$$m_{calculated} = 21.74$$

$$m_{expected} = 20.46$$

(a) CL0034 Target 5 from HST

(b) CL0034 Target 5 from pipeline no sky subtraction

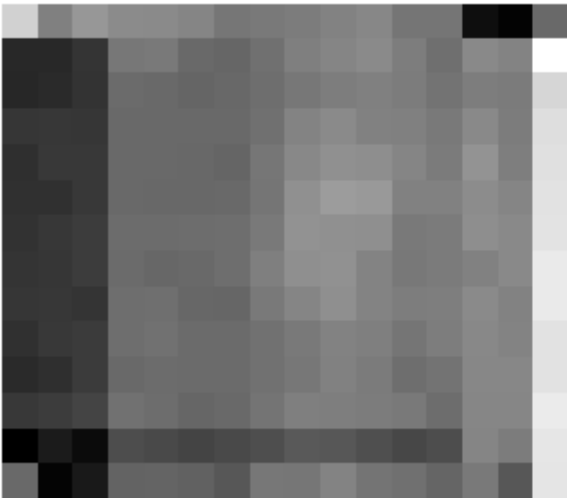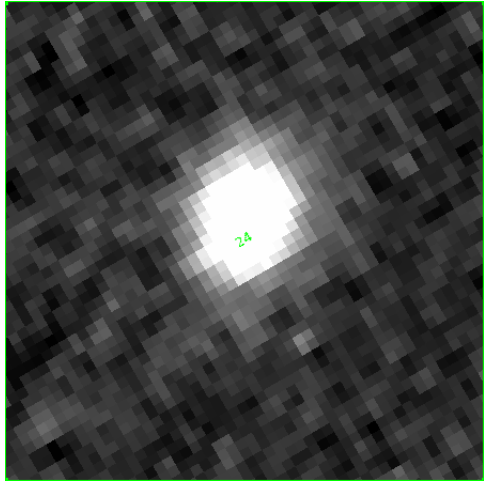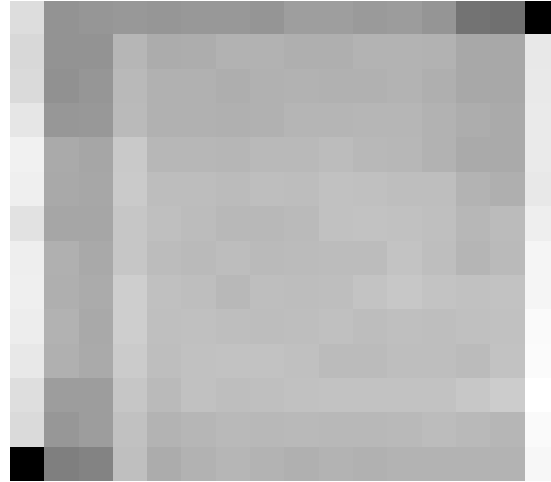(c) CL0034 Target 5 from pipeline with sky subtraction

(a) CL0034 Target 6 from HST

(b) CL0034 Target 6 from pipeline no sky subtraction

(c) CL0034 Target 6 from pipeline with sky subtraction
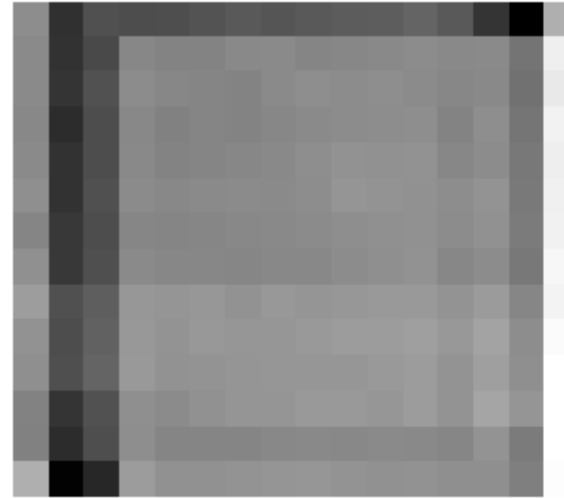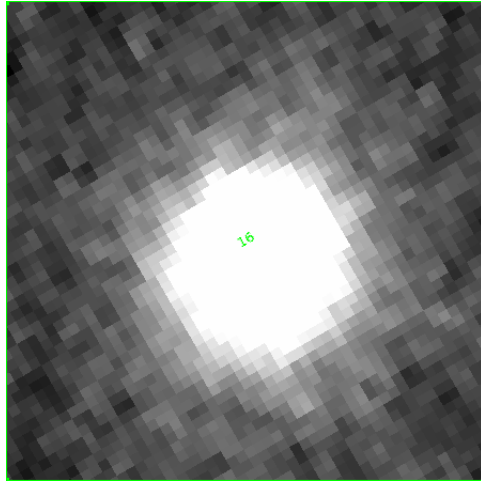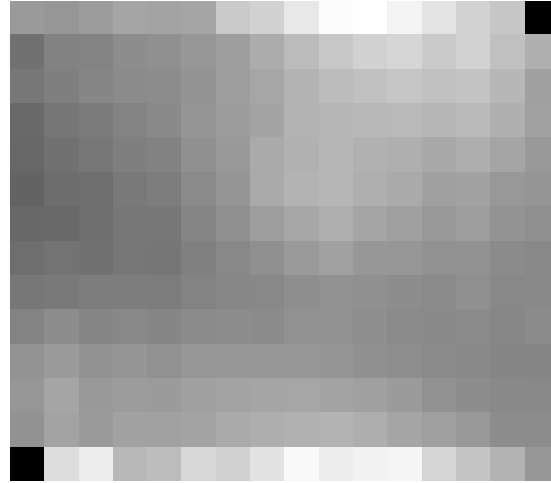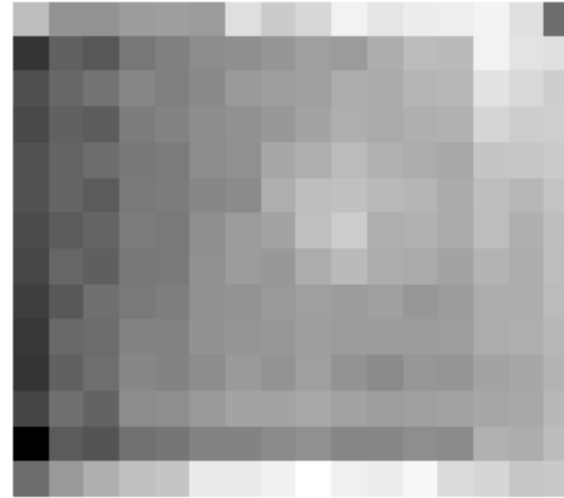
$m_{calculated}$ = Not computed, flux negative
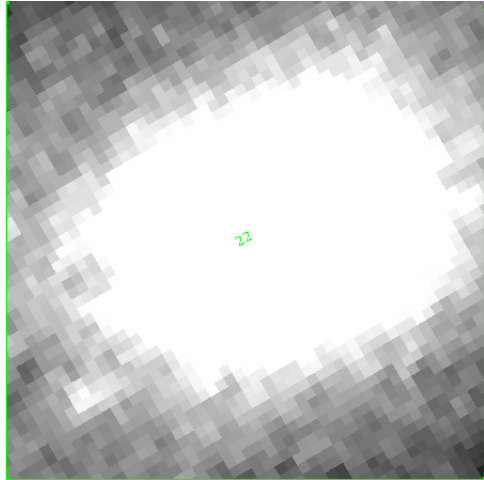
$m_{expected}$ = 22.37

(a) CL0034 Target 7 from HST

(b) CL0034 Target 7 from pipeline no sky subtraction

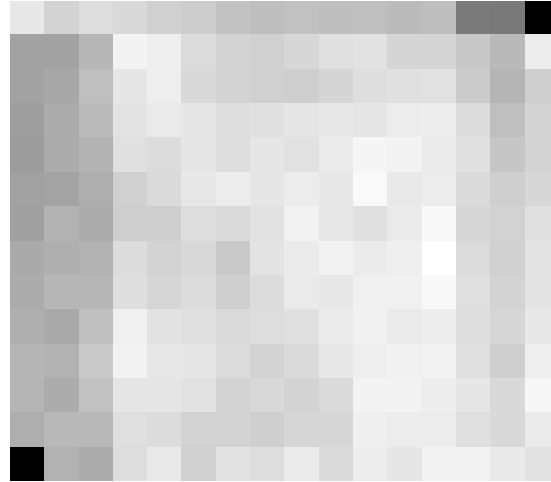(c) CL0034 Target 7 from pipeline with sky subtraction

$m_{calculated} = 18.31$

$m_{expected} = 21.06$

CL0034 Target 11, Arm 22

(a) CL0034 Target 11 from HST

(b) CL0034 Target 11 from pipeline no sky subtraction

(c) CL0034 Target 11 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 19.43

CL0034 Target 12, Arm 15

(a) CL0034 Target 12 from HST

(b) CL0034 Target 12 from pipeline no sky sub-traction

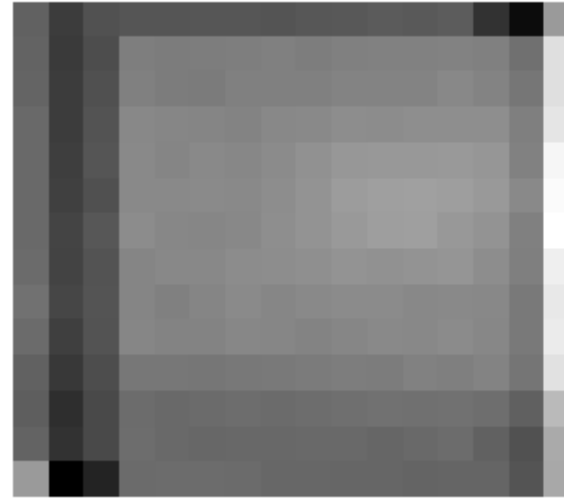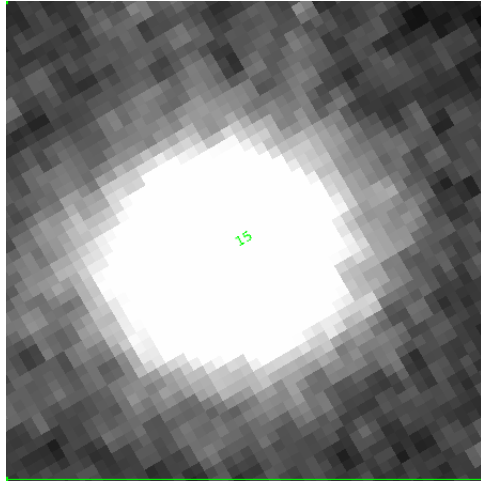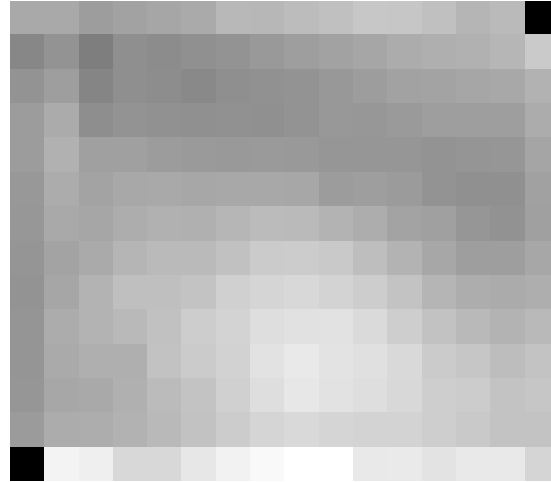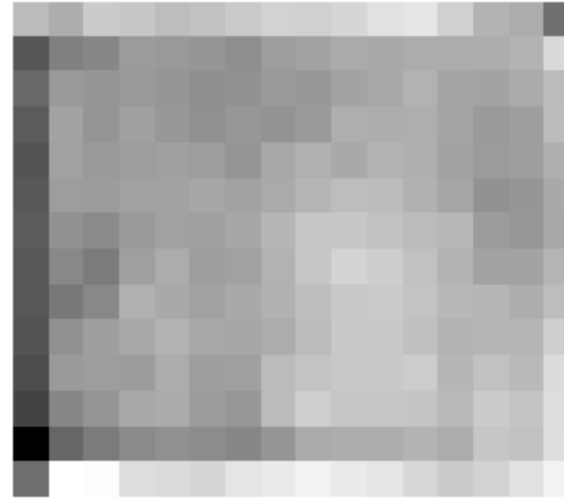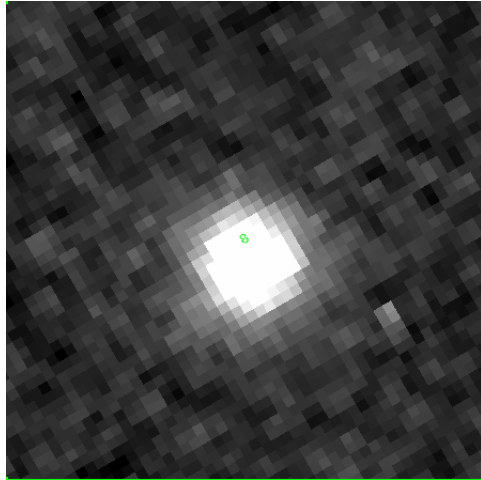(c) CL0034 Target 12 from pipeline with sky subtraction

$m_{calculated} = 17.59$

$m_{expected} = 20.55$

(a) CL0034 Target 14 from HST

(b) CL0034 Target 14 from pipeline no sky subtraction

(c) CL0034 Target 14 from pipeline with sky subtraction

$m_{calculated} = 22.70$

$m_{expected} = 22.49$

(a) CL0034 Target 16 from HST

(b) CL0034 Target 16 from pipeline no sky subtraction

(c) CL0034 Target 16 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 22.50

(a) CL0034 Target 20 from HST
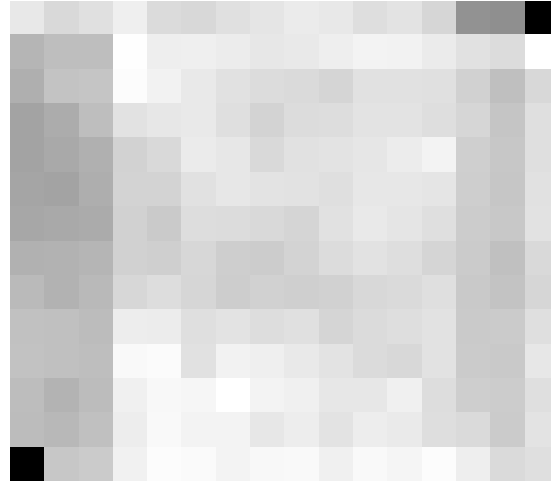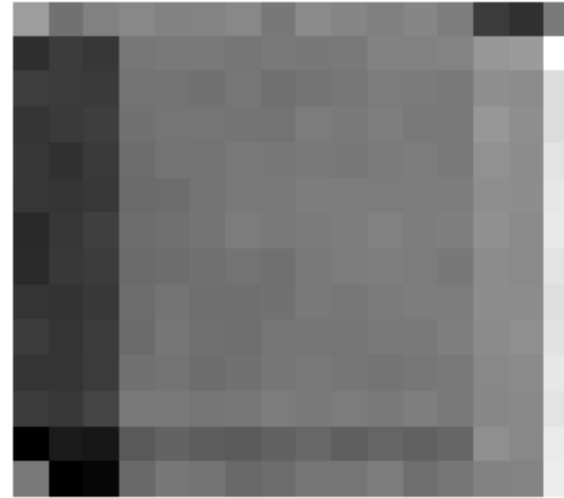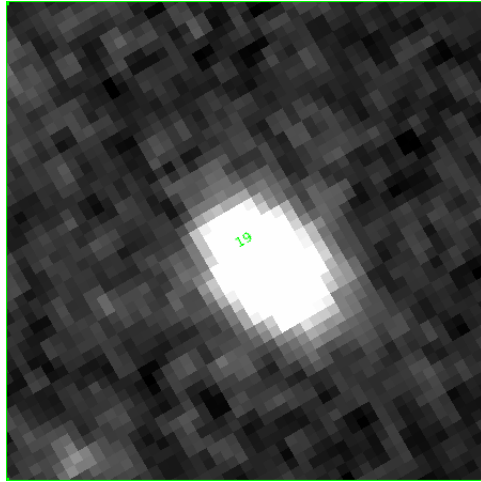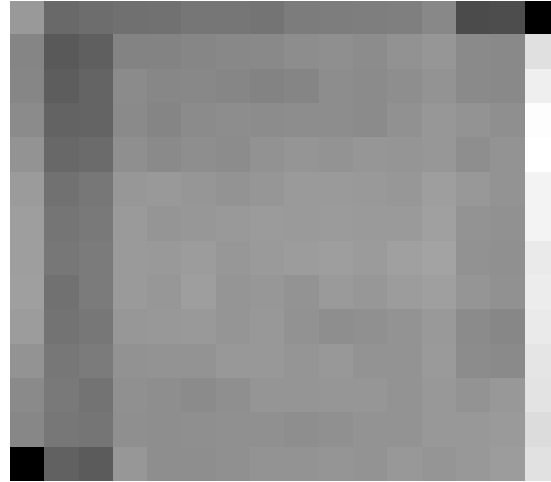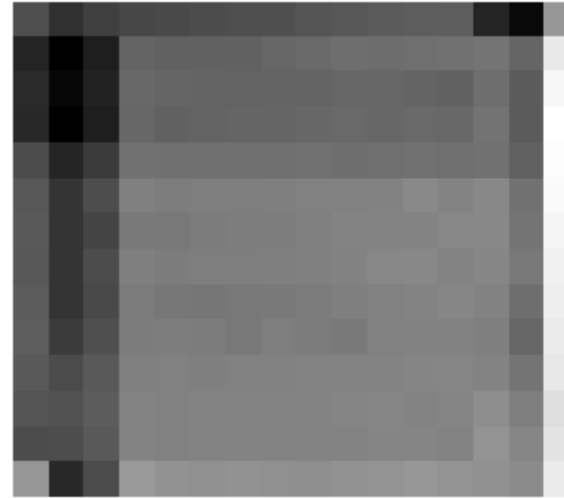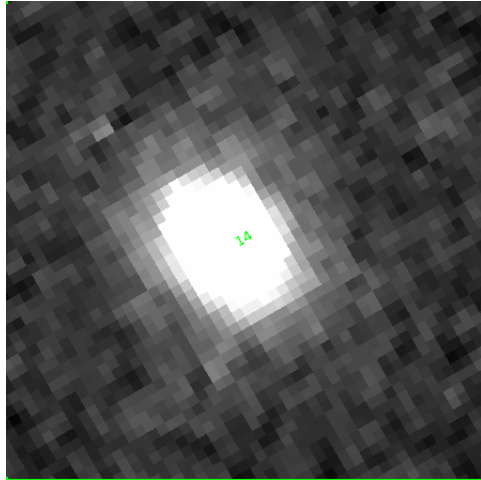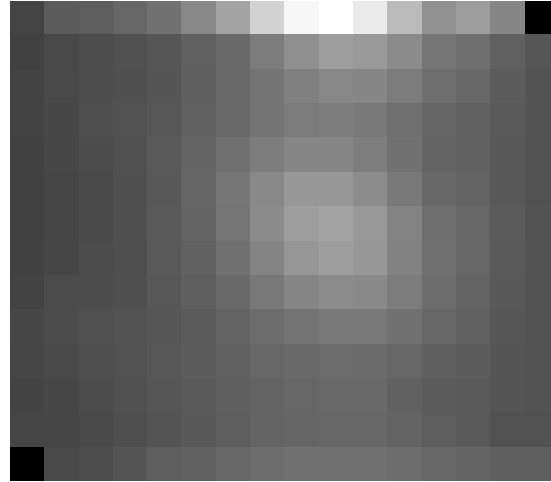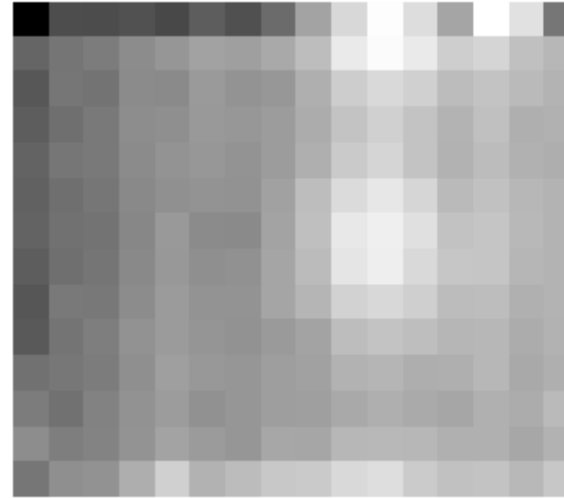
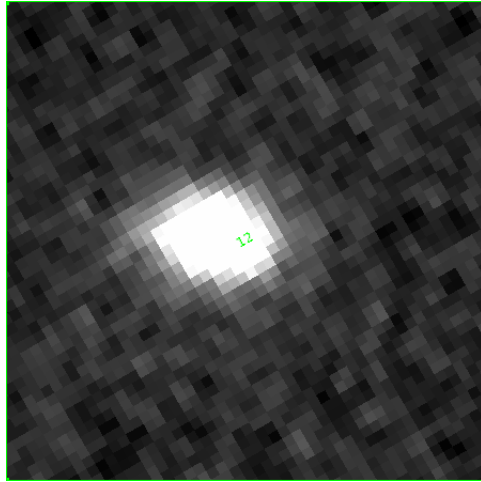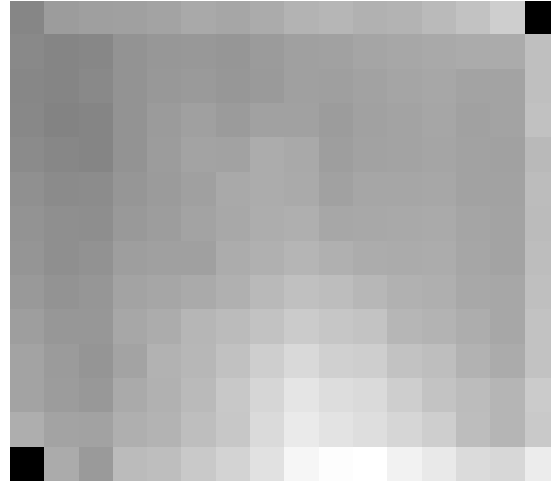(b) CL0034 Target 20 from pipeline no sky subtraction

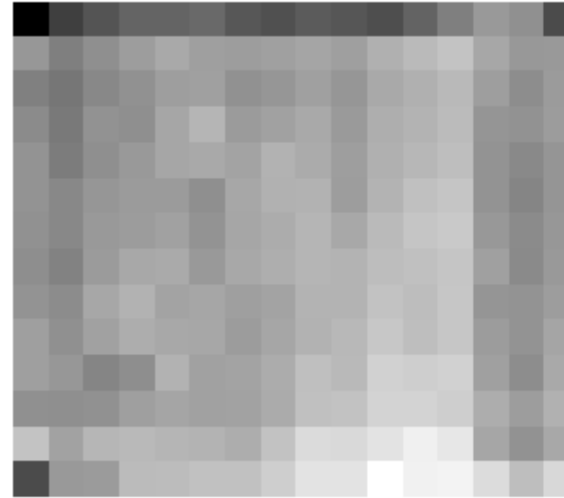(c) CL0034 Target 20 from pipeline with sky subtraction

$m_{calculated} = 17.91$

$m_{expected} = 21.73$

CL0034 Target 21, Arm 12

$m_{calculated} = 18.33$

$m_{expected} = 22.91$

(a) CL0034 Target 21 from HST

(b) CL0034 Target 21 from pipeline no sky subtraction

(c) CL0034 Target 21 from pipeline with sky subtraction

CL0034 Target 22, Arm 11

$m_{calculated} = 17.88$

$m_{expected} = 22.27$

(a) CL0034 Target 22 from HST

(b) CL0034 Target 22 from pipeline no sky subtraction

(c) CL0034 Target 22 from pipeline with sky subtraction
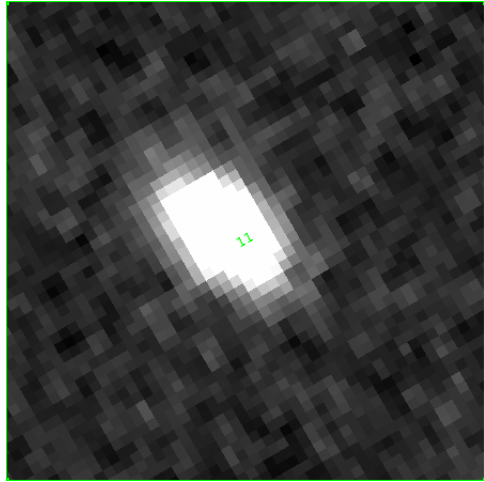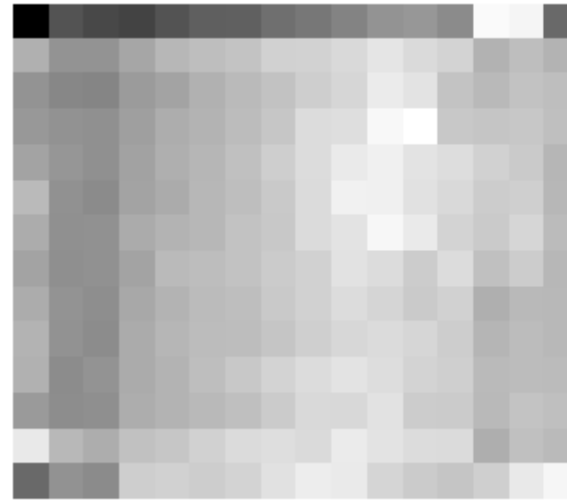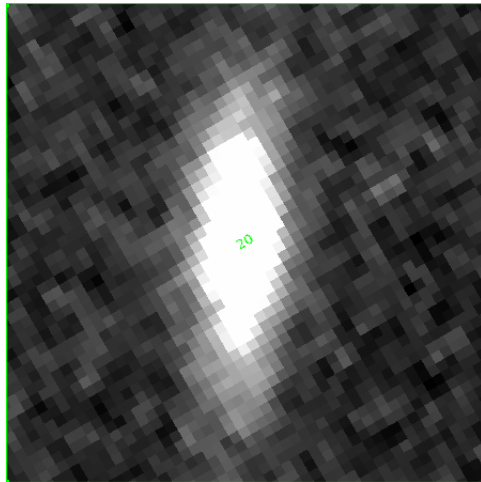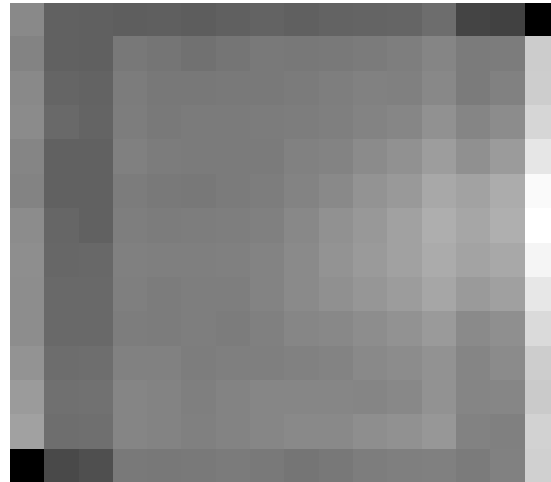
CL0034 Target 23, Arm 20

(a) CL0034 Target 23 from HST

(b) CL0034 Target 23 from pipeline no sky subtraction

(c) CL0034 Target 23 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 22.08

CL0034 Target 26, Arm 9

(a) CL0034 Target 26 from HST

(b) CL0034 Target 26 from pipeline no sky subtraction

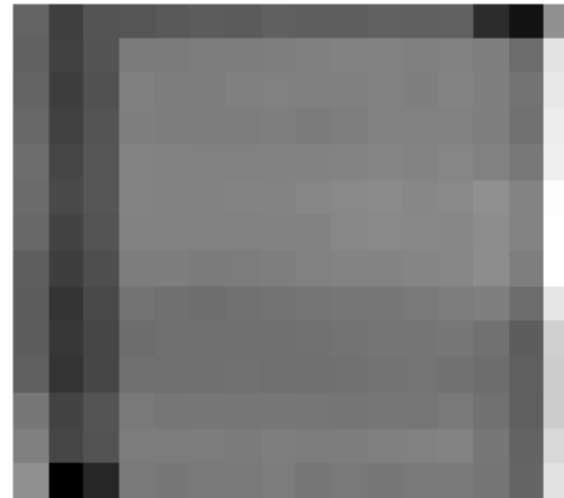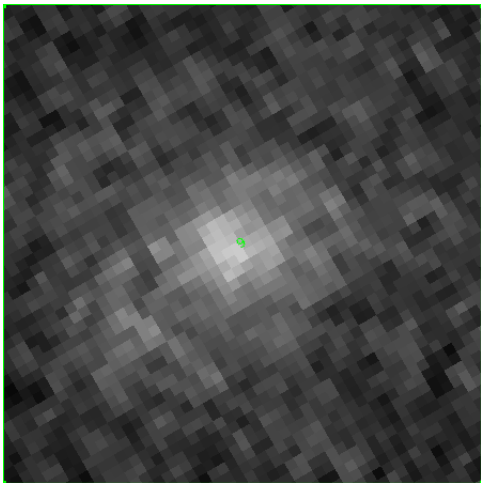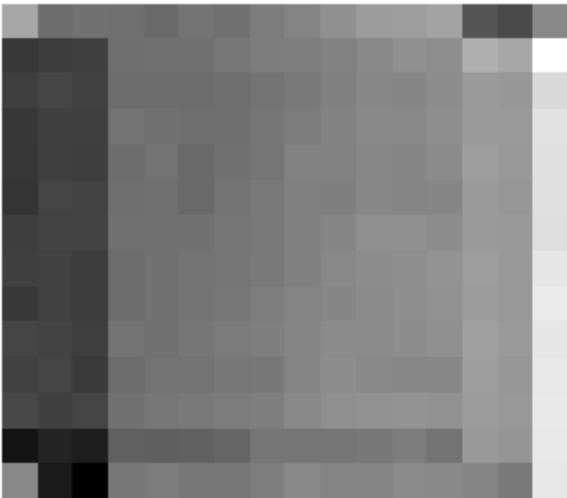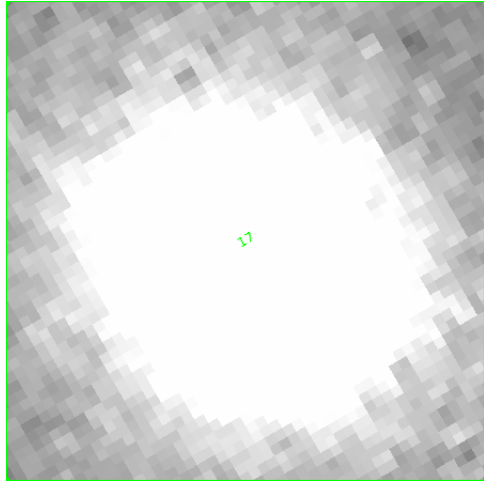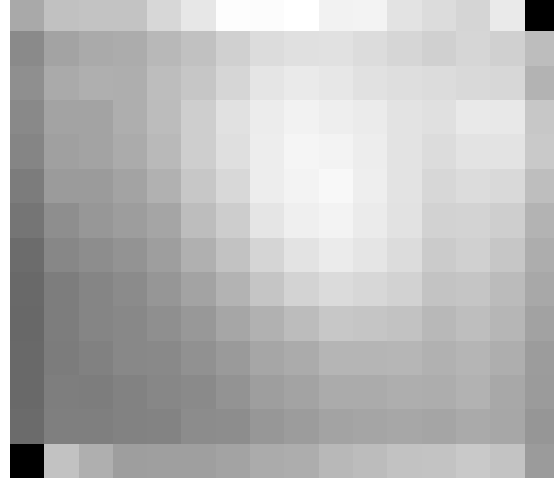(c) CL0034 Target 26 from pipeline with sky subtraction
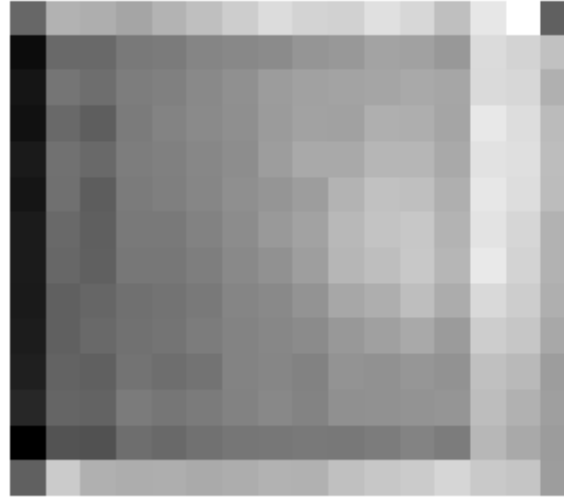
$m_{calculated} = 20.53$

$m_{expected} = 22.40$
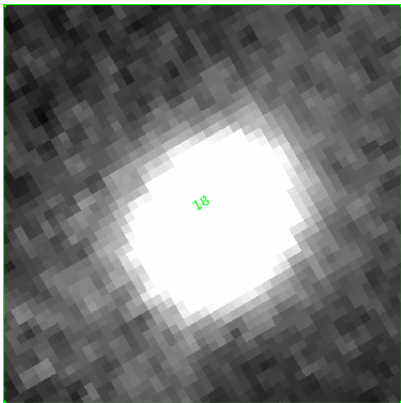
(a) CL0034 Target 30 from HST

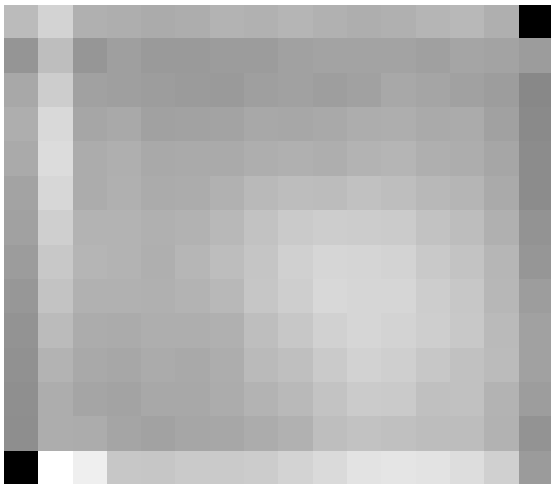(b) CL0034 Target 30 from pipeline no sky subtraction

(c) CL0034 Target 30 from pipeline with sky subtraction

$m_{calculated} = 18.21$

$m_{expected} = 20.03$

CL0034 Target 31, Arm 18

(a) CL0034 Target 31 from HST

(b) CL0034 Target 31 from pipeline no sky subtraction

(c) CL0034 Target 31 from pipeline with sky subtraction

$m_{calculated} = 19.14$

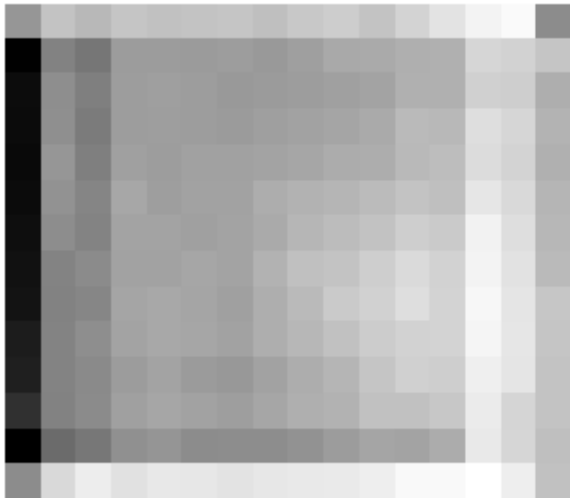$m_{expected} = 20.84$

(a) CL0036 Target 3 from HST
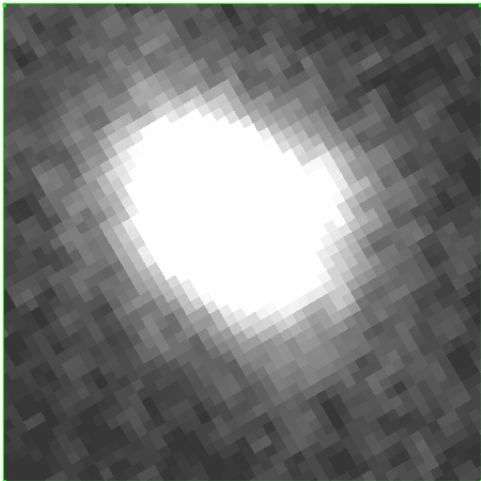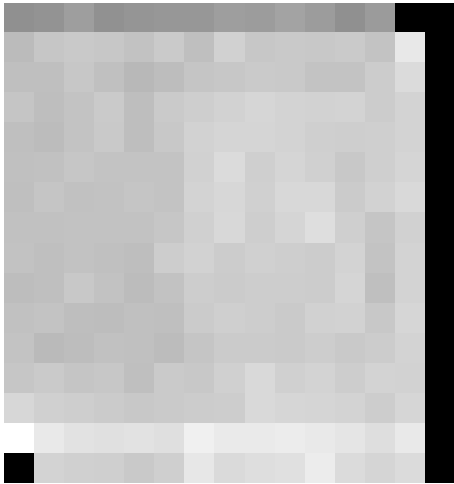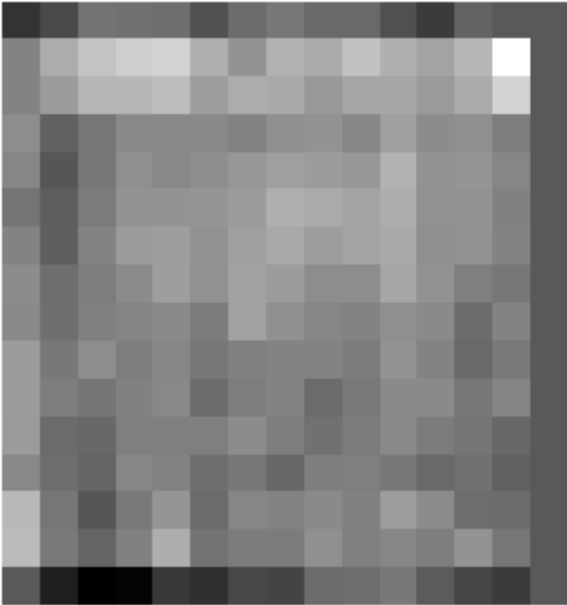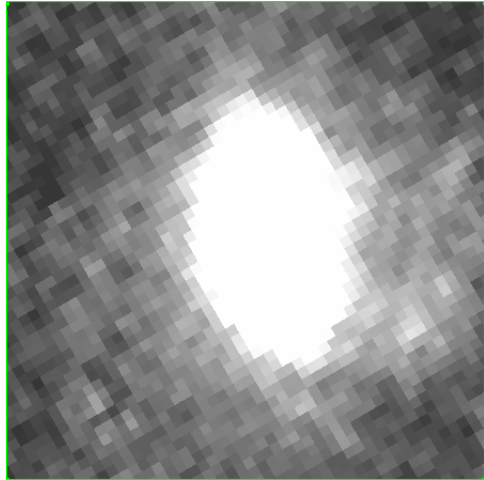
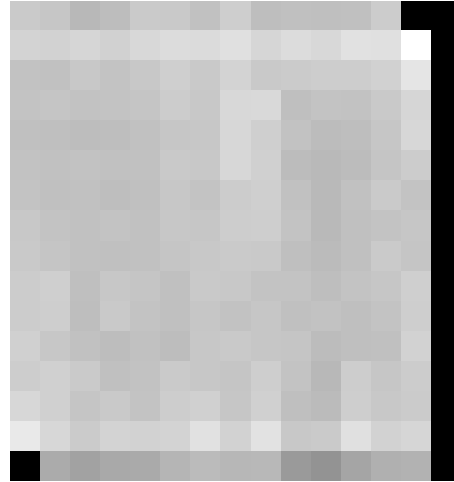(b) CL0036 Target 3 from pipeline no sky subtraction

(c) CL0036 Target 3 from pipeline with sky subtraction

$m_{calculated} = 19.50$

$m_{expected} = 20.78$

(a) CL0036 Target 4 from HST

(b) CL0036 Target 4 from pipeline no sky subtraction

(c) CL0036 Target 4 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 20.24

CL0036 Target 5, Arm 18

(a) CL0036 Target 5 from HST

(b) CL0036 Target 5 from pipeline no sky subtraction

(c) CL0036 Target 5 from pipeline with sky subtraction
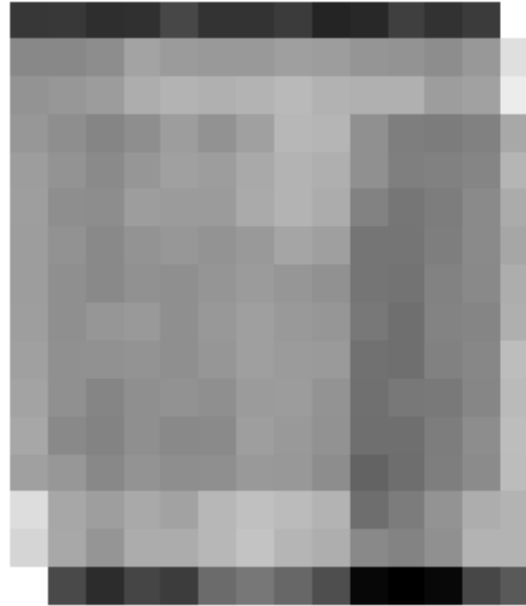
$m_{calculated} = 18.74$

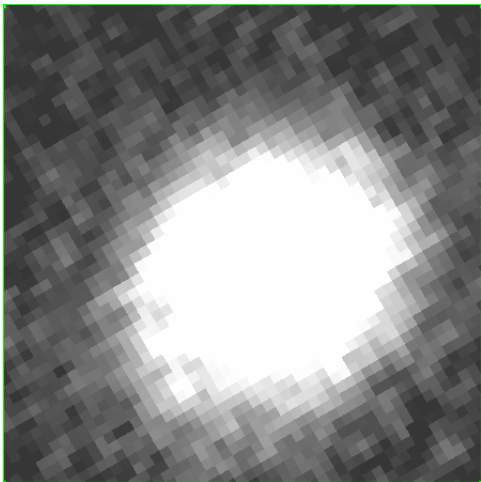$m_{expected} = 20.80$

(a) CL0036 Target 6 from HST

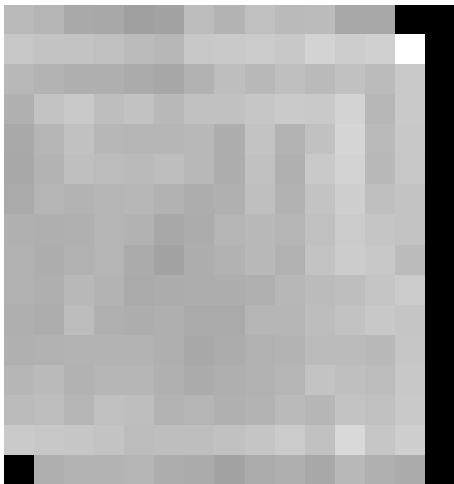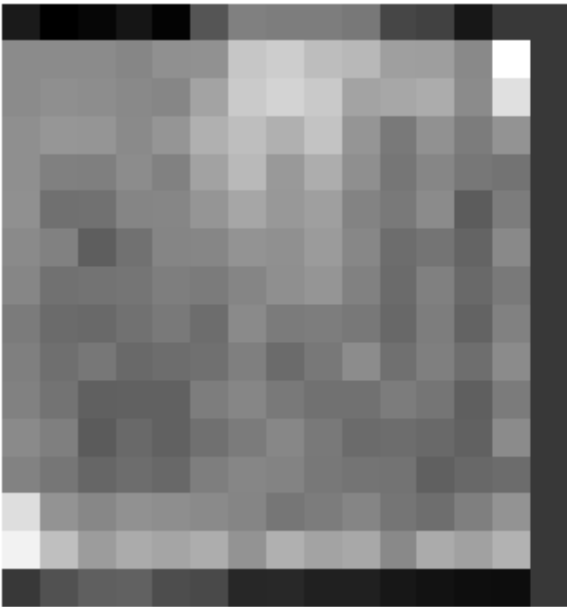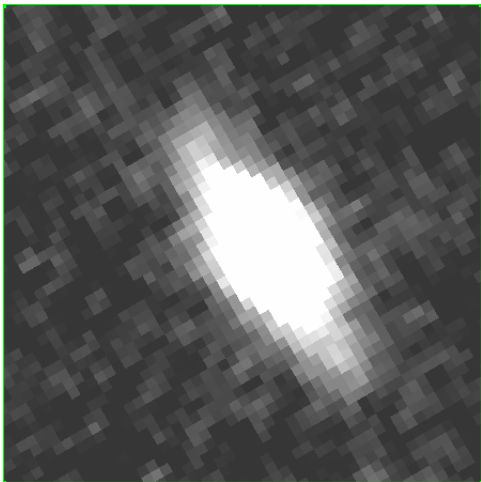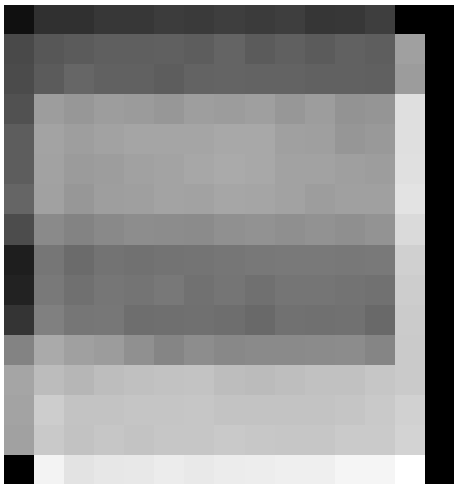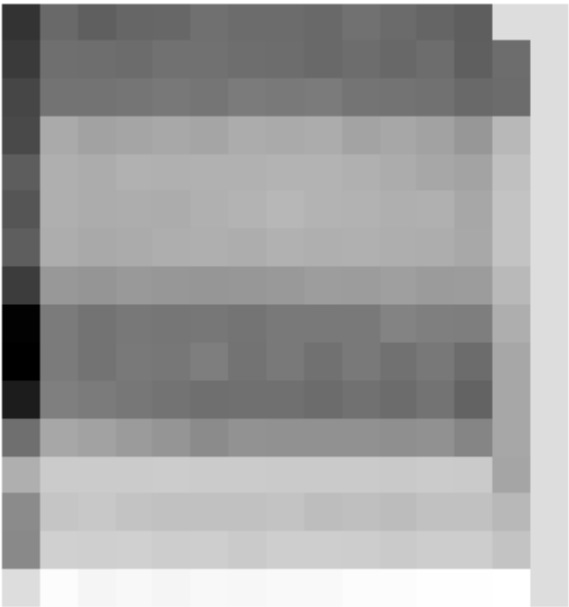(b) CL0036 Target 6 from pipeline no sky subtraction

(c) CL0036 Target 6 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 21.89
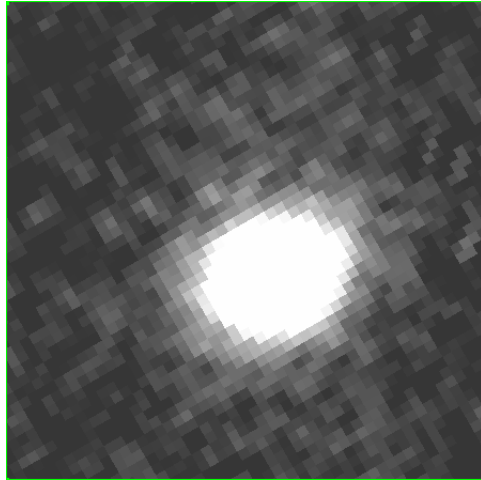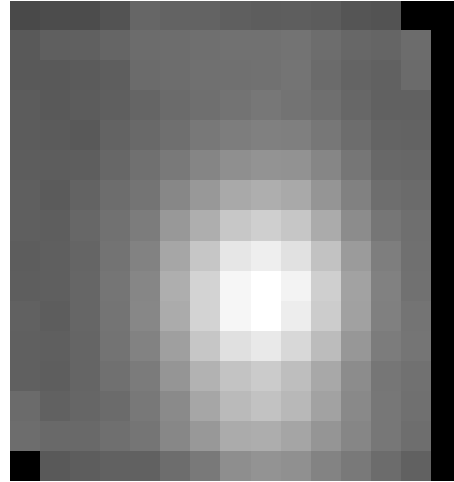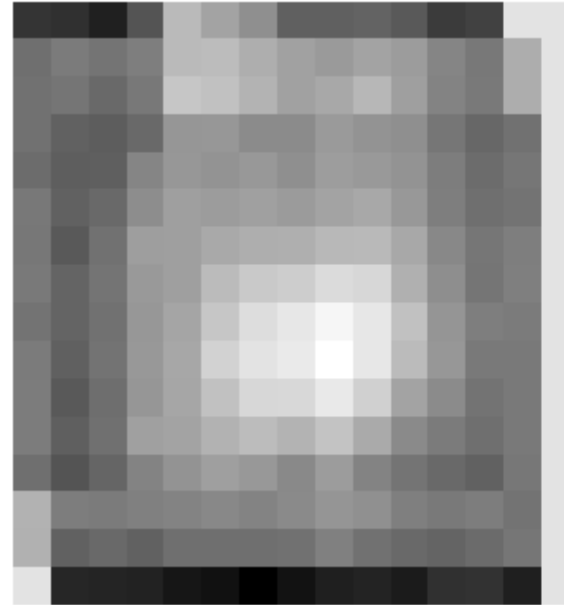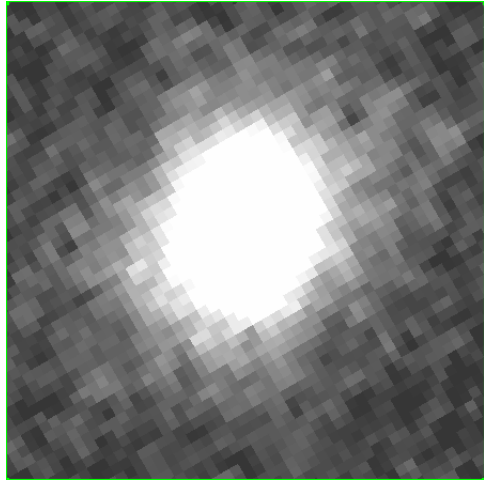
(a) CL0036 Target 7 from HST

(b) CL0036 Target 7 from pipeline no sky subtraction

(c) CL0036 Target 7 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 21.53

CL0036 Target 8, Arm 16

(a) CL0036 Target 8 from HST

(b) CL0036 Target 8 from pipeline no sky subtraction

(c) CL0036 Target 8 from pipeline with sky subtraction

$m_{calculated} = 19.84$

$m_{expected} = 21.15$

(a) CL0036 Target 10 from HST

(b) CL0036 Target 10 from pipeline no sky subtraction

(c) CL0036 Target 10 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 22.06

(a) CL0036 Target 17 from HST

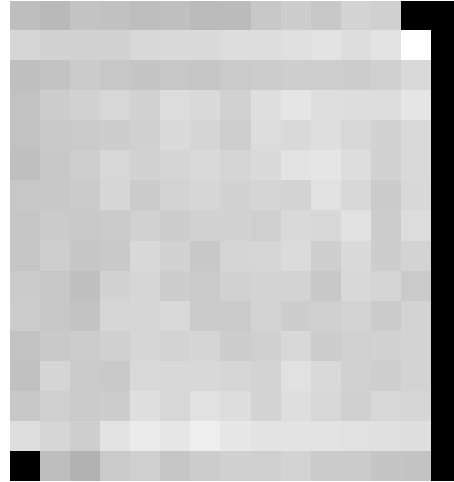(b) CL0036 Target 17 from pipeline no sky subtraction

(c) CL0036 Target 17 from pipeline with sky subtraction
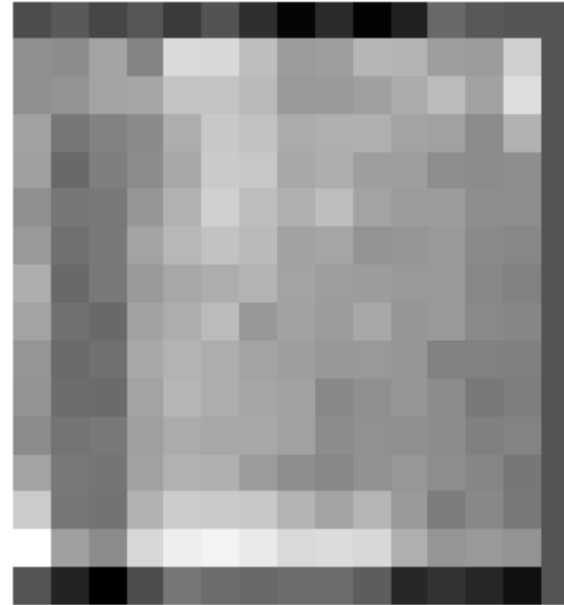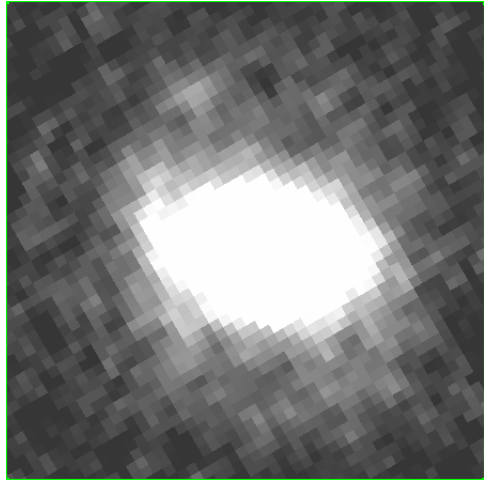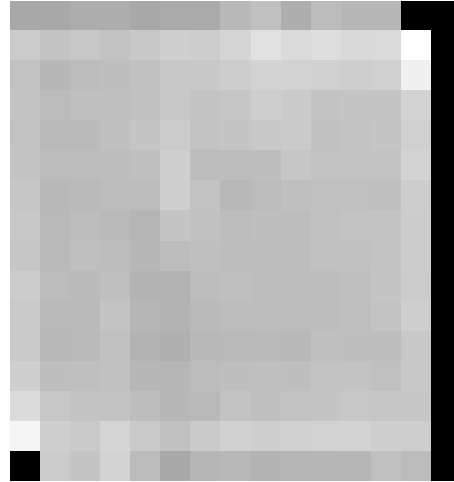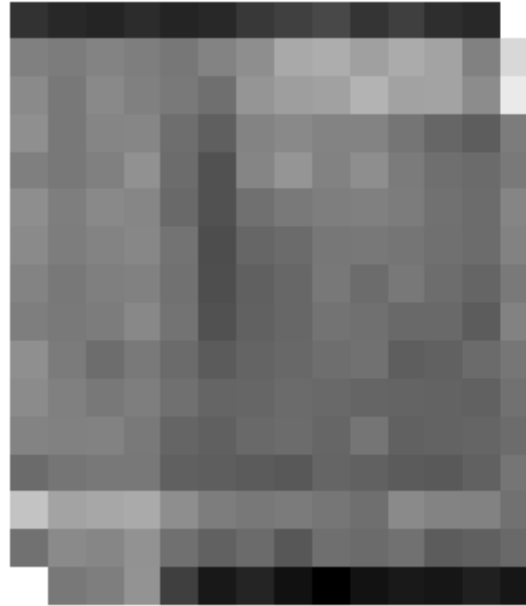
$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 21.67
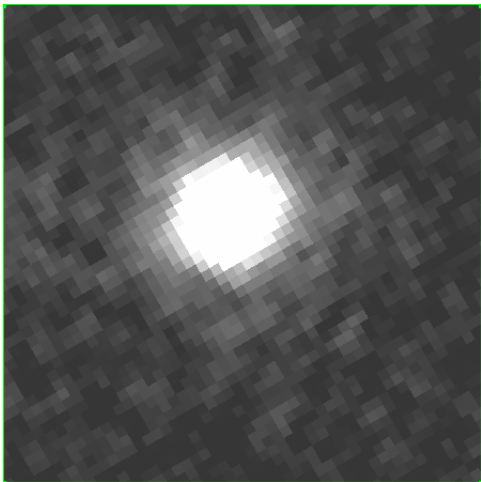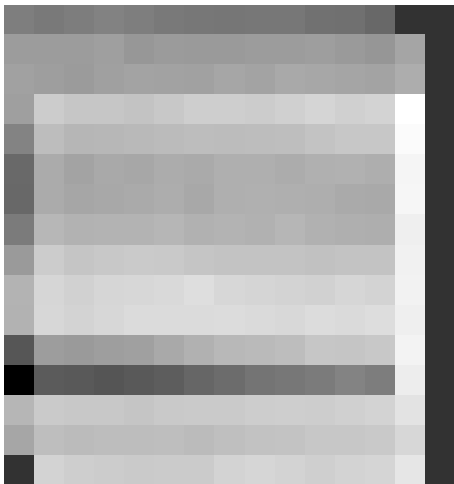
CL0036 Target 19, Arm 9
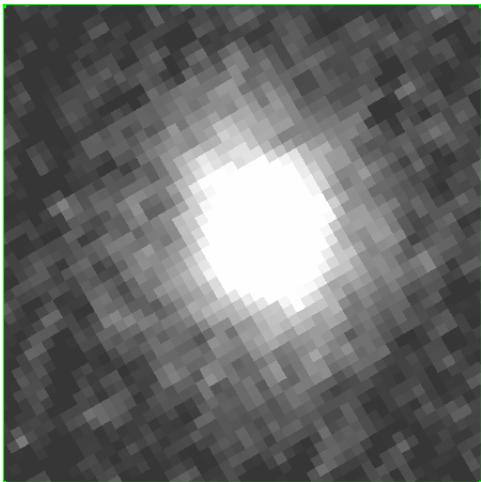

(a) CL0036 Target 19 from HST

(b) CL0036 Target 19 from pipeline no sky subtraction
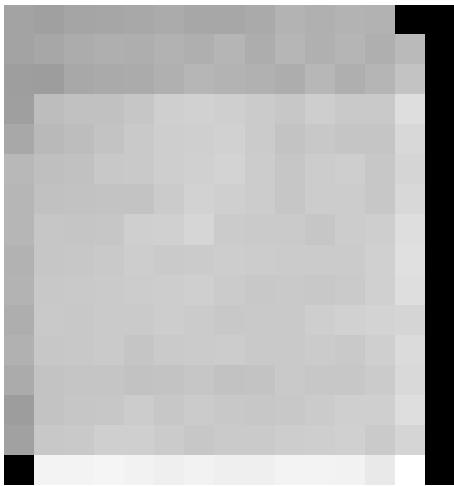
(c) CL0036 Target 19 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 21.68

CL0036 Target 26, Arm 6
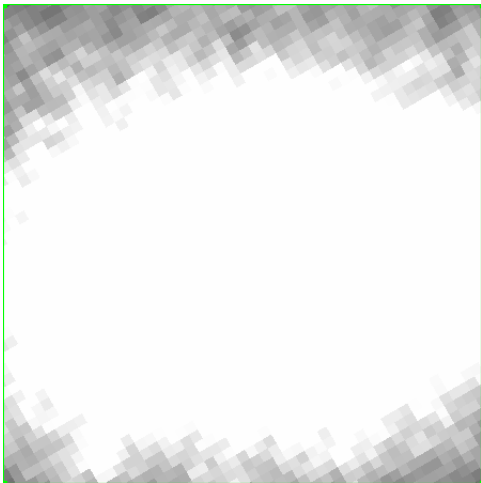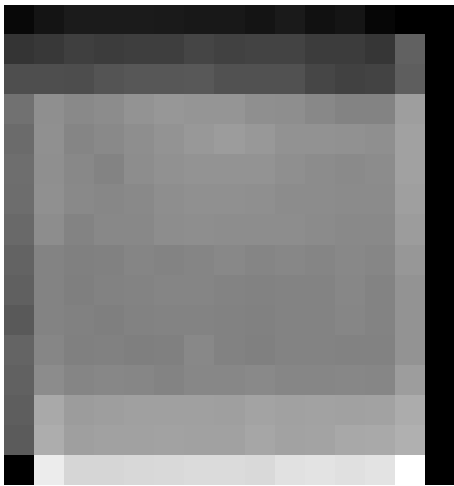

(a) CL0036 Target 26 from HST

(b) CL0036 Target 26 from pipeline no sky subtraction

(c) CL0036 Target 26 from pipeline with sky subtraction

$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 19.27

CL0036 Target 28, Arm 5

(a) CL0036 Target 28 from HST

(b) CL0036 Target 28 from pipeline no sky subtraction

(c) CL0036 Target 28 from pipeline with sky subtraction
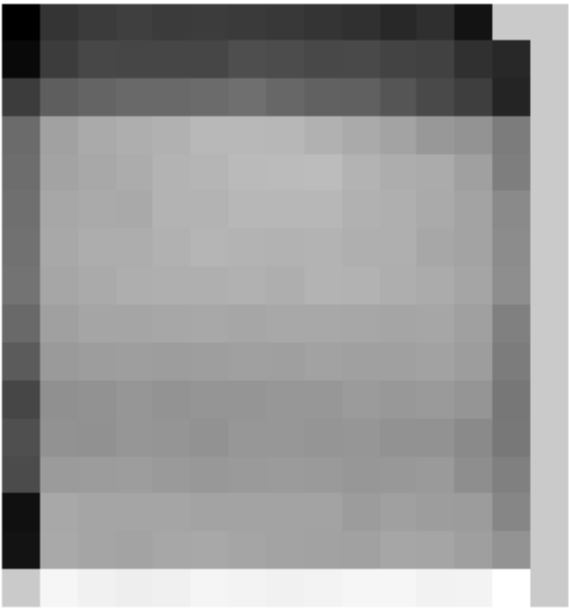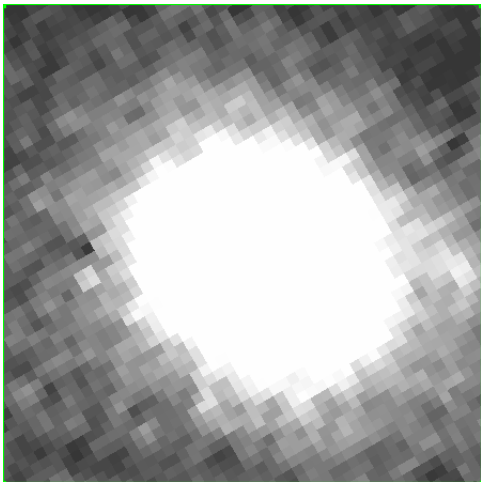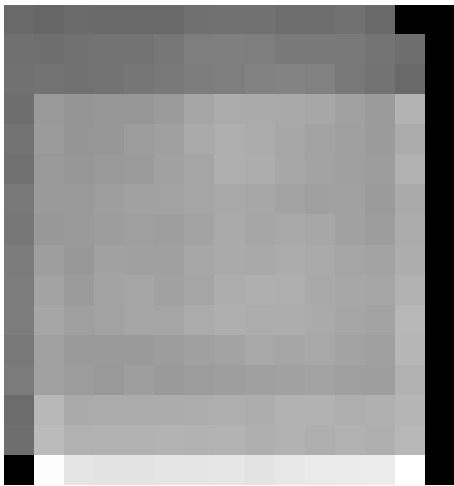
$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 20.35

CL0036 Target 30, Arm 1

(a) CL0036 Target 30 from HST

(b) CL0036 Target 30 from pipeline no sky subtraction

(c) CL0036 Target 30 from pipeline with sky subtraction
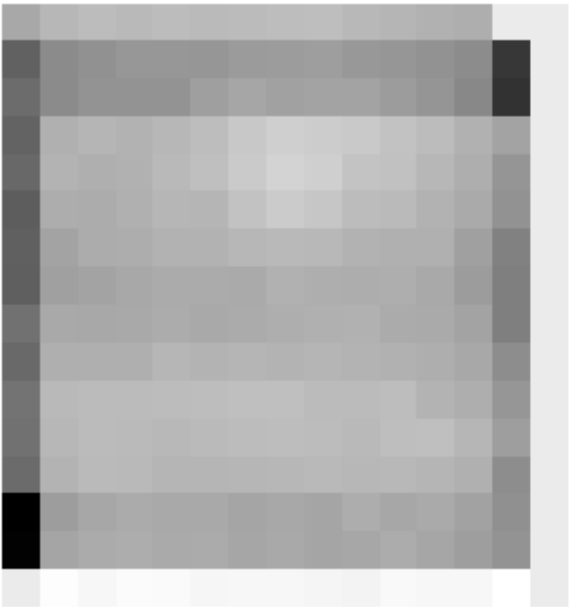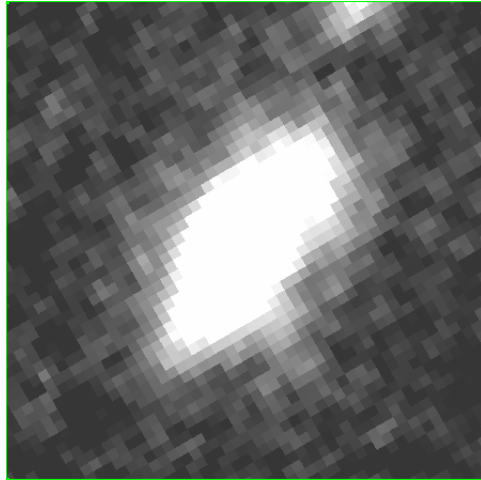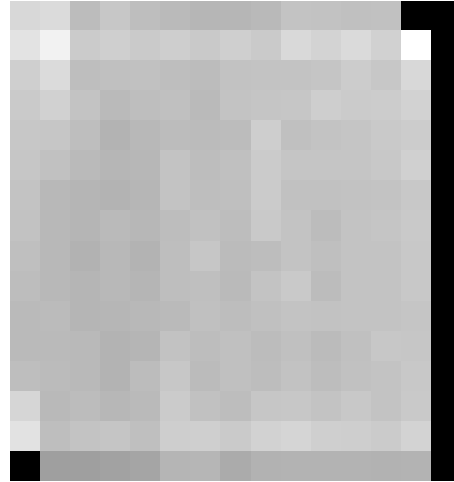
$m_{calculated}$ = Not computed, flux negative

$m_{expected}$ = 21.30