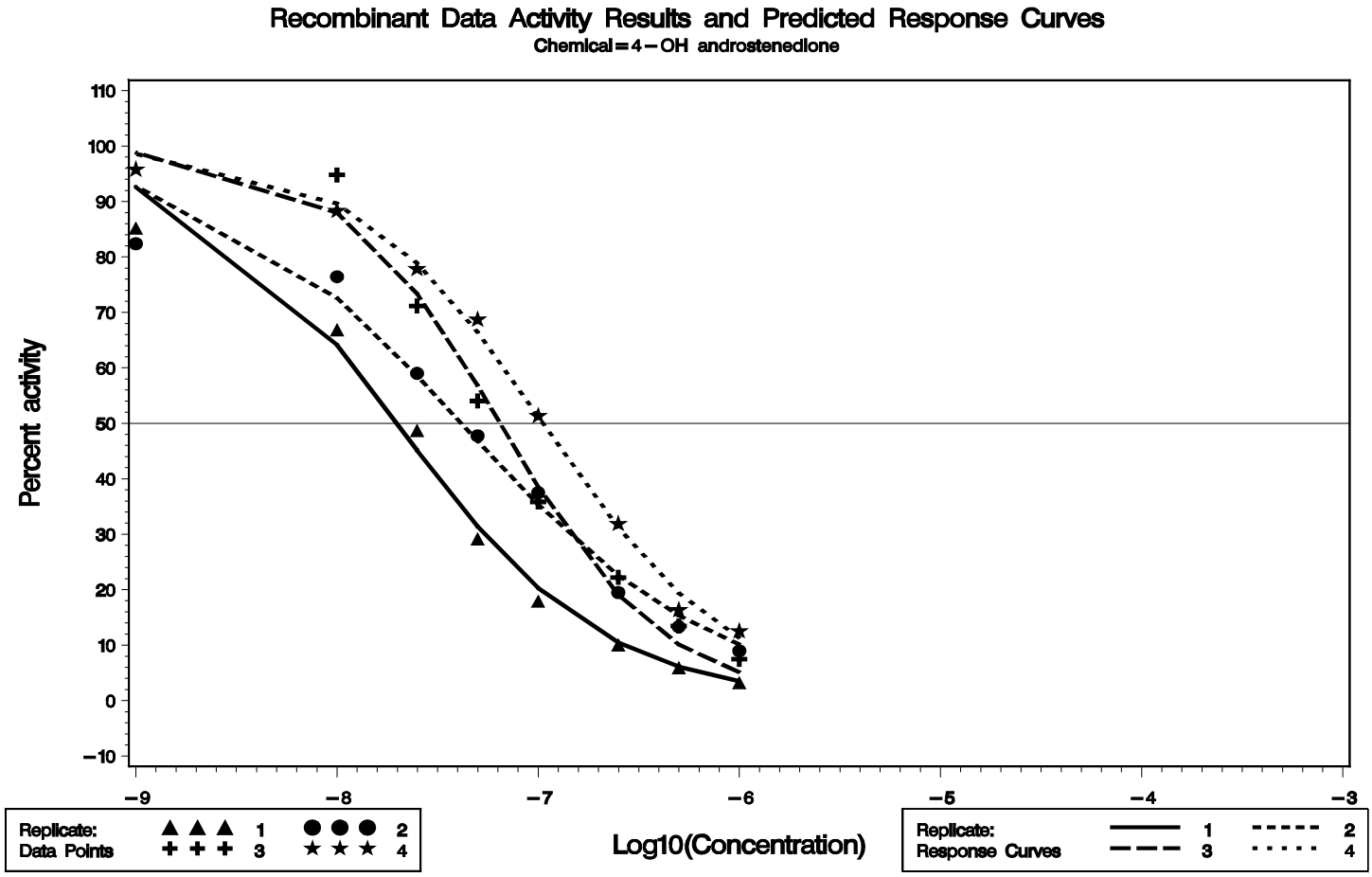
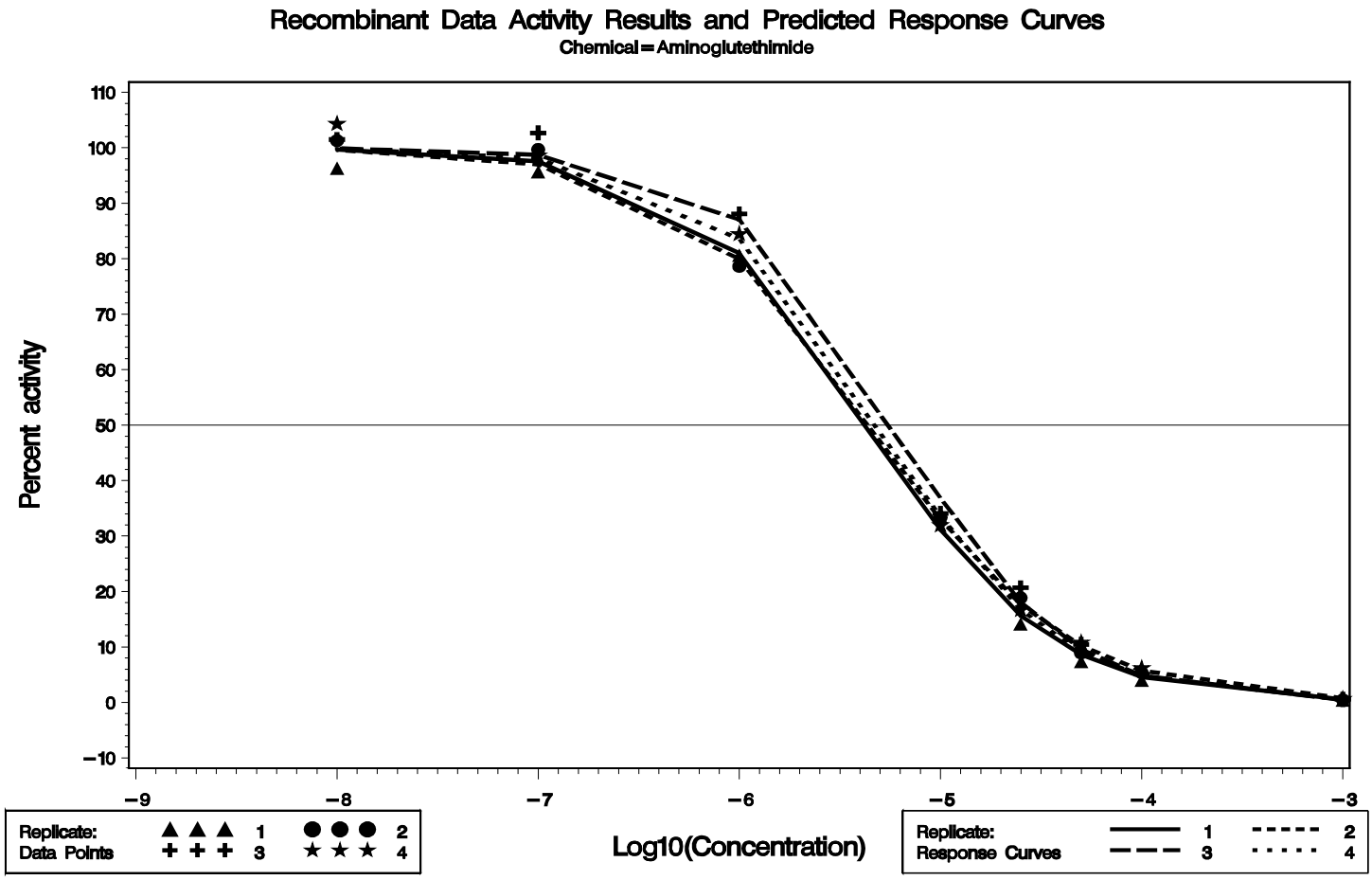
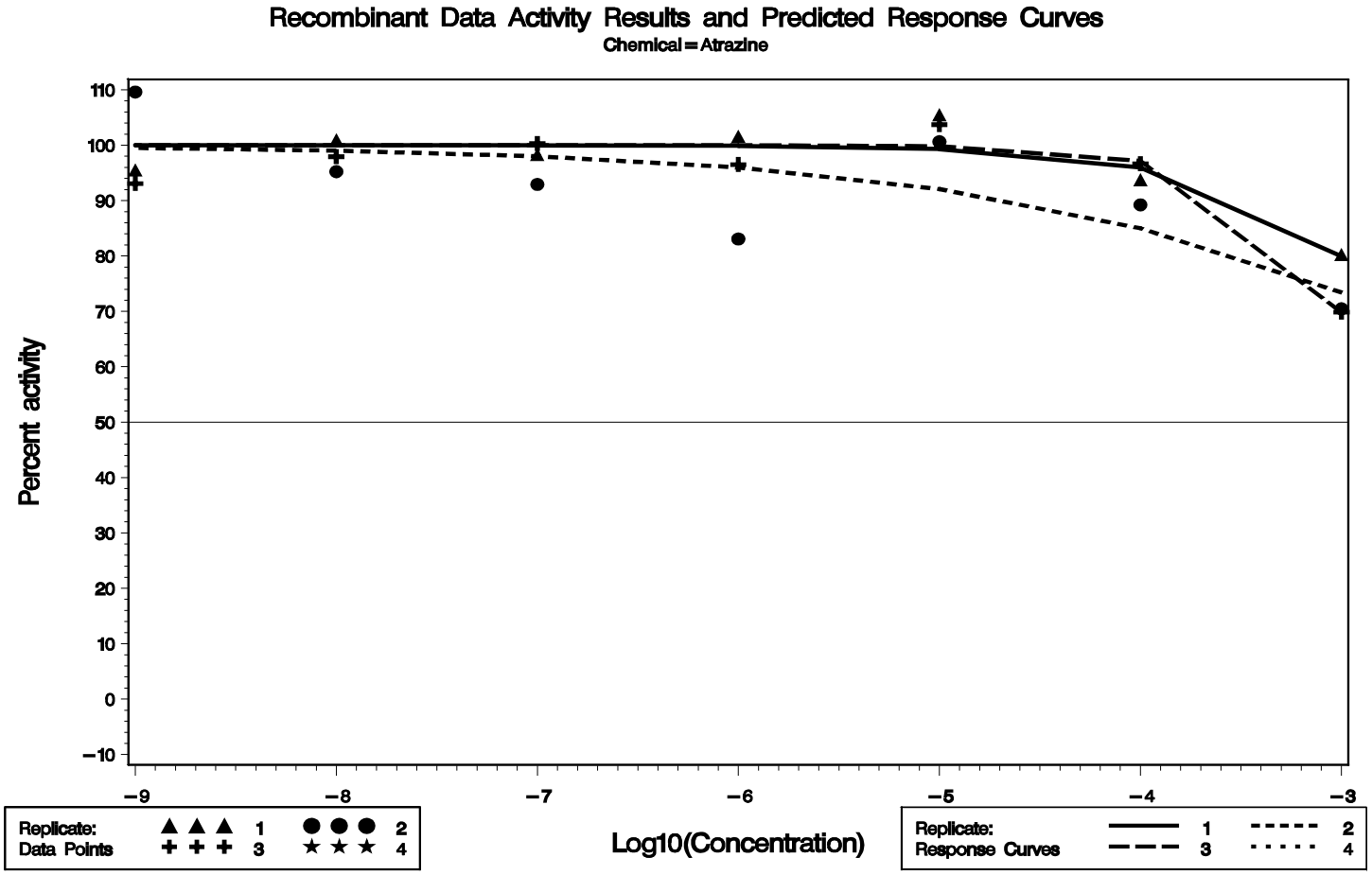
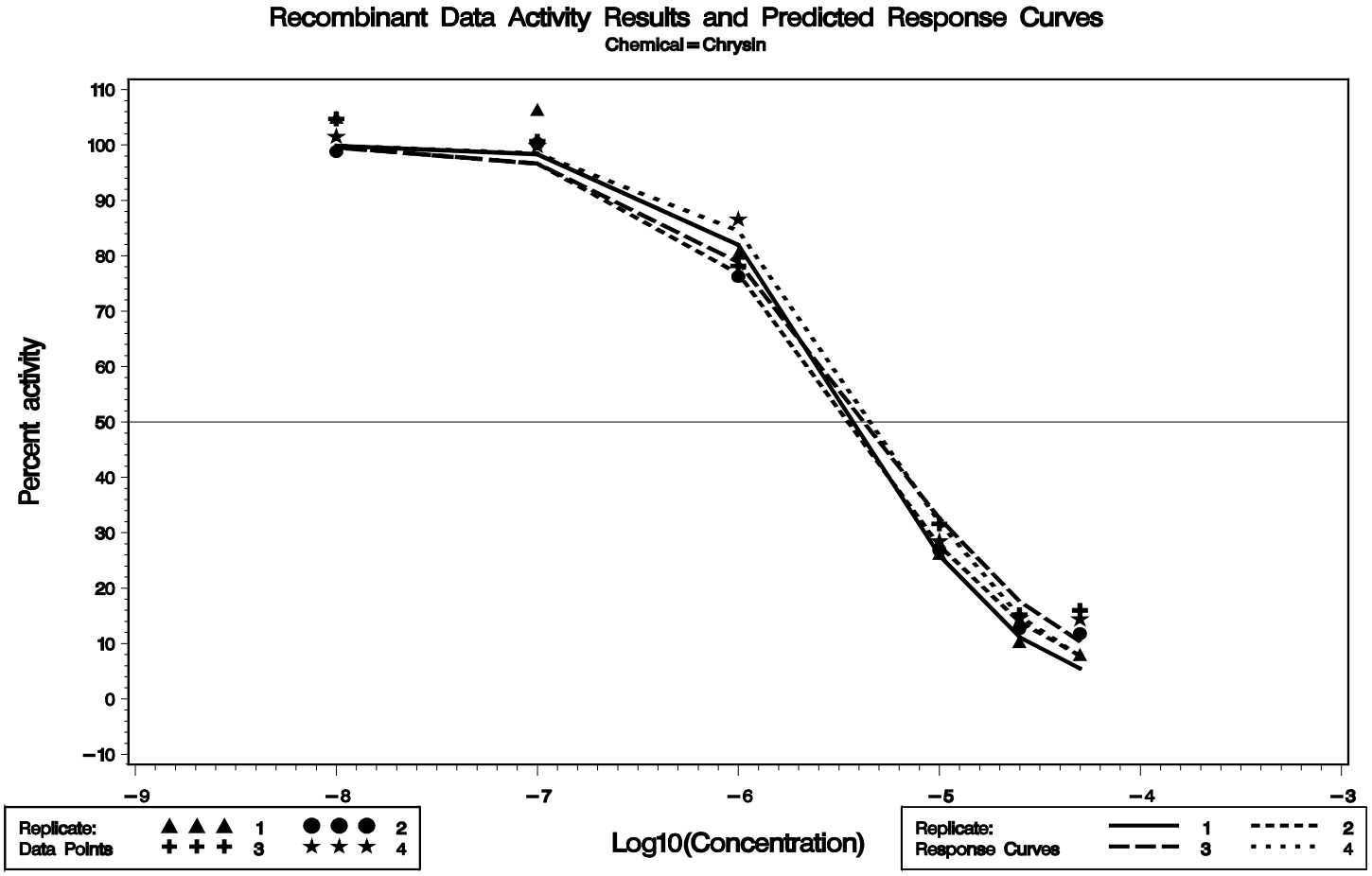
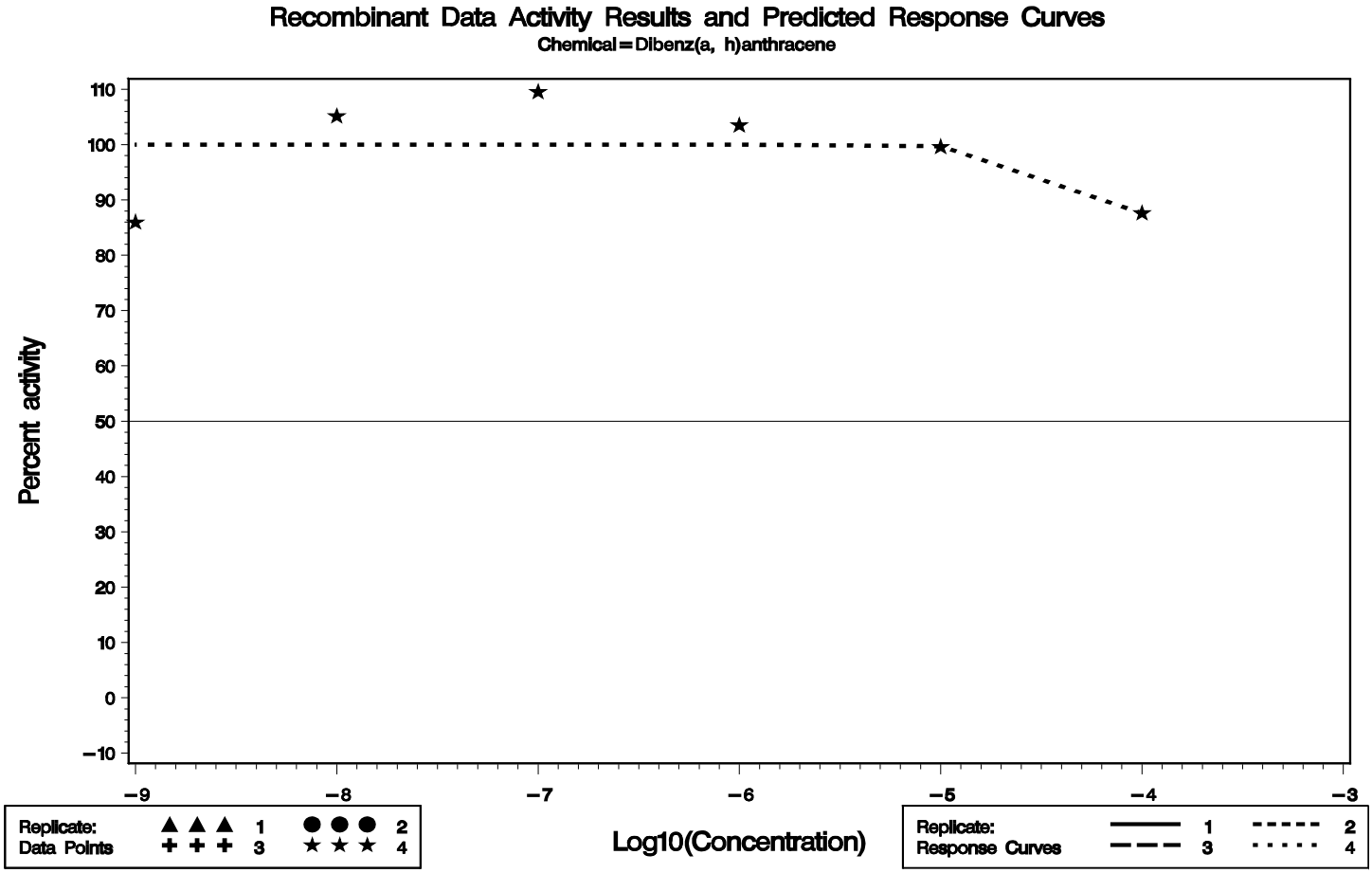
Figure 11. Recombinant Aromatase Assay Response Curves

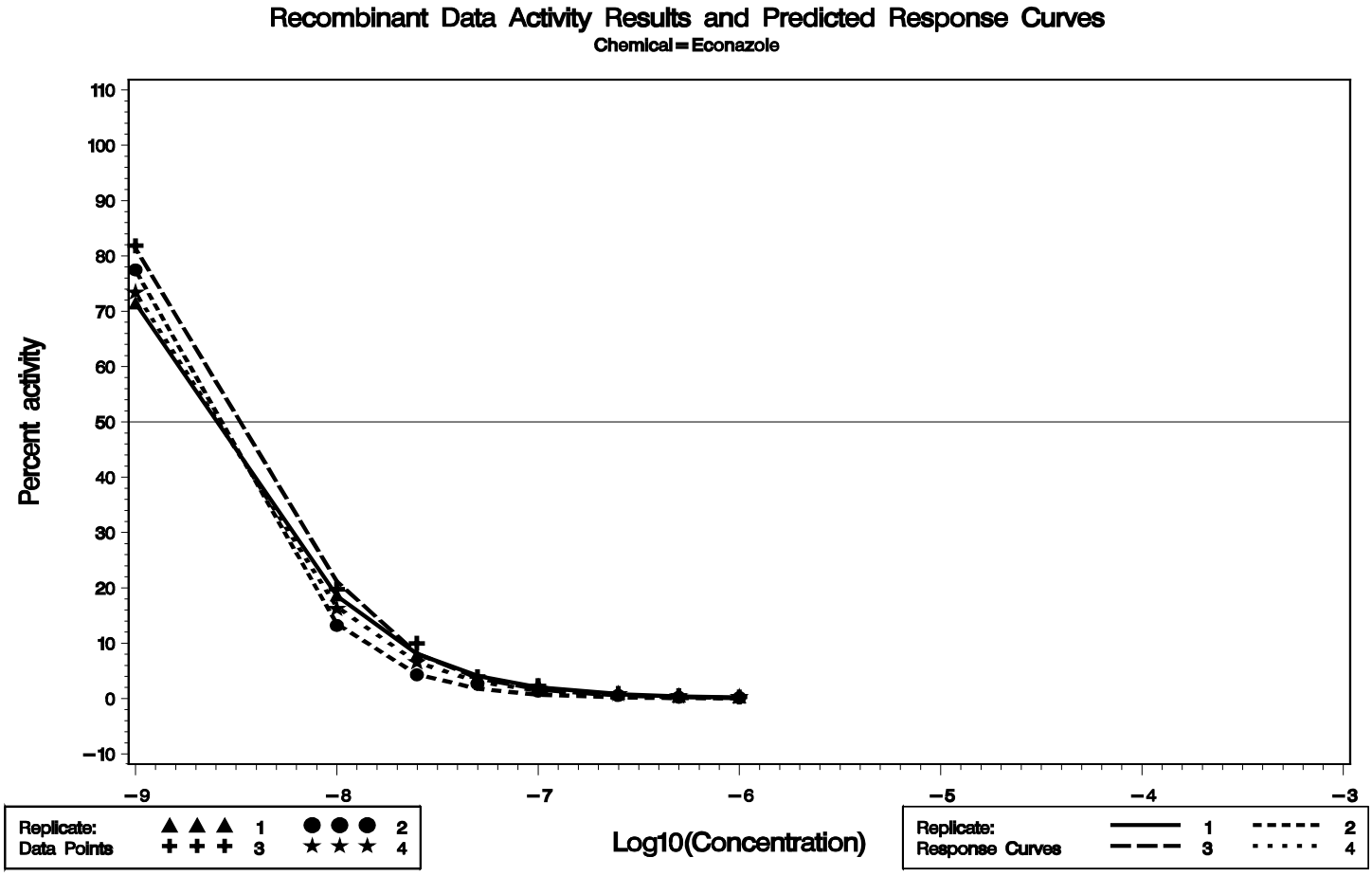


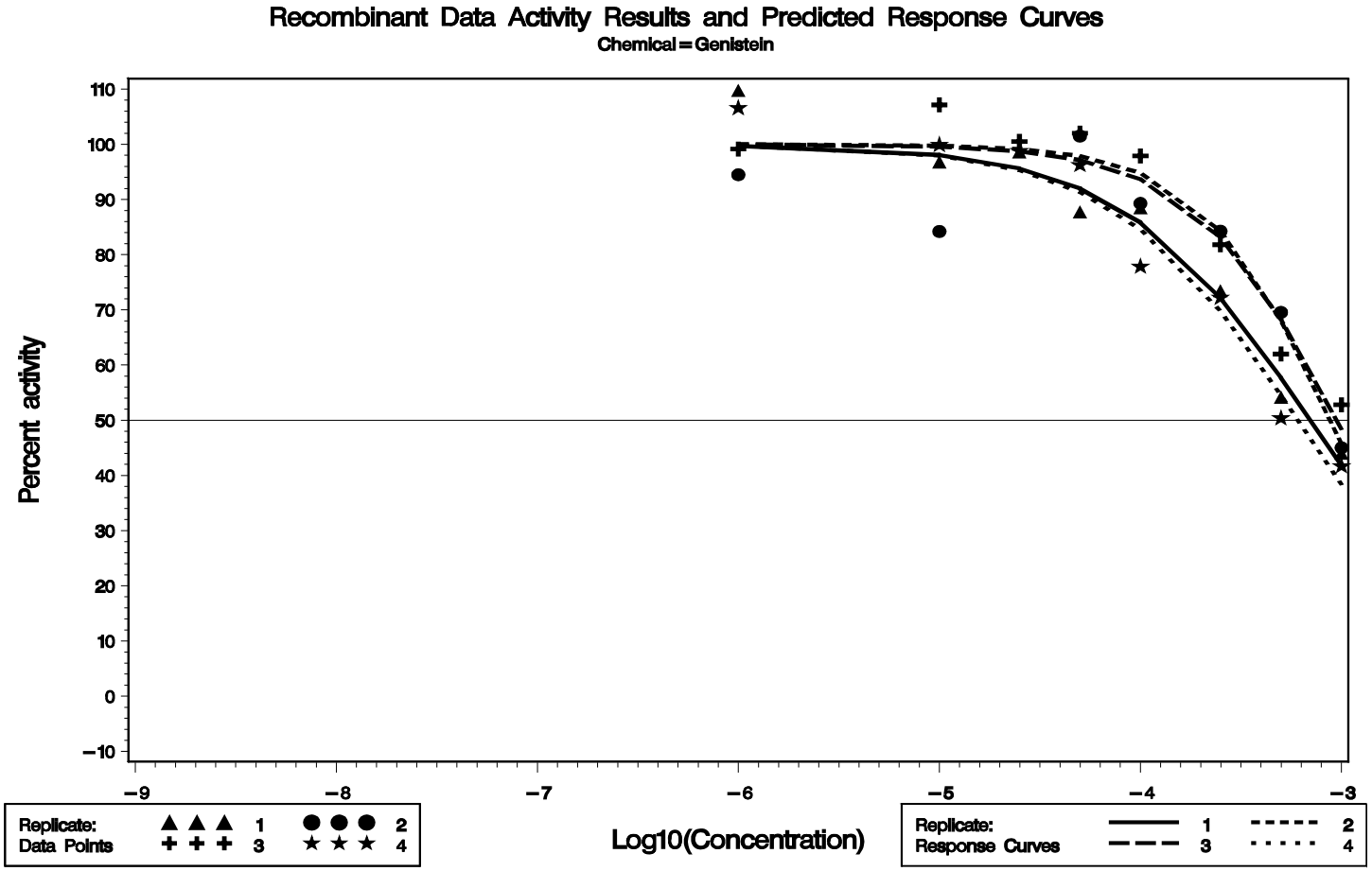


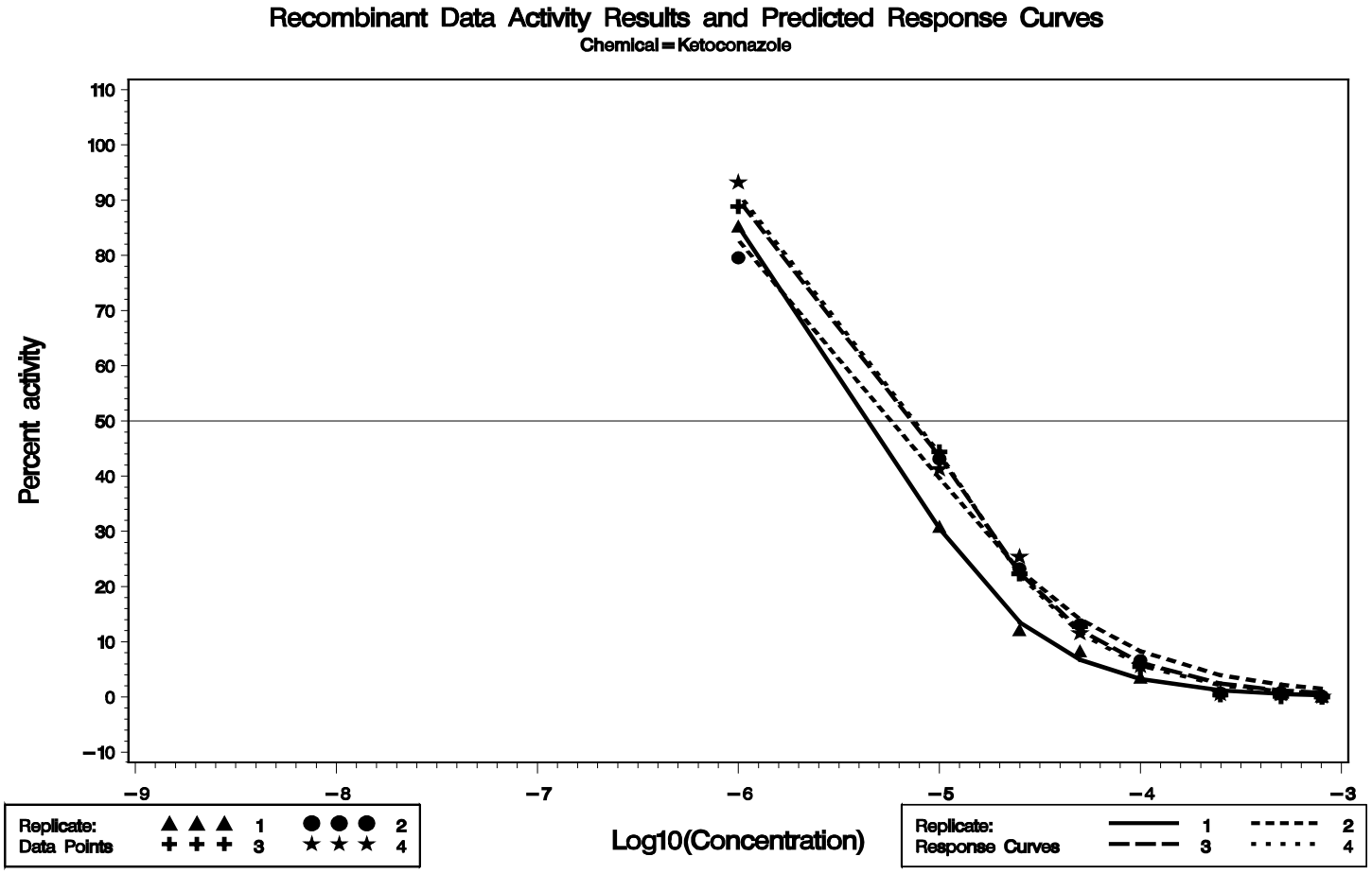

Recombinant Data Activity Results and Predicted Response Curves
Chemical = Atrazine
Percent activity
110
100
90
80
70
60
50
40
30
20
10
0
−10
−9
−8
−7
−6
−5
−4
−3
Log10(Concentration)
Replicate:
Data Points
1
2
3
4
Replicate:
Response Curves
1
2
3
4

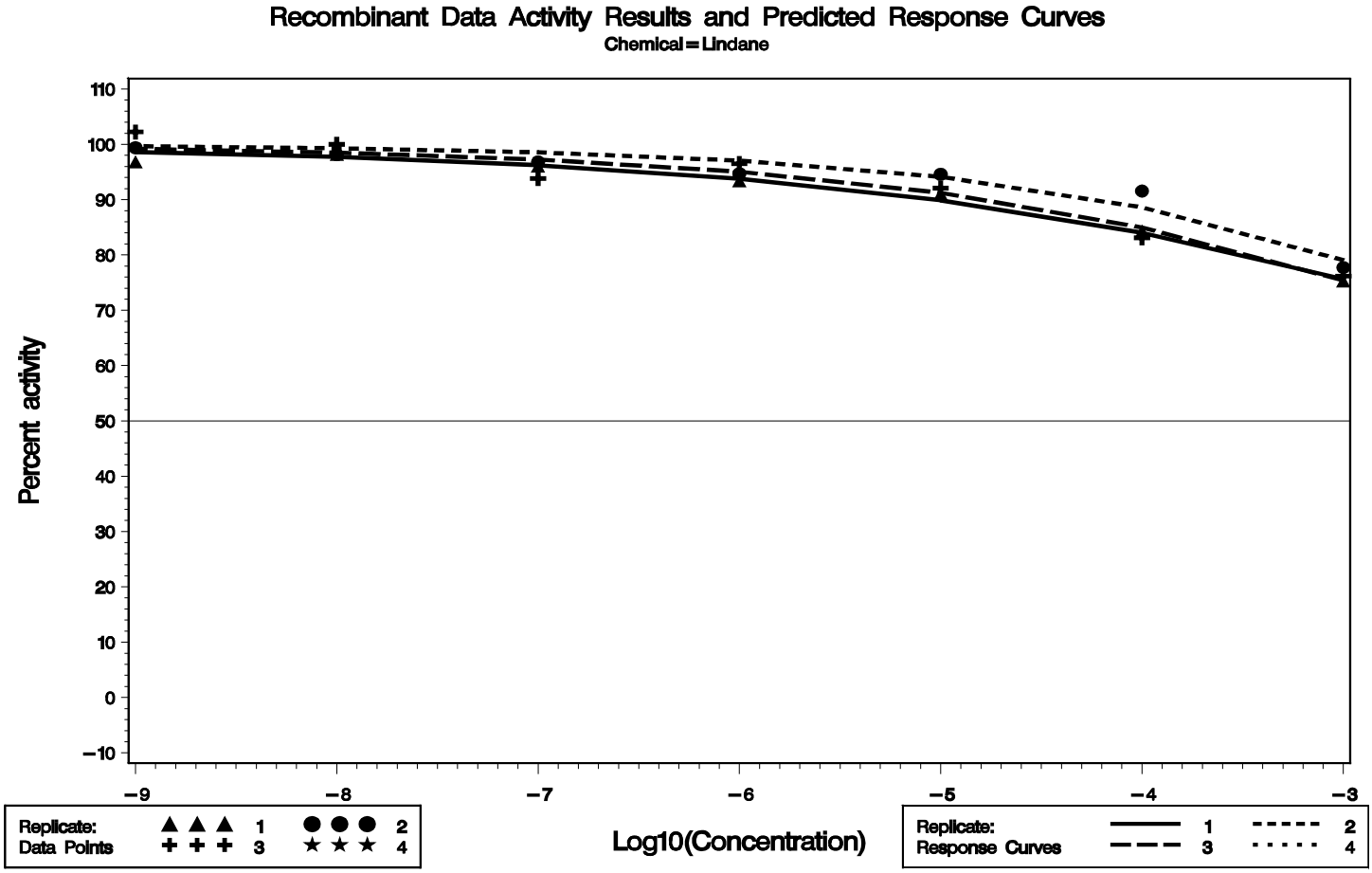

Recombinant Data Activity Results and Predicted Response Curves
Chemical = Chrysin
Percent activity
110
100
90
80
70
60
50
40
30
20
10
0
−10
−9
−8
−7
−6
−5
−4
−3
Log10(Concentration)
Replicate:
Data Points
1
2
3
4
Replicate:
Response Curves
1
2
3
4

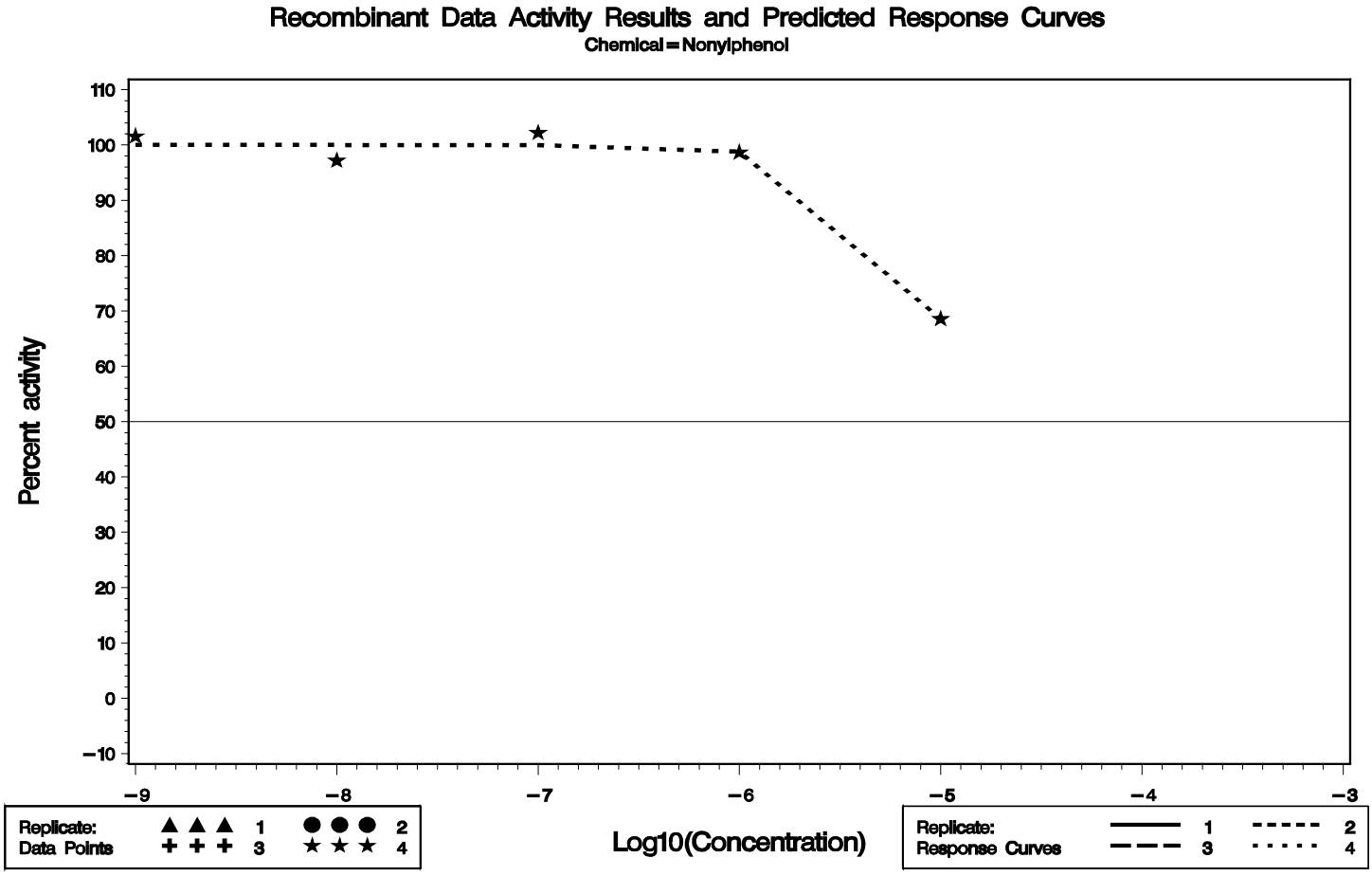

Recombinant Data Activity Results and Predicted Response Curves
Chemical = Dibenz(a, h)anthracene
Percent activity
110
100
90
80
70
60
50
40
30
20
10
0
−10
−9
−8
−7
−6
−5
−4
−3
Log10(Concentration)
Replicate:
Data Points
1
2
3
4
Replicate:
Response Curves
1
2
3
4


Recombinant Data Activity Results and Predicted Response Curves
Chemical = Econazole
Percent activity
110
100
90
80
70
60
50
40
30
20
10
0
−10
−9
−8
−7
−6
−5
−4
−3
Log10(Concentration)
Replicate:
Data Points
1
2
3
4
Replicate:
Response Curves
1
2
3
4


Recombinant Data Activity Results and Predicted Response Curves
Chemical = Genistein
Percent activity
110
100
90
80
70
60
50
40
30
20
10
0
−10
−9
−8
−7
−6
−5
−4
−3
Log10(Concentration)
Replicate:
Data Points
1
2
3
4
Replicate:
Response Curves
1
2
3
4


Recombinant Data Activity Results and Predicted Response Curves
Chemical = Ketoconazole
Percent activity
110
100
90
80
70
60
50
40
30
20
10
0
−10
−9
−8
−7
−6
−5
−4
−3
Log10(Concentration)
Replicate:
Data Points
1
2
3
4
Replicate:
Response Curves
1
2
3
4


Recombinant Data Activity Results and Predicted Response Curves
Chemical = Lindane
Percent activity
110
100
90
80
70
60
50
40
30
20
10
0
−10
−9
−8
−7
−6
−5
−4
−3
Log10(Concentration)
Replicate:
Data Points
1
2
3
4
Replicate:
Response Curves
1
2
3
4


Recombinant Data Activity Results and Predicted Response Curves
Chemical = Nonylphenol
Percent activity
110
100
90
80
70
60
50
40
30
20
10
0
−10
−9
−8
−7
−6
−5
−4
−3
Log10(Concentration)
Replicate:
Data Points
1
2
3
4
Replicate:
Response Curves
1
2
3
4