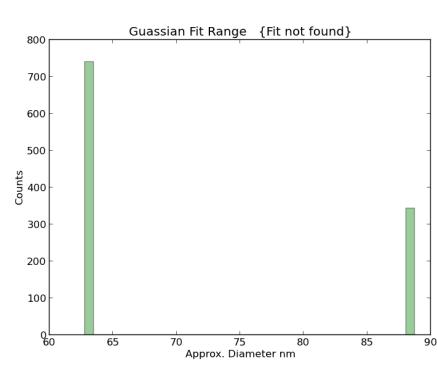
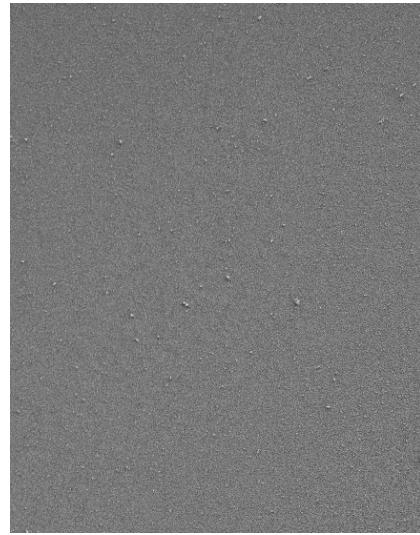
f1_b2_50k11_low



f1_b2_50k11_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **35.65** corr coverage: **37.43** hex fillfrac: **38.11** man-adjustment: **Yes**

aug_13_12

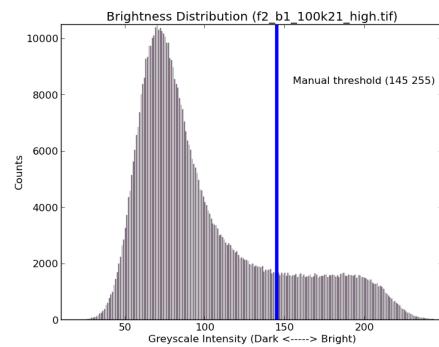
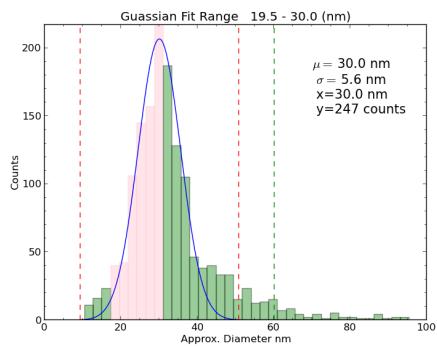
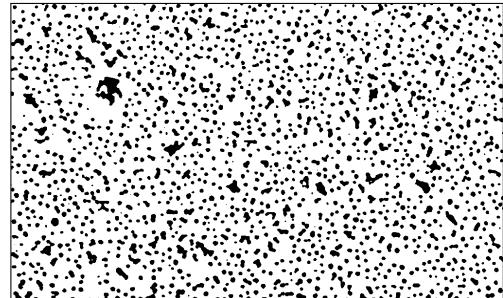
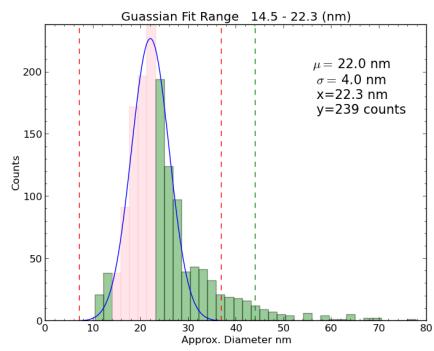
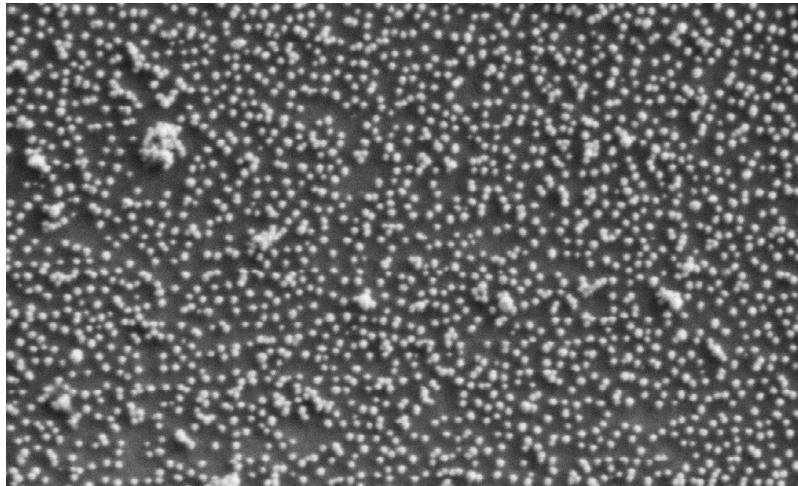
f1_b2_5k21_high



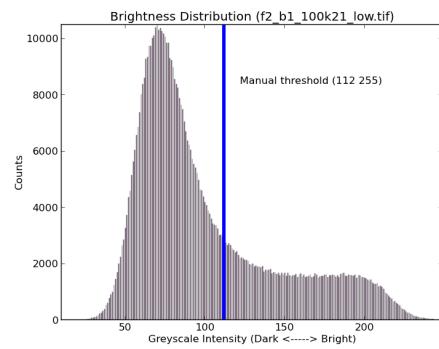
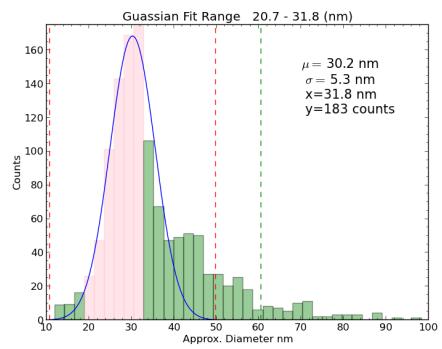
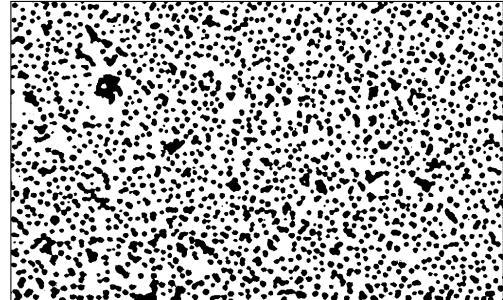
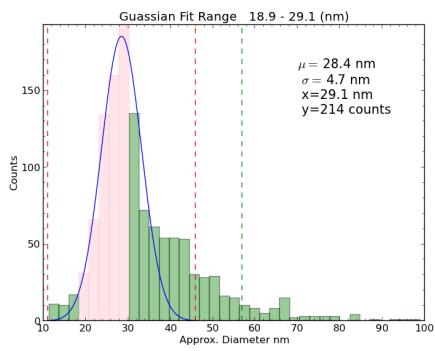
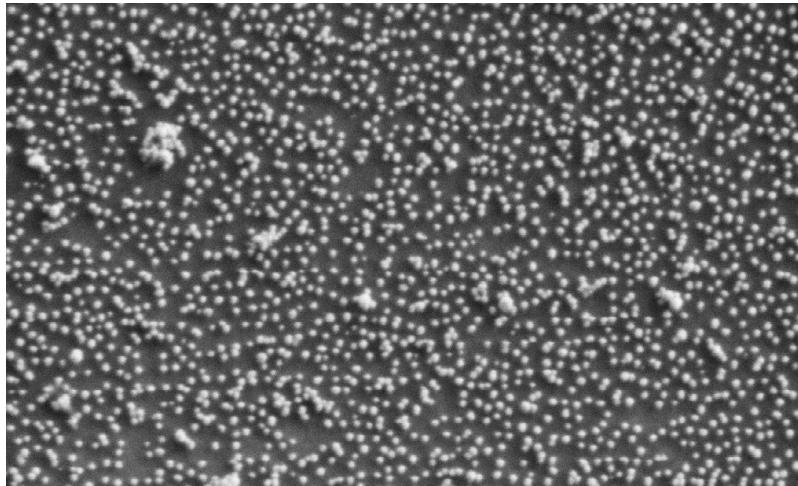
f1_b2_5k21_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **1.5** corr coverage: **0.66** hex fillfrac: **1.58** man-adjustment: **Yes**

aug_13_12

f2_b1_100k21_high



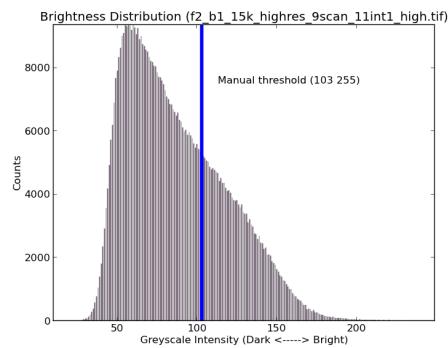
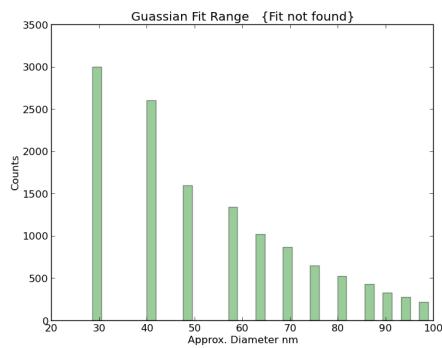
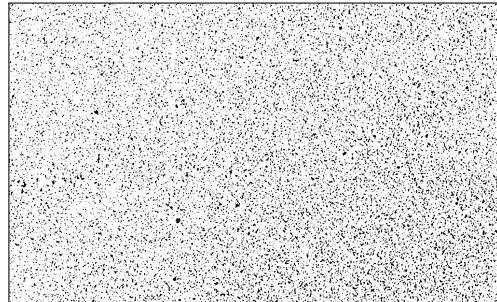
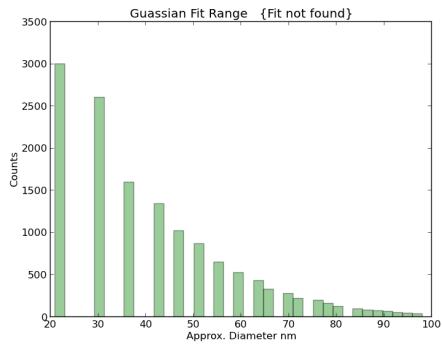
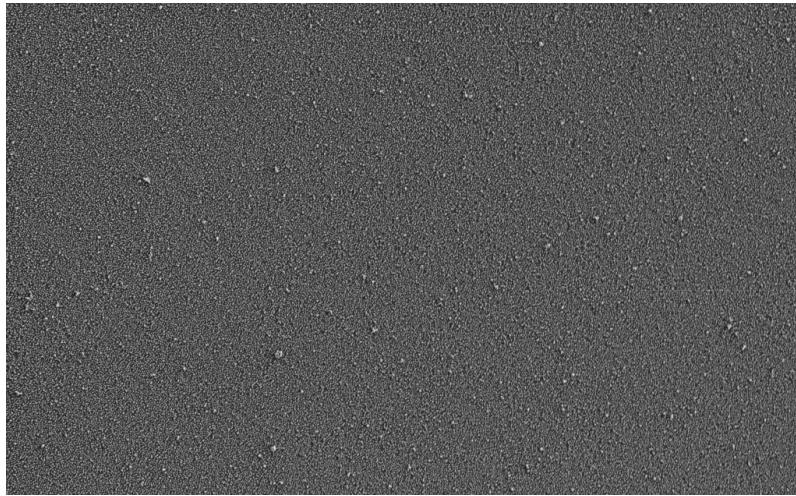
f2_b1_100k21_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **17.65** corr coverage: **32.89** hex fillfrac: **19.86** man-adjustment: **Yes**



f2_b1_100k21_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **28.86** corr coverage: **32.68** hex fillfrac: **29.8** man-adjustment: **Yes**

aug_13_12

f2_b1_15k_highres_9scan_11int1_high

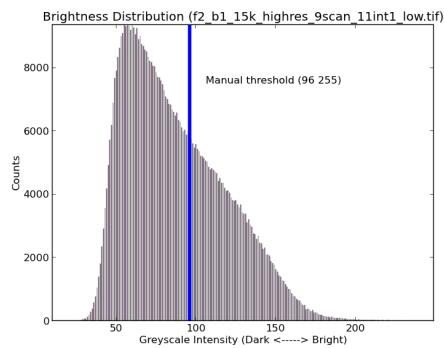
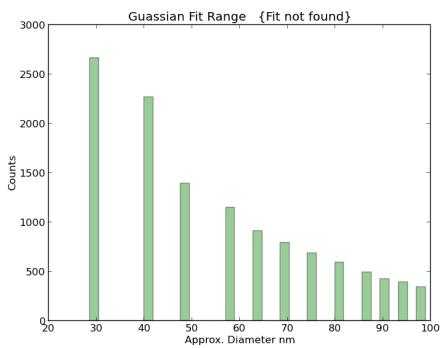
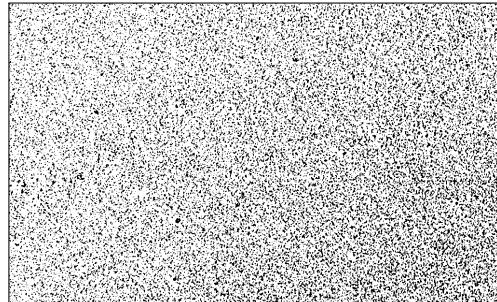
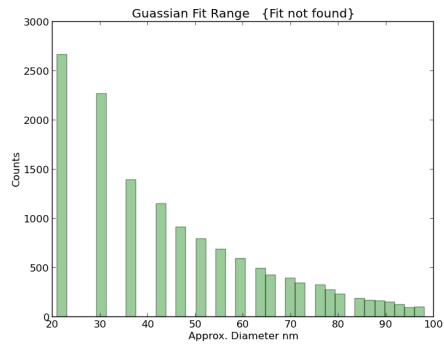
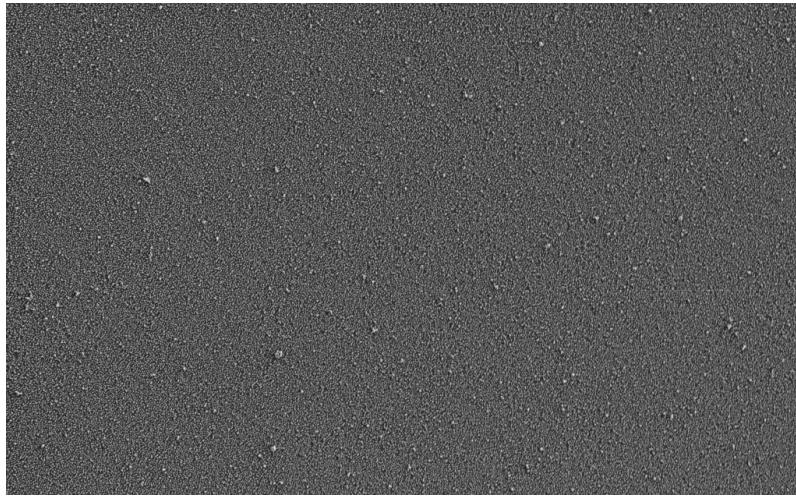


f2_b1_15k_highres_9scan_11int1_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.

Cropped: **True** BW coverage: **11.34** corr coverage: **39.42** hex fillfrac: **11.73** man-adjustment: **Yes**

aug_13_12

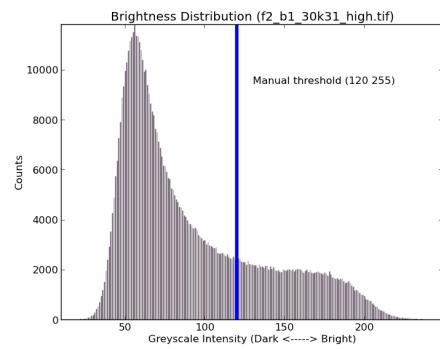
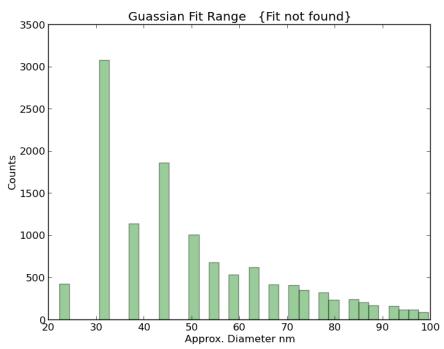
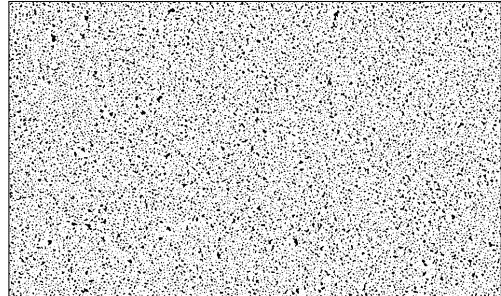
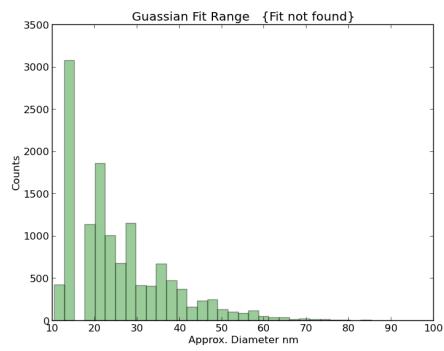
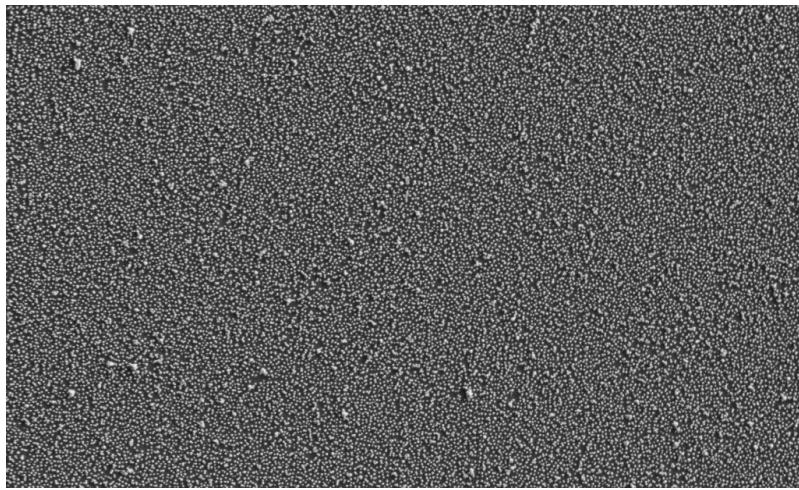
f2_b1_15k_highres_9scan_11int1_low



f2_b1_15k_highres_9scan_11int1_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **20.31** corr coverage: **70.57** hex fillfrac: **16.72** man-adjustment: **Yes**

aug_13_12

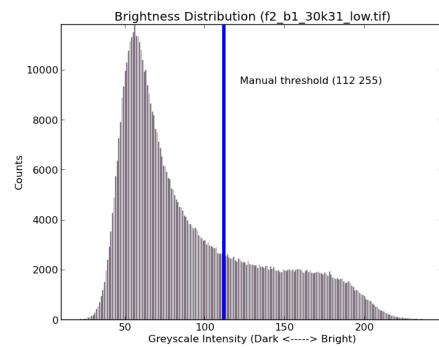
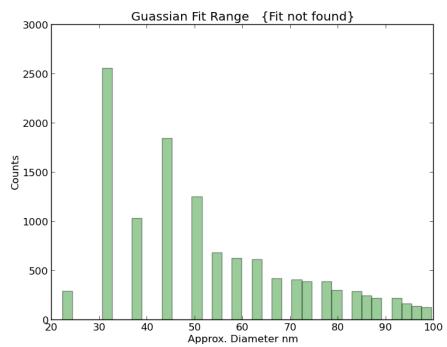
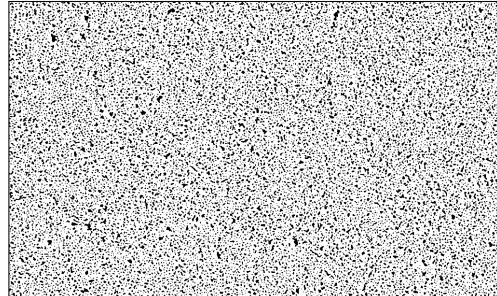
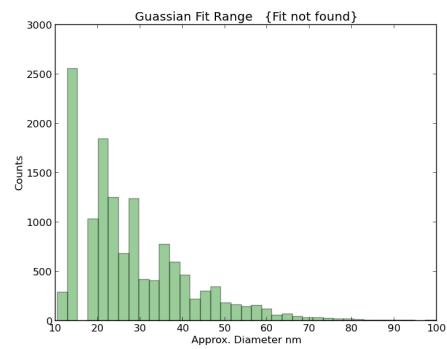
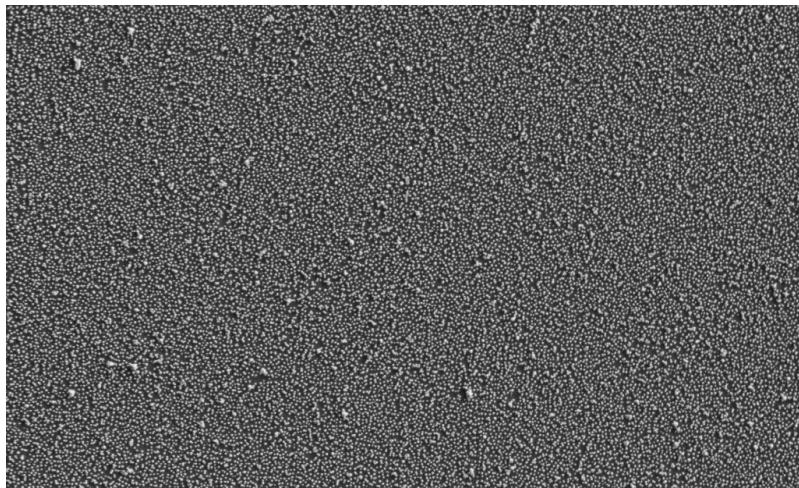
f2_b1_30k31_high



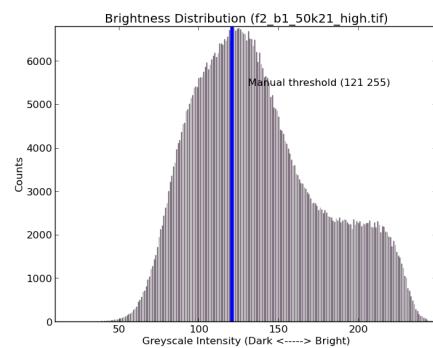
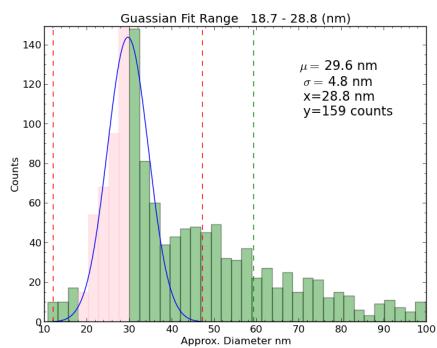
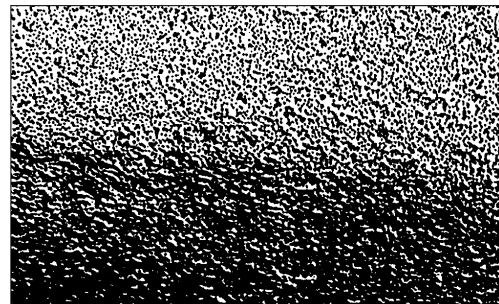
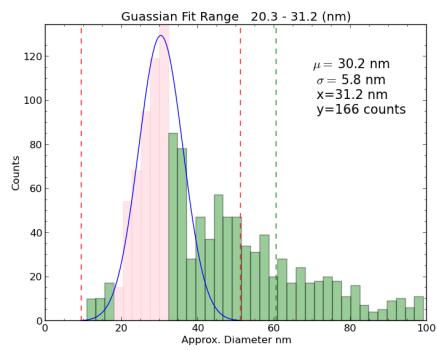
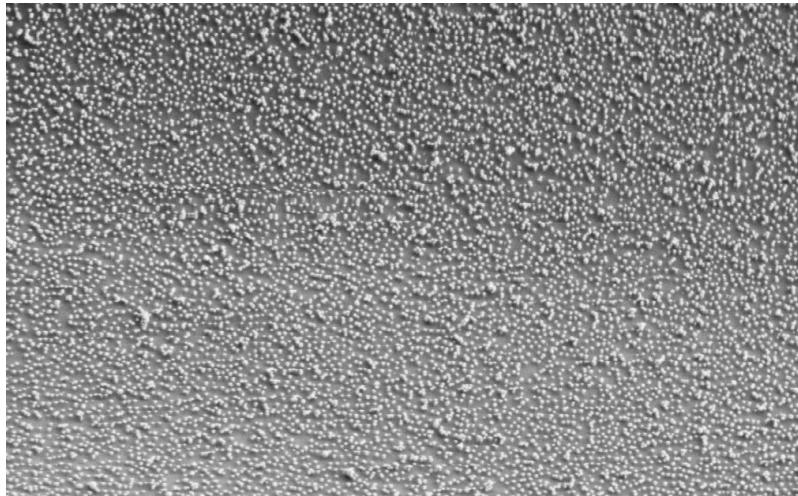
f2_b1_30k31_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **15.64** corr coverage: **79.23** hex fillfrac: **16.3** man-adjustment: **Yes**

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f2_b1_30k31_low



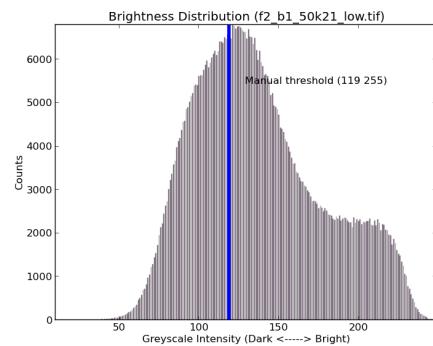
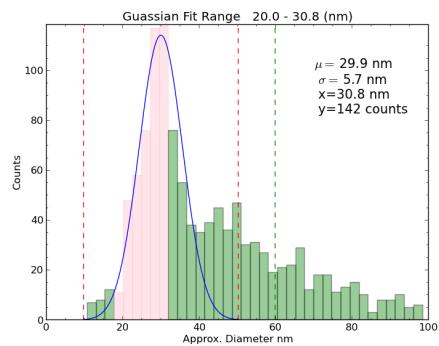
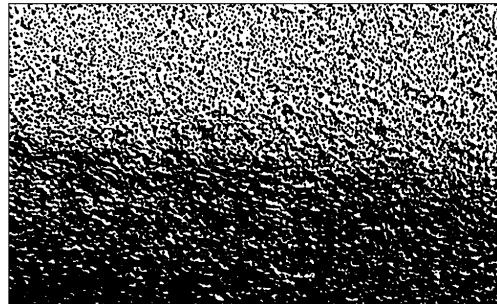
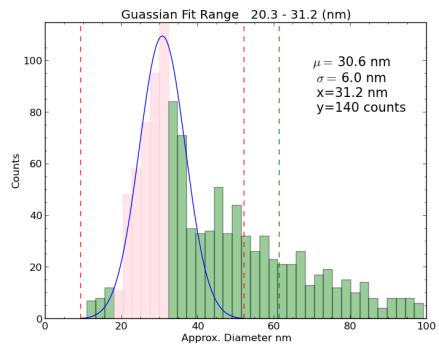
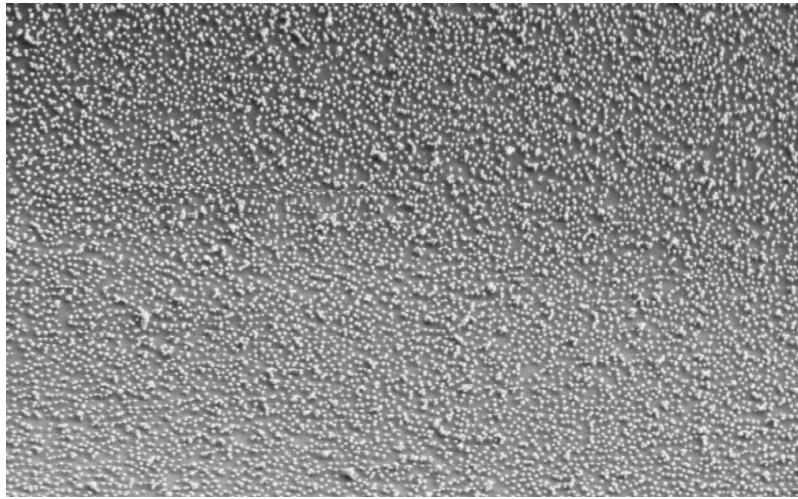
f2_b1_30k31_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **19.61** corr coverage: **99.37** hex fillfrac: **19.96** man-adjustment: **Yes**



f2_b1_50k21_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **62.59** corr coverage: **60.04** hex fillfrac: **16.65** man-adjustment: **Yes**

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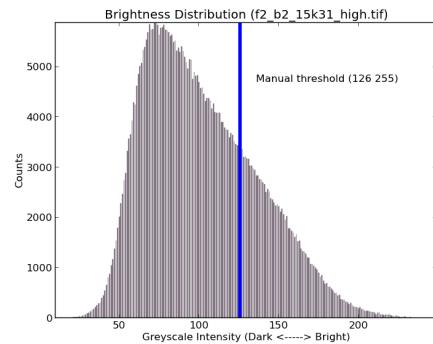
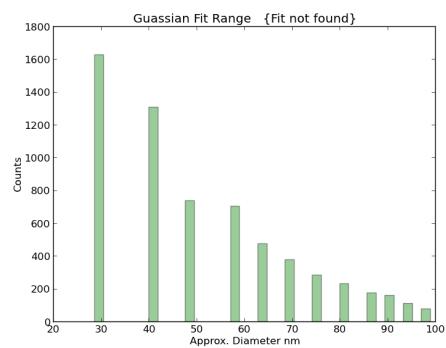
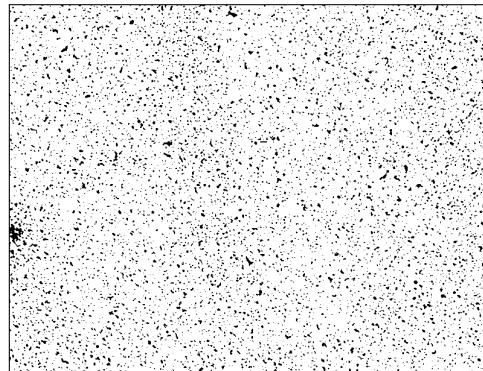
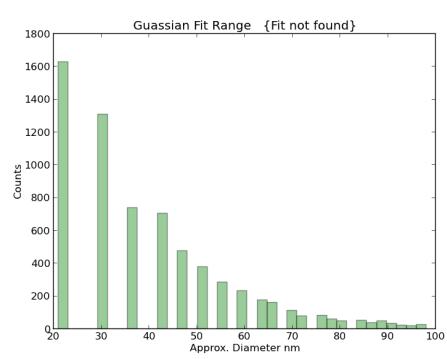
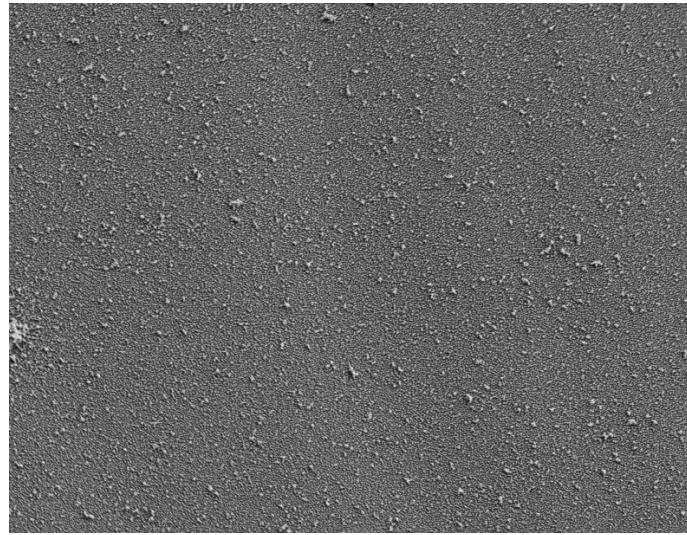
f2_b1_50k21_low



f2_b1_50k21_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **64.77** corr coverage: **61.65** hex fillfrac: **15.43** man-adjustment: **Yes**

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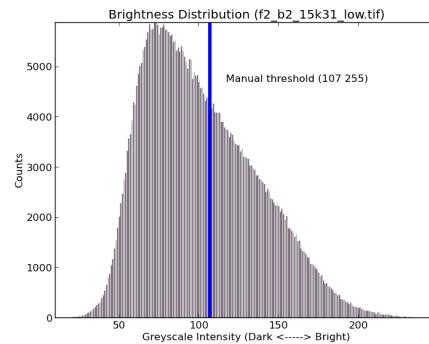
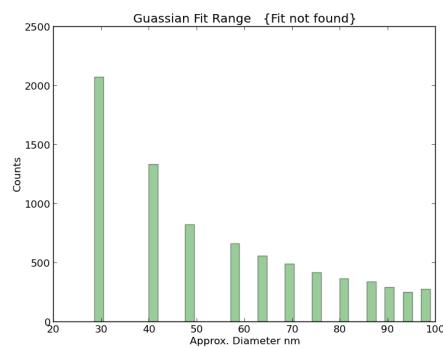
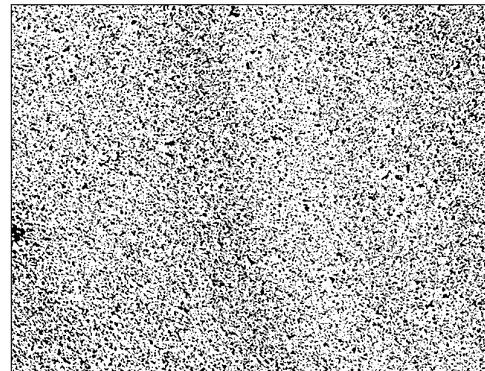
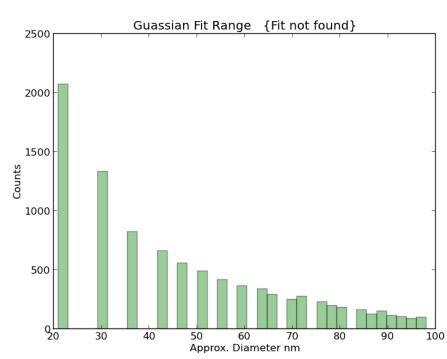
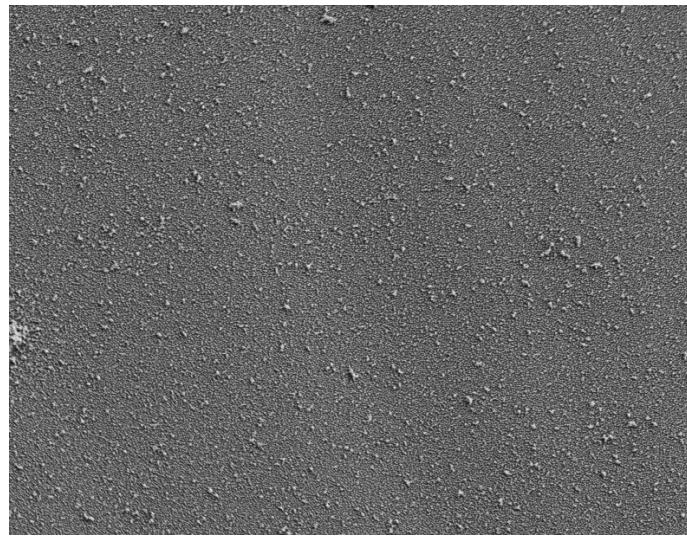
f2_b2_15k31_high



f2_b2_15k31_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **7.38** corr coverage: **25.66** hex fillfrac: **7.28** man-adjustment: **Yes**

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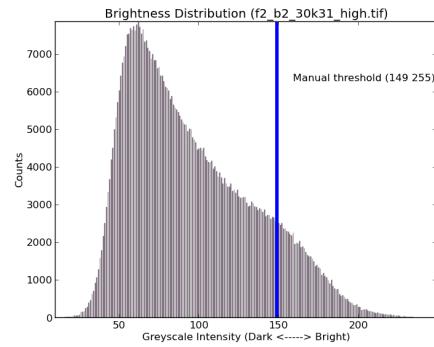
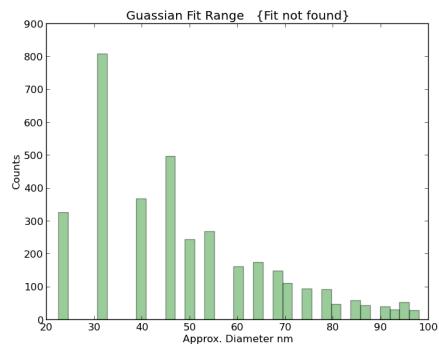
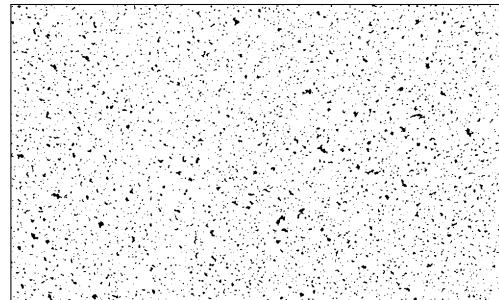
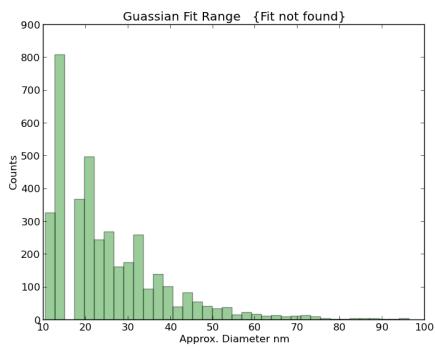
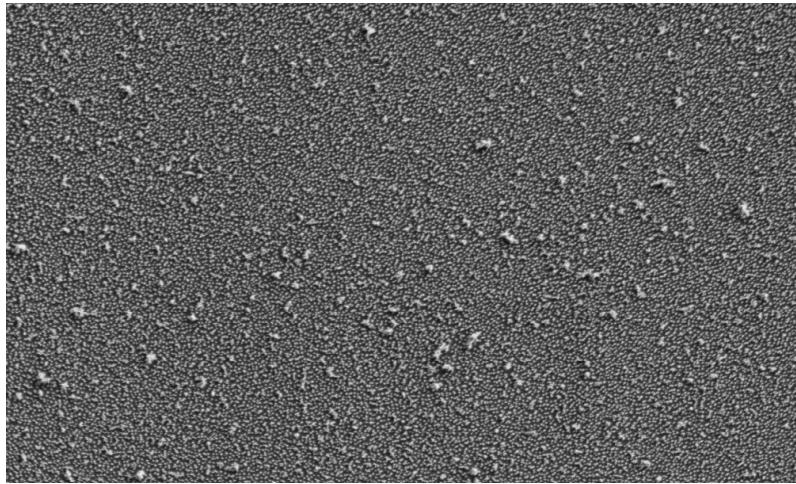
f2_b2_15k31_low



f2_b2_15k31_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **26.67** corr coverage: **92.68** hex fillfrac: **17.4** man-adjustment: **Yes**

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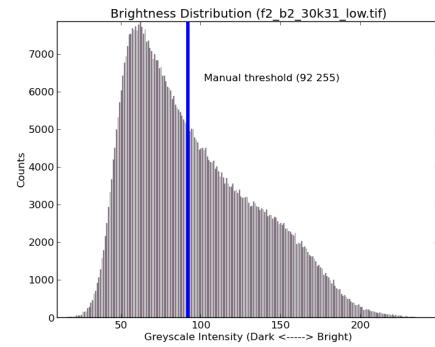
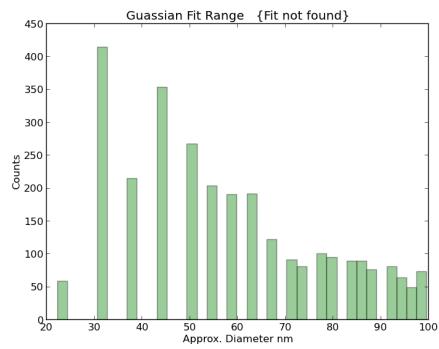
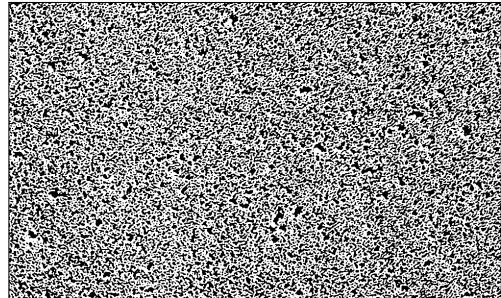
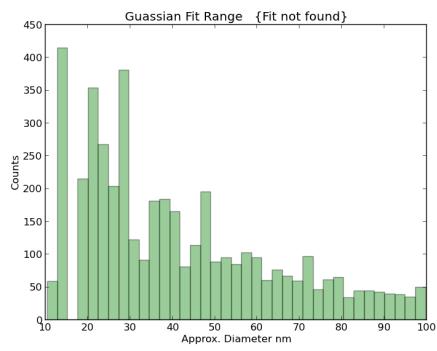
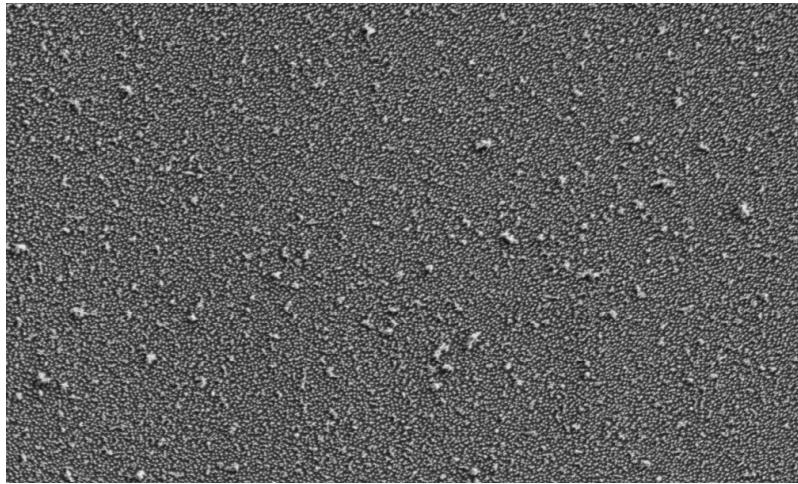
f2_b2_30k31_high



f2_b2_30k31_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **5.03** corr coverage: **25.98** hex fillfrac: **4.78** man-adjustment: **Yes**

aug_13_12

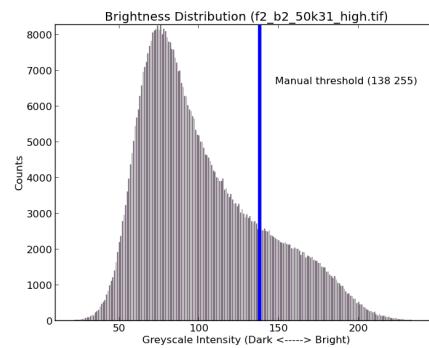
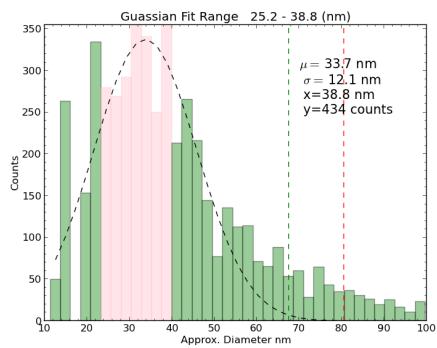
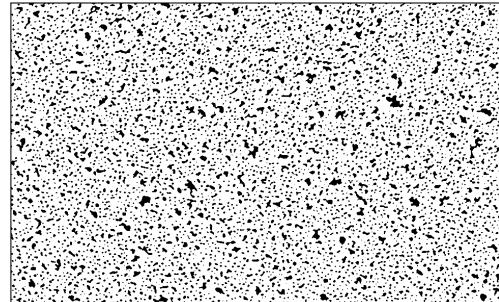
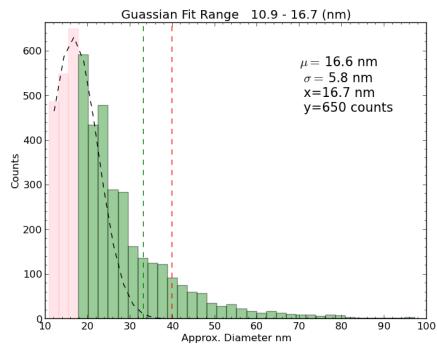
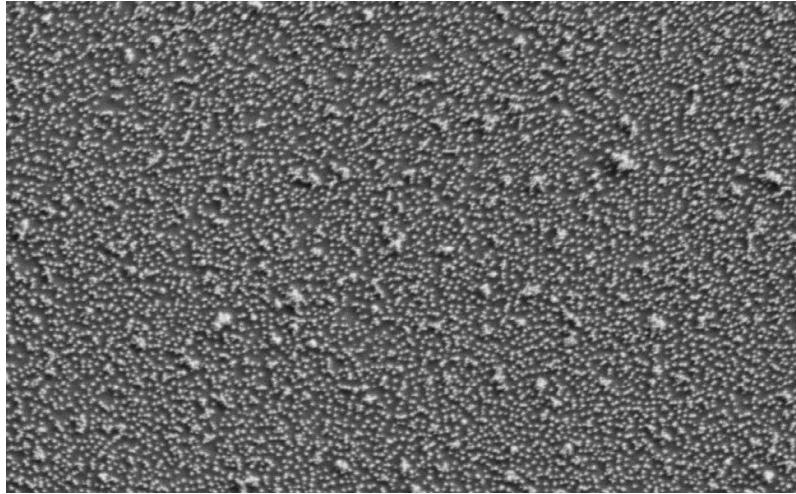
f2_b2_30k31_low



f2_b2_30k31_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **43.41** corr coverage: **219.96** hex fillfrac: **12.93** man-adjustment: **Yes**

aug_13_12

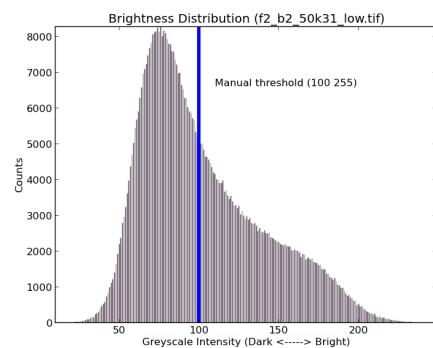
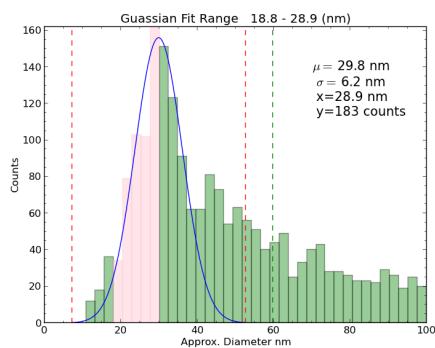
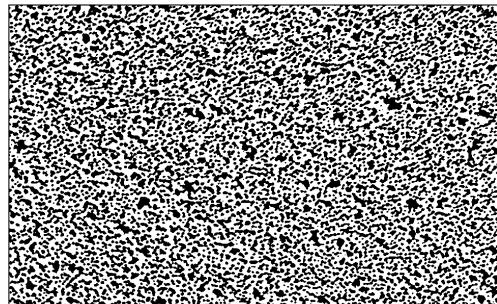
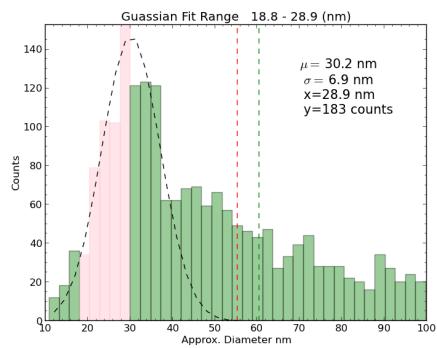
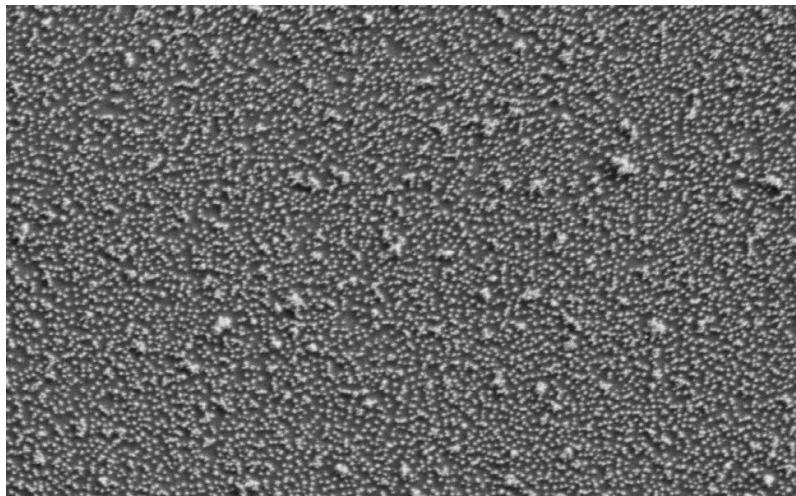
f2_b2_50k31_high



f2_b2_50k31_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **16.14** corr coverage: **66.91** hex fillfrac: **19.3** man-adjustment: **Yes**

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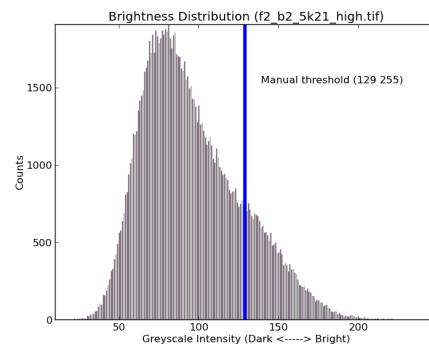
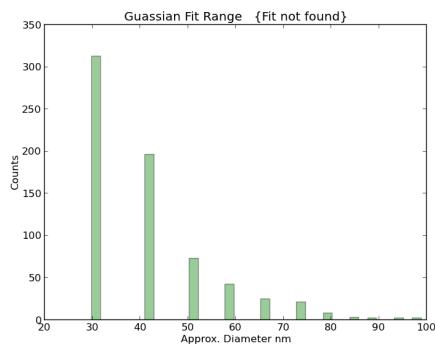
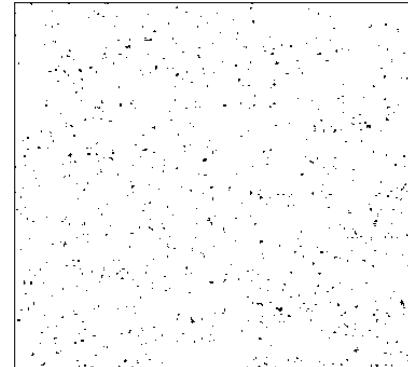
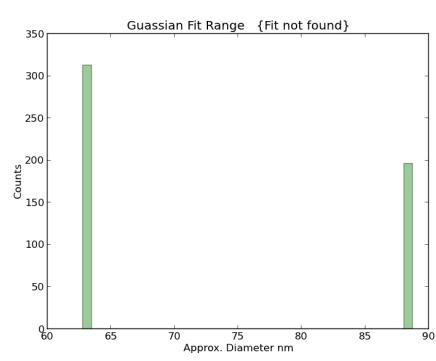
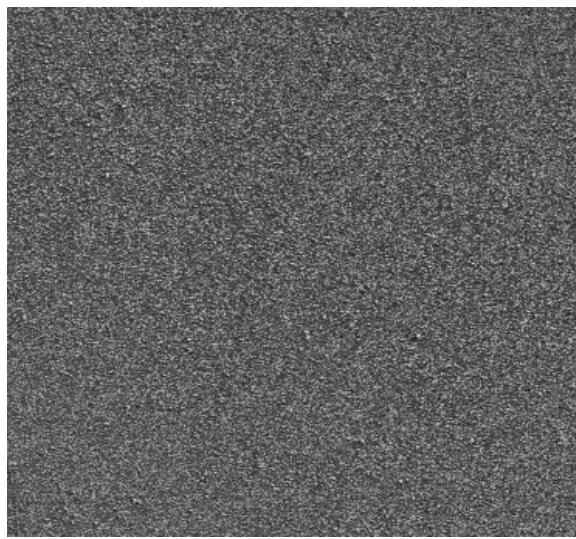
f2_b2_50k31_low



f2_b2_50k31_low: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **42.17** corr coverage: **41.2** hex fillfrac: **38.65** man-adjustment: **Yes**

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f2_b2_5k21_high



f2_b2_5k21_high: SEM image, raw (top)/size-corrected (bottom), diam histograms, binary, grayscale.
Cropped: **True** BW coverage: **1.25** corr coverage: **0.55** hex fillfrac: **1.31** man-adjustment: **Yes**